

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003465.D
 Acq On : 02 Nov 2020 11:39
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 02 11:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	218267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	310639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	284666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	228644	104.46	ug/l	0.00
Spiked Amount			Recovery	=	208.92%	
35) Dibromofluoromethane	7.73	113	196407	105.74	ug/l	0.00
Spiked Amount			Recovery	=	211.48%	
50) Toluene-d8	10.18	98	812922	104.66	ug/l	0.00
Spiked Amount			Recovery	=	209.32%	
62) 4-Bromofluorobenzene	12.48	95	273192	102.63	ug/l	0.00
Spiked Amount			Recovery	=	205.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	182591	107.706	ug/l	99
3) Chloromethane	2.12	50	242578	103.371	ug/l	100
4) Vinyl Chloride	2.26	62	276758	108.043	ug/l	99
5) Bromomethane	2.65	94	203604	83.910	ug/l	98
6) Chloroethane	2.80	64	157974	101.286	ug/l	99
7) Trichlorofluoromethane	3.13	101	325604	102.509	ug/l	98
8) Diethyl Ether	3.54	74	103139	98.895	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	182378	103.070	ug/l	99
10) Methyl Iodide	4.10	142	196964	189.129	ug/l	98
11) Tert butyl alcohol	4.97	59	116494	547.820	ug/l	99
12) 1,1-Dichloroethene	3.88	96	183424	105.170	ug/l	97
13) Acrolein	3.74	56	90454	455.925	ug/l	99
14) Allyl chloride	4.49	41	339639	108.923	ug/l	99
15) Acrylonitrile	5.18	53	288610	571.490	ug/l	99
16) Acetone	3.96	43	440419	765.541	ug/l	98
17) Carbon Disulfide	4.21	76	595046	104.667	ug/l	100
18) Methyl Acetate	4.49	43	147713	113.550	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	463197	101.866	ug/l	97
20) Methylene Chloride	4.73	84	199206	85.342	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	211447	103.630	ug/l	99
22) Diisopropyl ether	6.13	45	584436	101.183	ug/l	99
23) Vinyl Acetate	6.08	43	2328883	547.965	ug/l	100
24) 1,1-Dichloroethane	6.04	63	372702	103.574	ug/l	99
25) 2-Butanone	7.00	43	529383	662.429	ug/l	100
26) 2,2-Dichloropropane	6.99	77	345644	106.455	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	230744	101.961	ug/l	98
28) Bromochloromethane	7.35	49	193408	109.645	ug/l	99
29) Tetrahydrofuran	7.36	42	265003	582.189	ug/l	99
30) Chloroform	7.52	83	367792	101.344	ug/l	98
31) Cyclohexane	7.80	56	324956	100.767	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	346828	103.928	ug/l	99
36) 1,1-Dichloropropene	7.93	75	304016	104.023	ug/l	100
37) Ethyl Acetate	7.09	43	196428	113.720	ug/l	99
38) Carbon Tetrachloride	7.91	117	316962	103.735	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342049	106.180	ug/l	99
40) Benzene	8.17	78	841783	101.968	ug/l	99
41) Methacrylonitrile	7.35	41	254468	289.643	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	262222	100.094	ug/l	99
43) Isopropyl Acetate	8.28	43	354644	110.183	ug/l	100
44) Trichloroethene	8.94	130	238443	98.706	ug/l	100
45) 1,2-Dichloropropane	9.22	63	210160	100.165	ug/l	100
46) Dibromomethane	9.31	93	118086	99.724	ug/l	99
47) Bromodichloromethane	9.50	83	289147	99.507	ug/l	100
48) Methyl methacrylate	9.30	41	171908	112.845	ug/l	98
49) 1,4-Dioxane	9.31	88	31108	2205.329	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	962302	561.757	ug/l	99
52) Toluene	10.25	92	538986	101.780	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	316518	102.457	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	350884	101.487	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	166888	98.818	ug/l	99
56) Ethyl methacrylate	10.51	69	242892	107.090	ug/l	99
57) 1,3-Dichloropropane	10.79	76	295258	100.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	586765	497.418	ug/l	100
59) 2-Hexanone	10.83	43	746521	611.308	ug/l	100
60) Dibromochloromethane	10.99	129	210190	98.738	ug/l	100
61) 1,2-Dibromoethane	11.09	107	163912	100.918	ug/l	99
64) Tetrachloroethene	10.72	164	214834	86.044	ug/l	98
65) Chlorobenzene	11.52	112	571445	100.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	218880	101.765	ug/l	100
67) Ethyl Benzene	11.60	91	1062845	104.561	ug/l	100
68) m/p-Xylenes	11.70	106	800227	206.407	ug/l	100
69) o-Xylene	12.03	106	368624	101.510	ug/l	98
70) Styrene	12.05	104	640979	103.941	ug/l	99
71) Bromoform	12.21	173	149124	103.890	ug/l #	99
73) Isopropylbenzene	12.33	105	1022128	109.600	ug/l	100
74) N-amyl acetate	12.14	43	301926	113.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	217317	118.822	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	295251	222.994	ug/l #	100
77) Bromobenzene	12.61	156	254171	103.008	ug/l	99
78) n-propylbenzene	12.67	91	1200091	108.240	ug/l	100
79) 2-Chlorotoluene	12.75	91	668023	107.414	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	841626	105.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	80777	118.736	ug/l	97
82) 4-Chlorotoluene	12.86	91	693697	105.221	ug/l	100
83) tert-Butylbenzene	13.08	119	745728	107.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	842437	104.896	ug/l	100
85) sec-Butylbenzene	13.25	105	1003925	105.023	ug/l	99
86) p-Isopropyltoluene	13.37	119	943438	104.150	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	475171	101.236	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	466696	99.777	ug/l	99
89) n-Butylbenzene	13.70	91	852157	102.858	ug/l	100
90) Hexachloroethane	13.96	117	156716	109.335	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	418796	100.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	40038	115.833	ug/l	97

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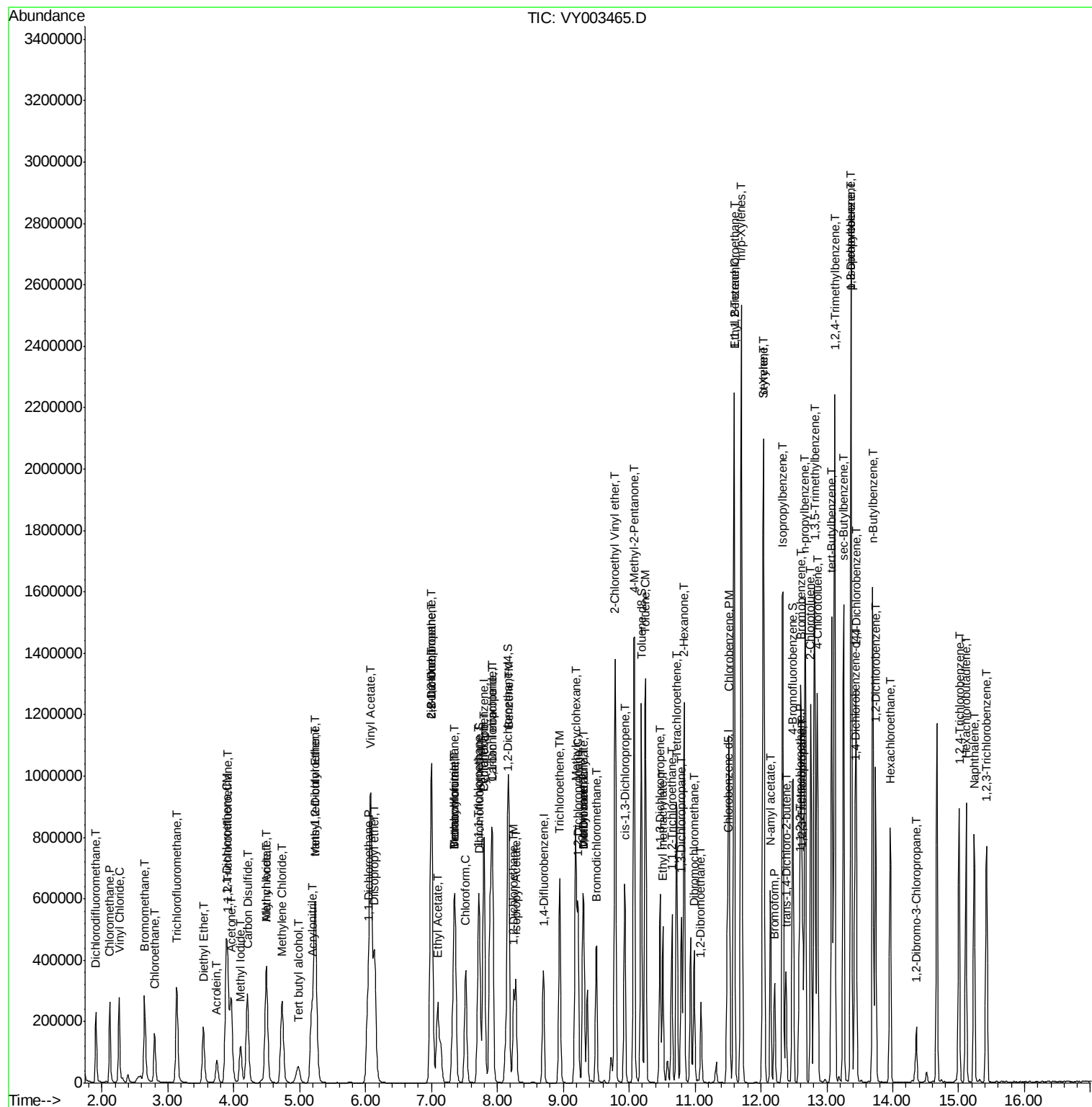
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	295587	95.469	ug/l	99
94) Hexachlorobutadiene	15.11	225	179045	88.729	ug/l	99
95) Naphthalene	15.23	128	639318	115.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	265900	98.605	ug/l	98

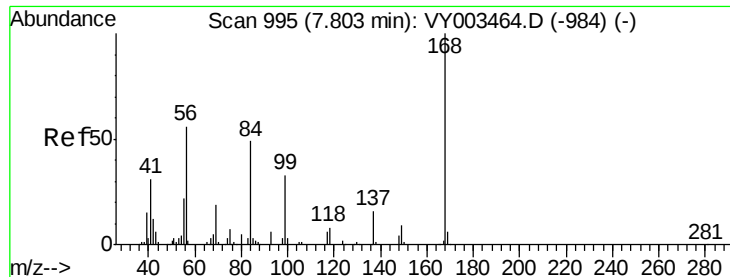
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

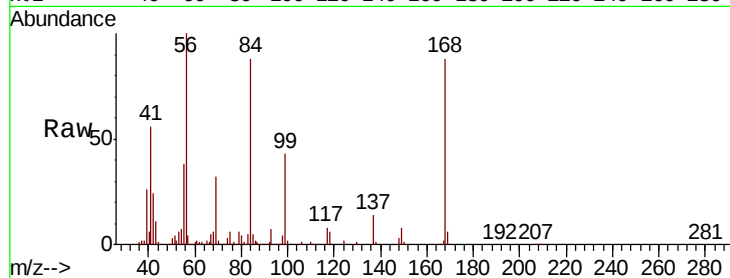
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:168 Resp: 218267

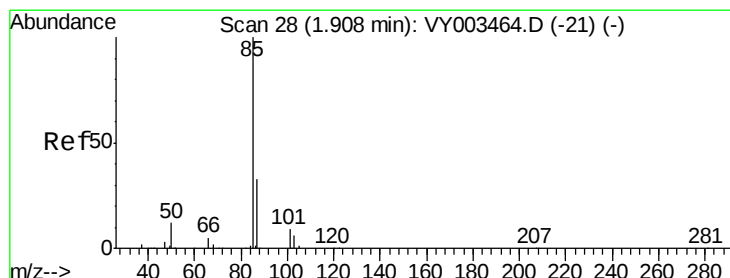
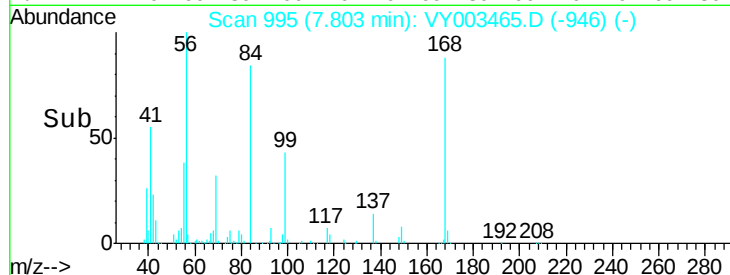
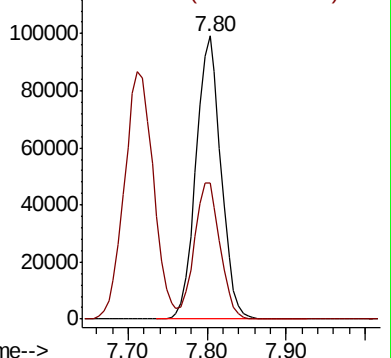
Ion Ratio Lower Upper

168 100

99 48.2 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003465.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 107.706 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003465.D

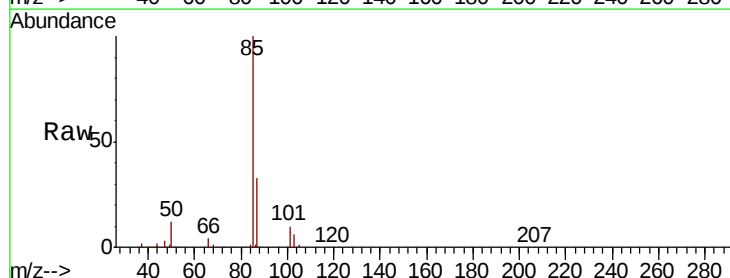
Acq: 02 Nov 2020 11:39

Tgt Ion: 85 Resp: 182591

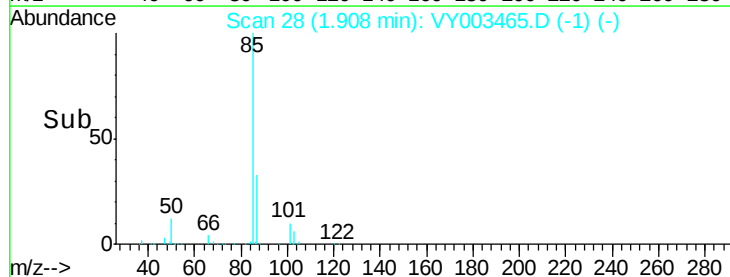
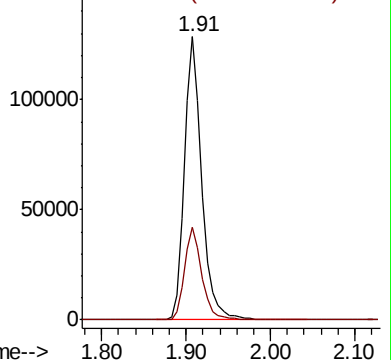
Ion Ratio Lower Upper

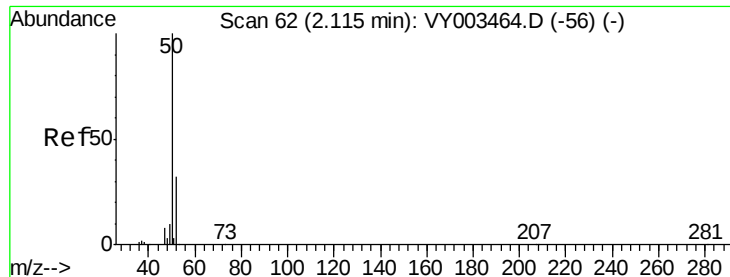
85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003465.D (-1) (-)





#3

Chloromethane

Concen: 103.371 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

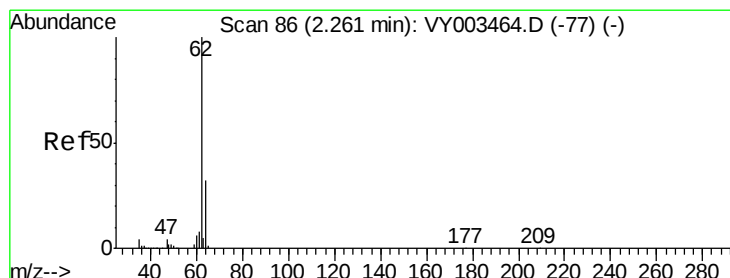
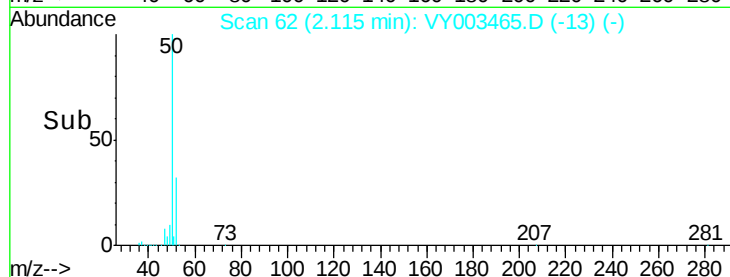
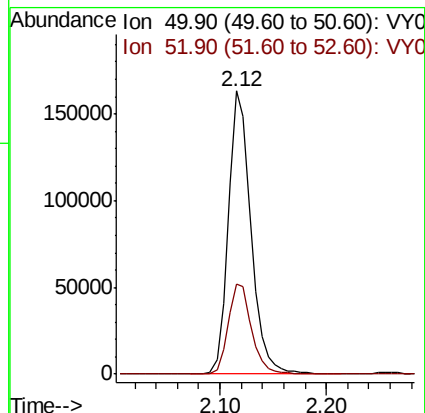
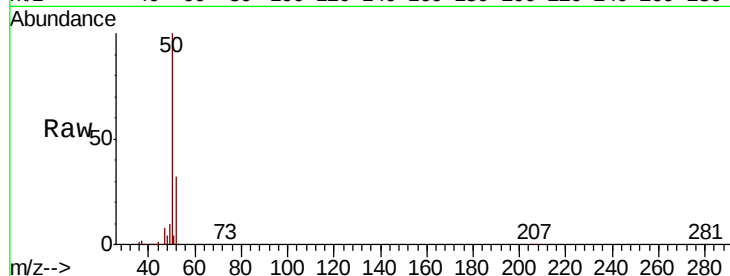
VSTDIC100

Tot Ion: 50 Resp: 242578

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 108.043 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003465.D

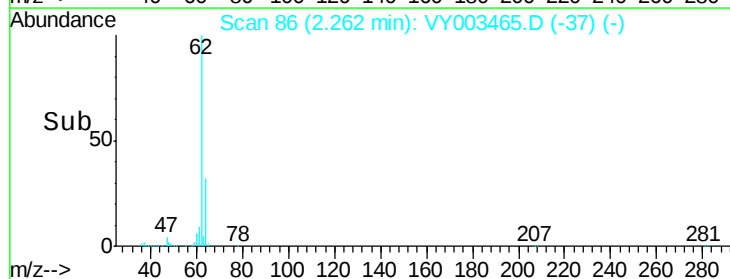
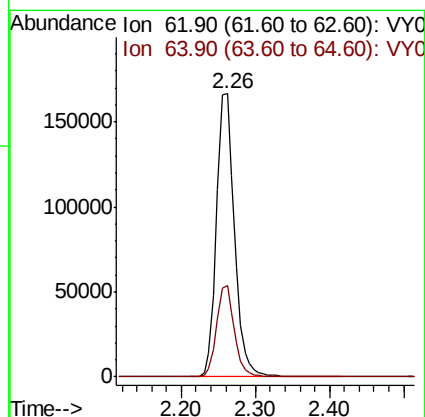
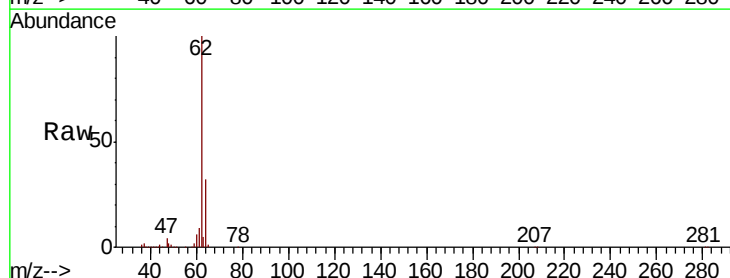
Acq: 02 Nov 2020 11:39

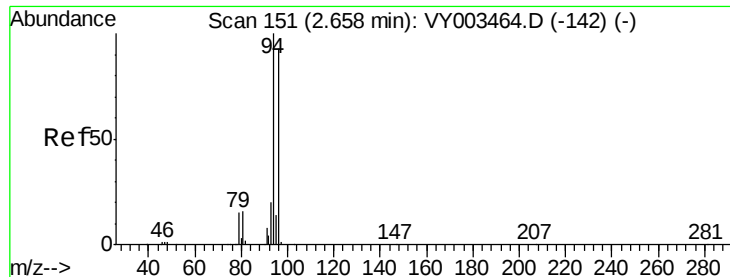
Tgt Ion: 62 Resp: 276758

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 83.910 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

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ClientSampleId :

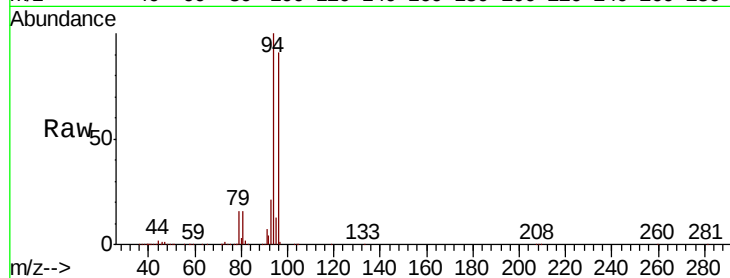
VSTDIC100

Tot Ion: 94 Resp: 203604

Ion Ratio Lower Upper

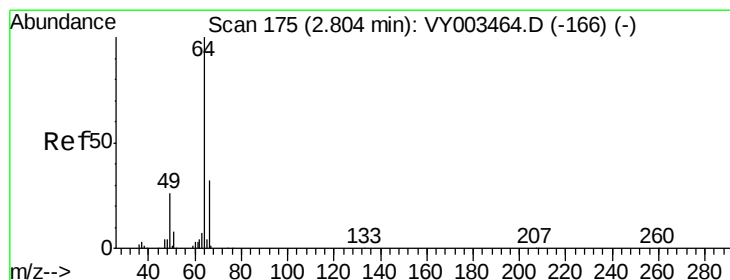
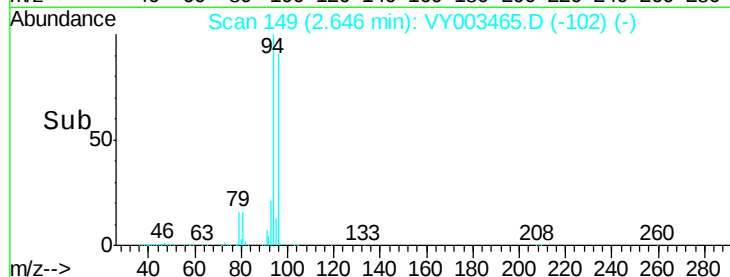
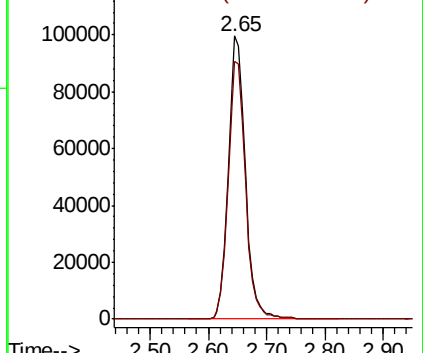
94 100

96 91.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 101.286 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003465.D

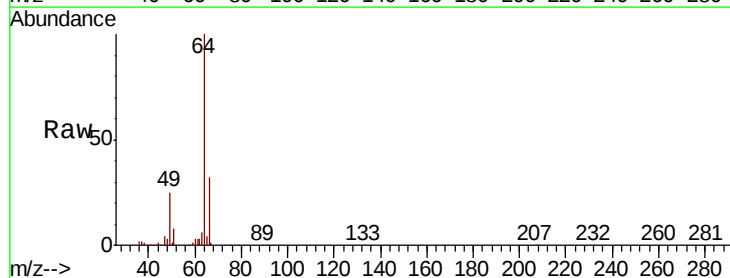
Acq: 02 Nov 2020 11:39

Tgt Ion: 64 Resp: 157974

Ion Ratio Lower Upper

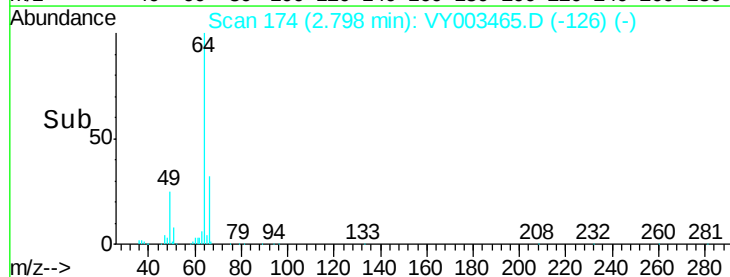
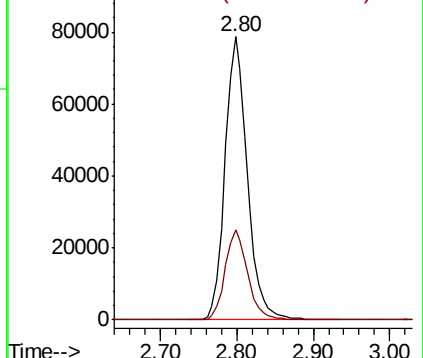
64 100

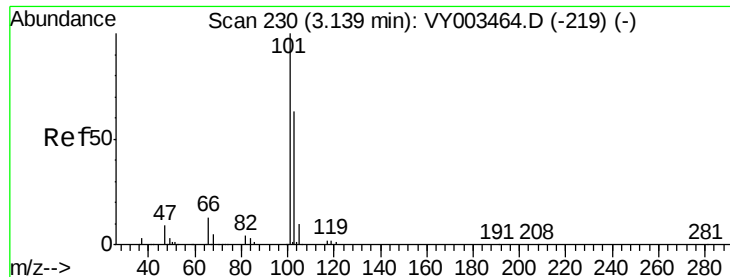
66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



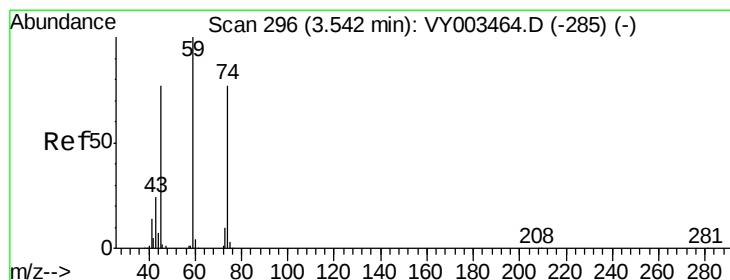
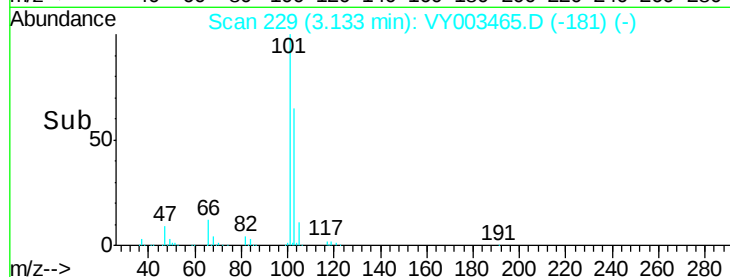
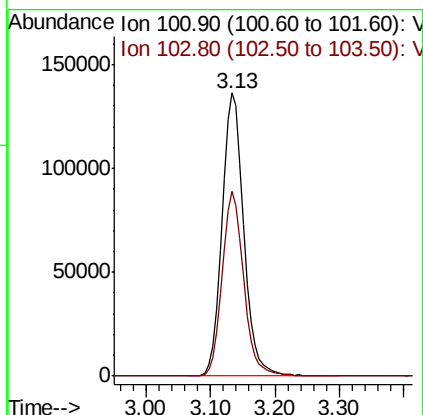
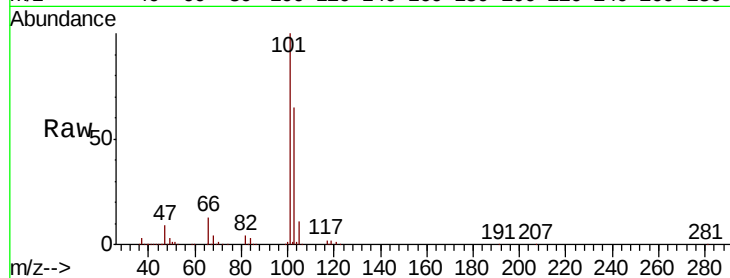


#7

Trichlorofluoromethane
Concen: 102.509 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003465.D
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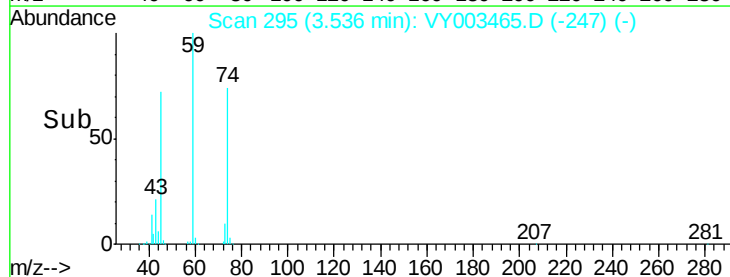
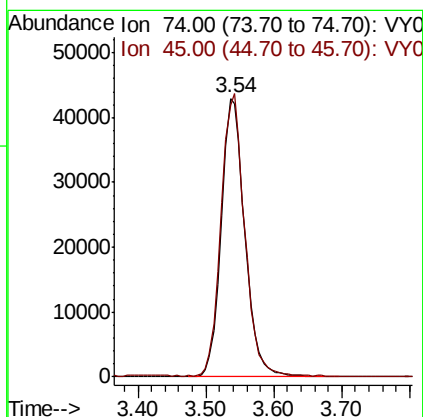
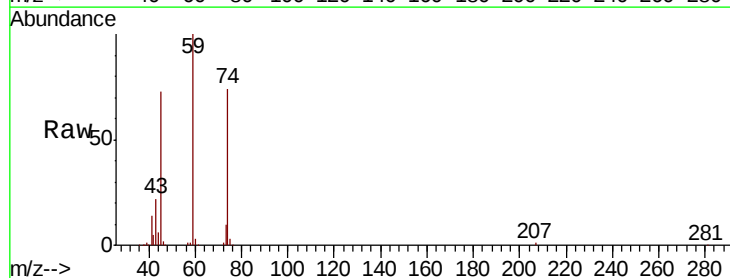
Tot Ion:101 Resp: 325604
Ion Ratio Lower Upper
101 100
103 65.3 50.7 76.1

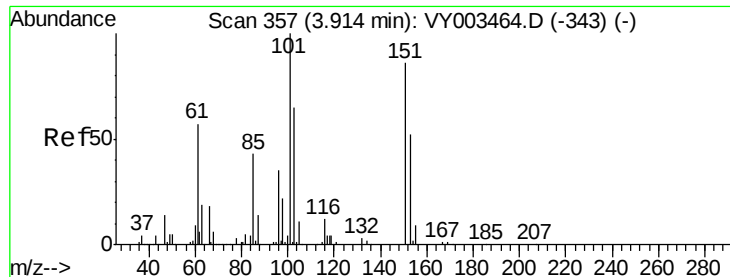


#8

Diethyl Ether
Concen: 98.895 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion: 74 Resp: 103139
Ion Ratio Lower Upper
74 100
45 101.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.070 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

