

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003531.D
 Acq On : 12 Nov 2020 16:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 13 01:59:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	255962	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	360086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	326369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	118532	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	7.72	113	109683	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	10.17	98	443559	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.48	95	151104	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	86987	42.952	ug/l	97
3) Chloromethane	2.12	50	118030	44.271	ug/l	96
4) Vinyl Chloride	2.26	62	135058	45.128	ug/l	96
5) Bromomethane	2.65	94	96232	38.486	ug/l	99
6) Chloroethane	2.80	64	86452	48.466	ug/l	98
7) Trichlorofluoromethane	3.13	101	182154	47.951	ug/l	100
8) Diethyl Ether	3.54	74	54708	46.963	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	107207	51.062	ug/l	100
10) Methyl Iodide	4.10	142	113156	52.278	ug/l	98
11) Tert butyl alcohol	4.96	59	65002	249.279	ug/l #	94
12) 1,1-Dichloroethene	3.87	96	102193	48.921	ug/l	97
13) Acrolein	3.73	56	39016	179.161	ug/l	98
14) Allyl chloride	4.48	41	180253	47.296	ug/l	99
15) Acrylonitrile	5.17	53	126083	202.766	ug/l	99
16) Acetone	3.95	43	159351	184.084	ug/l	99
17) Carbon Disulfide	4.19	76	302209	44.657	ug/l	100
18) Methyl Acetate	4.48	43	67578	41.310	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	245201	47.391	ug/l	99
20) Methylene Chloride	4.72	84	116677	47.860	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	118532	49.003	ug/l	99
22) Diisopropyl ether	6.12	45	335417	50.177	ug/l	96
23) Vinyl Acetate	6.07	43	1121371	223.237	ug/l	99
24) 1,1-Dichloroethane	6.02	63	211881	49.880	ug/l	99
25) 2-Butanone	6.99	43	203853	188.288	ug/l	98
26) 2,2-Dichloropropane	6.99	77	197985	50.030	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	132740	50.644	ug/l	100
28) Bromochloromethane	7.33	49	107014	50.078	ug/l	97
29) Tetrahydrofuran	7.35	42	106926	189.005	ug/l	98
30) Chloroform	7.51	83	212027	50.819	ug/l	100
31) Cyclohexane	7.78	56	178654	45.423	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	194811	50.051	ug/l	100
36) 1,1-Dichloropropene	7.92	75	169759	50.002	ug/l	100
37) Ethyl Acetate	7.08	43	80996	38.420	ug/l	98
38) Carbon Tetrachloride	7.90	117	178801	50.766	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	188407	49.839	ug/l	98
40) Benzene	8.16	78	475244	50.300	ug/l	99
41) Methacrylonitrile	7.35	41	106265	94.392	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	141346	47.745	ug/l	99
43) Isopropyl Acetate	8.27	43	157178	41.485	ug/l	97
44) Trichloroethene	8.94	130	136905	51.616	ug/l	94
45) 1,2-Dichloropropane	9.22	63	120230	50.390	ug/l	99
46) Dibromomethane	9.30	93	62849	47.879	ug/l	99
47) Bromodichloromethane	9.50	83	165087	51.383	ug/l	98
48) Methyl methacrylate	9.29	41	75310	42.197	ug/l	97
49) 1,4-Dioxane	9.30	88	13955	852.012	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	406391	201.318	ug/l	100
52) Toluene	10.24	92	304435	51.517	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	167995	49.134	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	195113	50.711	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	90949	48.808	ug/l	99
56) Ethyl methacrylate	10.51	69	117362	47.022	ug/l	98
57) 1,3-Dichloropropane	10.79	76	158398	48.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	303589	239.940	ug/l	99
59) 2-Hexanone	10.83	43	291825	195.250	ug/l	98
60) Dibromochloromethane	10.99	129	115790	50.558	ug/l	99
61) 1,2-Dibromoethane	11.09	107	85783	47.685	ug/l	98
64) Tetrachloroethene	10.72	164	127351	52.249	ug/l	96
65) Chlorobenzene	11.52	112	331501	52.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	125695	52.566	ug/l	99
67) Ethyl Benzene	11.59	91	603539	52.494	ug/l	100
68) m/p-Xylenes	11.70	106	457673	105.045	ug/l	100
69) o-Xylene	12.03	106	212094	52.920	ug/l	99
70) Styrene	12.04	104	365047	53.644	ug/l	100
71) Bromoform	12.20	173	76757	48.159	ug/l	100
73) Isopropylbenzene	12.33	105	596835	51.789	ug/l	100
74) N-amyl acetate	12.14	43	142207	43.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	106289	43.179	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	141370	75.734	ug/l #	100
77) Bromobenzene	12.61	156	147066	50.226	ug/l	98
78) n-propylbenzene	12.67	91	699067	51.498	ug/l	99
79) 2-Chlorotoluene	12.75	91	387924	51.150	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	504462	52.831	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37241	41.640	ug/l	98
82) 4-Chlorotoluene	12.85	91	403242	50.879	ug/l	98
83) tert-Butylbenzene	13.07	119	442353	52.235	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	506978	53.125	ug/l	99
85) sec-Butylbenzene	13.25	105	614265	53.570	ug/l	100
86) p-Isopropyltoluene	13.36	119	574261	54.001	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	289131	53.007	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	284203	52.398	ug/l	99
89) n-Butylbenzene	13.69	91	530311	54.597	ug/l	100
90) Hexachloroethane	13.95	117	95830	53.544	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	250582	51.714	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17947	40.275	ug/l	98

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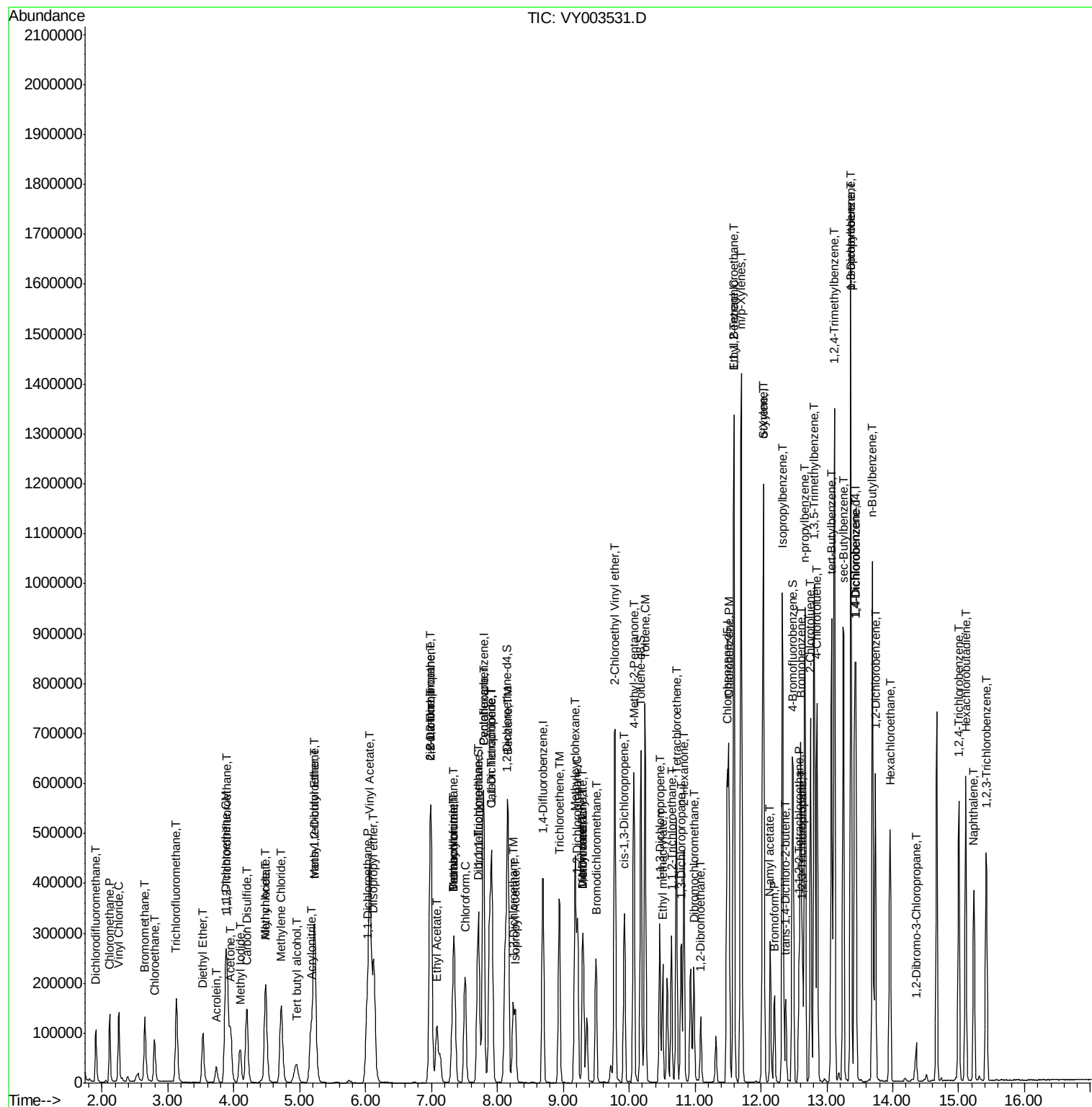
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	184321	53.778	ug/l	100
94) Hexachlorobutadiene	15.11	225	122099	55.377	ug/l	99
95) Naphthalene	15.23	128	318974	46.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	160143	51.942	ug/l	99

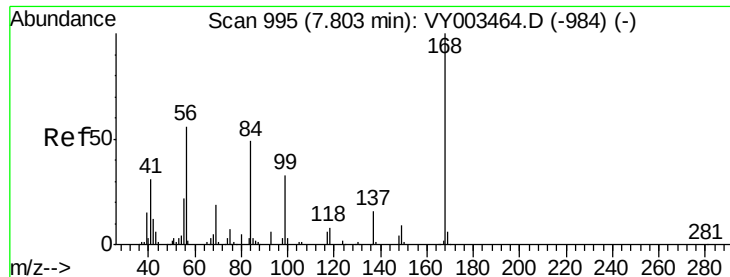
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

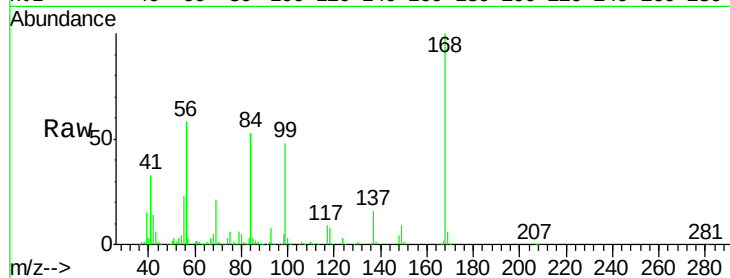
VSTDCCC050EC

Tot Ion:168 Resp: 255962

Ion Ratio Lower Upper

168 100

99 47.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.79

120000

100000

80000

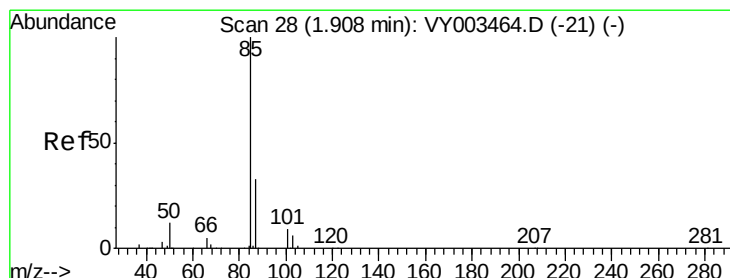
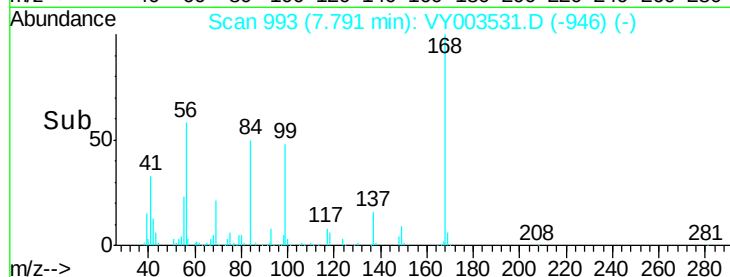
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.952 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003531.D

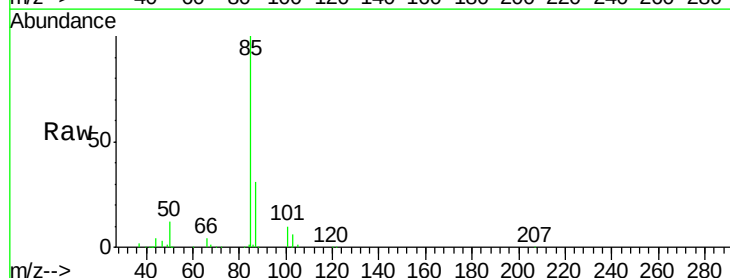
Acq: 12 Nov 2020 16:23

Tgt Ion: 85 Resp: 86987

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

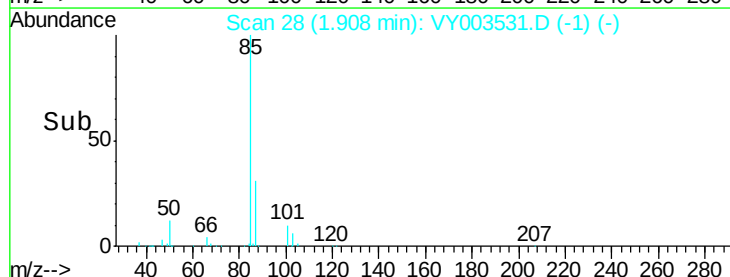
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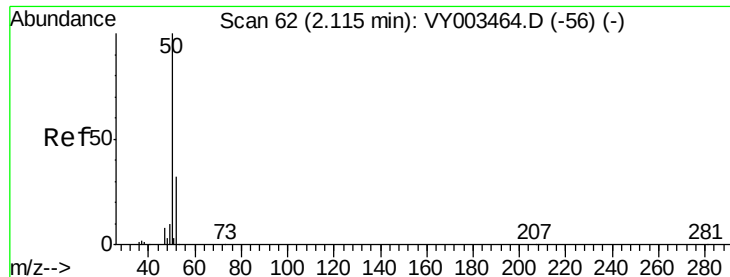
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20000

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Time-->





#3

Chloromethane

Concen: 44.271 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

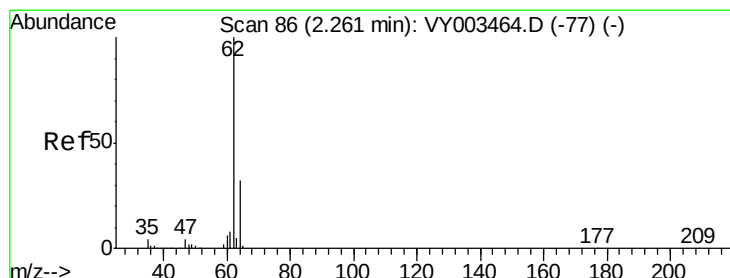
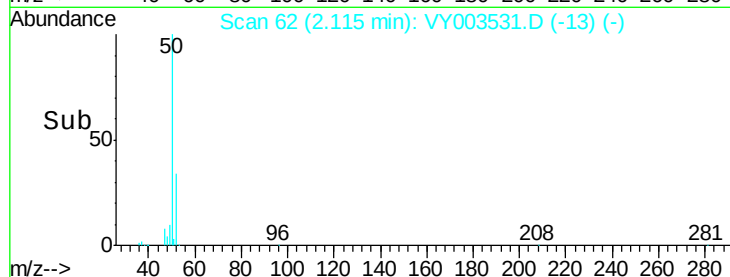
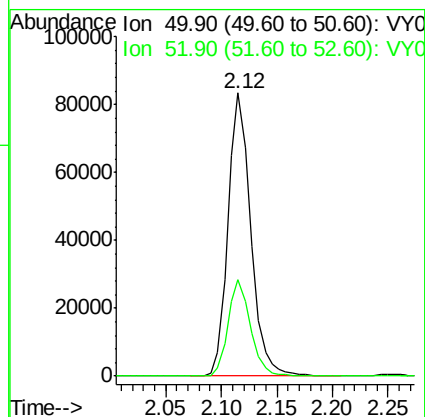
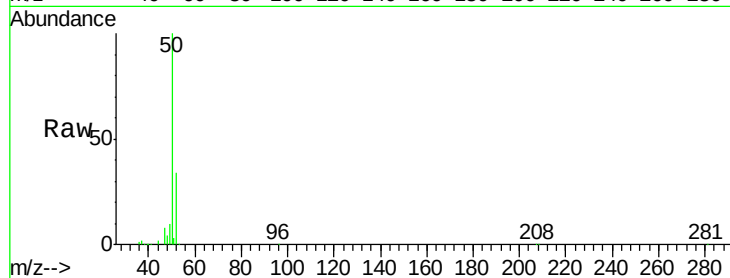
VSTDCCC050EC

Tot Ion: 50 Resp: 118030

Ion Ratio Lower Upper

50 100

52 34.2 25.6 38.4



#4

Vinyl Chloride

Concen: 45.128 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003531.D

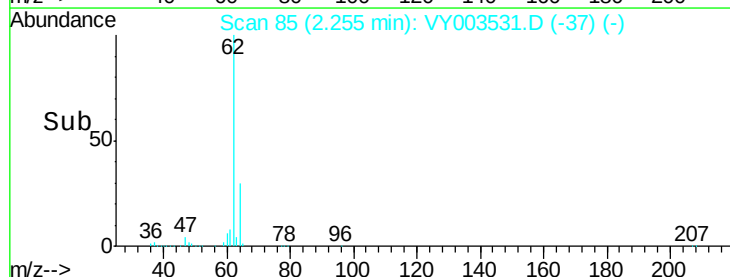
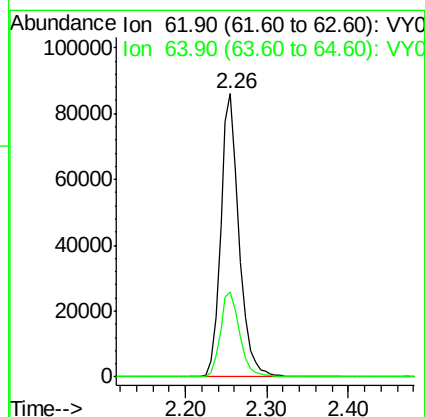
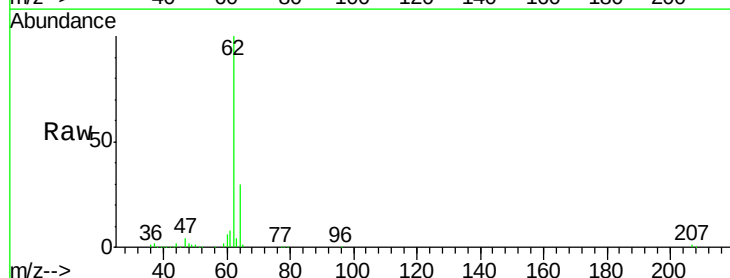
Acq: 12 Nov 2020 16:23

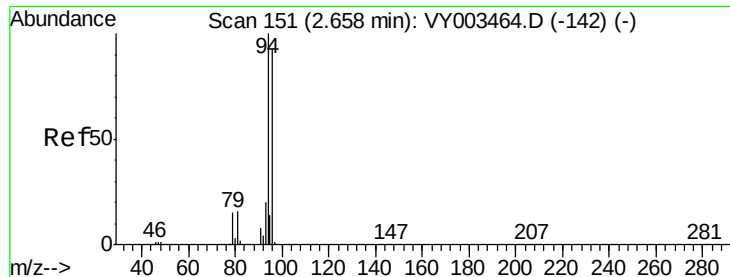
Tgt Ion: 62 Resp: 135058

Ion Ratio Lower Upper

62 100

64 29.9 25.5 38.3





#5

Bromomethane

Concen: 38.486 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

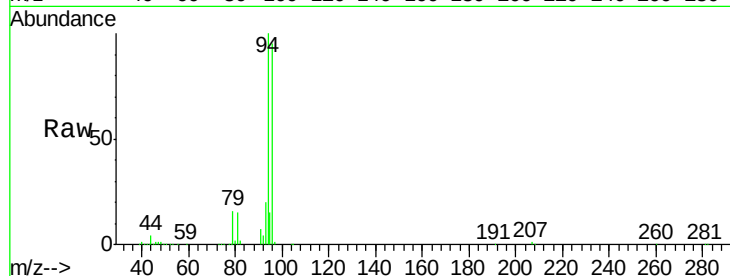
VSTDCCC050EC

Tot Ion: 94 Resp: 96232

Ion Ratio Lower Upper

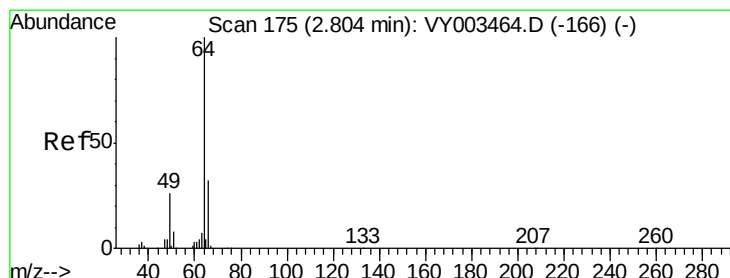
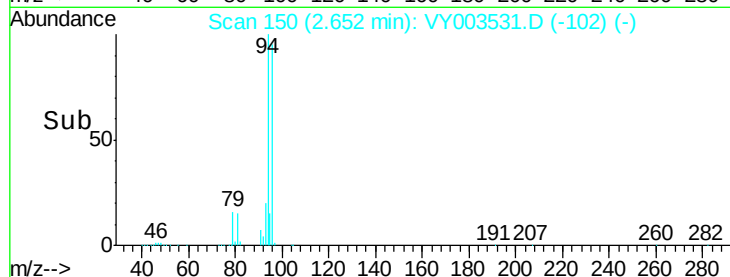
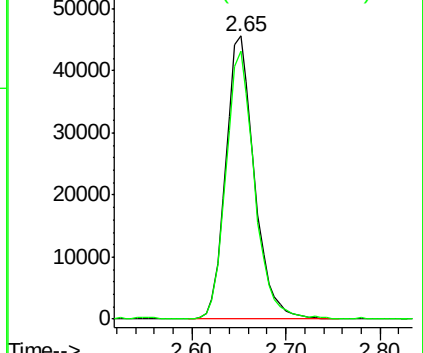
94 100

96 94.6 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: 48.466 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003531.D

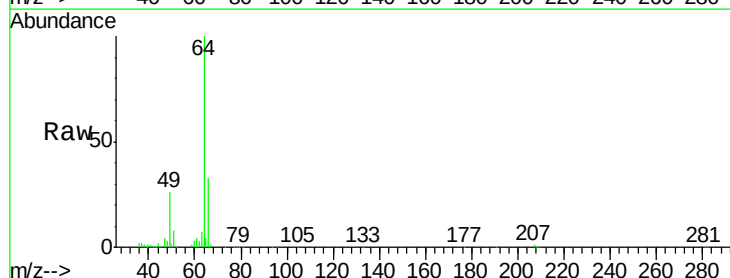
Acq: 12 Nov 2020 16:23

Tgt Ion: 64 Resp: 86452

Ion Ratio Lower Upper

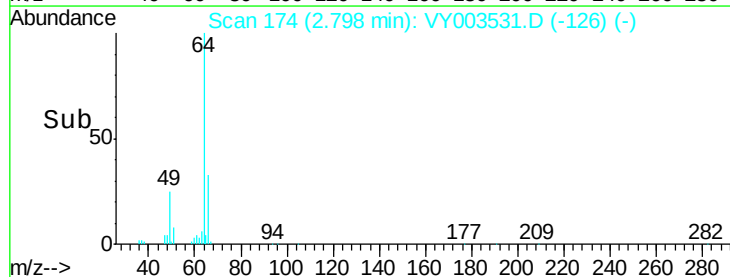
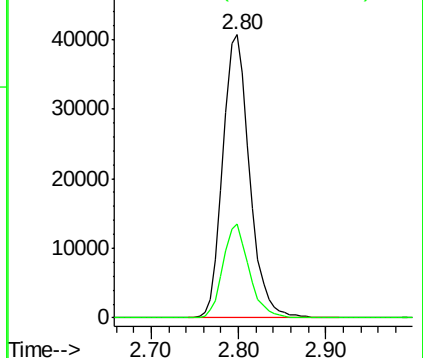
64 100

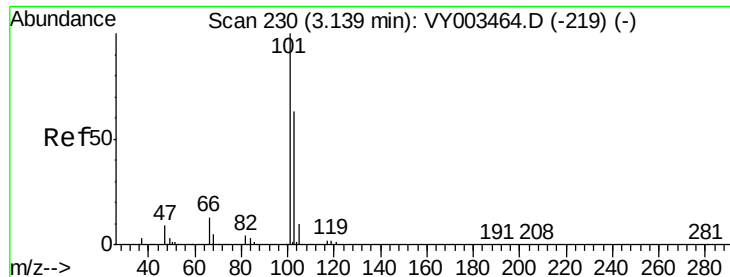
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



