

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003466.D
 Acq On : 02 Nov 2020 12:01
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Quant Time: Nov 02 12:11:44 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	225613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	322537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148849	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	339003	149.83	ug/l	0.00
Spiked Amount			Recovery	=	299.66%	
35) Dibromofluoromethane	7.73	113	291209	150.99	ug/l	0.00
Spiked Amount			Recovery	=	301.98%	
50) Toluene-d8	10.18	98	1212180	150.31	ug/l	0.00
Spiked Amount			Recovery	=	300.62%	
62) 4-Bromofluorobenzene	12.48	95	404621	146.40	ug/l	0.00
Spiked Amount			Recovery	=	292.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	224985	128.393	ug/l	99
3) Chloromethane	2.12	50	311204	128.298	ug/l	100
4) Vinyl Chloride	2.26	62	349241	131.901	ug/l	100
5) Bromomethane	2.64	94	281239	112.131	ug/l	99
6) Chloroethane	2.80	64	208429	129.284	ug/l	99
7) Trichlorofluoromethane	3.13	101	416112	126.738	ug/l	99
8) Diethyl Ether	3.54	74	136316	126.451	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	231043	126.321	ug/l	99
10) Methyl Iodide	4.10	142	263566	244.841	ug/l	99
11) Tert butyl alcohol	4.97	59	157452	716.319	ug/l	99
12) 1,1-Dichloroethene	3.88	96	235058	130.387	ug/l	97
13) Acrolein	3.74	56	134489	655.807	ug/l	100
14) Allyl chloride	4.49	41	445512	138.225	ug/l	99
15) Acrylonitrile	5.18	53	390981	748.991	ug/l	100
16) Acetone	3.96	43	558002	938.344	ug/l	99
17) Carbon Disulfide	4.21	76	766024	130.355	ug/l	99
18) Methyl Acetate	4.49	43	200978	149.465	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	619897	131.889	ug/l	97
20) Methylene Chloride	4.73	84	257543	106.742	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	277875	131.752	ug/l	97
22) Diisopropyl ether	6.13	45	776566	130.068	ug/l	98
23) Vinyl Acetate	6.08	43	3098667	705.349	ug/l	100
24) 1,1-Dichloroethane	6.04	63	488373	131.300	ug/l	99
25) 2-Butanone	7.00	43	702193	850.060	ug/l	98
26) 2,2-Dichloropropane	6.99	77	448721	133.702	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	307280	131.359	ug/l	100
28) Bromochloromethane	7.35	49	286301	157.022	ug/l	100
29) Tetrahydrofuran	7.36	42	358782	762.549	ug/l	100
30) Chloroform	7.52	83	484554	129.170	ug/l	99
31) Cyclohexane	7.79	56	408486	122.545	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	448154	129.918	ug/l	100
36) 1,1-Dichloropropene	7.93	75	396085	130.527	ug/l	99
37) Ethyl Acetate	7.08	43	264449	147.452	ug/l	99
38) Carbon Tetrachloride	7.91	117	409365	129.034	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	428317	128.055	ug/l	98
40) Benzene	8.17	78	1113767	129.937	ug/l	100
41) Methacrylonitrile	7.36	41	347860	381.338	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	348630	128.168	ug/l	99
43) Isopropyl Acetate	8.28	43	476838	142.682	ug/l	100
44) Trichloroethene	8.94	130	309484	123.389	ug/l	98
45) 1,2-Dichloropropane	9.22	63	280983	128.980	ug/l	99
46) Dibromomethane	9.31	93	159712	129.902	ug/l	99
47) Bromodichloromethane	9.50	83	389331	129.041	ug/l	100
48) Methyl methacrylate	9.30	41	231048	146.072	ug/l	99
49) 1,4-Dioxane	9.31	88	43772	2988.643	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	1306616	734.618	ug/l	100
52) Toluene	10.25	92	707108	128.602	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	425106	132.530	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	467036	130.099	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	222321	126.785	ug/l	100
56) Ethyl methacrylate	10.51	69	329571	139.947	ug/l	99
57) 1,3-Dichloropropane	10.79	76	393155	129.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	916179	748.021	ug/l	100
59) 2-Hexanone	10.83	43	990786	781.401	ug/l	99
60) Dibromochloromethane	10.99	129	280051	126.703	ug/l	100
61) 1,2-Dibromoethane	11.09	107	220647	130.838	ug/l	98
64) Tetrachloroethene	10.72	164	275270	107.216	ug/l	99
65) Chlorobenzene	11.52	112	751073	128.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	283207	128.049	ug/l	99
67) Ethyl Benzene	11.60	91	1375934	131.637	ug/l	100
68) m/p-Xylenes	11.70	106	1032787	259.062	ug/l	100
69) o-Xylene	12.03	106	482821	129.298	ug/l	99
70) Styrene	12.05	104	834220	131.554	ug/l	100
71) Bromoform	12.20	173	198691	134.613	ug/l	100
73) Isopropylbenzene	12.33	105	1293683	137.694	ug/l	100
74) N-amyl acetate	12.14	43	403837	150.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	290137	157.467	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	387565	290.557	ug/l #	100
77) Bromobenzene	12.61	156	328215	132.034	ug/l	97
78) n-propylbenzene	12.67	91	1506130	134.841	ug/l	100
79) 2-Chlorotoluene	12.75	91	846003	135.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1049181	130.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	109490	159.755	ug/l	98
82) 4-Chlorotoluene	12.86	91	882733	132.907	ug/l	100
83) tert-Butylbenzene	13.08	119	927791	132.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1063140	131.401	ug/l	100
85) sec-Butylbenzene	13.25	105	1231674	127.898	ug/l	100
86) p-Isopropyltoluene	13.37	119	1156720	126.754	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	602985	127.520	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	587241	124.623	ug/l	100
89) n-Butylbenzene	13.70	91	1049008	125.685	ug/l	99
90) Hexachloroethane	13.96	117	195660	135.498	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	531270	126.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	53113	152.527	ug/l	98

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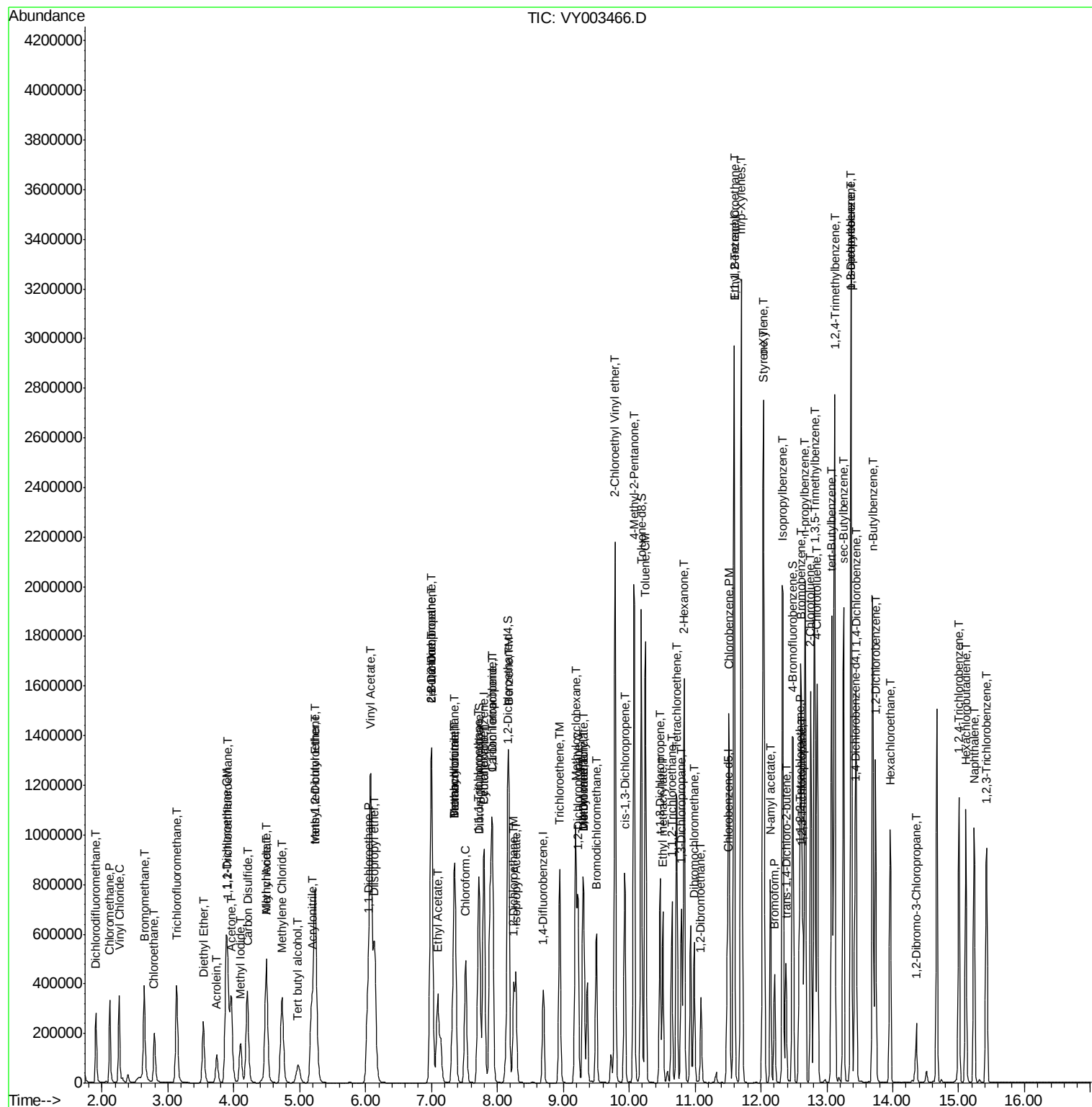
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	372689	119.483	ug/l	99
94) Hexachlorobutadiene	15.11	225	218334	107.401	ug/l	99
95) Naphthalene	15.23	128	827586	148.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	334682	123.197	ug/l	99

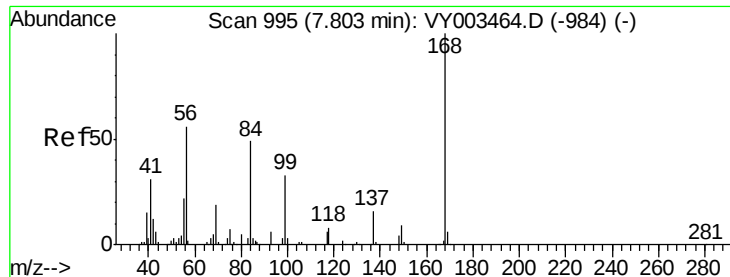
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
Data File : VY003466.D
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Operator : SY/MD
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Quant Title : SW846 8260
QLast Update : Mon Nov 02 11:26:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

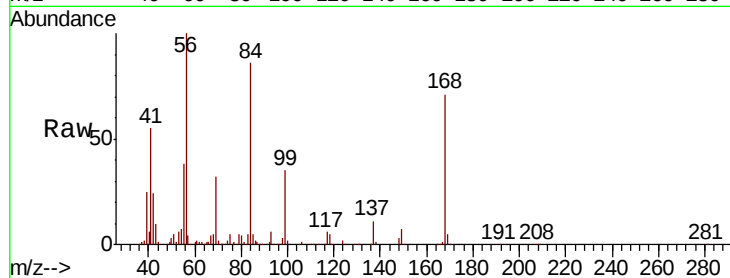
VSTDIC150

Tot Ion:168 Resp: 225613

Ion Ratio Lower Upper

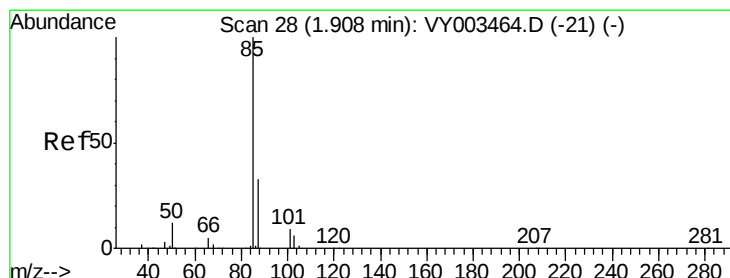
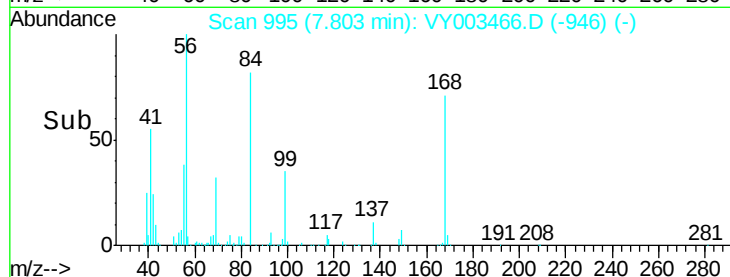
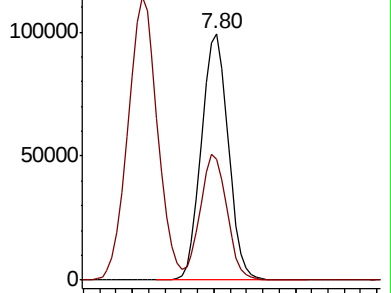
168 100

99 48.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003466.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003466.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 128.393 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003466.D

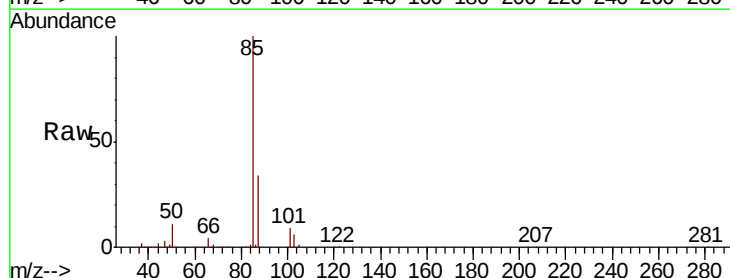
Acq: 02 Nov 2020 12:01

Tgt Ion: 85 Resp: 224985

Ion Ratio Lower Upper

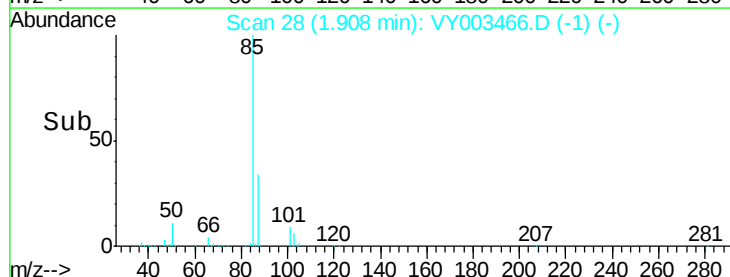
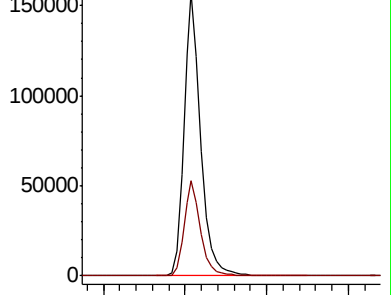
85 100

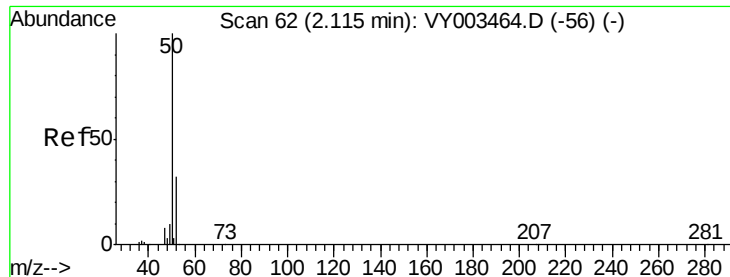
87 33.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003466.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003466.D (-1) (-)





#3

Chloromethane

Concen: 128.298 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

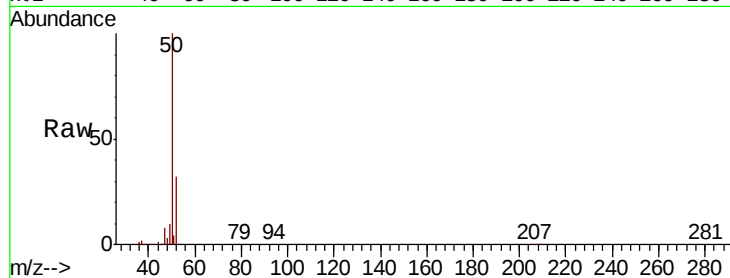
VSTDIC150

Tot Ion: 50 Resp: 311204

Ion Ratio Lower Upper

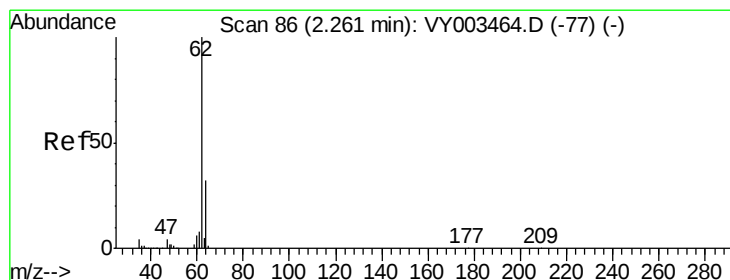
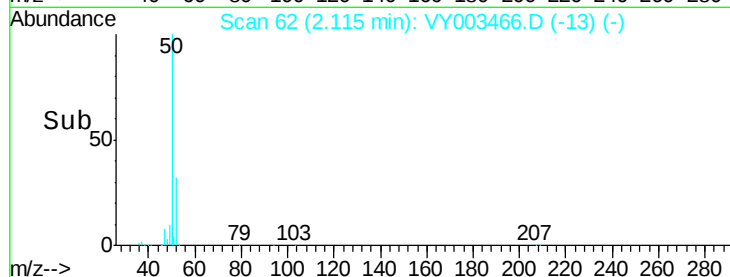
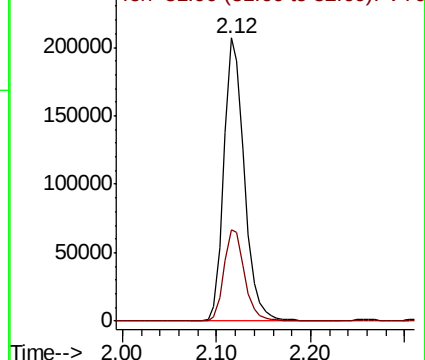
50 100

52 32.1 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 131.901 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003466.D

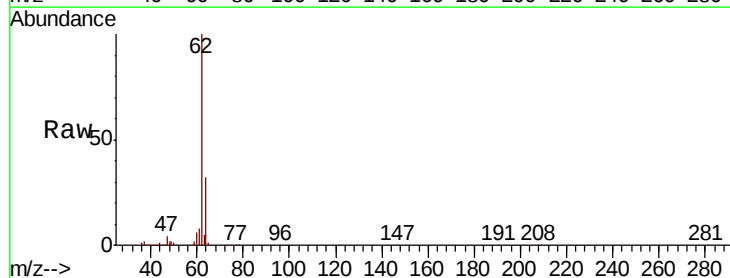
Acq: 02 Nov 2020 12:01

Tgt Ion: 62 Resp: 349241

Ion Ratio Lower Upper

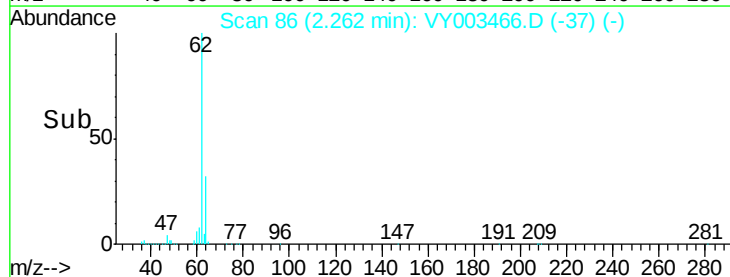
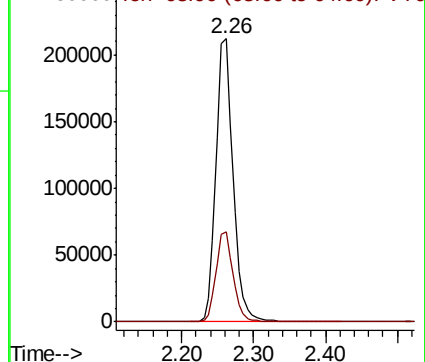
62 100

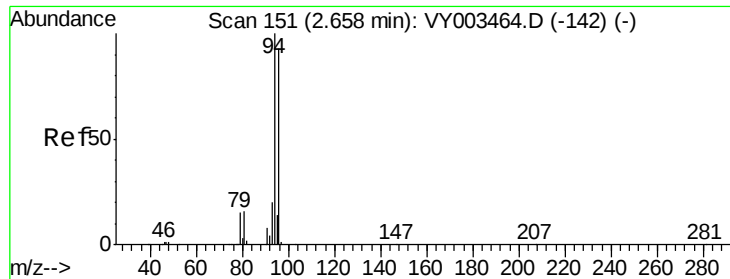
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 112.131 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

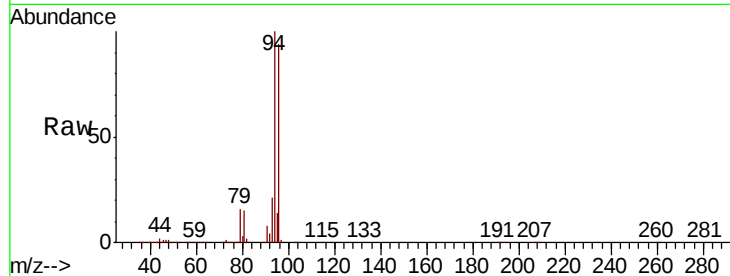
VSTDIC150

Tot Ion: 94 Resp: 281239

Ion Ratio Lower Upper

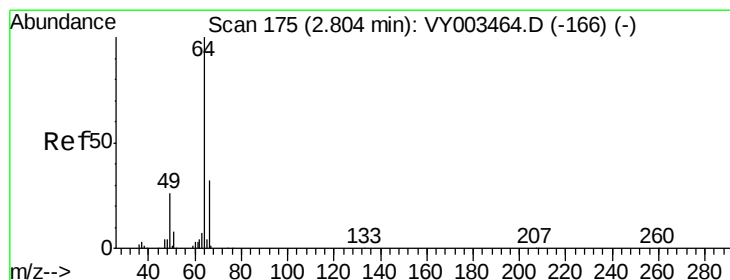
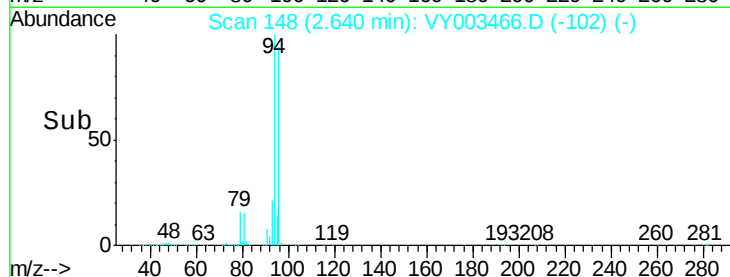
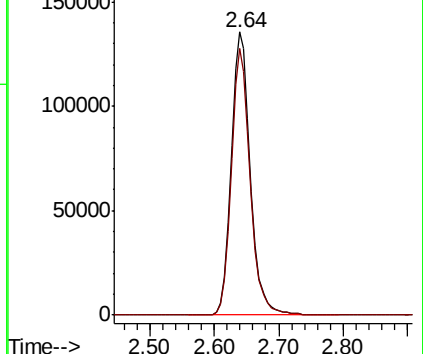
94 100

96 94.1 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: 129.284 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003466.D

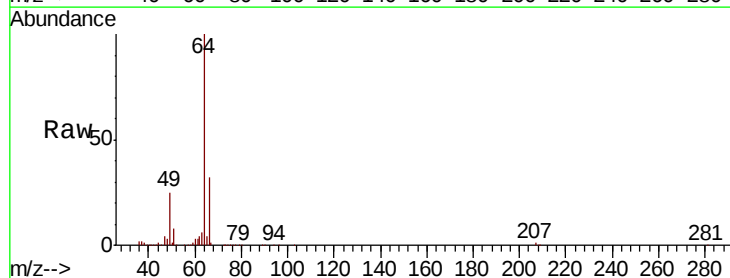
Acq: 02 Nov 2020 12:01

Tgt Ion: 64 Resp: 208429

Ion Ratio Lower Upper

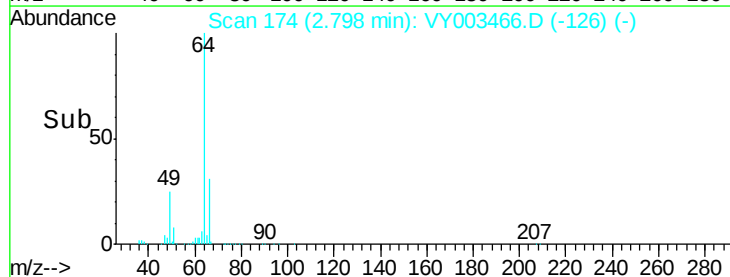
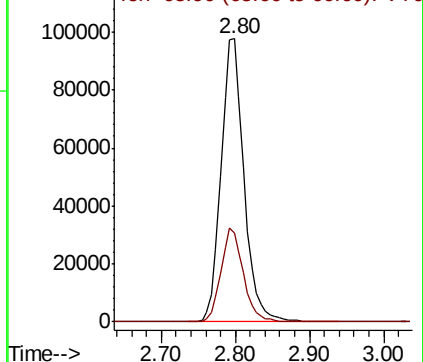
64 100

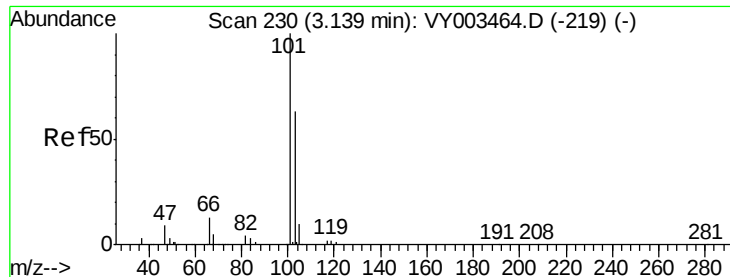
66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



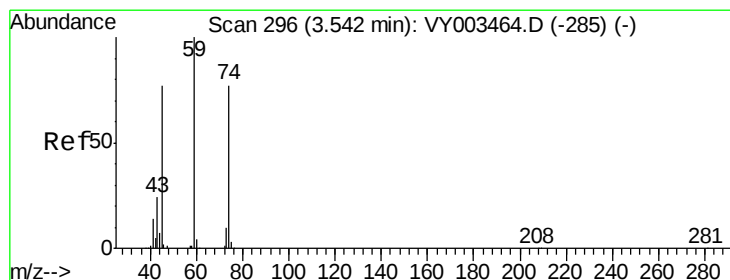
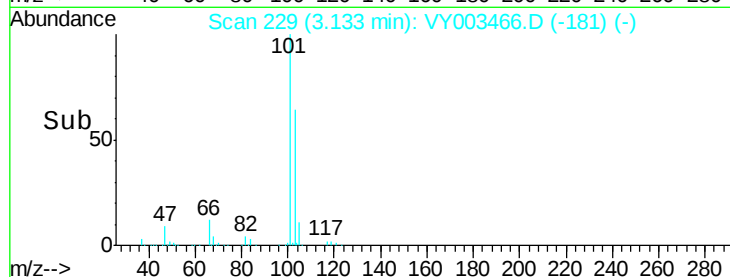
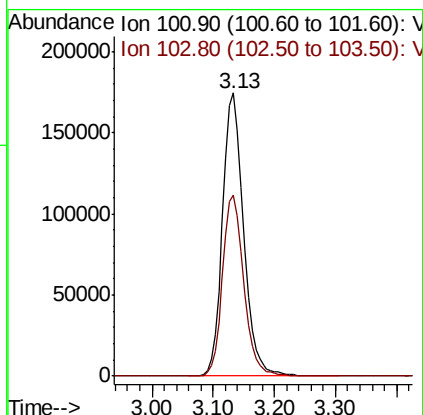
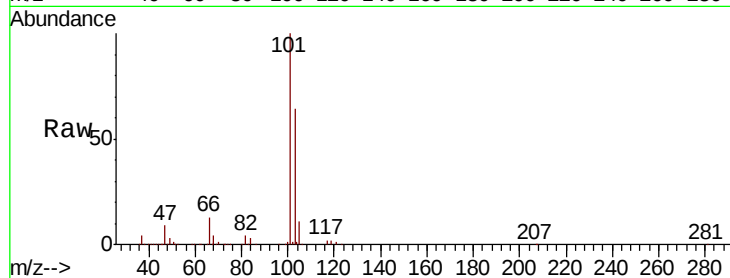


#7

Trichlorofluoromethane
Concen: 126.738 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
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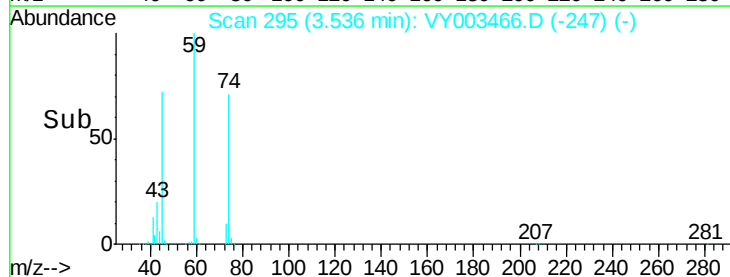
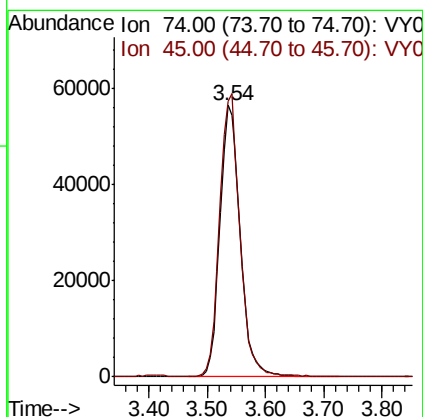
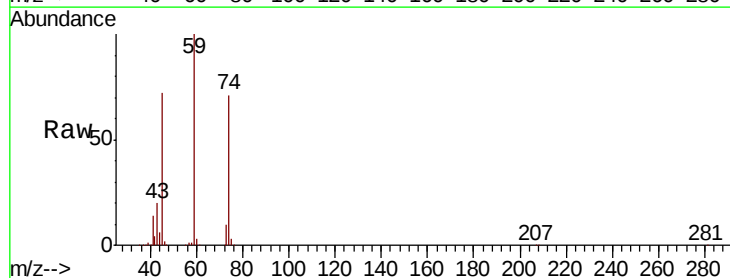
Tot Ion:101 Resp: 416112
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

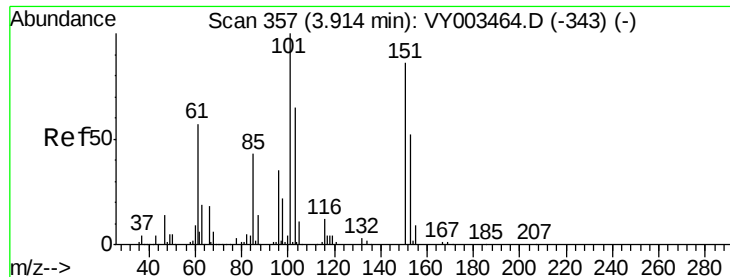


#8

Diethyl Ether
Concen: 126.451 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 74 Resp: 136316
Ion Ratio Lower Upper
74 100
45 103.7 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 126.321 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