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VSTDIC100

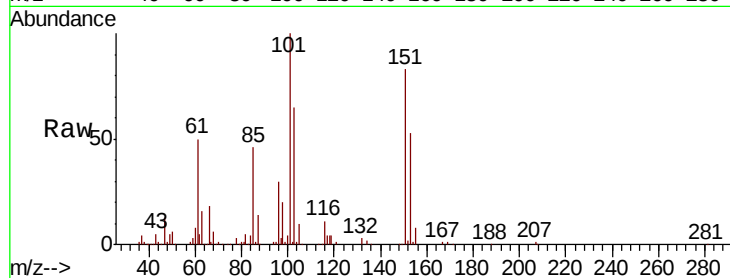
Tot Ion:101 Resp: 182378

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.8

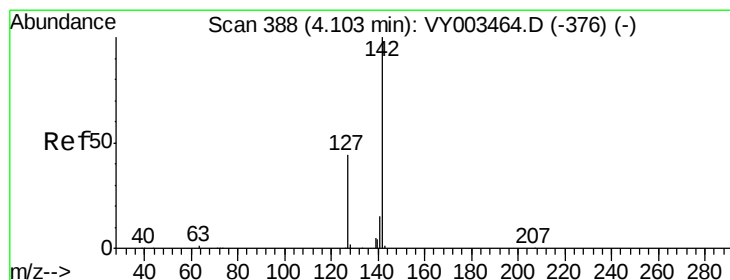
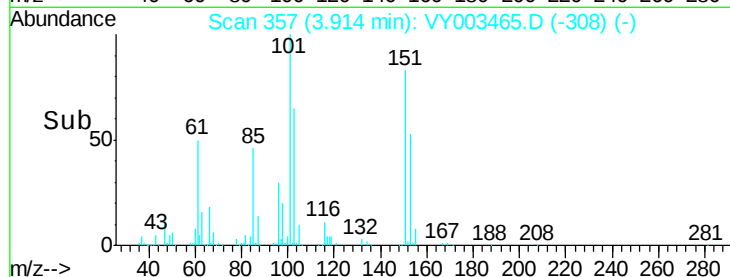
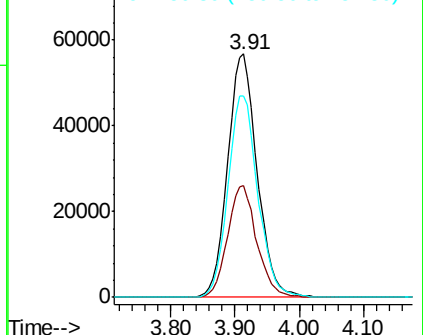
151 84.0 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 189.129 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

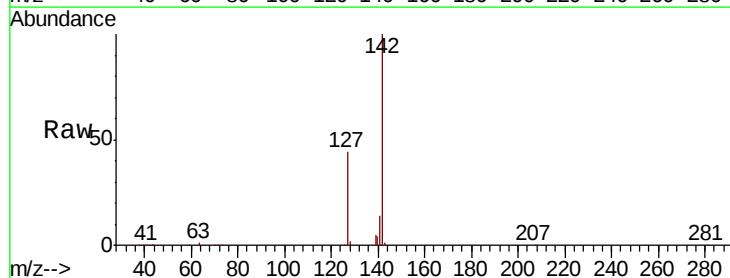
Tgt Ion:142 Resp: 196964

Ion Ratio Lower Upper

142 100

127 44.2 34.5 51.7

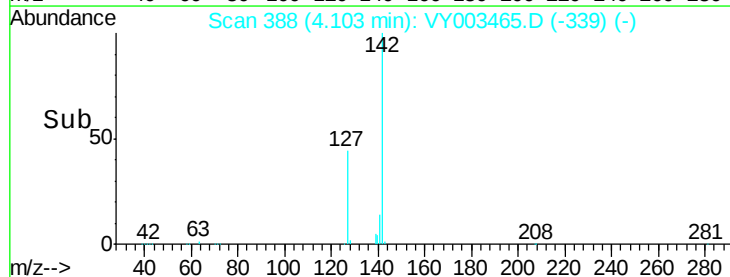
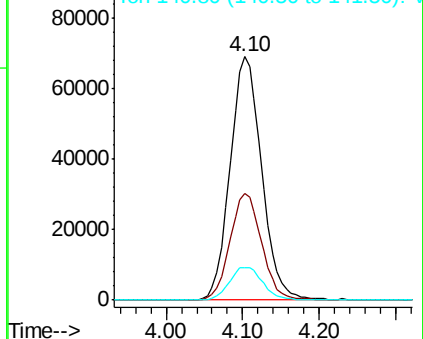
141 14.2 11.8 17.8

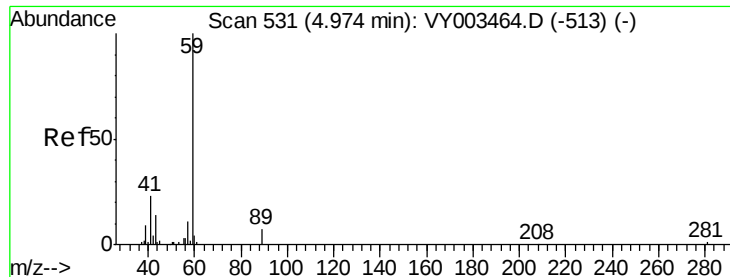


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

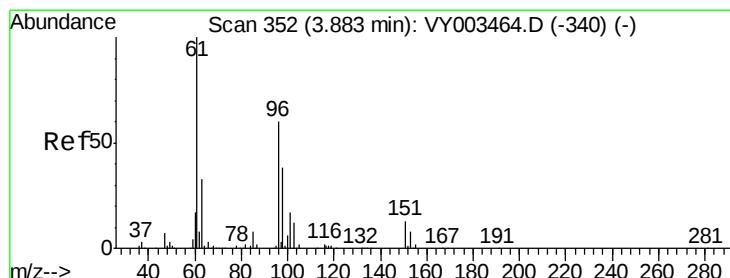
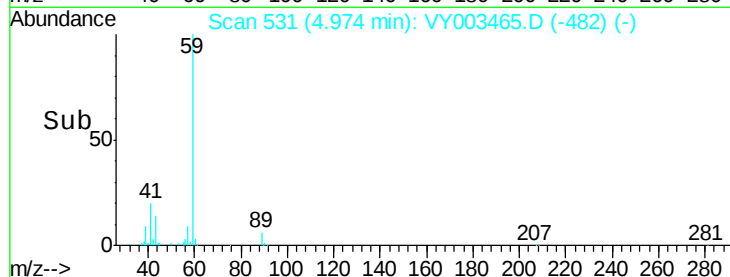
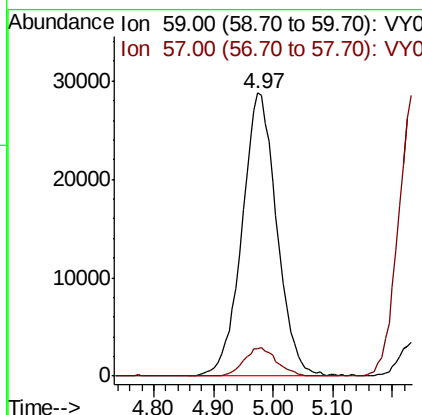
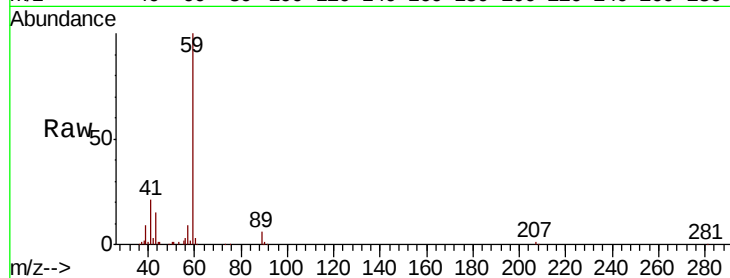




#11
Tert butyl alcohol
Concen: 547.820 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

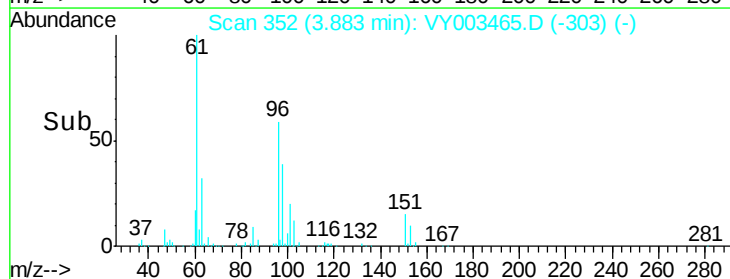
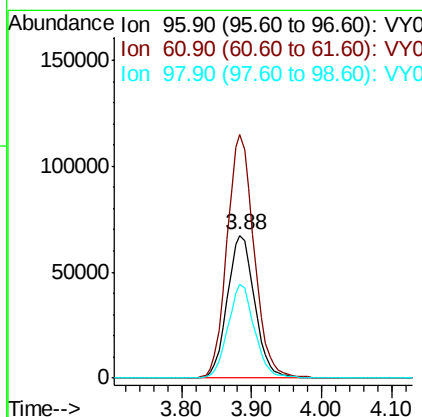
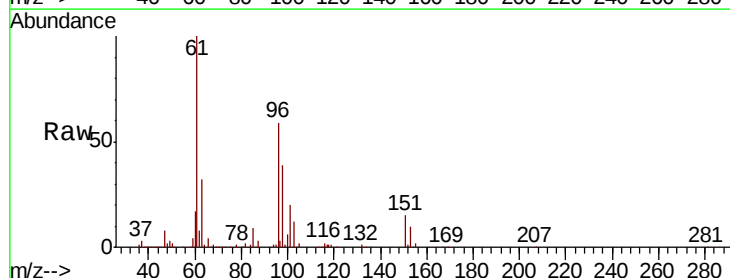
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

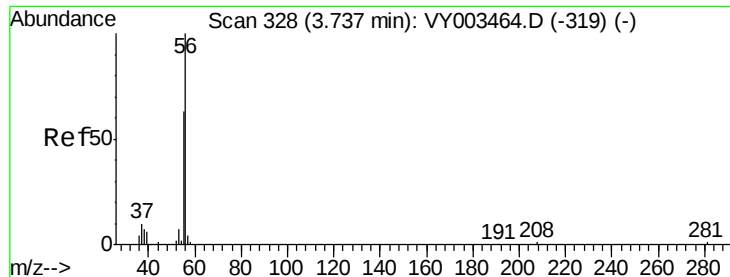
Tot Ion: 59 Resp: 116494
Ion Ratio Lower Upper
59 100
57 9.6 7.9 11.9



#12
1,1-Dichloroethene
Concen: 105.170 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion: 96 Resp: 183424
Ion Ratio Lower Upper
96 100
61 170.1 133.6 200.4
98 65.6 50.2 75.2





#13

Acrolein

Concen: 455.925 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

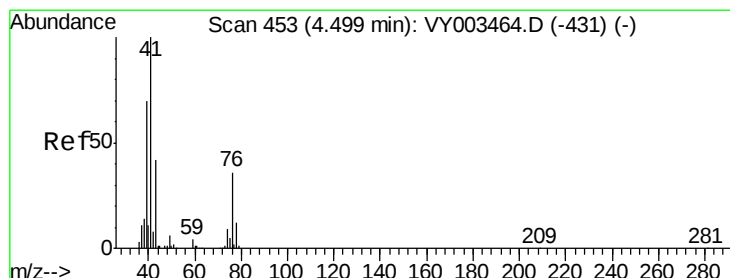
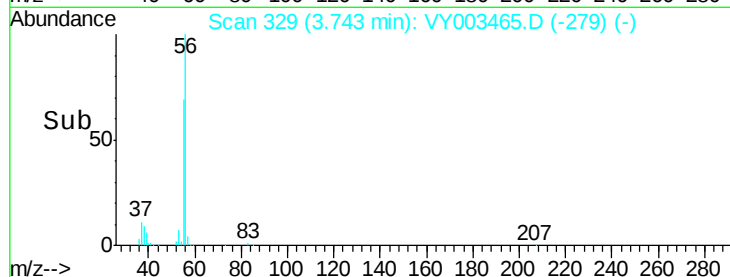
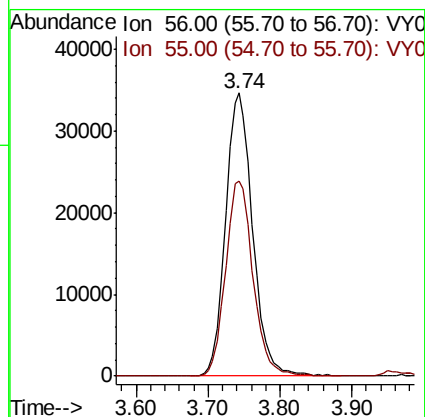
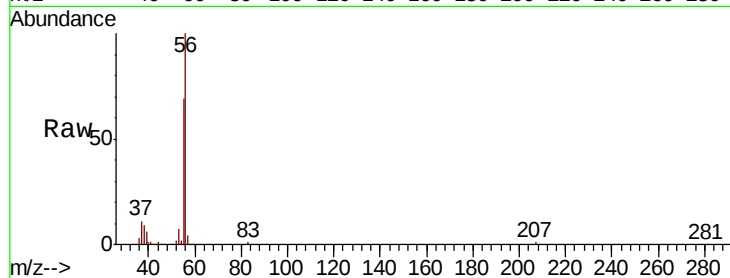
VSTDIC100

Tot Ion: 56 Resp: 90454

Ion Ratio Lower Upper

56 100

55 70.0 56.6 85.0



#14

Allyl chloride

Concen: 108.923 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

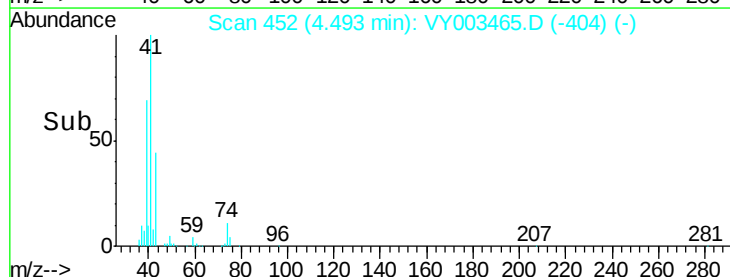
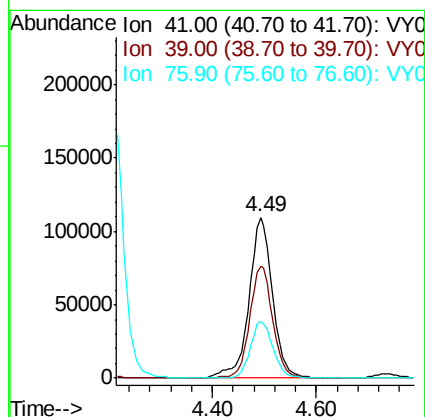
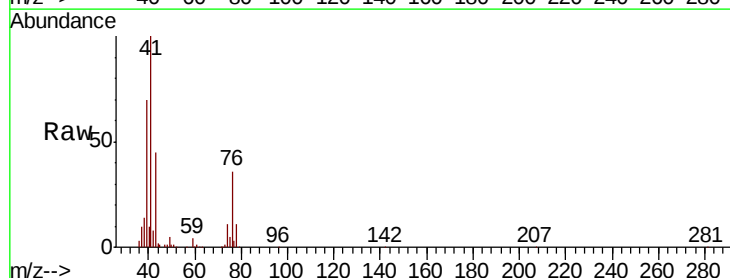
Tgt Ion: 41 Resp: 339639

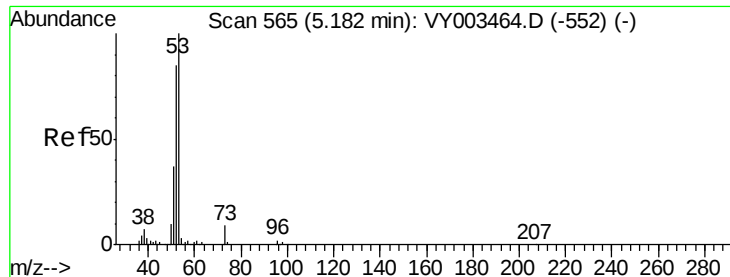
Ion Ratio Lower Upper

41 100

39 68.4 54.4 81.6

76 33.9 27.6 41.4





#15

Acrylonitrile

Concen: 571.490 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

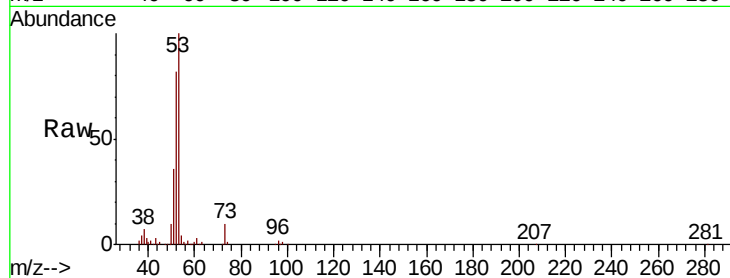
Tot Ion: 53 Resp: 288610

Ion Ratio Lower Upper

53 100

52 82.9 66.9 100.3

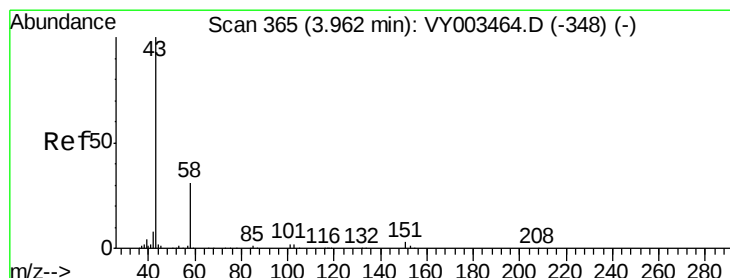
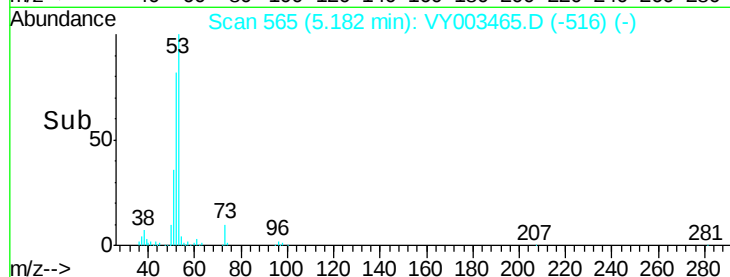
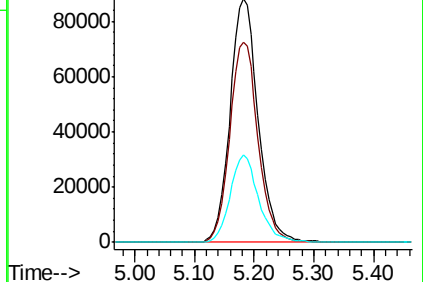
51 36.4 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY003465.D (-516) (-)

Ion 52.00 (51.70 to 52.70): VY003465.D (-516) (-)

Ion 51.00 (50.70 to 51.70): VY003465.D (-516) (-)



#16

Acetone

Concen: 765.541 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY003465.D

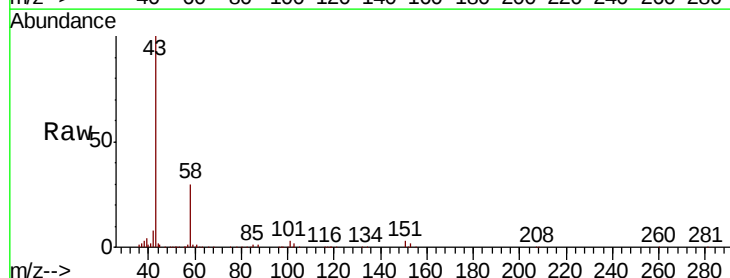
Acq: 02 Nov 2020 11:39

Tgt Ion: 43 Resp: 440419

Ion Ratio Lower Upper

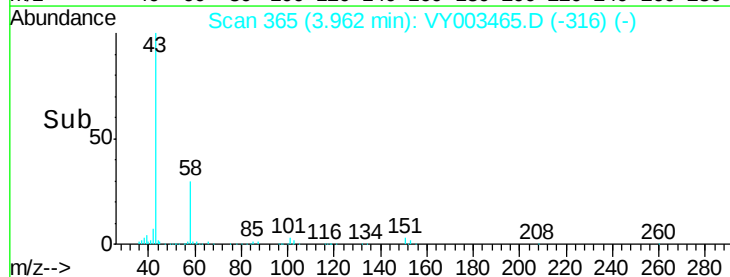
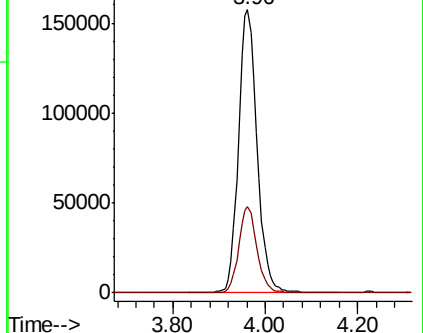
43 100

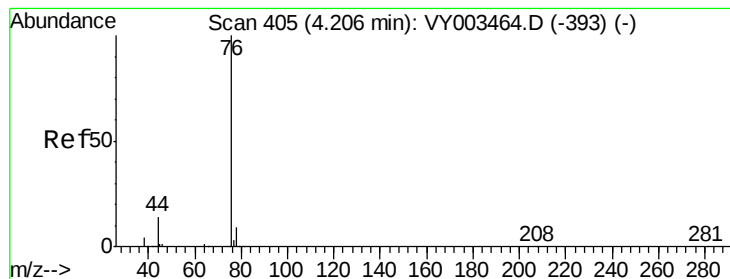
58 30.3 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY003465.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY003465.D (-316) (-)





#17

Carbon Disulfide

Concen: 104.667 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

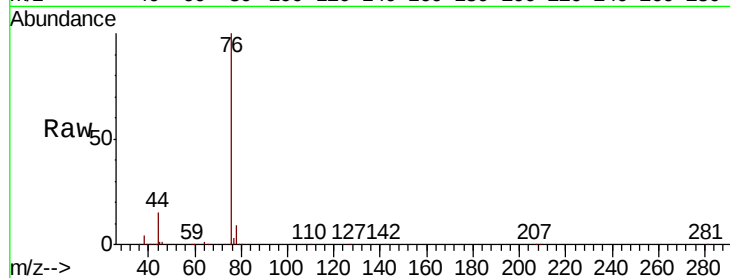
VSTDIC100

Tot Ion: 76 Resp: 595046

Ion Ratio Lower Upper

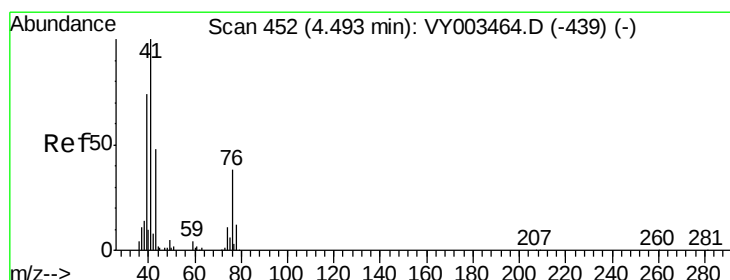
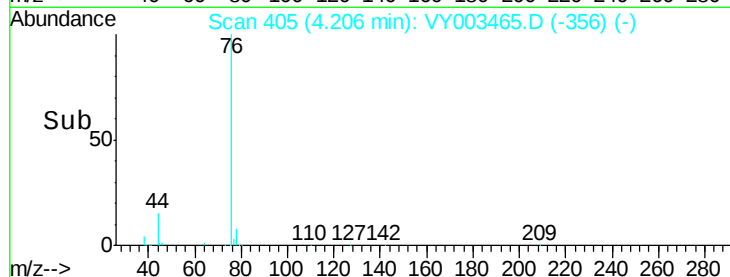
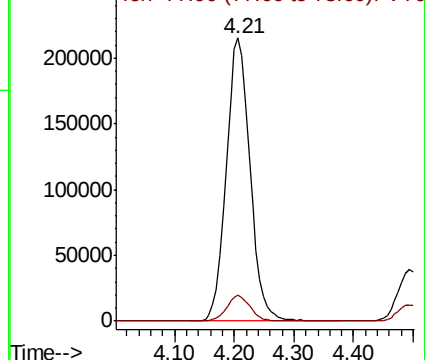
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 113.550 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY003465.D

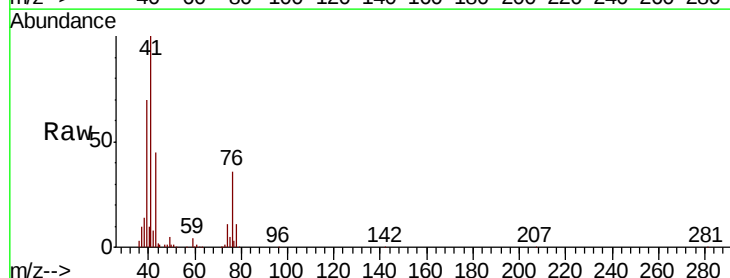
Acq: 02 Nov 2020 11:39

Tgt Ion: 43 Resp: 147713

Ion Ratio Lower Upper

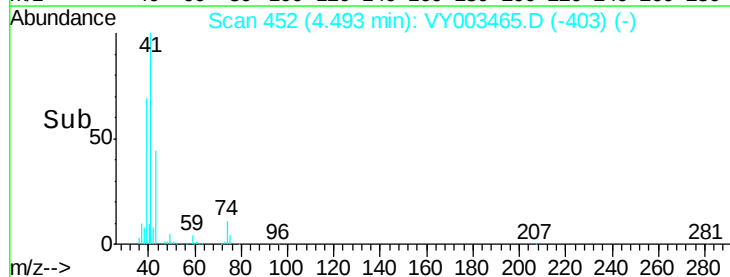
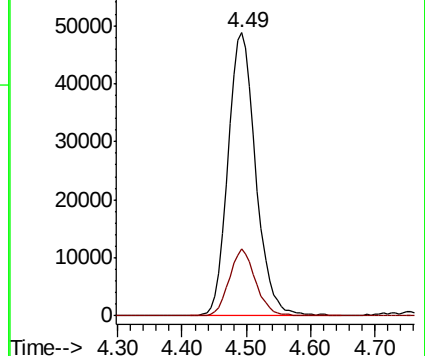
43 100

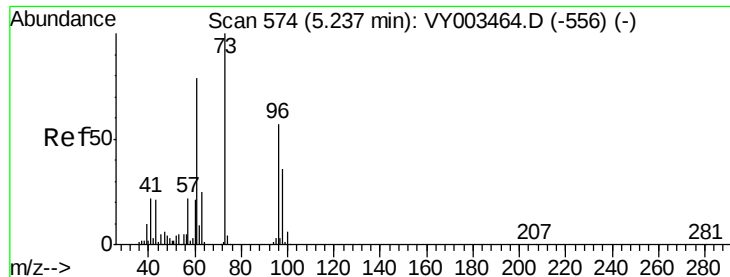
74 22.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

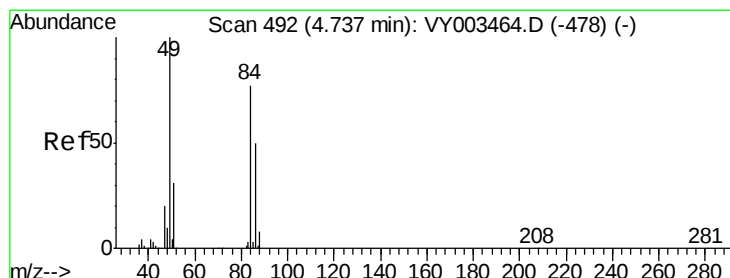
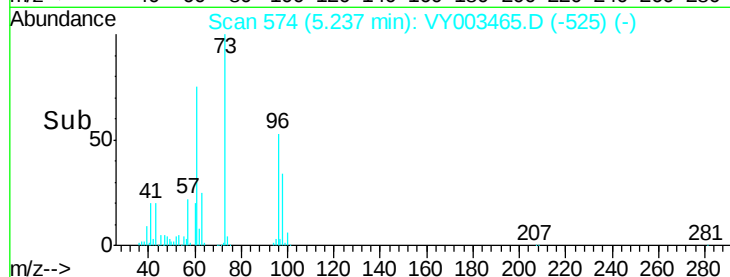
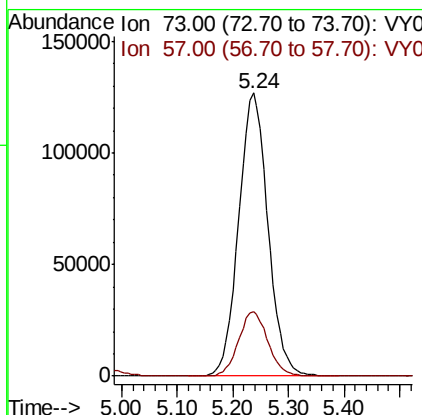
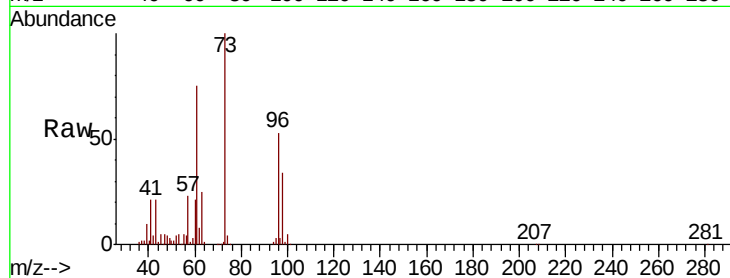




#19
Methvl tert-butvl Ether
Concen: 101.866 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

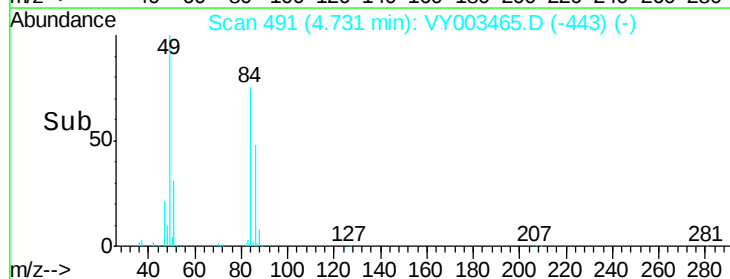
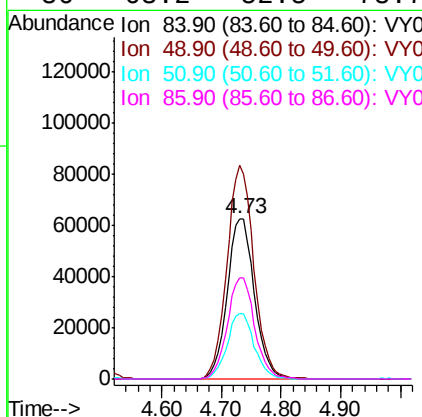
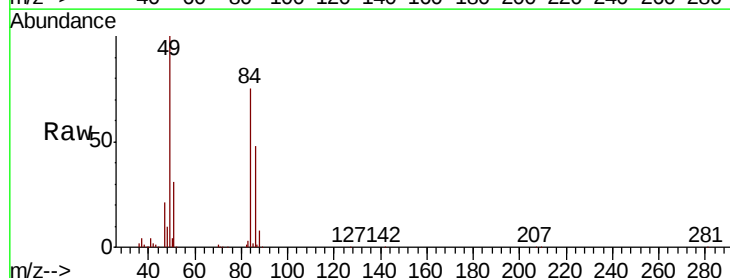
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

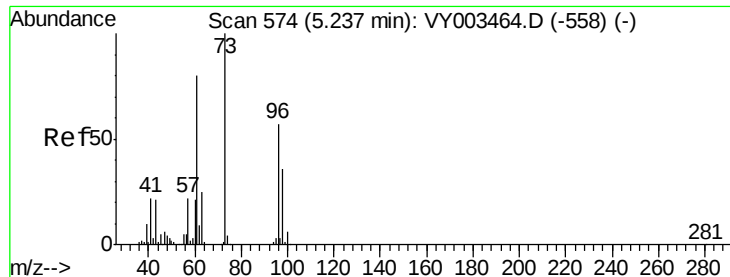
Tot Ion: 73 Resp: 463197
Ion Ratio Lower Upper
73 100
57 23.0 17.2 25.8



#20
Methylene Chloride
Concen: 85.342 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion: 84 Resp: 199206
Ion Ratio Lower Upper
84 100
49 133.1 104.3 156.5
51 40.8 32.5 48.7
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 103.630 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