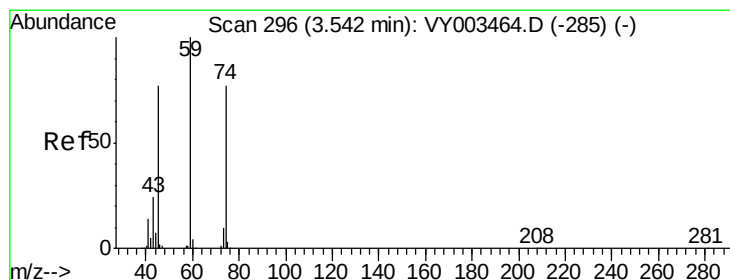
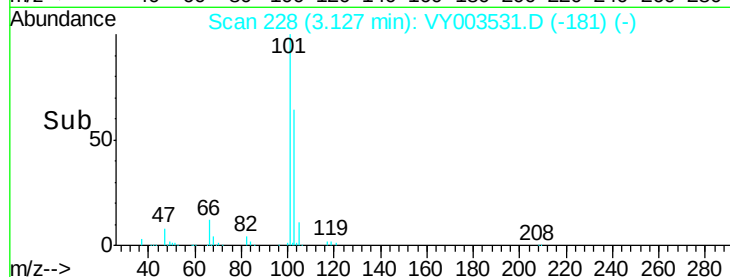
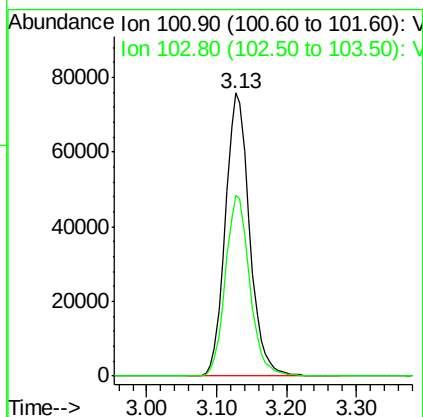
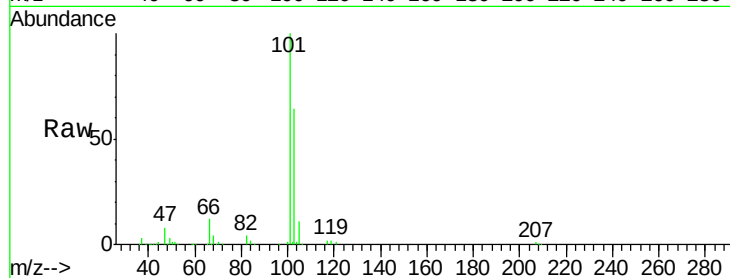


#7

Trichlorofluoromethane
 Concen: 47.951 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
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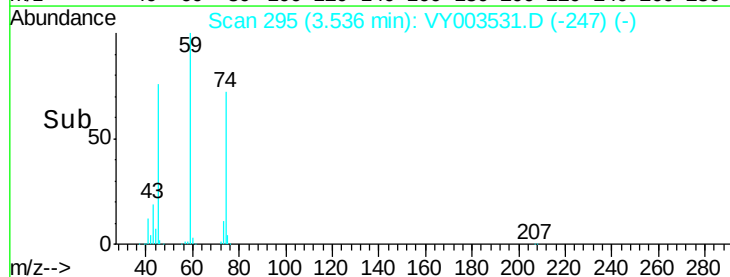
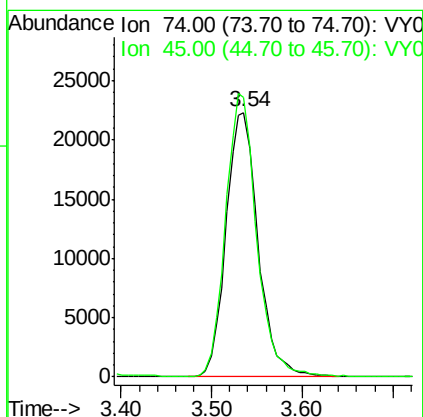
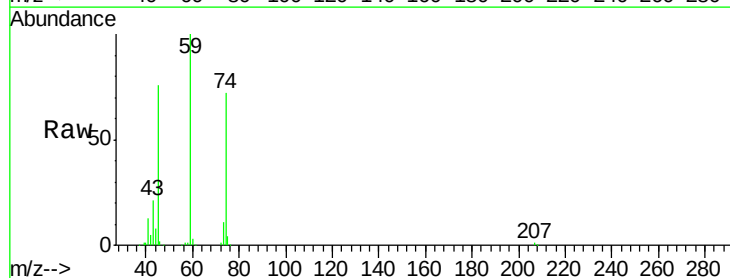
Tot Ion:101 Resp: 182154
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.7 76.1

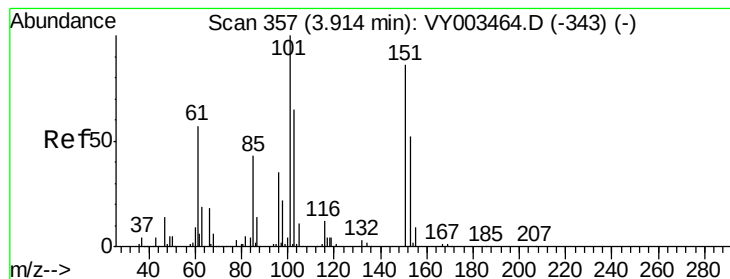


#8

Diethyl Ether
 Concen: 46.963 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 74 Resp: 54708
 Ion Ratio Lower Upper
 74 100
 45 104.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.062 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

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VSTDCCC050EC

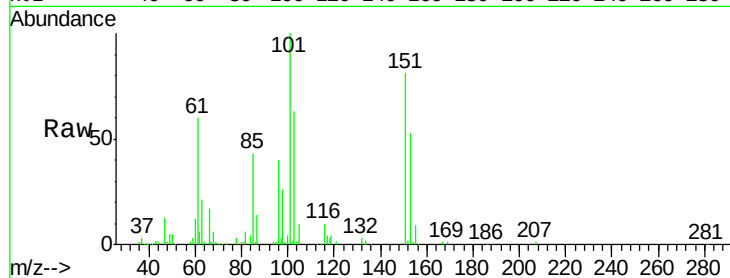
Tot Ion:101 Resp: 107207

Ion Ratio Lower Upper

101 100

85 44.1 35.8 53.8

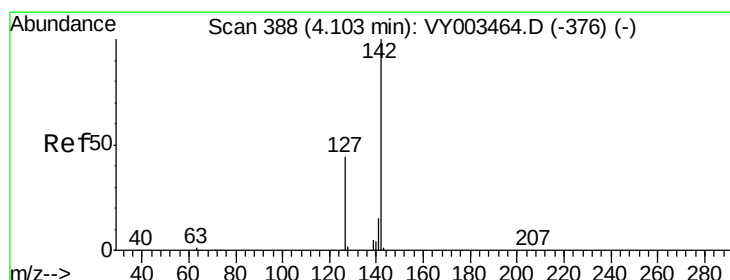
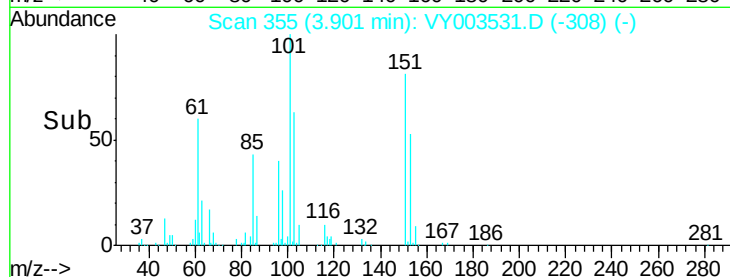
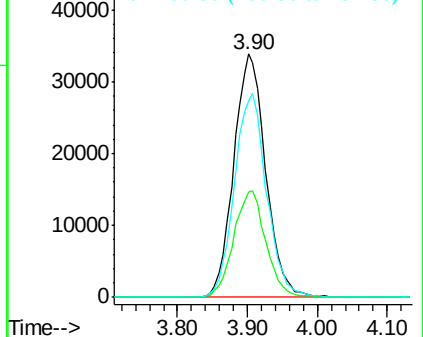
151 84.6 67.6 101.4



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: 52.278 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

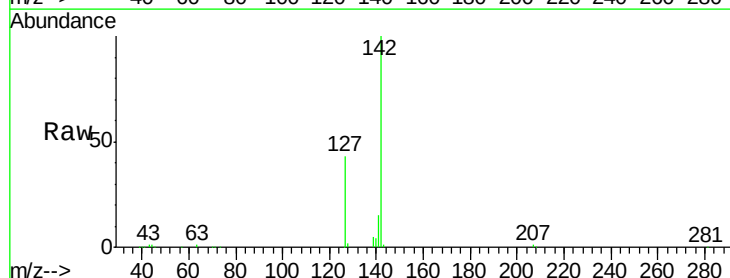
Tgt Ion:142 Resp: 113156

Ion Ratio Lower Upper

142 100

127 41.8 34.5 51.7

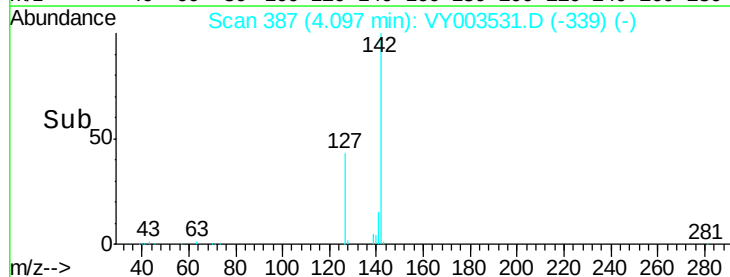
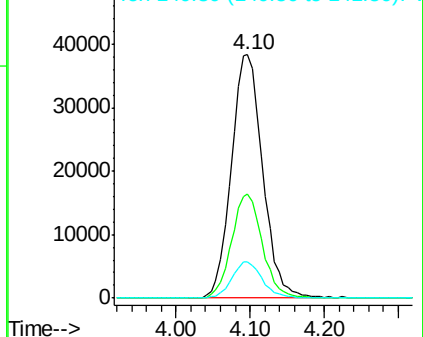
141 14.4 11.8 17.8

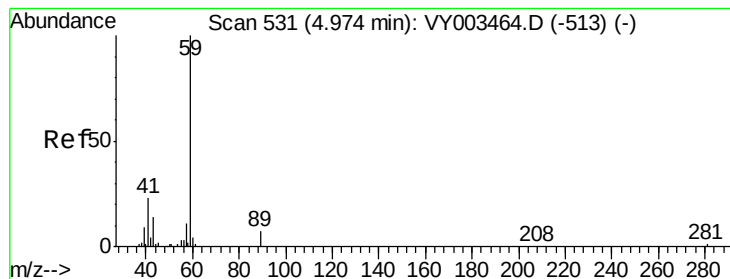


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



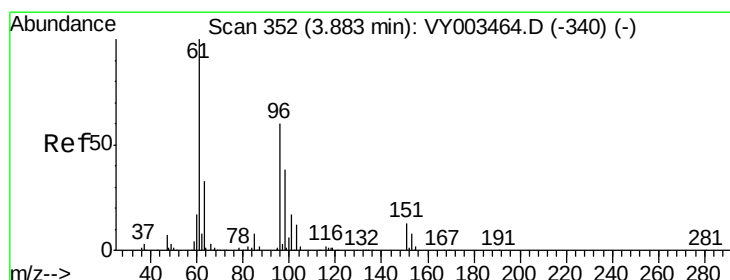
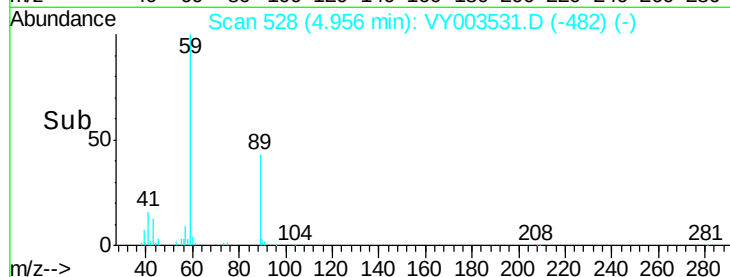
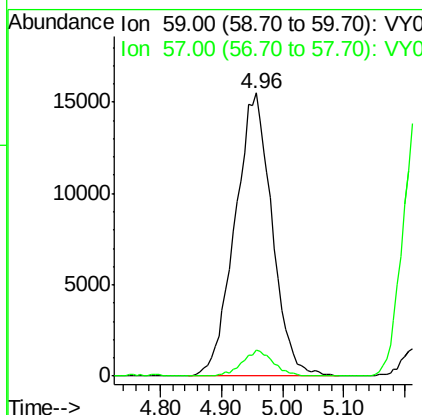
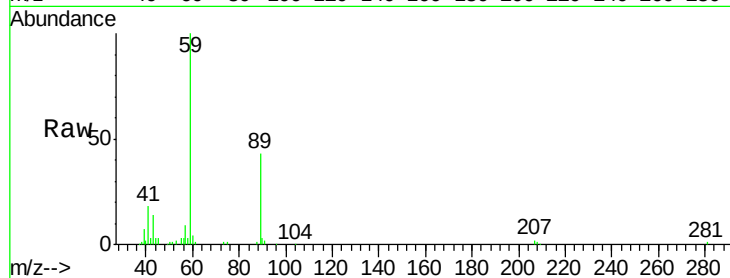


#11

Tert butyl alcohol
 Concen: 249.279 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

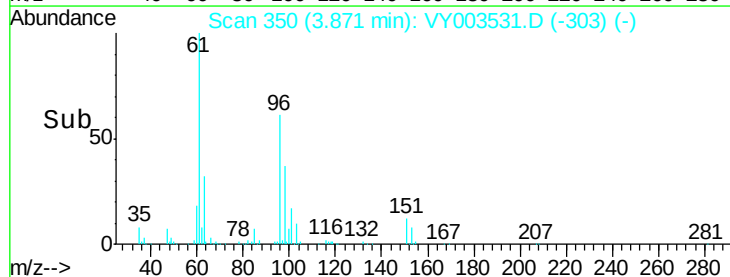
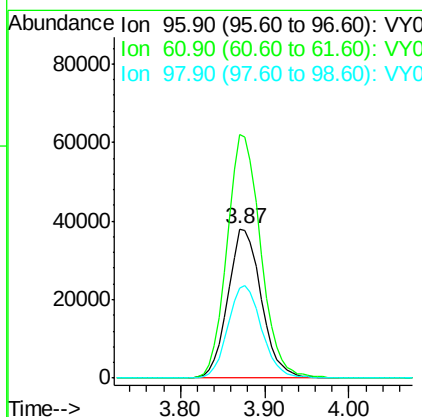
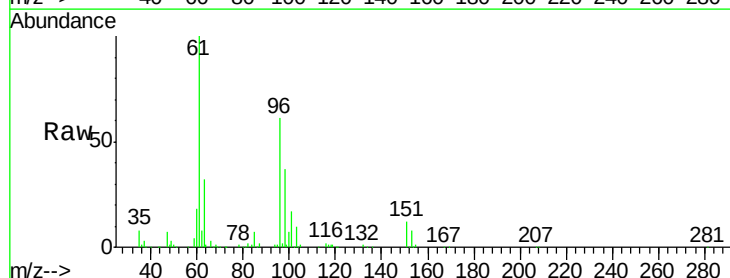
Tot Ion: 59 Resp: 65002
 Ion Ratio Lower Upper
 59 100
 57 7.7 7.9 11.9#

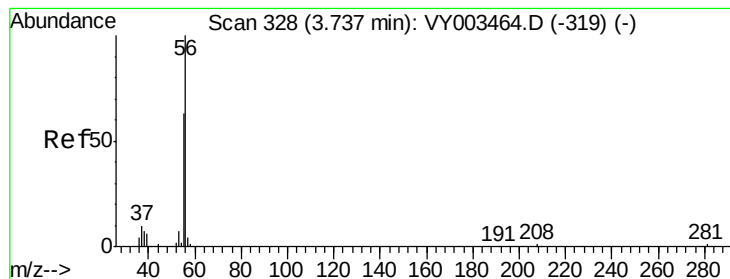


#12

1,1-Dichloroethene
 Concen: 48.921 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 96 Resp: 102193
 Ion Ratio Lower Upper
 96 100
 61 163.6 133.6 200.4
 98 60.1 50.2 75.2





#13

Acrolein

Concen: 179.161 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

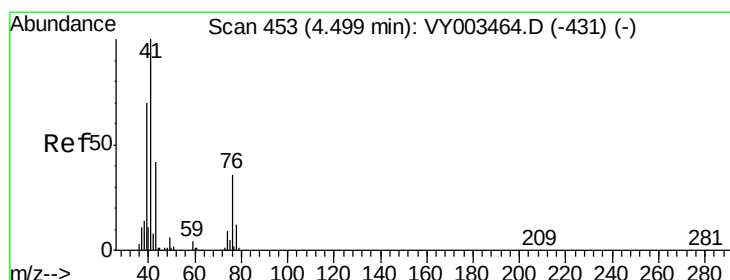
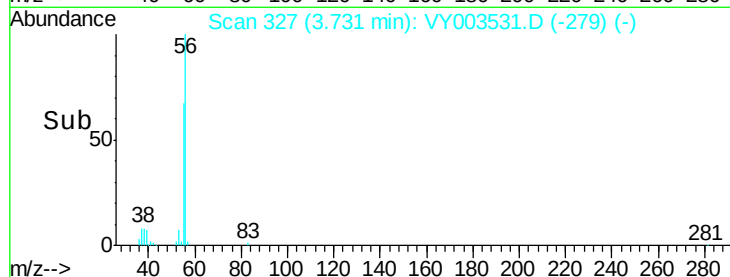
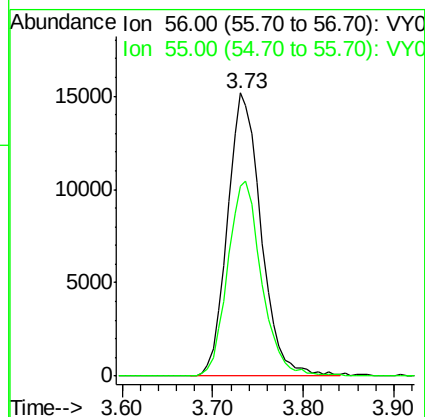
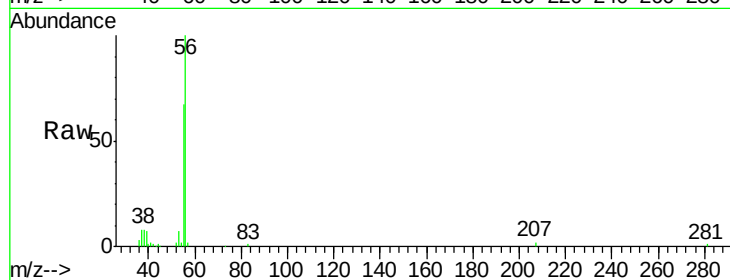
VSTDCCC050EC

Tot Ion: 56 Resp: 39016

Ion Ratio Lower Upper

56 100

55 69.2 56.6 85.0



#14

Allyl chloride

Concen: 47.296 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.02 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

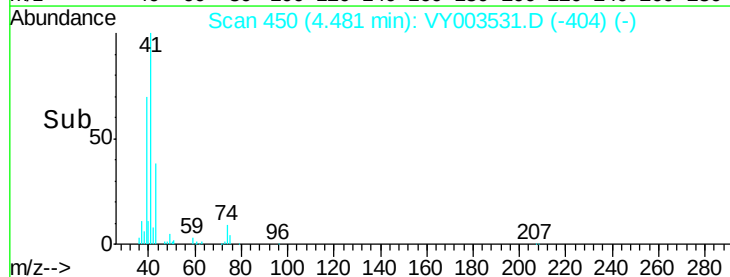
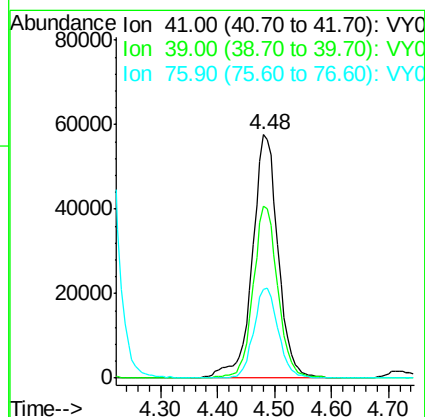
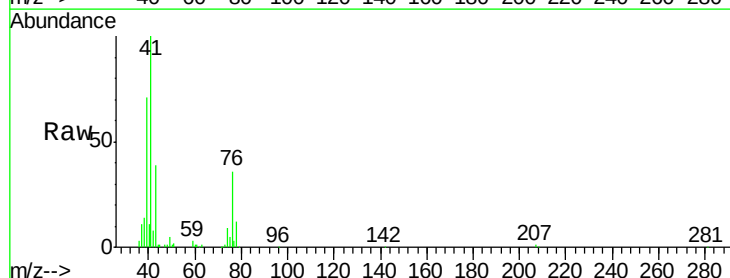
Tgt Ion: 41 Resp: 180253

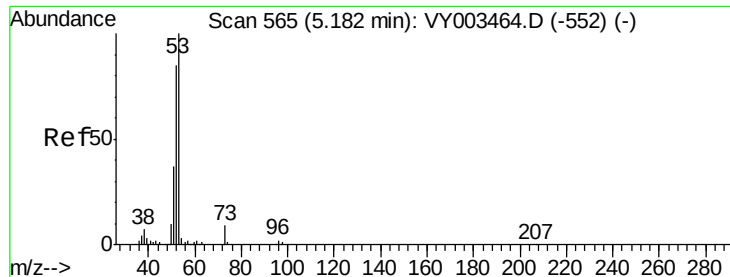
Ion Ratio Lower Upper

41 100

39 67.9 54.4 81.6

76 35.2 27.6 41.4





#15

Acrylonitrile

Concen: 202.766 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

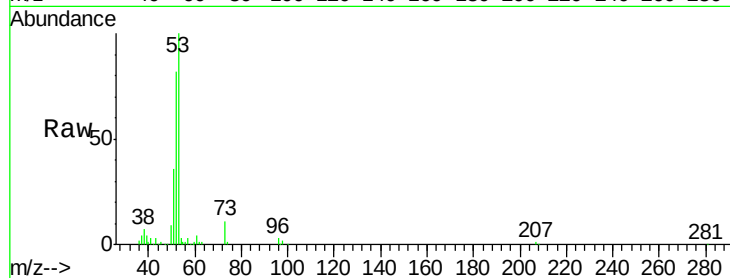
Tot Ion: 53 Resp: 126083

Ion Ratio Lower Upper

53 100

52 82.1 66.9 100.3

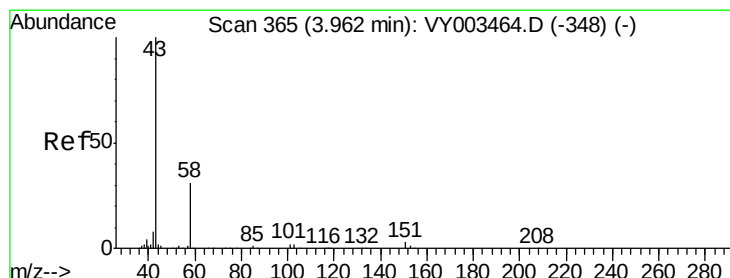
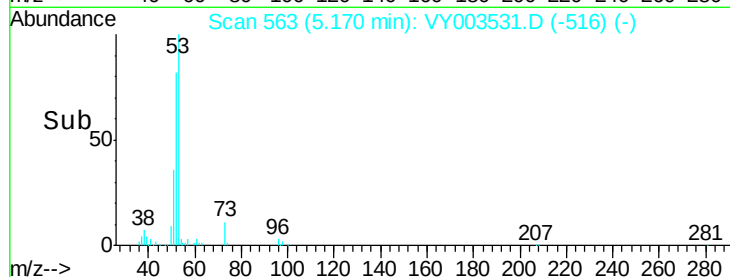
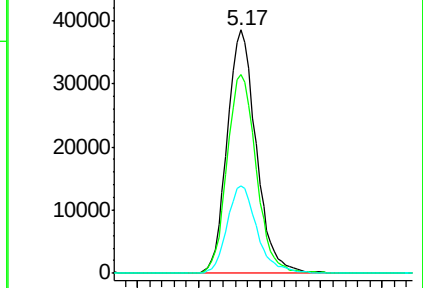
51 37.0 29.3 43.9



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: 184.084 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY003531.D

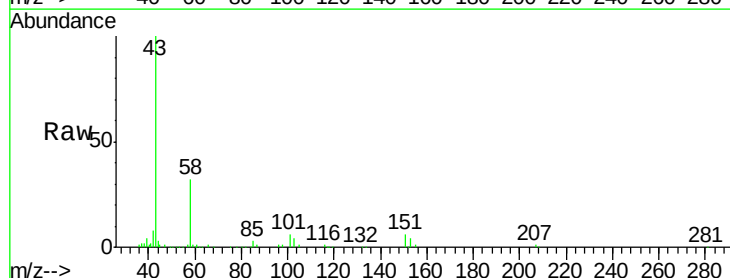
Acq: 12 Nov 2020 16:23

Tgt Ion: 43 Resp: 159351

Ion Ratio Lower Upper

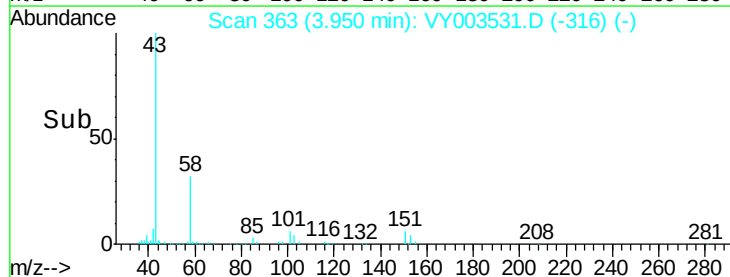
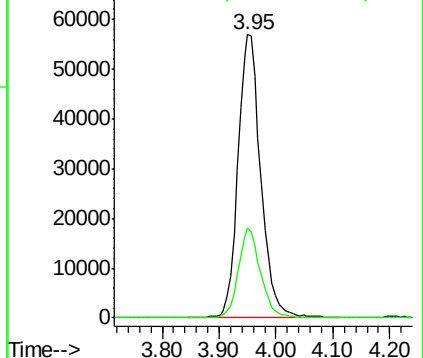
43 100