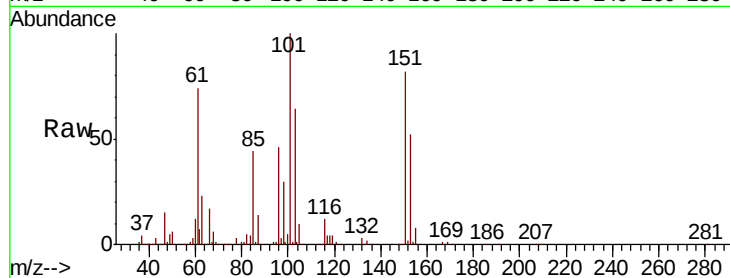
Tot Ion:101 Resp: 231043

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.8

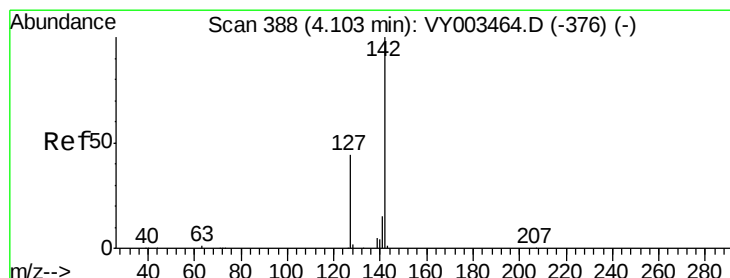
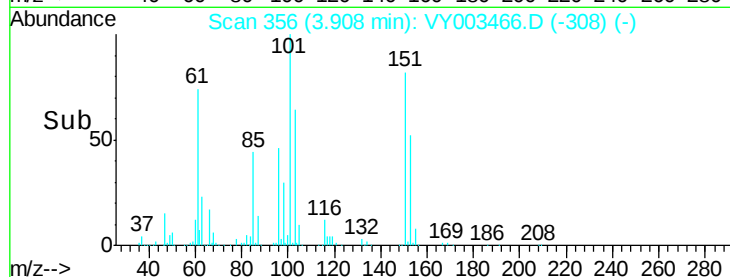
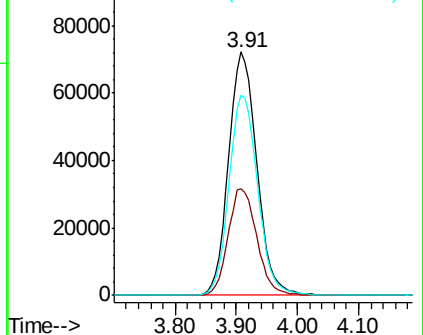
151 83.5 67.6 101.4



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: 244.841 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

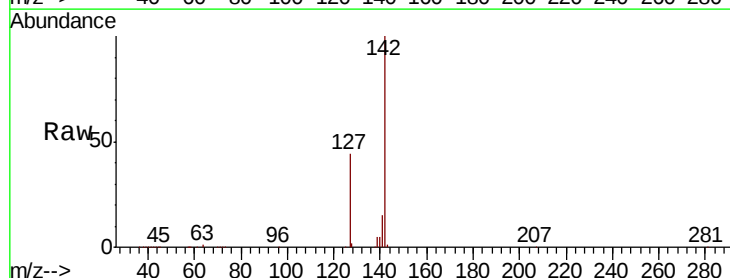
Tgt Ion:142 Resp: 263566

Ion Ratio Lower Upper

142 100

127 43.5 34.5 51.7

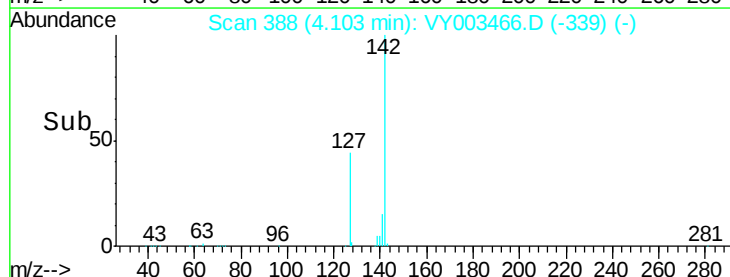
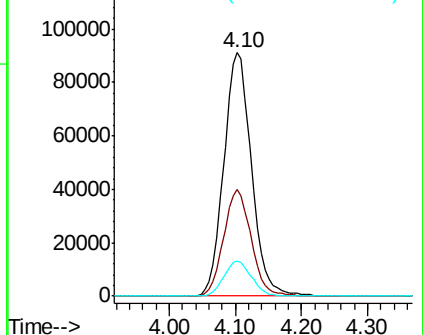
141 14.6 11.8 17.8

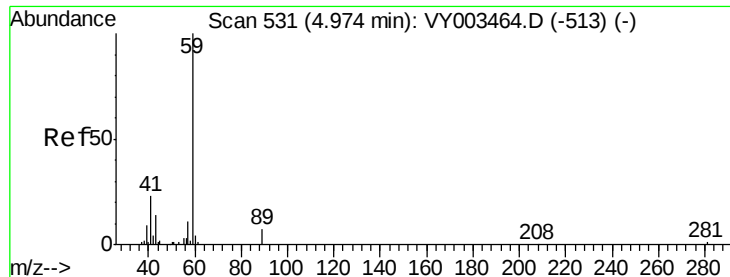


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



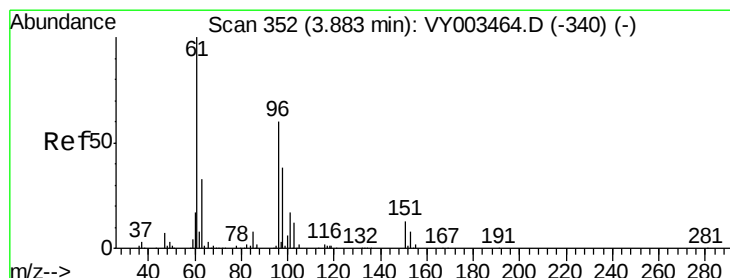
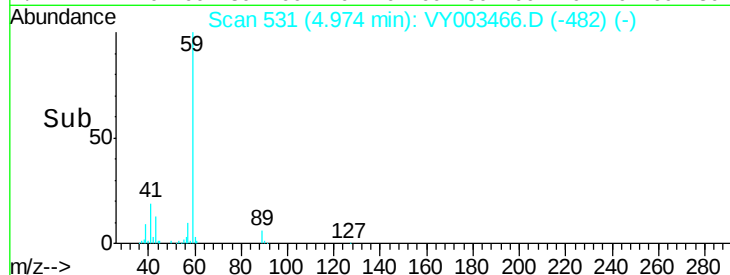
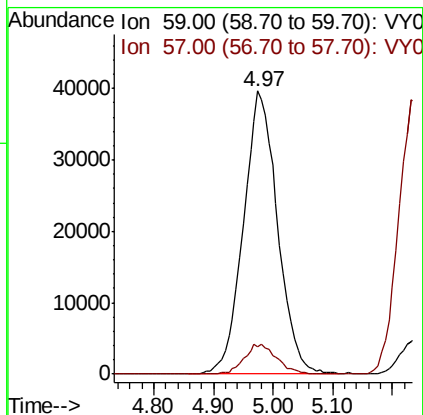
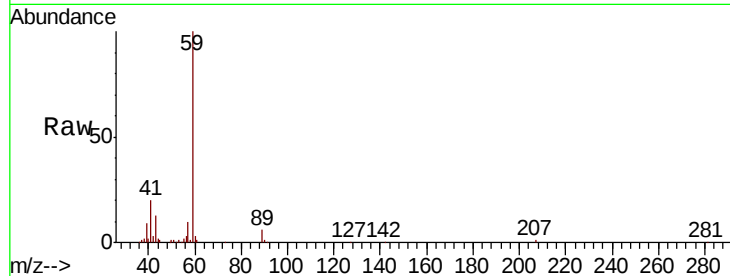


#11

Tert butyl alcohol
Concen: 716.319 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

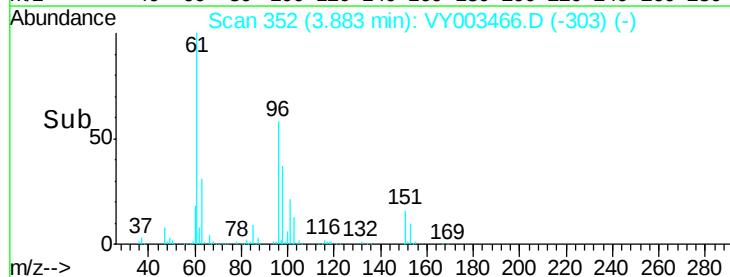
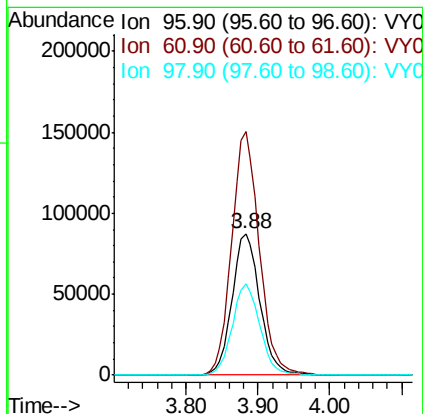
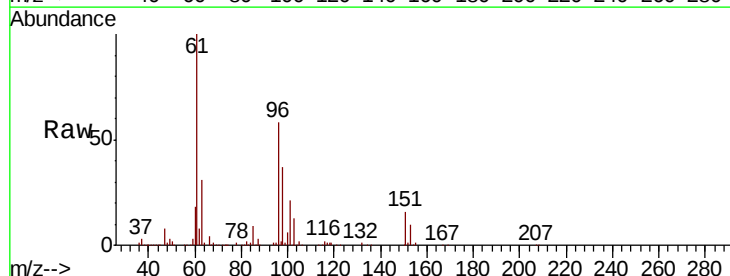
Tot Ion: 59 Resp: 157452
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9

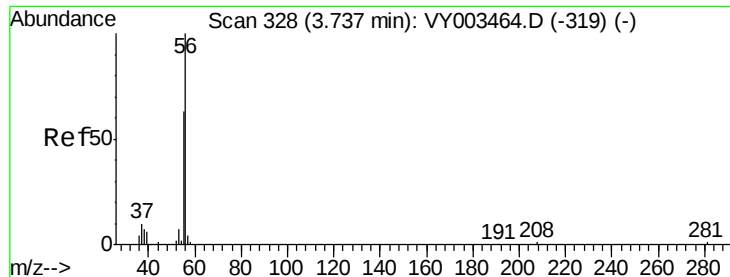


#12

1,1-Dichloroethene
Concen: 130.387 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 96 Resp: 235058
Ion Ratio Lower Upper
96 100
61 172.0 133.6 200.4
98 64.3 50.2 75.2





#13

Acrolein

Concen: 655.807 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

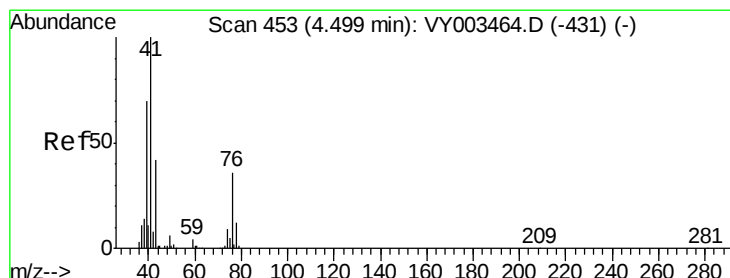
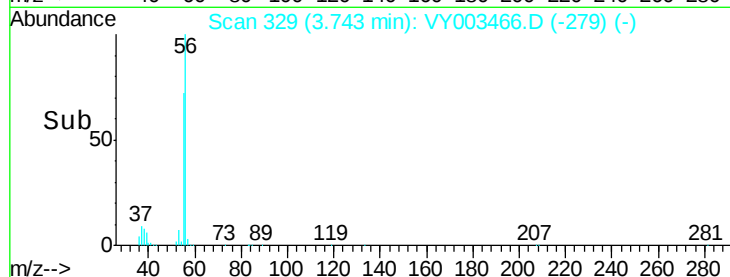
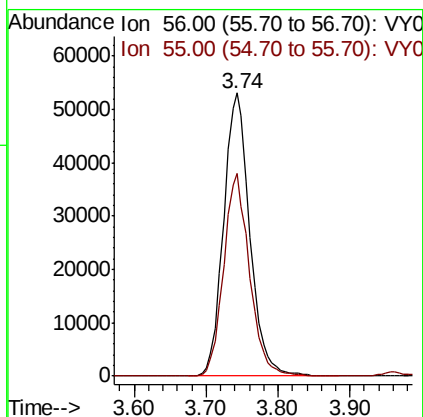
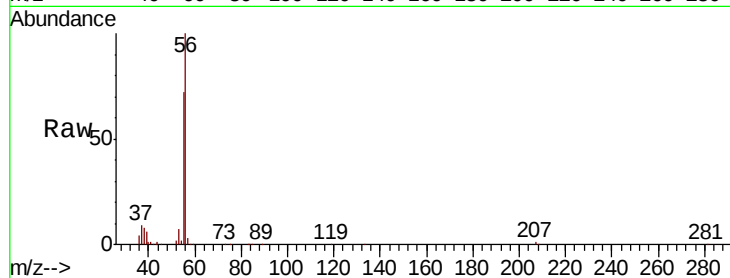
VSTDIC150

Tot Ion: 56 Resp: 134489

Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



#14

Allyl chloride

Concen: 138.225 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

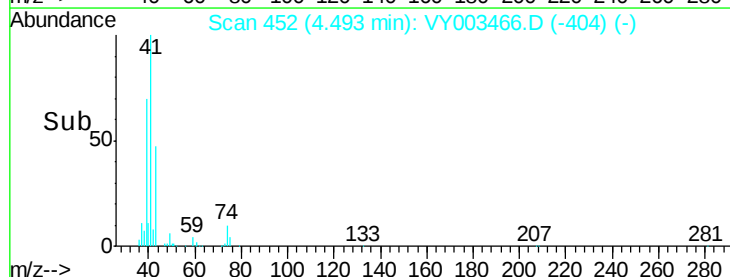
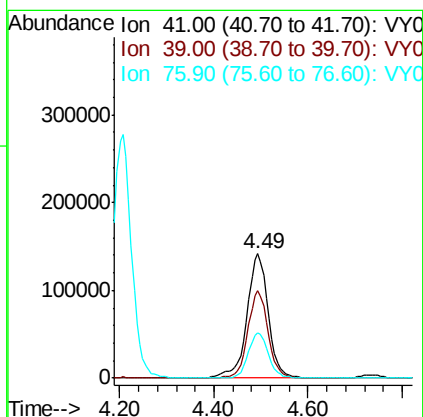
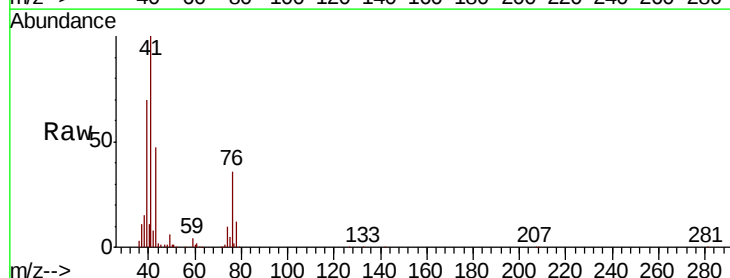
Tgt Ion: 41 Resp: 445512

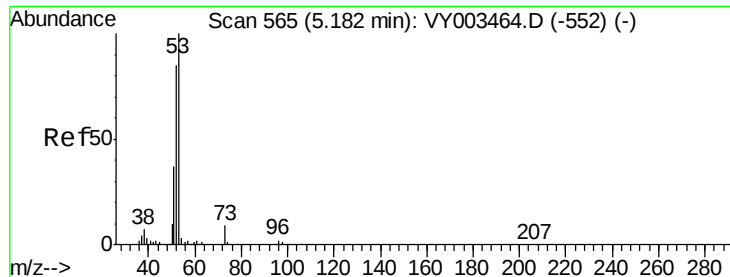
Ion Ratio Lower Upper

41 100

39 67.2 54.4 81.6

76 34.2 27.6 41.4





#15

Acrylonitrile

Concen: 748.991 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

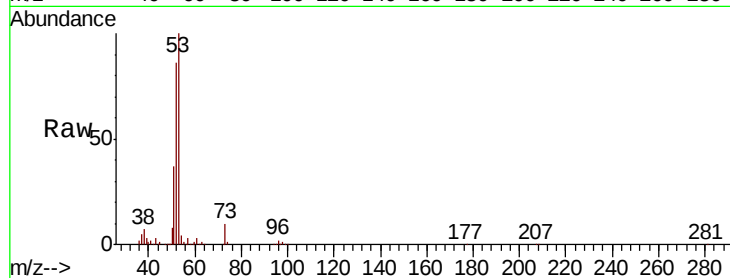
Tot Ion: 53 Resp: 390981

Ion Ratio Lower Upper

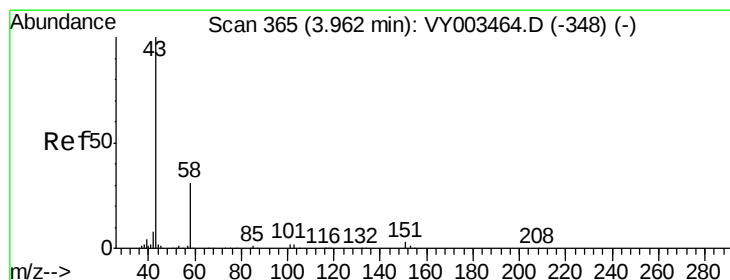
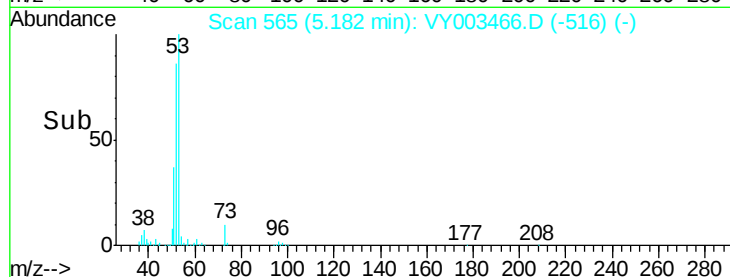
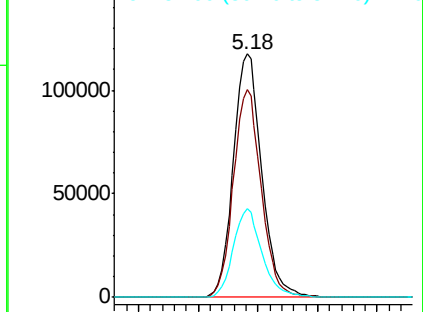
53 100

52 83.5 66.9 100.3

51 36.7 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 938.344 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY003466.D

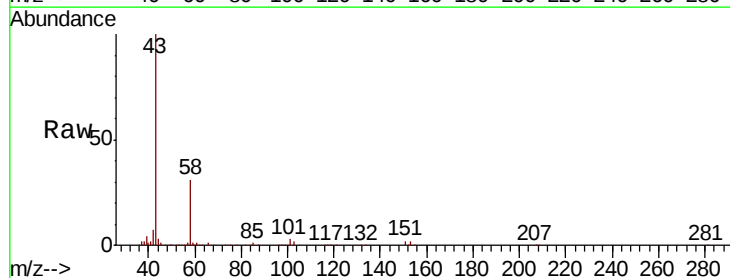
Acq: 02 Nov 2020 12:01

Tgt Ion: 43 Resp: 558002

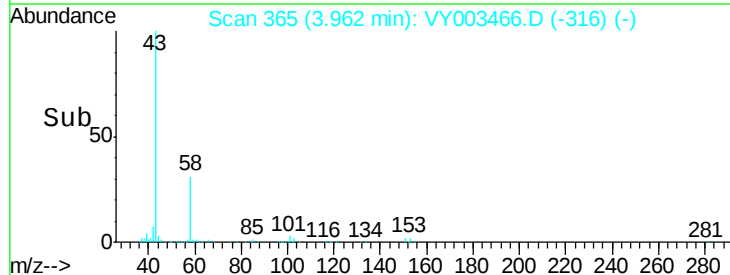
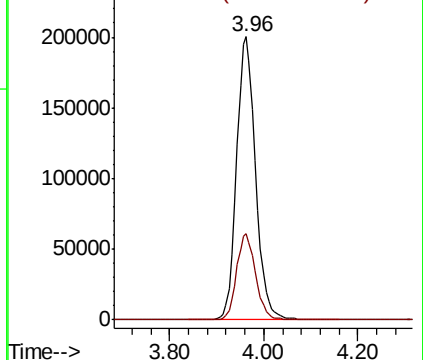
Ion Ratio Lower Upper

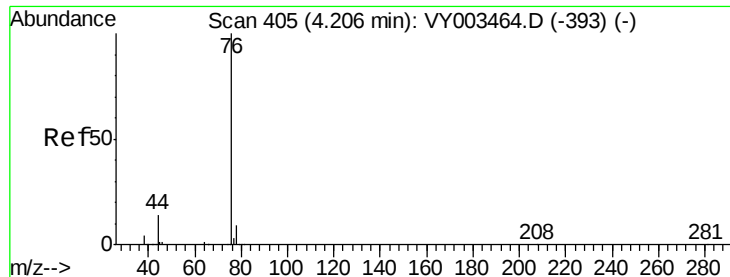
43 100

58 30.7 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 130.355 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

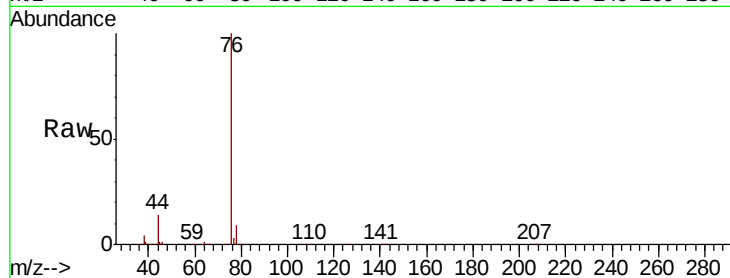
VSTDIC150

Tot Ion: 76 Resp: 766024

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

300000

250000

200000

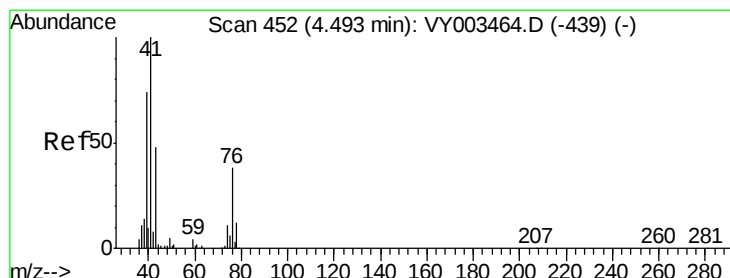
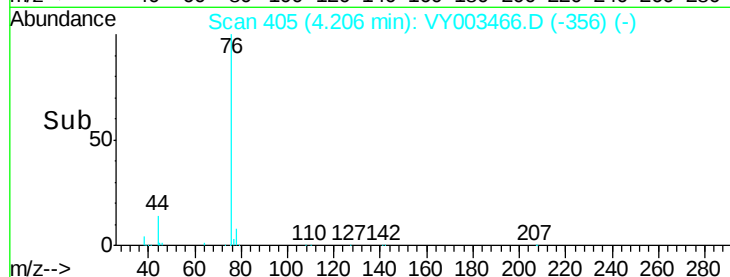
150000

100000

50000

0

Time--> 4.00 4.20 4.40



#18

Methyl Acetate

Concen: 149.465 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY003466.D

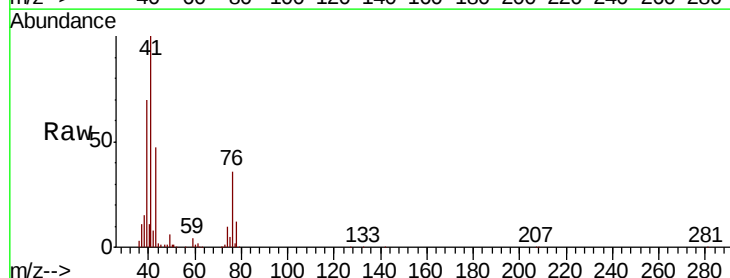
Acq: 02 Nov 2020 12:01

Tgt Ion: 43 Resp: 200978

Ion Ratio Lower Upper

43 100

74 22.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

80000

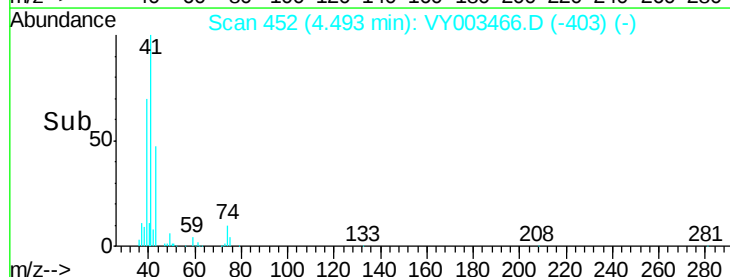
60000

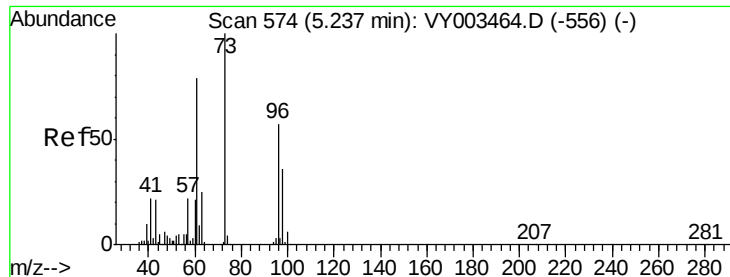
40000

20000

0

Time--> 4.30 4.40 4.50 4.60 4.70

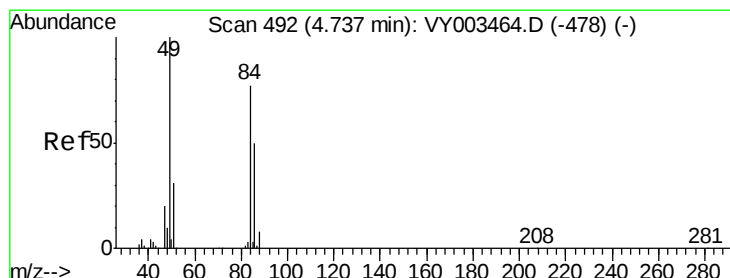
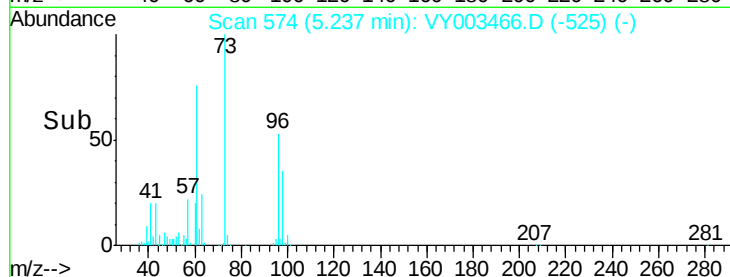
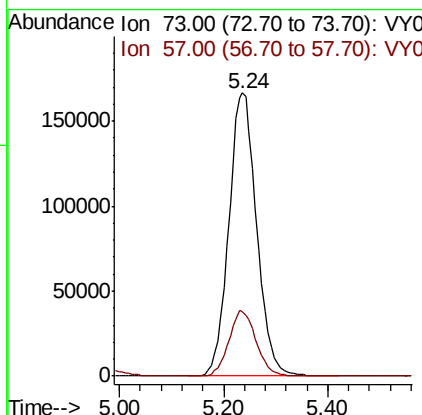
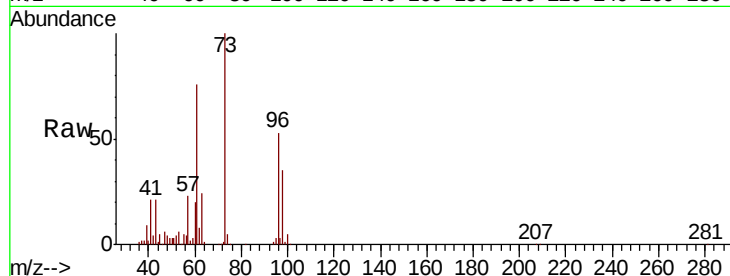




#19
Methvl tert-butvl Ether
Concen: 131.889 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

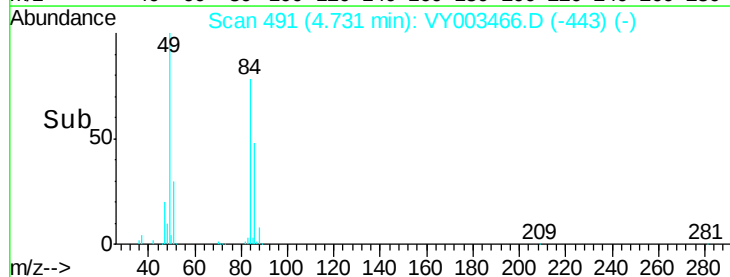
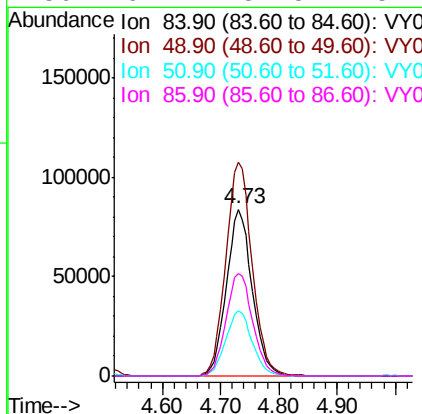
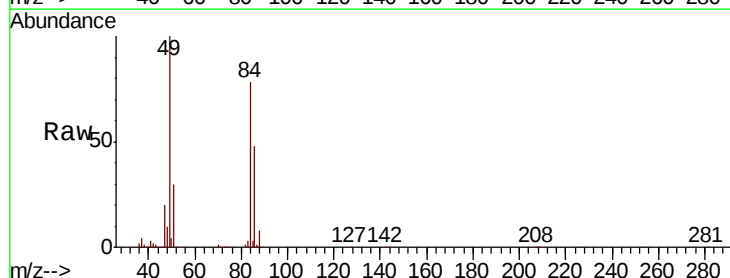
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

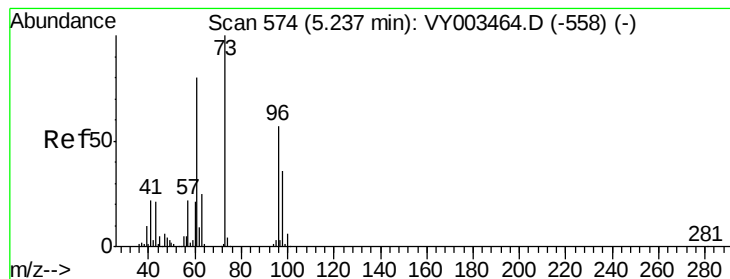
Tot Ion: 73 Resp: 619897
Ion Ratio Lower Upper
73 100
57 22.8 17.2 25.8



#20
Methylene Chloride
Concen: 106.742 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 84 Resp: 257543
Ion Ratio Lower Upper
84 100
49 128.3 104.3 156.5
51 38.9 32.5 48.7
86 61.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 131.752 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

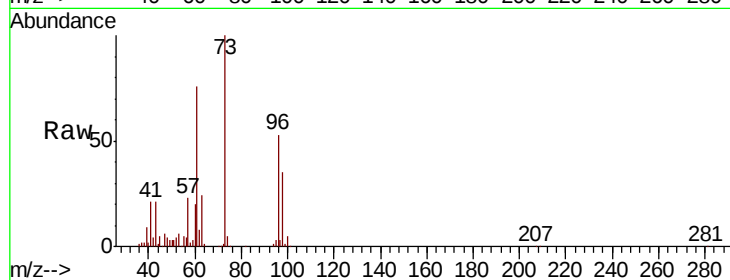
Tot Ion: 96 Resp: 277875

Ion Ratio Lower Upper

96 100

61 142.2 111.3 166.9

98 65.7 50.3 75.5

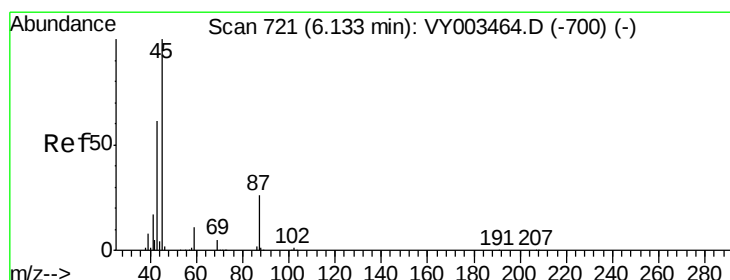
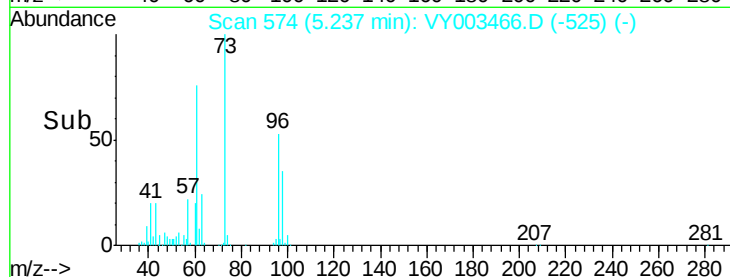
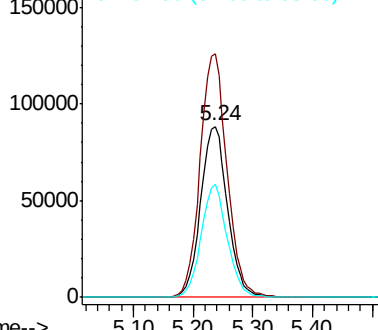