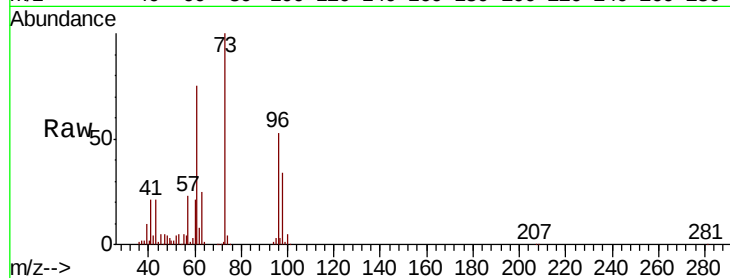
Tot Ion: 96 Resp: 211447

Ion Ratio Lower Upper

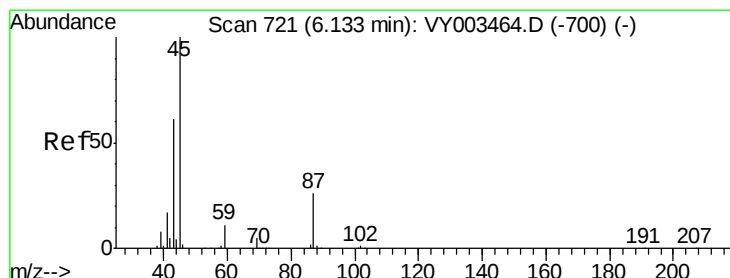
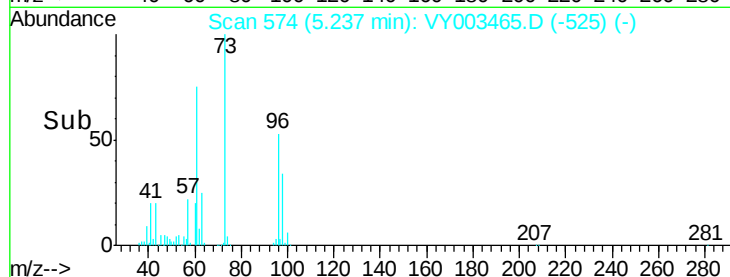
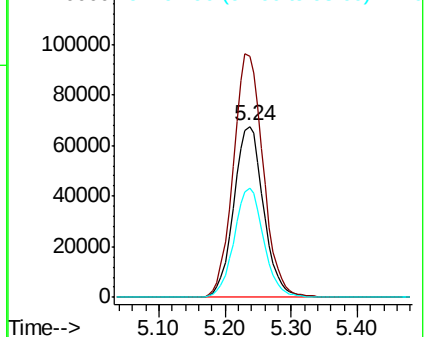
96 100

61 141.1 111.3 166.9

98 63.7 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 101.183 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Tgt Ion: 45 Resp: 584436

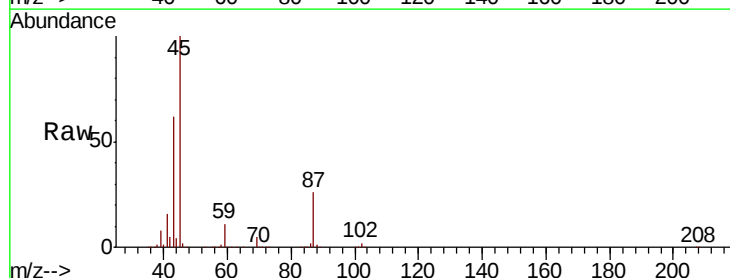
Ion Ratio Lower Upper

45 100

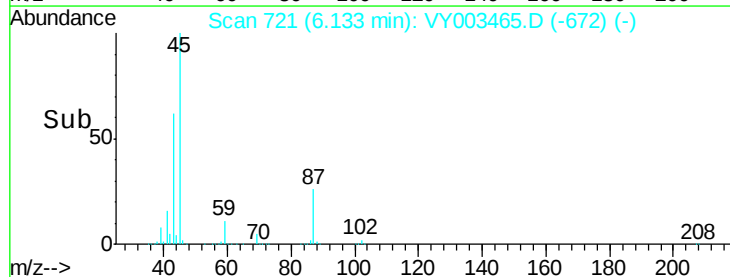
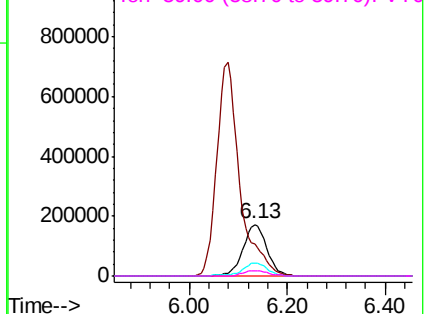
43 61.6 48.8 73.2

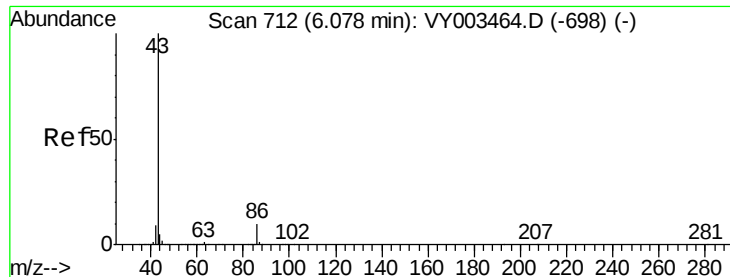
87 26.1 20.6 31.0

59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 547.965 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

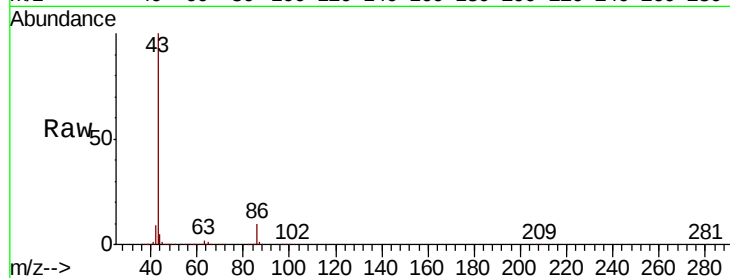
VSTDIC100

Tot Ion: 43 Resp: 2328883

Ion Ratio Lower Upper

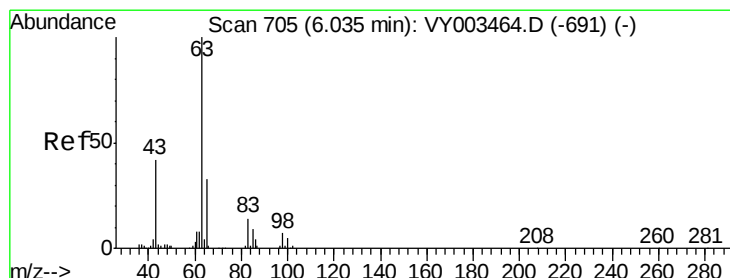
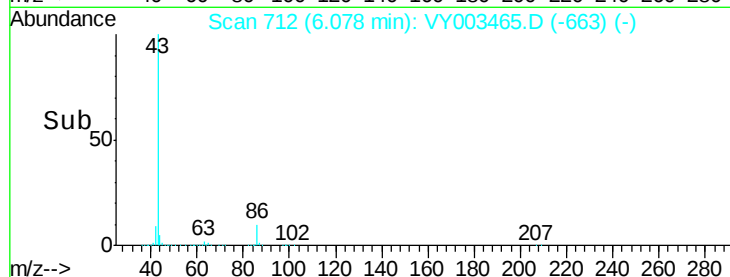
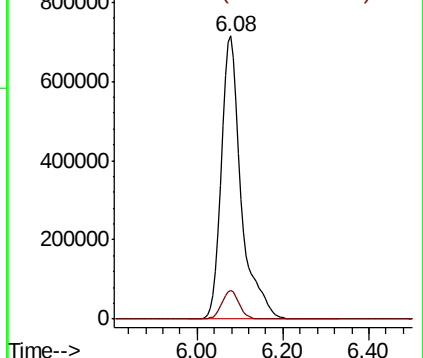
43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 103.574 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

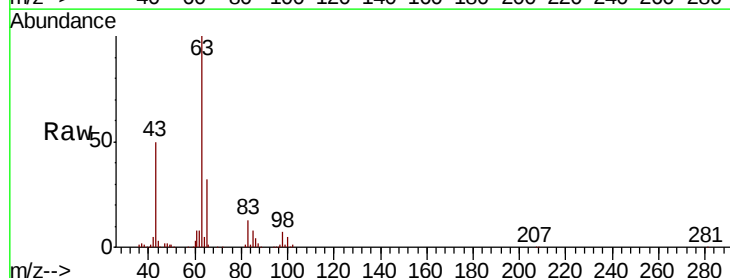
Tgt Ion: 63 Resp: 372702

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

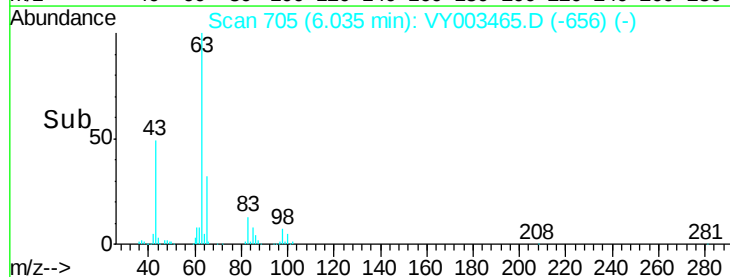
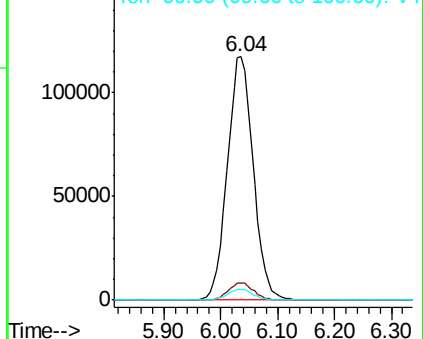
100 4.5 2.3 6.9

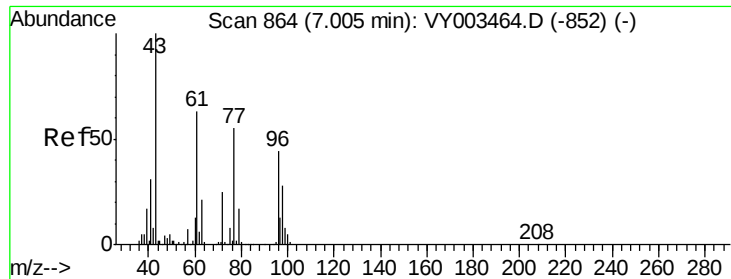


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 662.429 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

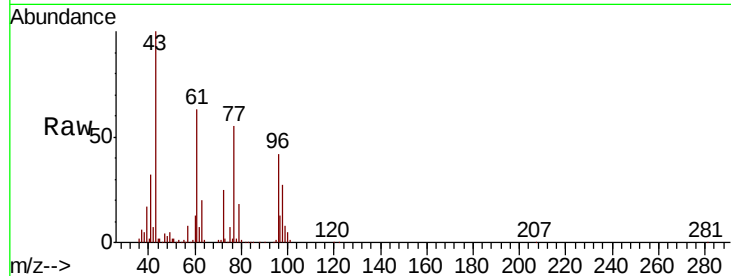
VSTDIC100

Tot Ion: 43 Resp: 529383

Ion Ratio Lower Upper

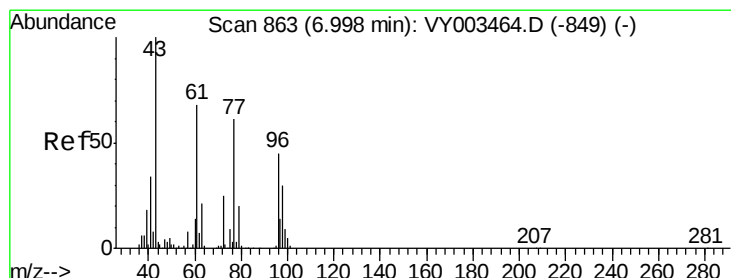
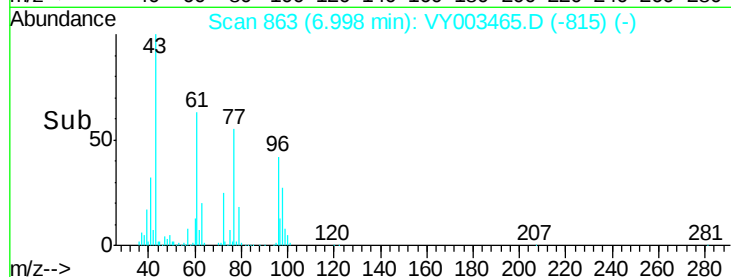
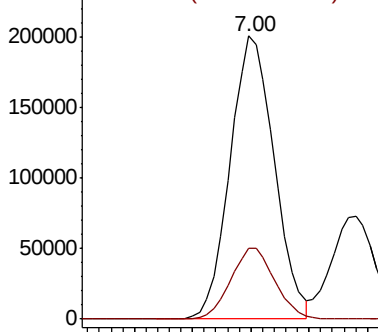
43 100

72 25.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 106.455 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003465.D

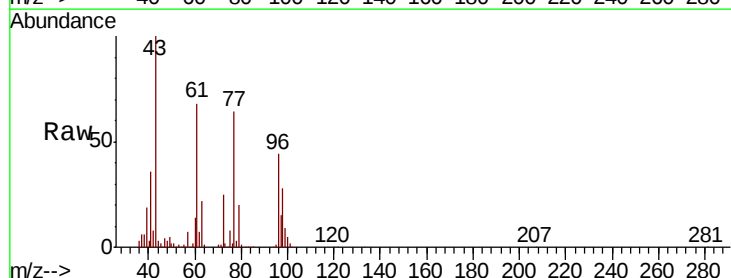
Acq: 02 Nov 2020 11:39

Tgt Ion: 77 Resp: 345644

Ion Ratio Lower Upper

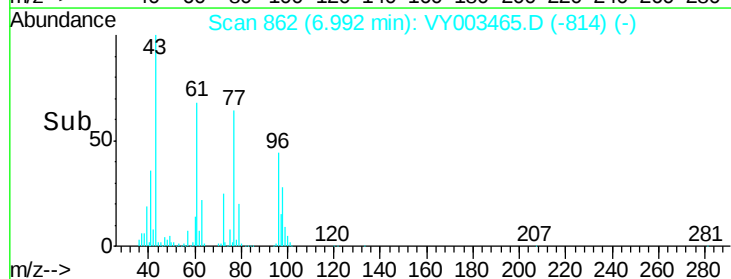
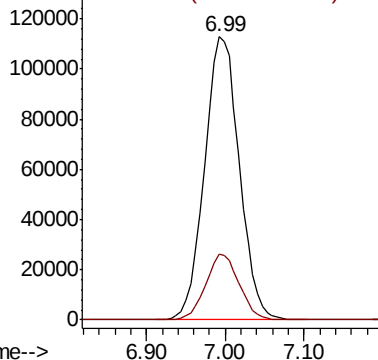
77 100

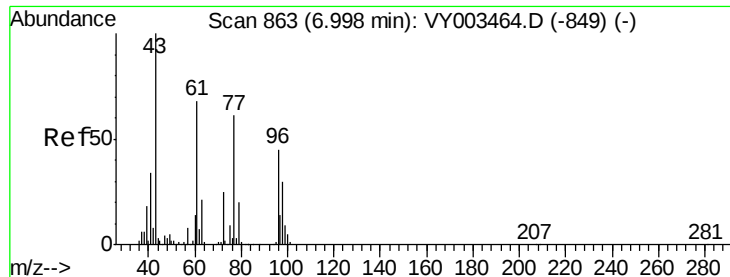
97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



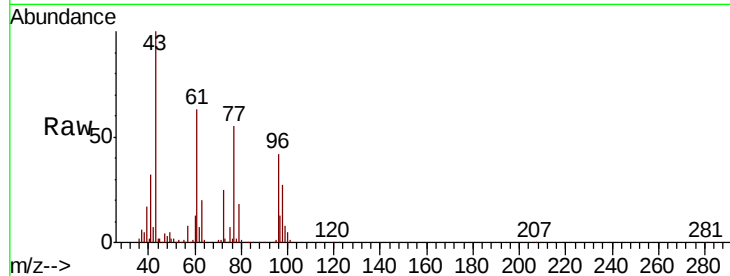


#27

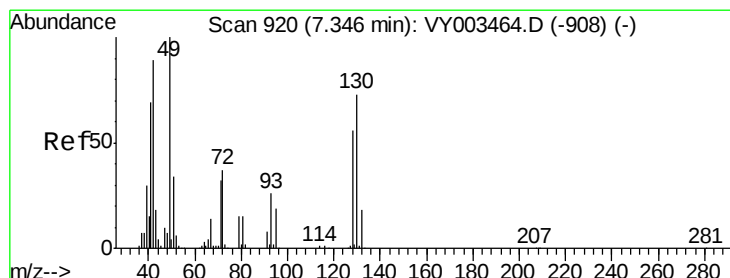
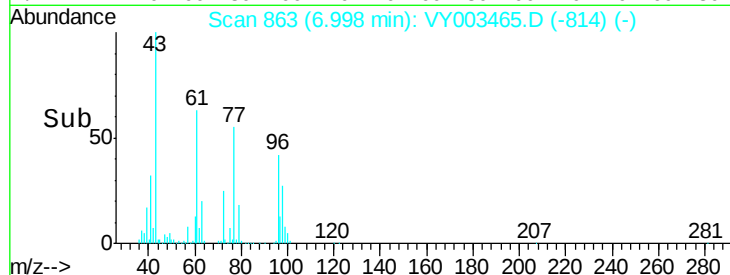
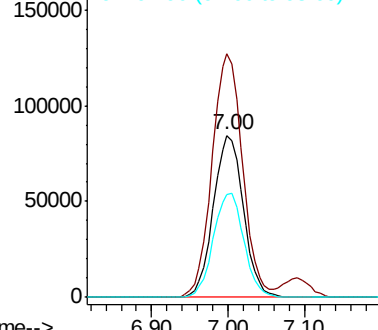
cis-1,2-Dichloroethene
Concen: 101.961 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	299.2
98	65.2	0.0	128.6



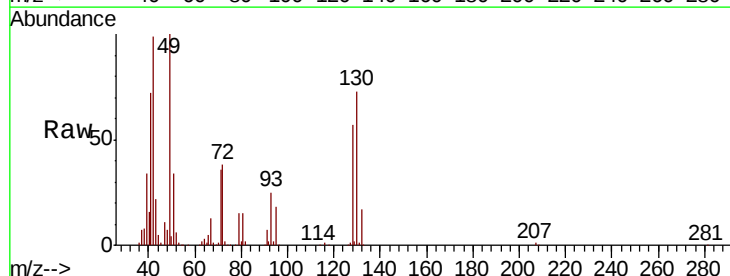
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



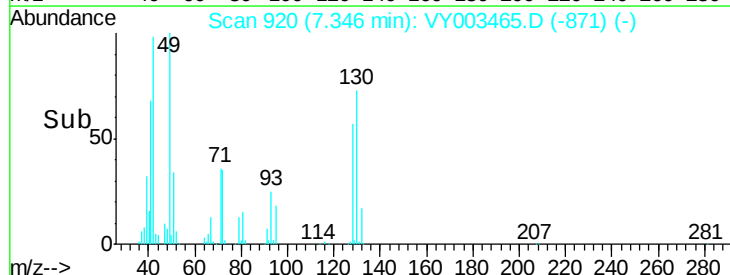
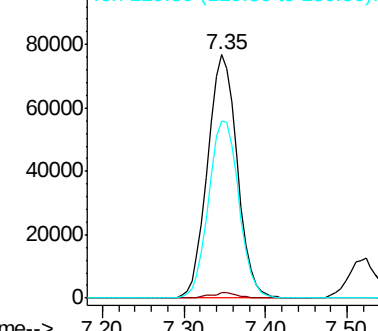
#28

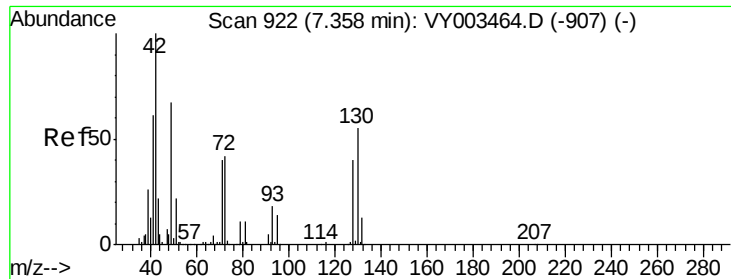
Bromochloromethane
Concen: 109.645 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.4	60.0	90.0



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

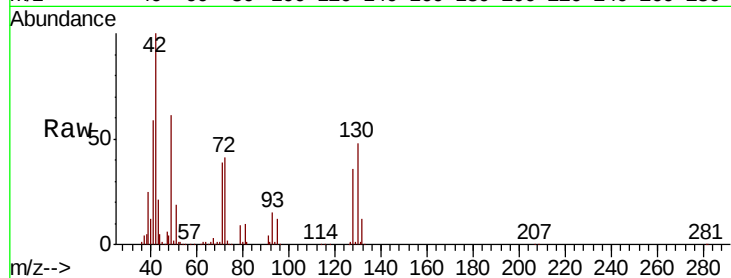




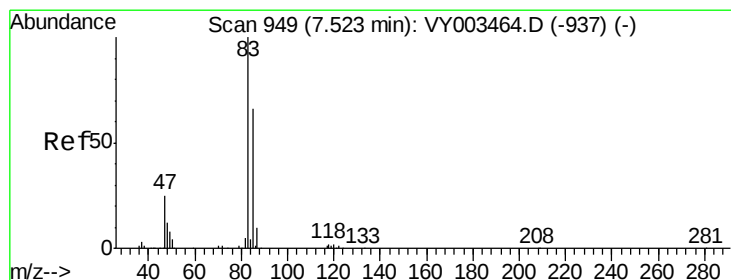
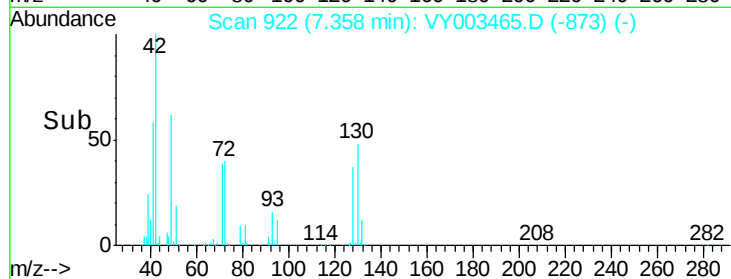
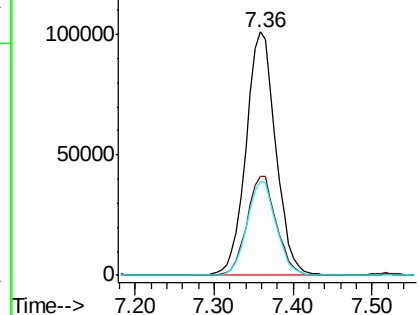
#29
Tetrahydrofuran
Concen: 582.189 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.8	49.2
71	37.9	30.7	46.1

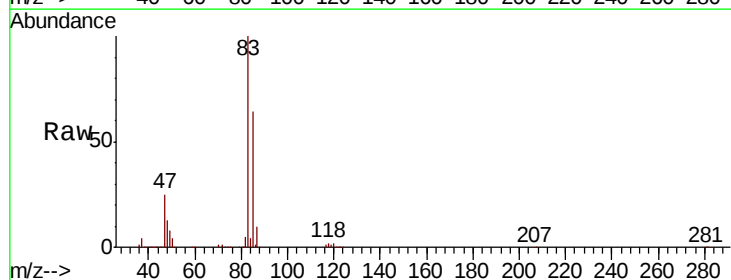


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

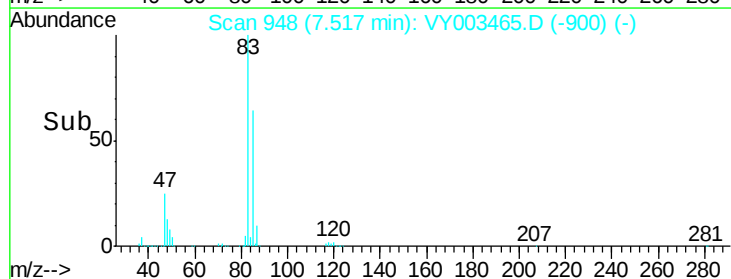
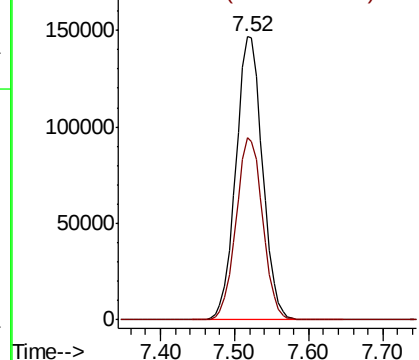


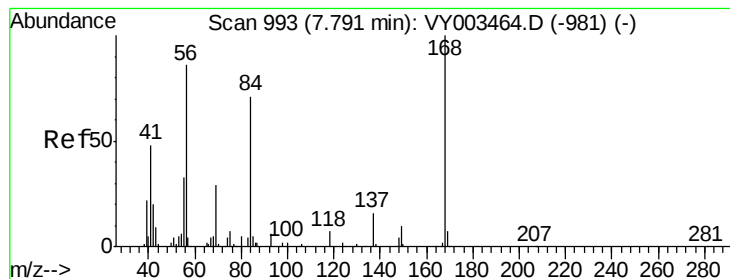
#30
Chloroform
Concen: 101.344 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 100.767 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

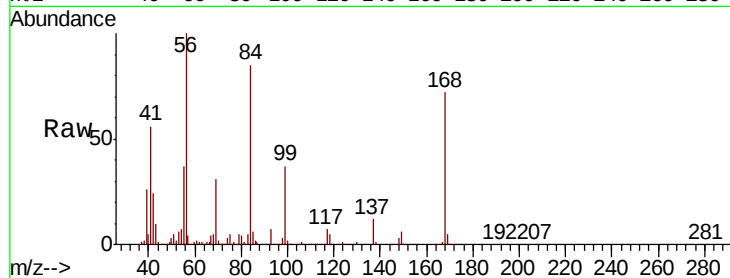
Tot Ion: 56 Resp: 324956

Ion Ratio Lower Upper

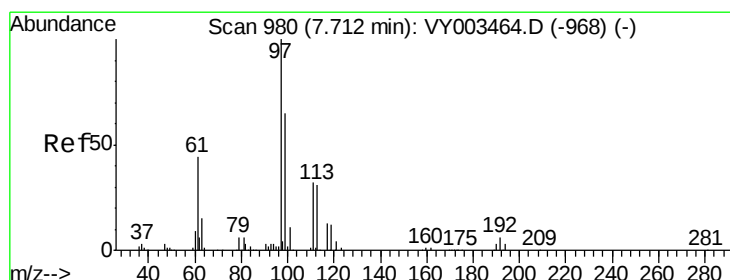
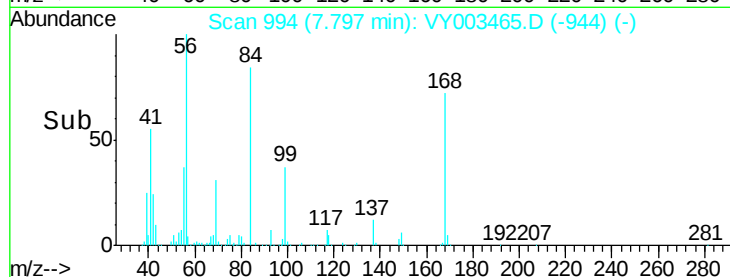
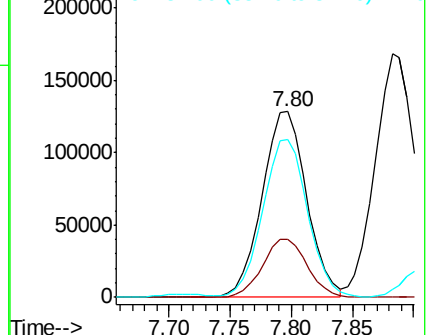
56 100

69 31.4 26.6 39.8

84 83.7 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 103.928 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

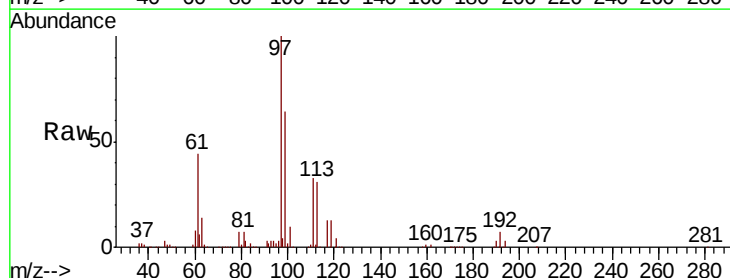
Tgt Ion: 97 Resp: 346828

Ion Ratio Lower Upper

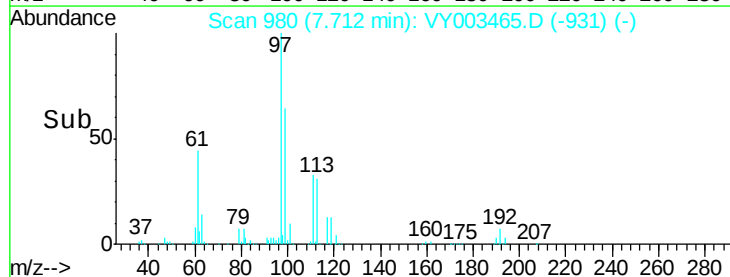
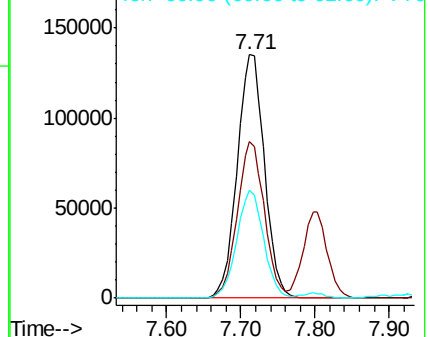
97 100

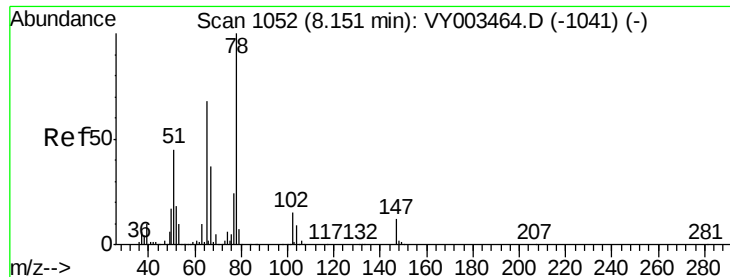
99 63.7 51.6 77.4

61 43.8 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

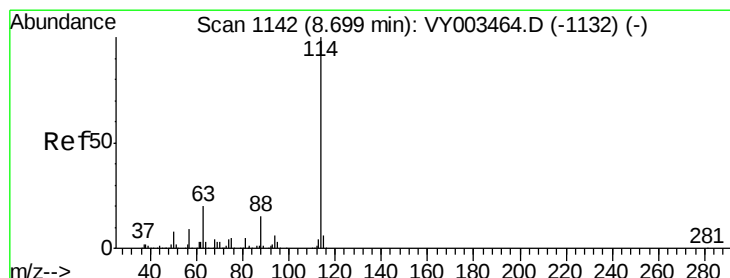
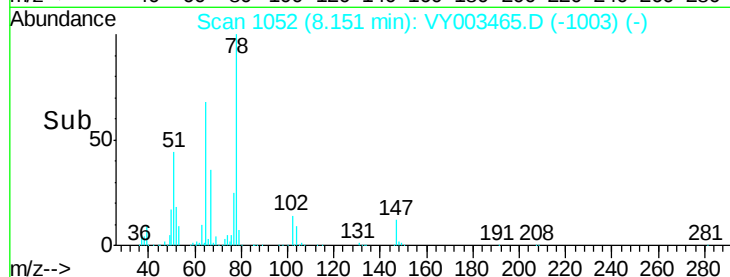
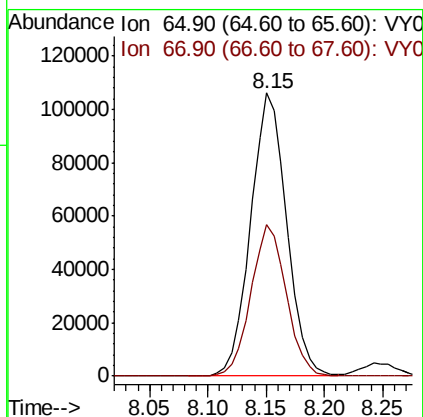
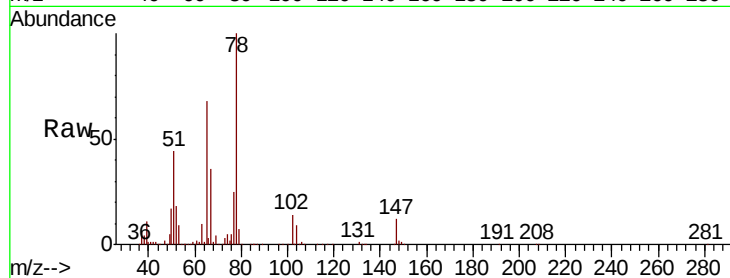