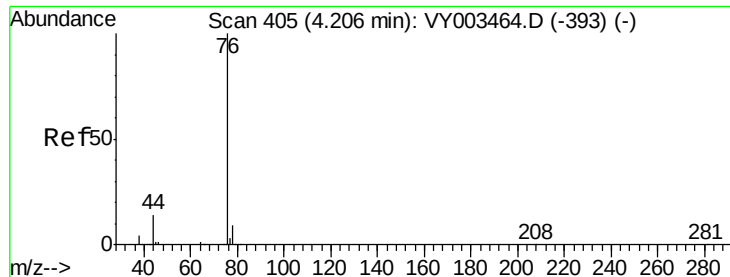
58 31.8 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

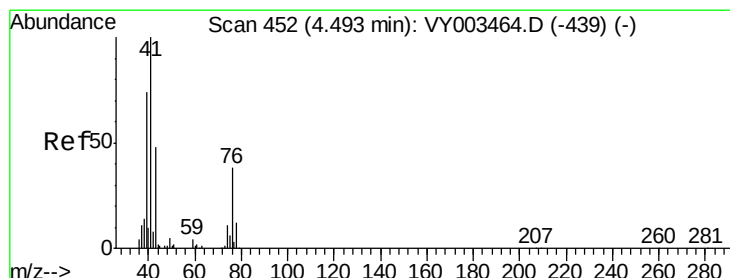
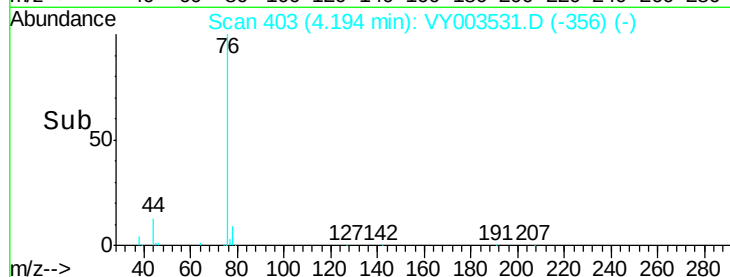
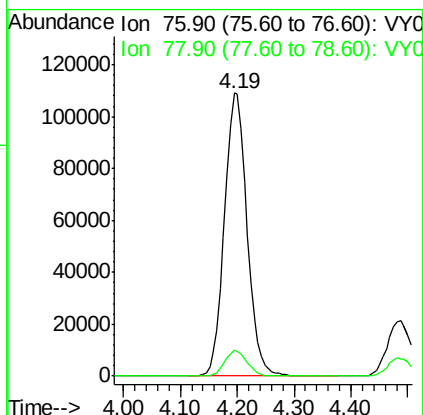
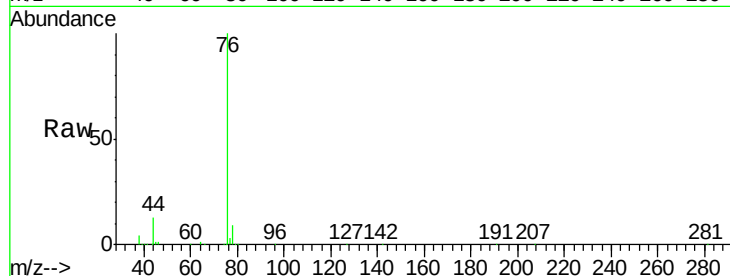




#17
Carbon Disulfide
Concen: 44.657 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

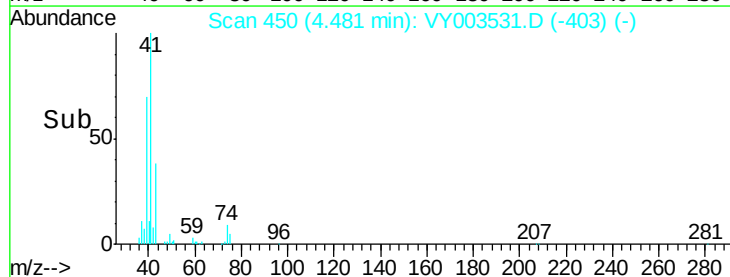
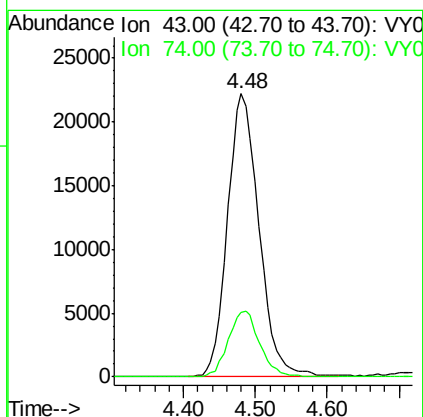
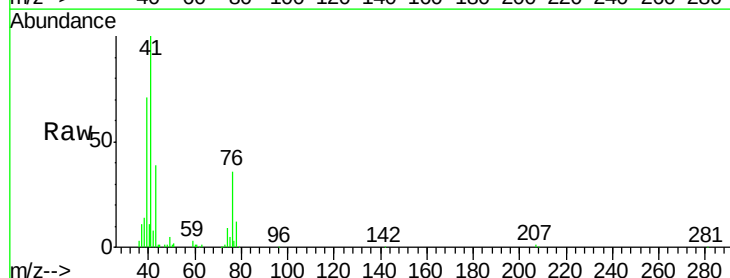
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

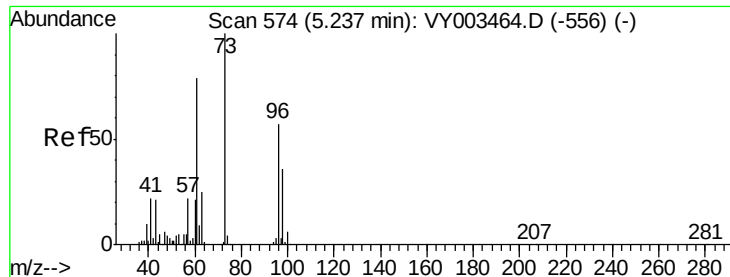
Tot Ion: 76 Resp: 302209
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 41.310 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion: 43 Resp: 67578
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6

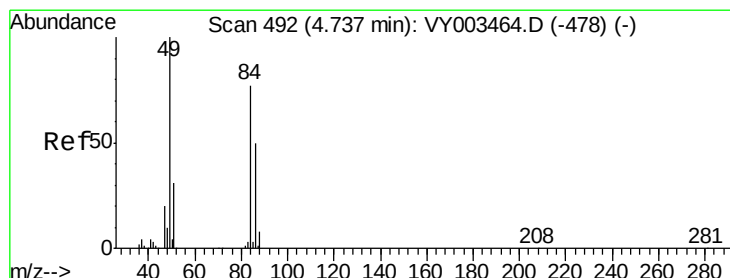
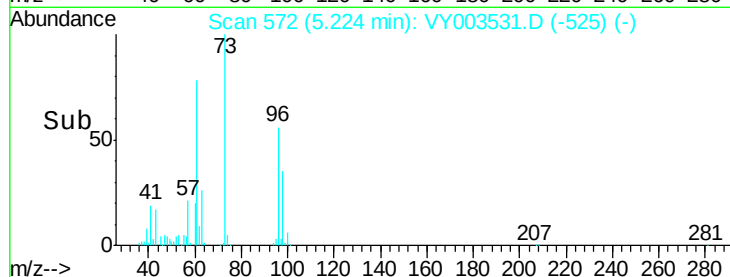
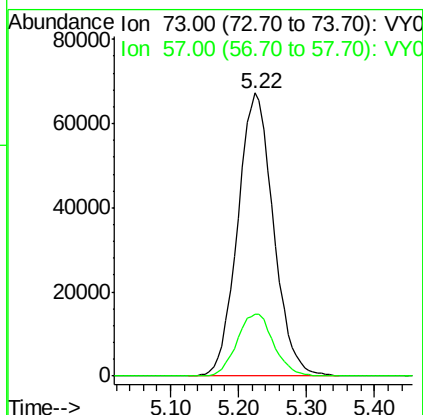
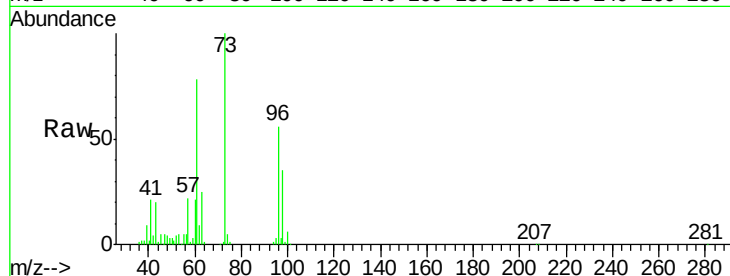




#19
Methyl tert-butyl Ether
Concen: 47.391 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

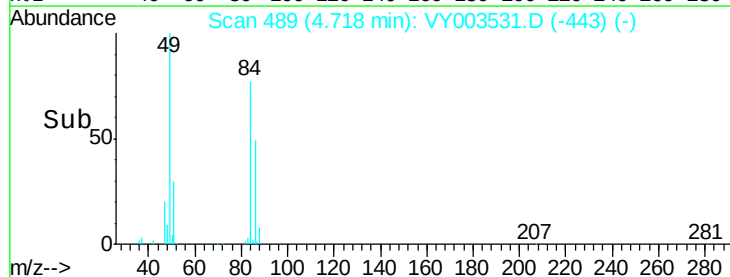
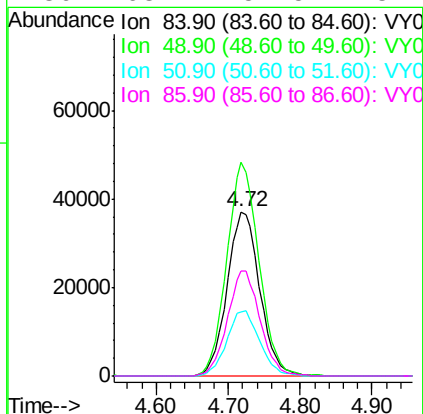
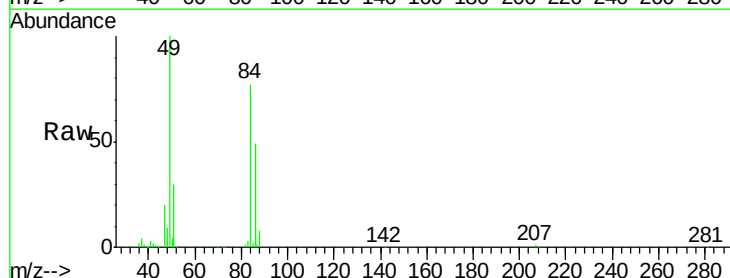
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

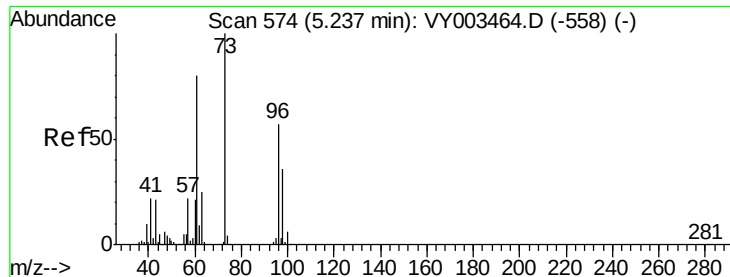
Tot Ion: 73 Resp: 245201
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 47.860 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion: 84 Resp: 116677
Ion Ratio Lower Upper
84 100
49 130.3 104.3 156.5
51 39.3 32.5 48.7
86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.003 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

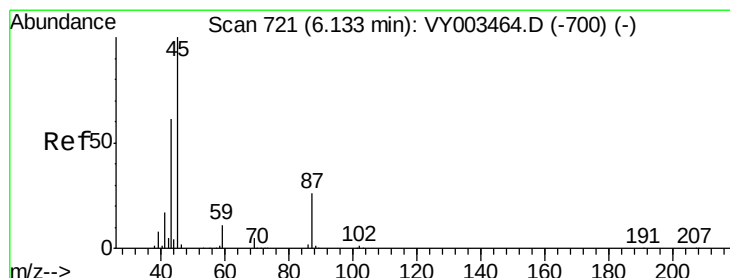
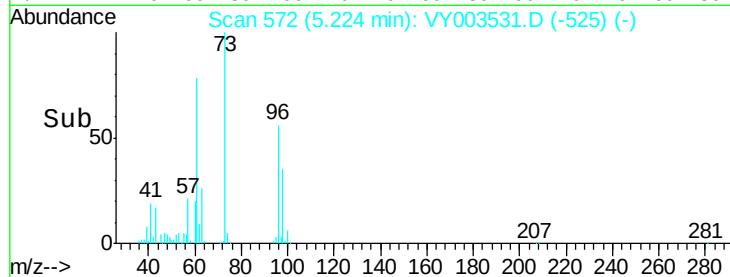
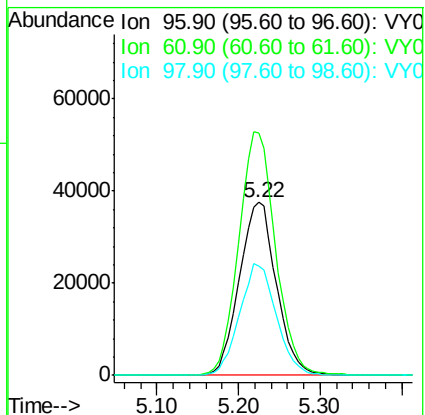
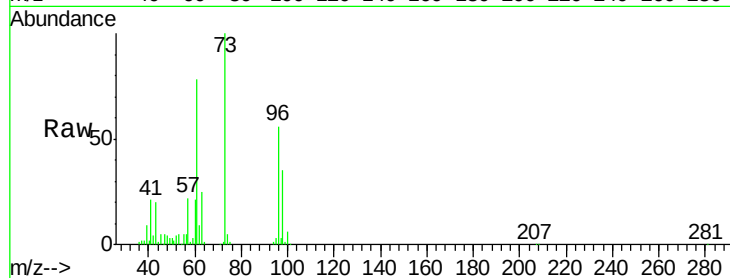
Tot Ion: 96 Resp: 118532

Ion Ratio Lower Upper

96 100

61 140.1 111.3 166.9

98 63.0 50.3 75.5



#22

Diisopropyl ether

Concen: 50.177 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion: 45 Resp: 335417

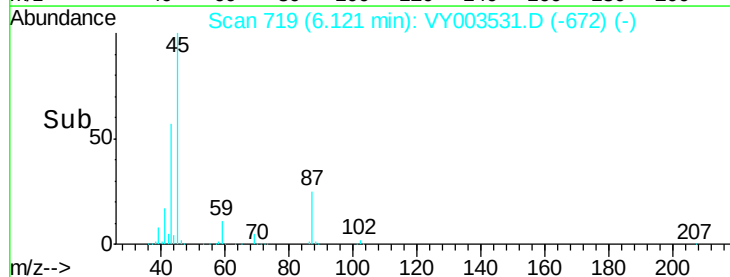
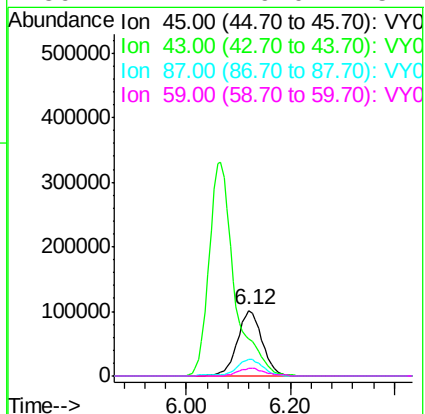
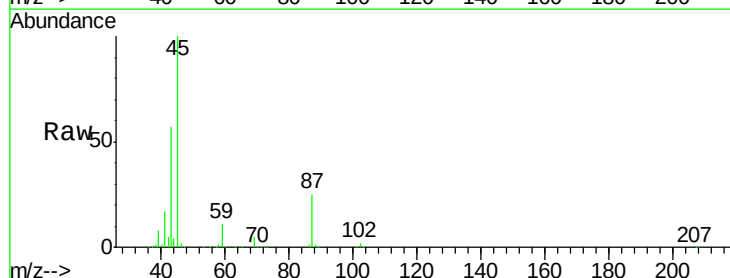
Ion Ratio Lower Upper

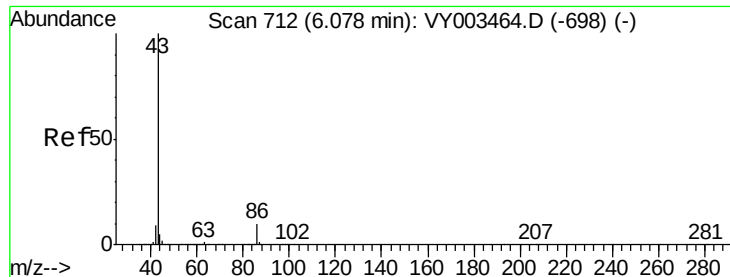
45 100

43 57.2 48.8 73.2

87 24.8 20.6 31.0

59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 223.237 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

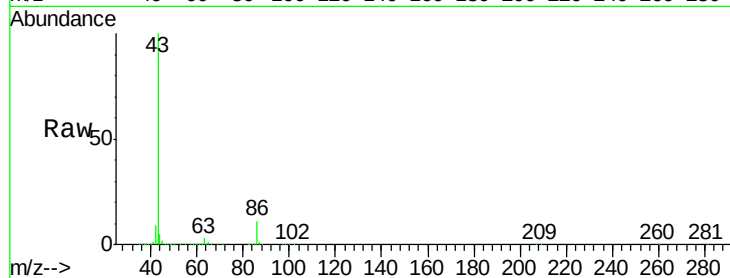
VSTDCCC050EC

Tot Ion: 43 Resp: 1121371

Ion Ratio Lower Upper

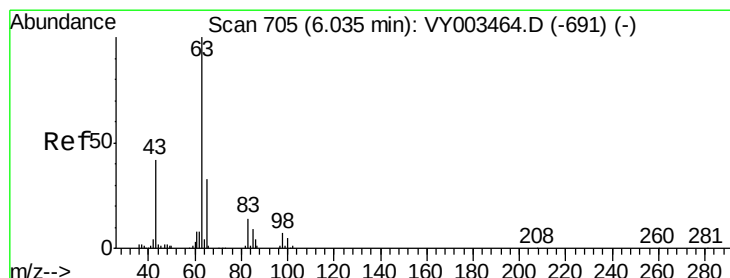
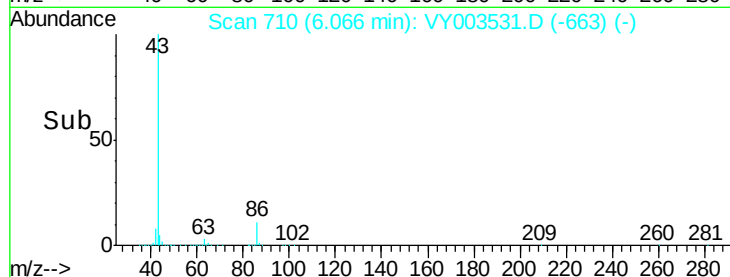
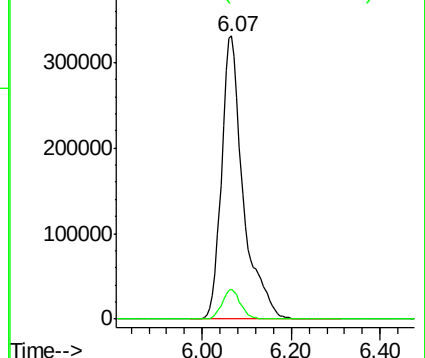
43 100

86 10.5 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: 49.880 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

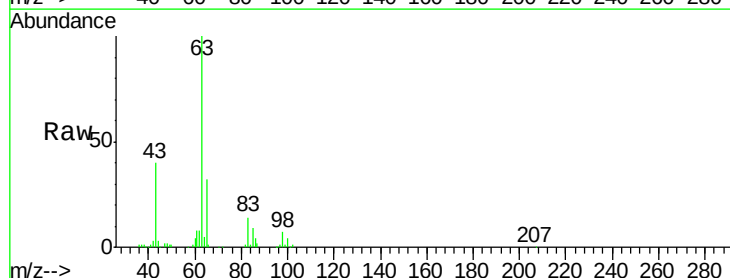
Tgt Ion: 63 Resp: 211881

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

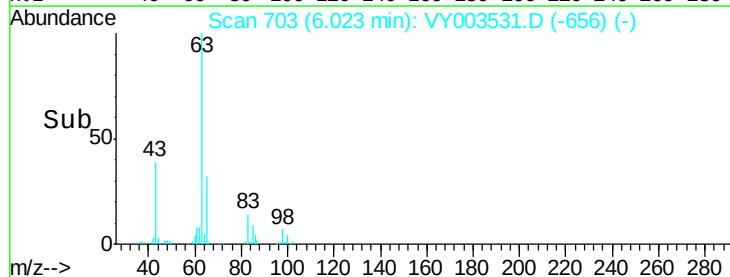
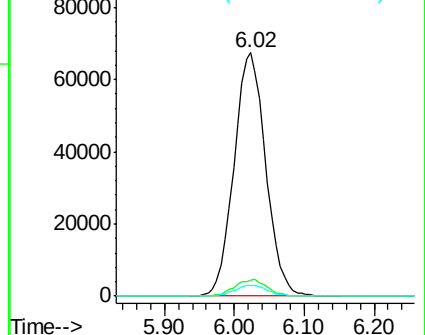
100 4.4 2.3 6.9

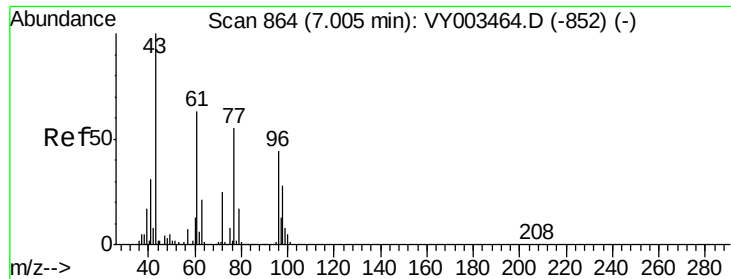


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 188.288 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

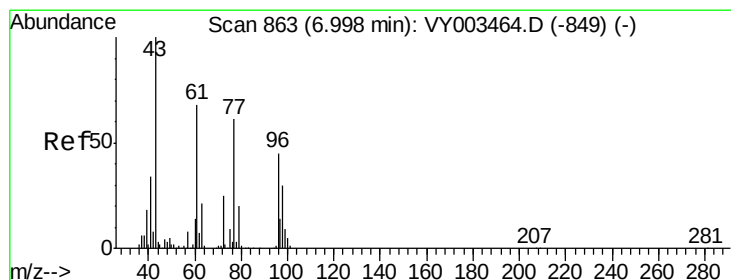
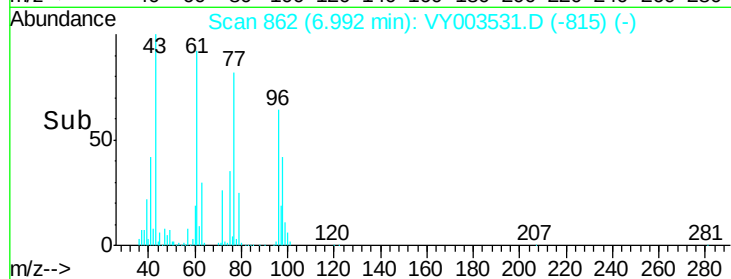
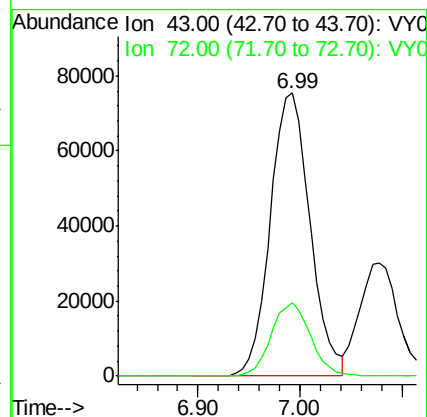
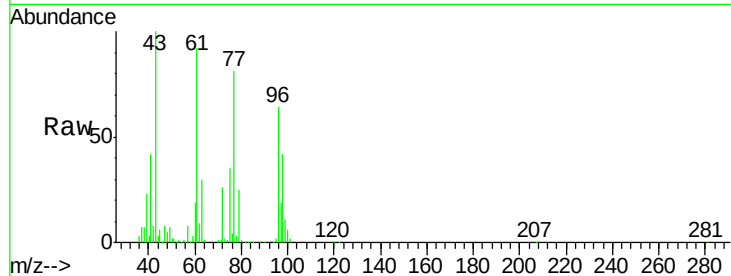
VSTDCCC050EC