Abundance

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: 130.068 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Tgt Ion: 45 Resp: 776566

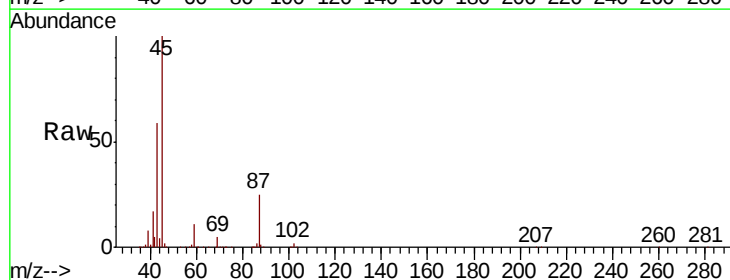
Ion Ratio Lower Upper

45 100

43 58.5 48.8 73.2

87 25.4 20.6 31.0

59 11.3 9.0 13.4



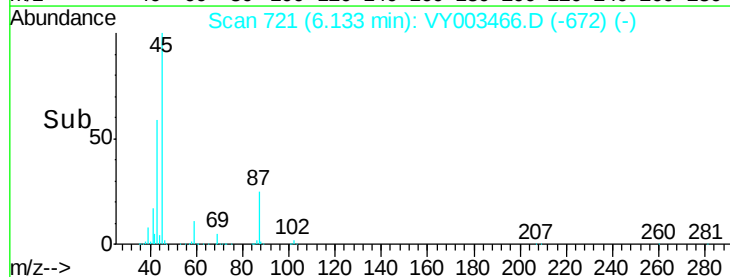
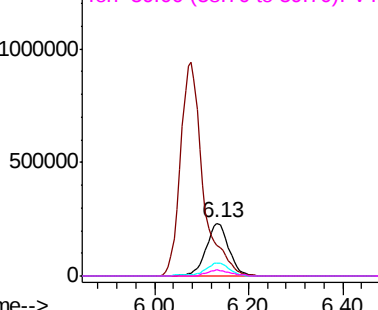
Abundance

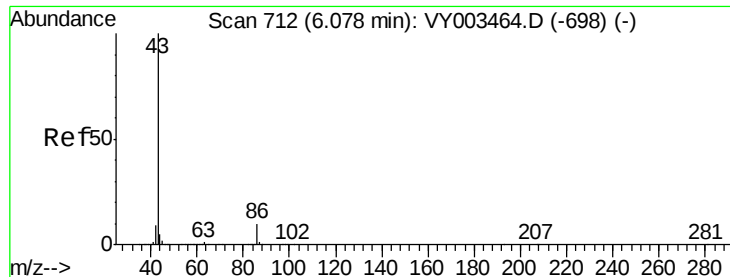
Ion 45.00 (44.70 to 45.70): VY0

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: 705.349 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

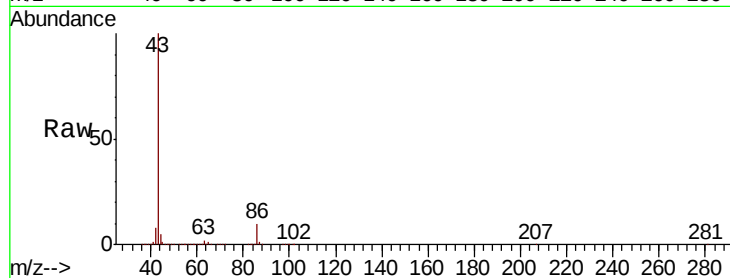
VSTDIC150

Tot Ion: 43 Resp: 3098667

Ion Ratio Lower Upper

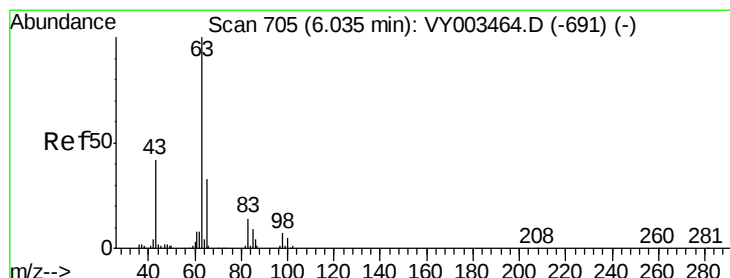
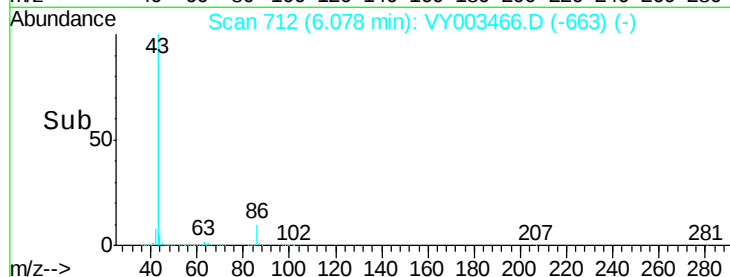
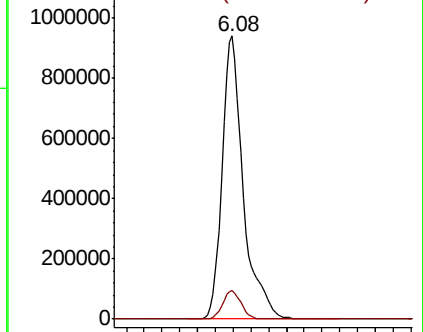
43 100

86 10.3 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: 131.300 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

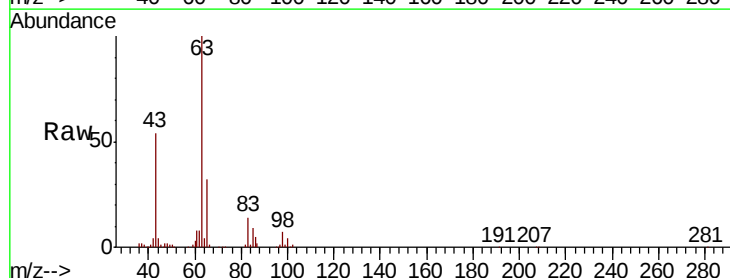
Tgt Ion: 63 Resp: 488373

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

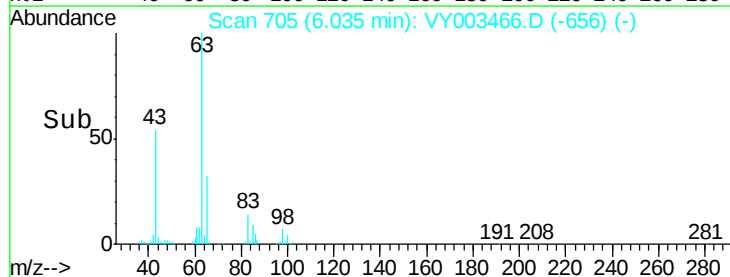
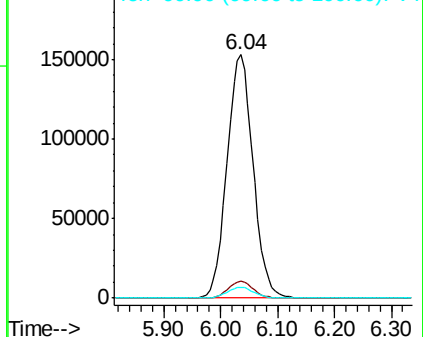
100 4.2 2.3 6.9

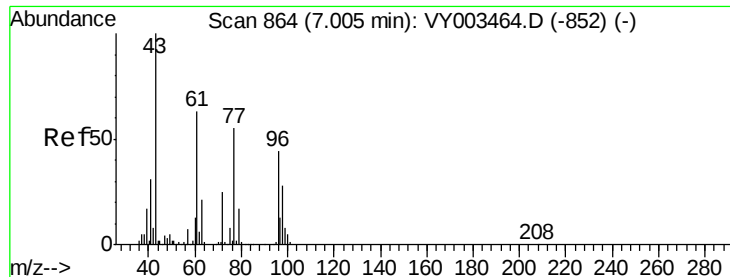


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 850.060 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

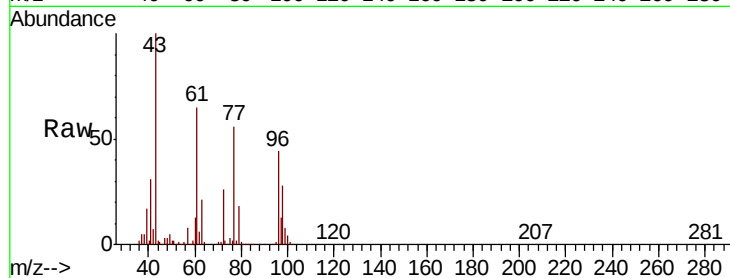
VSTDIC150

Tot Ion: 43 Resp: 702193

Ion Ratio Lower Upper

43 100

72 26.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

250000

200000

150000

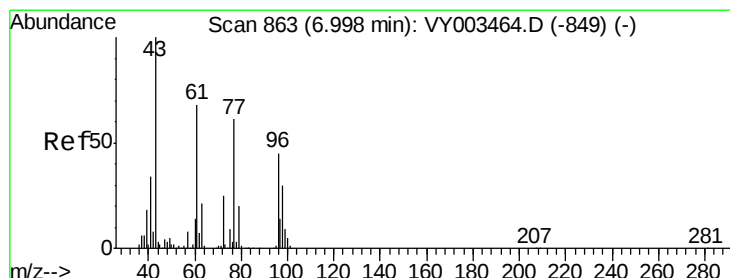
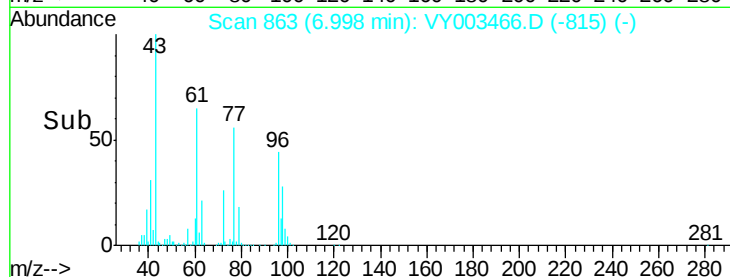
100000

50000

0

6.90 7.00 7.10

Time-->



#26

2,2-Dichloropropane

Concen: 133.702 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003466.D

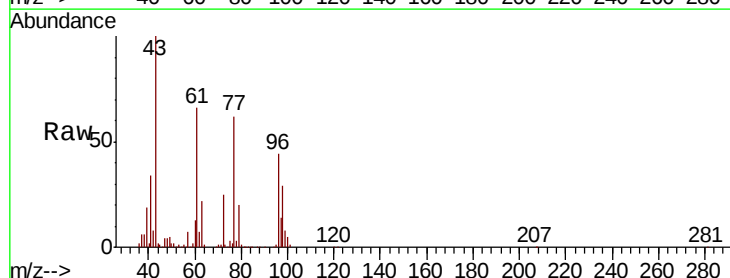
Acq: 02 Nov 2020 12:01

Tgt Ion: 77 Resp: 448721

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

6.99

150000

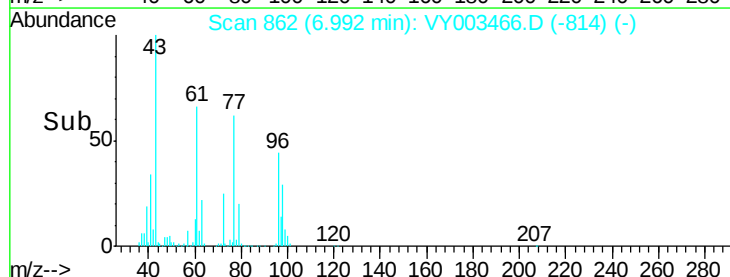
100000

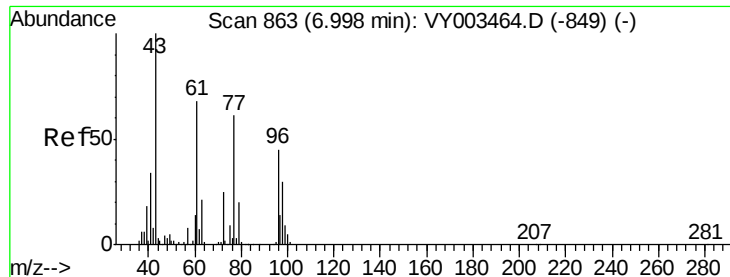
50000

0

6.90 7.00 7.10

Time-->



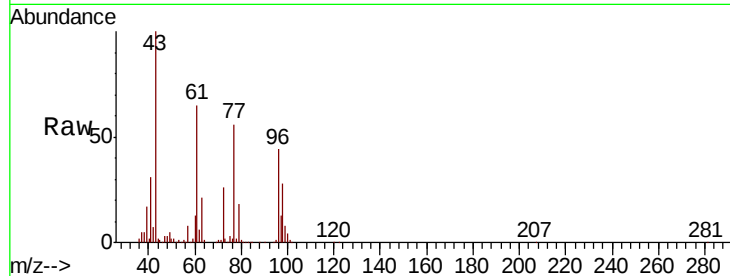


#27

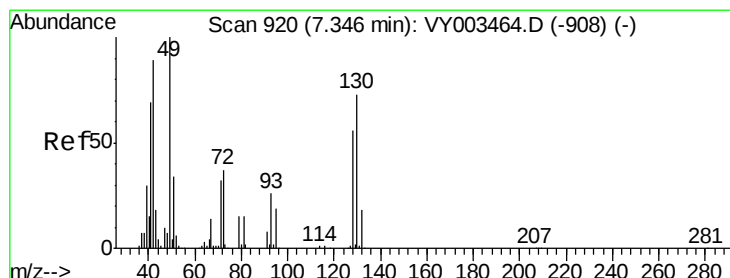
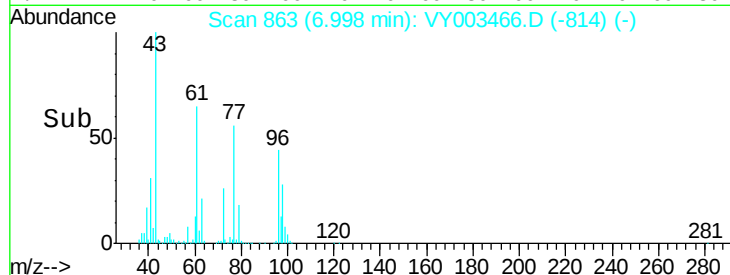
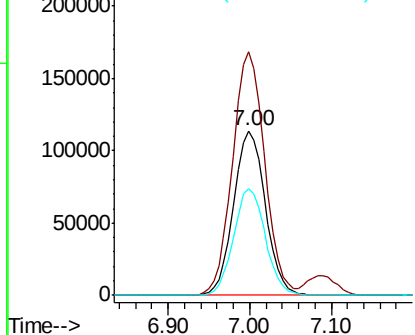
cis-1,2-Dichloroethene
Concen: 131.359 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	96	Resp	307280
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	299.2
98	65.1	0.0	128.6



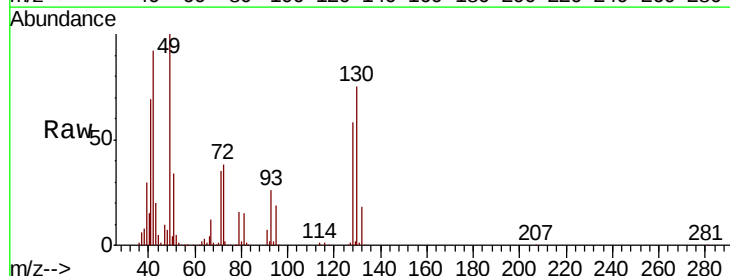
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



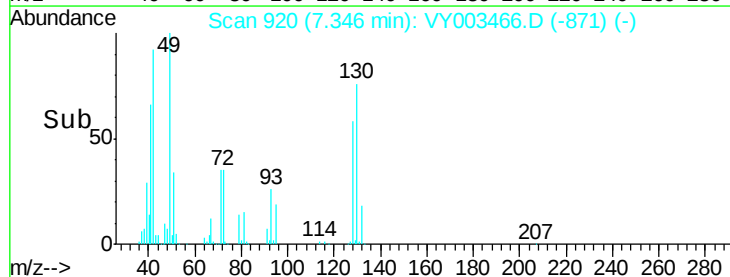
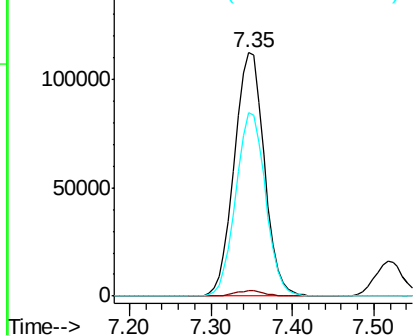
#28

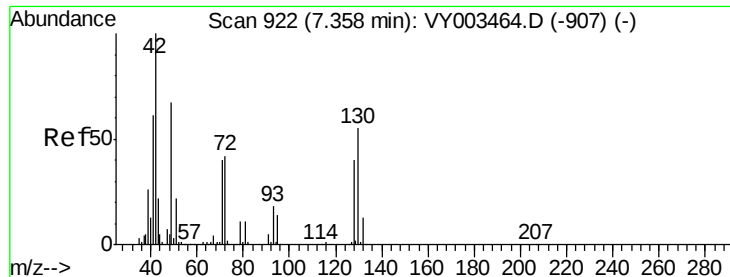
Bromochloromethane
Concen: 157.022 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion	49	Resp	286301
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.0	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

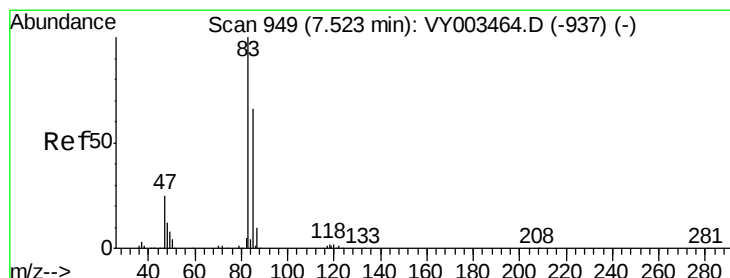
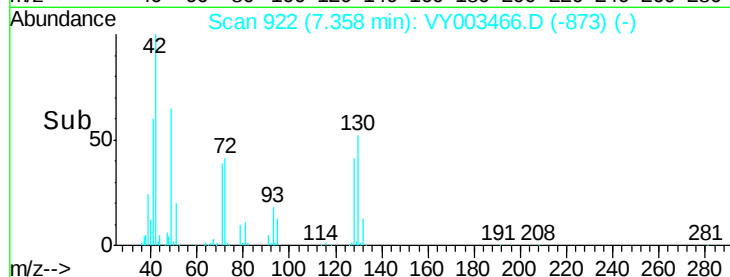
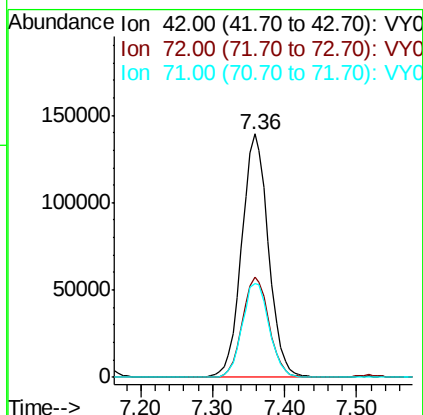
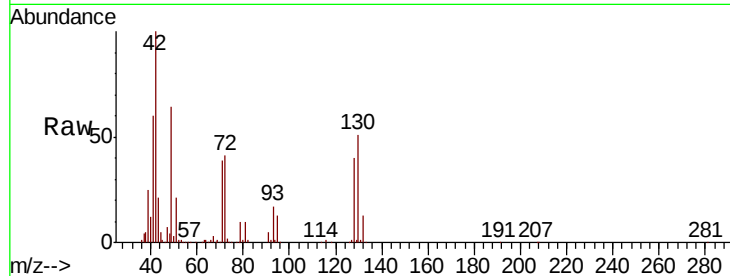




#29
Tetrahydrofuran
Concen: 762.549 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

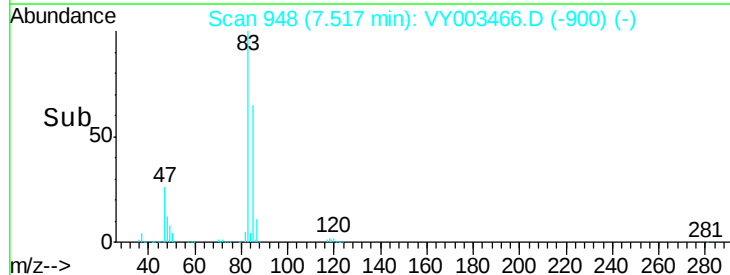
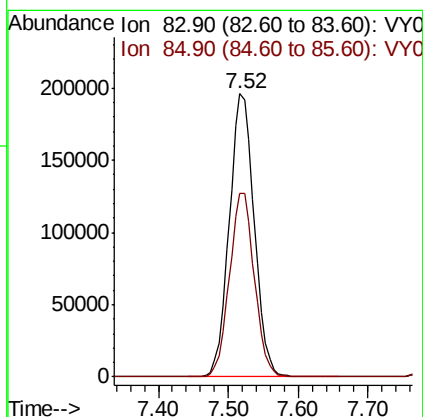
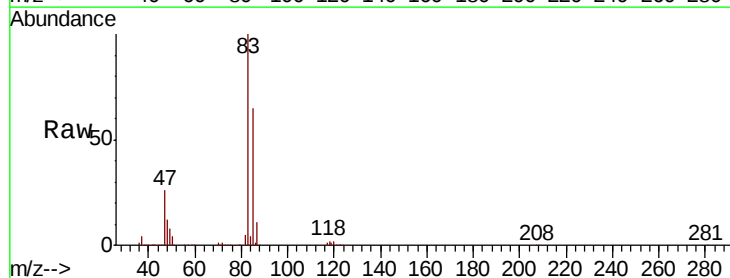
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

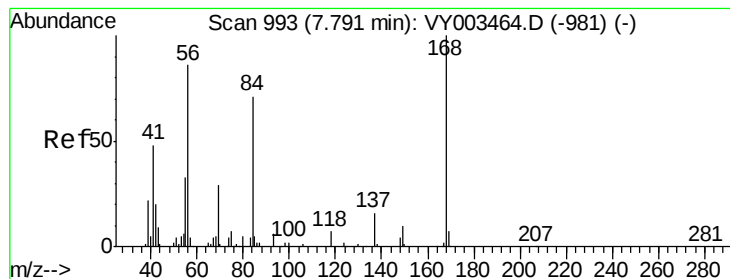
Tot Ion: 42 Resp: 358782
Ion Ratio Lower Upper
42 100
72 41.0 32.8 49.2
71 39.0 30.7 46.1



#30
Chloroform
Concen: 129.170 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 83 Resp: 484554
Ion Ratio Lower Upper
83 100
85 64.8 52.6 79.0





#31

Cyclohexane

Concen: 122.545 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

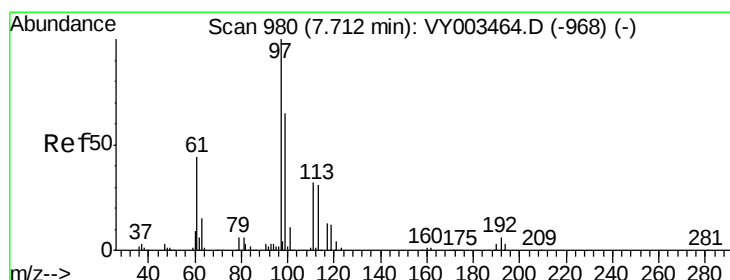
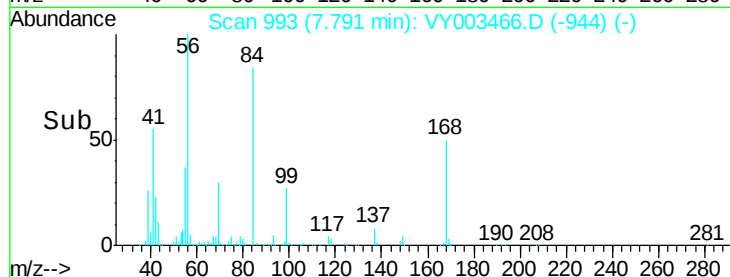
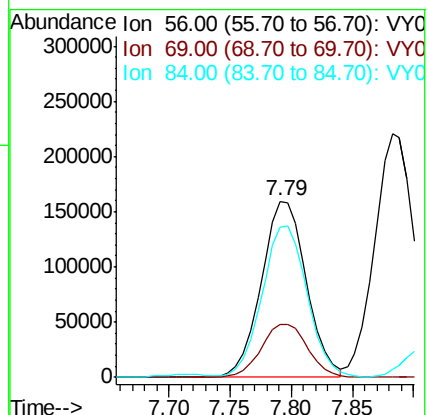
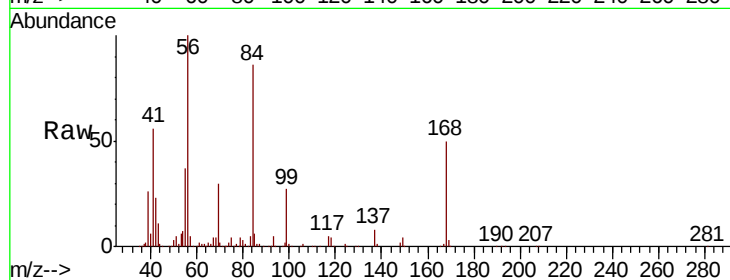
Tot Ion: 56 Resp: 408486

Ion Ratio Lower Upper

56 100

69 30.2 26.6 39.8

84 83.9 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 129.918 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

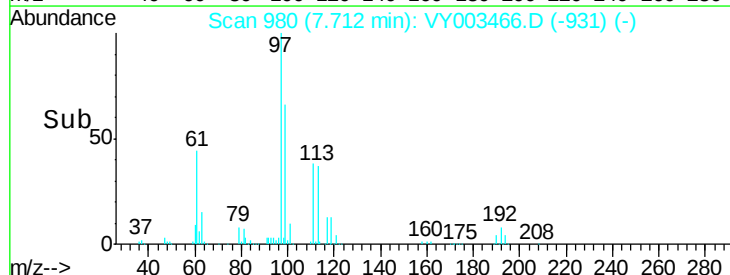
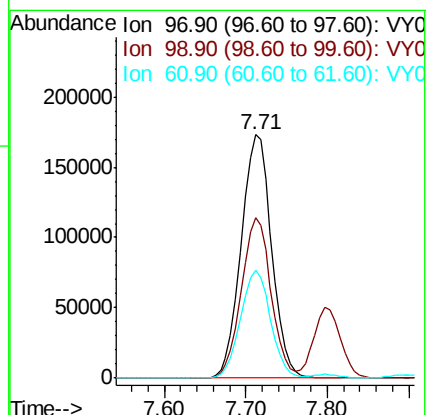
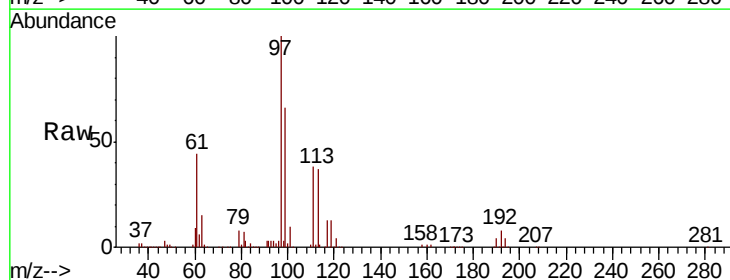
Tgt Ion: 97 Resp: 448154

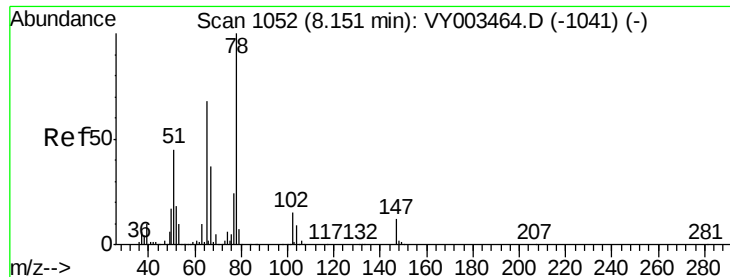
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 43.8 35.1 52.7

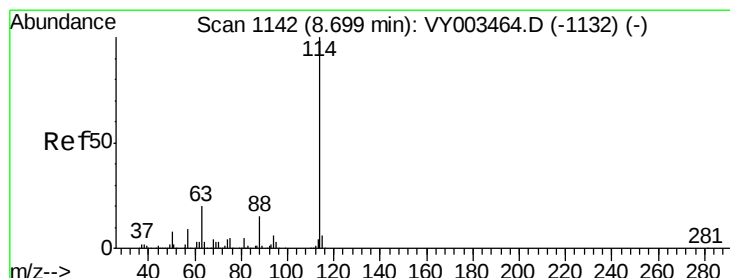
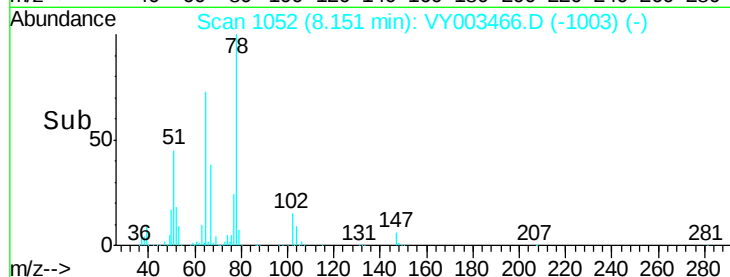
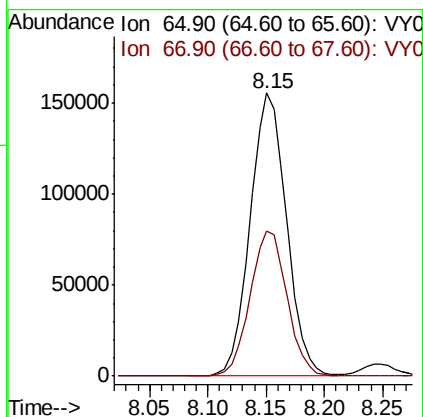
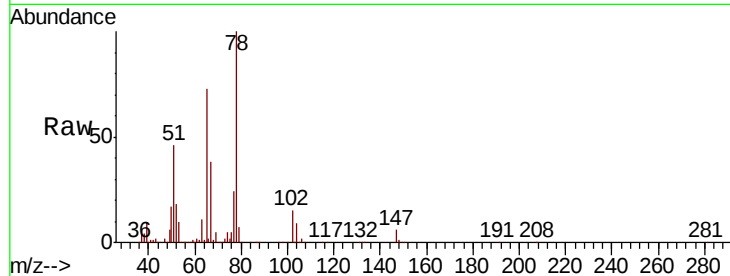




#33
 1,2-Dichloroethane-d4
 Concen: 149.831 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