#33
 1,2-Dichloroethane-d4
 Concen: 104.456 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

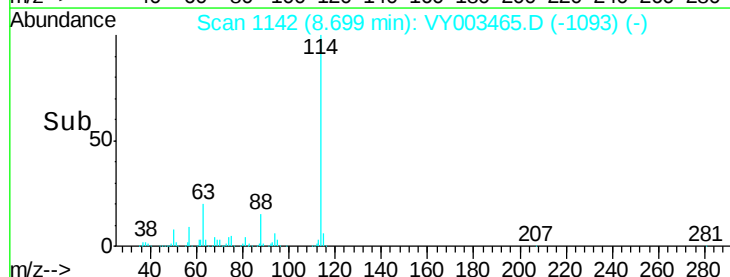
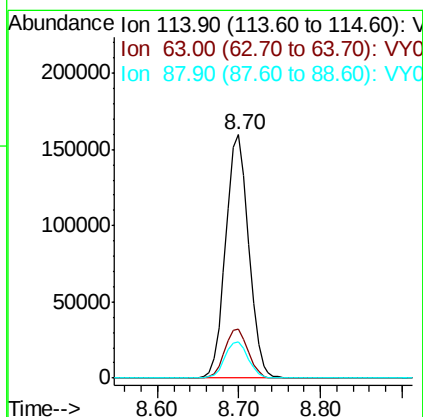
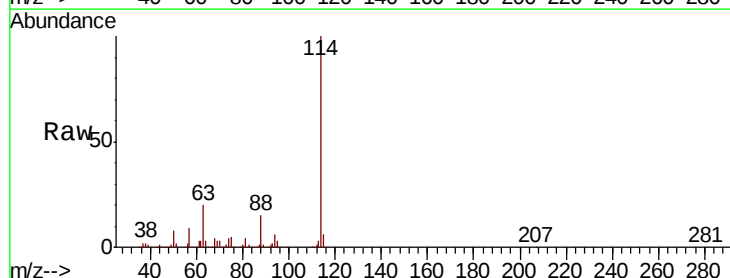
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

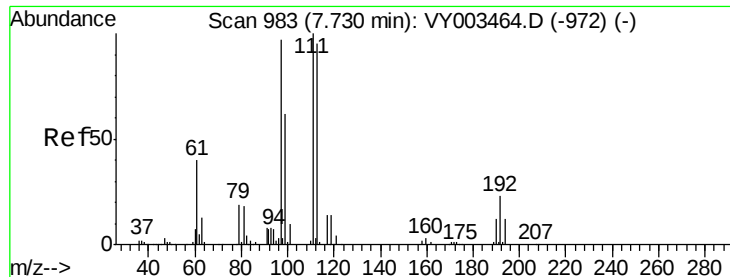
Tot Ion: 65 Resp: 228644
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

Tgt Ion: 114 Resp: 310639
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 14.9 0.0 29.4

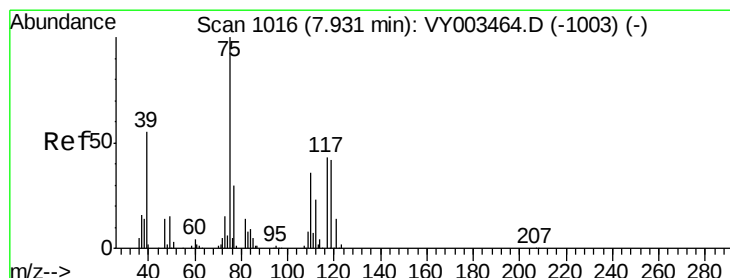
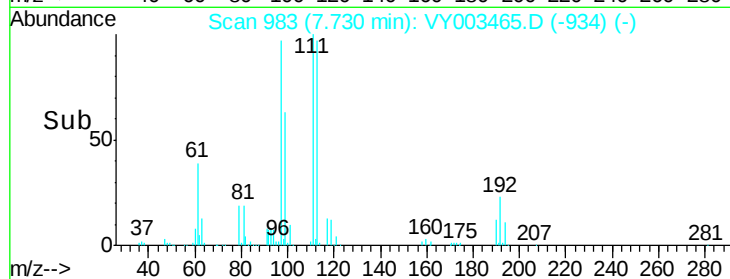
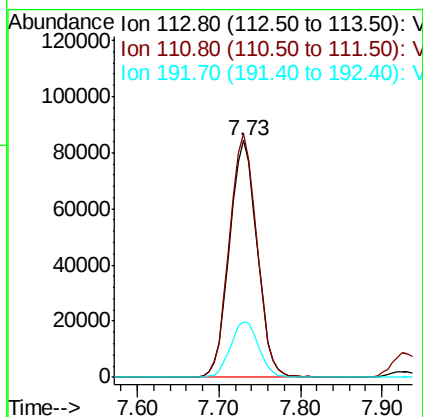
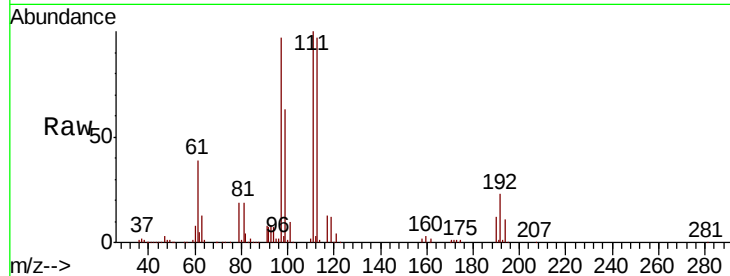




#35
 Dibromofluoromethane
 Concen: 105.738 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

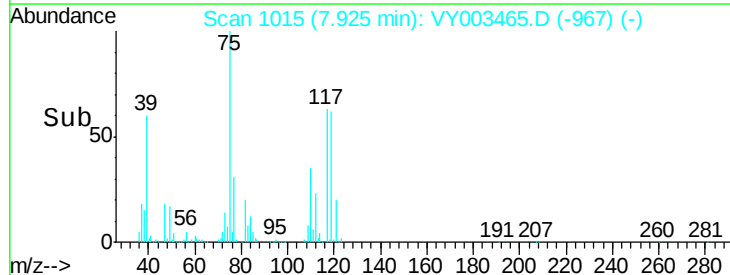
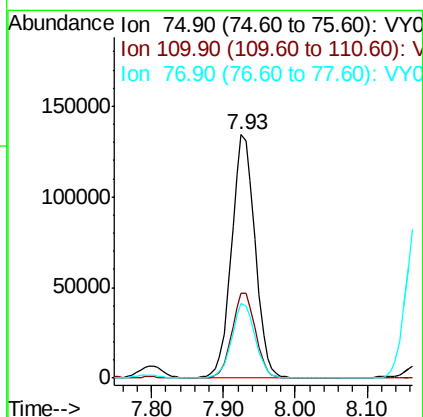
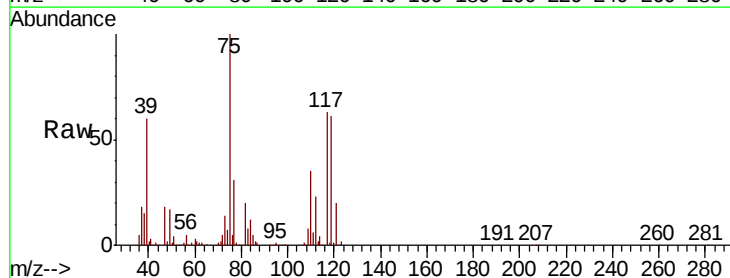
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

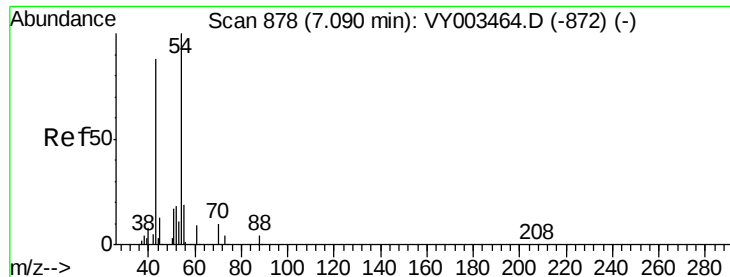
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	24.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 104.023 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.6	52.9
77	30.7	24.7	37.1

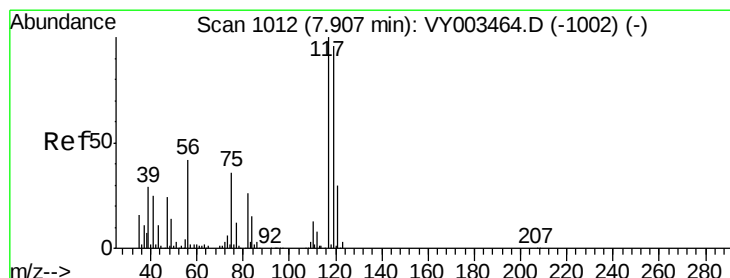
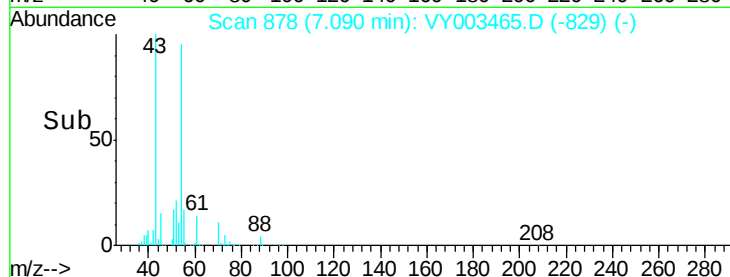
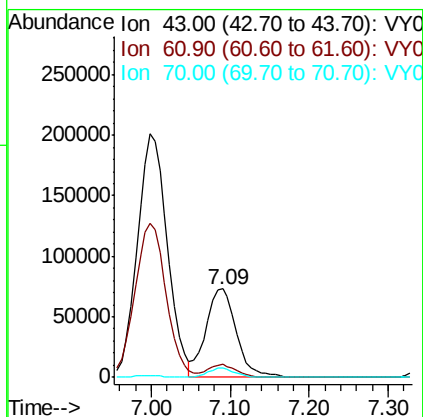
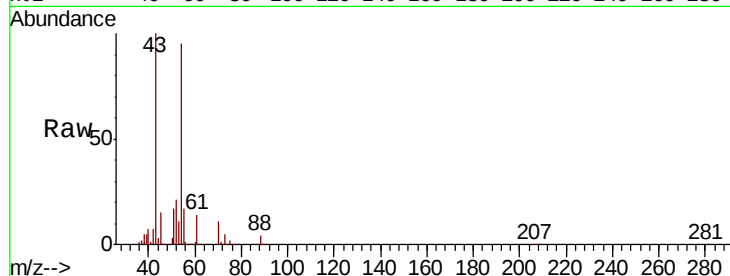




#37
Ethyl Acetate
Concen: 113.720 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

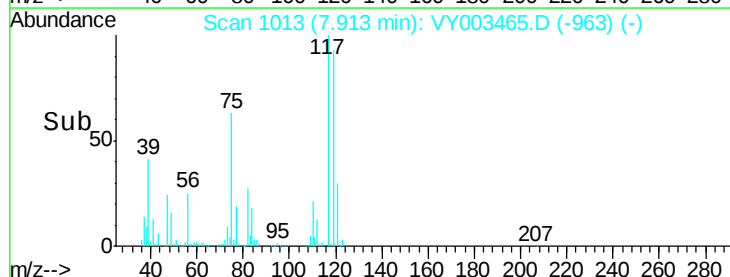
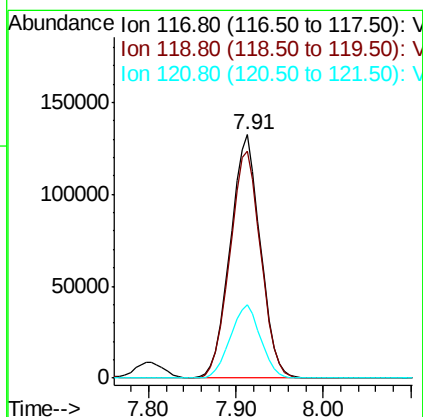
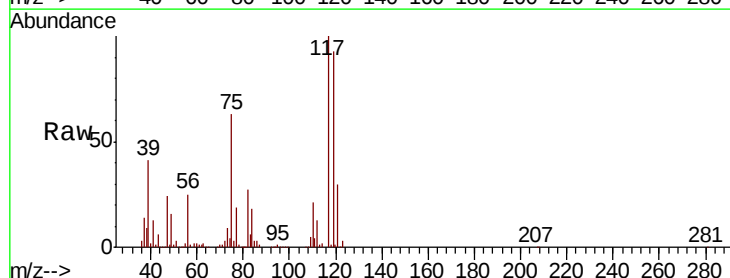
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

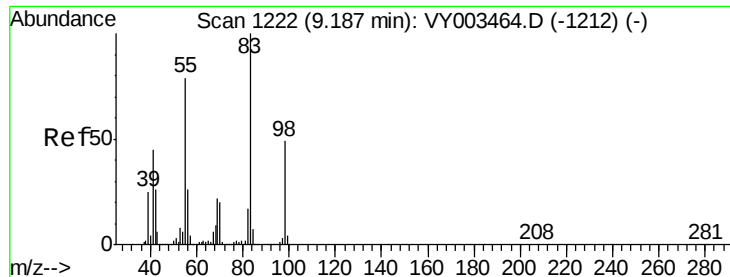
Tot Ion: 43 Resp: 196428
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.6
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 103.735 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion: 117 Resp: 316962
Ion Ratio Lower Upper
117 100
119 93.0 76.2 114.4
121 29.9 24.2 36.4

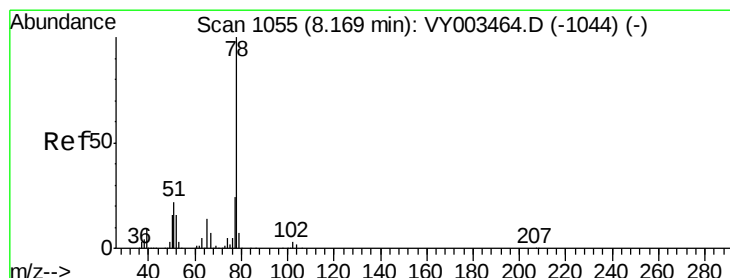
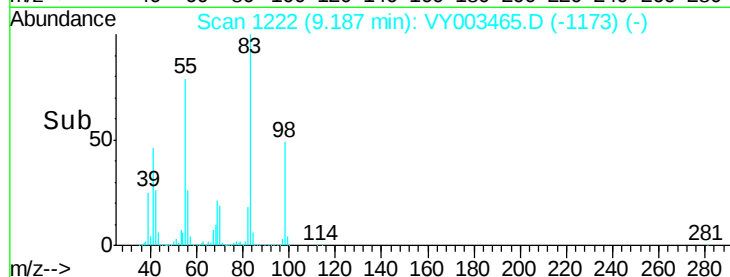
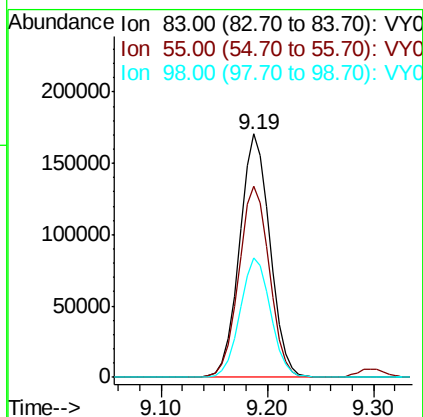
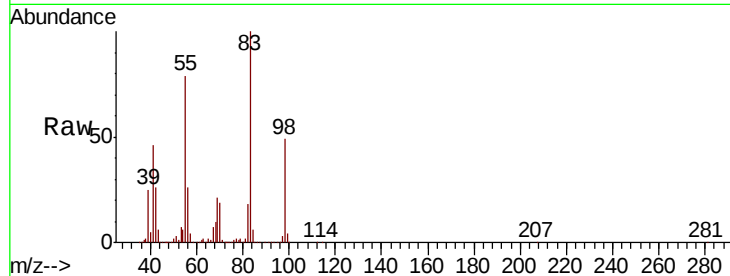




#39
Methylcyclohexane
Concen: 106.180 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

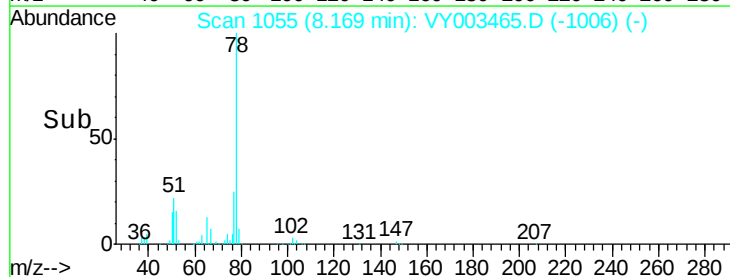
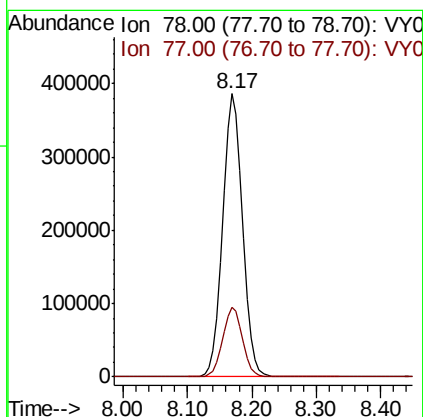
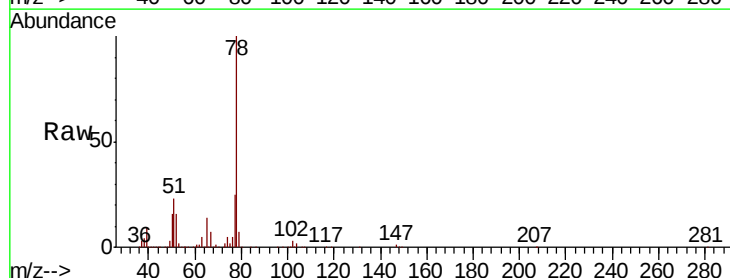
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

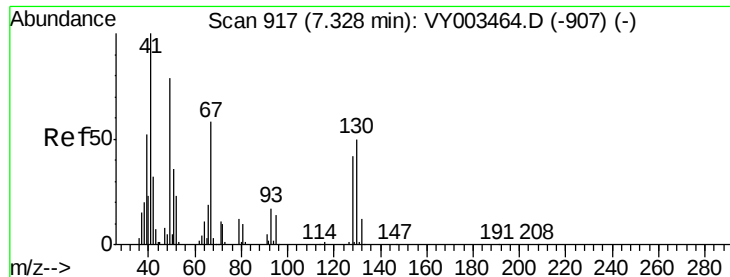
Tot Ion: 83 Resp: 342049
Ion Ratio Lower Upper
83 100
55 78.7 63.5 95.3
98 49.1 39.4 59.2



#40
Benzene
Concen: 101.968 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion: 78 Resp: 841783
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

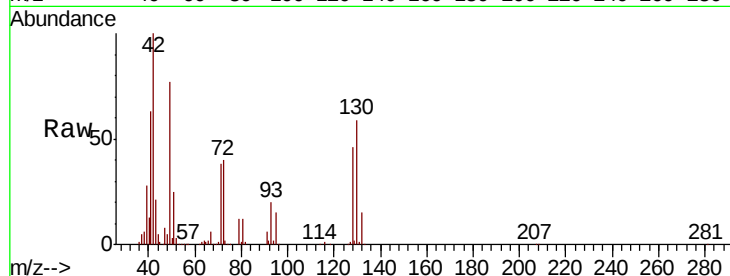




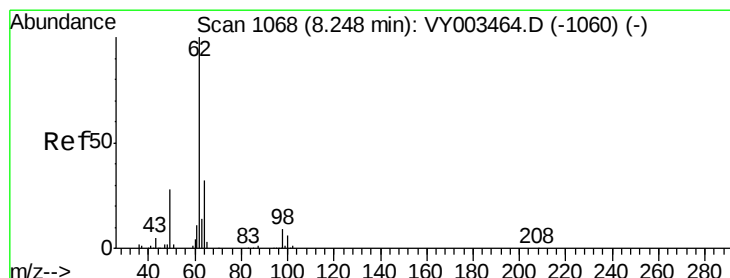
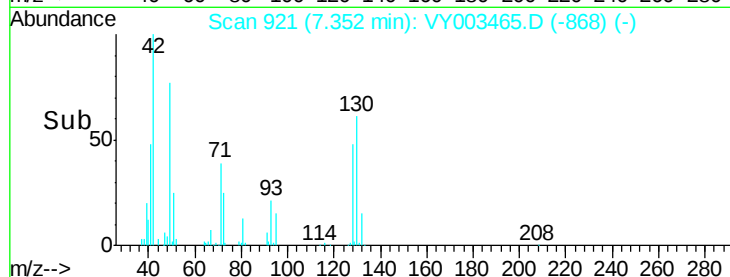
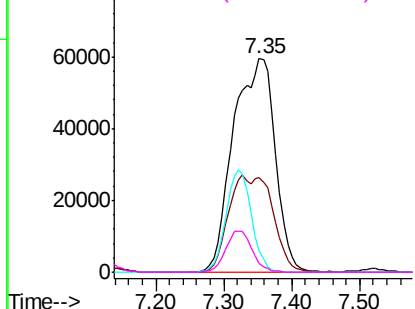
#41
Methacrylonitrile
Concen: 289.643 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	254468
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

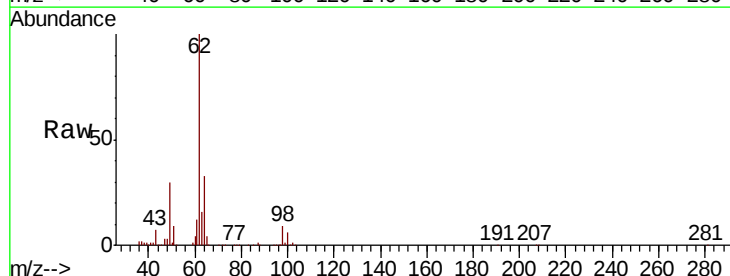


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

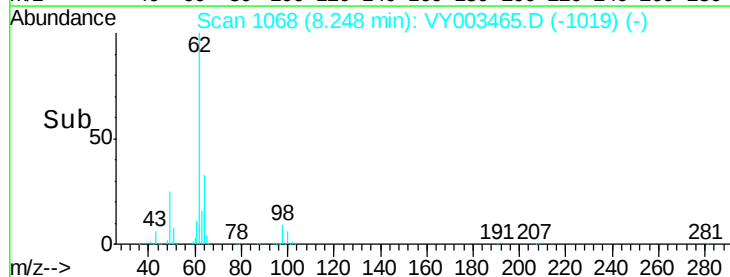
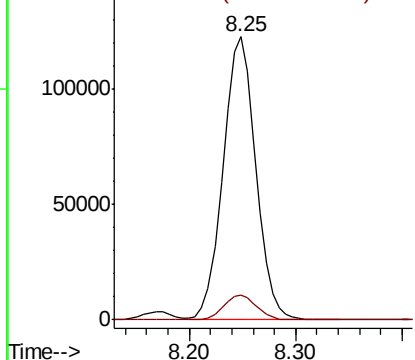


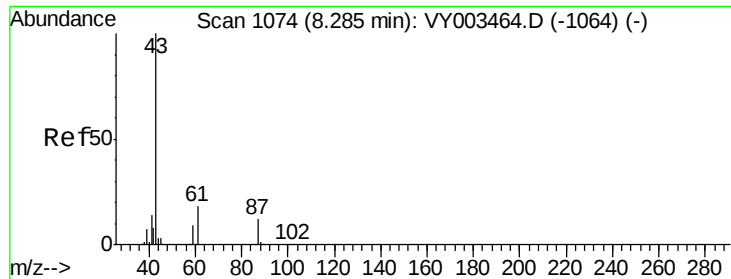
#42
1,2-Dichloroethane
Concen: 100.094 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion:	62	Resp:	262222
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 110.183 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

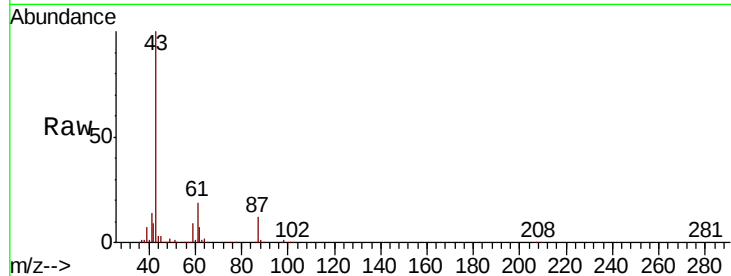
Tot Ion: 43 Resp: 354644

Ion Ratio Lower Upper

43 100

61 27.3 21.9 32.9

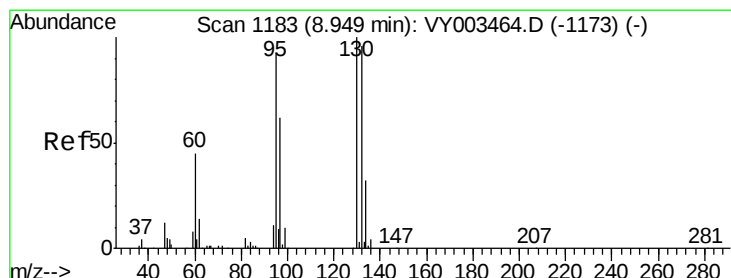
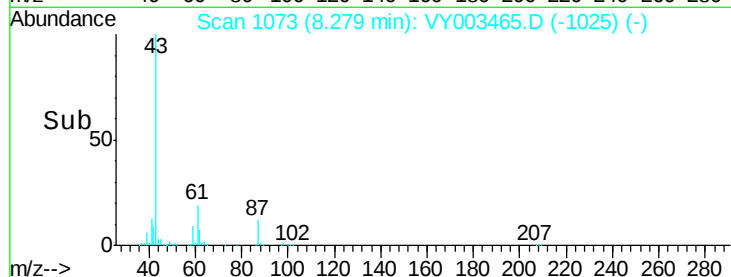
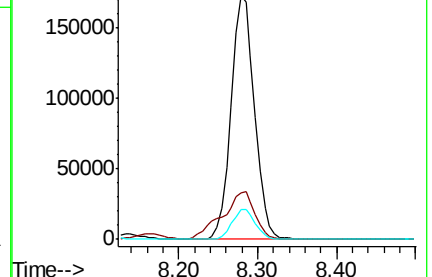
87 12.3 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003464.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003464.D (-1064) (-)



#44

Trichloroethene

Concen: 98.706 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003465.D

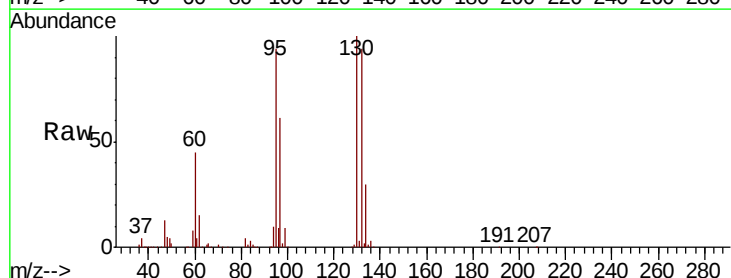
Acq: 02 Nov 2020 11:39

Tgt Ion: 130 Resp: 238443

Ion Ratio Lower Upper

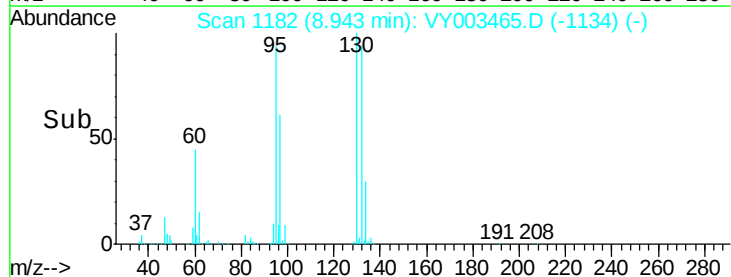
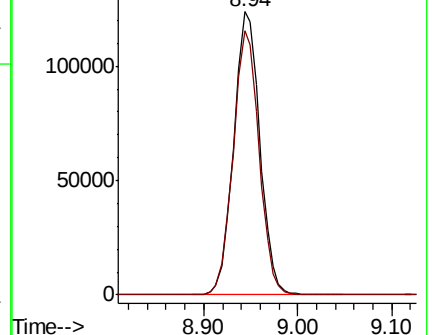
130 100

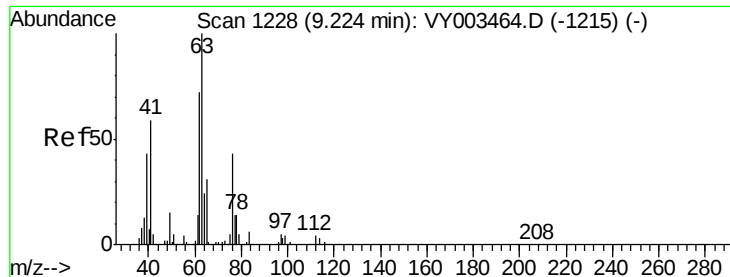
95 93.5 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003464.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY003464.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 100.165 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

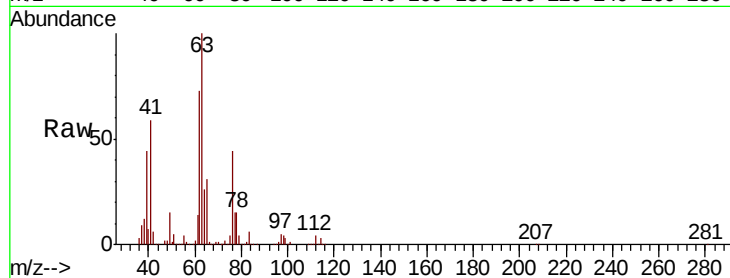
VSTDIC100

Tot Ion: 63 Resp: 210160

Ion Ratio Lower Upper

63 100

65 30.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

120000

100000

80000

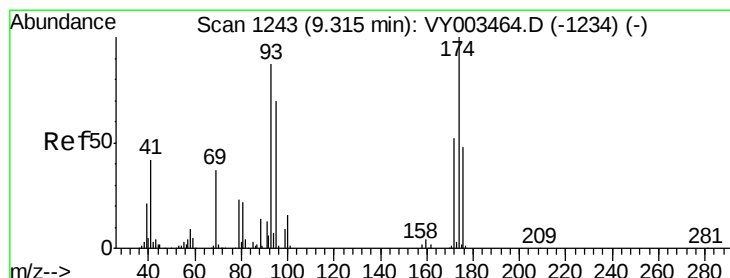
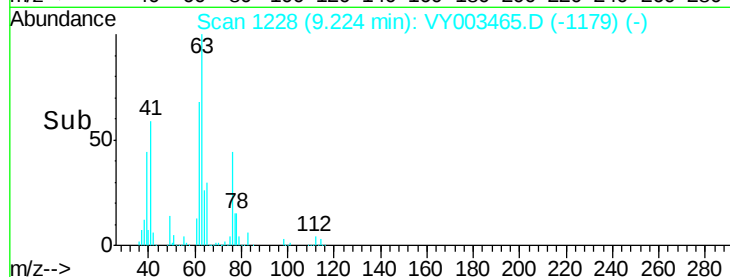
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 99.724 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