Tot Ion: 43 Resp: 203853

Ion Ratio Lower Upper

43 100

72 26.0 20.1 30.1



#26

2,2-Dichloropropane

Concen: 50.030 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003531.D

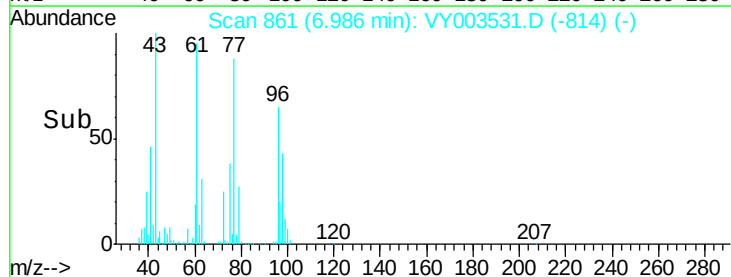
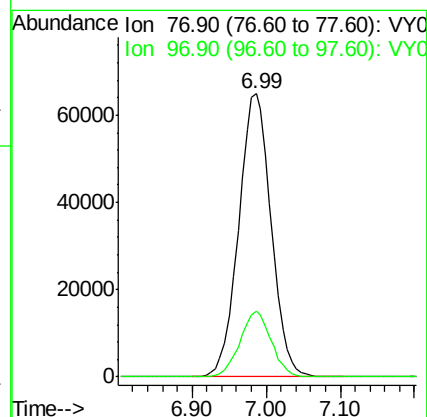
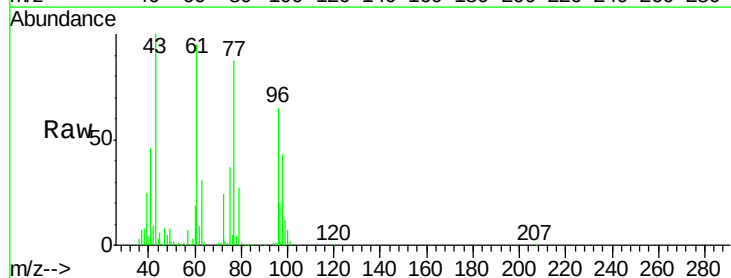
Acq: 12 Nov 2020 16:23

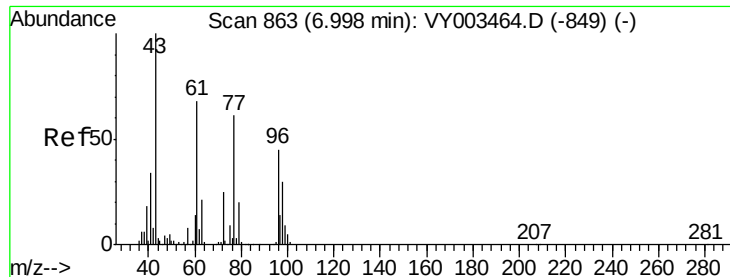
Tgt Ion: 77 Resp: 197985

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



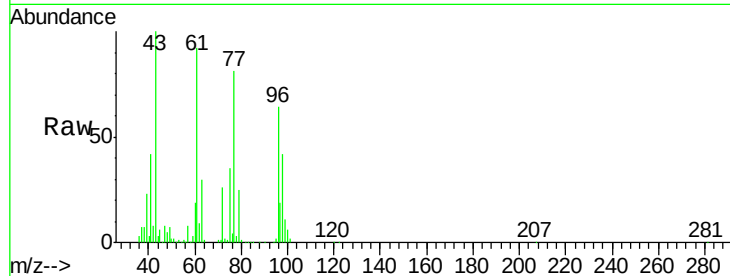


#27

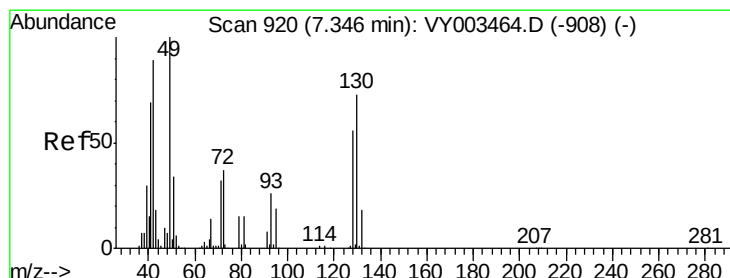
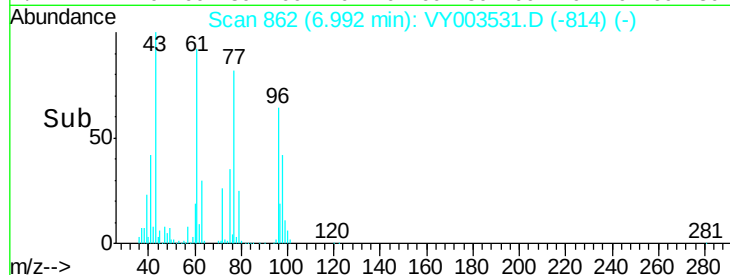
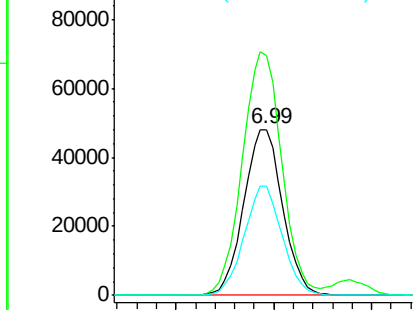
cis-1,2-Dichloroethene
 Concen: 50.644 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	299.2
98	64.6	0.0	128.6



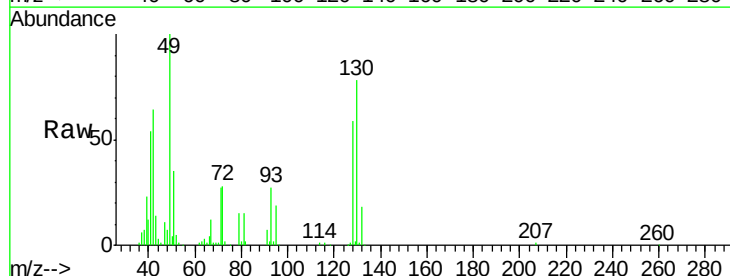
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



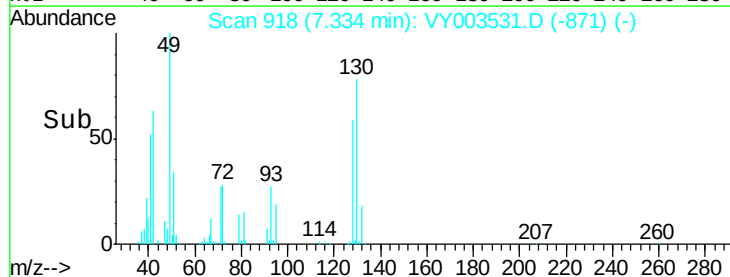
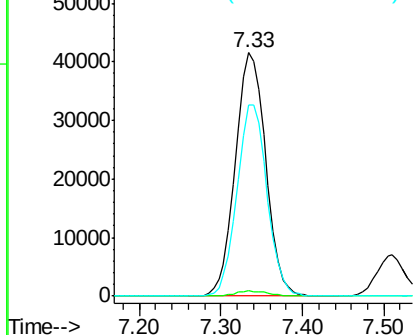
#28

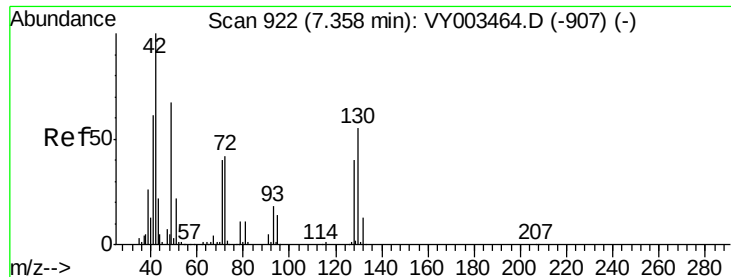
Bromochloromethane
 Concen: 50.078 ug/l
 RT: 7.33 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.8	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: 189.005 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

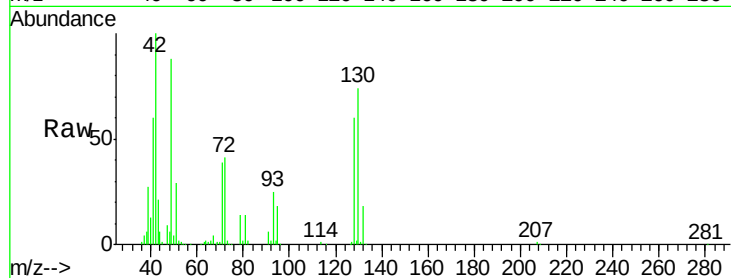
Tot Ion: 42 Resp: 106926

Ion Ratio Lower Upper

42 100

72 42.1 32.8 49.2

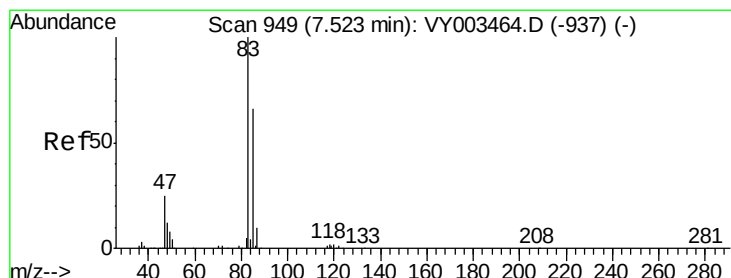
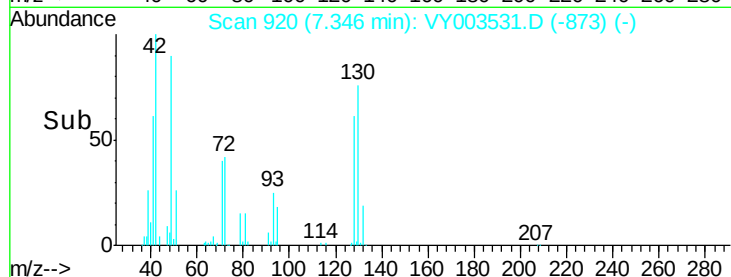
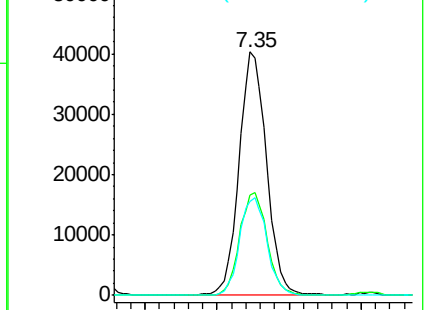
71 39.8 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 50.819 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003531.D

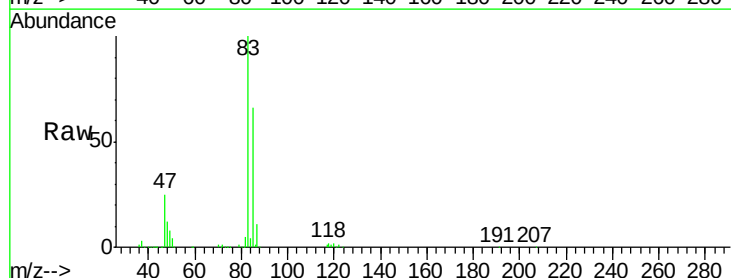
Acq: 12 Nov 2020 16:23

Tgt Ion: 83 Resp: 212027

Ion Ratio Lower Upper

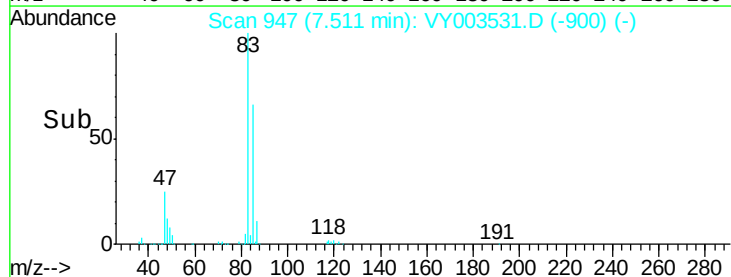
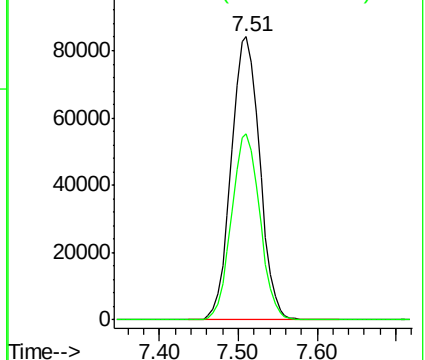
83 100

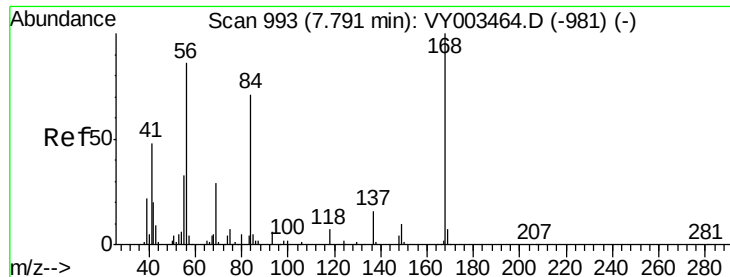
85 65.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.423 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

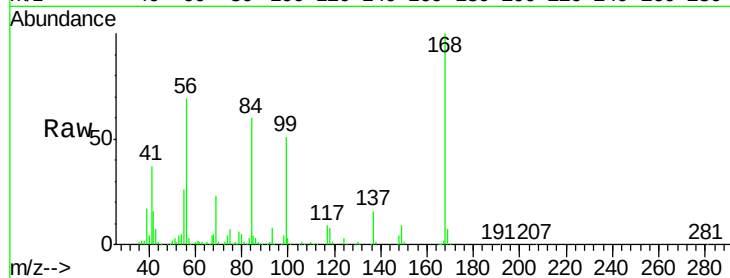
Tot Ion: 56 Resp: 178654

Ion Ratio Lower Upper

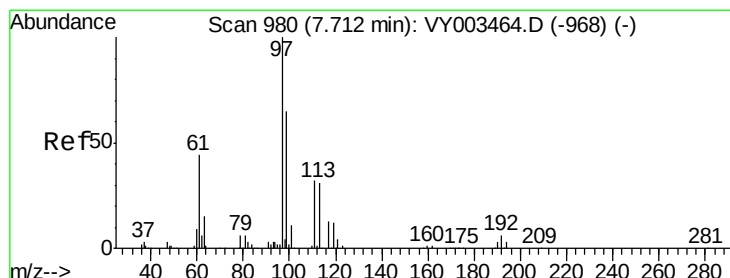
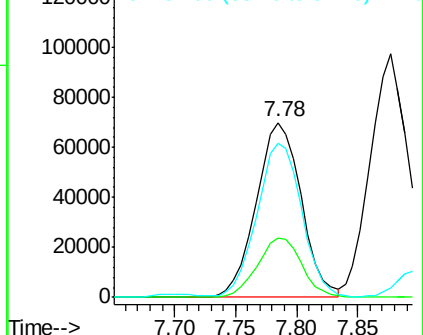
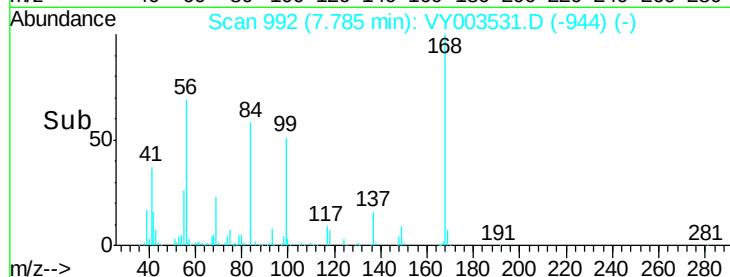
56 100

69 33.8 26.6 39.8

84 86.1 65.9 98.9



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



#32

1,1,1-Trichloroethane

Concen: 50.051 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

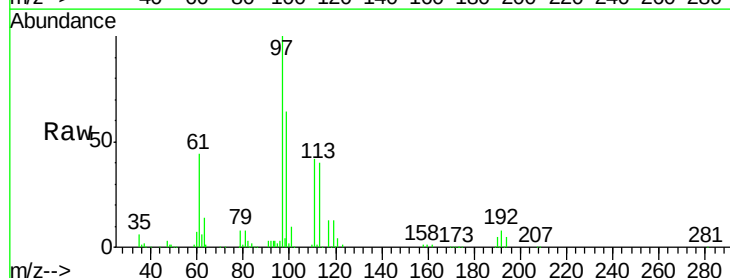
Tgt Ion: 97 Resp: 194811

Ion Ratio Lower Upper

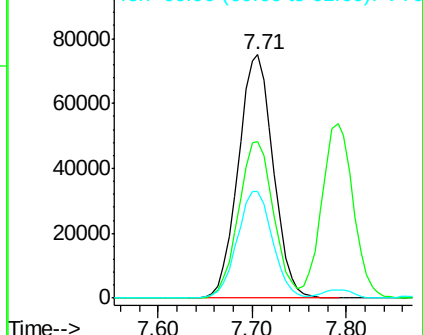
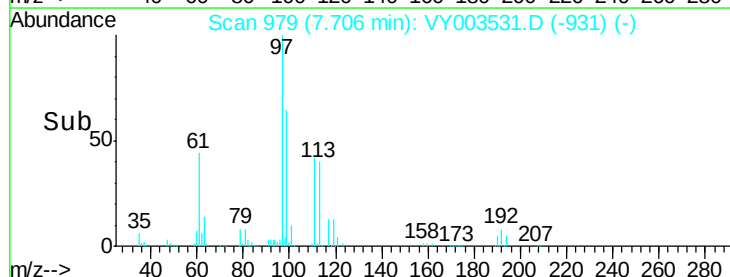
97 100

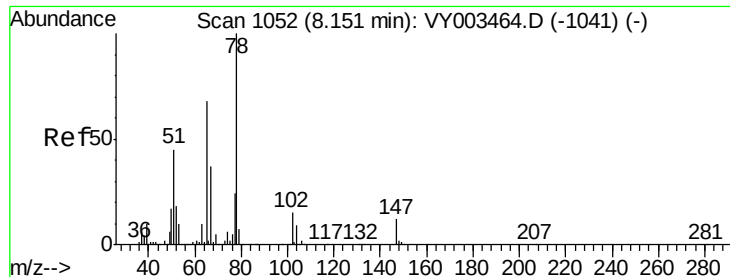
99 64.6 51.6 77.4

61 44.1 35.1 52.7



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

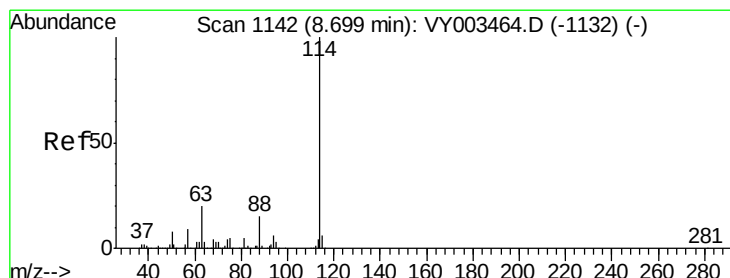
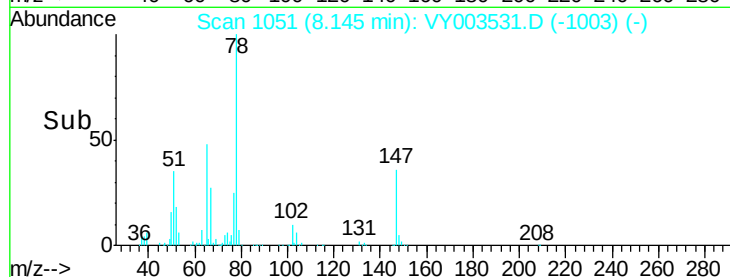
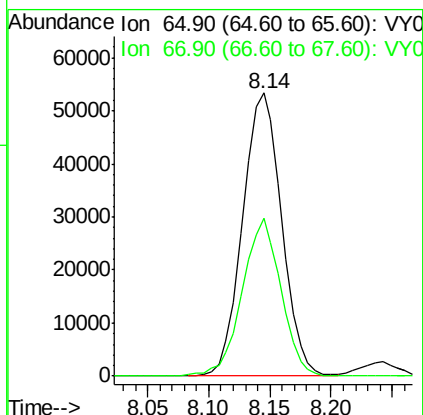
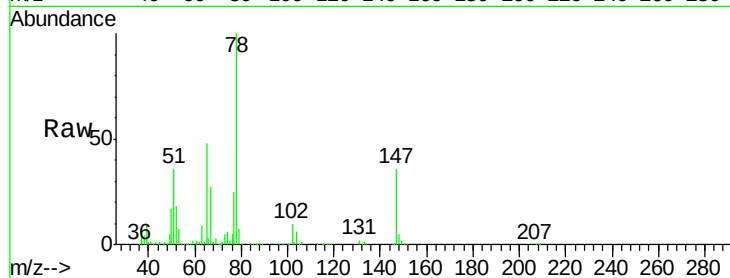




#33
 1,2-Dichloroethane-d4
 Concen: 45.171 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

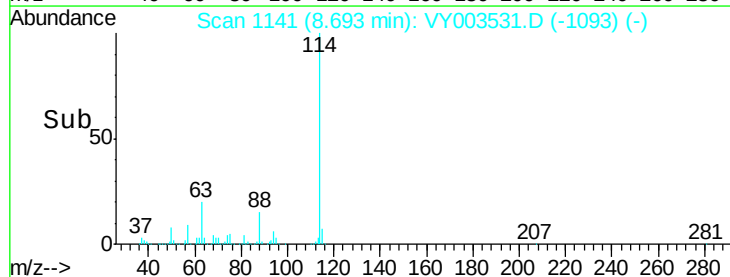
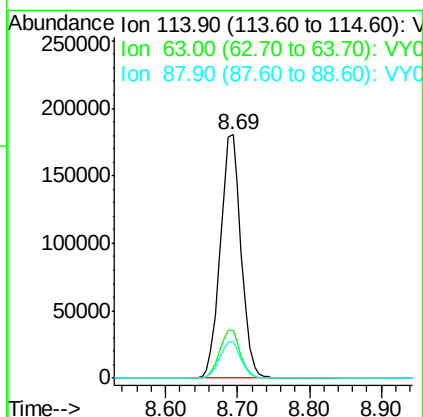
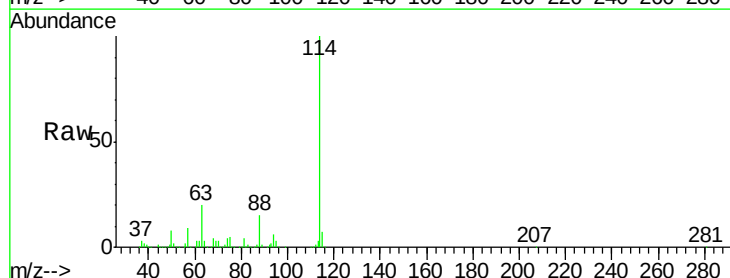
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

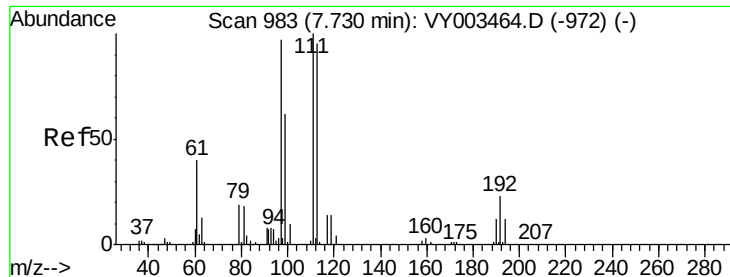
Tot Ion: 65 Resp: 118532
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 114 Resp: 360086
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.056 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

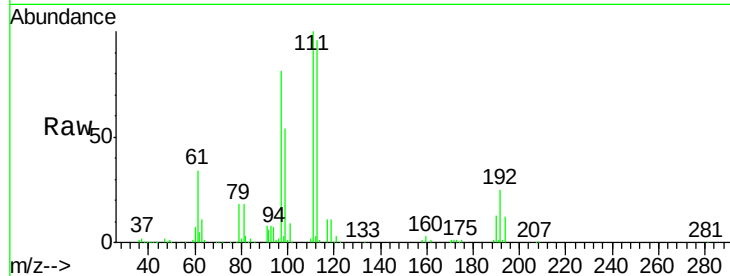
Tot Ion:113 Resp: 109683

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

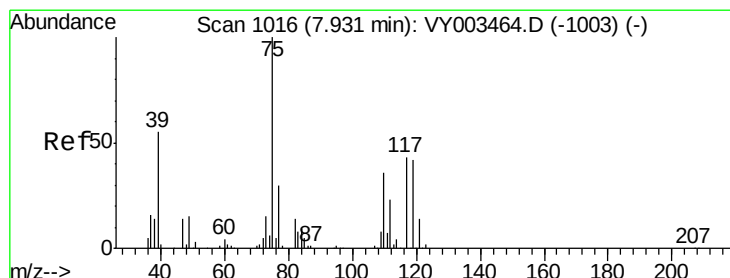
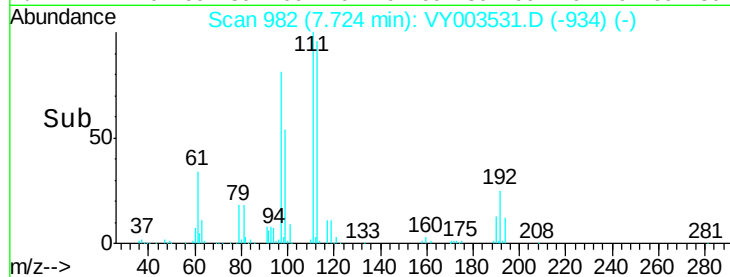
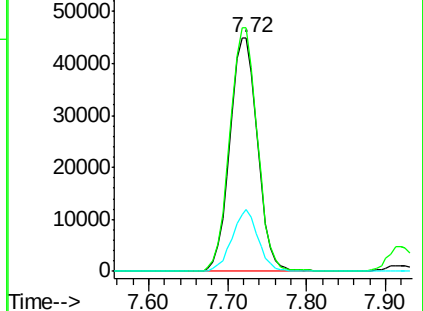
192 24.8 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.002 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