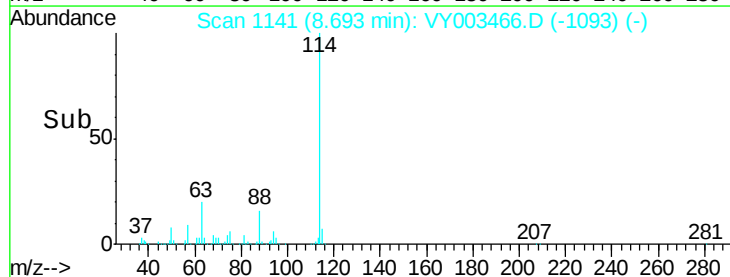
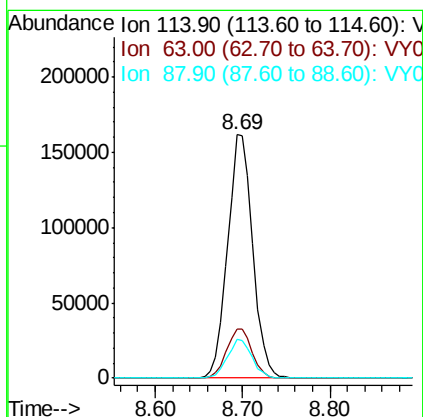
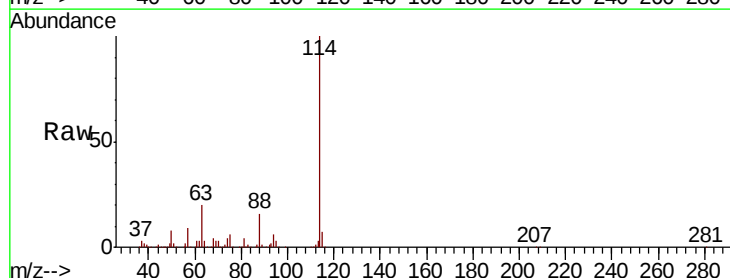
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

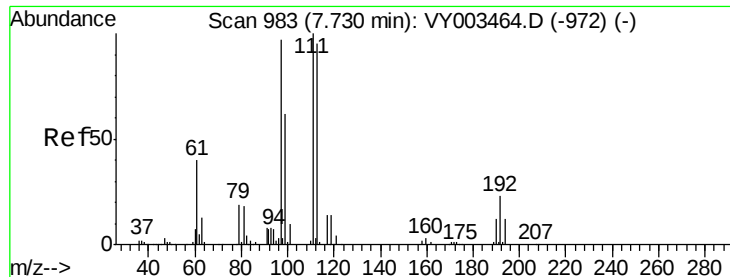
Tot Ion: 65 Resp: 339003
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion: 114 Resp: 322537
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.8 0.0 29.4

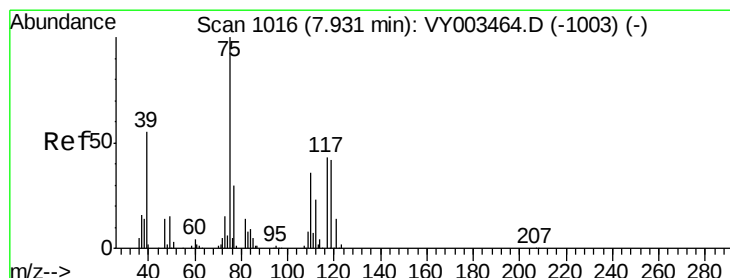
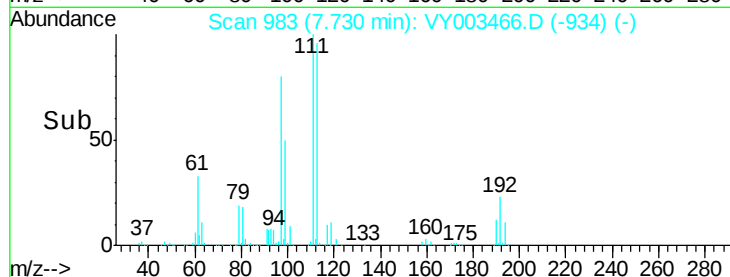
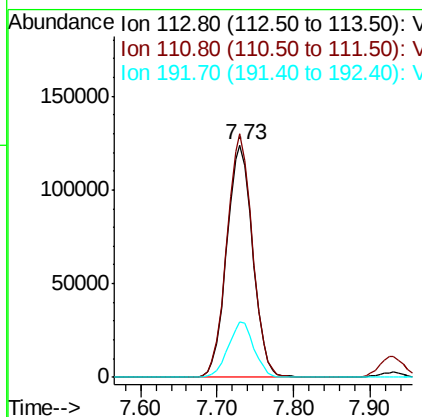
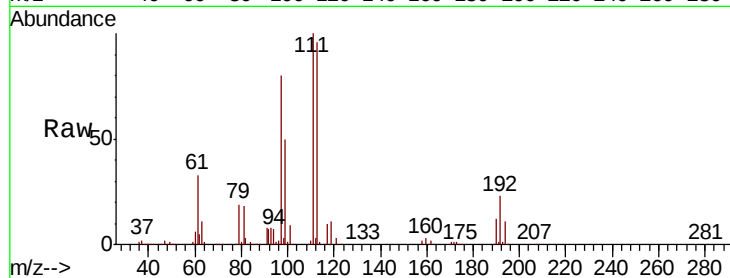




#35
 Dibromofluoromethane
 Concen: 150.992 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

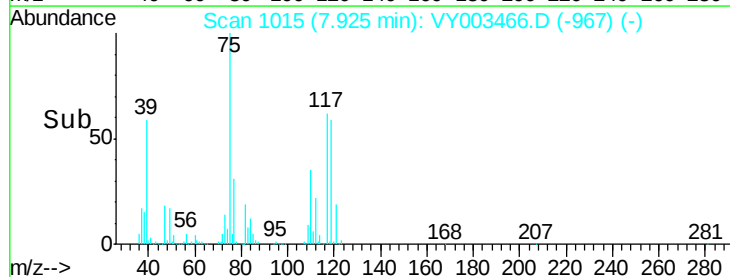
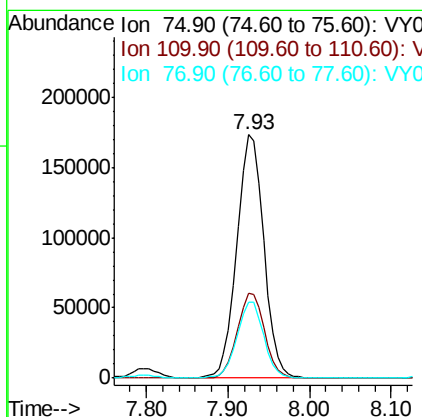
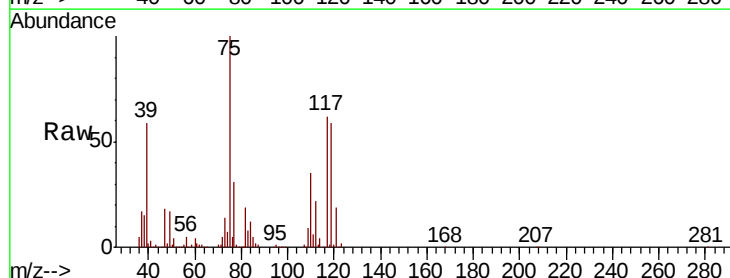
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

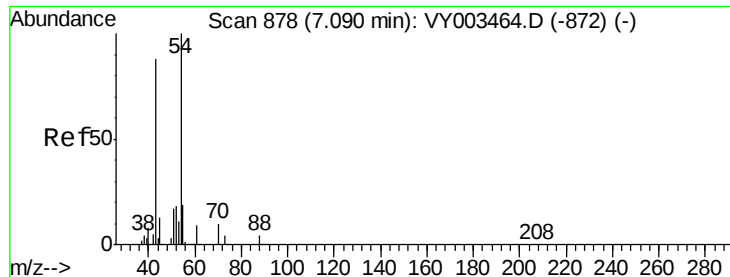
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	23.7	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 130.527 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.6	52.9
77	31.3	24.7	37.1

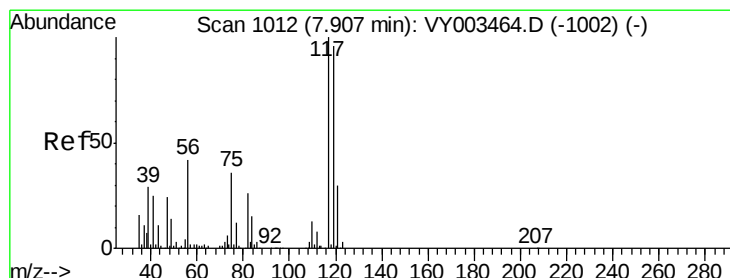
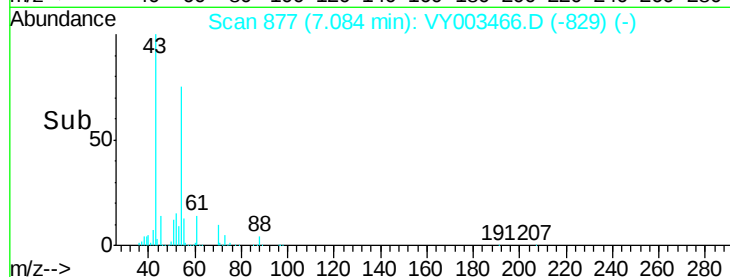
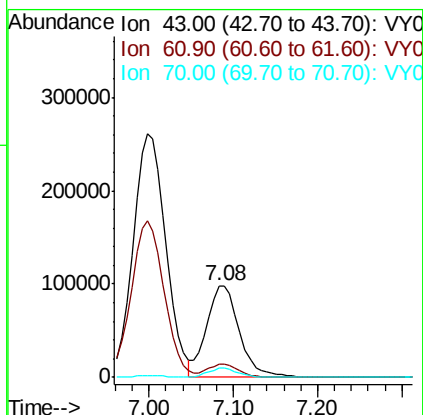
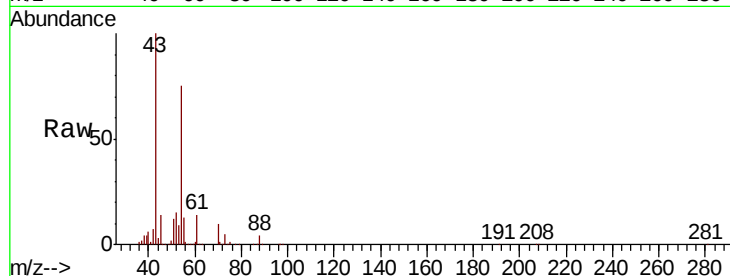




#37
Ethyl Acetate
Concen: 147.452 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

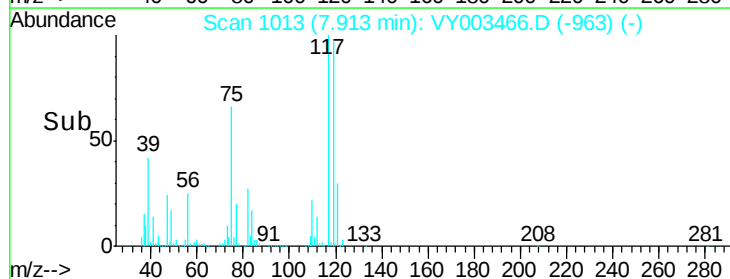
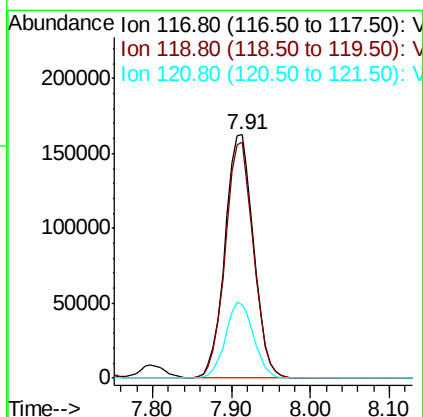
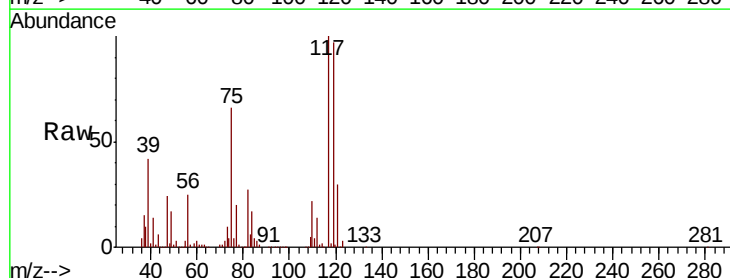
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

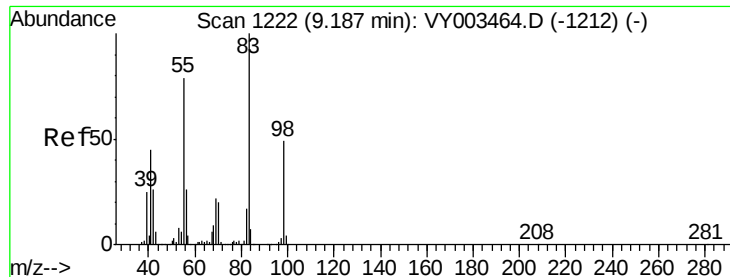
Tot Ion: 43 Resp: 264449
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.6
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 129.034 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 117 Resp: 409365
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.4
121 30.4 24.2 36.4

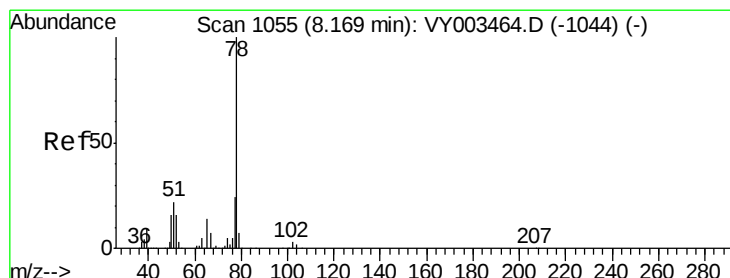
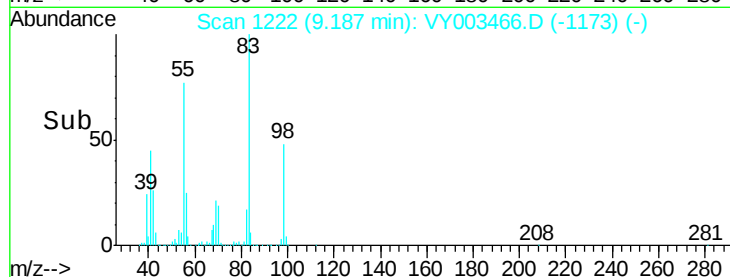
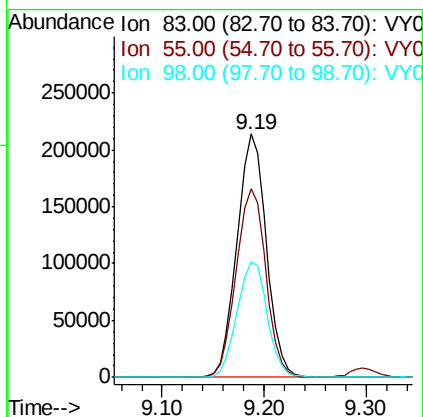
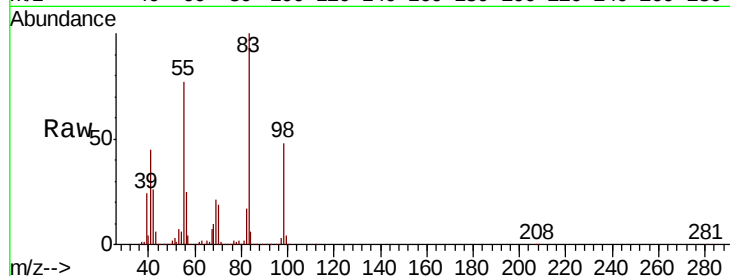




#39
Methylcyclohexane
Concen: 128.055 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

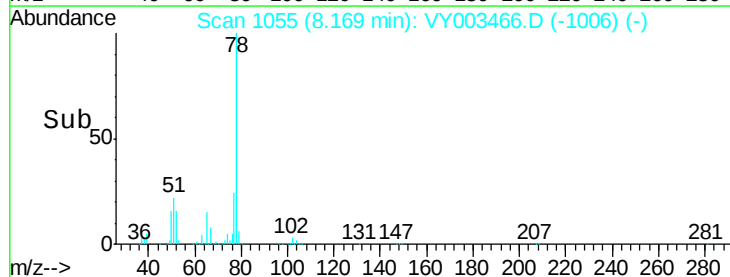
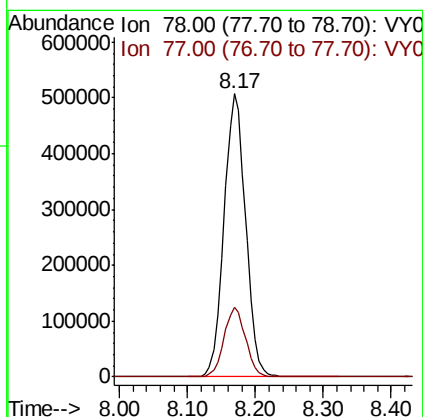
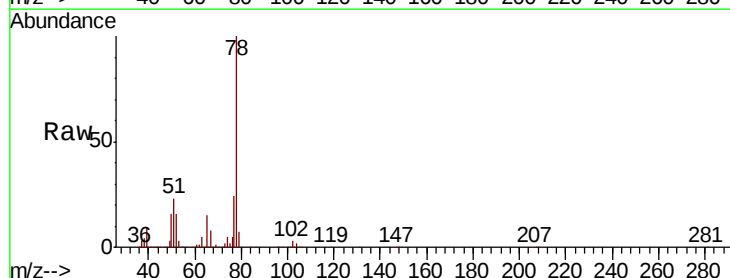
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

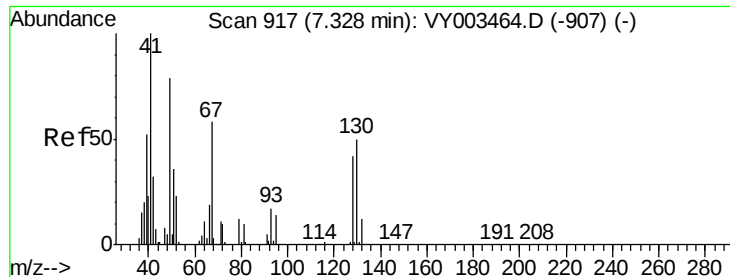
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	63.5	95.3
98	47.8	39.4	59.2



#40
Benzene
Concen: 129.937 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0

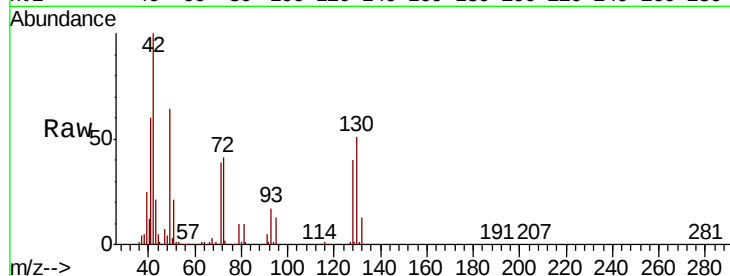




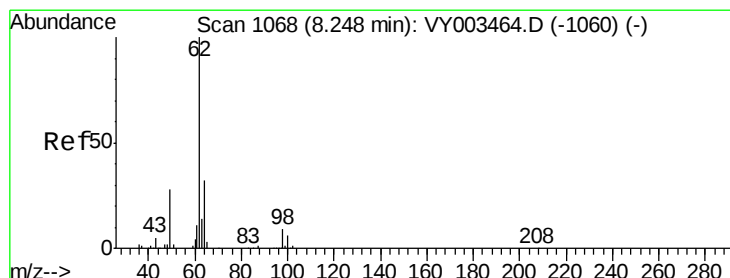
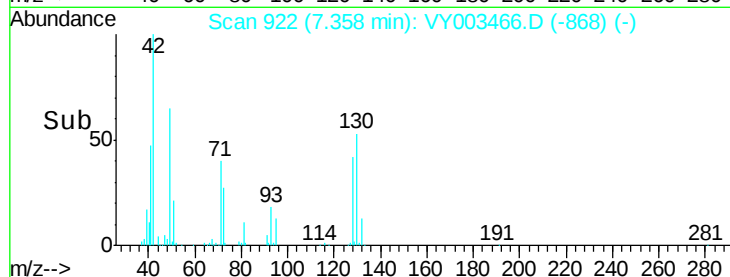
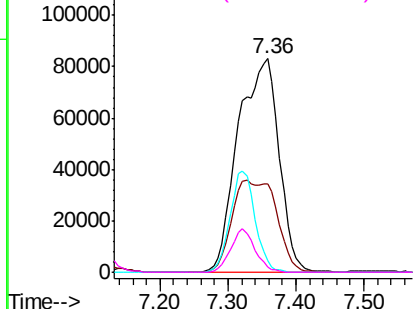
#41
Methacrylonitrile
Concen: 381.338 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	347860
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

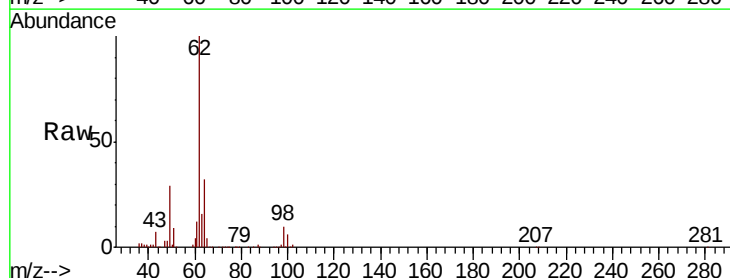


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

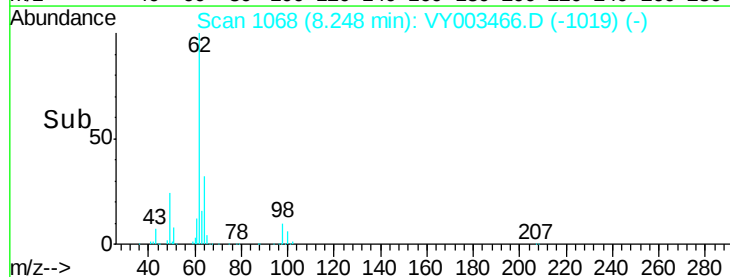
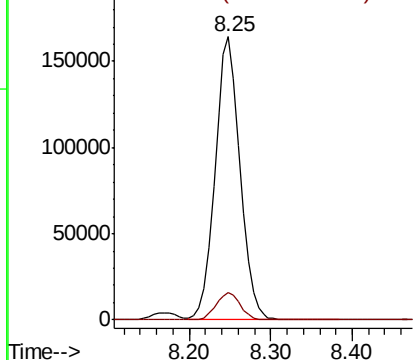


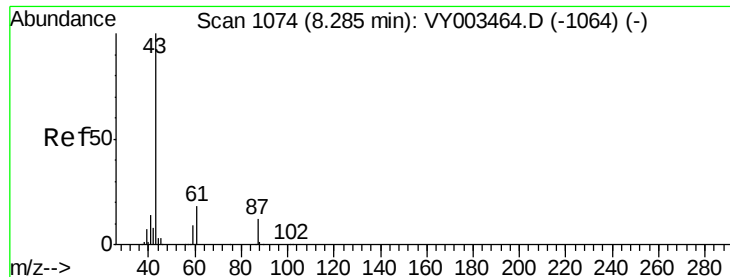
#42
1,2-Dichloroethane
Concen: 128.168 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:	62	Resp:	348630
Ion	Ratio	Lower	Upper
62	100		
98	9.4	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: 142.682 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

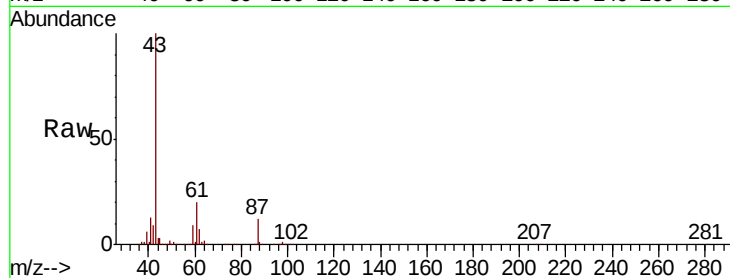
Tot Ion: 43 Resp: 476838

Ion Ratio Lower Upper

43 100

61 27.3 21.9 32.9

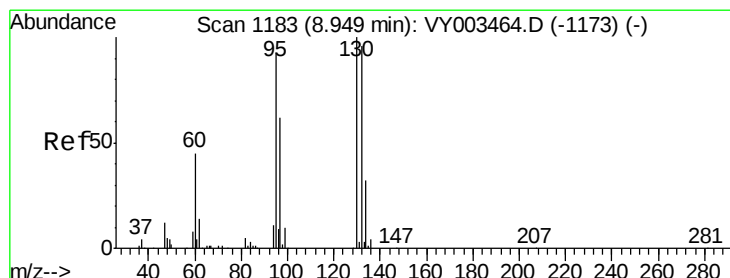
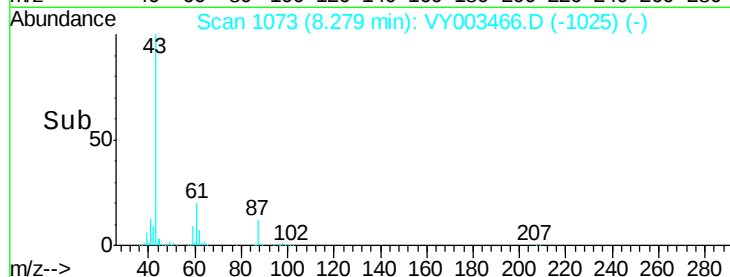
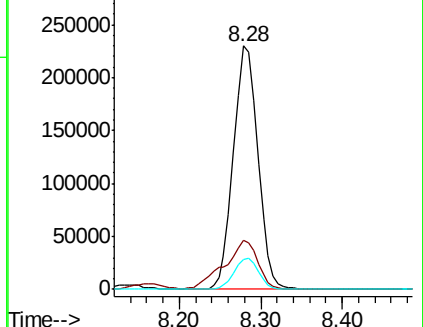
87 12.7 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003466.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY003466.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY003466.D (-1025) (-)



#44

Trichloroethene

Concen: 123.389 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003466.D

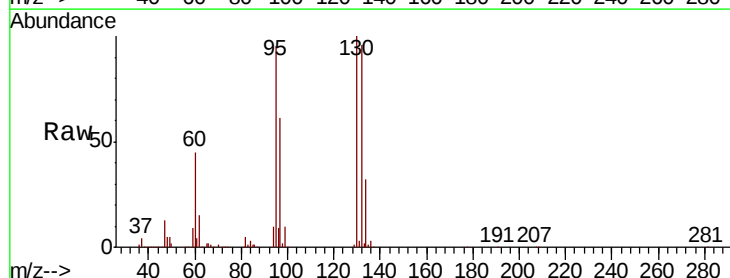
Acq: 02 Nov 2020 12:01

Tgt Ion:130 Resp: 309484

Ion Ratio Lower Upper

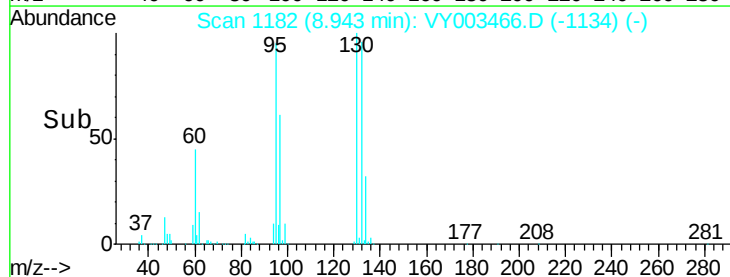
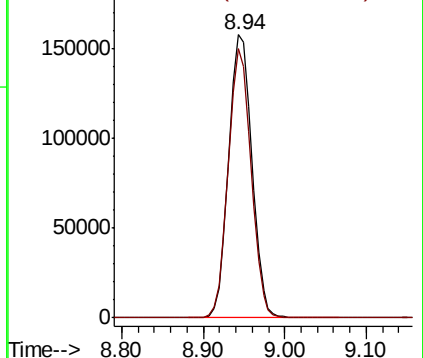
130 100

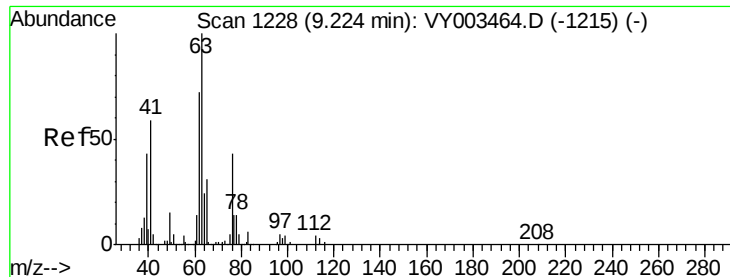
95 95.0 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003466.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY003466.D (-1134) (-)





#45

1,2-Dichloropropane

Concen: 128.980 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

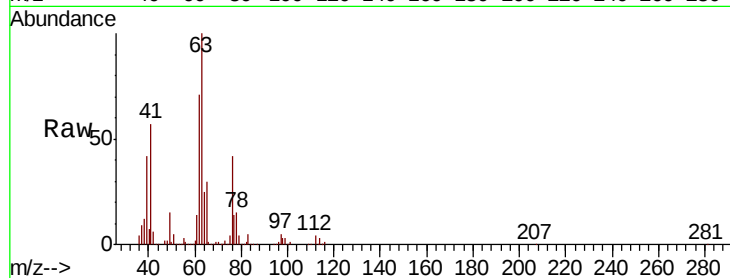
VSTDIC150

Tot Ion: 63 Resp: 280983

Ion Ratio Lower Upper

63 100

65 30.4 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

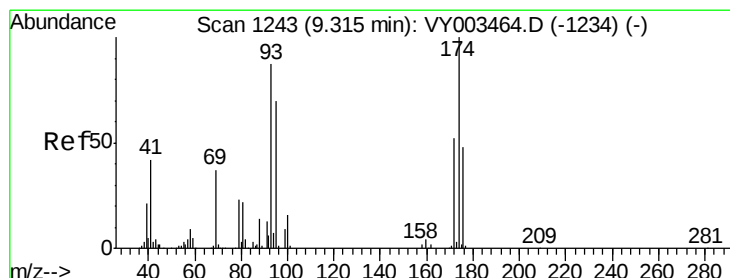
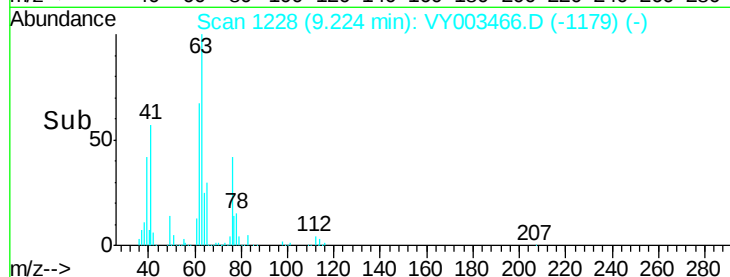
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 129.902 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

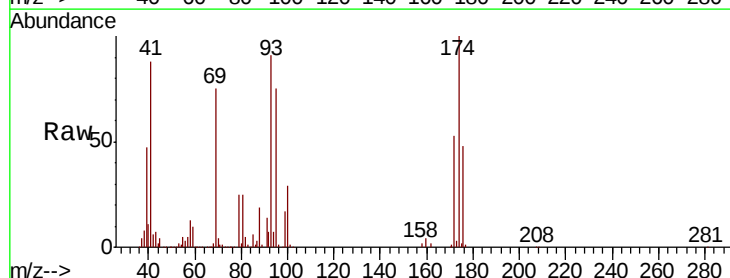
Tgt Ion: 93 Resp: 159712

Ion Ratio Lower Upper

93 100

95 82.4 65.0 97.6

174 113.2 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

120000

100000

80000

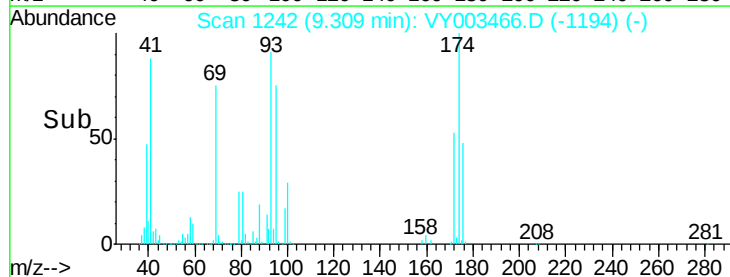
60000

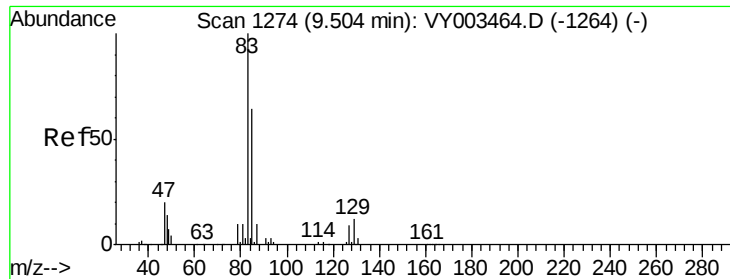
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 129.041 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