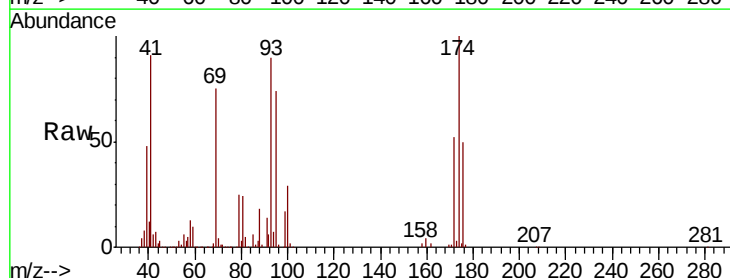
Tgt Ion: 93 Resp: 118086

Ion Ratio Lower Upper

93 100

95 82.6 65.0 97.6

174 113.8 91.8 137.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.31

80000

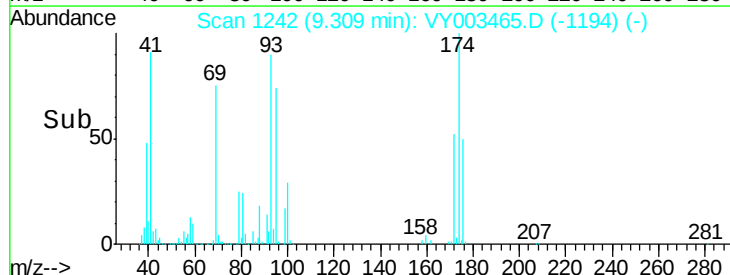
60000

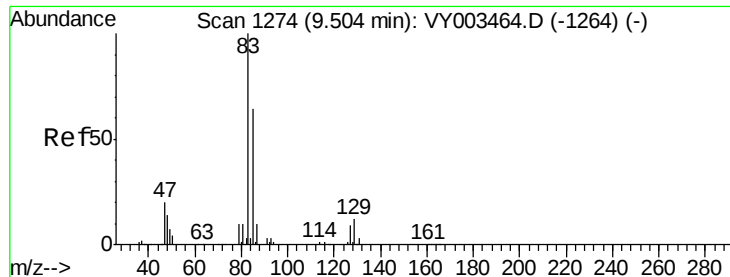
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 99.507 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

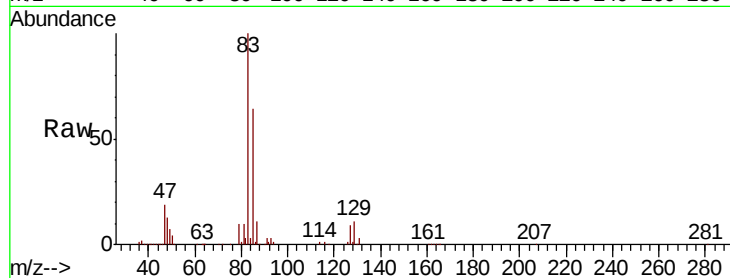
Tot Ion: 83 Resp: 289147

Ion Ratio Lower Upper

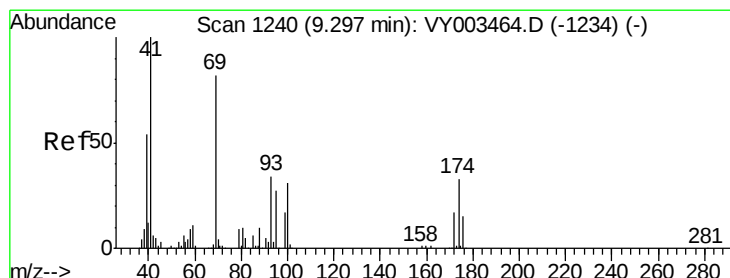
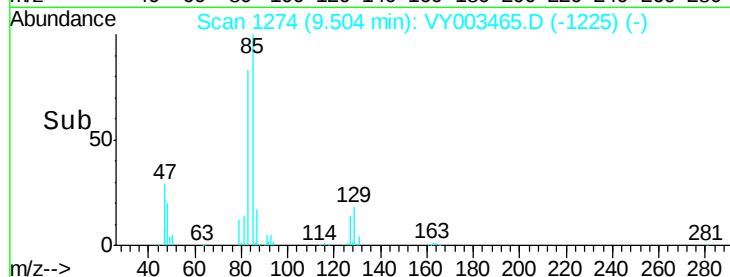
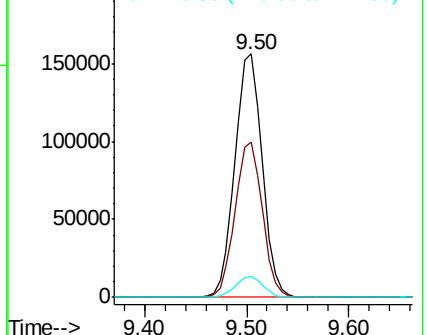
83 100

85 63.6 51.0 76.6

127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 112.845 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

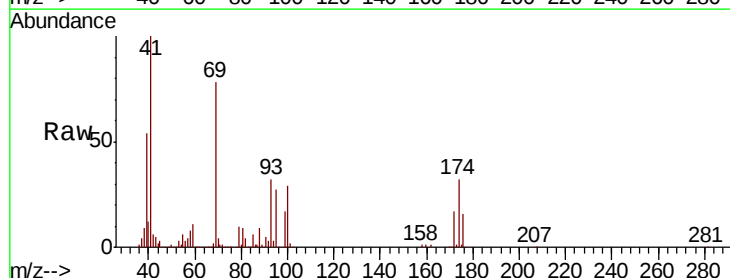
Tgt Ion: 41 Resp: 171908

Ion Ratio Lower Upper

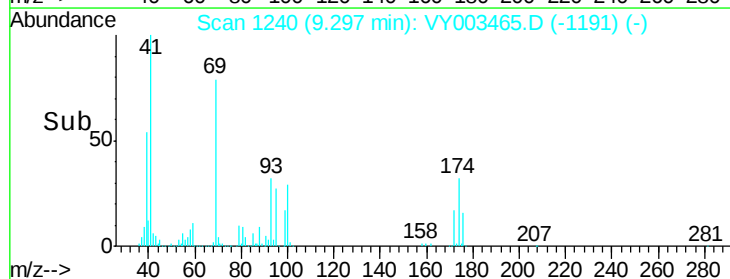
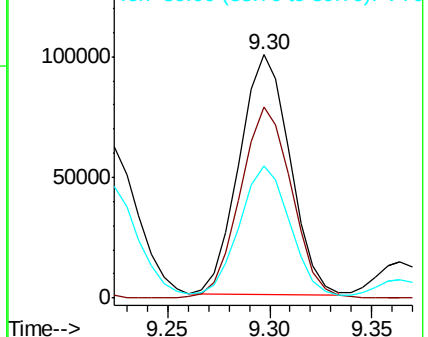
41 100

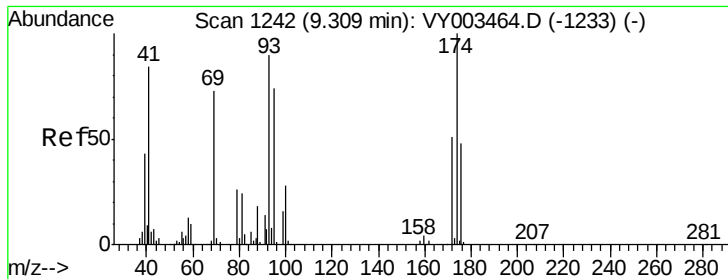
69 80.7 65.9 98.9

39 56.1 43.2 64.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 2205.329 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

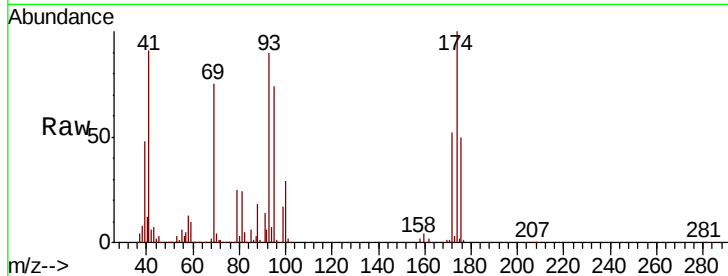
Tot Ion: 88 Resp: 31108

Ion Ratio Lower Upper

88 100

43 35.9 27.6 41.4

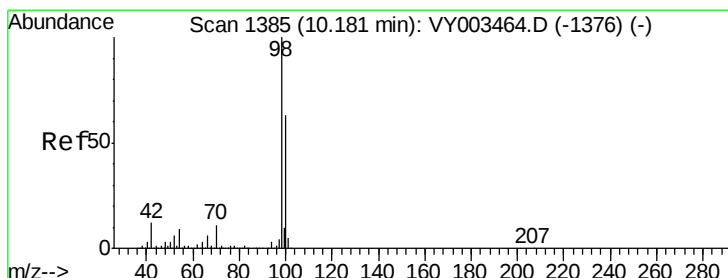
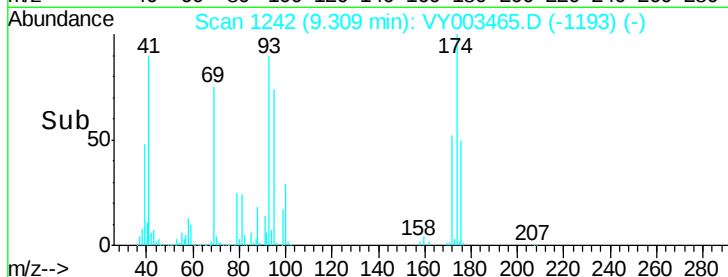
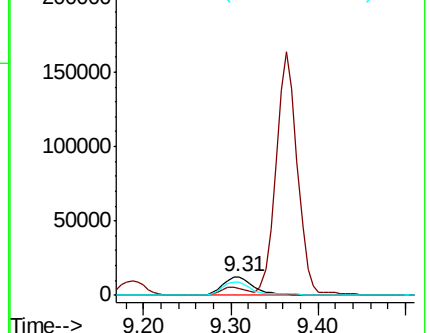
58 66.8 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 104.665 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003465.D

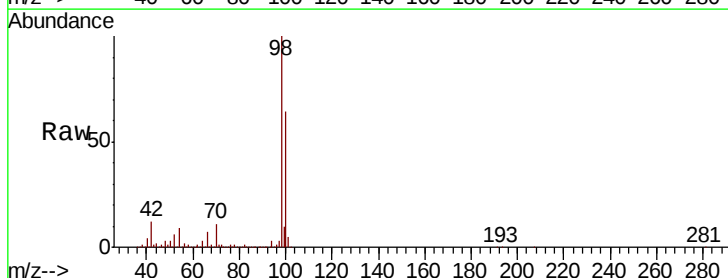
Acq: 02 Nov 2020 11:39

Tgt Ion: 98 Resp: 812922

Ion Ratio Lower Upper

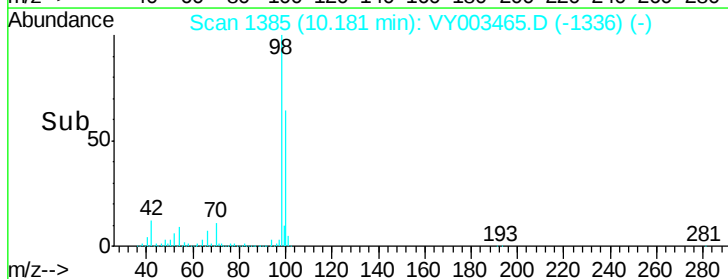
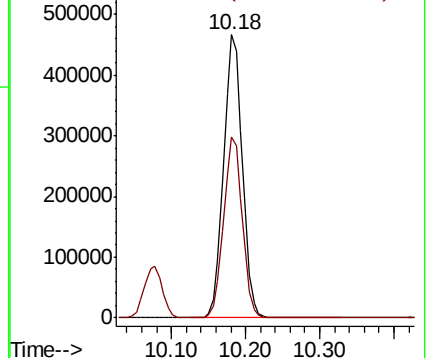
98 100

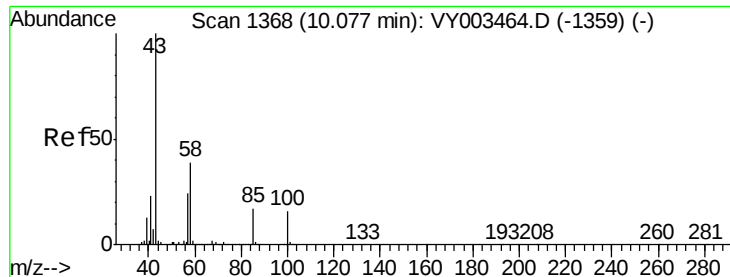
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 561.757 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

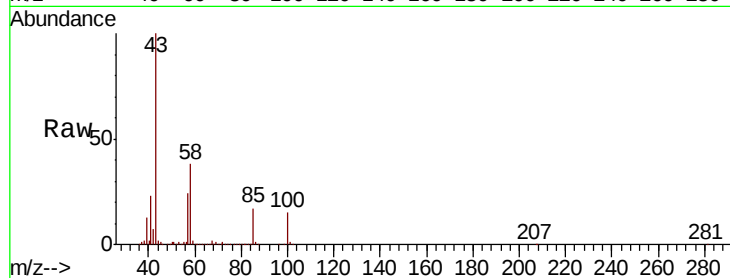
VSTDIC100

Tot Ion: 43 Resp: 962302

Ion Ratio Lower Upper

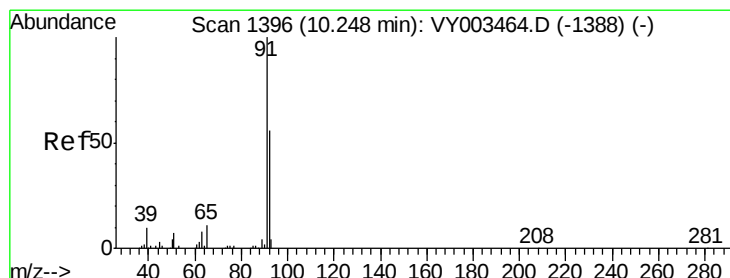
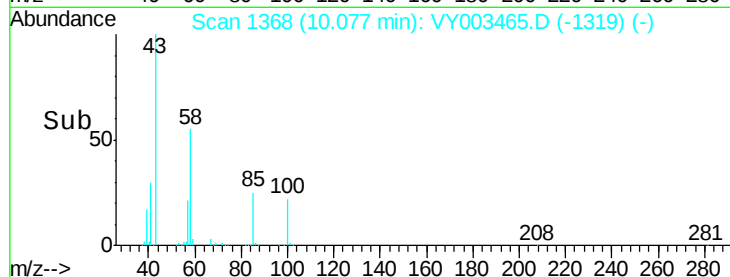
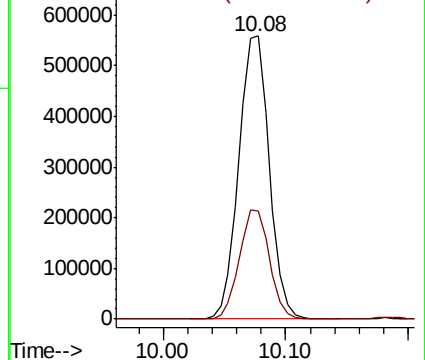
43 100

58 38.3 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 101.780 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY003465.D

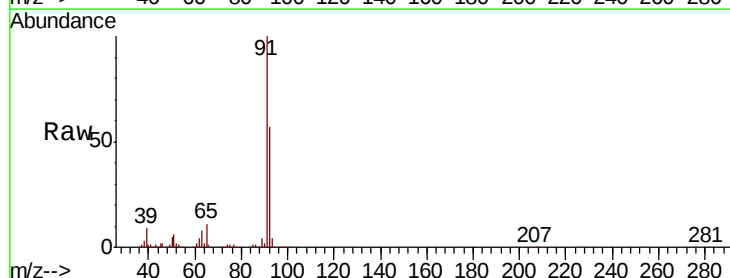
Acq: 02 Nov 2020 11:39

Tgt Ion: 92 Resp: 538986

Ion Ratio Lower Upper

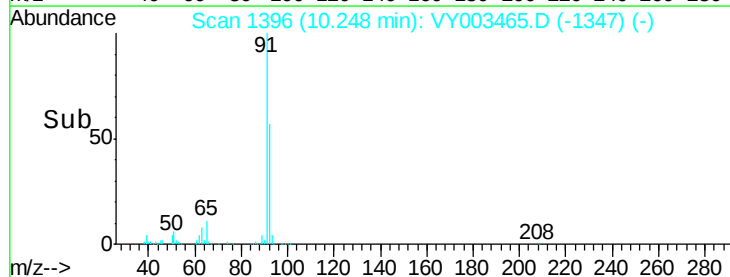
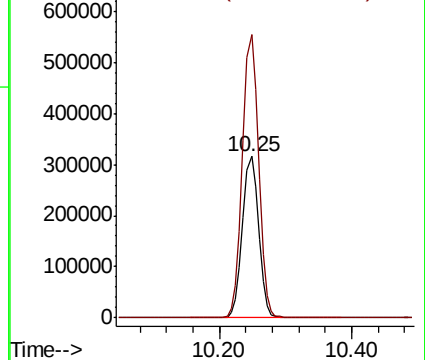
92 100

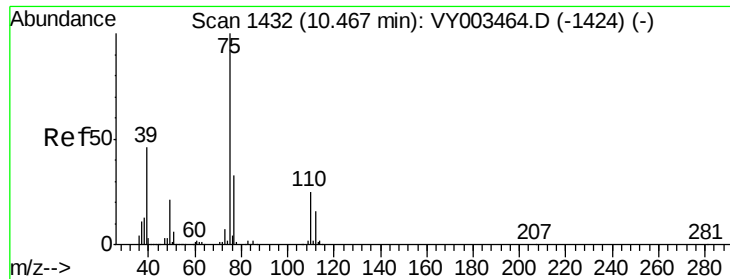
91 174.7 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 102.457 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

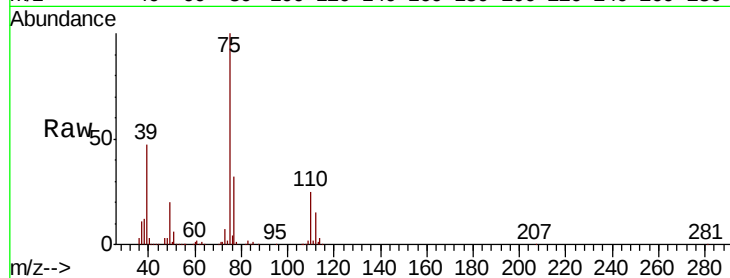
VSTDIC100

Tot Ion: 75 Resp: 316518

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

200000

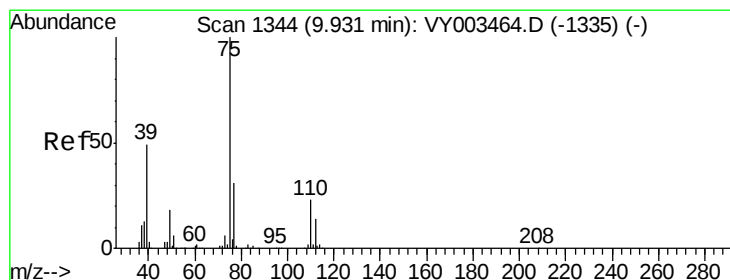
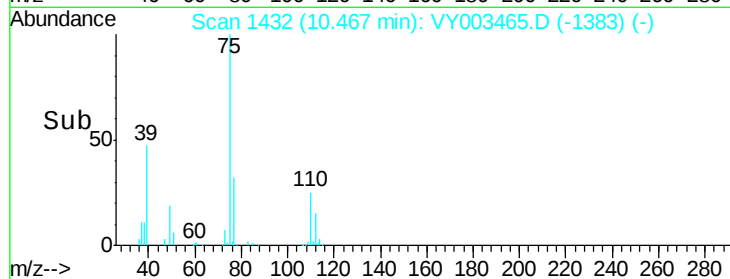
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 101.487 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

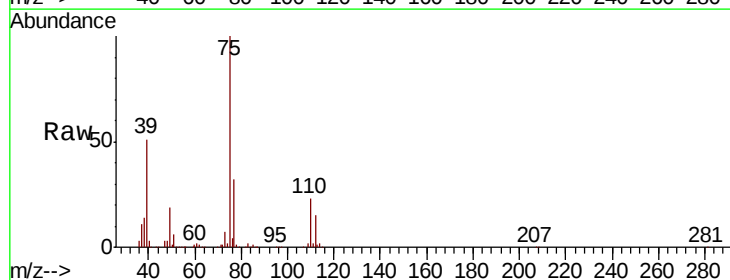
Tgt Ion: 75 Resp: 350884

Ion Ratio Lower Upper

75 100

77 32.4 24.5 36.7

39 50.5 39.0 58.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

250000

200000

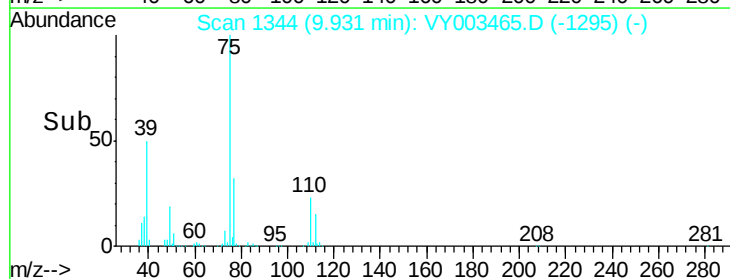
150000

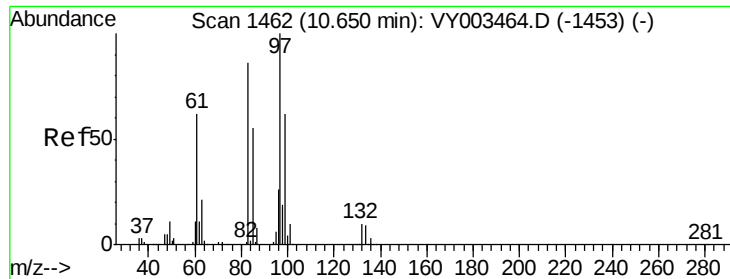
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 98.818 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 166888

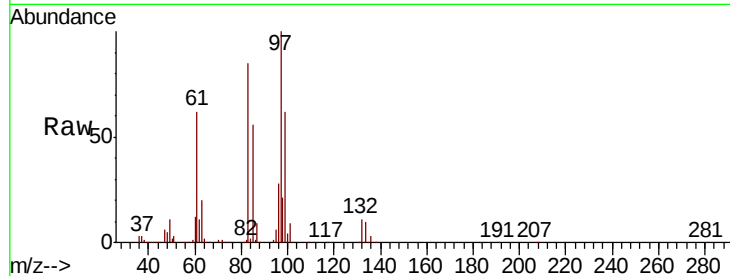
Ion Ratio Lower Upper

97 100

83 84.8 68.6 102.8

85 55.5 43.8 65.6

99 62.3 49.9 74.9

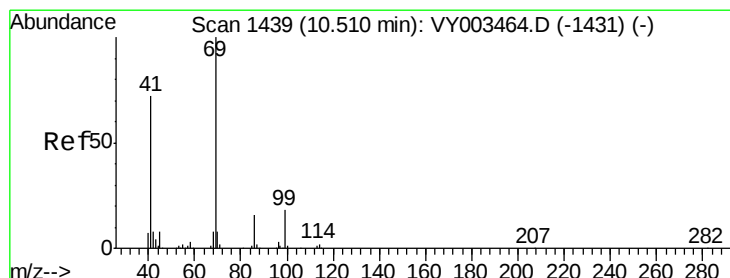
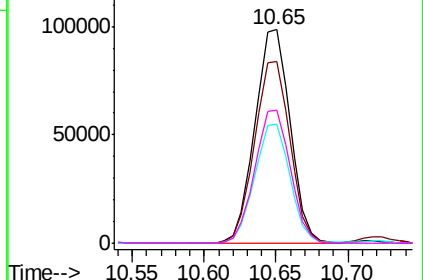
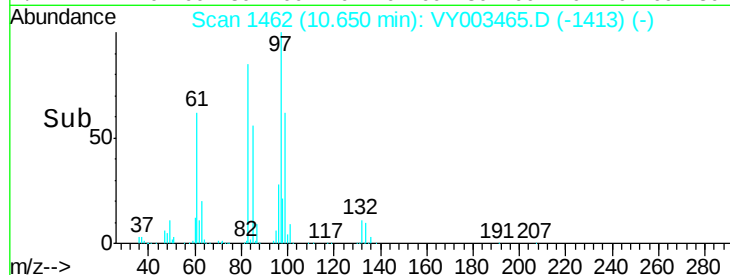


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 107.090 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

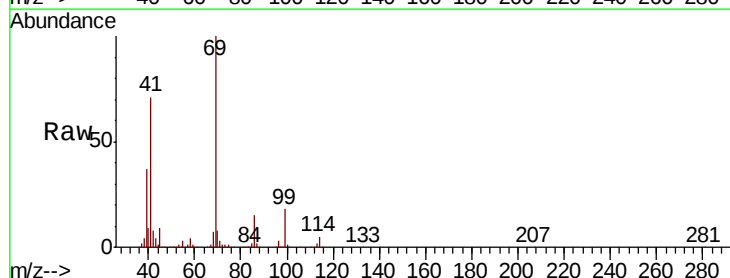
Tgt Ion: 69 Resp: 242892

Ion Ratio Lower Upper

69 100

41 69.6 55.4 83.2

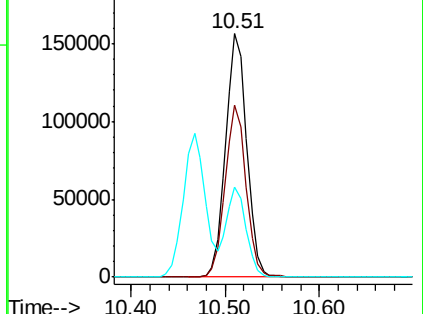
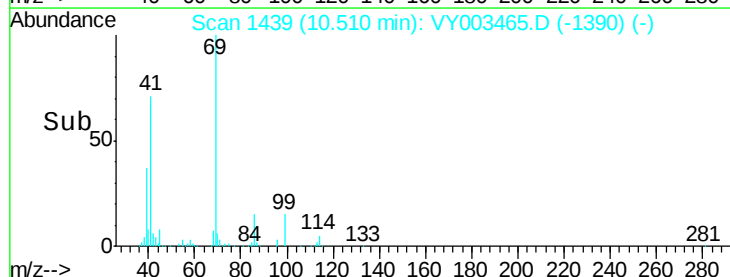
39 34.8 28.7 43.1

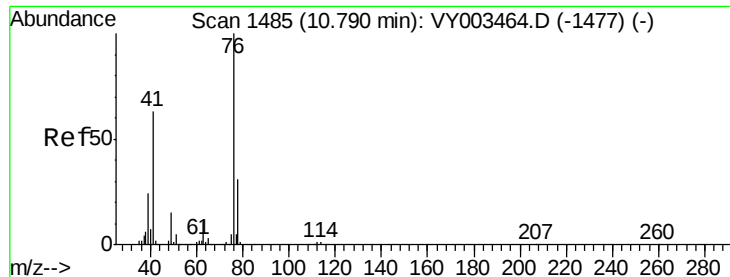


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 100.917 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

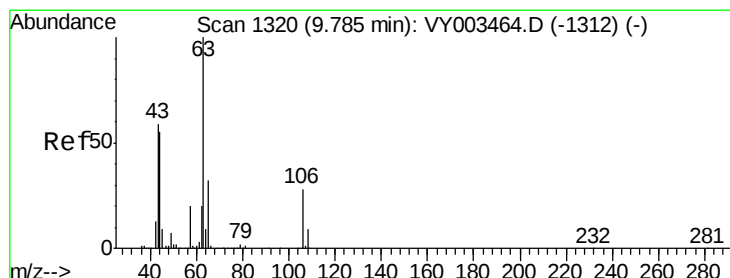
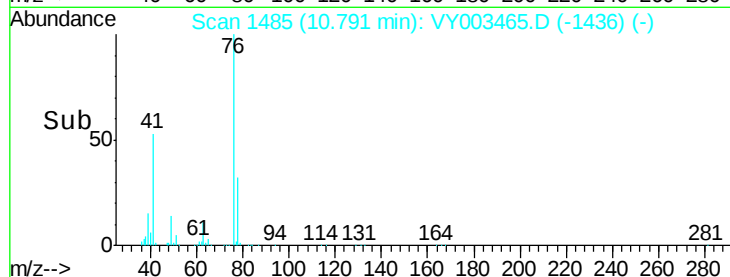
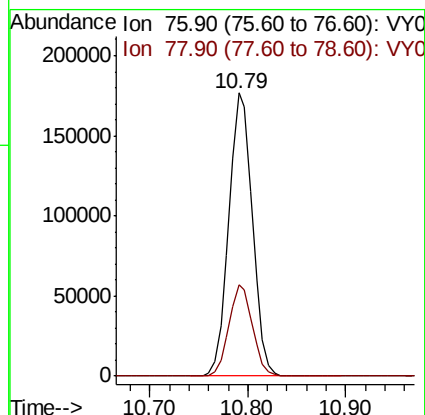
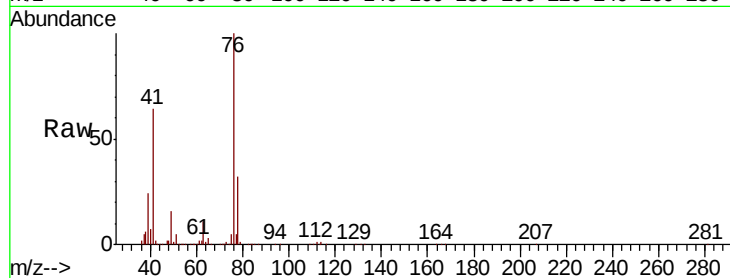
VSTDICC100

Tot Ion: 76 Resp: 295258

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 497.418 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003465.D

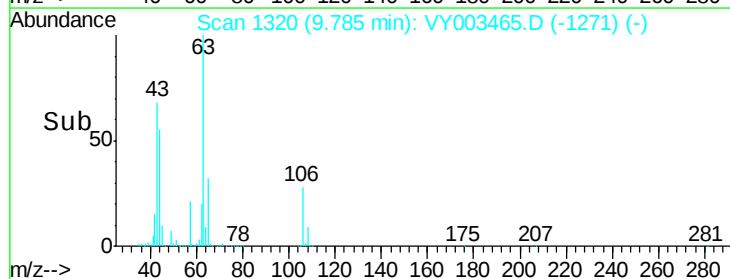
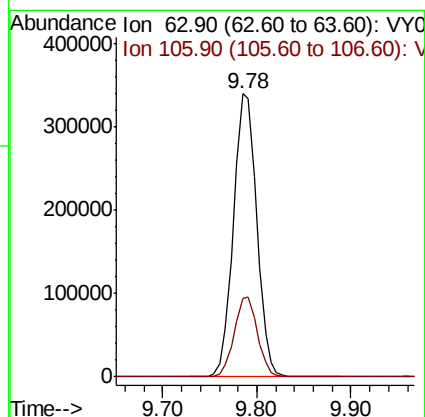
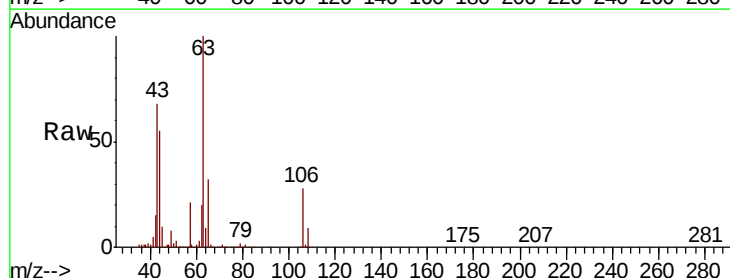
Acq: 02 Nov 2020 11:39

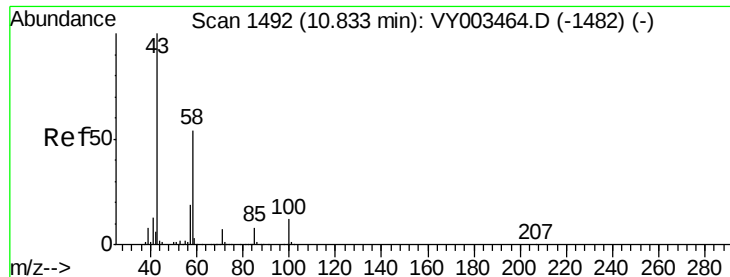
Tgt Ion: 63 Resp: 586765

Ion Ratio Lower Upper

63 100

106 28.1 22.3 33.5

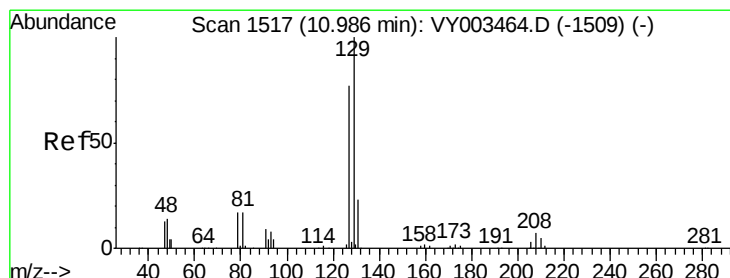
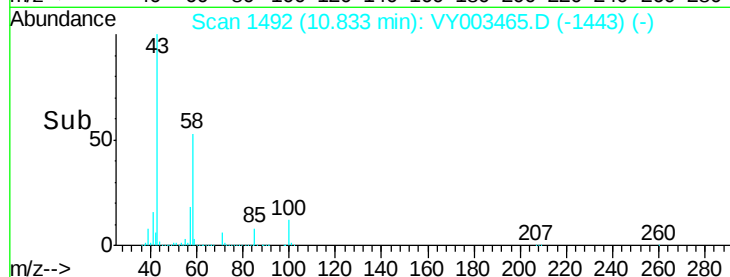
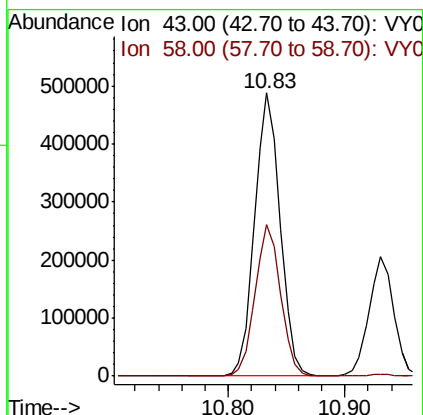
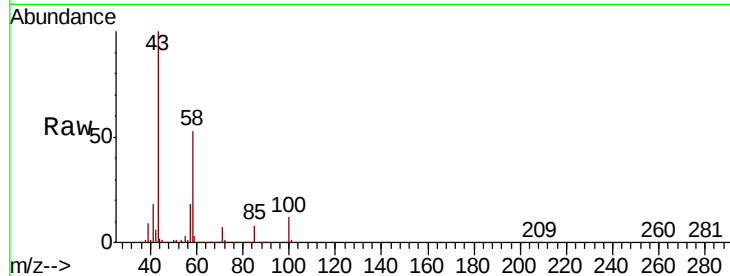