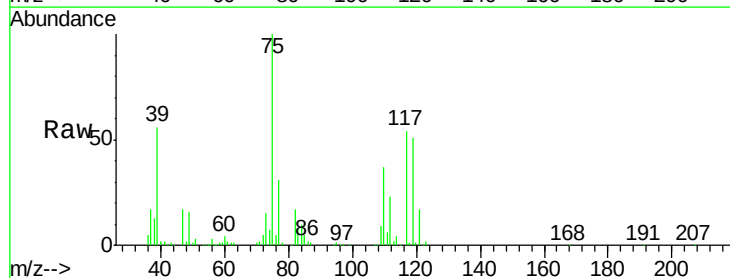
Tgt Ion: 75 Resp: 169759

Ion Ratio Lower Upper

75 100

110 35.7 17.6 52.9

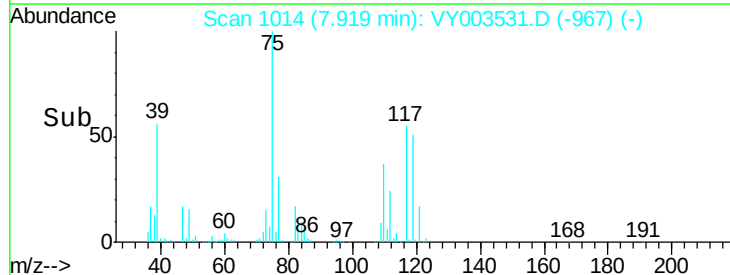
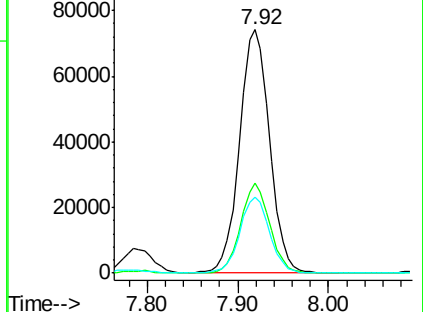
77 31.1 24.7 37.1

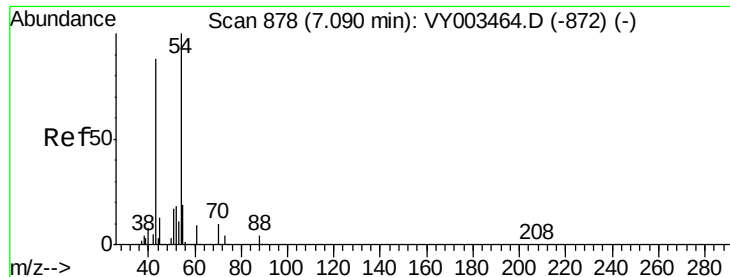


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

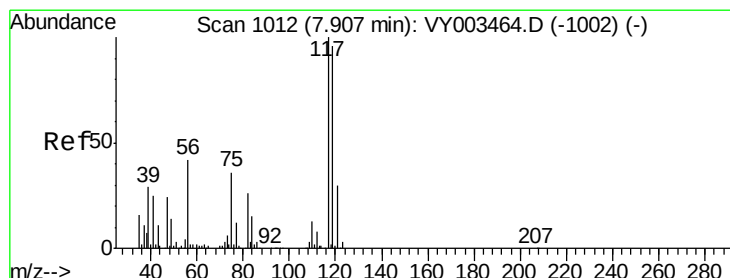
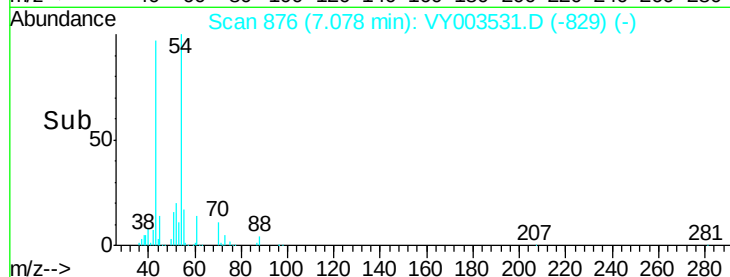
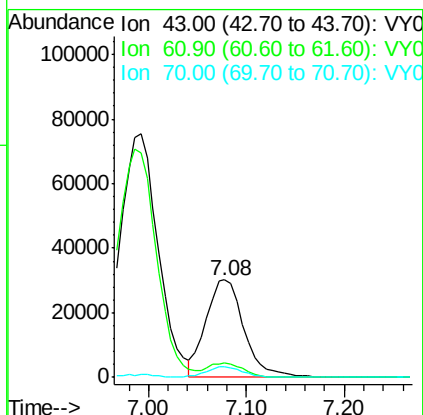
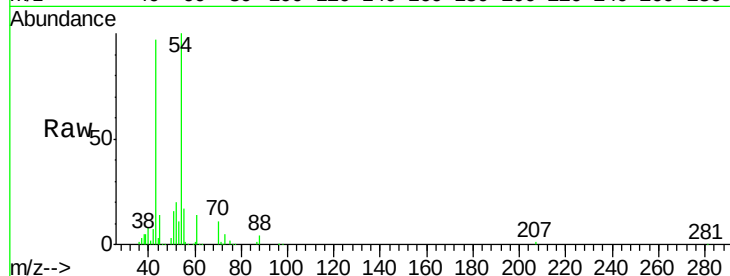




#37
Ethyl Acetate
Concen: 38.420 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

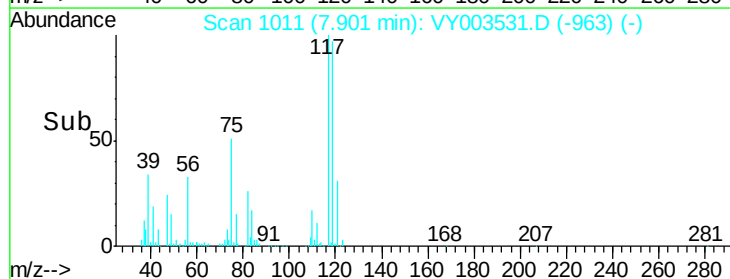
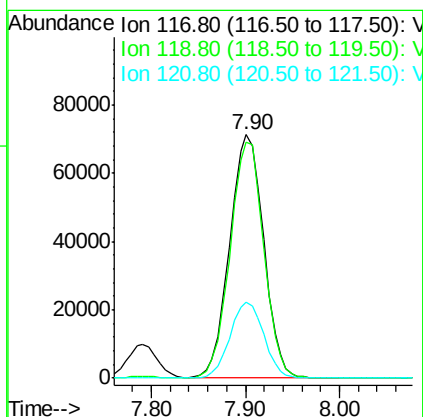
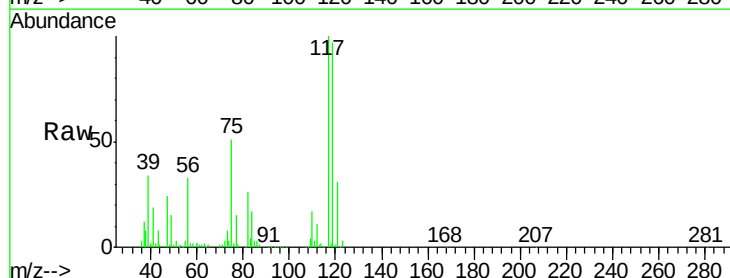
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

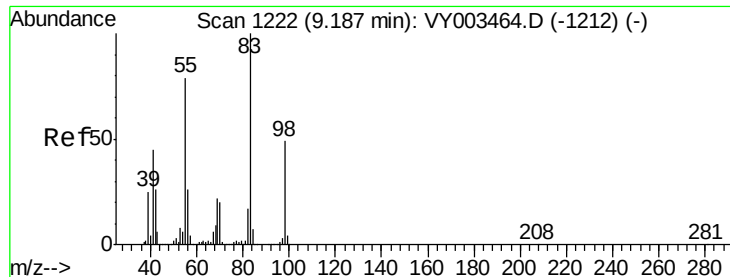
Tot Ion: 43 Resp: 80996
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 10.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.766 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion: 117 Resp: 178801
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.4
121 31.1 24.2 36.4

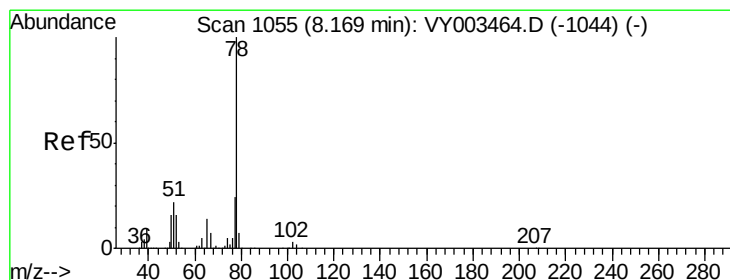
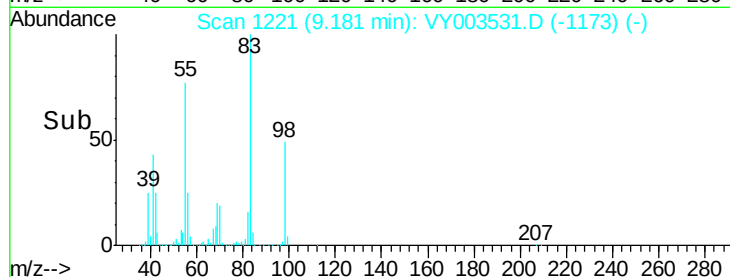
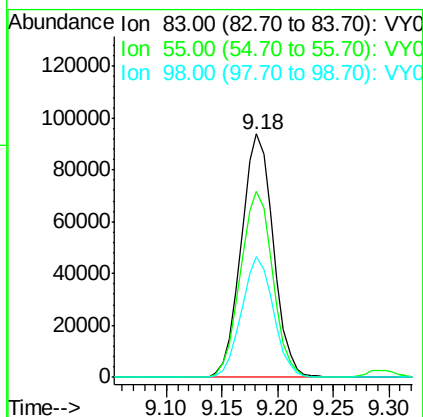
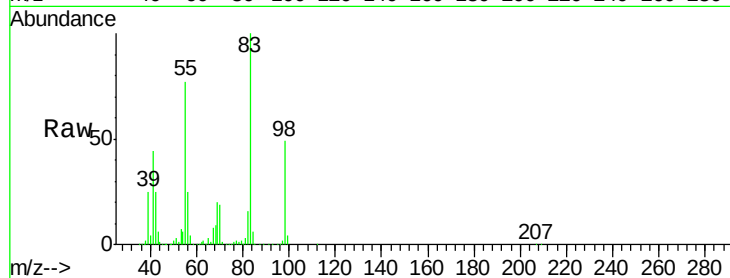




#39
Methylvlcyclohexane
Concen: 49.839 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

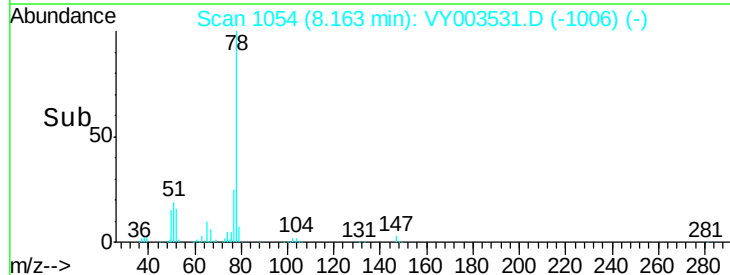
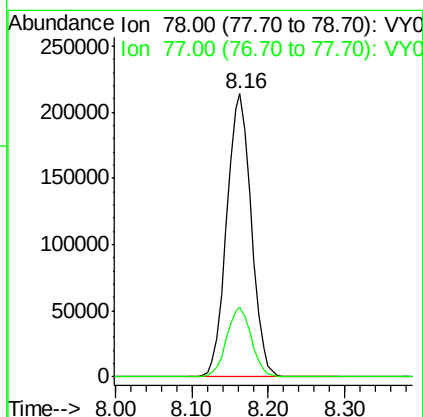
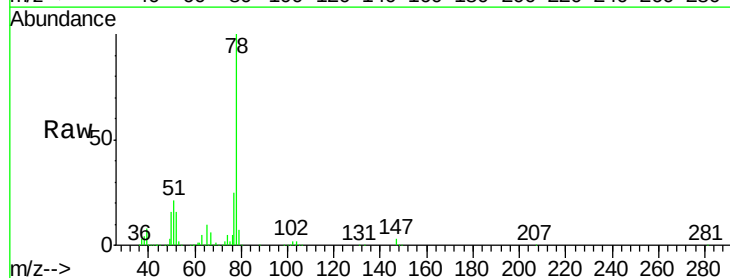
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

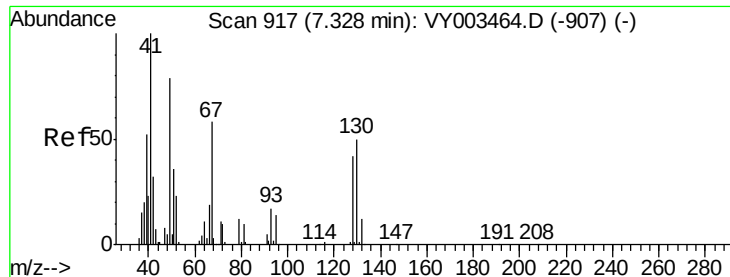
Tot Ion: 83 Resp: 188407
Ion Ratio Lower Upper
83 100
55 76.6 63.5 95.3
98 49.3 39.4 59.2



#40
Benzene
Concen: 50.300 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion: 78 Resp: 475244
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#41

Methacrylonitrile

Concen: 94.392 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.02 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 106265

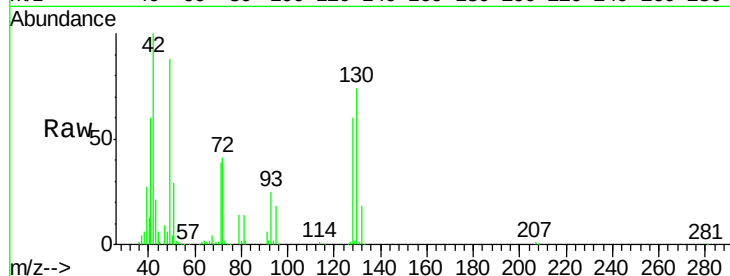
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

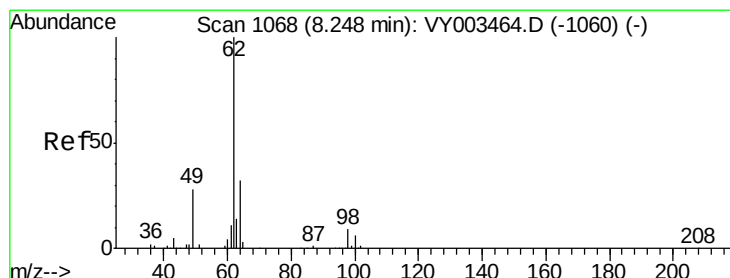
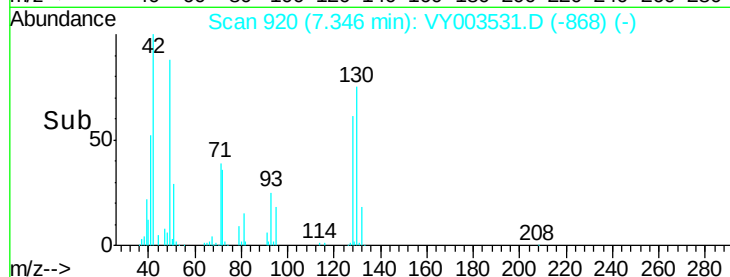
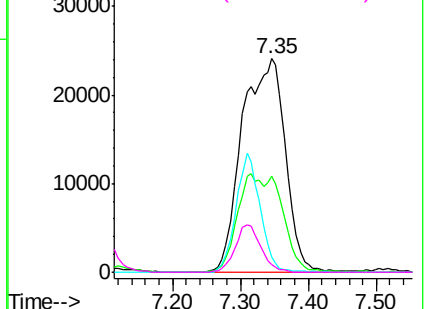


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 47.745 ug/l

RT: 8.24 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VY003531.D

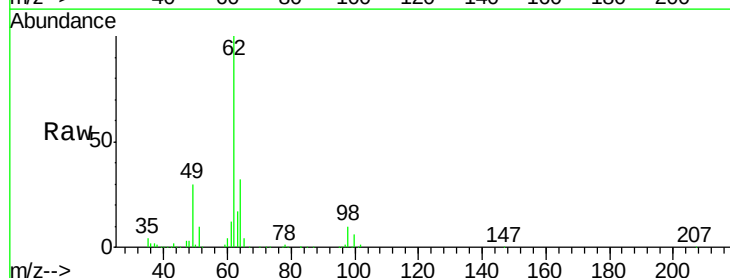
Acq: 12 Nov 2020 16:23

Tgt Ion: 62 Resp: 141346

Ion Ratio Lower Upper

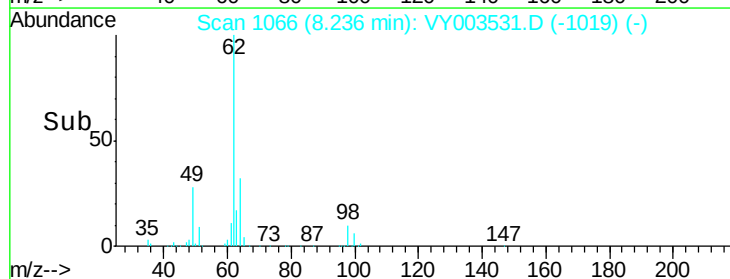
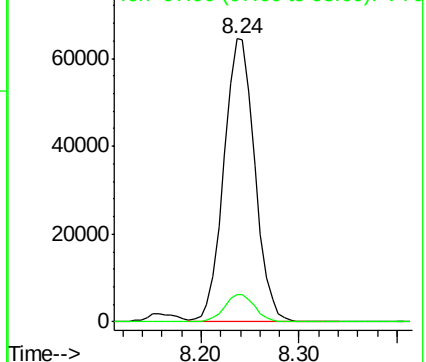
62 100

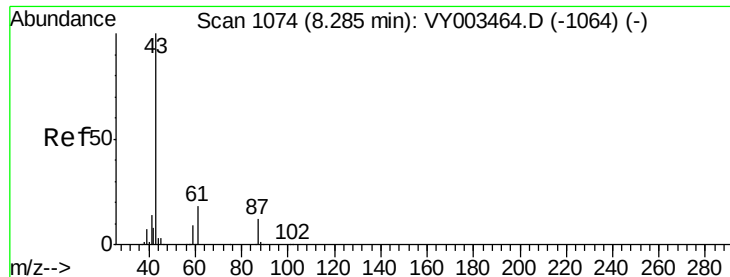
98 9.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 41.485 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

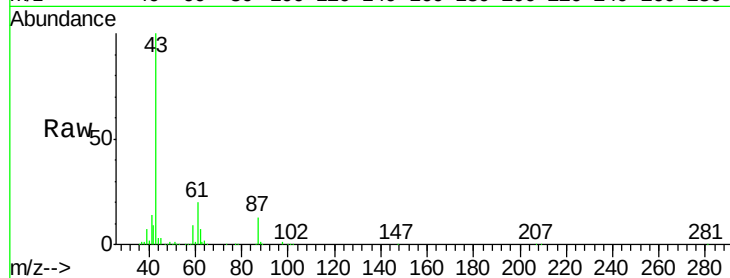
Tot Ion: 43 Resp: 157178

Ion Ratio Lower Upper

43 100

61 29.4 21.9 32.9

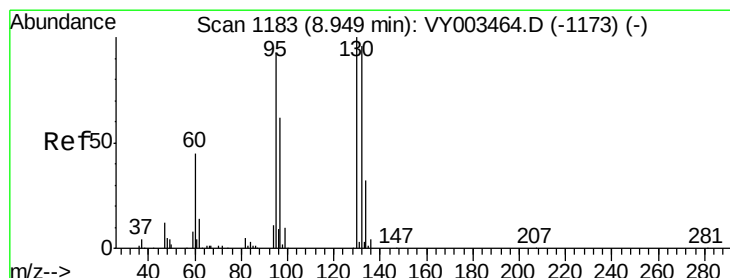
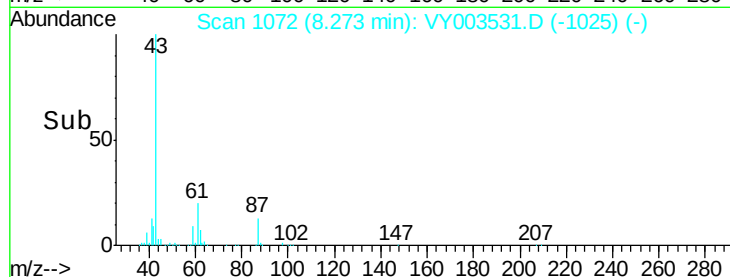
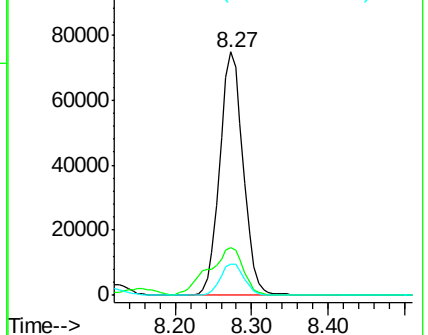
87 13.2 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003531.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY003531.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY003531.D (-1025) (-)



#44

Trichloroethene

Concen: 51.616 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003531.D

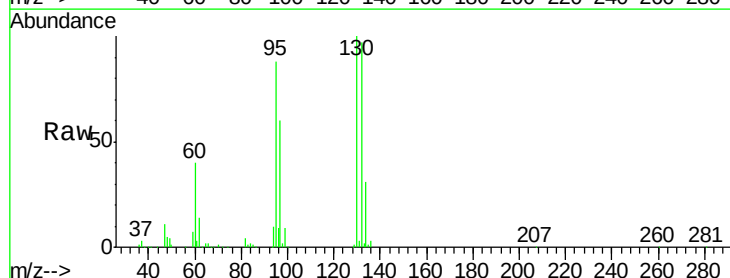
Acq: 12 Nov 2020 16:23

Tgt Ion:130 Resp: 136905

Ion Ratio Lower Upper

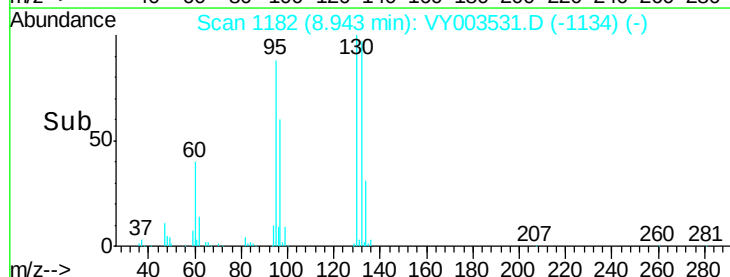
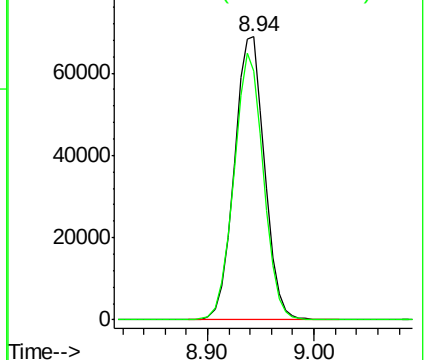
130 100

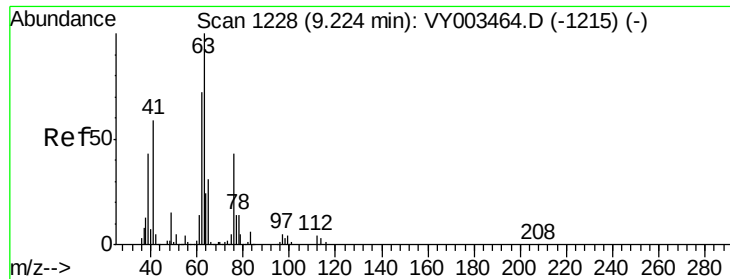
95 87.7 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003531.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY003531.D (-1134) (-)

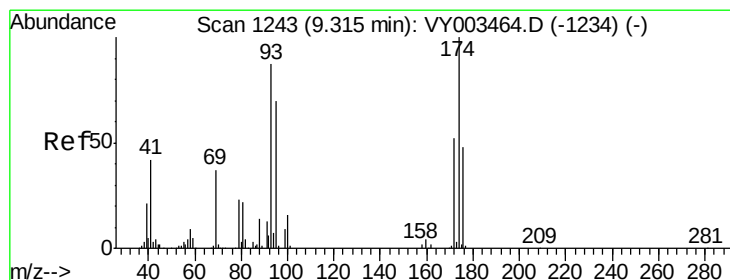
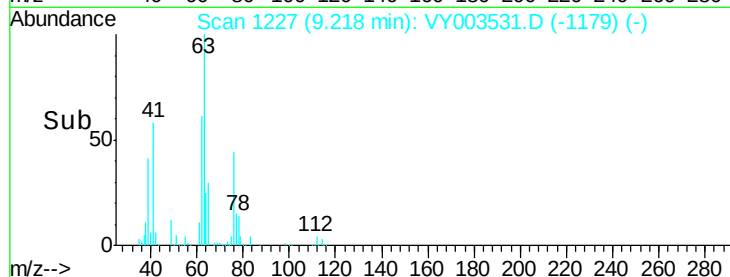
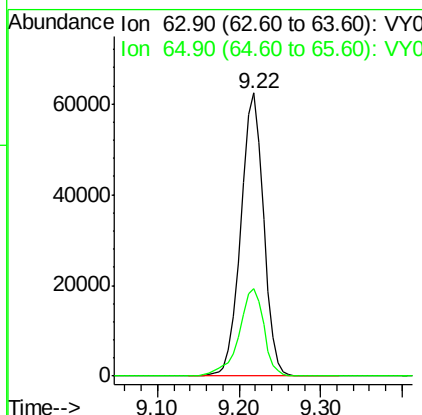
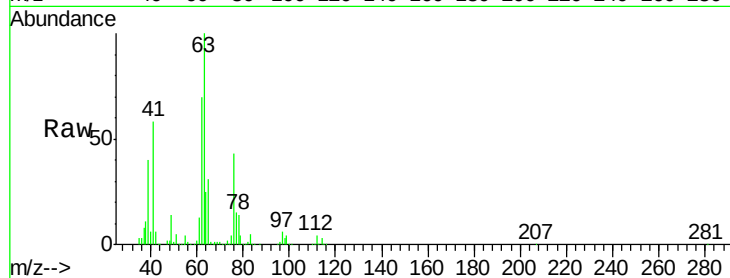