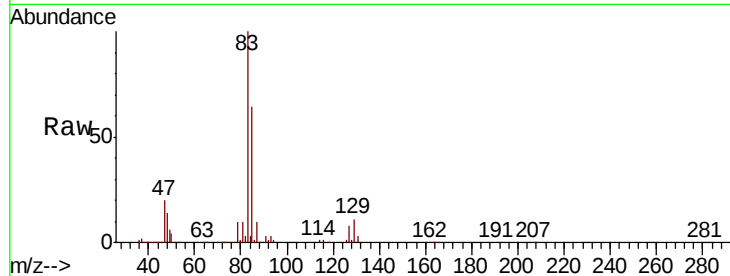
Tot Ion: 83 Resp: 389331

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.6

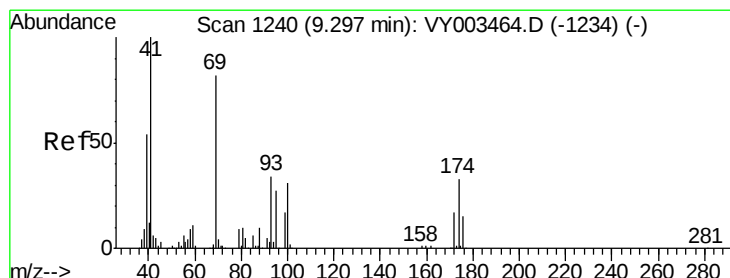
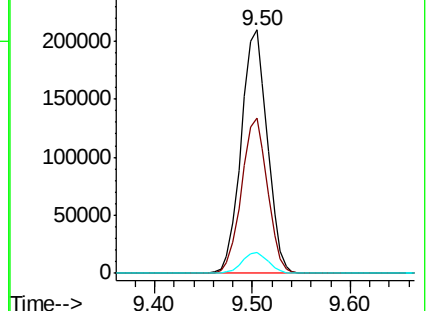
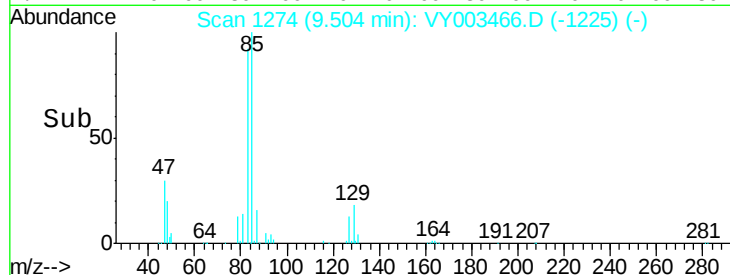
127 8.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY003466.D (-1225) (-)

Ion 84.90 (84.60 to 85.60): VY003466.D (-1225) (-)

Ion 126.80 (126.50 to 127.50): VY003466.D (-1225) (-)



#48

Methyl methacrylate

Concen: 146.072 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

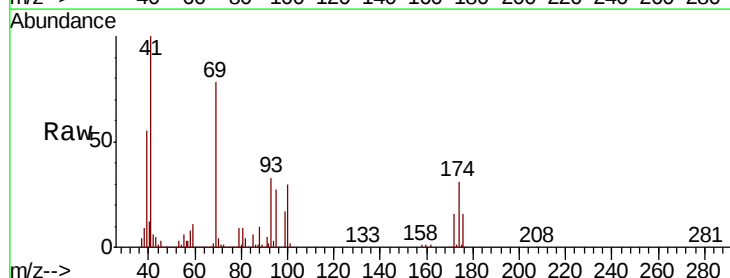
Tgt Ion: 41 Resp: 231048

Ion Ratio Lower Upper

41 100

69 82.3 65.9 98.9

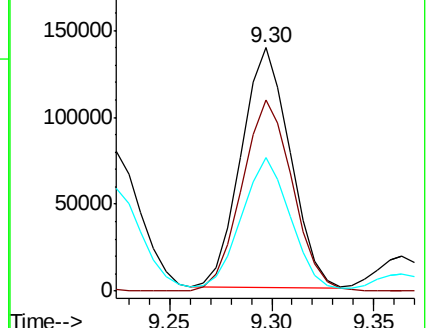
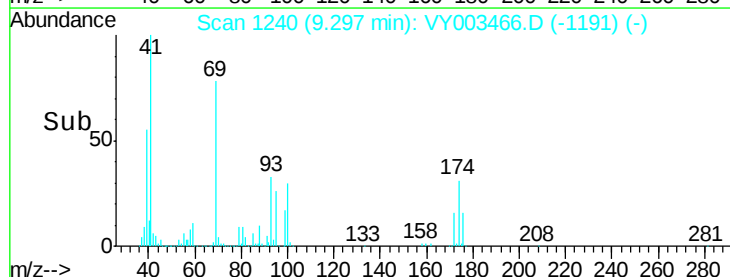
39 56.3 43.2 64.8

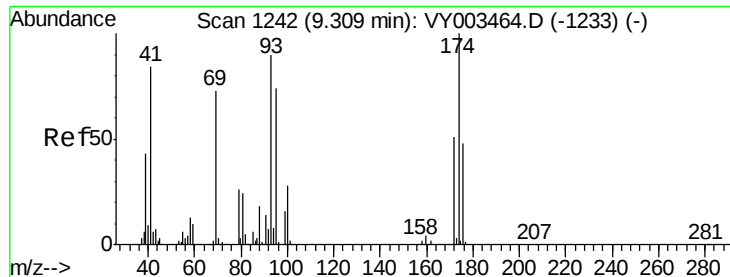


Abundance Ion 41.00 (40.70 to 41.70): VY003466.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY003466.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY003466.D (-1191) (-)





#49

1,4-Dioxane

Concen: 2988.643 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

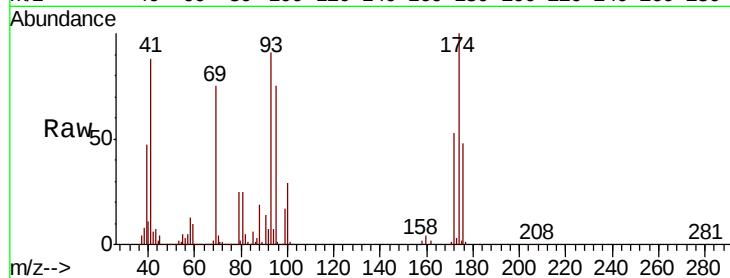
Tot Ion: 88 Resp: 43772

Ion Ratio Lower Upper

88 100

43 31.7 27.6 41.4

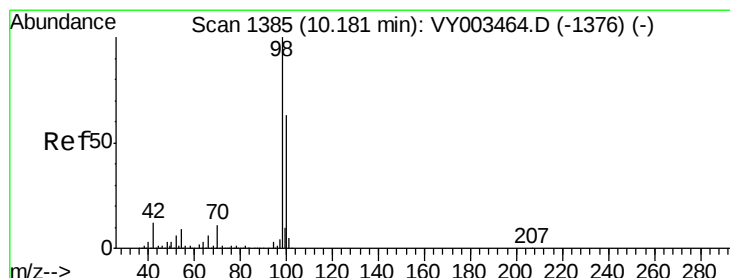
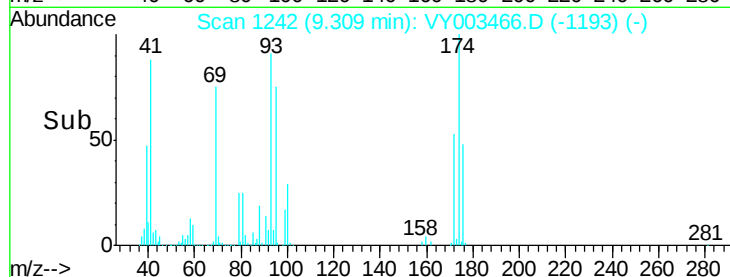
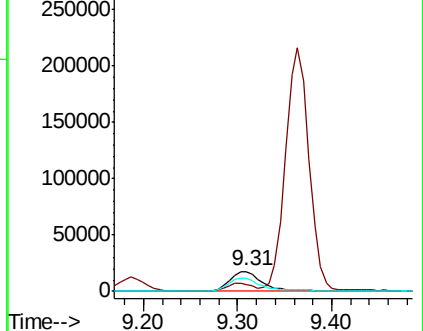
58 75.1 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VY003466.D (-1193) (-)

Ion 43.00 (42.70 to 43.70): VY003466.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY003466.D (-1193) (-)



#50

Toluene-d8

Concen: 150.313 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003466.D

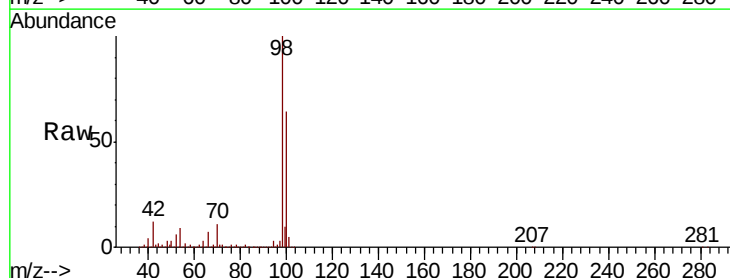
Acq: 02 Nov 2020 12:01

Tgt Ion: 98 Resp: 1212180

Ion Ratio Lower Upper

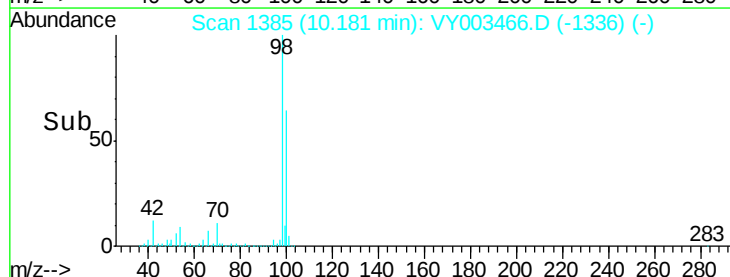
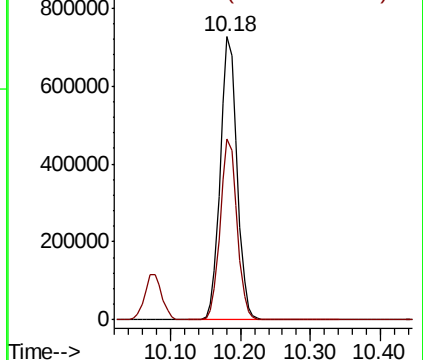
98 100

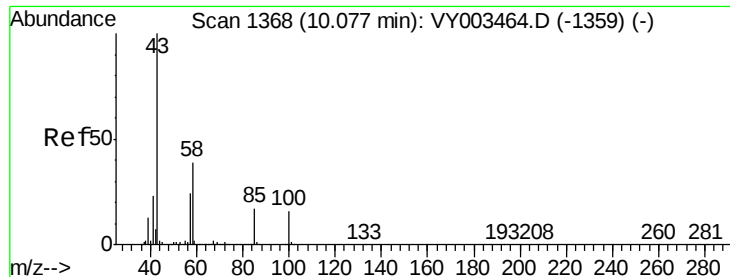
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY003466.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY003466.D (-1336) (-)

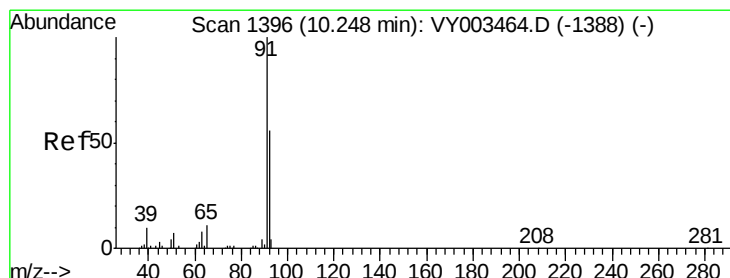
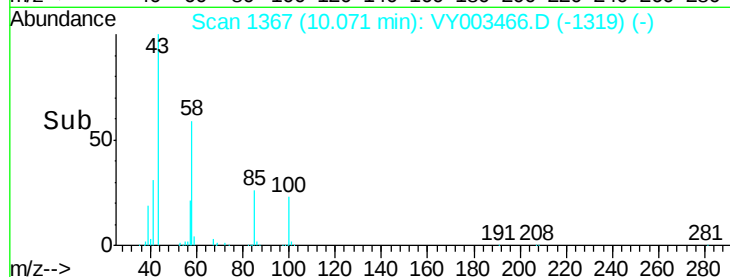
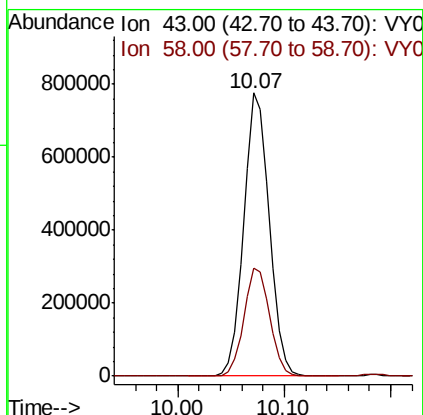
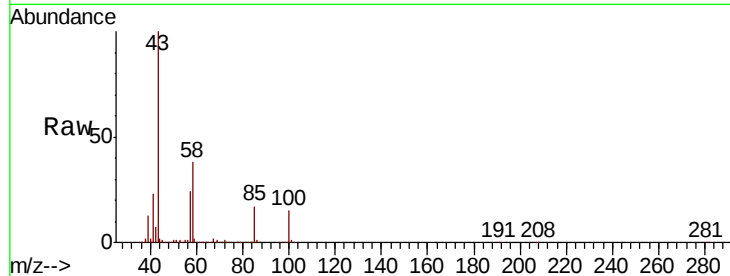




#51
4-Methyl-2-Pentanone
Concen: 734.618 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

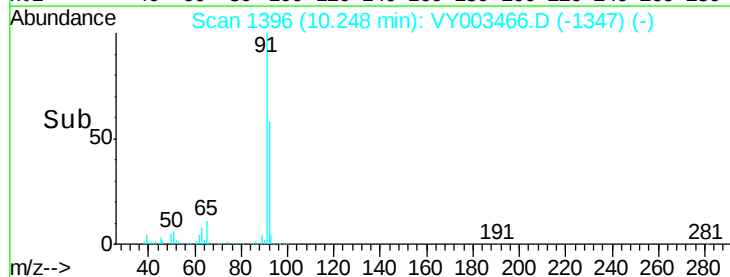
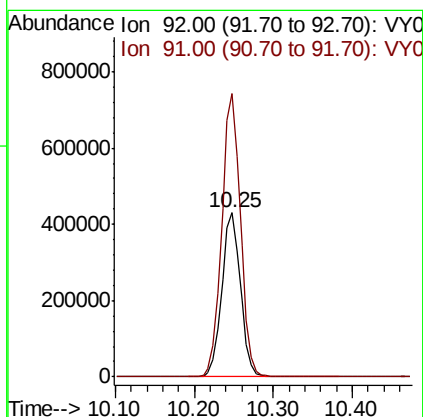
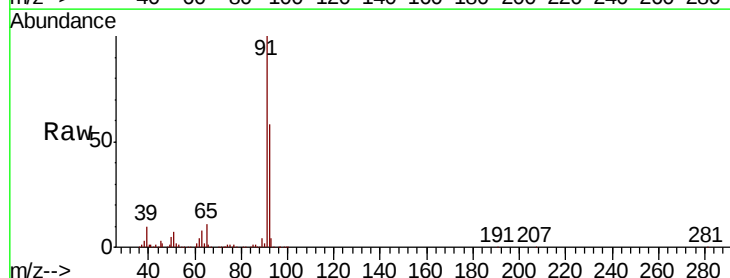
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

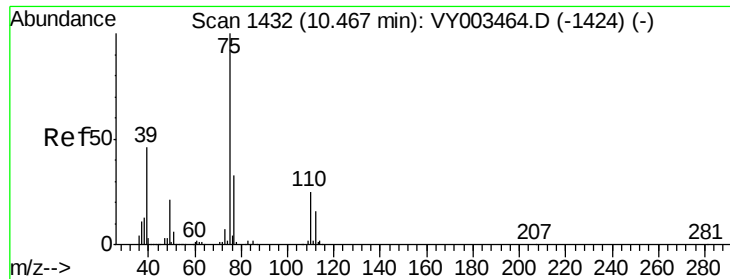
Tot Ion: 43 Resp: 1306616
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.4



#52
Toluene
Concen: 128.602 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 92 Resp: 707108
Ion Ratio Lower Upper
92 100
91 172.6 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 132.530 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

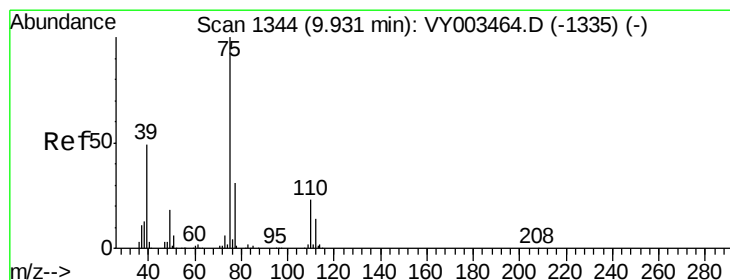
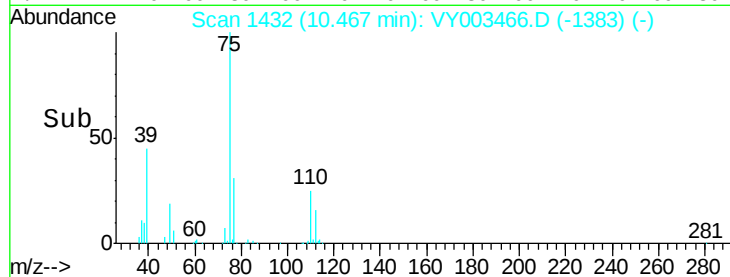
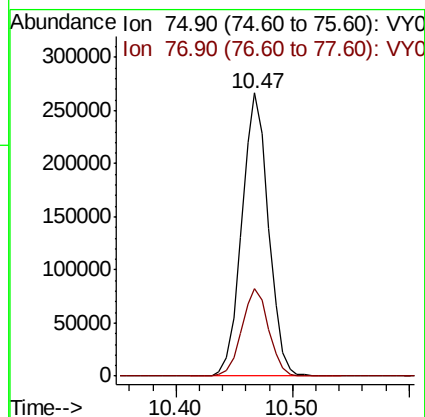
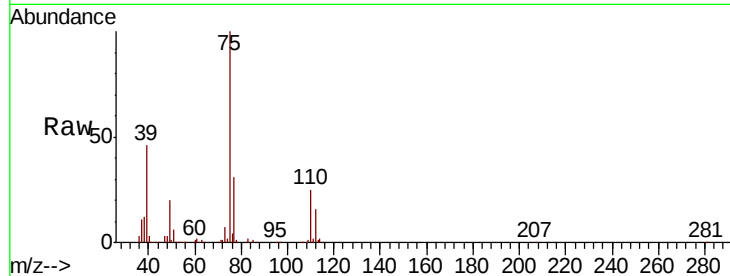
VSTDIC150

Tot Ion: 75 Resp: 425106

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 130.099 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

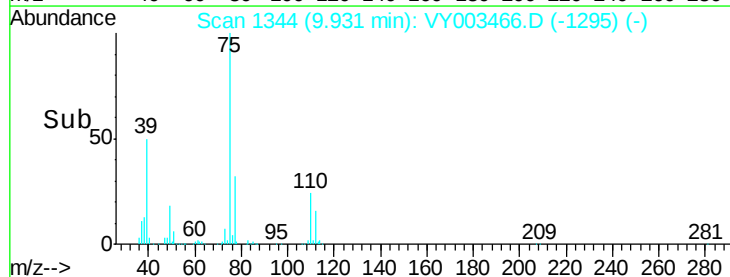
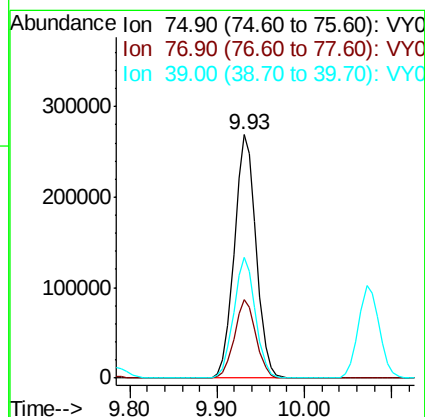
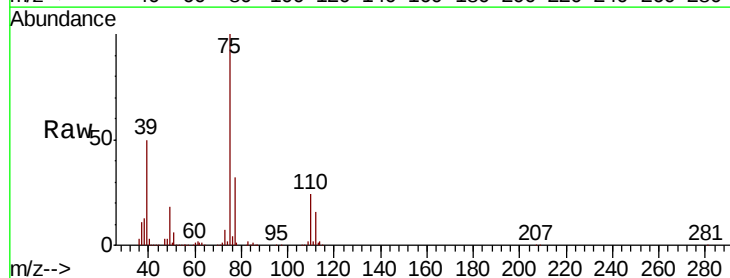
Tgt Ion: 75 Resp: 467036

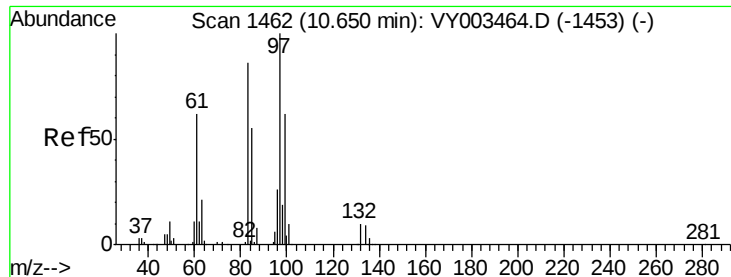
Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7

39 49.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 126.785 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 222321

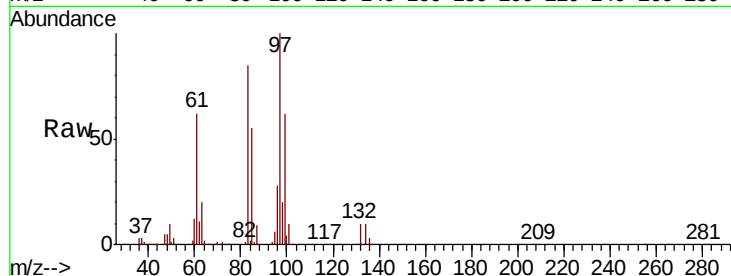
Ion Ratio Lower Upper

97 100

83 85.2 68.6 102.8

85 54.7 43.8 65.6

99 62.3 49.9 74.9

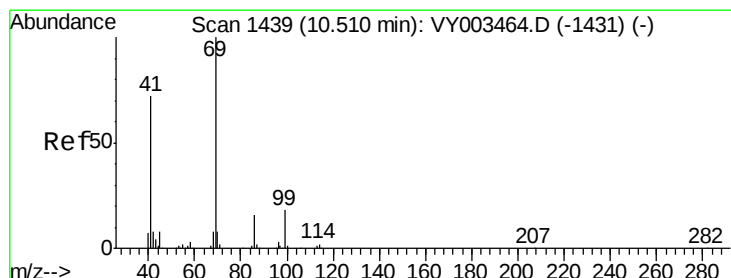
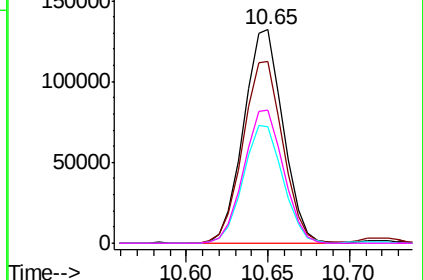
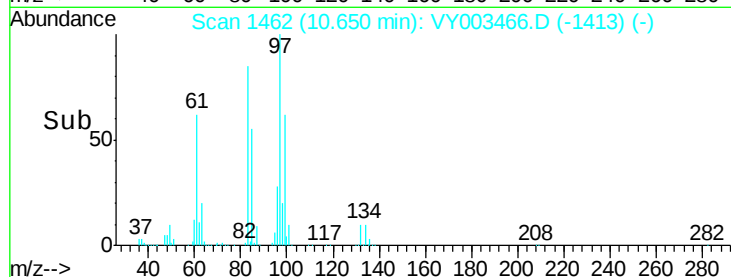


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 139.947 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

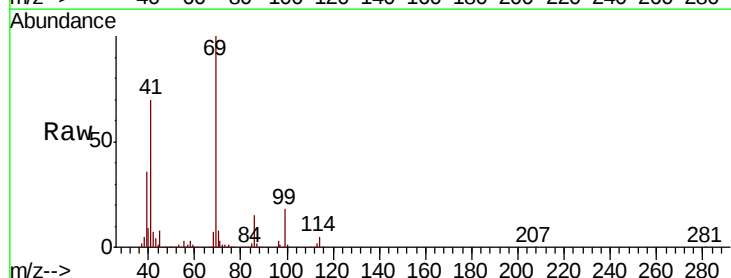
Tgt Ion: 69 Resp: 329571

Ion Ratio Lower Upper

69 100

41 69.2 55.4 83.2

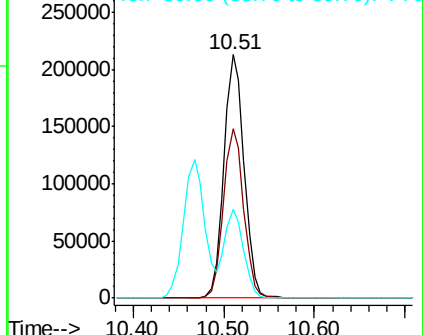
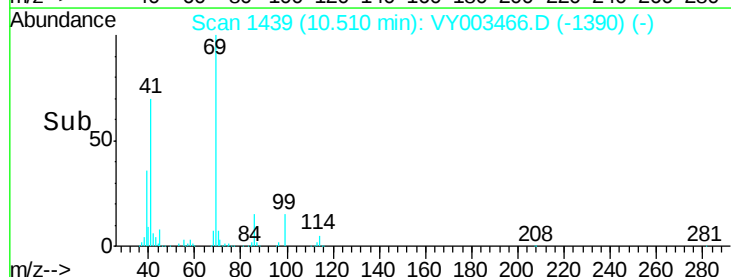
39 34.7 28.7 43.1

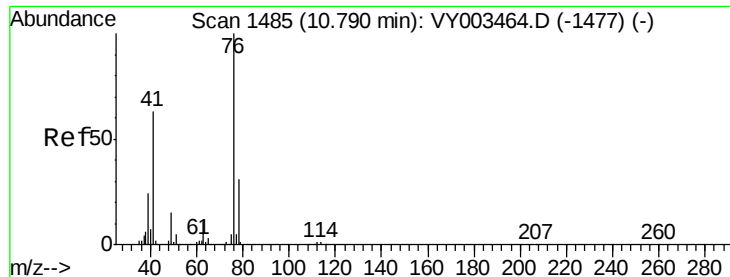


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 129.421 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

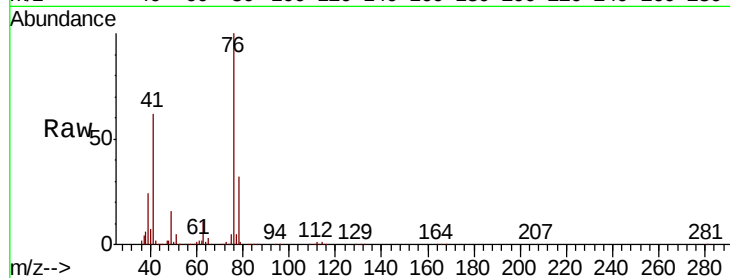
VSTDIC150

Tot Ion: 76 Resp: 393155

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

250000

200000

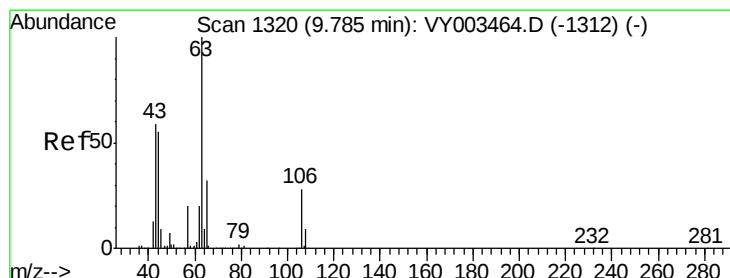
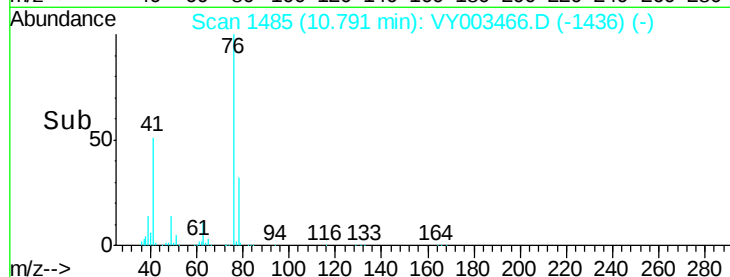
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 748.021 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003466.D

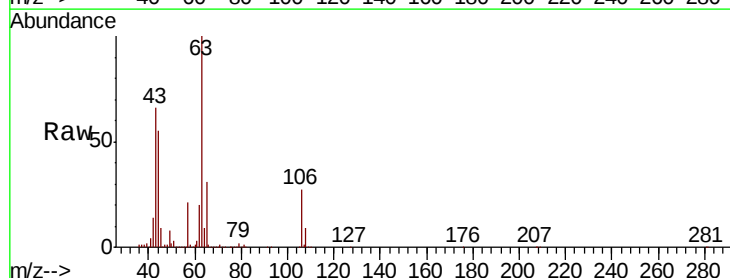
Acq: 02 Nov 2020 12:01

Tgt Ion: 63 Resp: 916179

Ion Ratio Lower Upper

63 100

106 28.0 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

600000

500000

400000

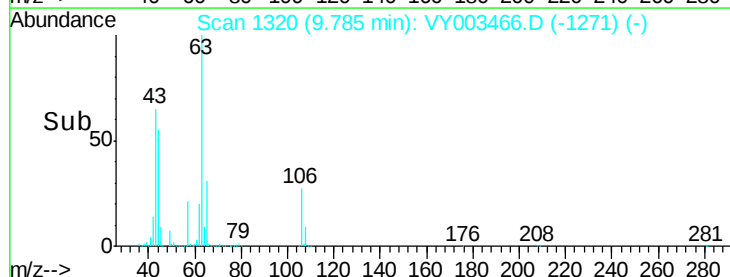
300000

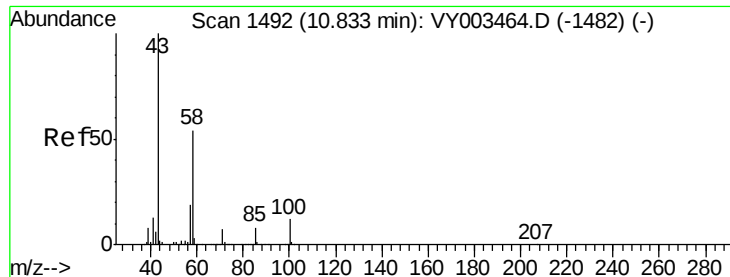
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 781.401 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