#59
2-Hexanone
Concen: 611.308 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

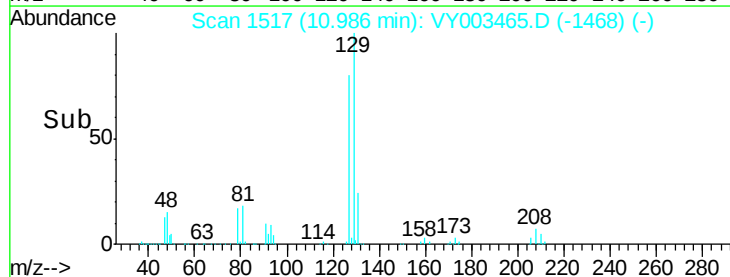
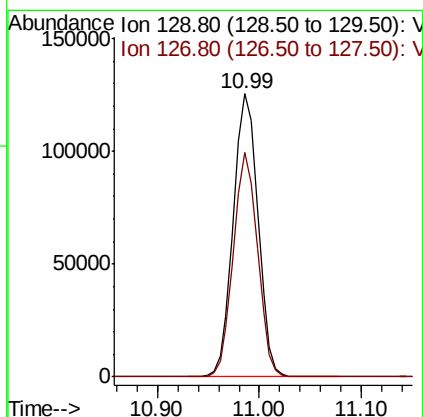
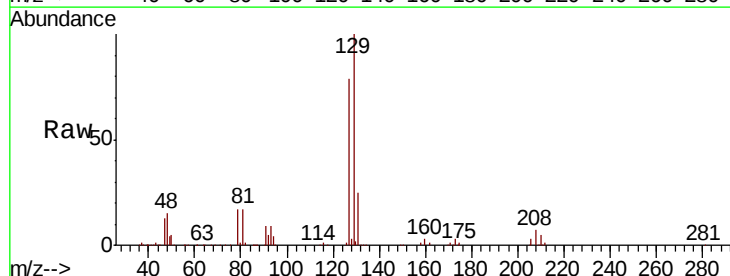
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

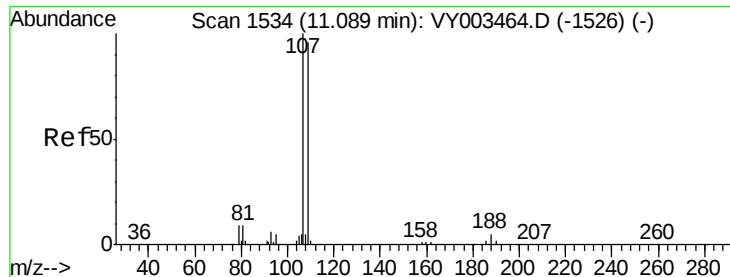
Tot Ion: 43 Resp: 746521
Ion Ratio Lower Upper
43 100
58 53.4 26.8 80.3



#60
Dibromochloromethane
Concen: 98.738 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion: 129 Resp: 210190
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3

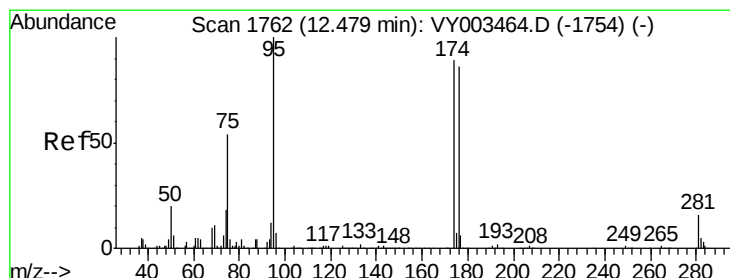
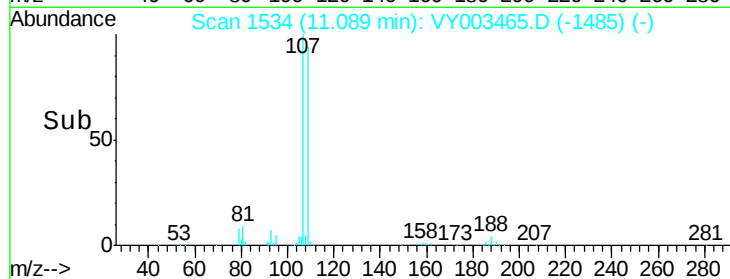
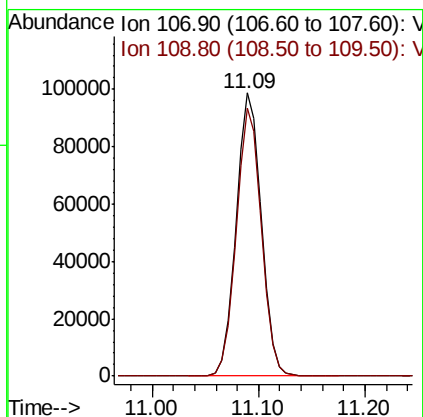
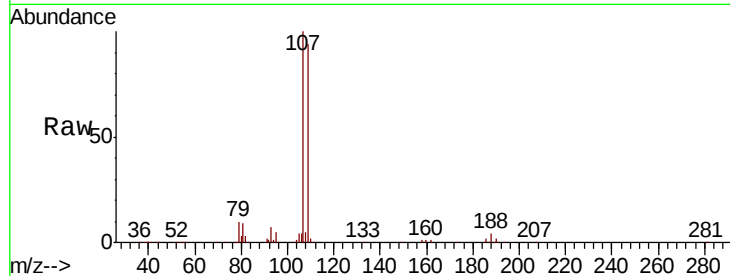




#61
 1,2-Dibromoethane
 Concen: 100.918 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

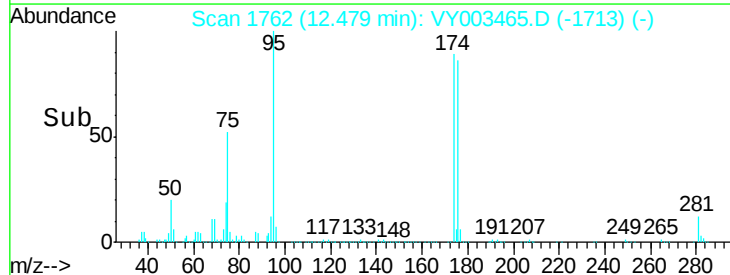
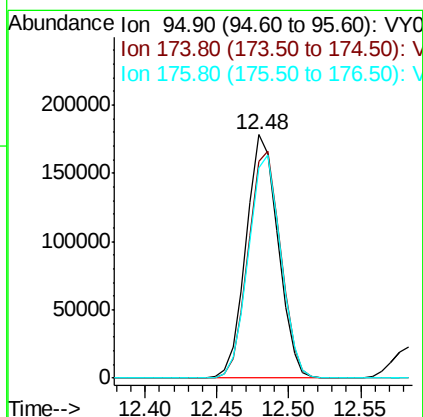
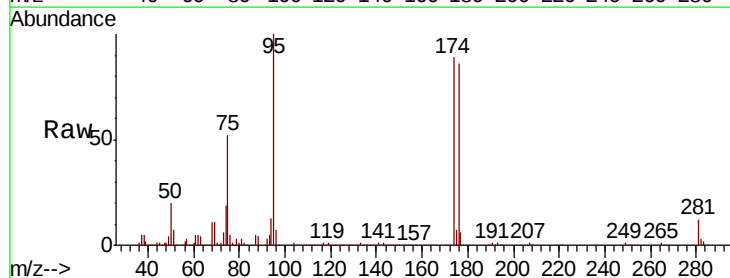
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

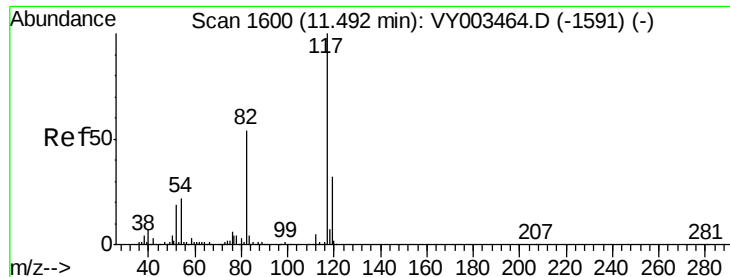
Tot Ion: 107 Resp: 163912
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 102.631 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

Tgt Ion: 95 Resp: 273192
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 193.0
 176 92.3 0.0 187.4

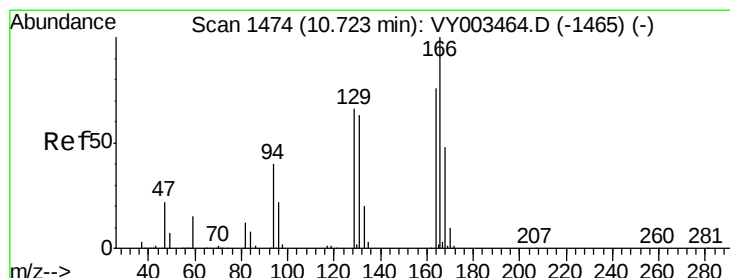
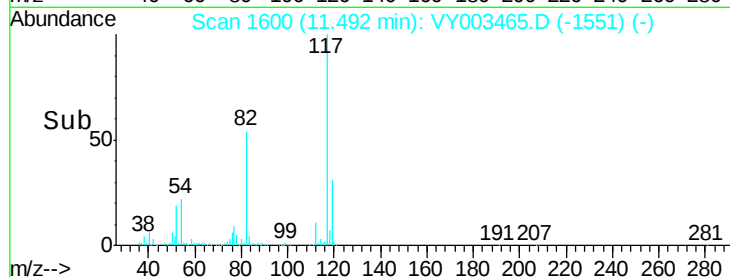
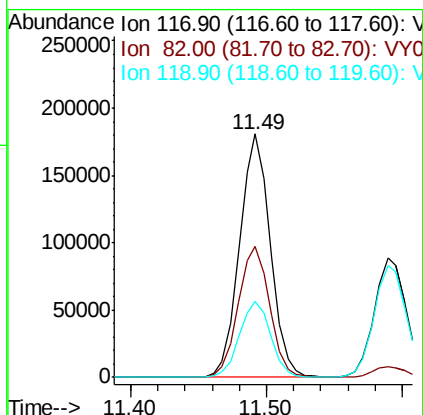
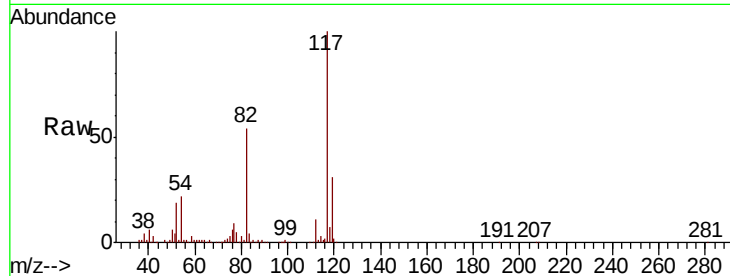




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

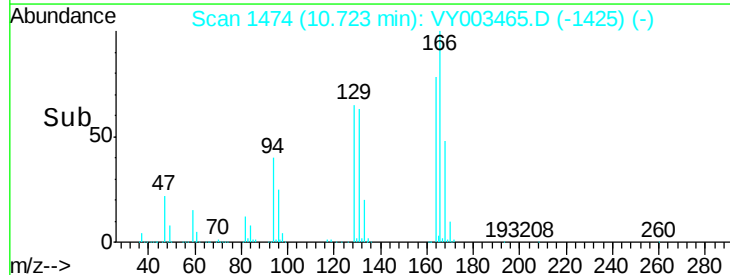
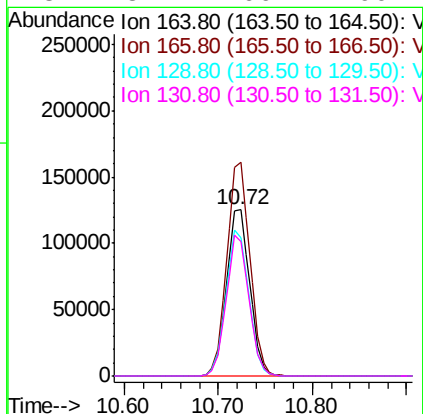
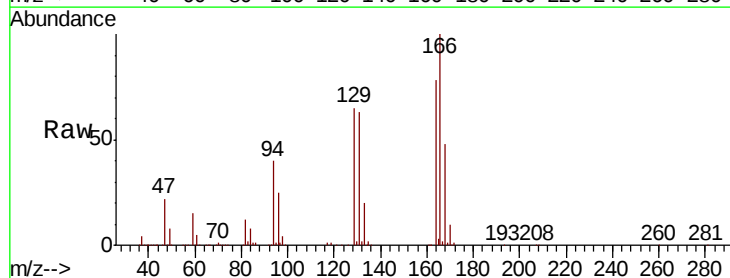
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

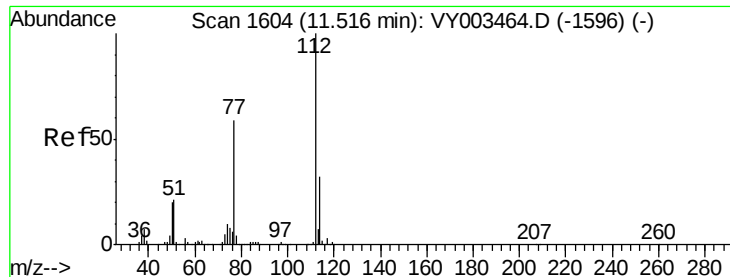
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.4	65.2
119	31.2	25.8	38.6



#64
Tetrachloroethene
Concen: 86.044 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	104.9	157.3
129	83.6	68.9	103.3
131	81.2	66.2	99.2

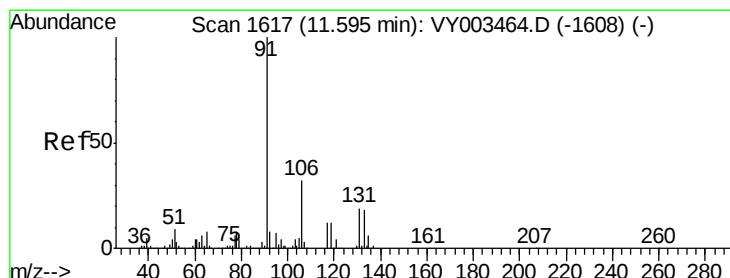
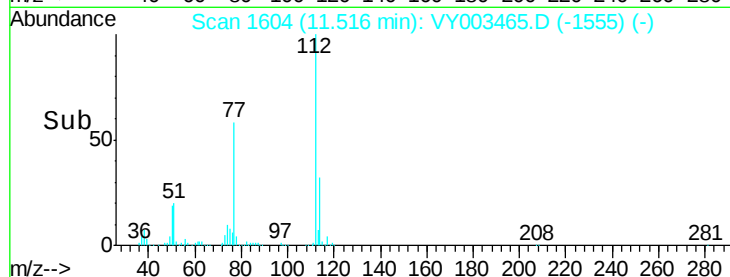
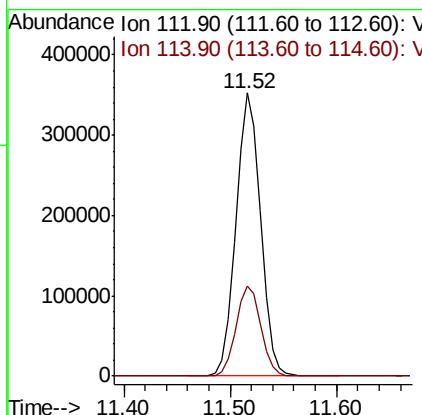
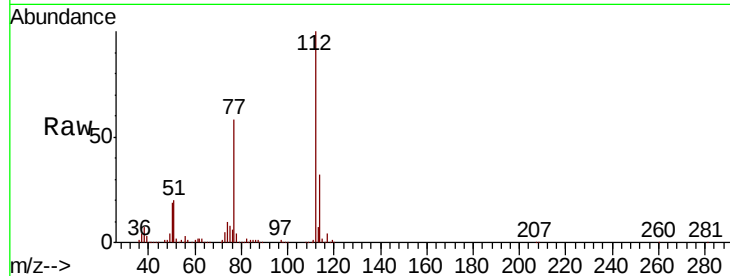




#65
Chlorobenzene
Concen: 100.737 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

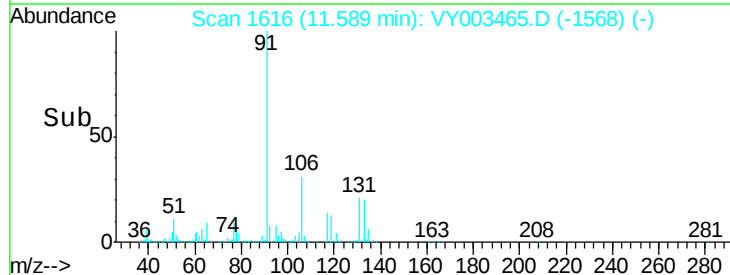
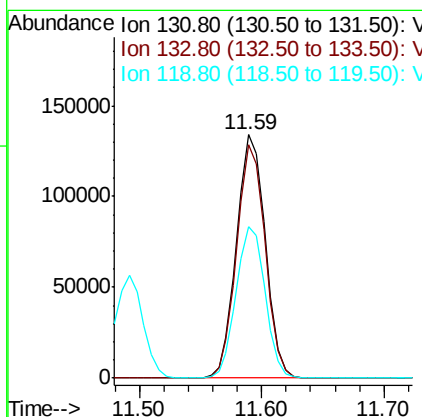
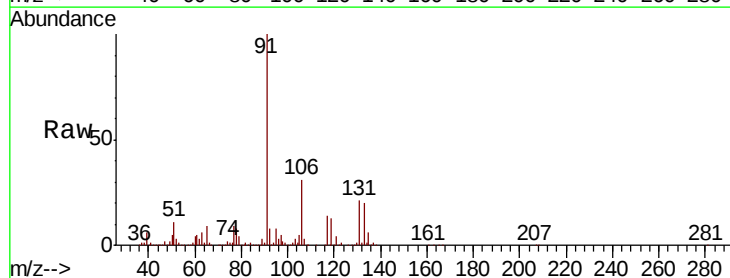
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

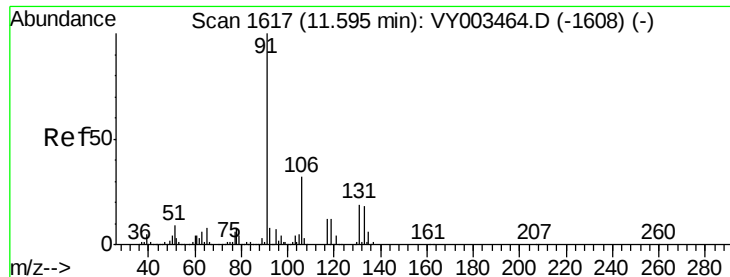
Tot Ion:112 Resp: 571445
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 101.765 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion:131 Resp: 218880
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 62.7 31.6 95.0





#67

Ethyl Benzene

Concen: 104.561 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

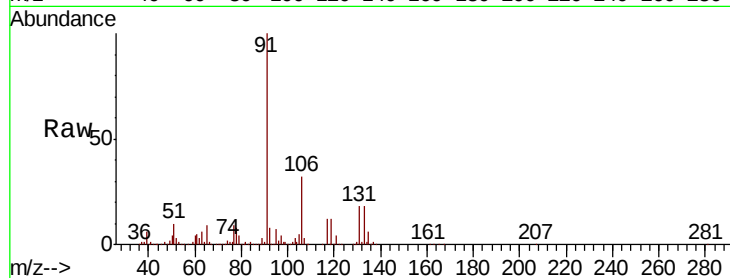
VSTDIC100

Tot Ion: 91 Resp: 1062845

Ion Ratio Lower Upper

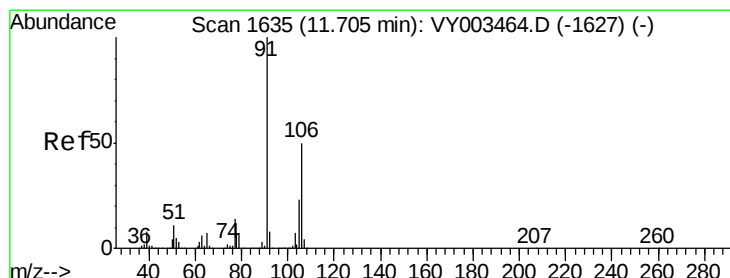
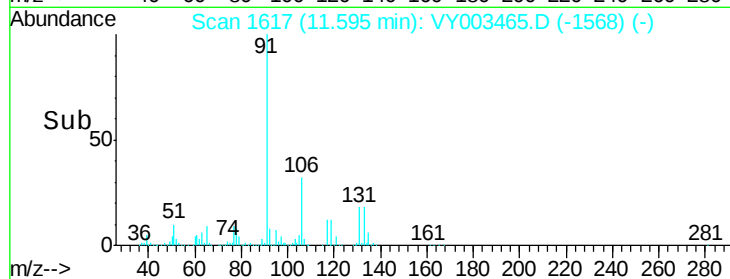
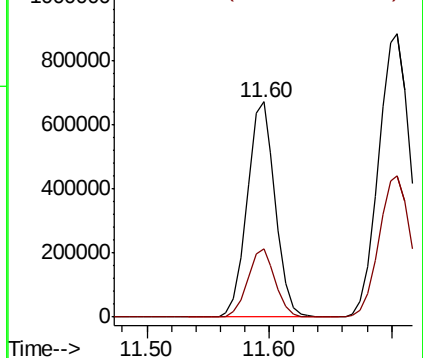
91 100

106 32.0 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 206.407 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY003465.D

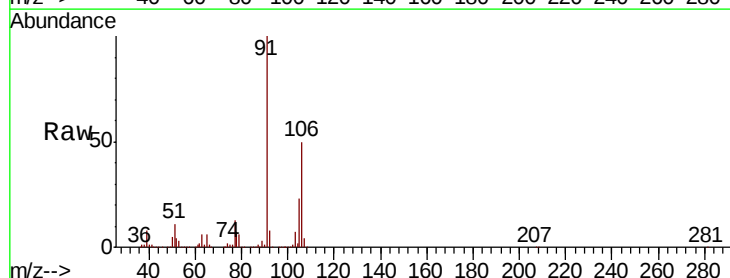
Acq: 02 Nov 2020 11:39

Tgt Ion: 106 Resp: 800227

Ion Ratio Lower Upper

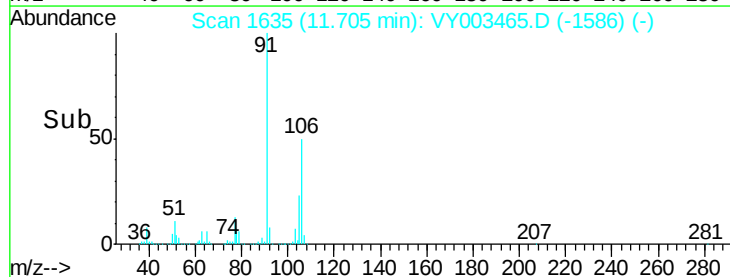
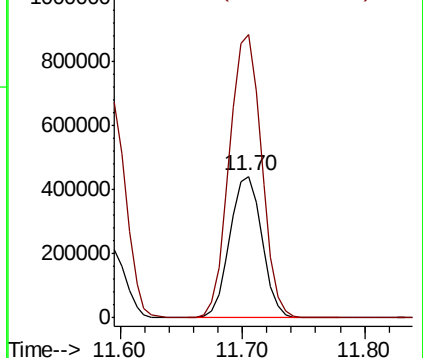
106 100

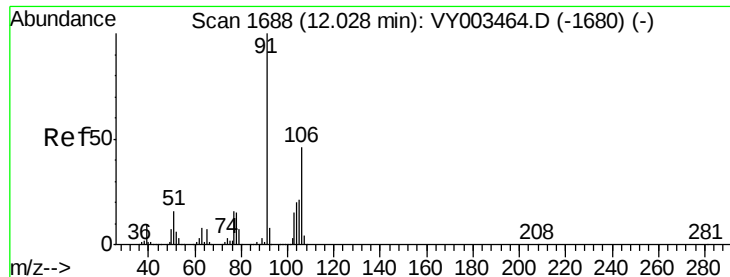
91 201.1 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

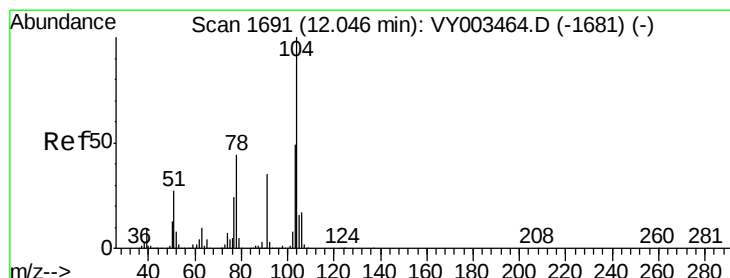
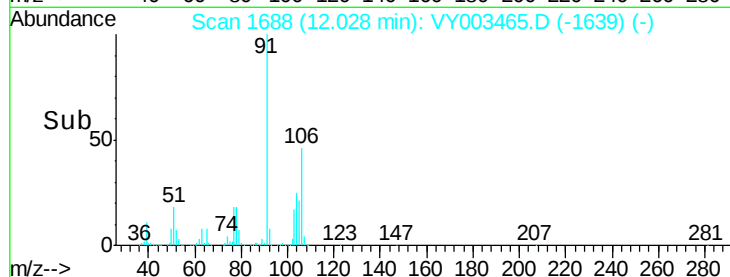
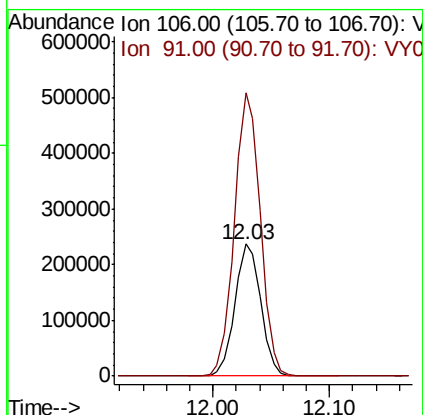
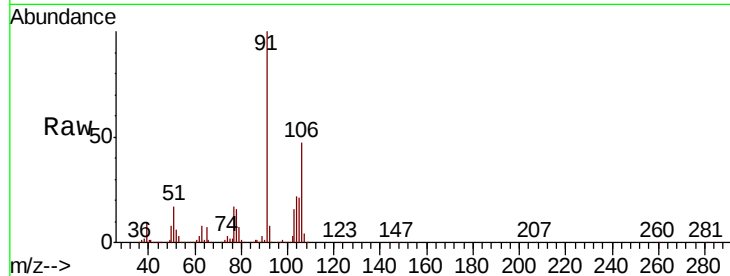




#69
o-Xylene
Concen: 101.510 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

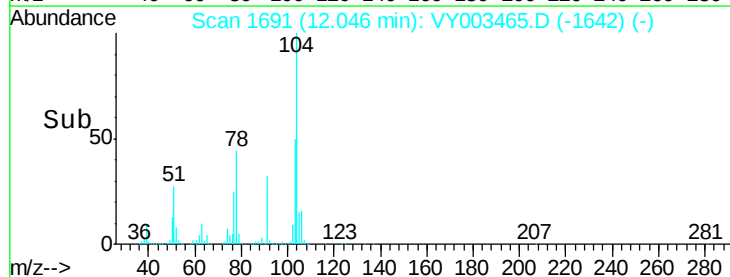
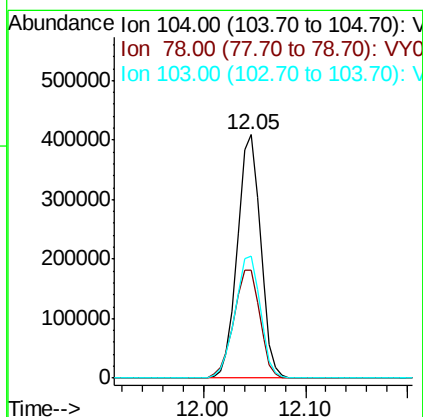
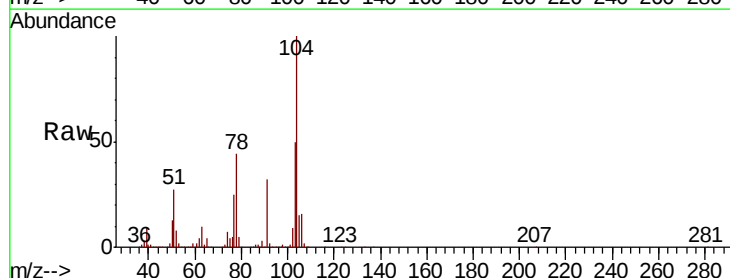
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

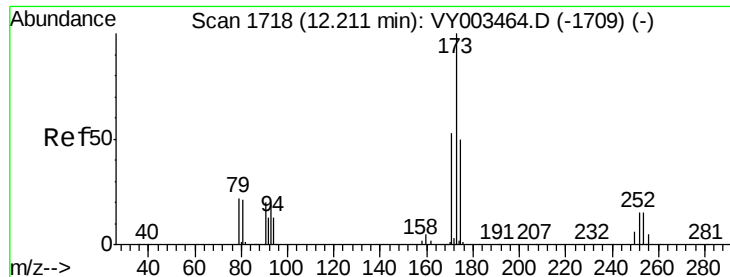
Tot Ion:106 Resp: 368624
Ion Ratio Lower Upper
106 100
91 214.2 105.5 316.5



#70
Styrene
Concen: 103.941 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY003465.D
Acq: 02 Nov 2020 11:39

Tgt Ion:104 Resp: 640979
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 54.9 44.2 66.2