#45
 1,2-Dichloropropane
 Concen: 50.390 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

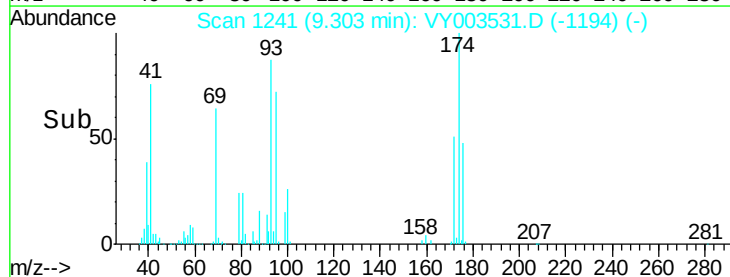
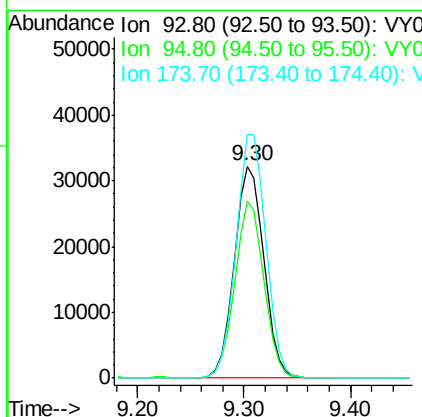
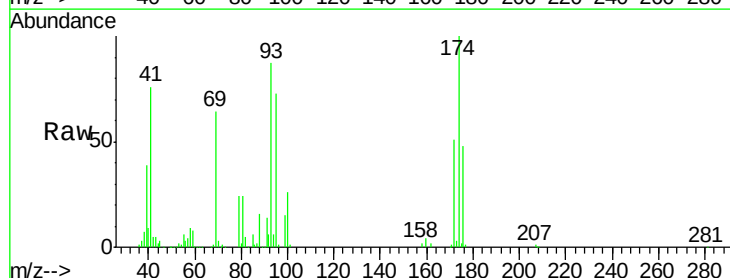
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

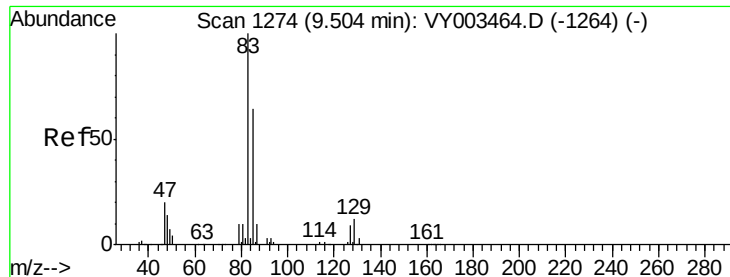
Tot Ion: 63 Resp: 120230
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 47.879 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 93 Resp: 62849
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.0 97.6
 174 116.4 91.8 137.6





#47

Bromodichloromethane

Concen: 51.383 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

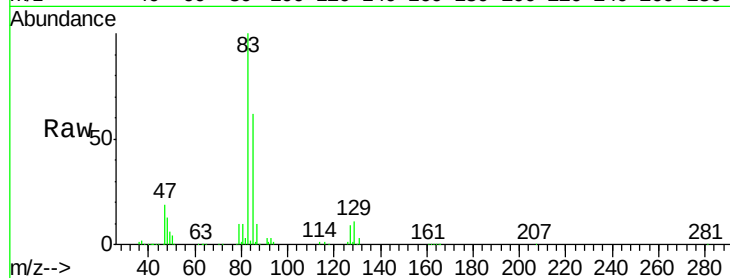
Tot Ion: 83 Resp: 165087

Ion Ratio Lower Upper

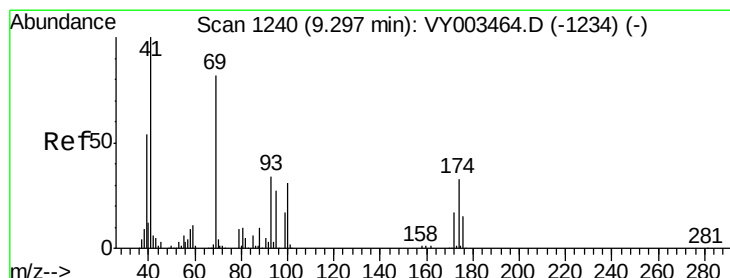
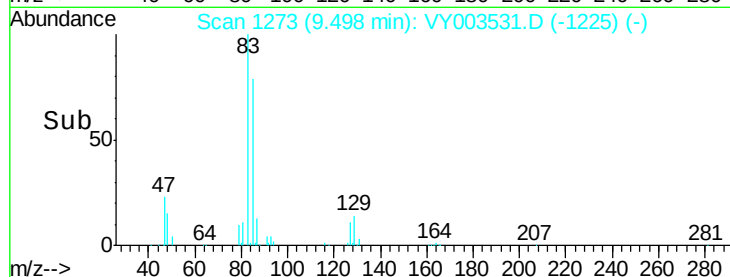
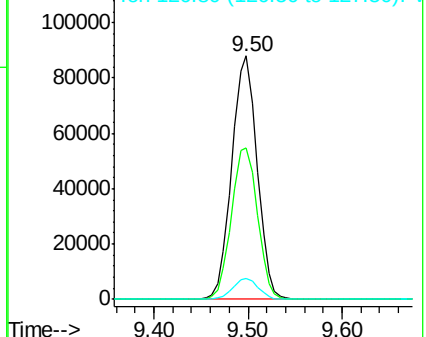
83 100

85 62.4 51.0 76.6

127 8.6 7.1 10.7



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



#48

Methyl methacrylate

Concen: 42.197 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

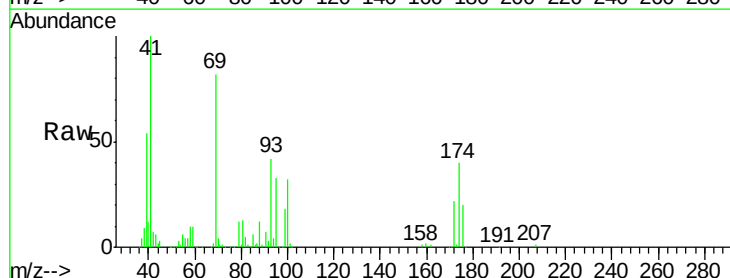
Tgt Ion: 41 Resp: 75310

Ion Ratio Lower Upper

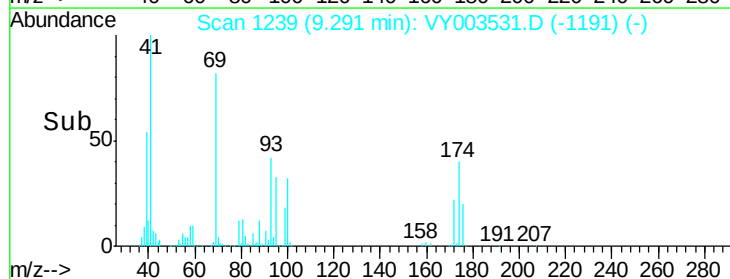
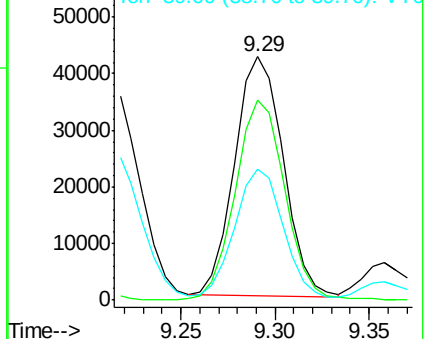
41 100

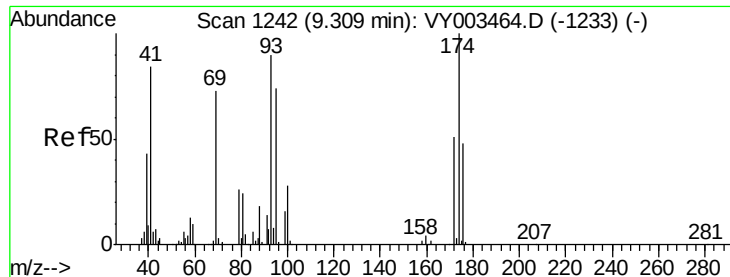
69 85.9 65.9 98.9

39 55.7 43.2 64.8



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





#49

1,4-Dioxane

Concen: 852.012 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

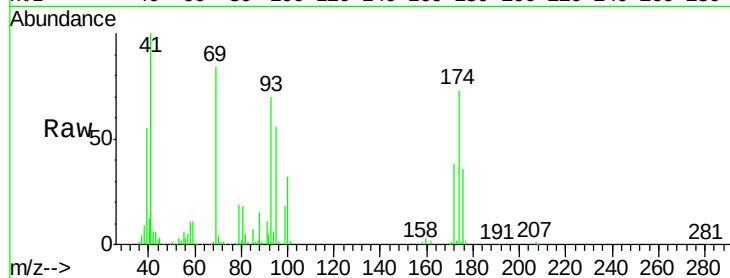
Tot Ion: 88 Resp: 13955

Ion Ratio Lower Upper

88 100

43 38.0 27.6 41.4

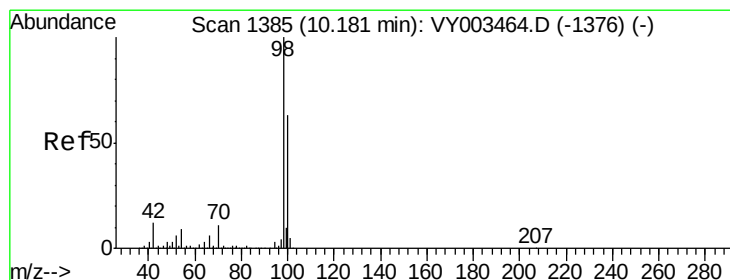
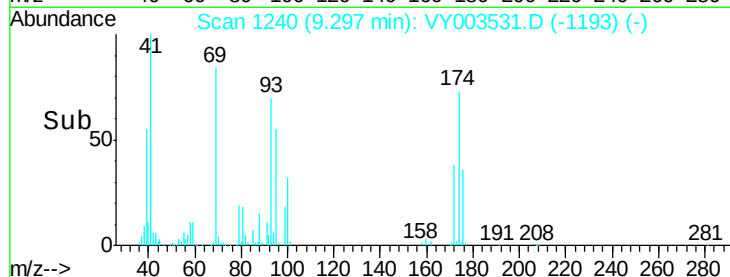
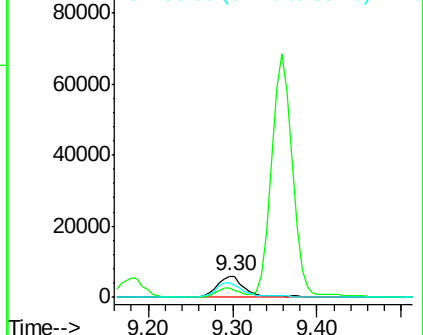
58 65.0 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 48.659 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003531.D

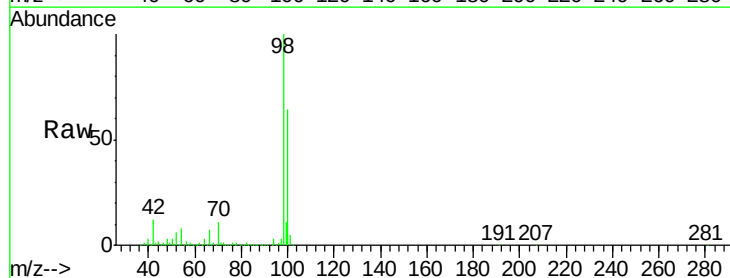
Acq: 12 Nov 2020 16:23

Tgt Ion: 98 Resp: 443559

Ion Ratio Lower Upper

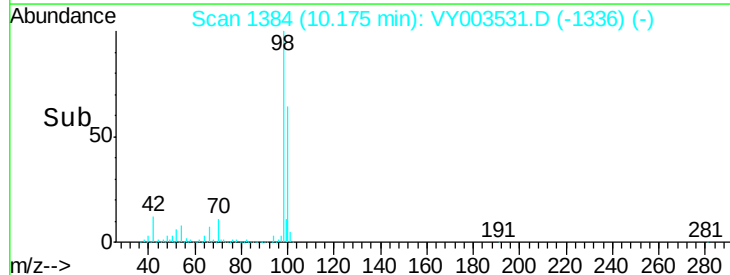
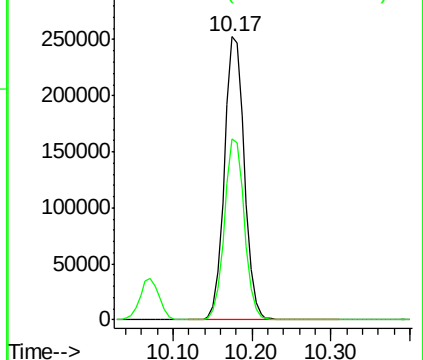
98 100

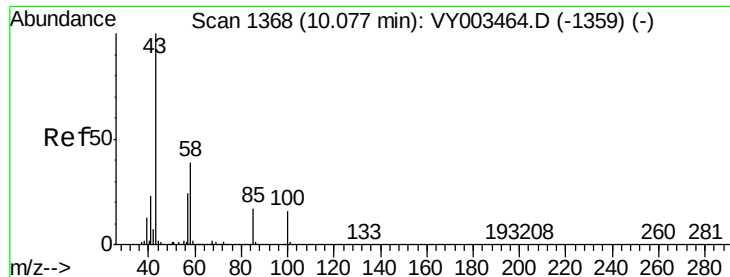
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 201.318 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

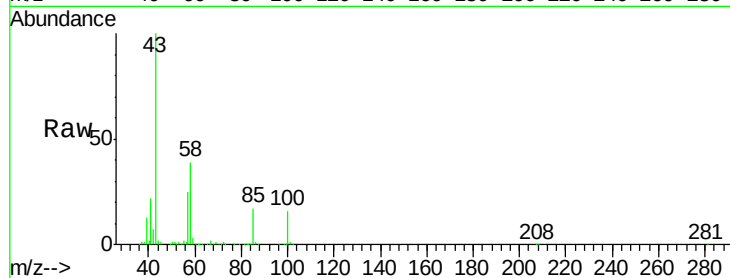
VSTDCCC050EC

Tot Ion: 43 Resp: 406391

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY003464.D (-1359) (-)

10.07

250000

200000

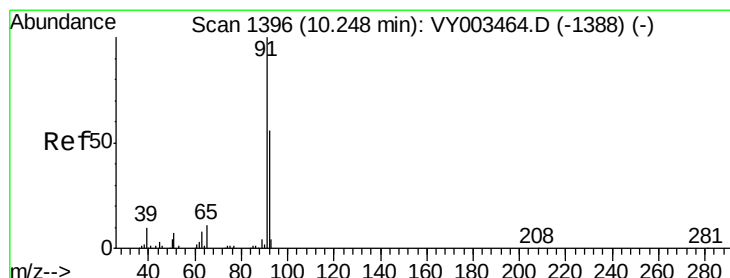
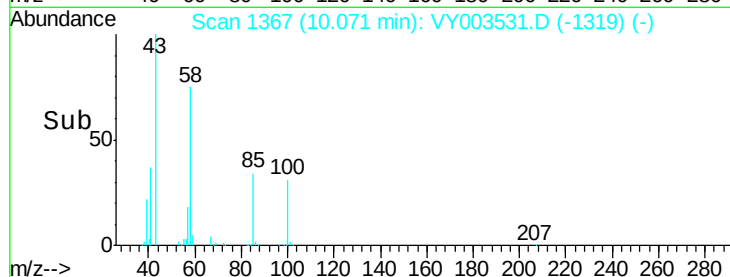
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.517 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003531.D

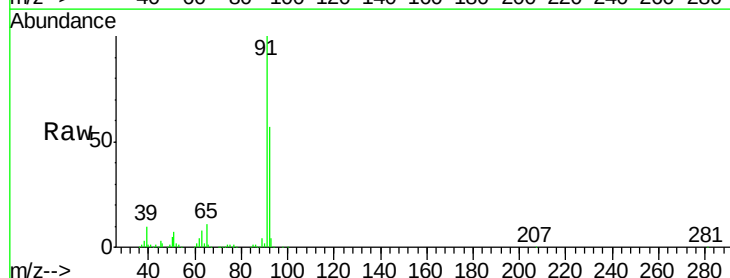
Acq: 12 Nov 2020 16:23

Tgt Ion: 92 Resp: 304435

Ion Ratio Lower Upper

92 100

91 174.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY003464.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY003464.D (-1388) (-)

10.24

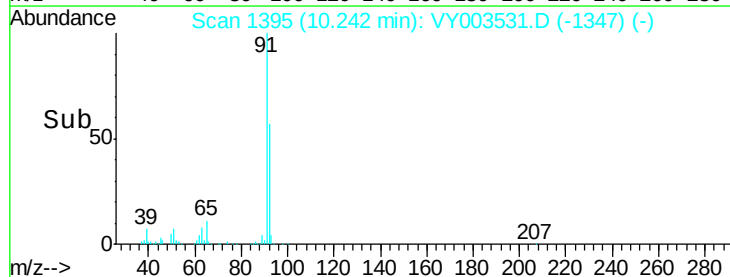
300000

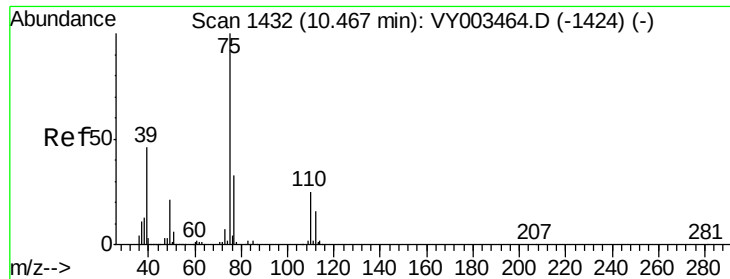
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.134 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

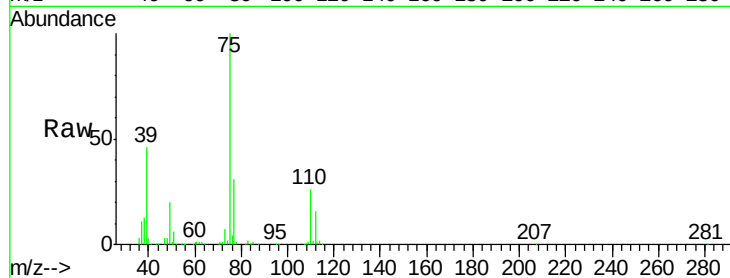
VSTDCCC050EC

Tot Ion: 75 Resp: 167995

Ion Ratio Lower Upper

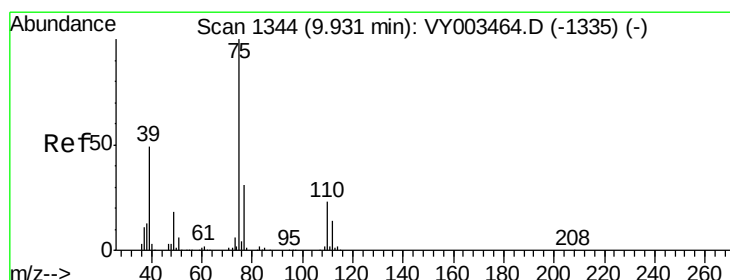
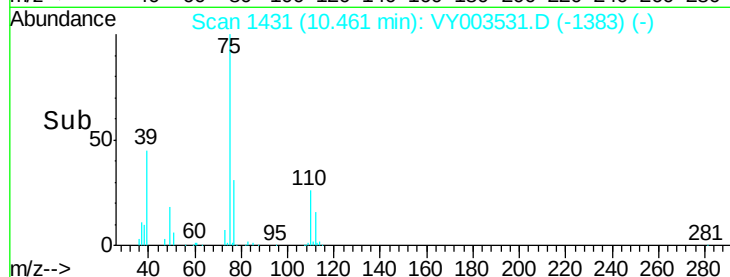
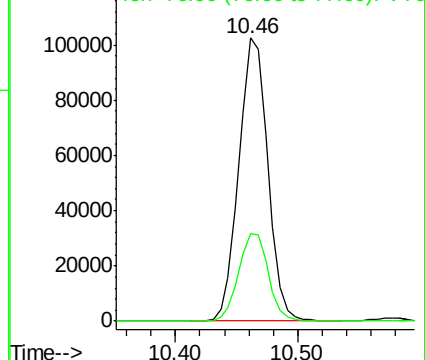
75 100

77 31.0 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.711 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

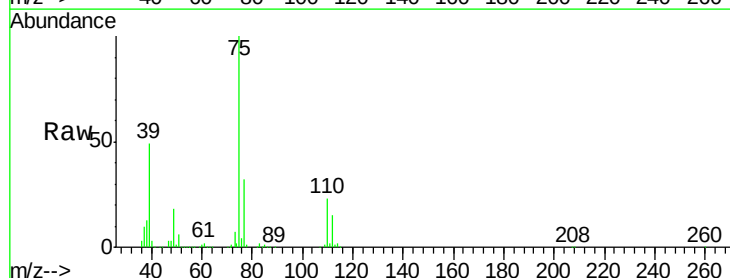
Tgt Ion: 75 Resp: 195113

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

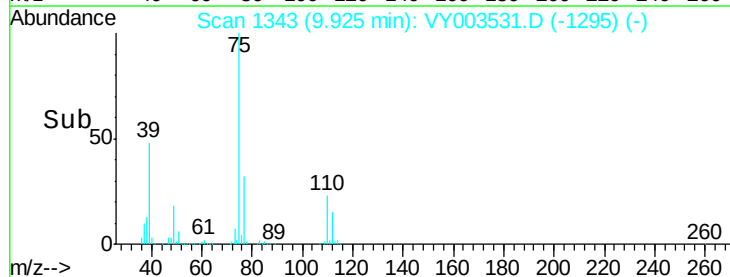
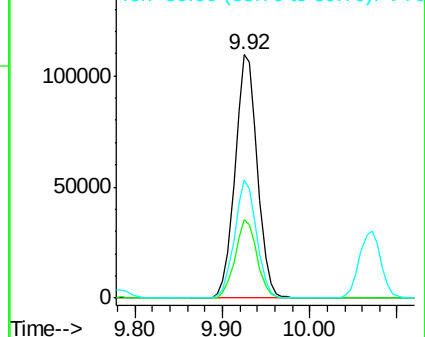
39 48.4 39.0 58.4

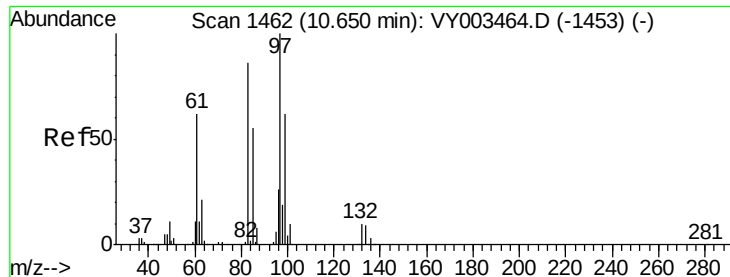


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

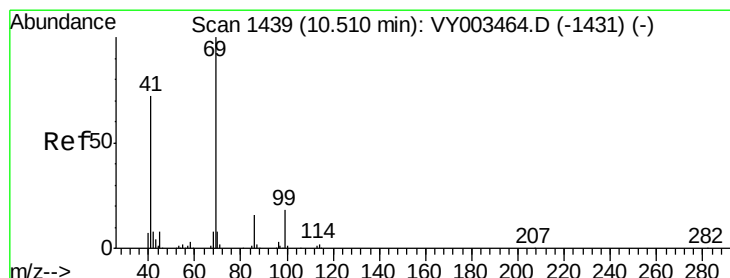
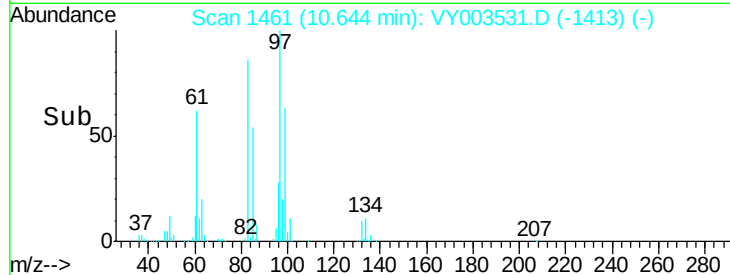
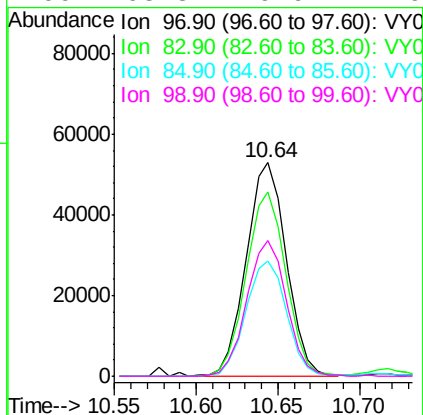
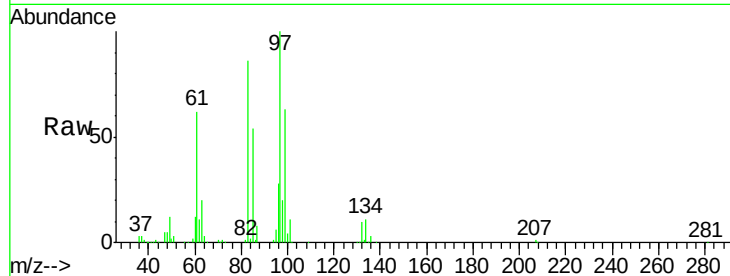