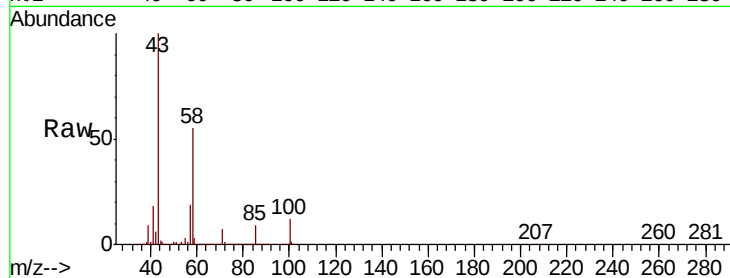
VSTDIC150

Tot Ion: 43 Resp: 990786

Ion Ratio Lower Upper

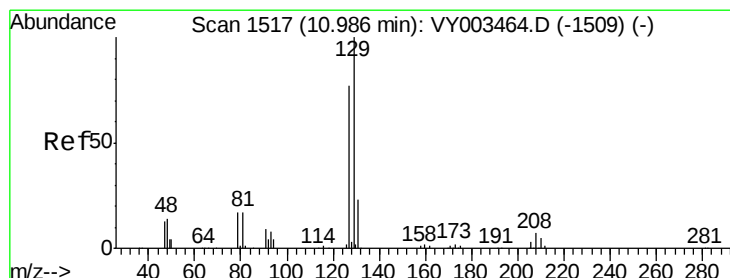
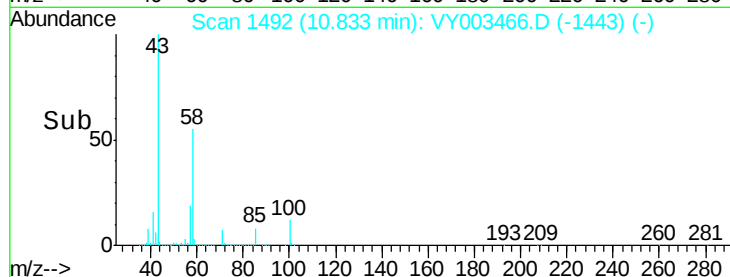
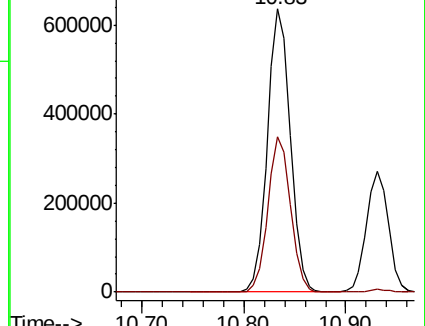
43 100

58 54.3 26.8 80.3



Abundance Ion 43.00 (42.70 to 43.70): VY003466.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY003466.D (-1482) (-)



#60

Dibromochloromethane

Concen: 126.703 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY003466.D

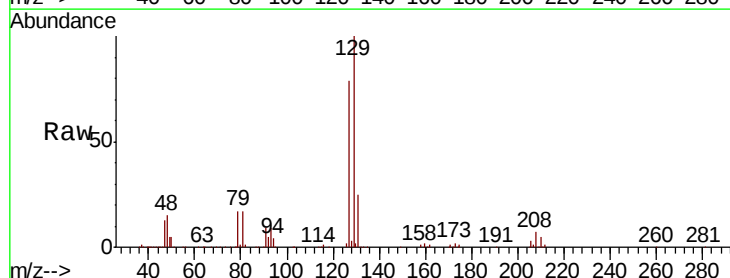
Acq: 02 Nov 2020 12:01

Tgt Ion: 129 Resp: 280051

Ion Ratio Lower Upper

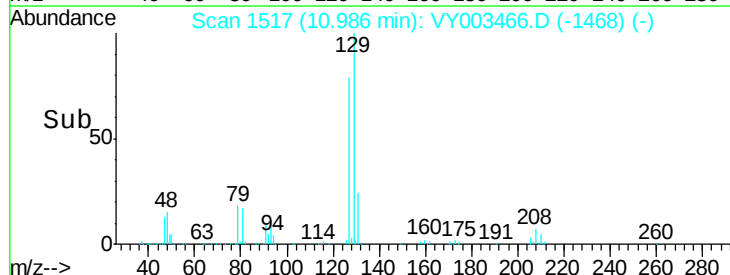
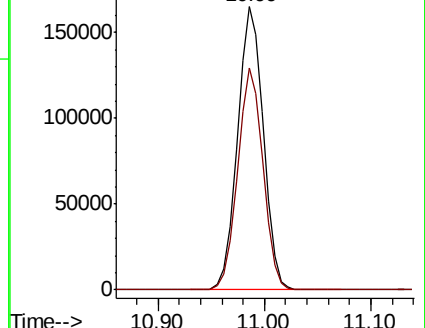
129 100

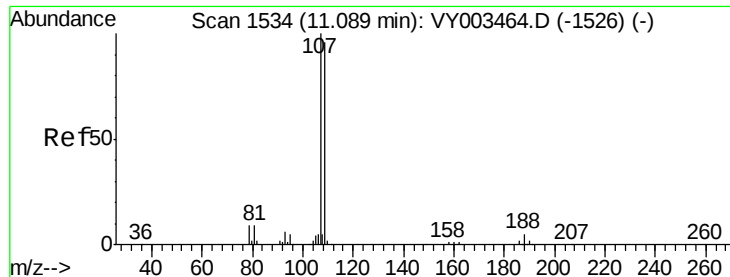
127 77.3 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): VY003466.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY003466.D (-1509) (-)

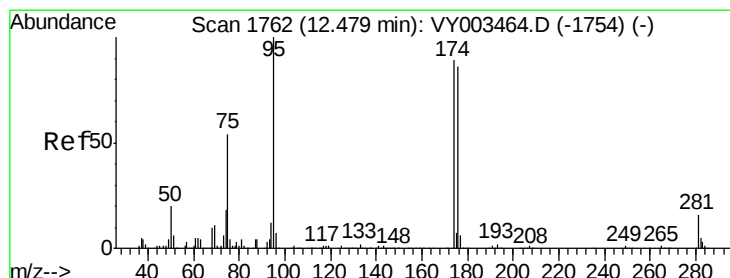
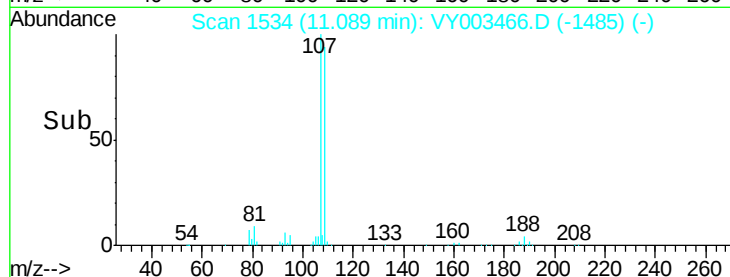
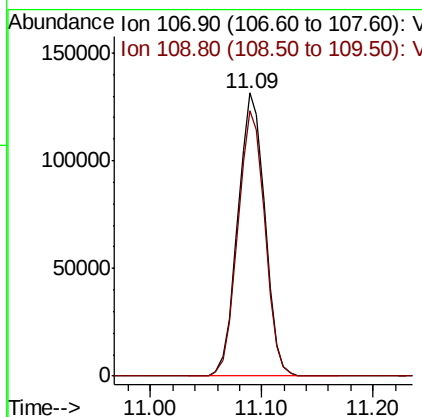
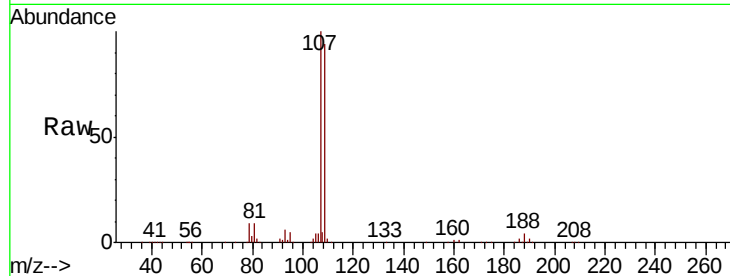




#61
 1,2-Dibromoethane
 Concen: 130.838 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

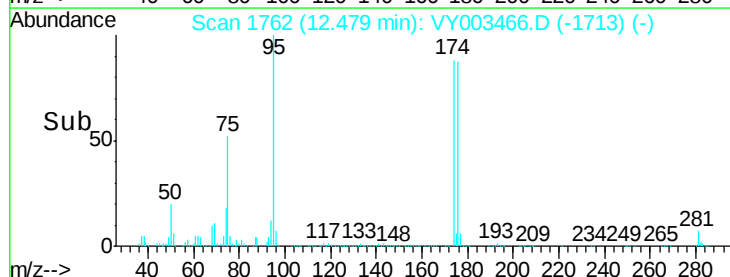
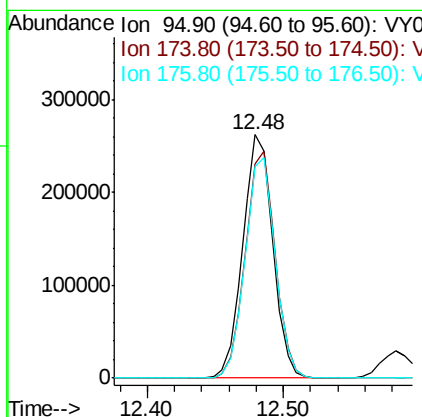
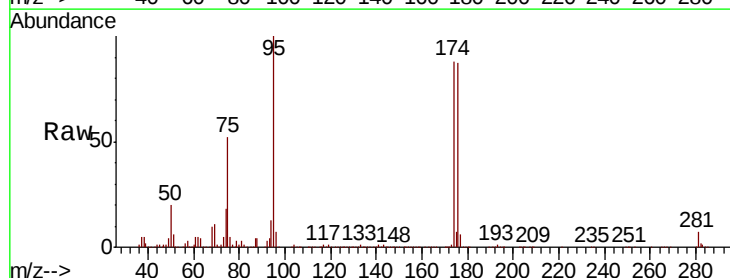
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

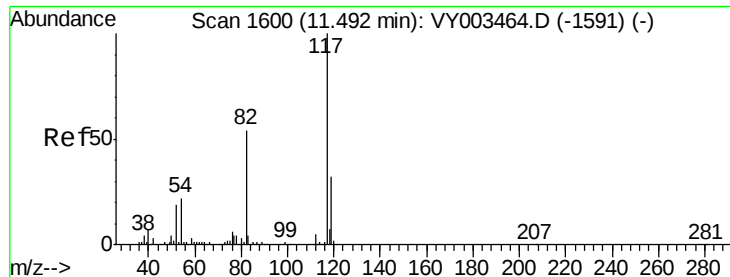
Tot Ion:107 Resp: 220647
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 146.397 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion: 95 Resp: 404621
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 193.0
 176 91.3 0.0 187.4

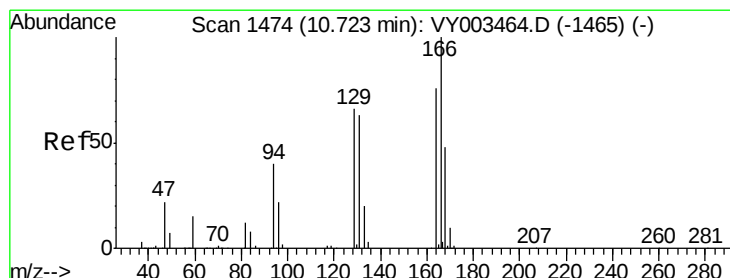
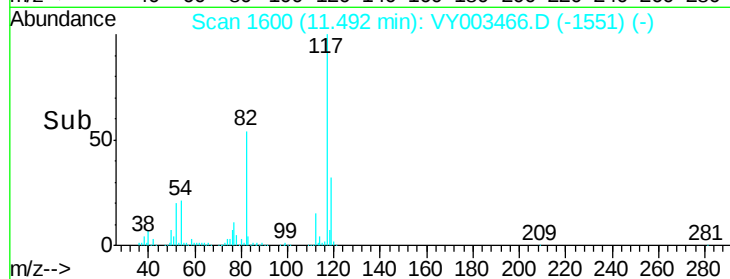
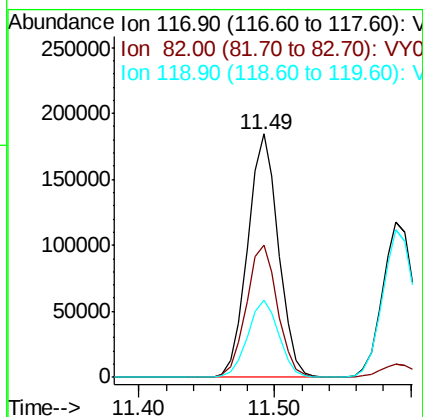
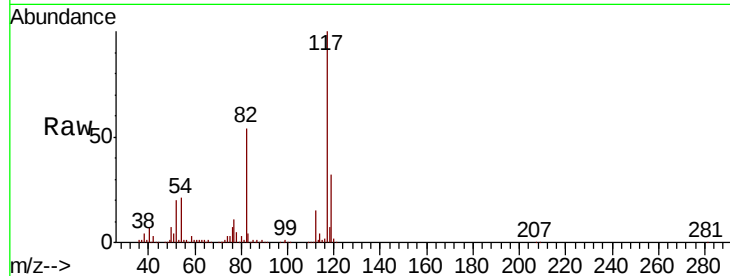




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

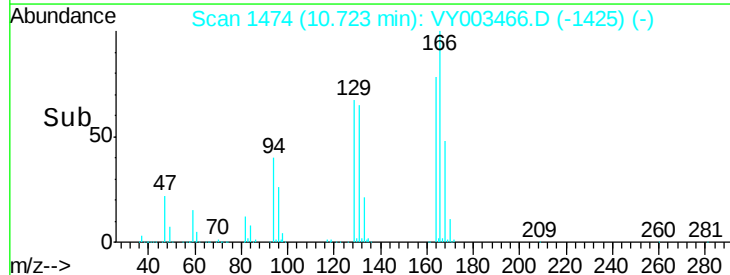
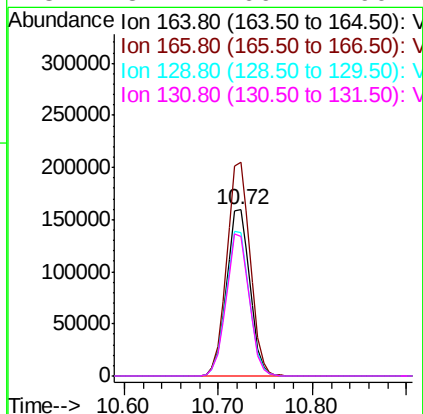
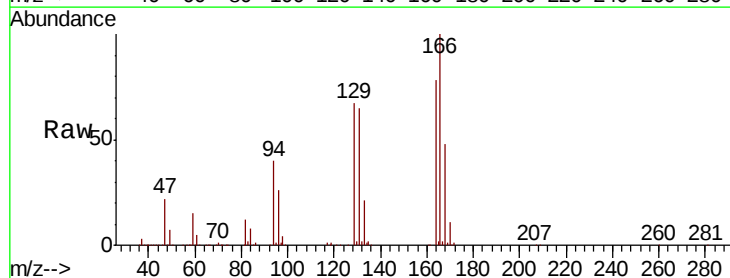
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

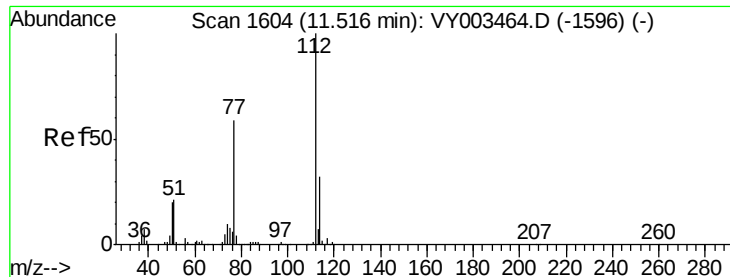
Tot Ion:117 Resp: 292721
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 107.216 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:164 Resp: 275270
Ion Ratio Lower Upper
164 100
166 128.4 104.9 157.3
129 86.2 68.9 103.3
131 84.1 66.2 99.2

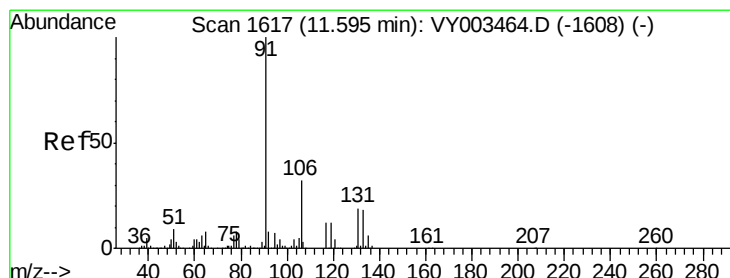
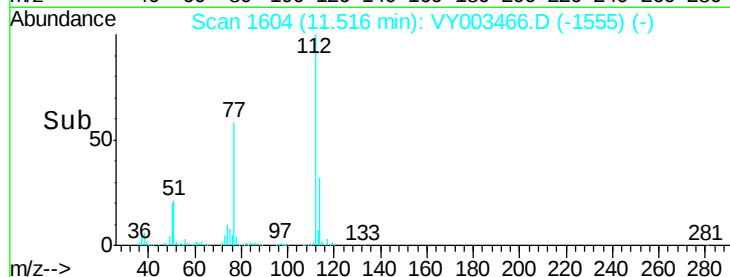
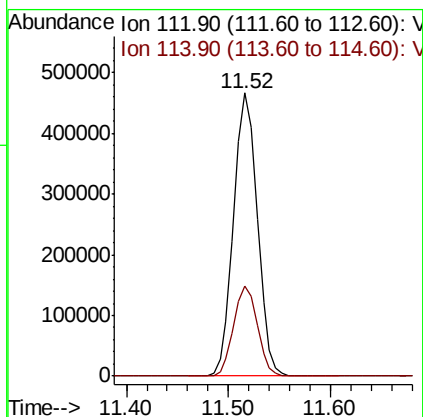
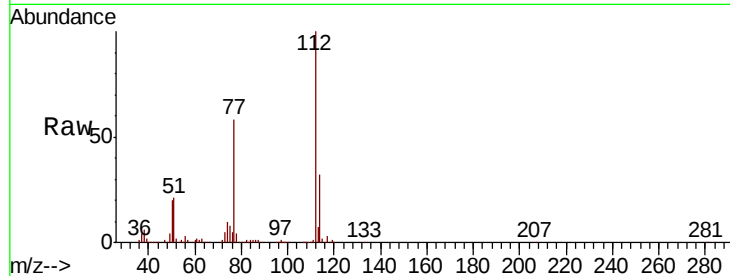




#65
Chlorobenzene
Concen: 128.759 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

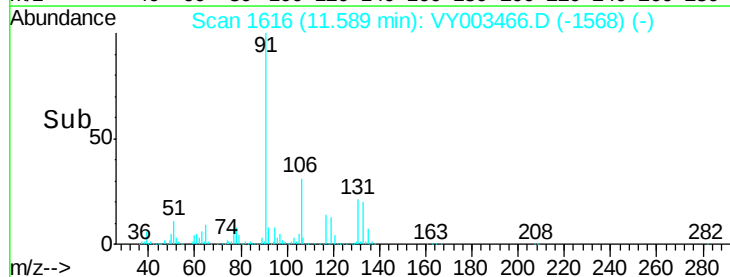
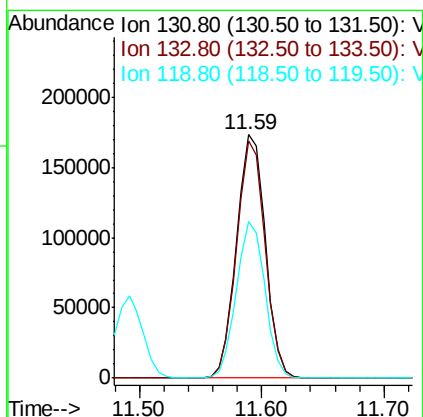
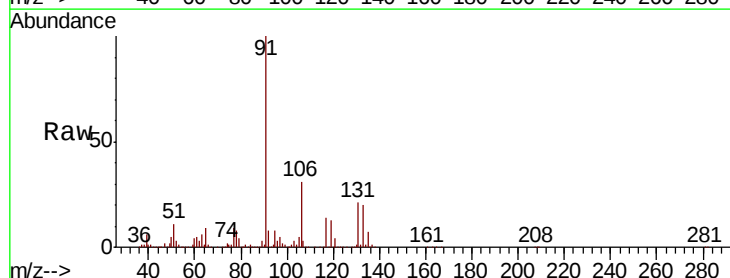
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

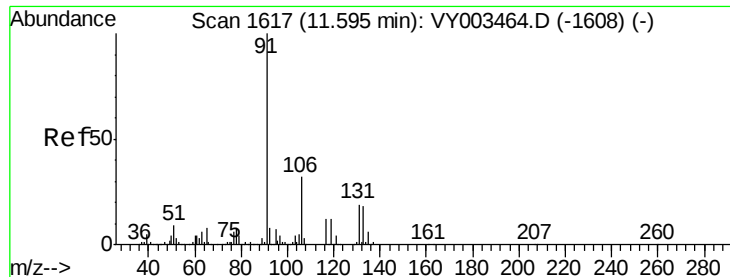
Tot Ion:112 Resp: 751073
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 128.049 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:131 Resp: 283207
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 63.8 31.6 95.0

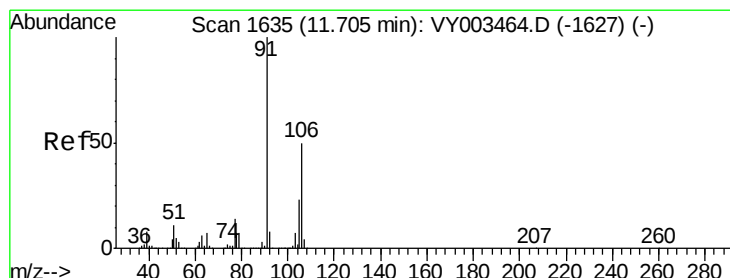
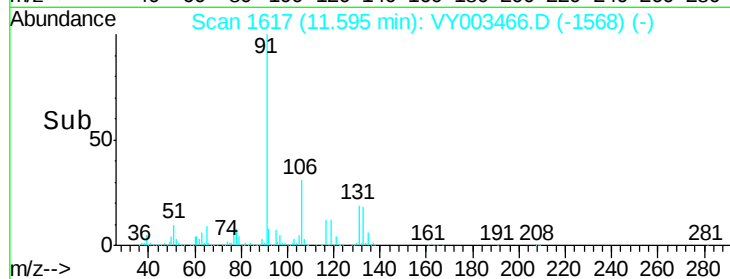
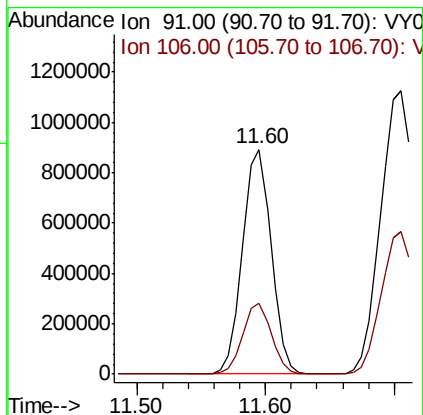
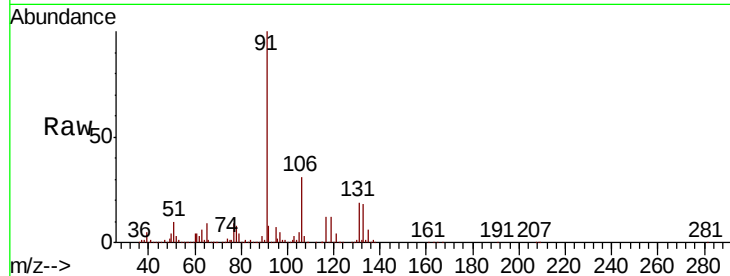




#67
Ethyl Benzene
Concen: 131.637 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

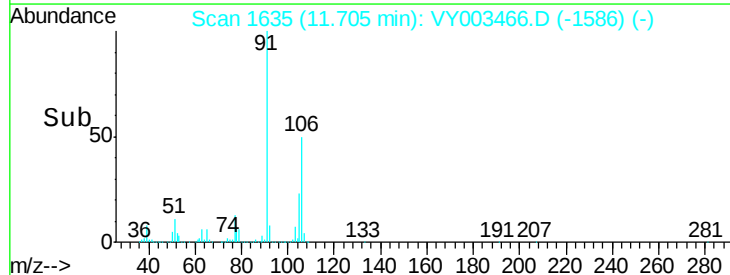
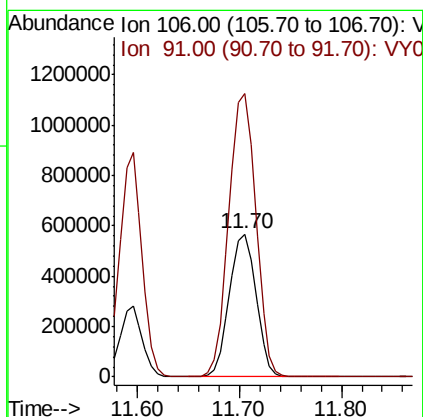
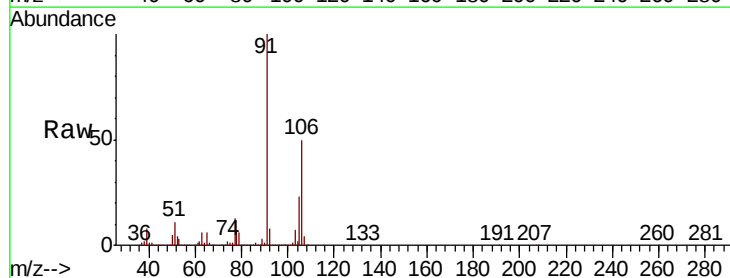
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

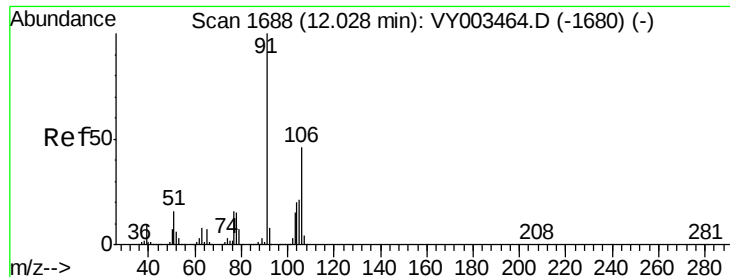
Tot Ion: 91 Resp: 1375934
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 259.062 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 106 Resp: 1032787
Ion Ratio Lower Upper
106 100
91 200.9 161.0 241.6

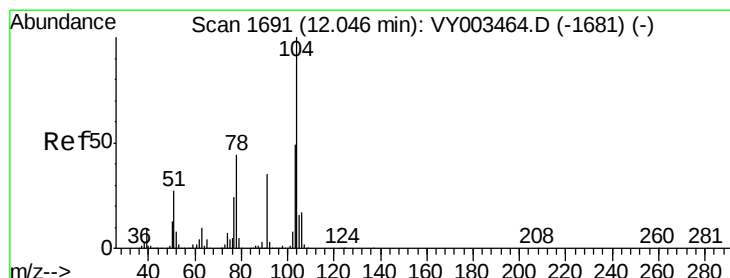
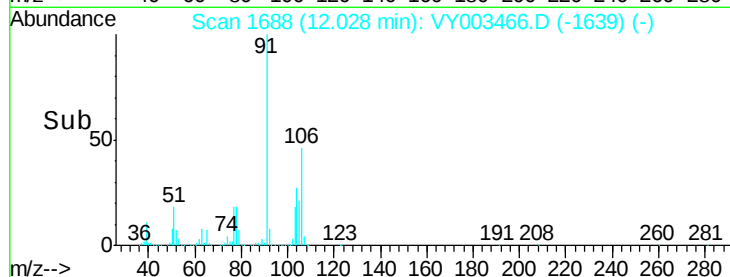
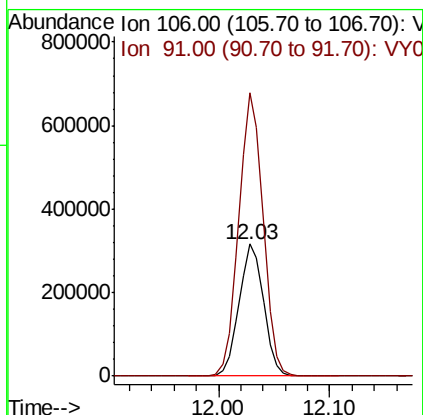
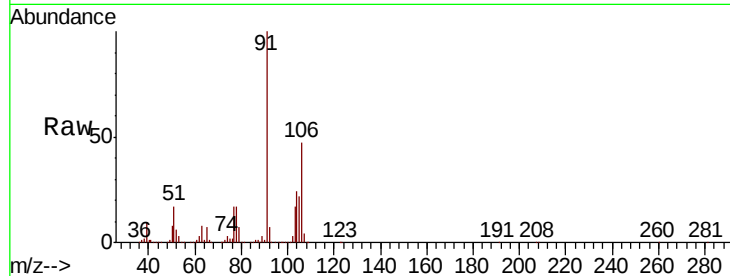




#69
o-Xylene
Concen: 129.298 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

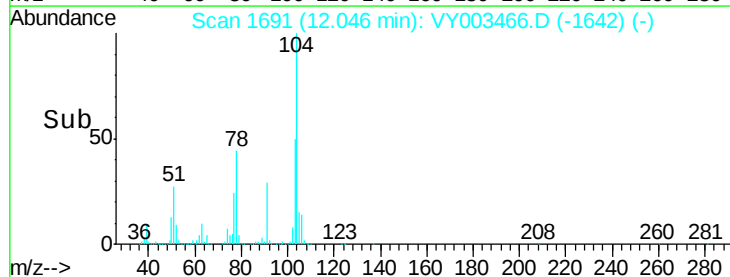
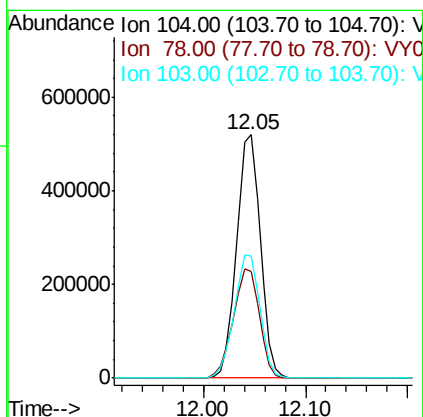
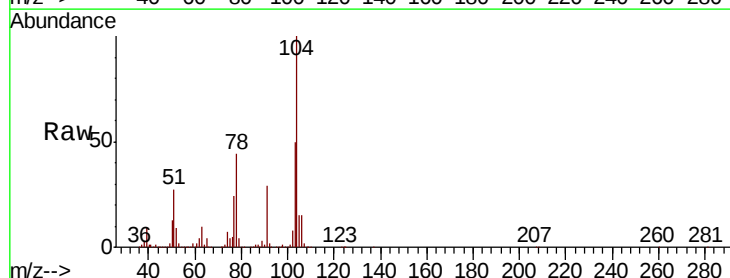
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

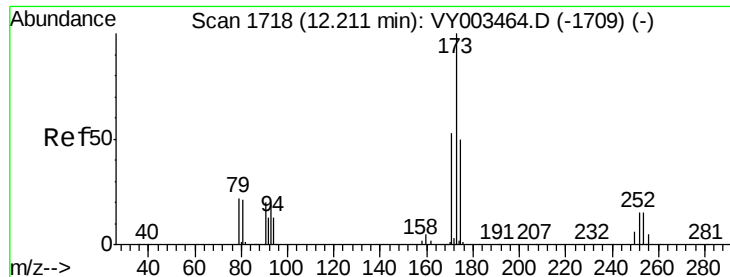
Tot Ion:106 Resp: 482821
Ion Ratio Lower Upper
106 100
91 212.4 105.5 316.5



#70
Styrene
Concen: 131.554 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:104 Resp: 834220
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.9 44.2 66.2