#71

Bromoform

Concen: 103.890 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

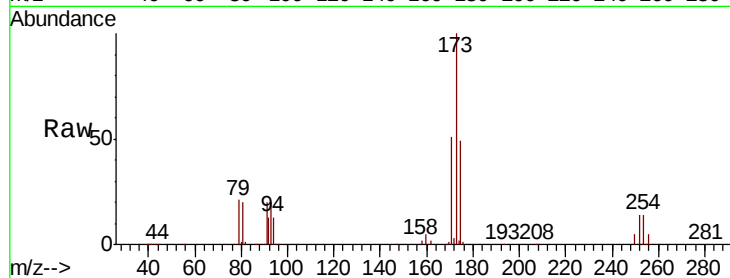
Tot Ion:173 Resp: 149124

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

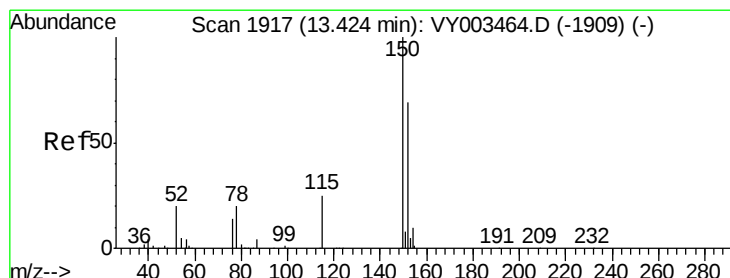
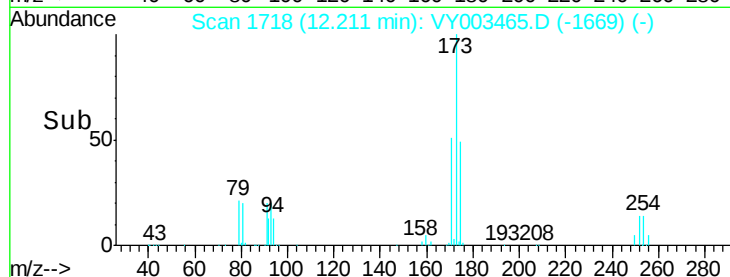
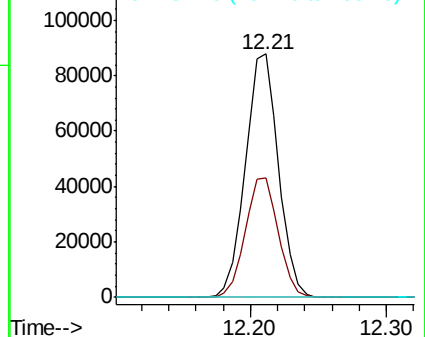
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

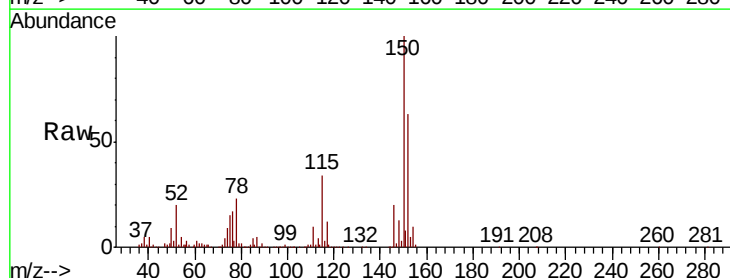
Tgt Ion:152 Resp: 147751

Ion Ratio Lower Upper

152 100

115 54.6 27.5 82.4

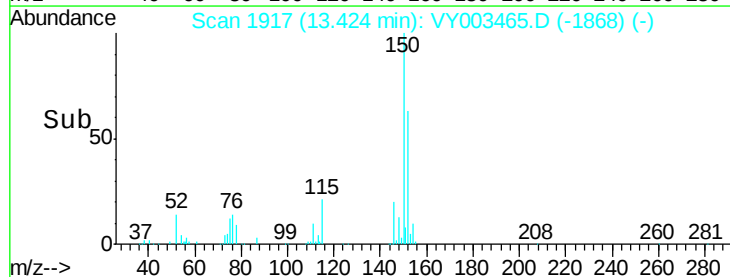
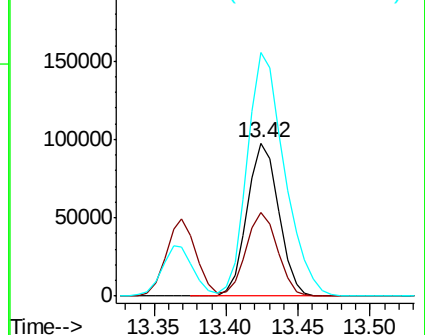
150 188.0 0.0 345.8

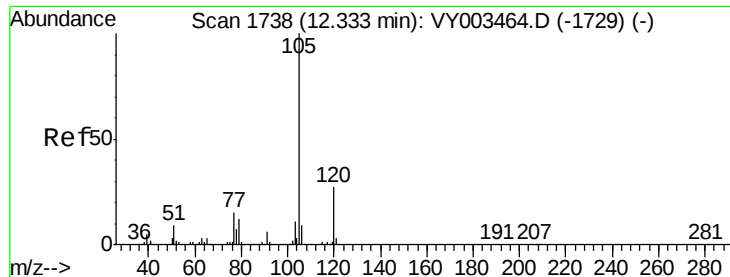


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 109.600 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

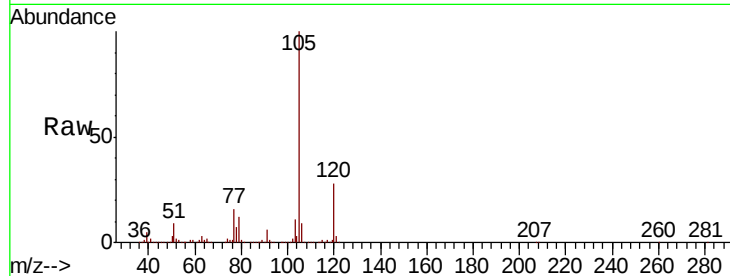
VSTDIC100

Tot Ion:105 Resp: 1022128

Ion Ratio Lower Upper

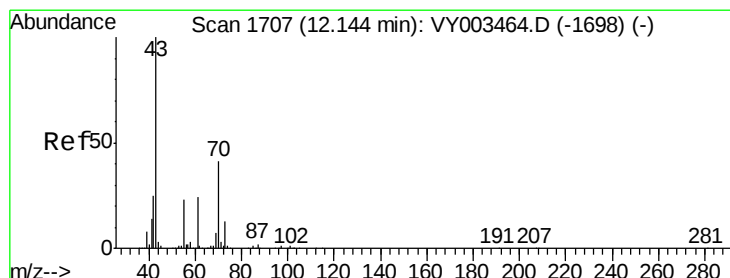
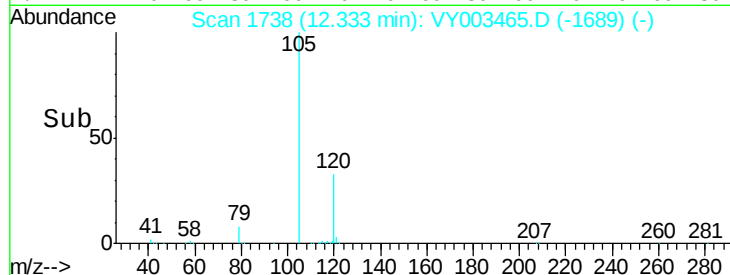
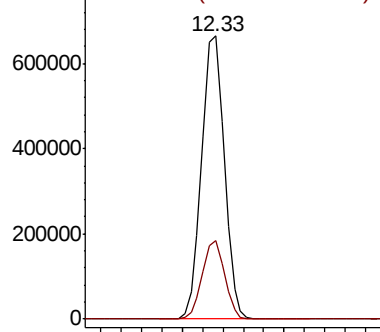
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 113.083 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Tgt Ion: 43 Resp: 301926

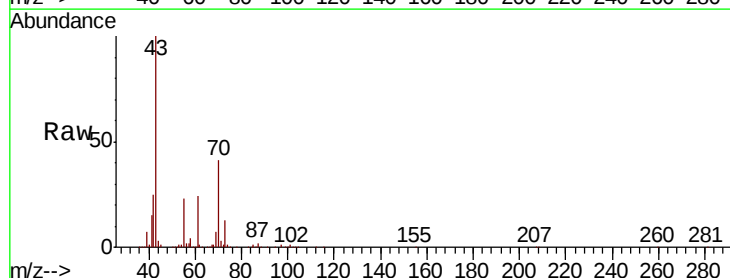
Ion Ratio Lower Upper

43 100

70 41.2 33.1 49.7

55 23.4 19.2 28.8

61 23.7 19.0 28.6

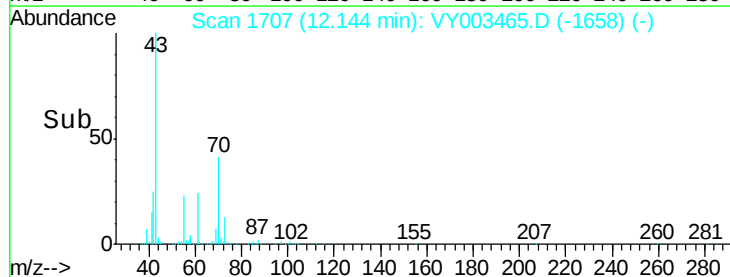
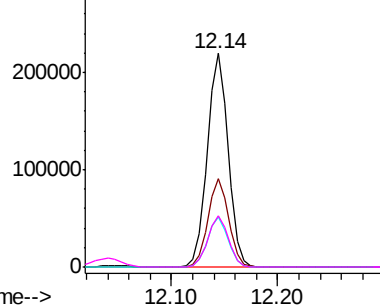


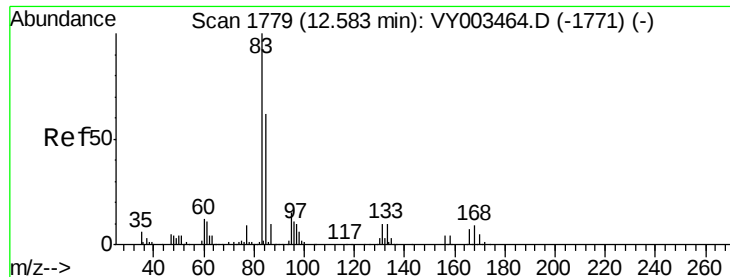
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 118.822 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

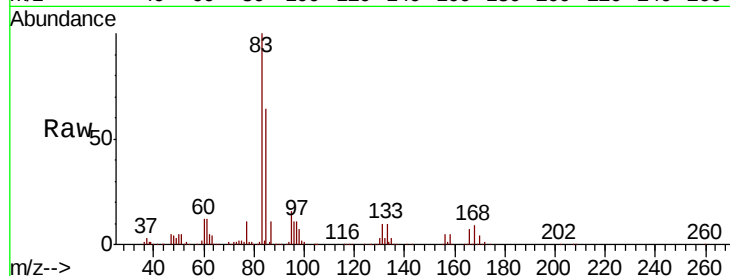
Tot Ion: 83 Resp: 217317

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

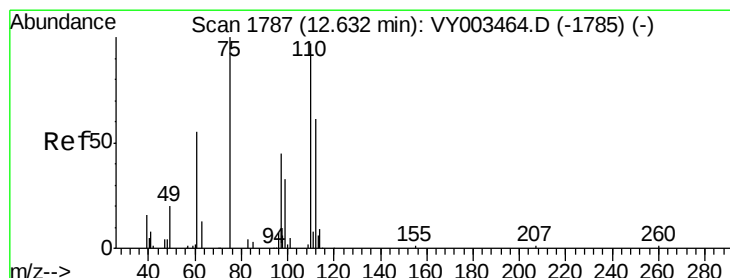
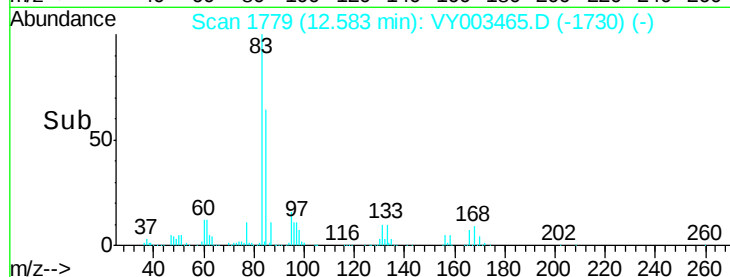
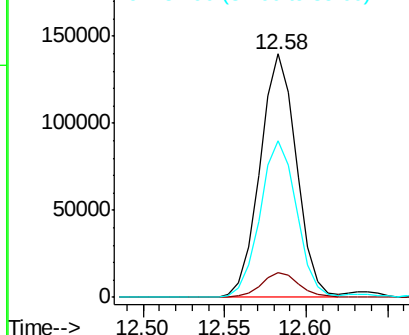
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003465.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003465.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003465.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 222.994 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003465.D

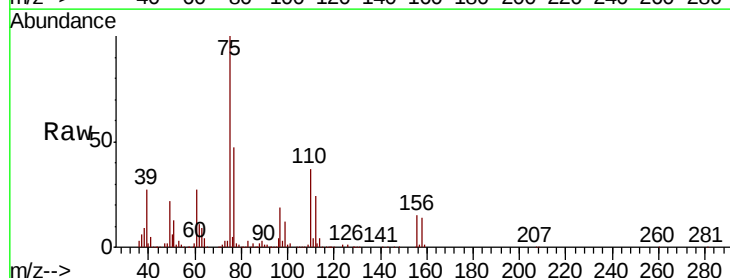
Acq: 02 Nov 2020 11:39

Tgt Ion: 75 Resp: 295251

Ion Ratio Lower Upper

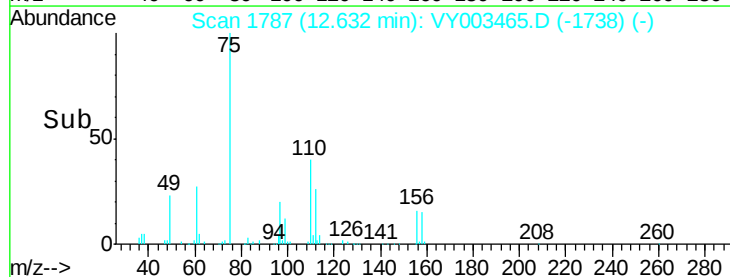
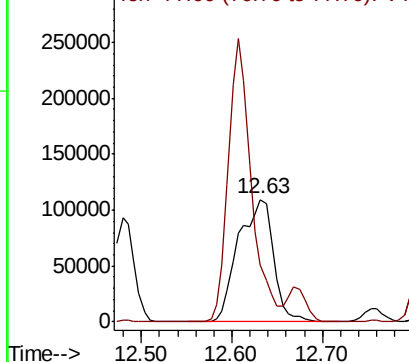
75 100

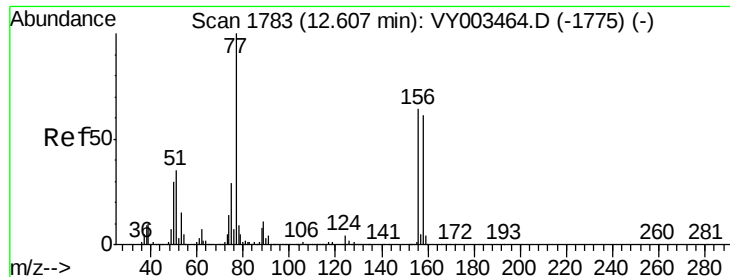
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003465.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003465.D (-1738) (-)





#77

Bromobenzene

Concen: 103.008 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

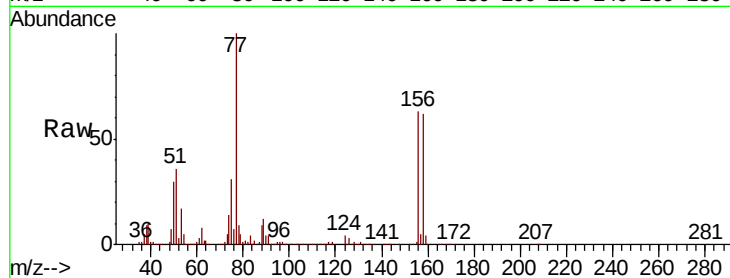
Tot Ion:156 Resp: 254171

Ion Ratio Lower Upper

156 100

77 176.0 87.0 260.9

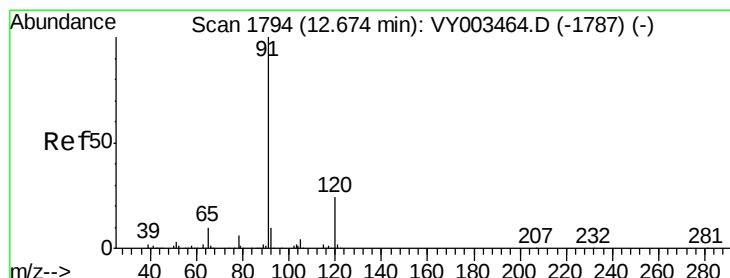
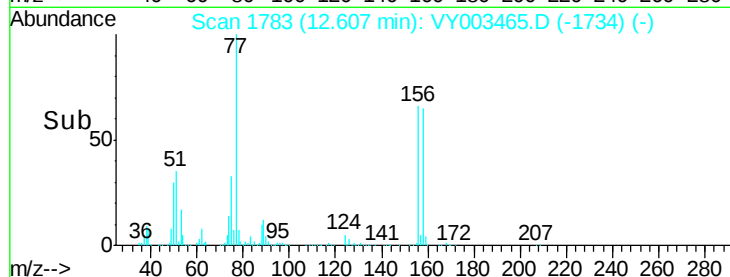
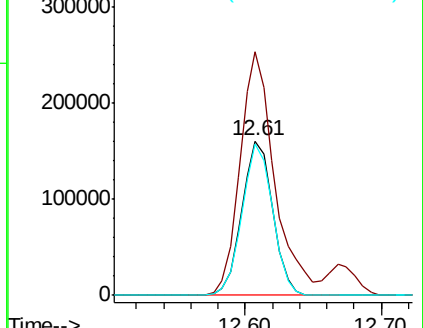
158 97.4 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 108.240 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY003465.D

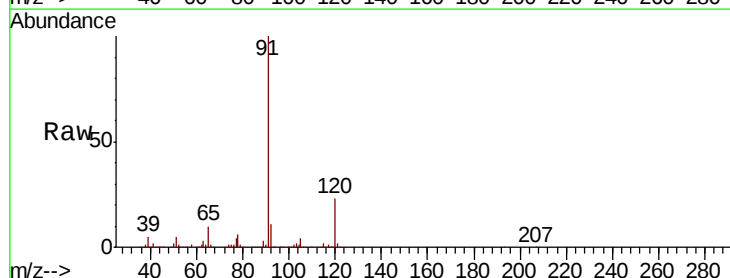
Acq: 02 Nov 2020 11:39

Tgt Ion: 91 Resp: 1200091

Ion Ratio Lower Upper

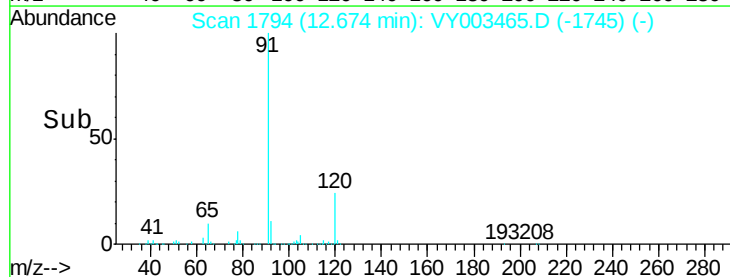
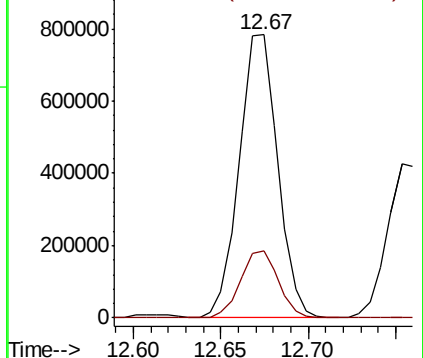
91 100

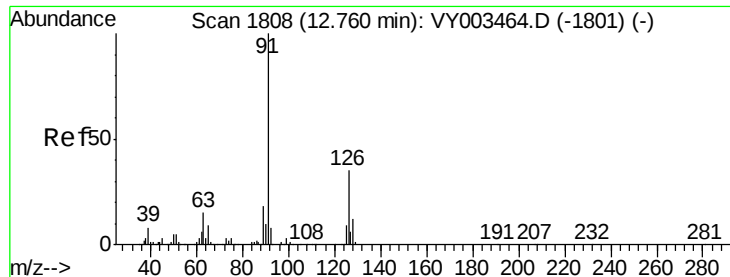
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

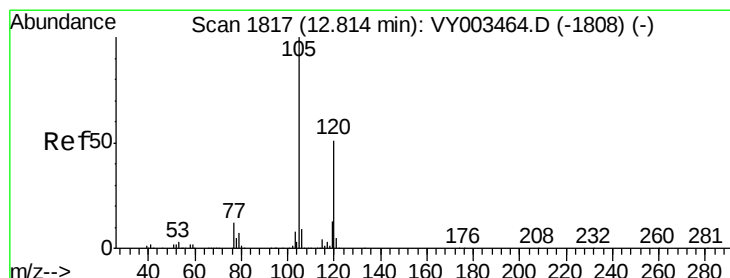
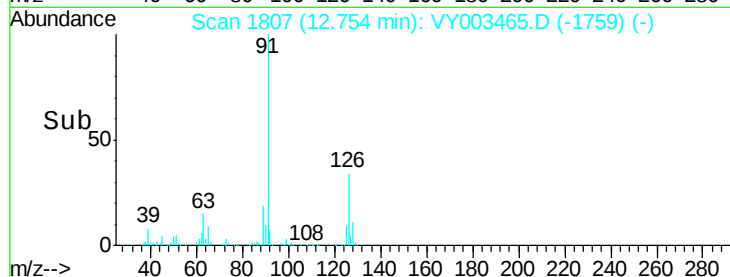
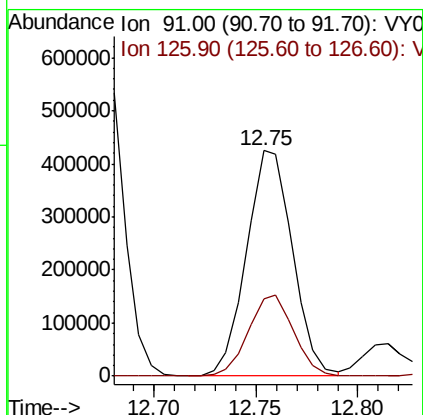
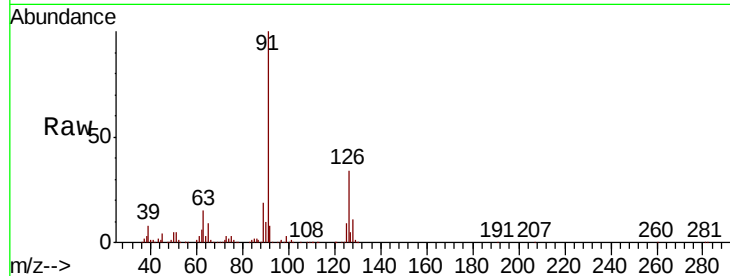




#79
 2-Chlorotoluene
 Concen: 107.414 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

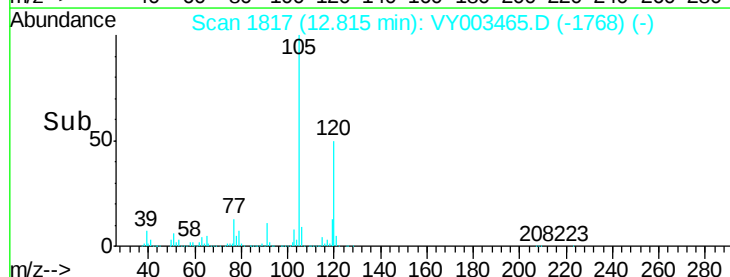
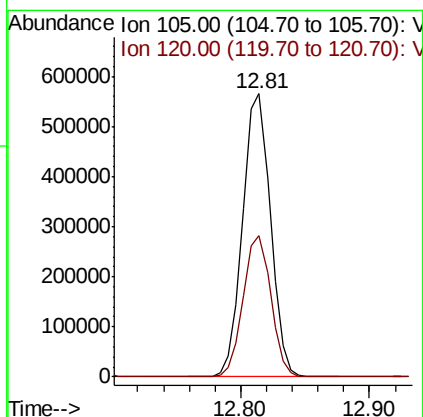
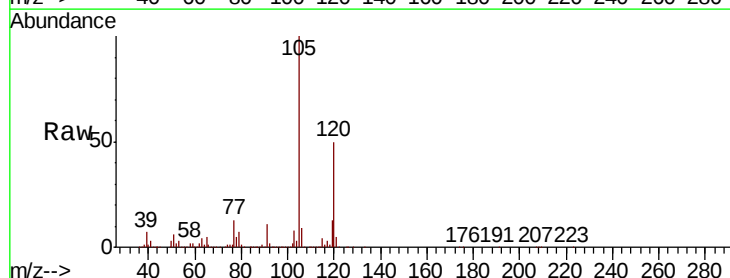
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

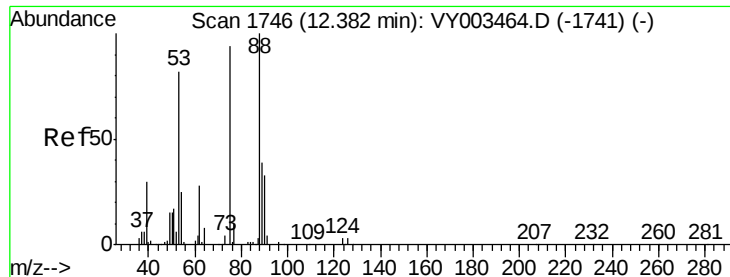
Tot Ion: 91 Resp: 668023
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 105.815 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

Tgt Ion: 105 Resp: 841626
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 118.736 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

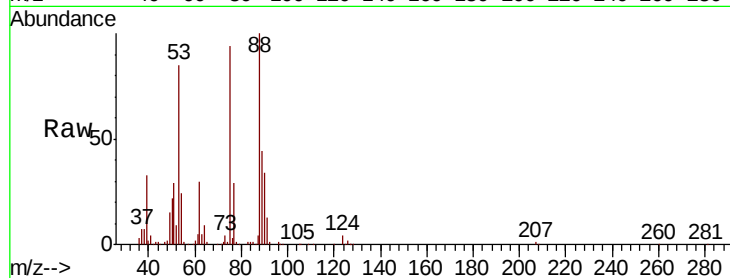
Tot Ion: 75 Resp: 80777

Ion Ratio Lower Upper

75 100

53 90.5 74.7 112.1

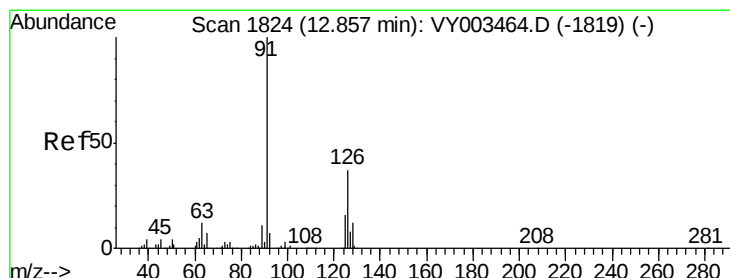
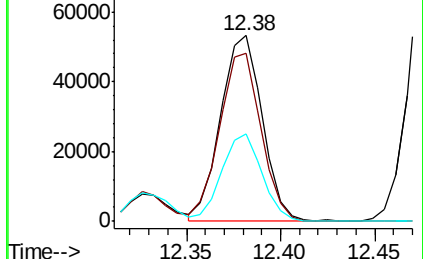
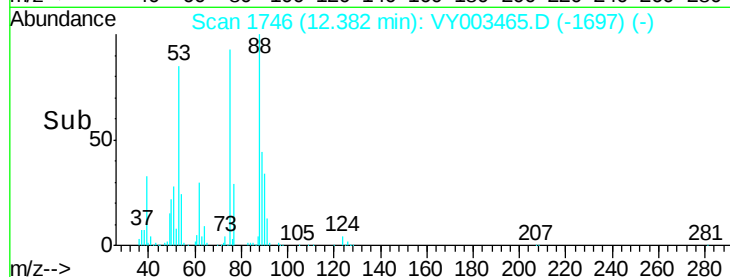
89 45.8 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 105.221 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY003465.D

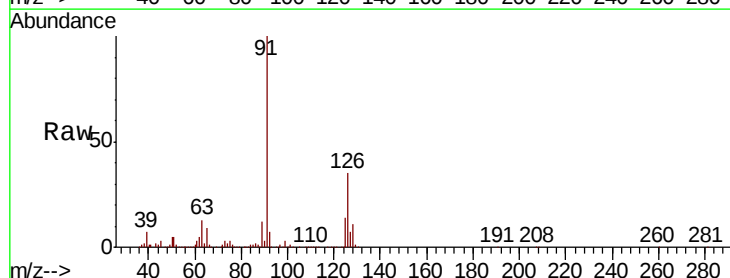
Acq: 02 Nov 2020 11:39

Tgt Ion: 91 Resp: 693697

Ion Ratio Lower Upper

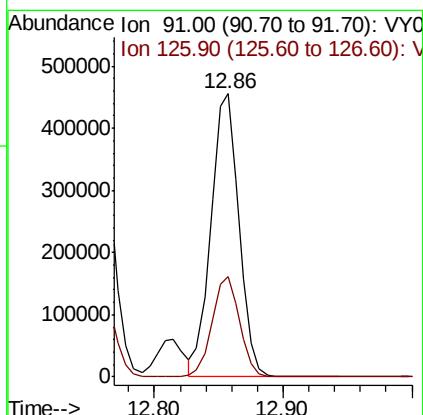
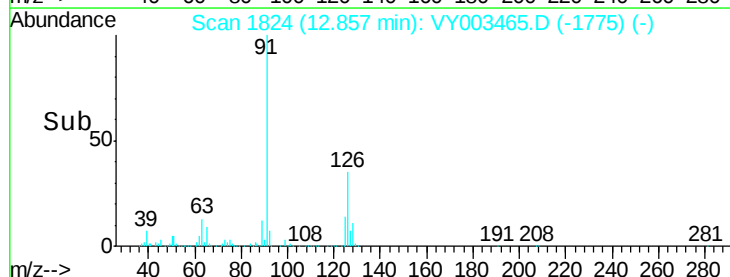
91 100

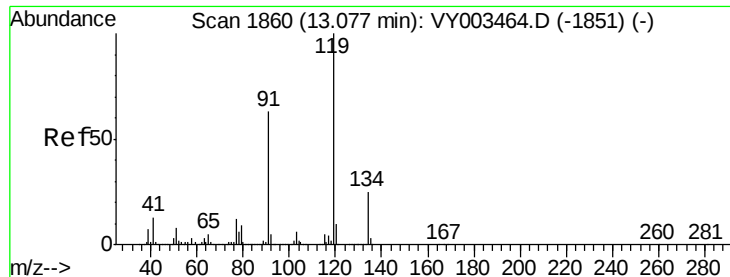
126 35.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 107.505 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

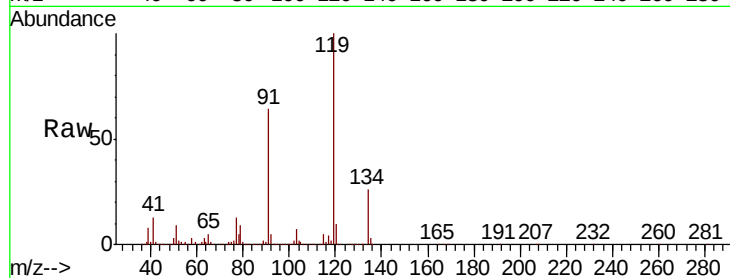
Tot Ion:119 Resp: 745728

Ion Ratio Lower Upper

119 100

91 62.7 31.1 93.2

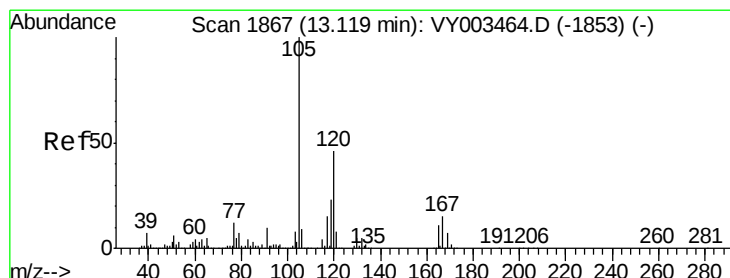
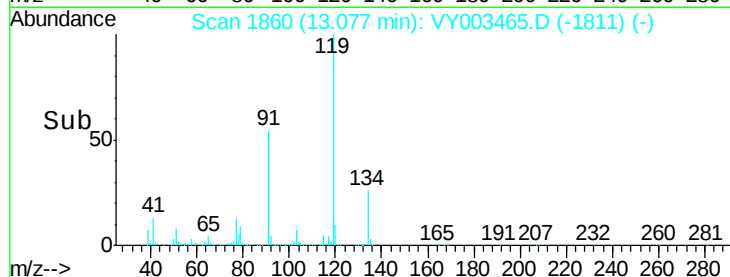
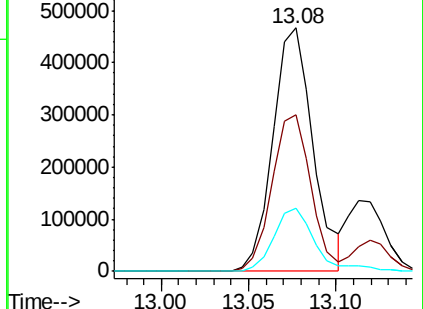
134 26.7 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 104.896 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003465.D