#55
 1,1,2-Trichloroethane
 Concen: 48.808 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

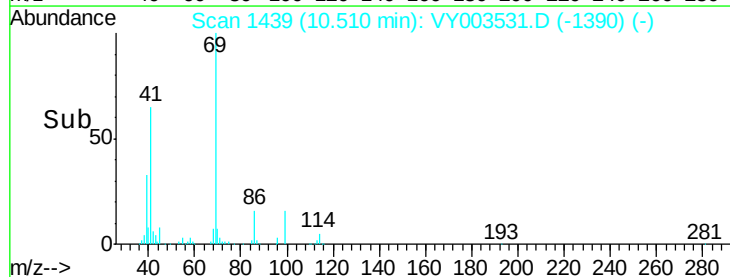
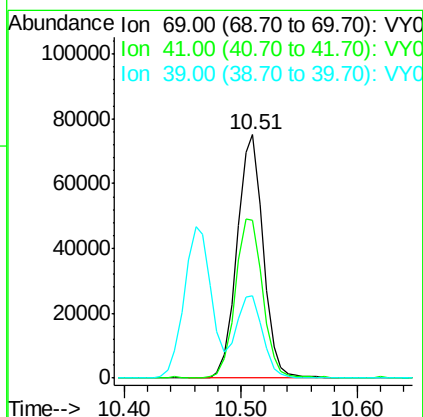
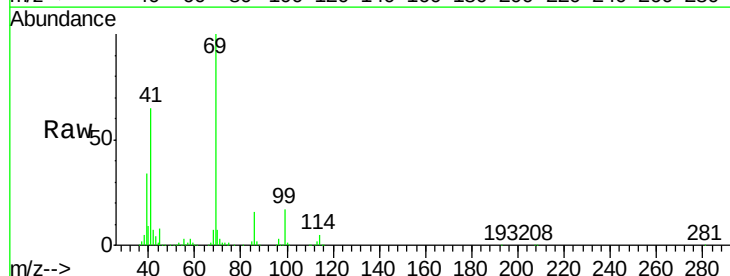
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

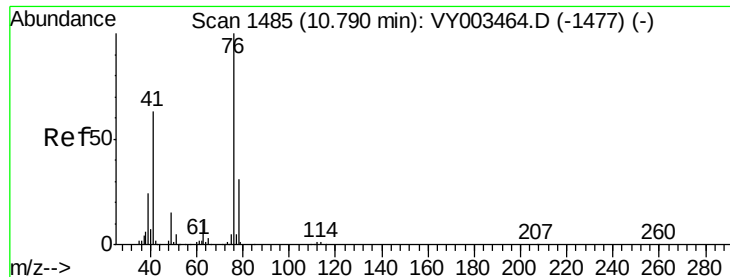
Tot Ion: 97 Resp: 90949
 Ion Ratio Lower Upper
 97 100
 83 86.1 68.6 102.8
 85 54.2 43.8 65.6
 99 63.3 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 47.022 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 69 Resp: 117362
 Ion Ratio Lower Upper
 69 100
 41 68.1 55.4 83.2
 39 34.7 28.7 43.1





#57

1,3-Dichloropropane

Concen: 48.886 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

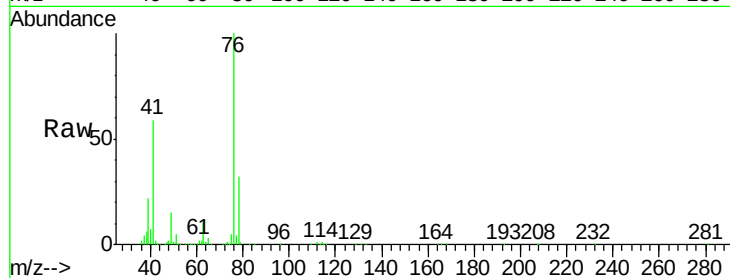
VSTDCCC050EC

Tot Ion: 76 Resp: 158398

Ion Ratio Lower Upper

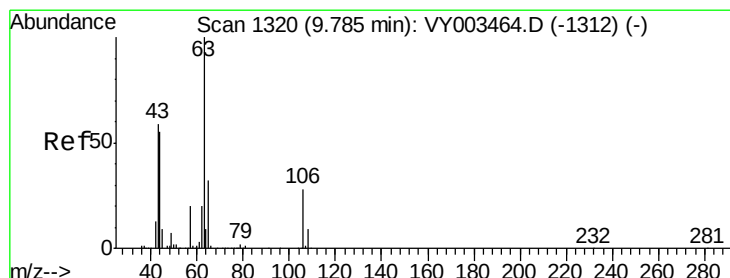
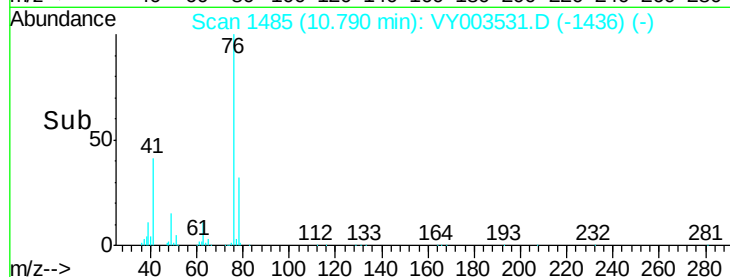
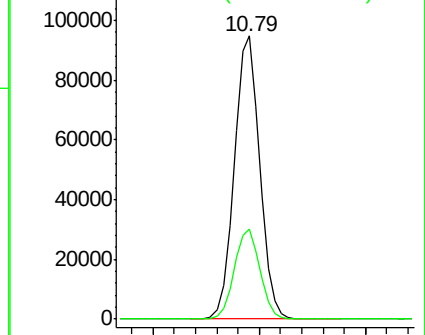
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 239.940 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003531.D

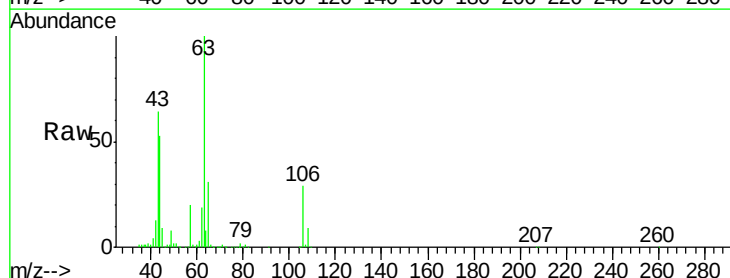
Acq: 12 Nov 2020 16:23

Tgt Ion: 63 Resp: 303589

Ion Ratio Lower Upper

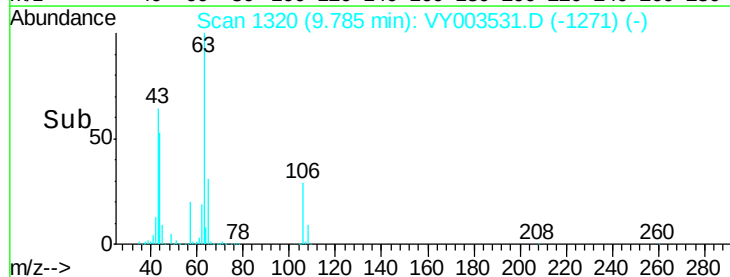
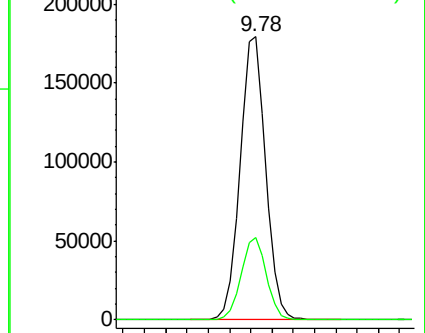
63 100

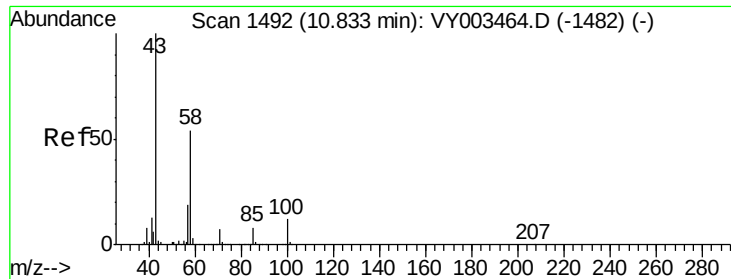
106 28.5 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

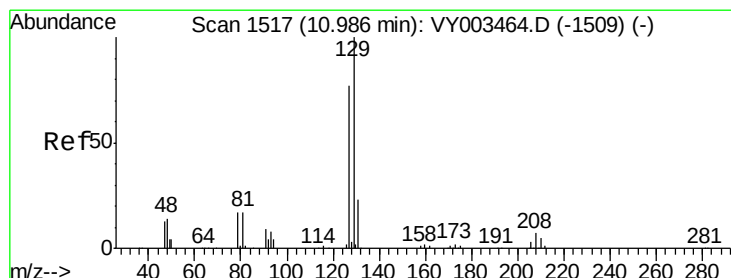
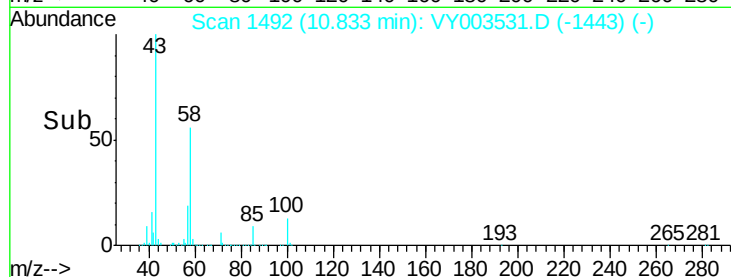
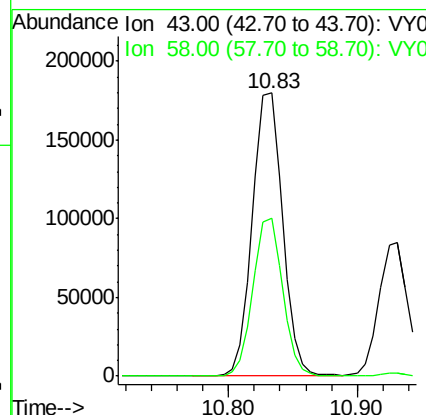
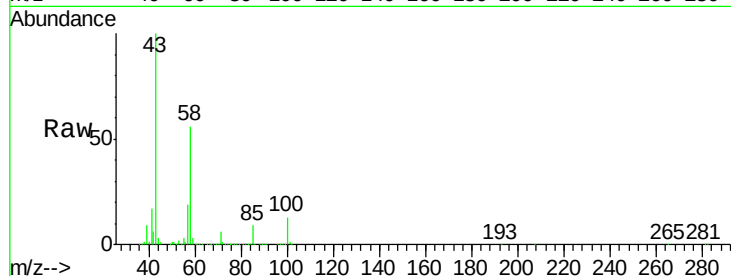




#59
2-Hexanone
Concen: 195.250 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

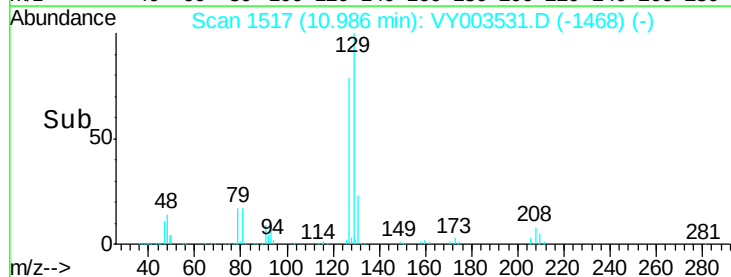
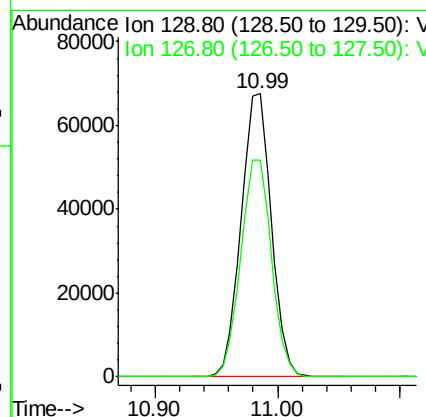
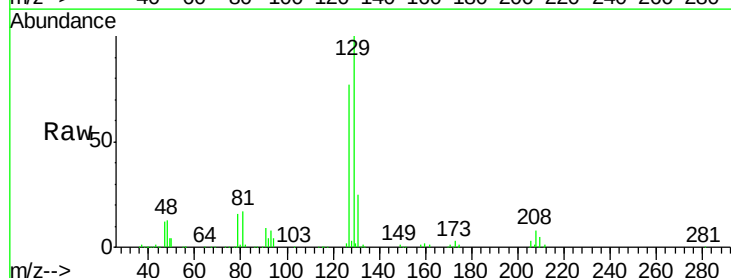
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

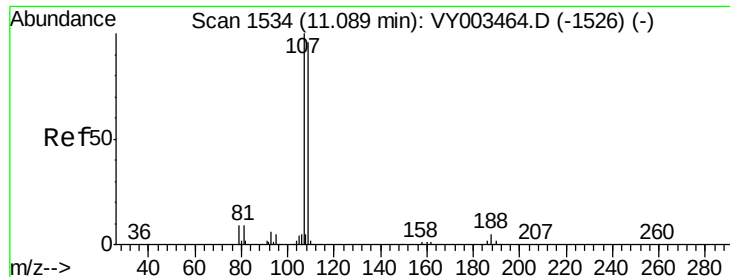
Tot Ion: 43 Resp: 291825
Ion Ratio Lower Upper
43 100
58 54.7 26.8 80.3



#60
Dibromochloromethane
Concen: 50.558 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion: 129 Resp: 115790
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3

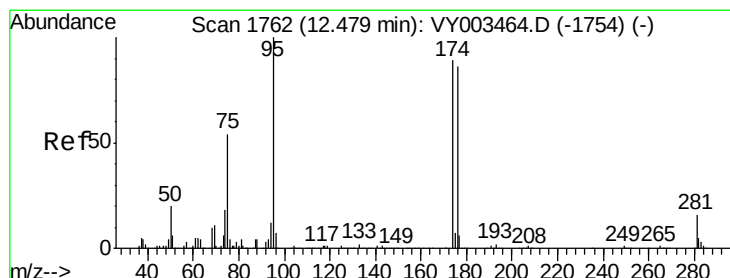
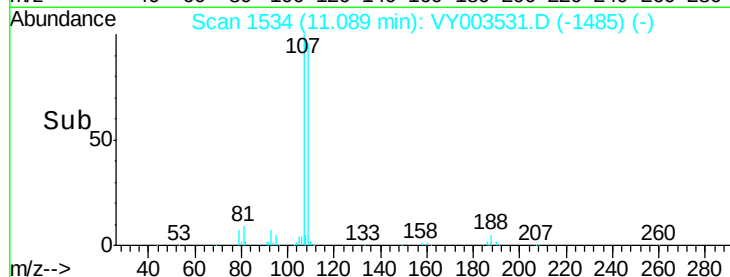
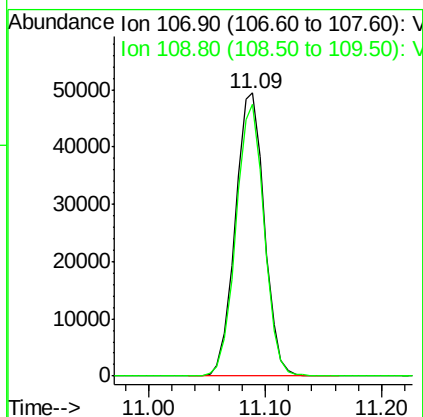
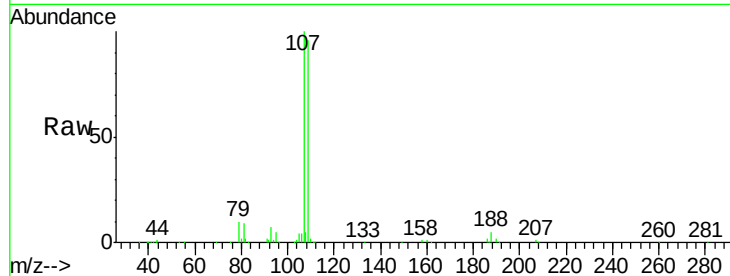




#61
 1,2-Dibromoethane
 Concen: 47.685 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

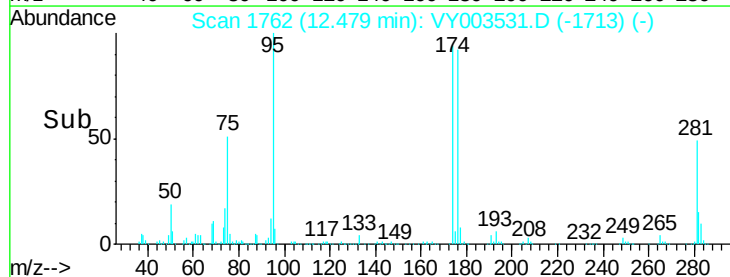
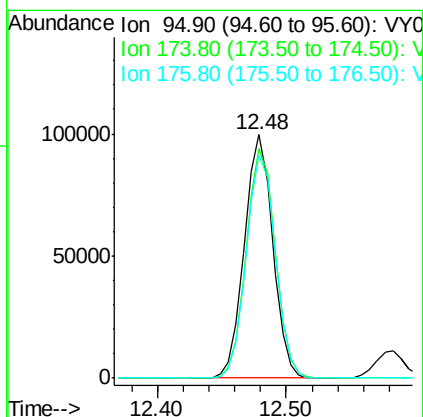
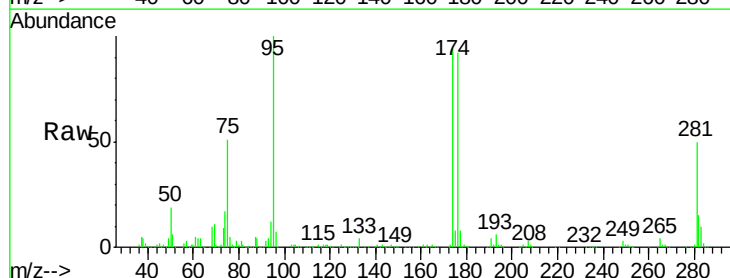
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

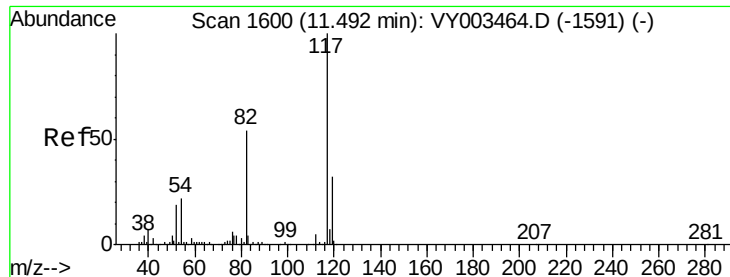
Tot Ion: 107 Resp: 85783
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.030 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 95 Resp: 151104
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 193.0
 176 94.1 0.0 187.4

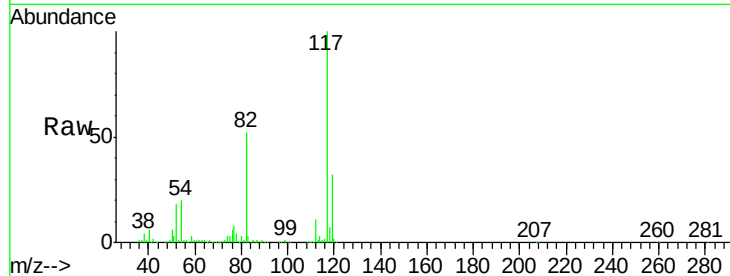




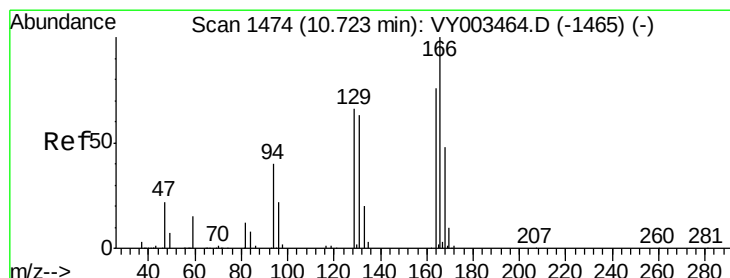
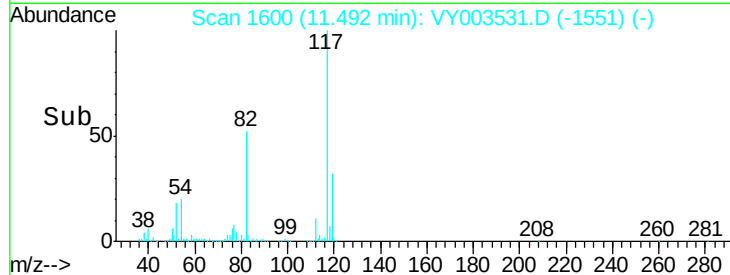
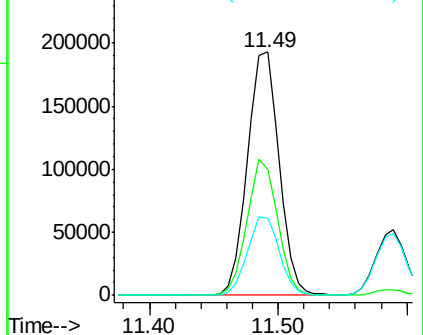
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 326369
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.2
119 31.7 25.8 38.6

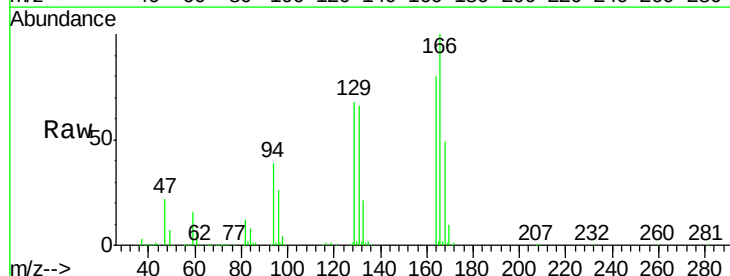


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

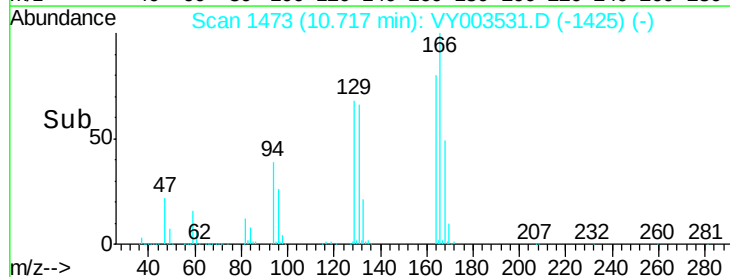
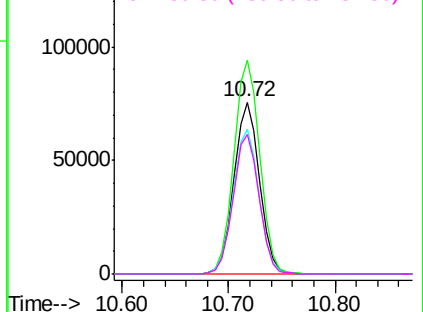


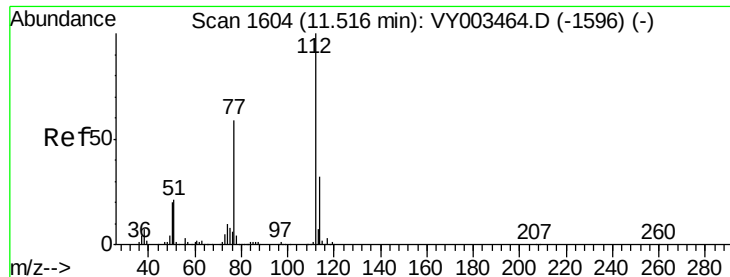
#64
Tetrachloroethene
Concen: 52.249 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion:164 Resp: 127351
Ion Ratio Lower Upper
164 100
166 124.3 104.9 157.3
129 84.1 68.9 103.3
131 81.5 66.2 99.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