#71

Bromoform

Concen: 134.613 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

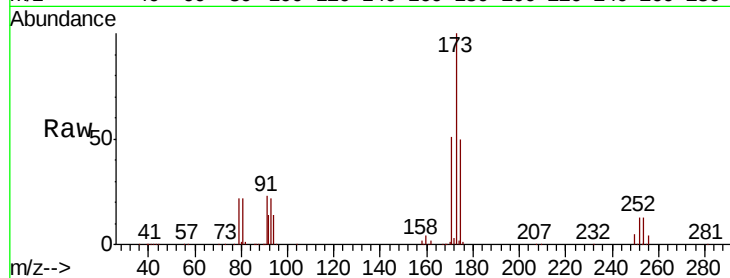
Tot Ion:173 Resp: 198691

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

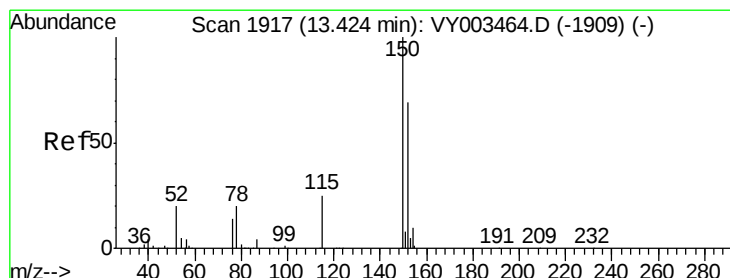
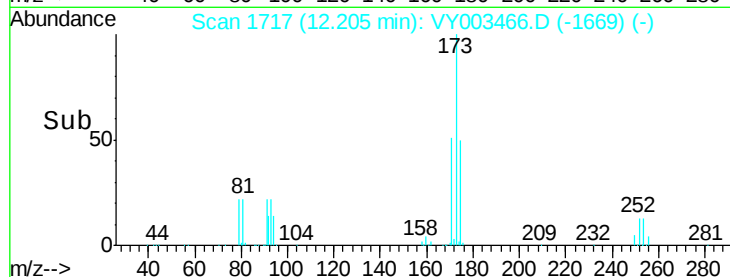
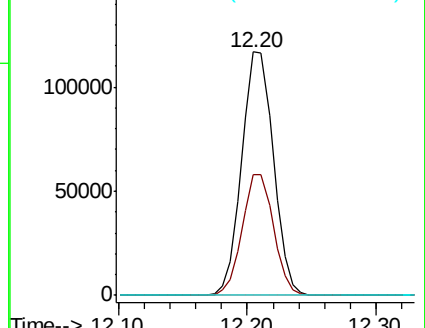
254 0.2 0.2 0.2



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: VY003466.D

Acq: 02 Nov 2020 12:01

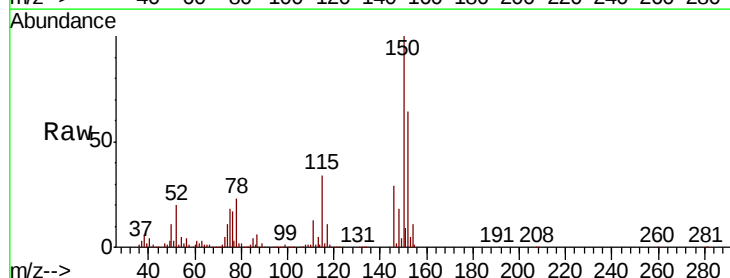
Tgt Ion:152 Resp: 148849

Ion Ratio Lower Upper

152 100

115 55.1 27.5 82.4

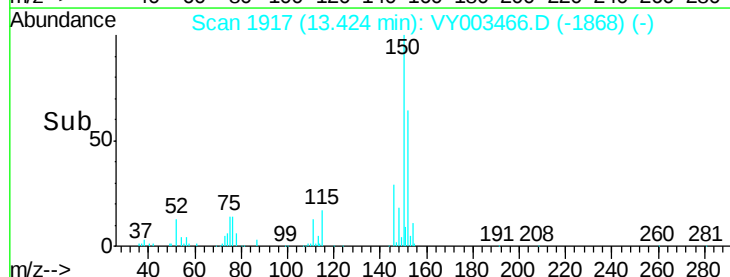
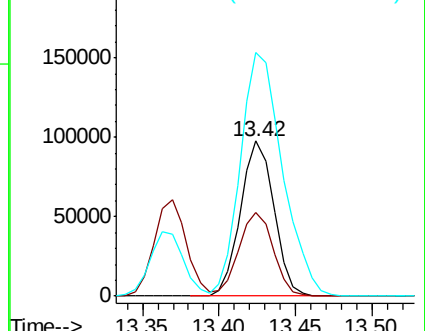
150 196.7 0.0 345.8

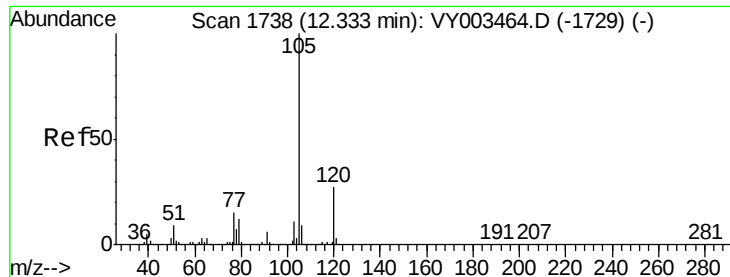


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 137.694 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

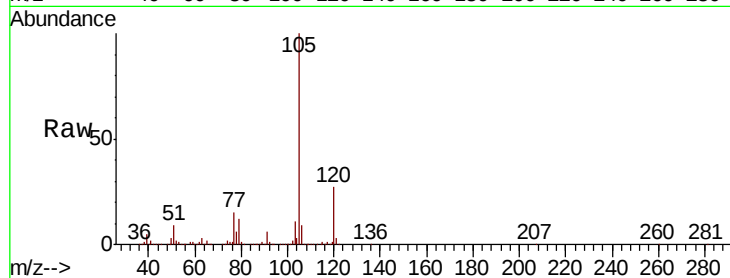
VSTDIC150

Tot Ion:105 Resp: 1293683

Ion Ratio Lower Upper

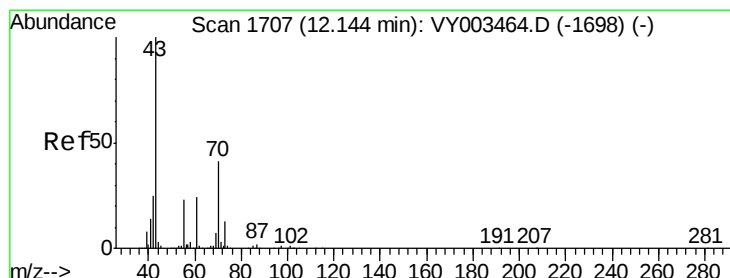
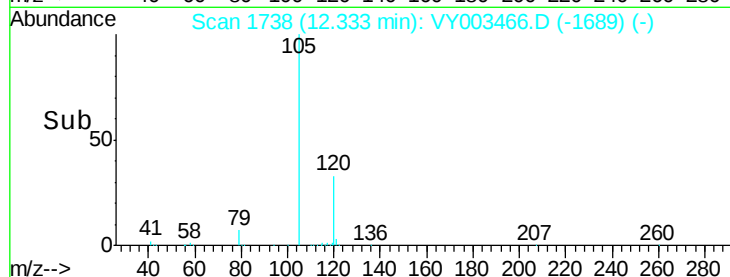
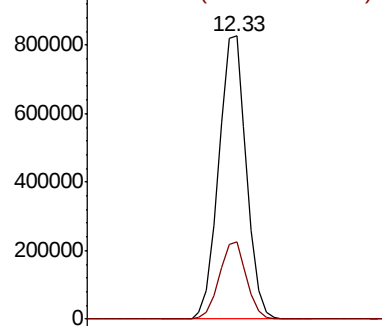
105 100

120 26.9 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: 150.136 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Tgt Ion: 43 Resp: 403837

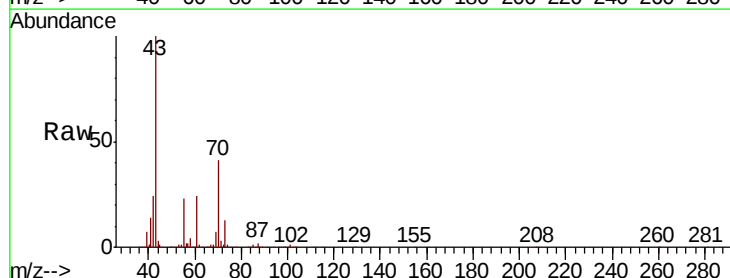
Ion Ratio Lower Upper

43 100

70 41.3 33.1 49.7

55 23.1 19.2 28.8

61 24.0 19.0 28.6

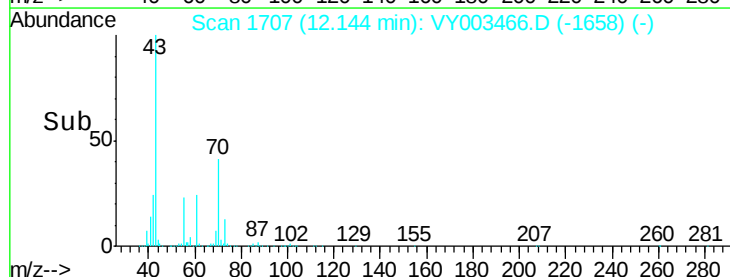
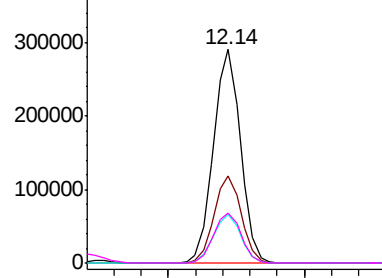


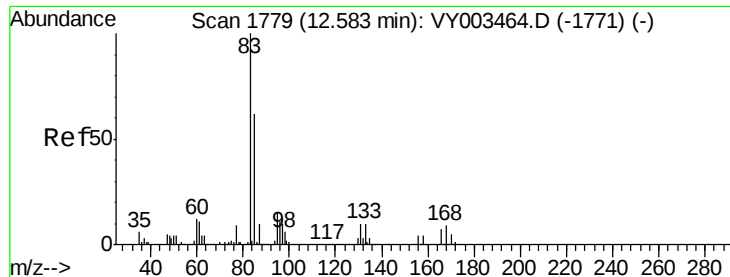
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 157.467 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

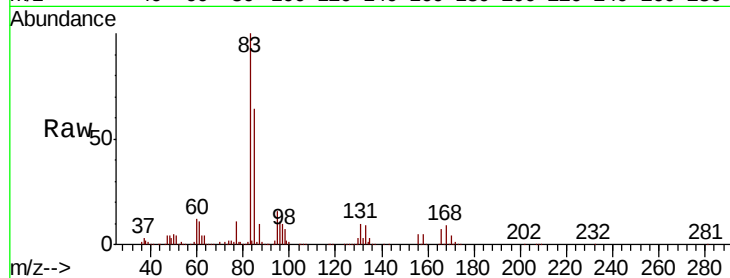
Tot Ion: 83 Resp: 290137

Ion Ratio Lower Upper

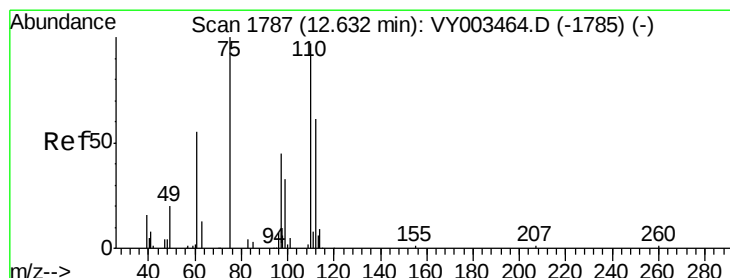
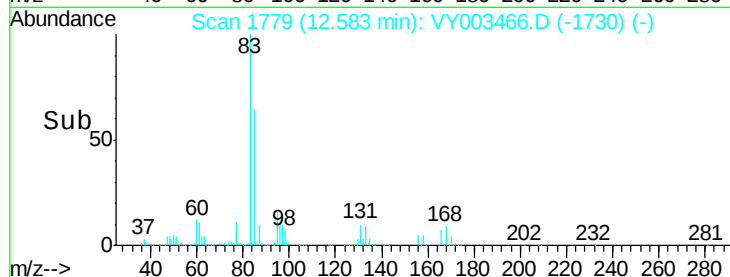
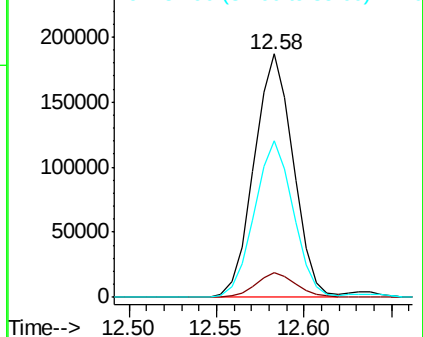
83 100

131 10.5 5.4 16.2

85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 290.557 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003466.D

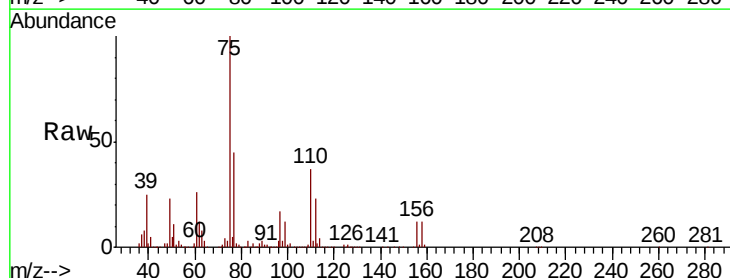
Acq: 02 Nov 2020 12:01

Tgt Ion: 75 Resp: 387565

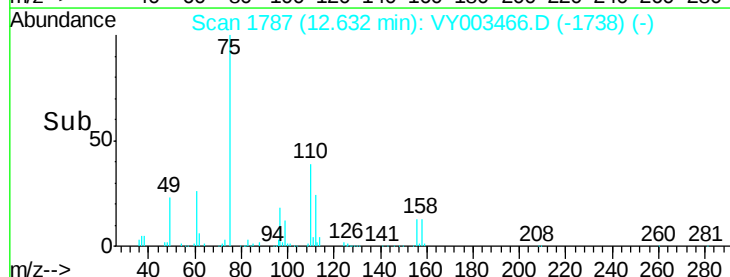
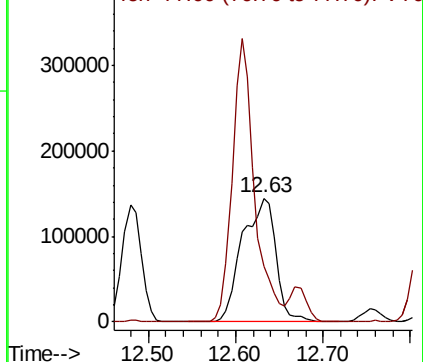
Ion Ratio Lower Upper

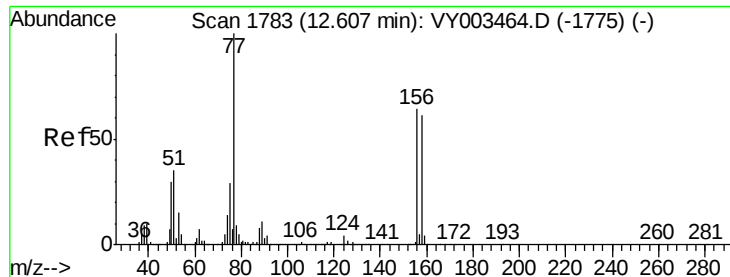
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 132.034 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

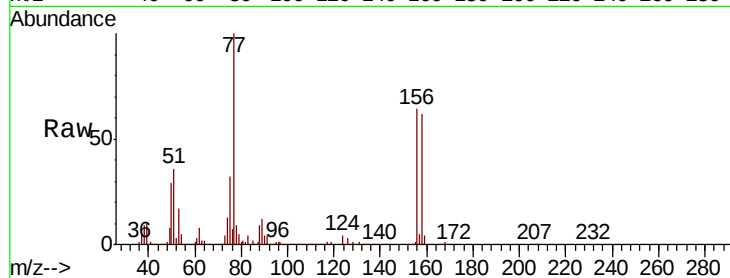
Tot Ion:156 Resp: 328215

Ion Ratio Lower Upper

156 100

77 180.5 87.0 260.9

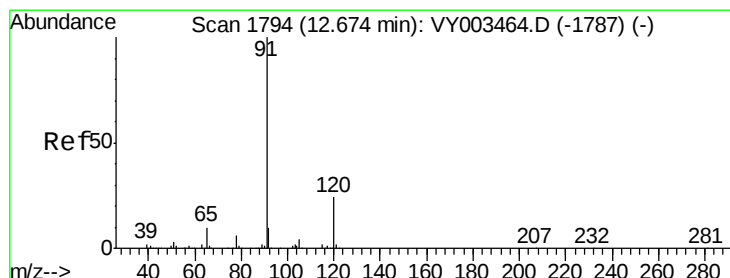
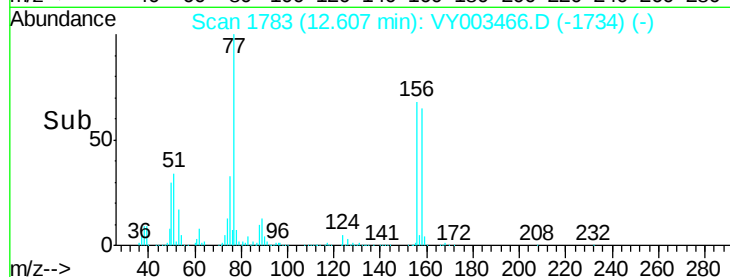
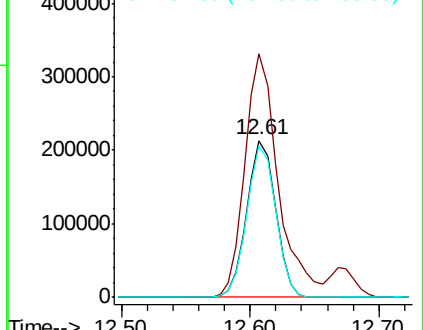
158 97.2 48.7 146.1



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: 134.841 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003466.D

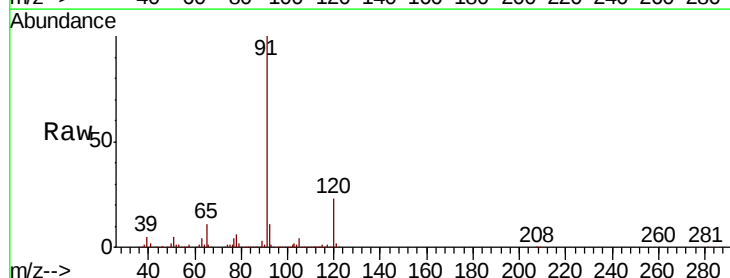
Acq: 02 Nov 2020 12:01

Tgt Ion: 91 Resp: 1506130

Ion Ratio Lower Upper

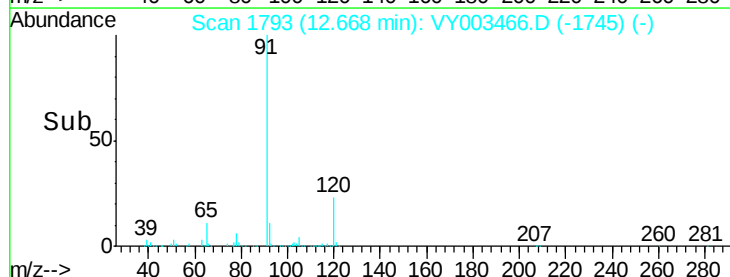
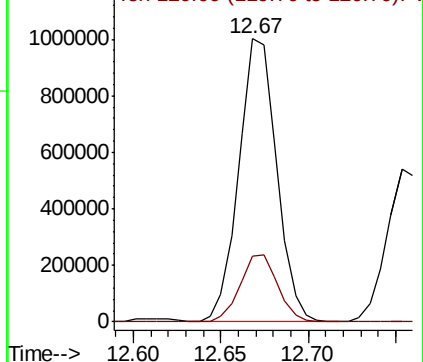
91 100

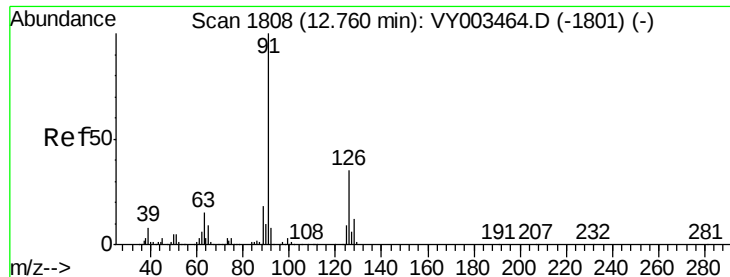
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

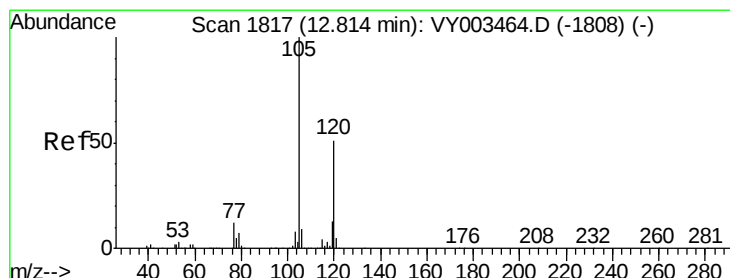
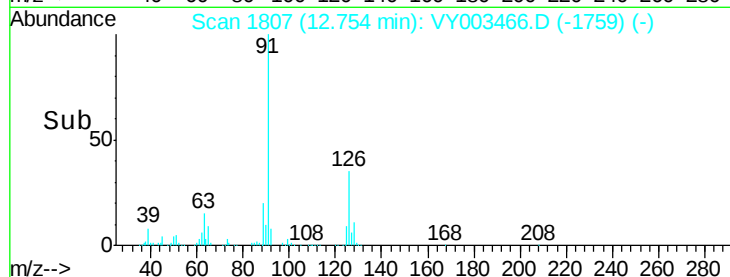
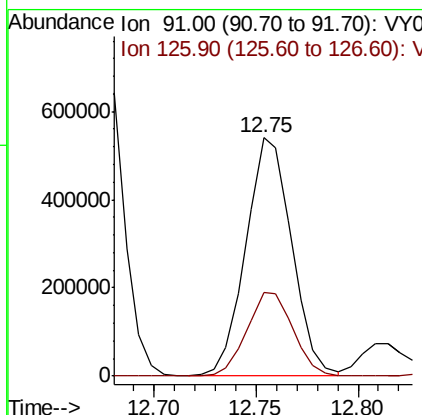
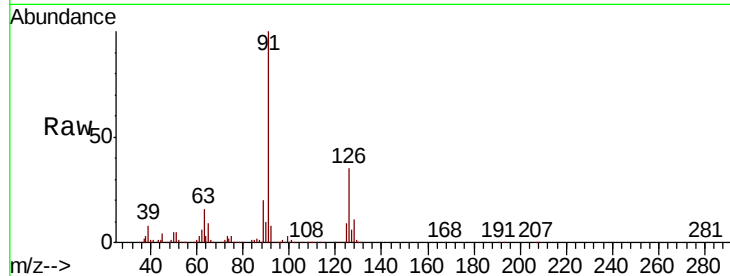




#79
 2-Chlorotoluene
 Concen: 135.028 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

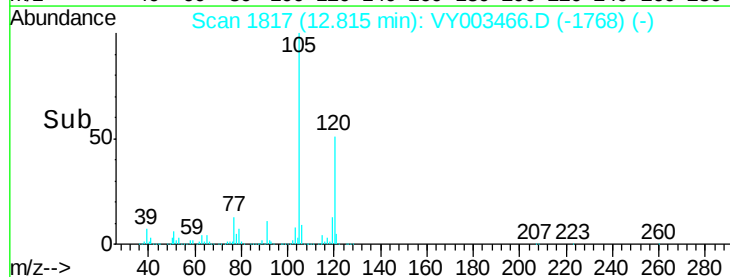
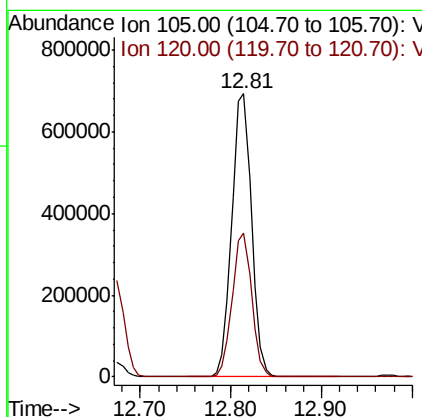
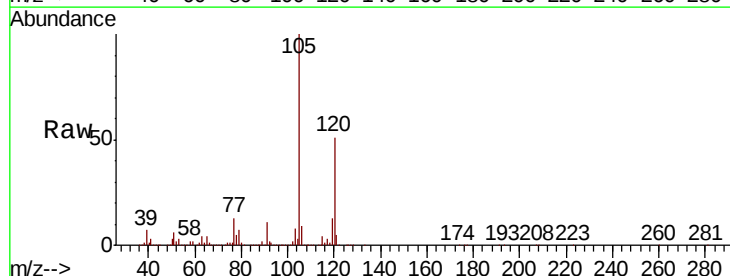
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

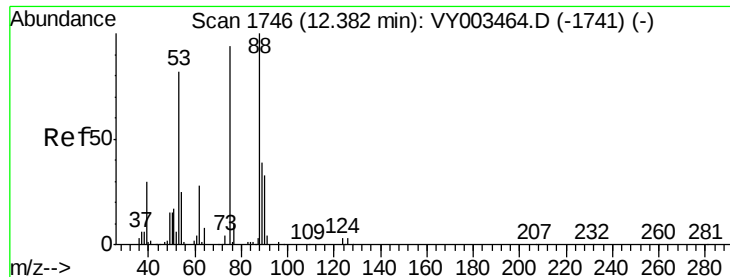
Tot Ion: 91 Resp: 846003
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 130.938 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion: 105 Resp: 1049181
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 159.755 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

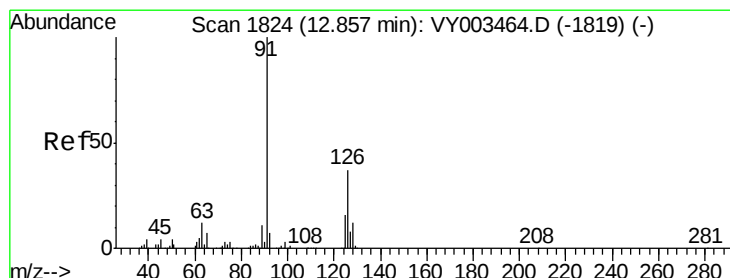
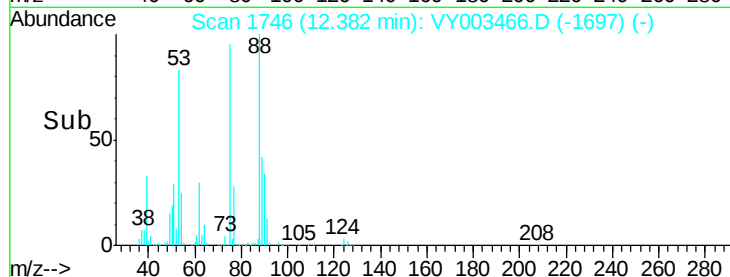
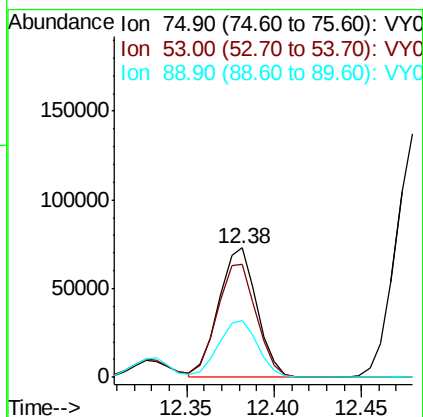
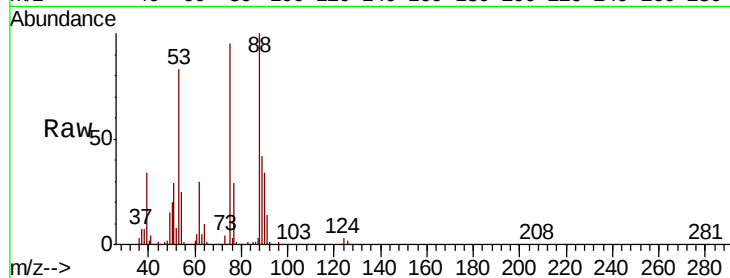
Tot Ion: 75 Resp: 109490

Ion Ratio Lower Upper

75 100

53 90.6 74.7 112.1

89 45.7 35.8 53.8



#82

4-Chlorotoluene

Concen: 132.907 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY003466.D

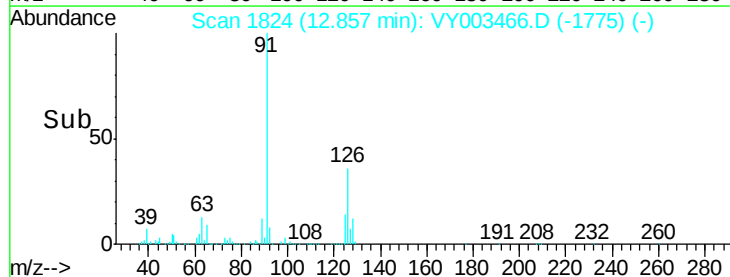
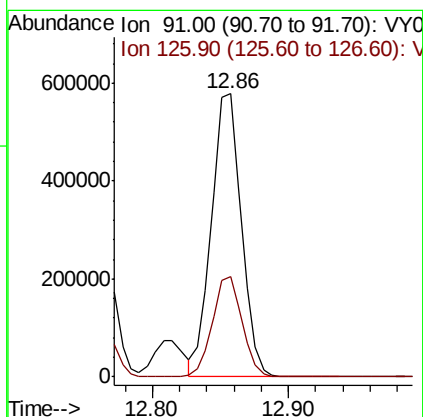
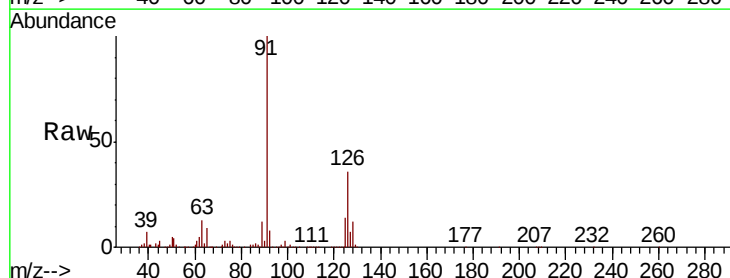
Acq: 02 Nov 2020 12:01

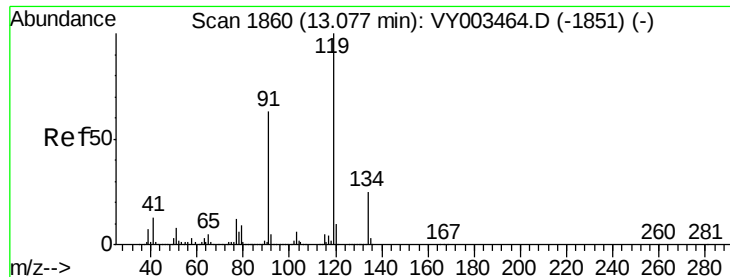
Tgt Ion: 91 Resp: 882733

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8





#83

tert-Butylbenzene

Concen: 132.764 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

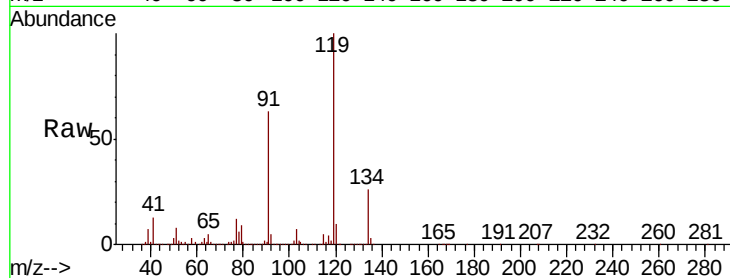
Tot Ion:119 Resp: 927791

Ion Ratio Lower Upper

119 100

91 62.7 31.1 93.2

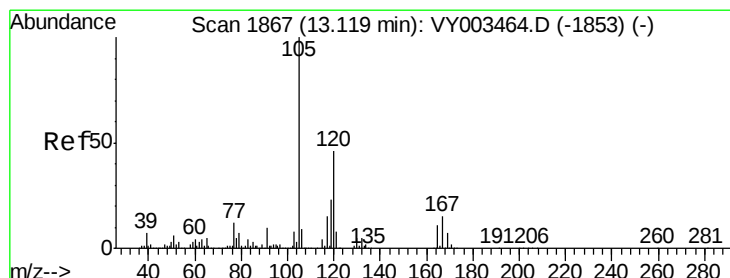
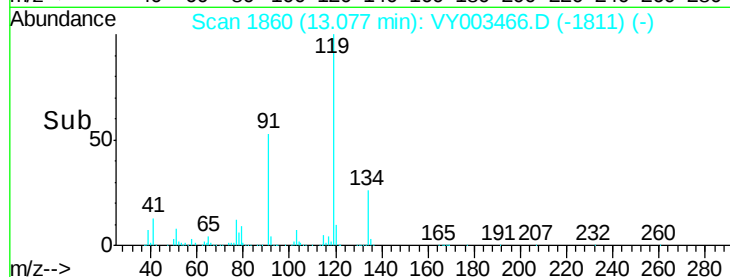
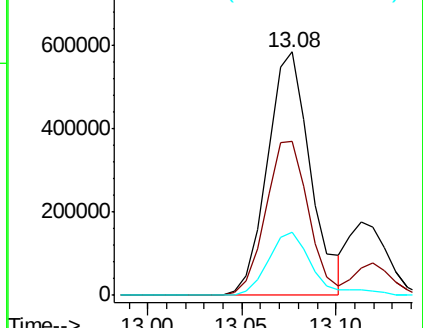
134 26.8 13.4 40.1