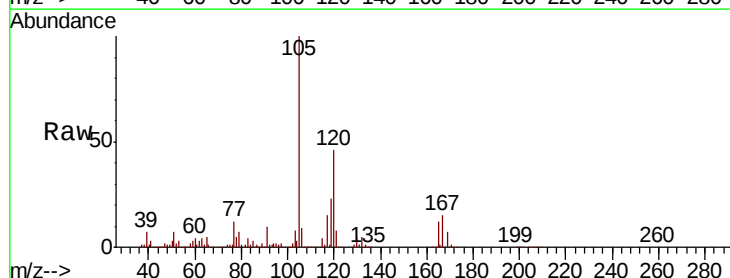
Acq: 02 Nov 2020 11:39

Tgt Ion:105 Resp: 842437

Ion Ratio Lower Upper

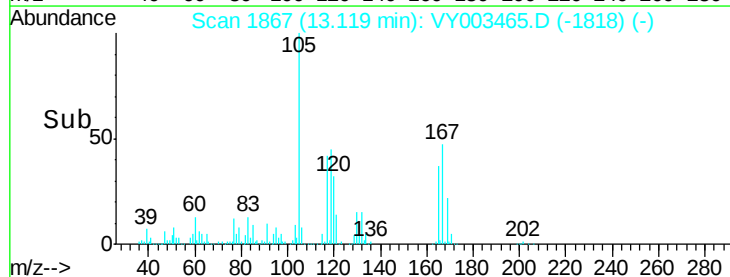
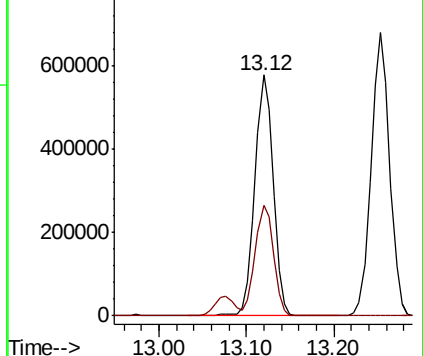
105 100

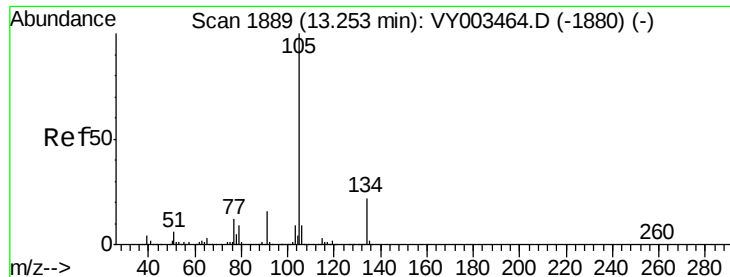
120 45.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 105.023 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

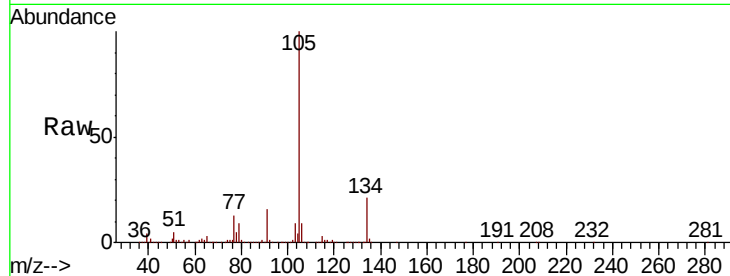
VSTDIC100

Tot Ion:105 Resp: 1003925

Ion Ratio Lower Upper

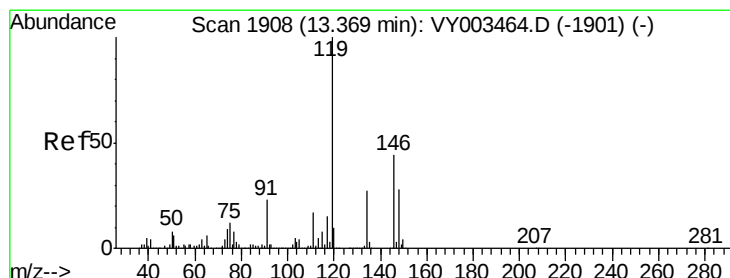
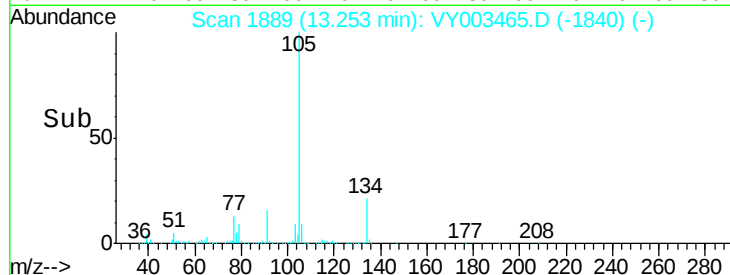
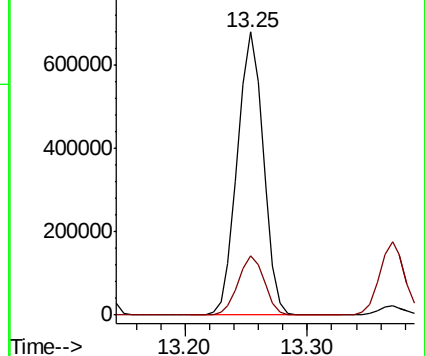
105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.150 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

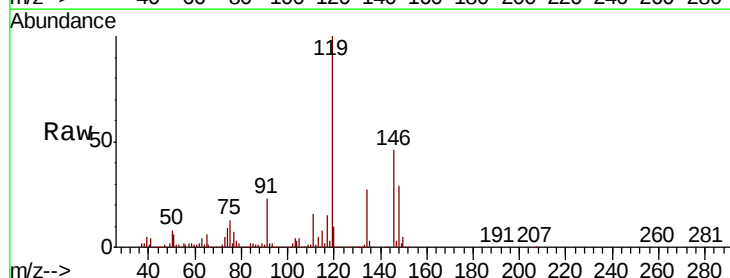
Tgt Ion:119 Resp: 943438

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

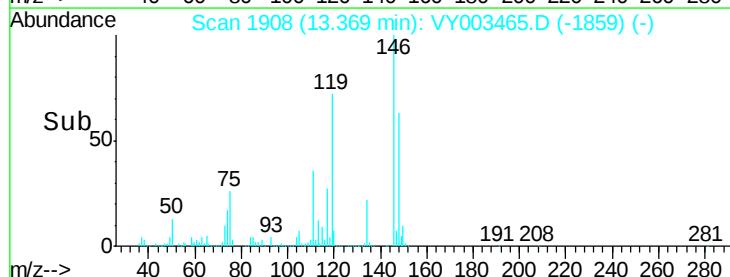
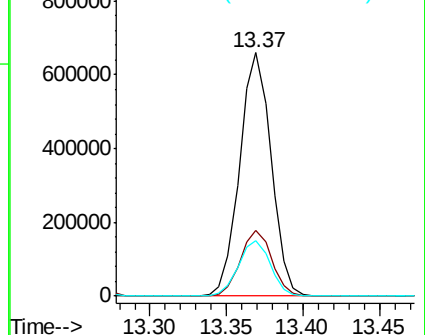
91 23.1 11.4 34.2

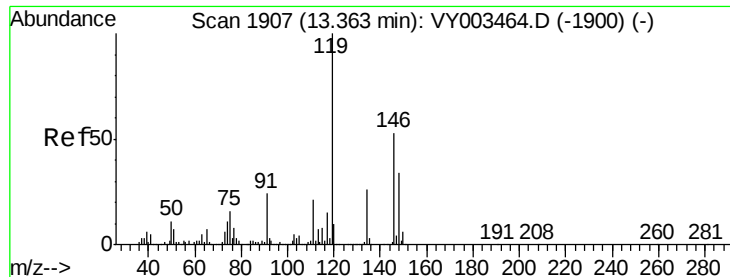


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 101.236 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

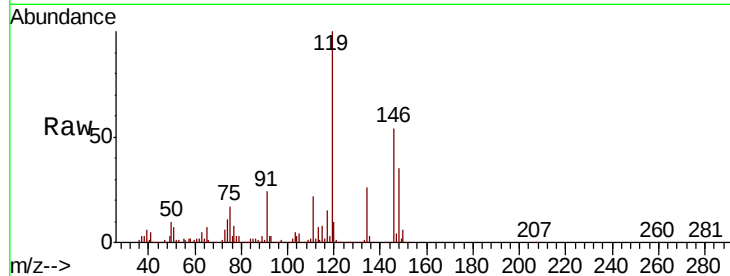
Tot Ion:146 Resp: 475171

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

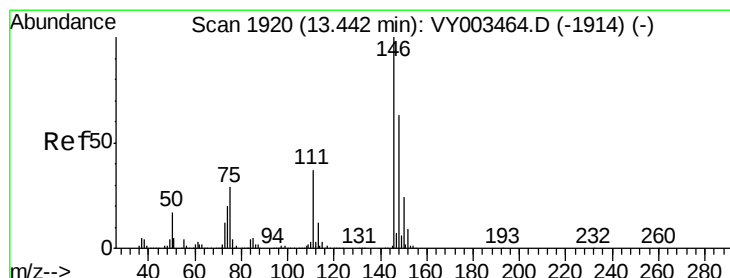
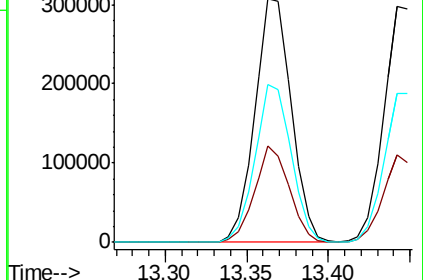
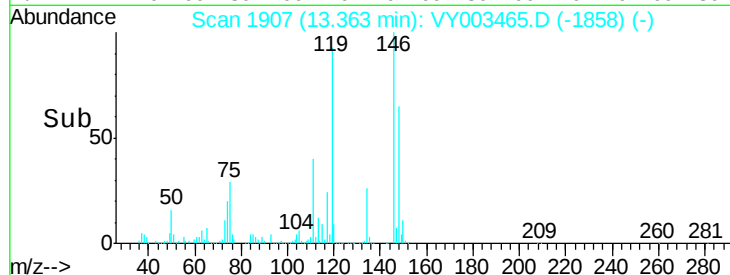
148 64.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 99.777 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

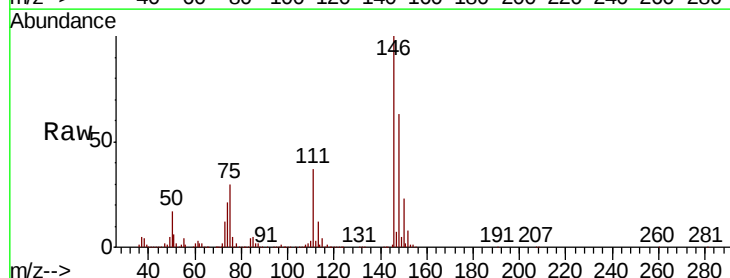
Tgt Ion:146 Resp: 466696

Ion Ratio Lower Upper

146 100

111 36.2 18.3 54.8

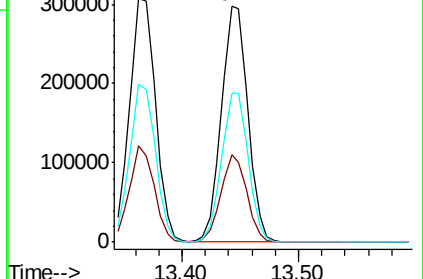
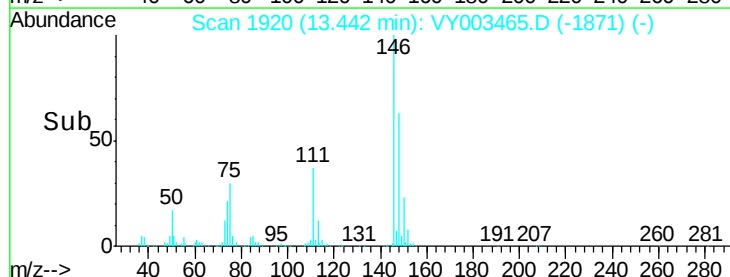
148 63.5 32.0 96.0

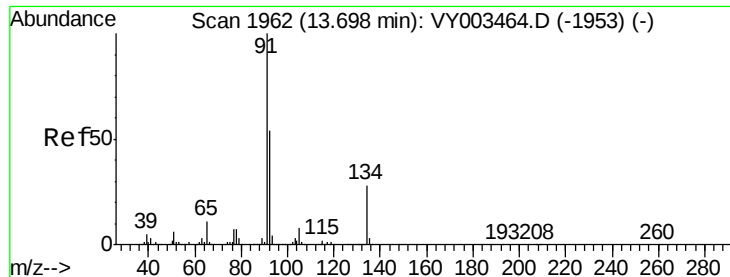


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 102.858 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

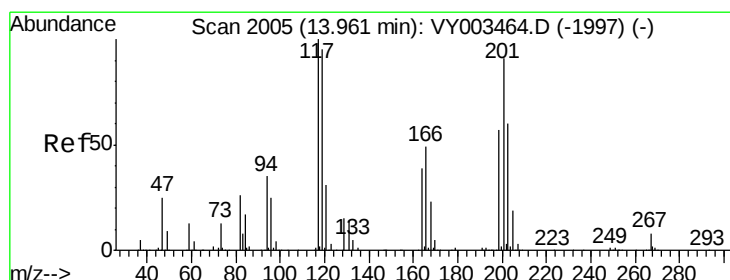
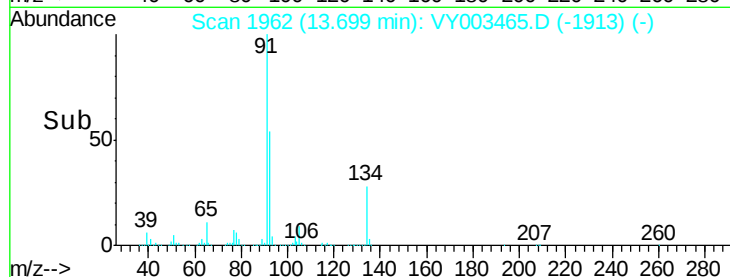
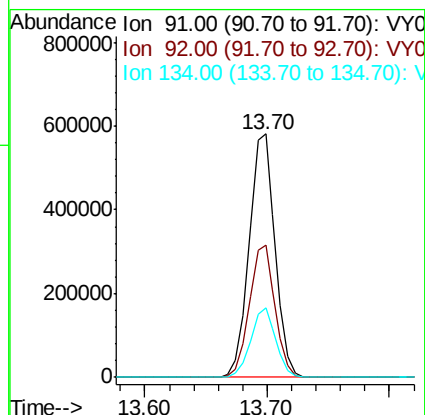
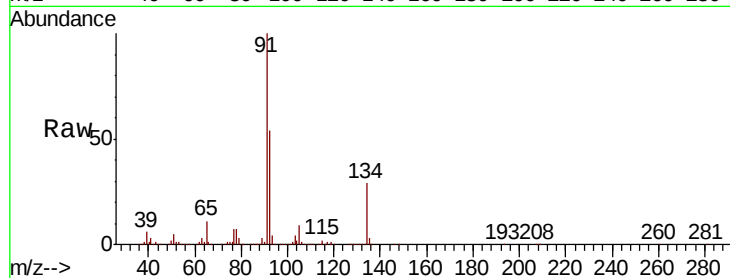
Tot Ion: 91 Resp: 852157

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.1
134	27.7	13.8	41.3

91 100

92 53.8 26.7 80.1

134 27.7 13.8 41.3



#90

Hexachloroethane

Concen: 109.335 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003465.D

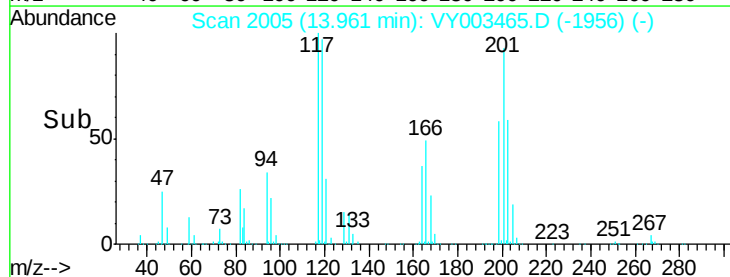
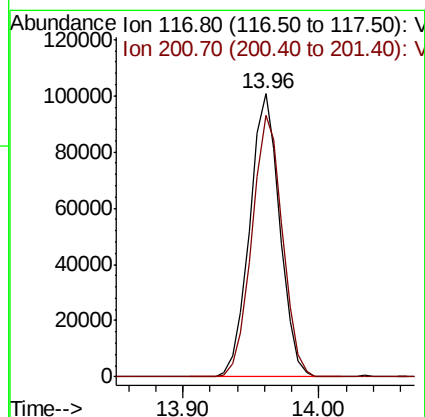
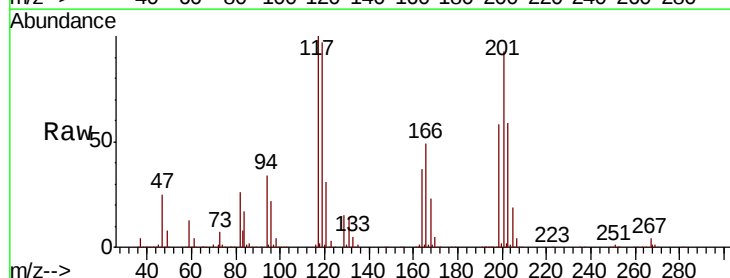
Acq: 02 Nov 2020 11:39

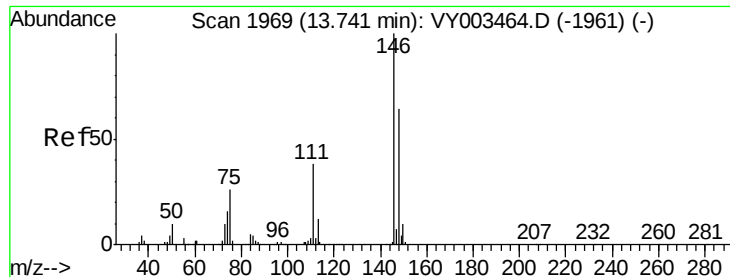
Tgt Ion: 117 Resp: 156716

Ion	Ratio	Lower	Upper
117	100		
201	93.5	46.6	139.8

117 100

201 93.5 46.6 139.8

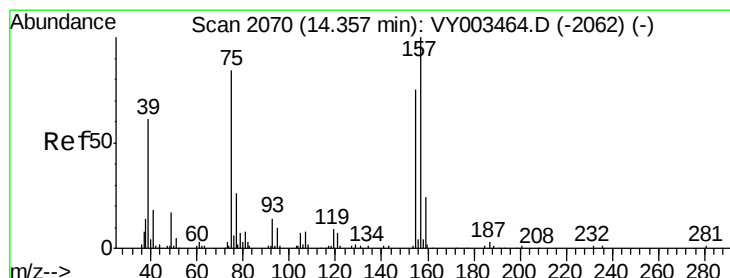
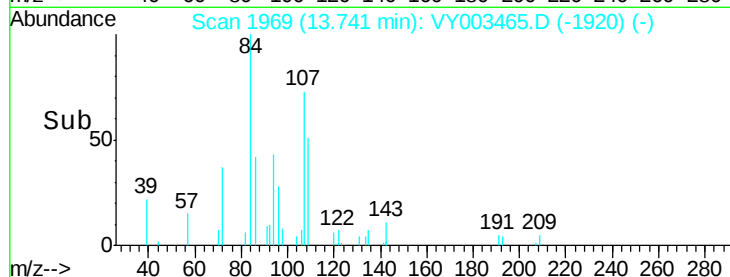
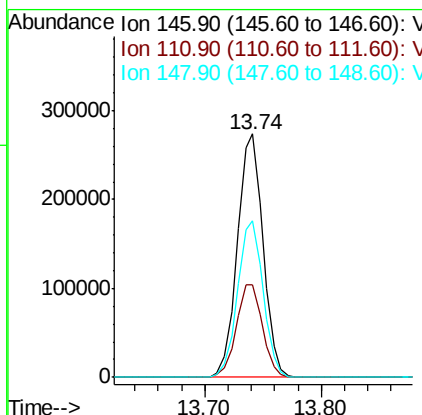
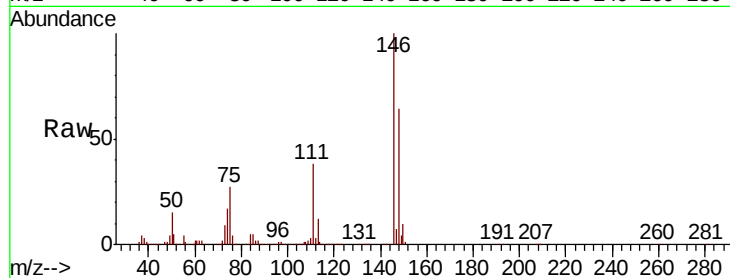




#91
 1,2-Dichlorobenzene
 Concen: 100.255 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

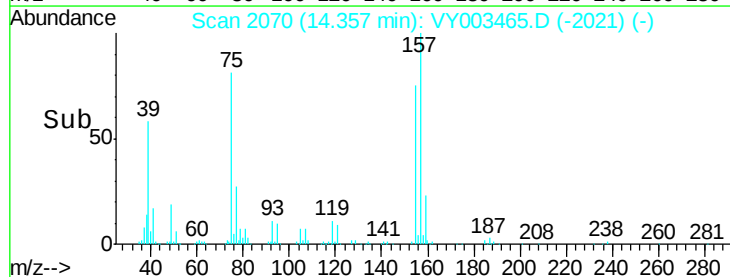
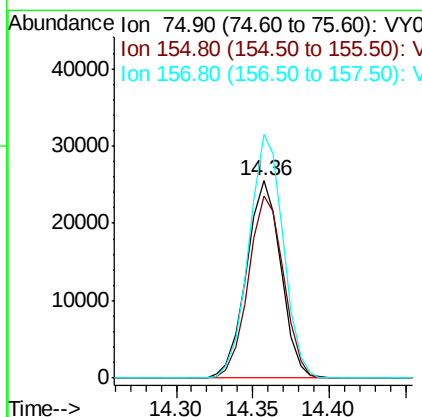
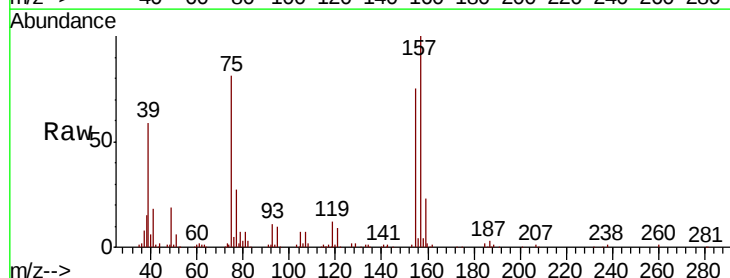
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

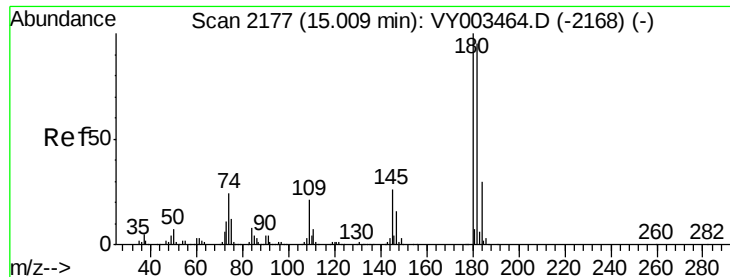
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.8
148	64.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.833 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	45.6	136.7
157	123.2	60.3	180.8

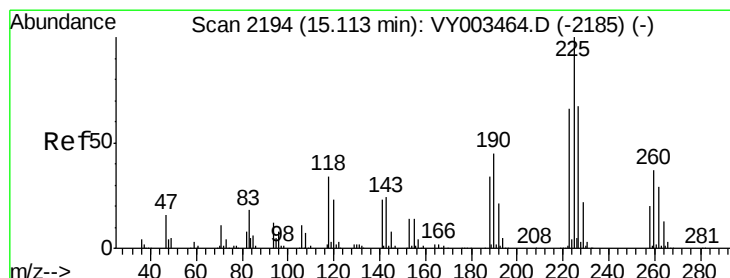
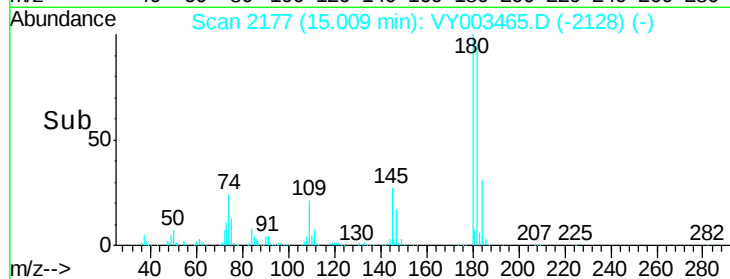
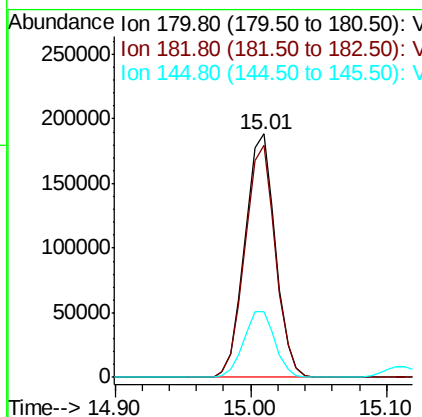
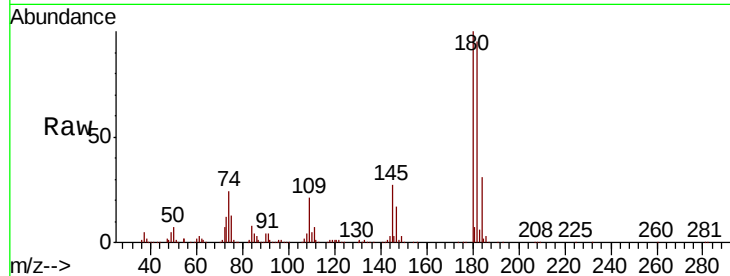




#93
 1,2,4-Trichlorobenzene
 Concen: 95.469 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

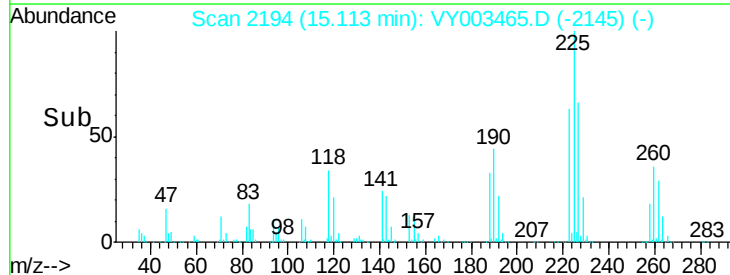
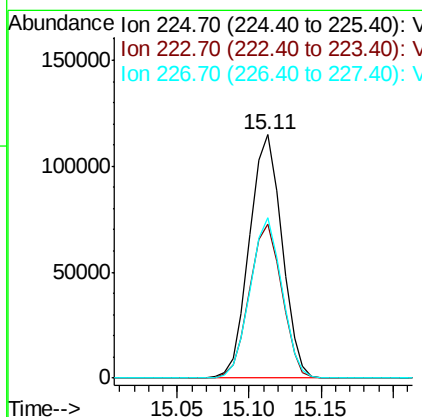
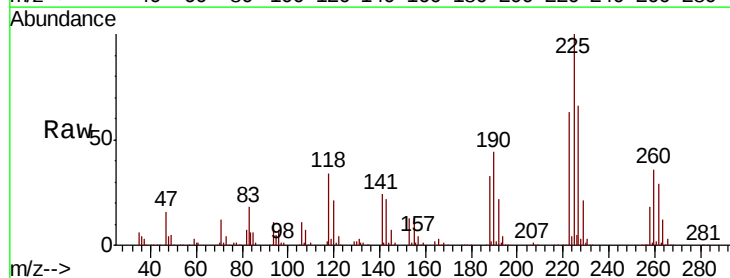
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

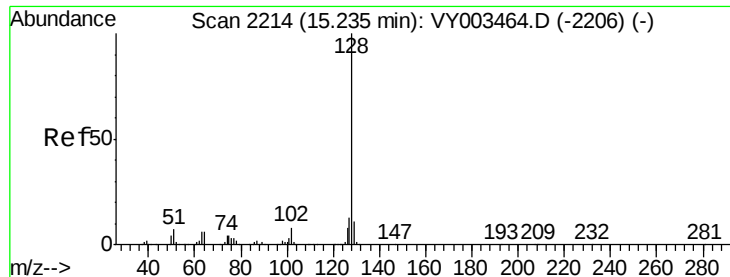
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	27.8	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 88.729 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003465.D
 Acq: 02 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.3
227	64.5	32.4	97.2





#95

Naphthalene

Concen: 115.353 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

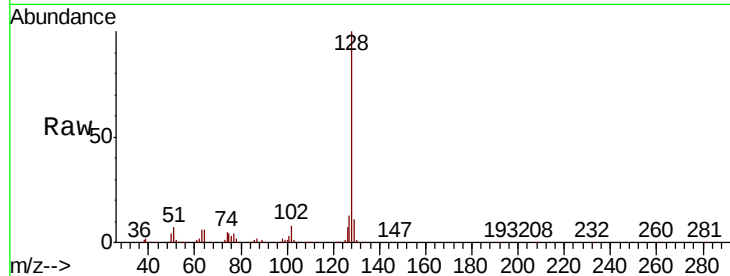
Tot Ion:128 Resp: 639318

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

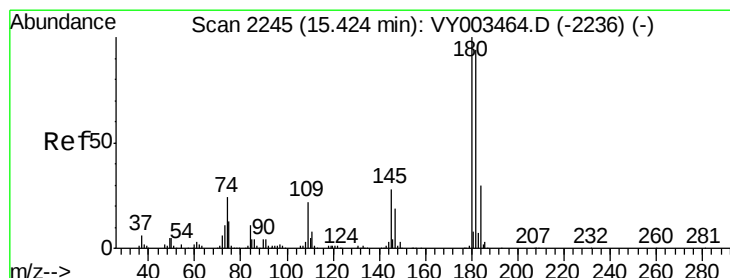
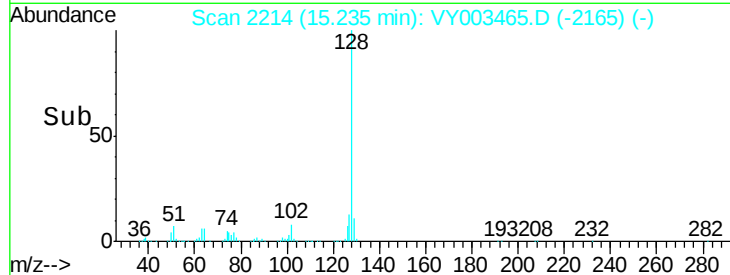
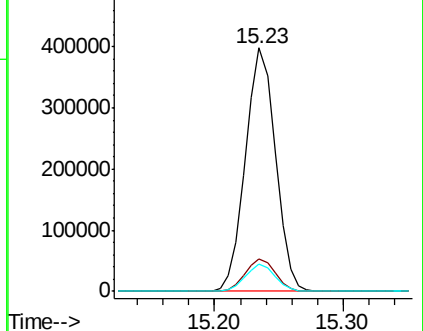
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 98.605 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003465.D

Acq: 02 Nov 2020 11:39

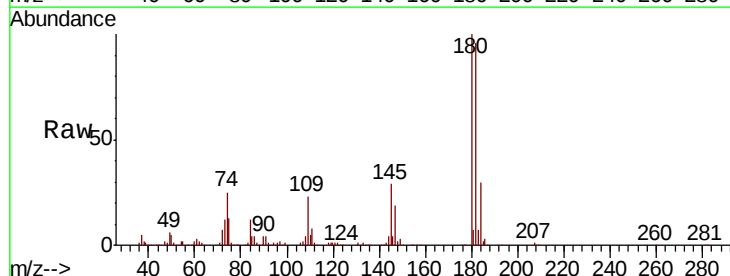
Tgt Ion:180 Resp: 265900

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.7

145 29.4 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