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: 131.401 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003466.D

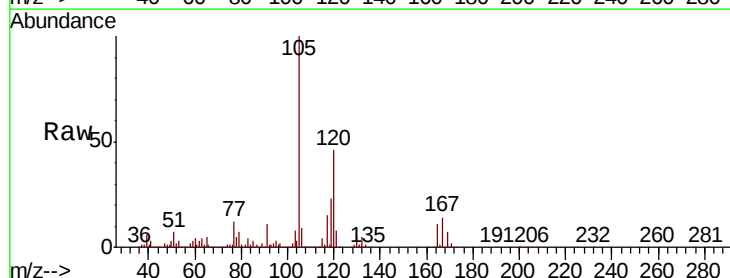
Acq: 02 Nov 2020 12:01

Tgt Ion:105 Resp: 1063140

Ion Ratio Lower Upper

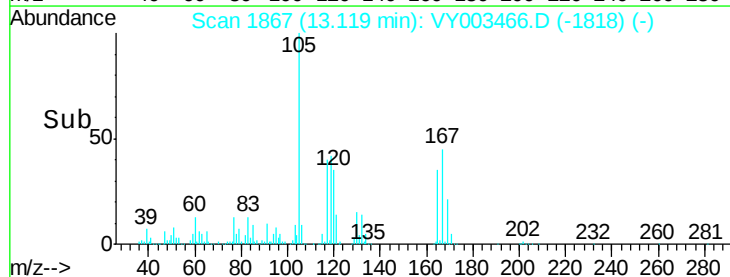
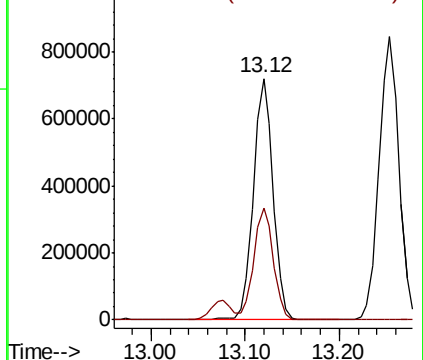
105 100

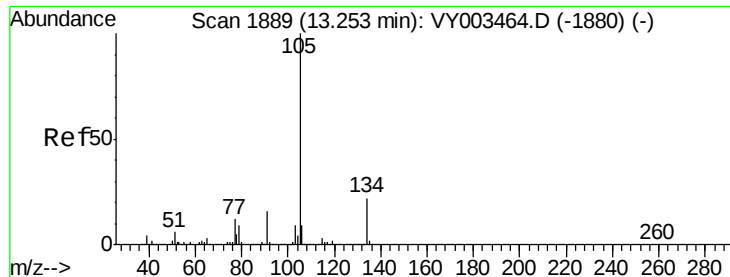
120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 127.898 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

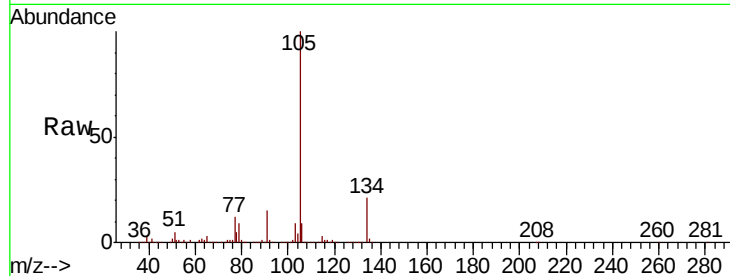
VSTDIC150

Tot Ion:105 Resp: 1231674

Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1000000

800000

600000

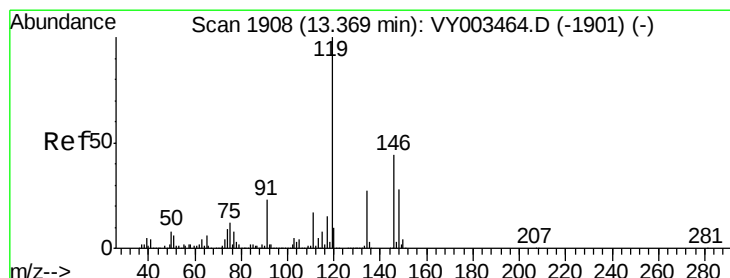
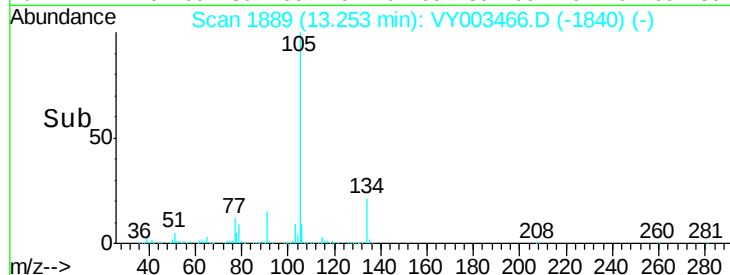
400000

200000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 126.754 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

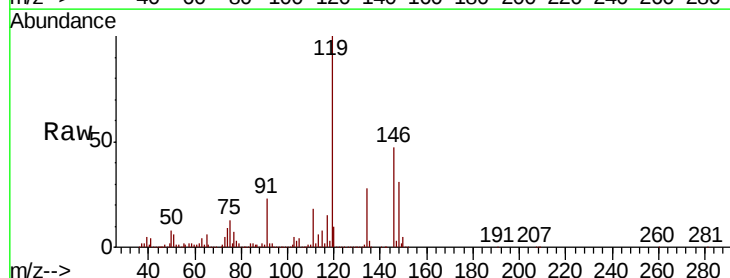
Tgt Ion:119 Resp: 1156720

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 23.0 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

1000000

800000

600000

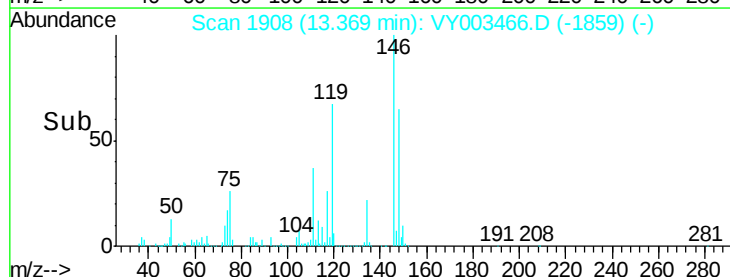
400000

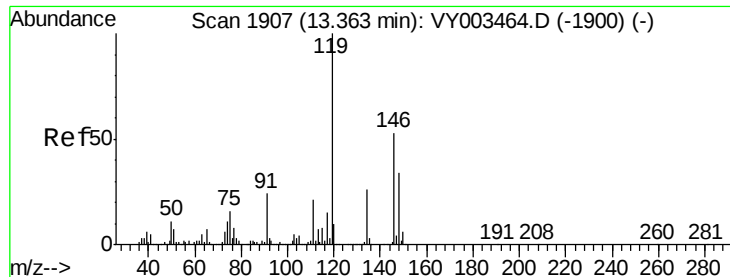
200000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 127.520 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

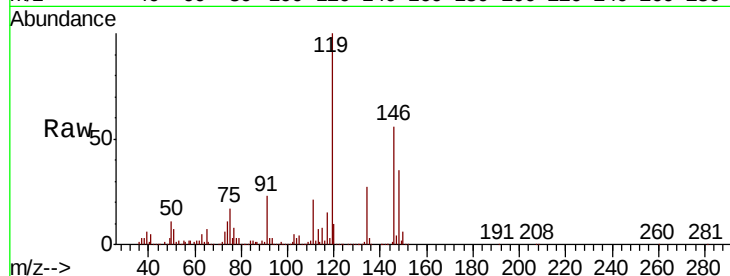
Tot Ion:146 Resp: 602985

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

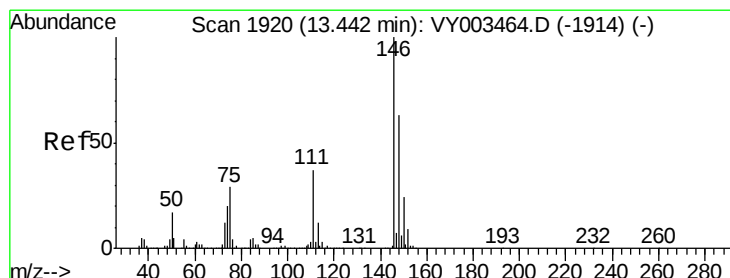
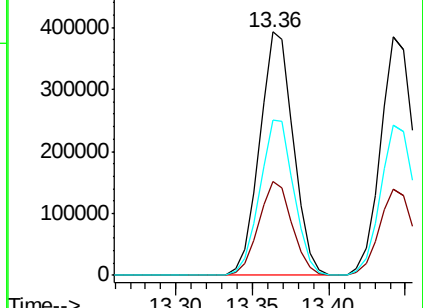
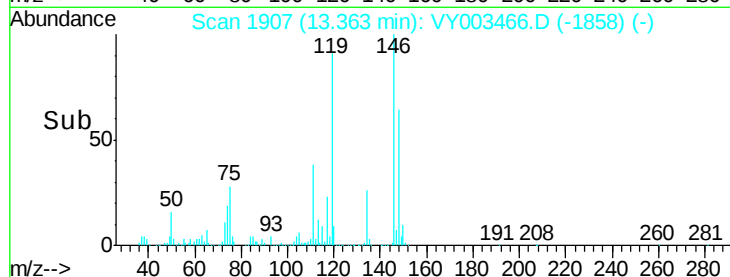
148 64.4 32.4 97.0



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: 124.623 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

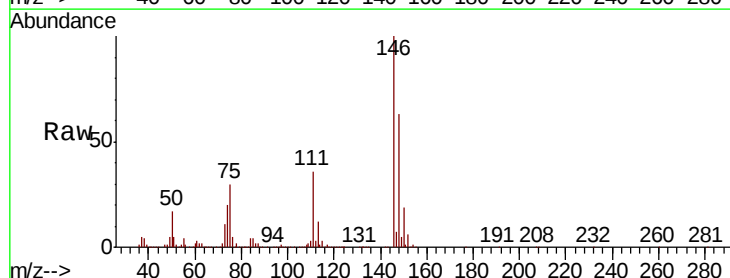
Tgt Ion:146 Resp: 587241

Ion Ratio Lower Upper

146 100

111 36.3 18.3 54.8

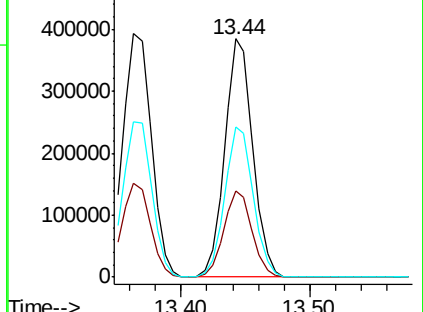
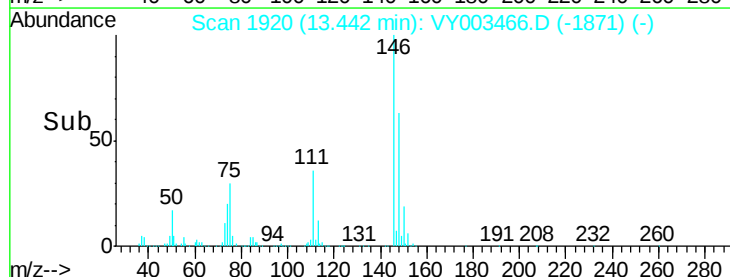
148 64.1 32.0 96.0

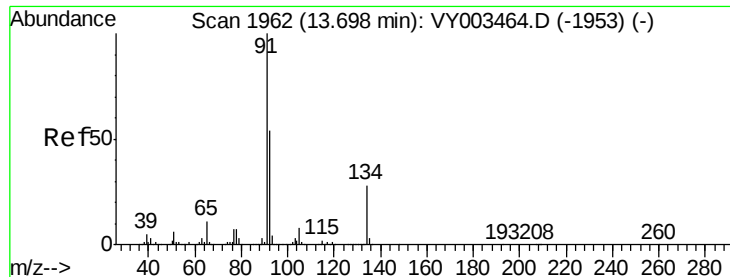


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 125.685 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

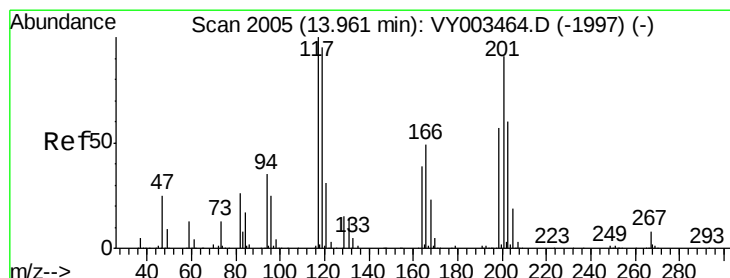
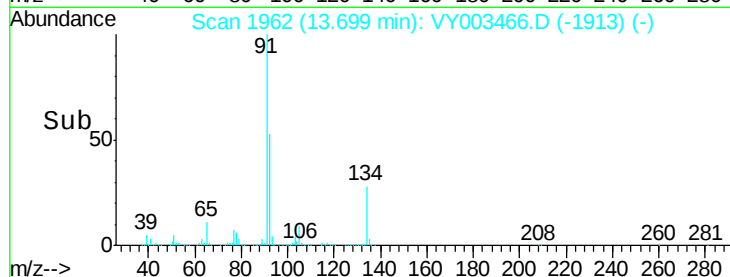
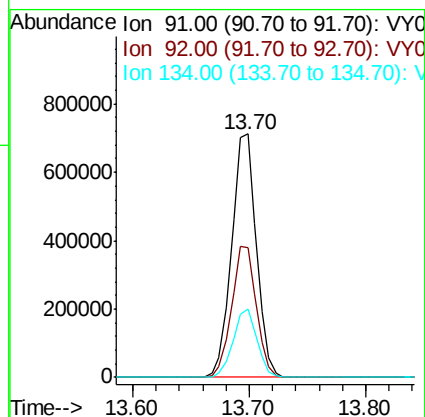
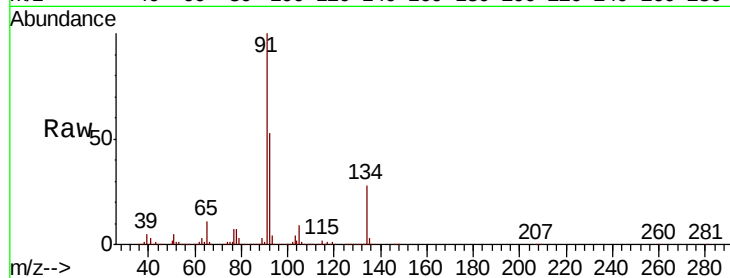
Tot Ion: 91 Resp: 1049008

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.1

134 27.3 13.8 41.3



#90

Hexachloroethane

Concen: 135.498 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003466.D

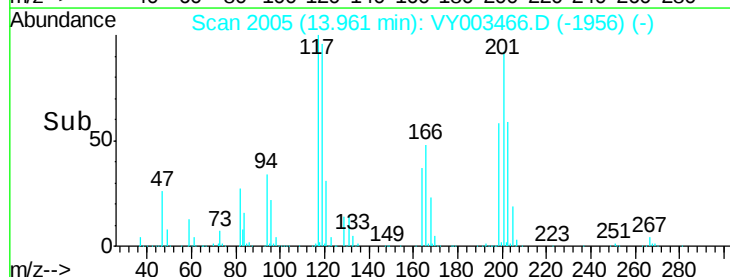
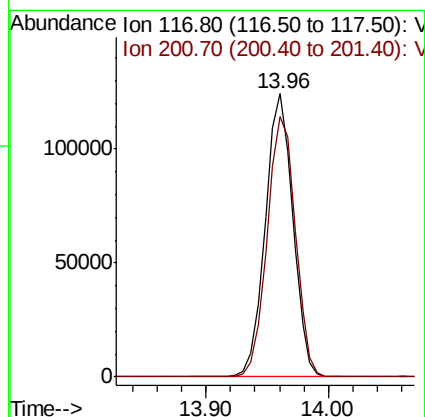
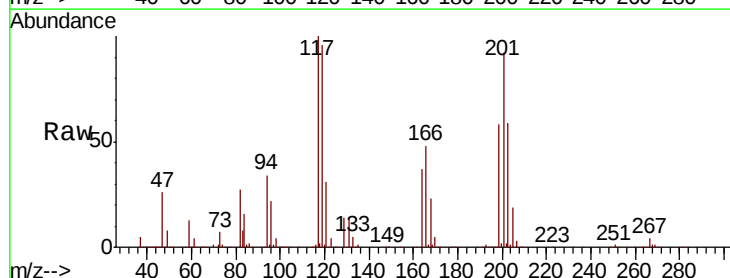
Acq: 02 Nov 2020 12:01

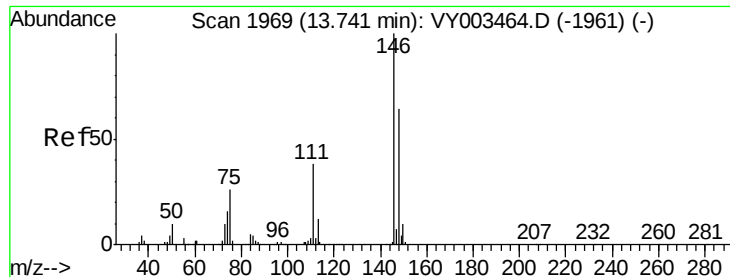
Tgt Ion: 117 Resp: 195660

Ion Ratio Lower Upper

117 100

201 93.7 46.6 139.8





#91

1,2-Dichlorobenzene

Concen: 126.242 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

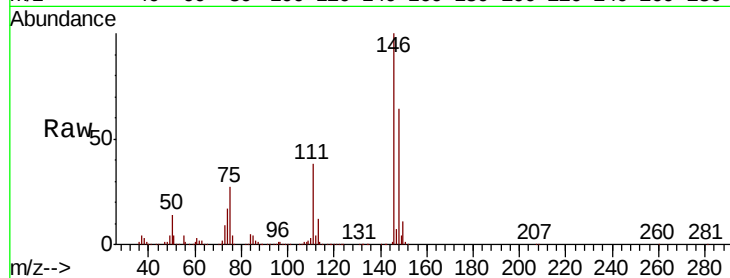
Tot Ion:146 Resp: 531270

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.8

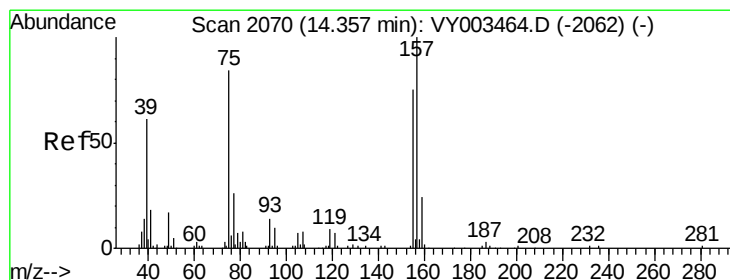
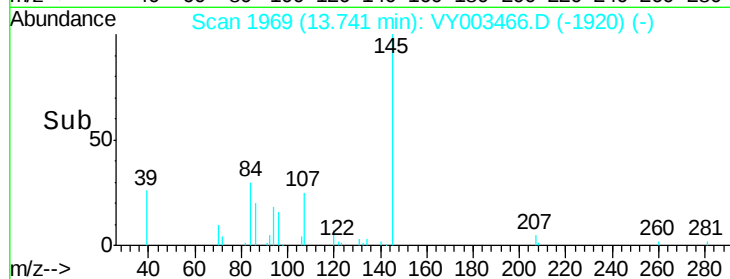
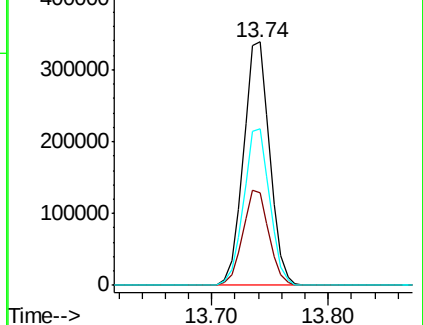
148 64.0 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 152.527 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

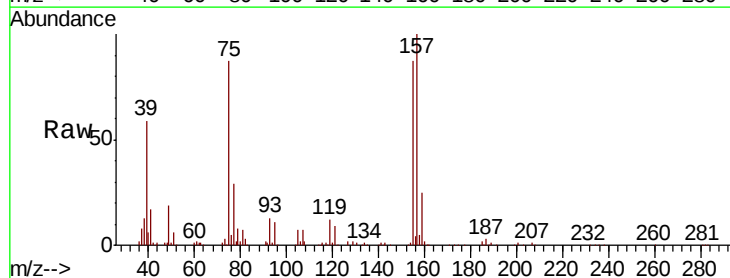
Tgt Ion: 75 Resp: 53113

Ion Ratio Lower Upper

75 100

155 94.9 45.6 136.7

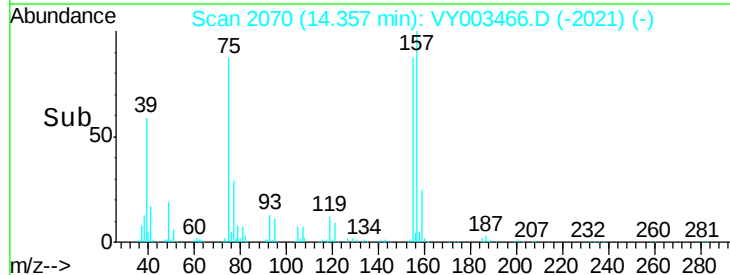
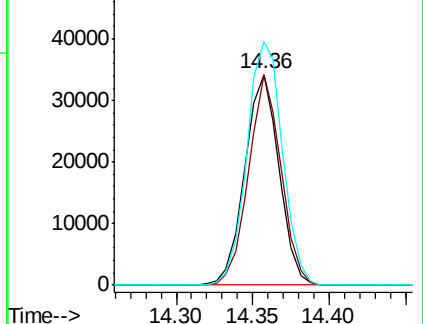
157 120.2 60.3 180.8

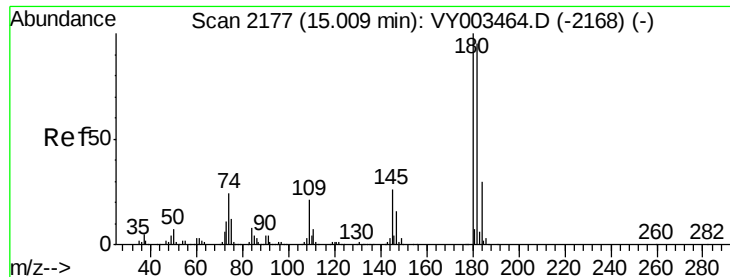


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

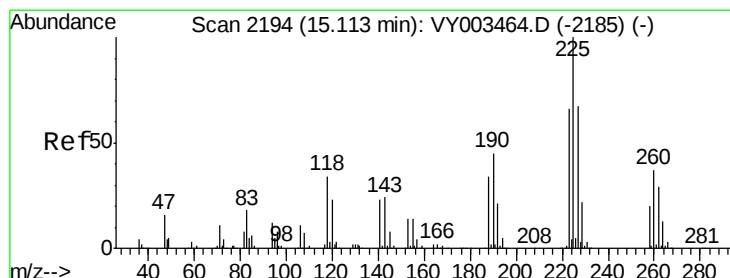
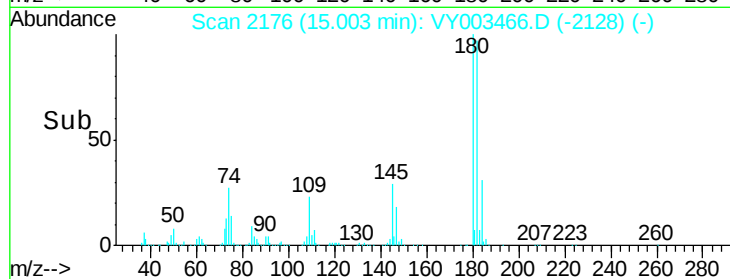
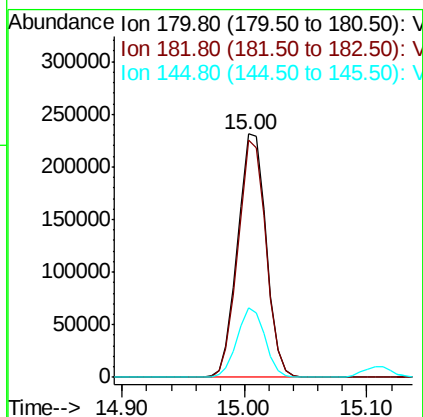
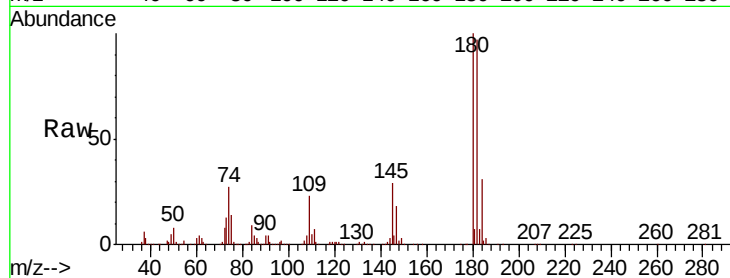




#93
 1,2,4-Trichlorobenzene
 Concen: 119.483 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

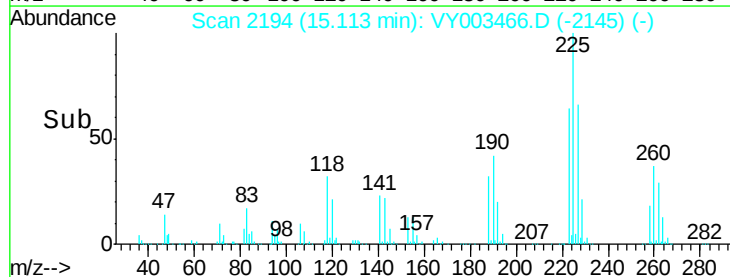
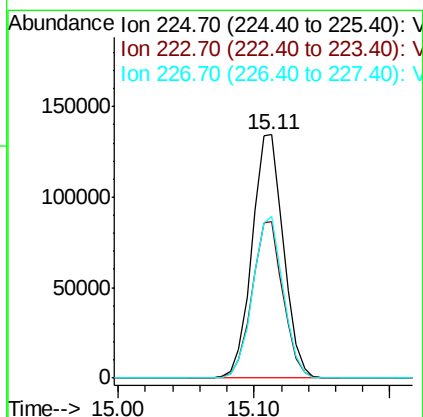
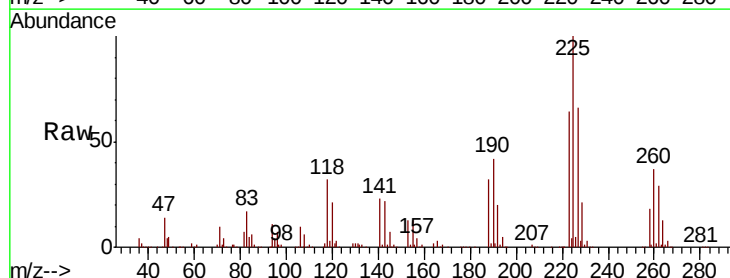
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

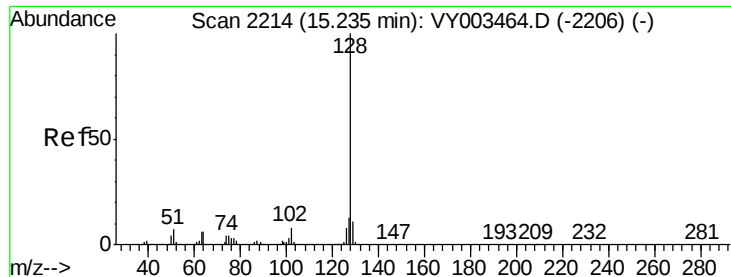
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.1	144.3
145	27.9	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 107.401 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	96.3
227	64.6	32.4	97.2

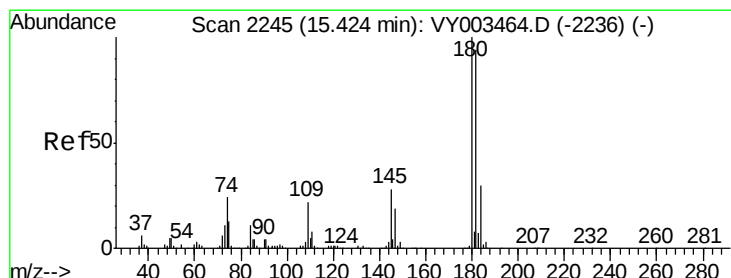
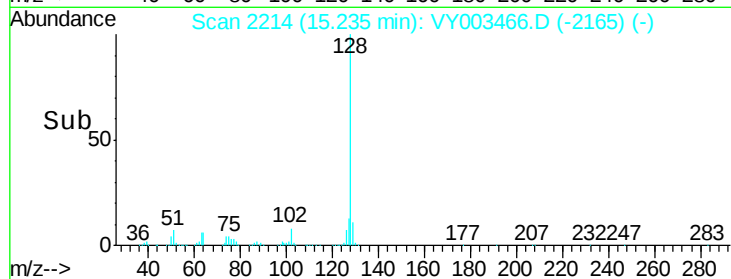
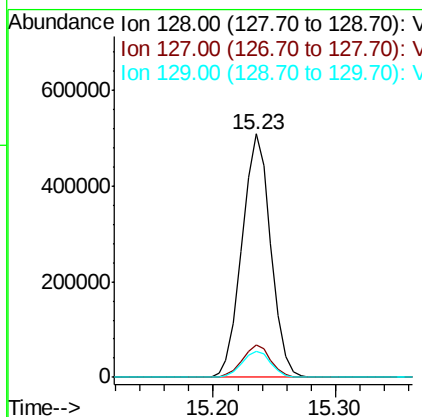
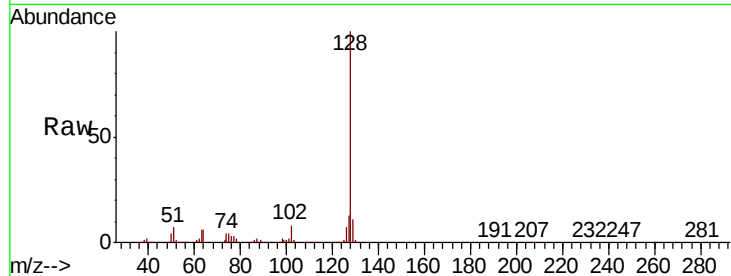




#95
Naphthalene
Concen: 148.222 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 827586
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 123.197 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:180 Resp: 334682
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.7
145 29.2 14.4 43.2