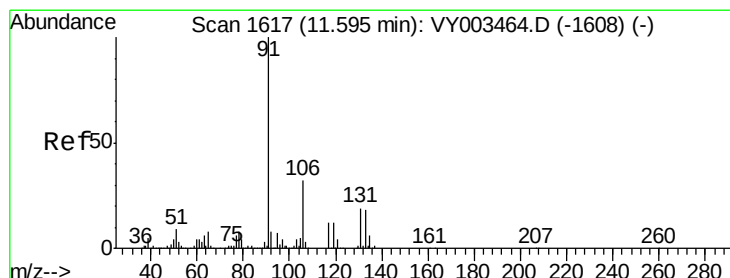
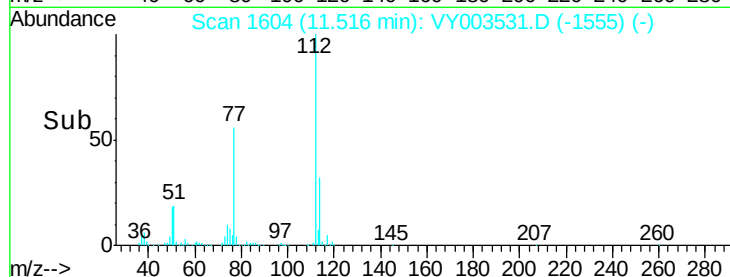
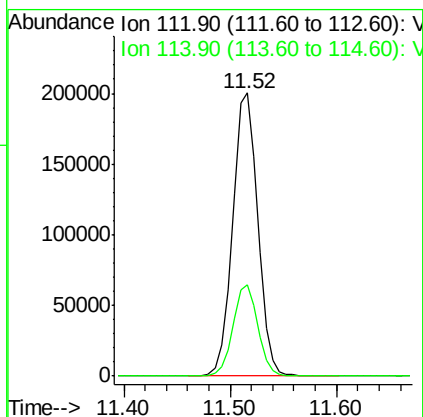
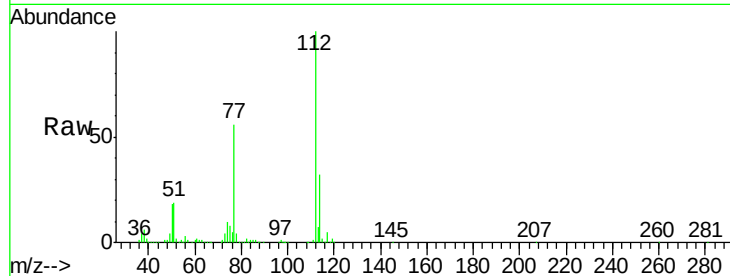




#65
Chlorobenzene
Concen: 52.283 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

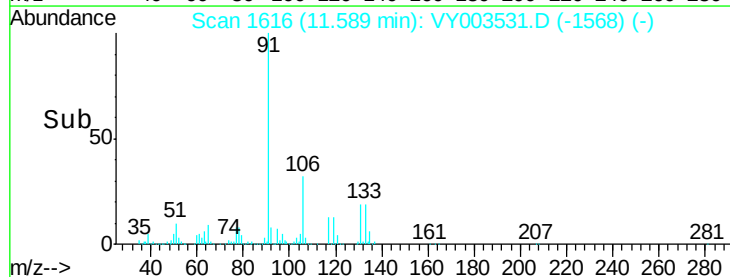
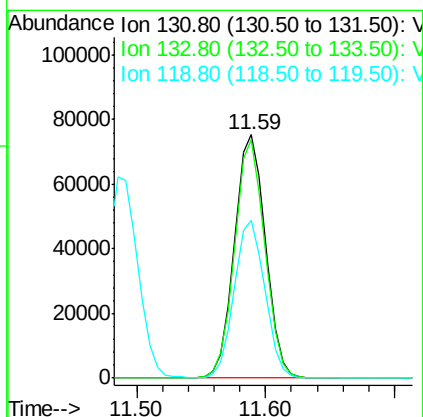
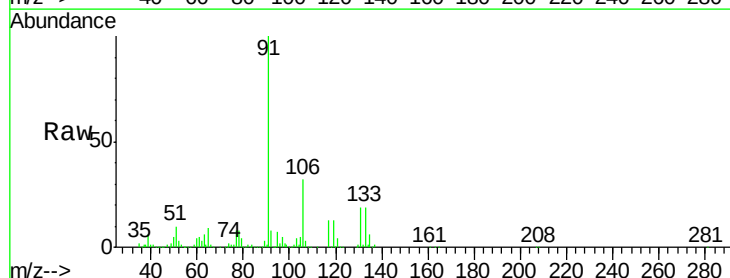
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

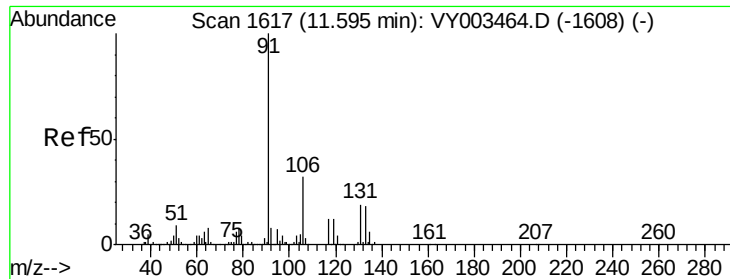
Tot Ion:112 Resp: 331501
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.566 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion:131 Resp: 125695
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 64.5 31.6 95.0





#67

Ethyl Benzene

Concen: 52.494 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

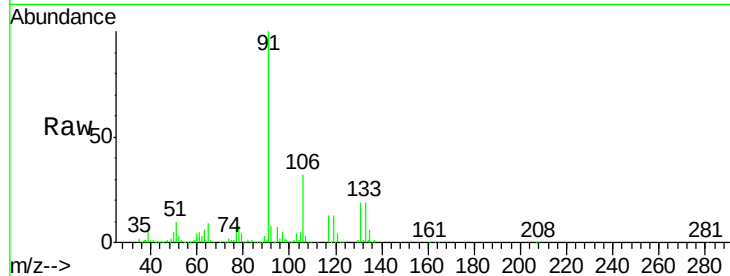
VSTDCCC050EC

Tot Ion: 91 Resp: 603539

Ion Ratio Lower Upper

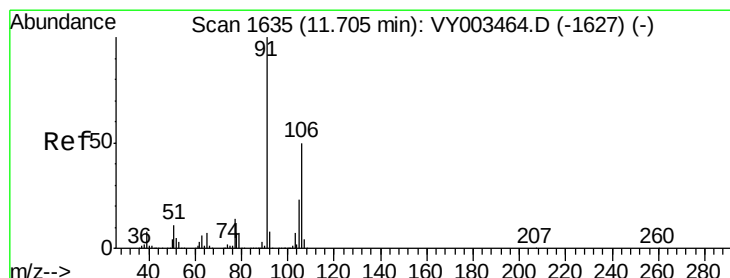
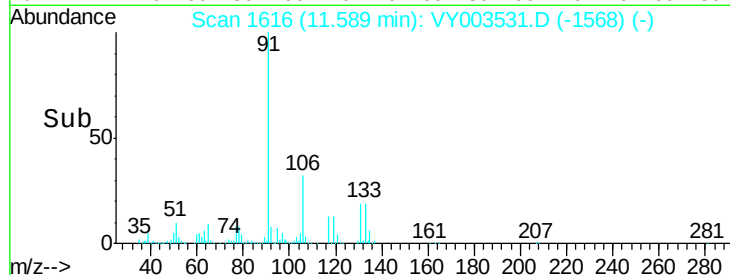
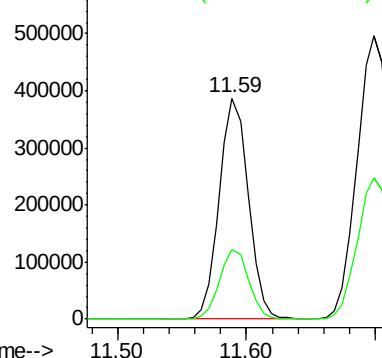
91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.045 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003531.D

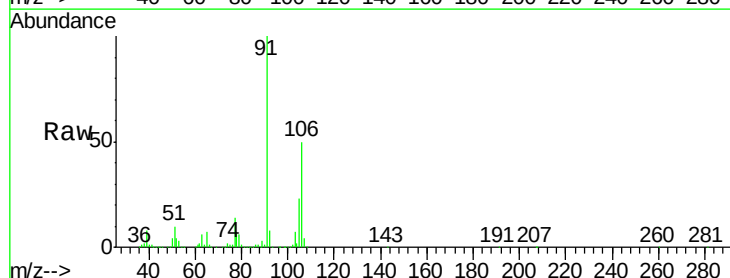
Acq: 12 Nov 2020 16:23

Tgt Ion: 106 Resp: 457673

Ion Ratio Lower Upper

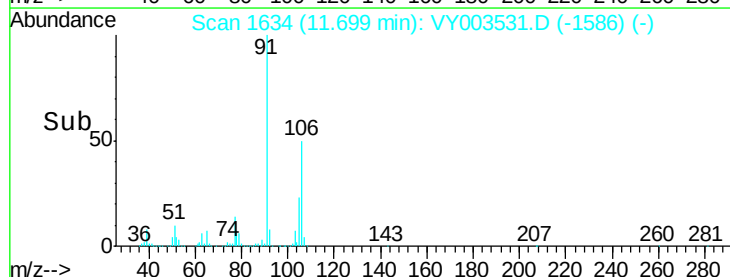
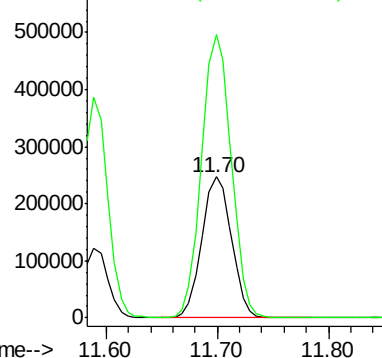
106 100

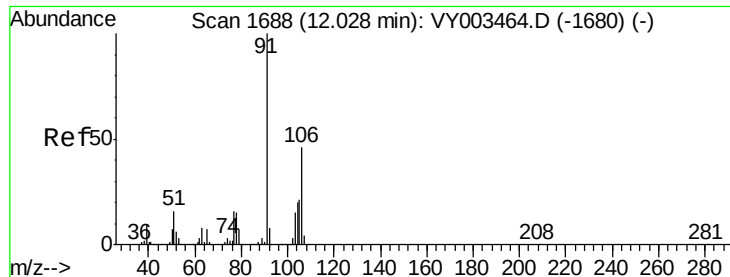
91 200.5 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

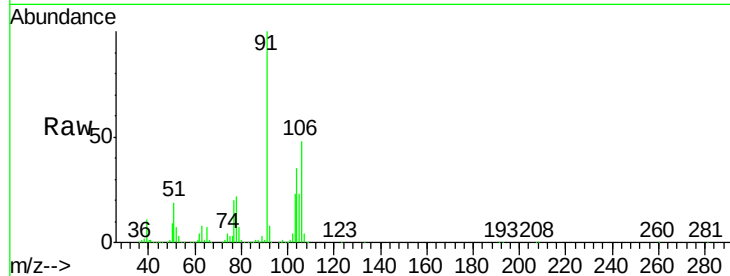




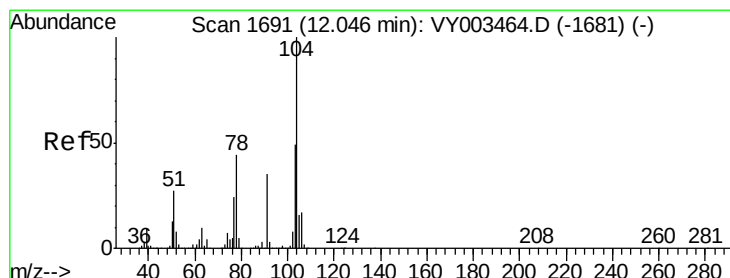
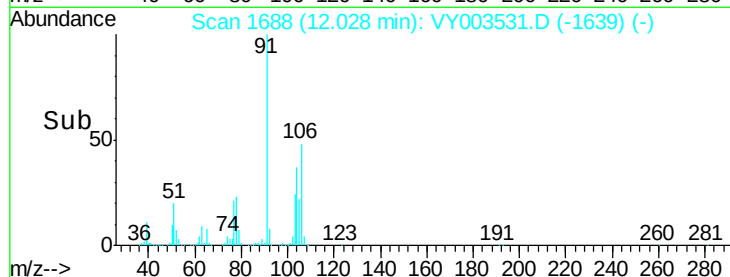
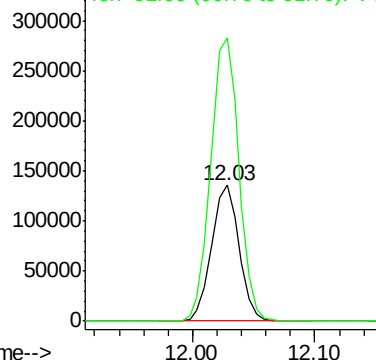
#69
o-Xylene
Concen: 52.920 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 212094
Ion Ratio Lower Upper
106 100
91 212.8 105.5 316.5

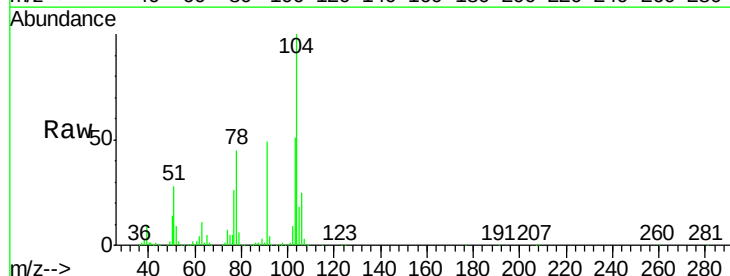


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

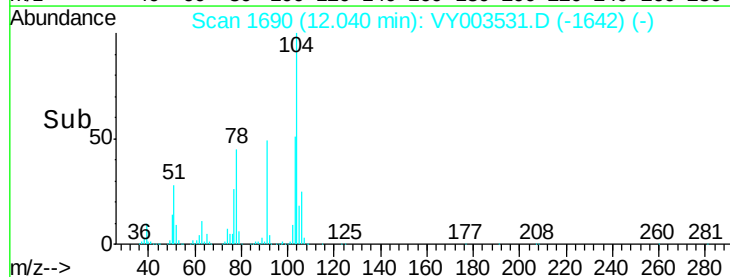
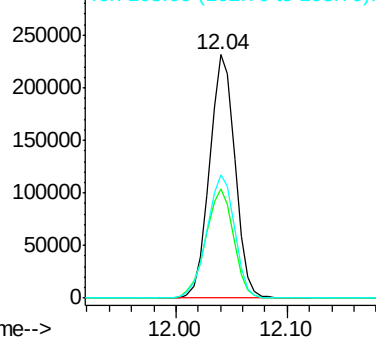


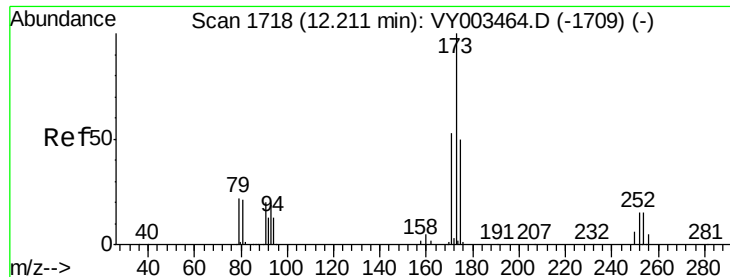
#70
Styrene
Concen: 53.644 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion:104 Resp: 365047
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 55.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.159 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

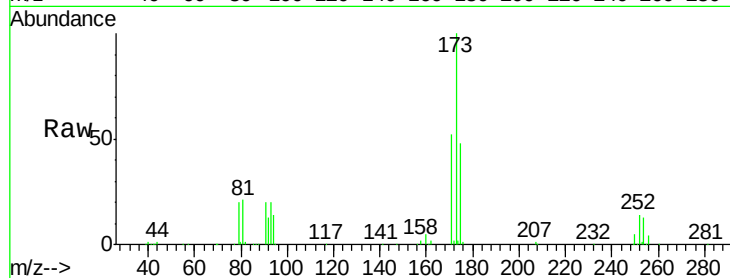
Tot Ion:173 Resp: 76757

Ion Ratio Lower Upper

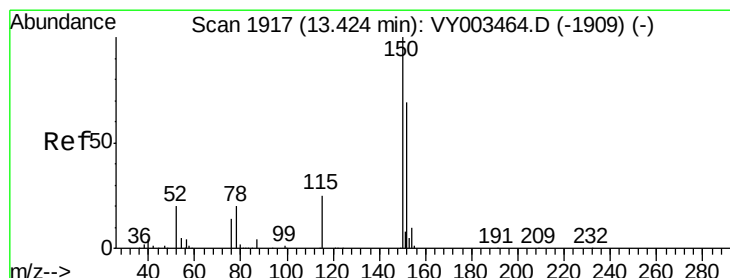
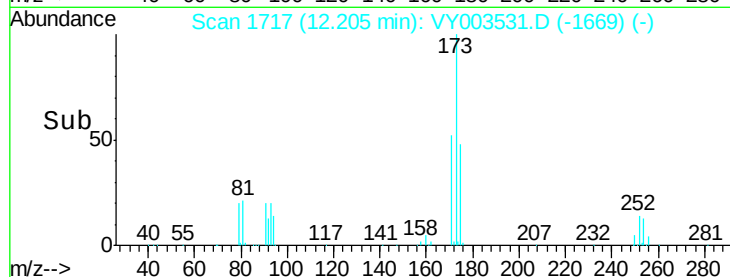
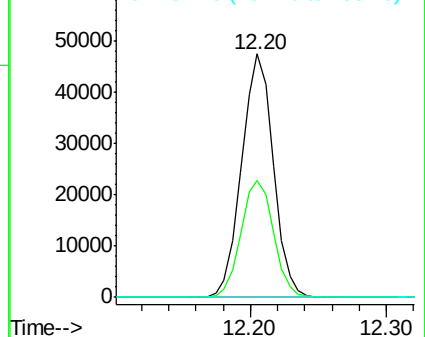
173 100

175 49.4 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: VY003531.D

Acq: 12 Nov 2020 16:23

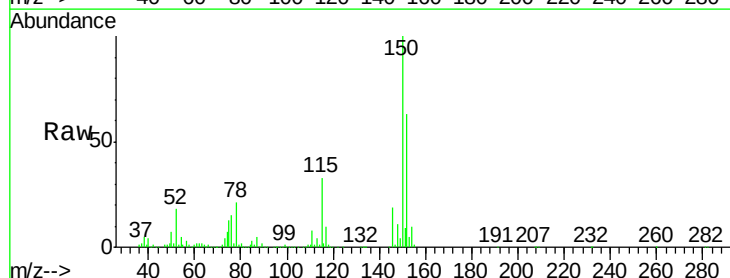
Tgt Ion:152 Resp: 176422

Ion Ratio Lower Upper

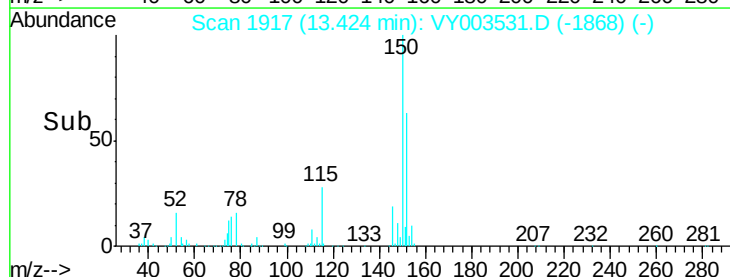
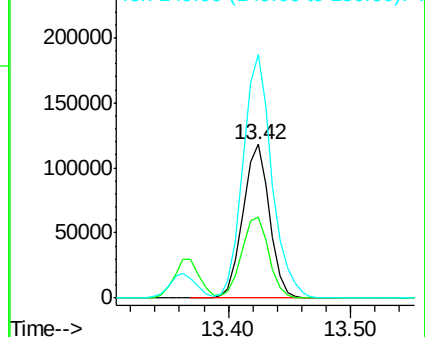
152 100

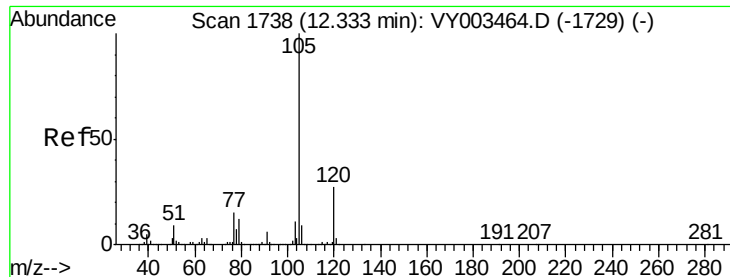
115 54.0 27.5 82.4

150 172.7 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: 51.789 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

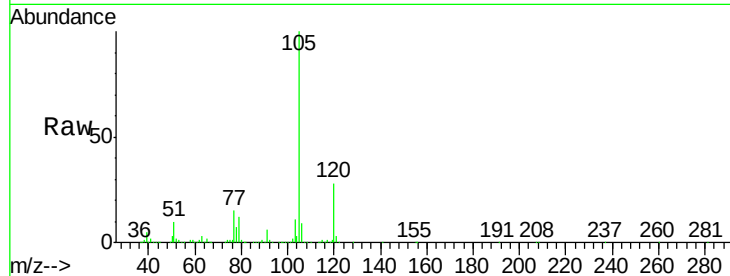
VSTDCCC050EC

Tot Ion:105 Resp: 596835

Ion Ratio Lower Upper

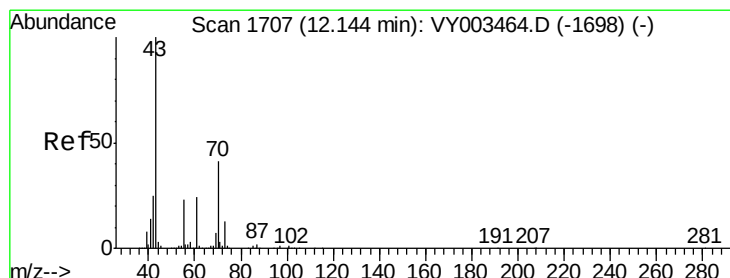
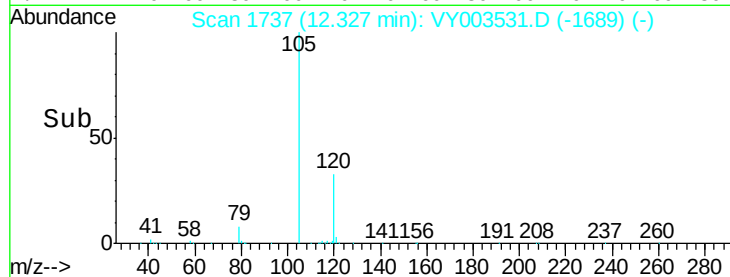
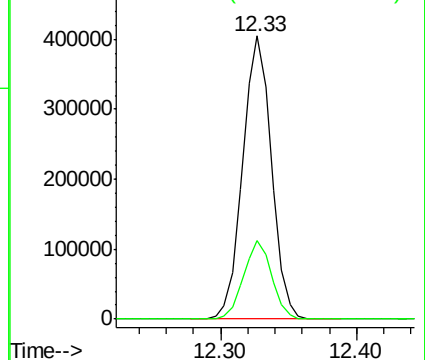
105 100

120 27.1 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: 43.563 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion: 43 Resp: 142207

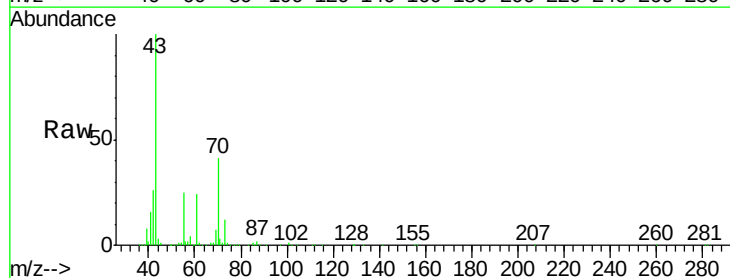
Ion Ratio Lower Upper

43 100

70 42.1 33.1 49.7

55 24.9 19.2 28.8

61 23.9 19.0 28.6

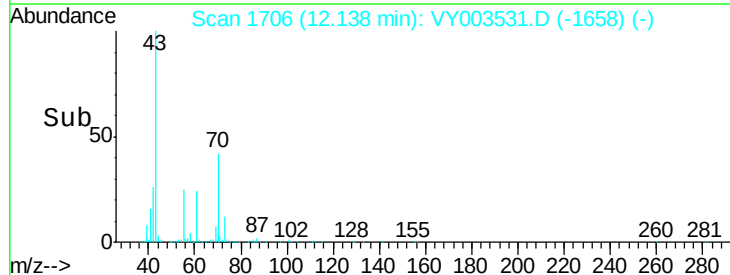
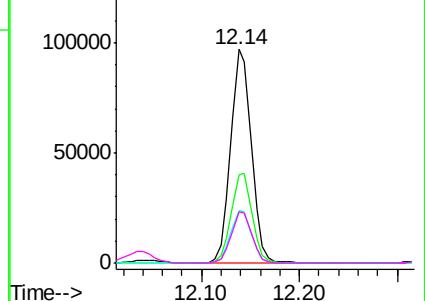


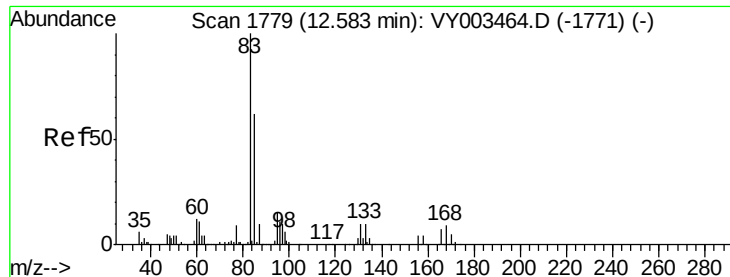
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 43.179 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

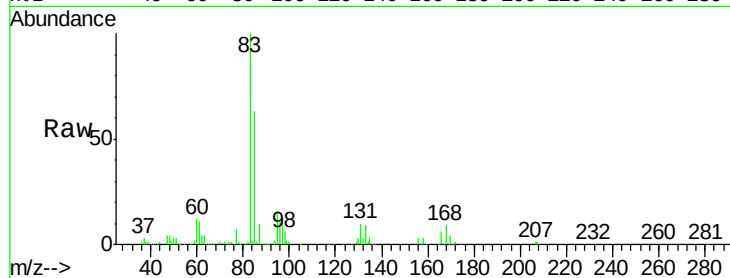
Tot Ion: 83 Resp: 106289

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

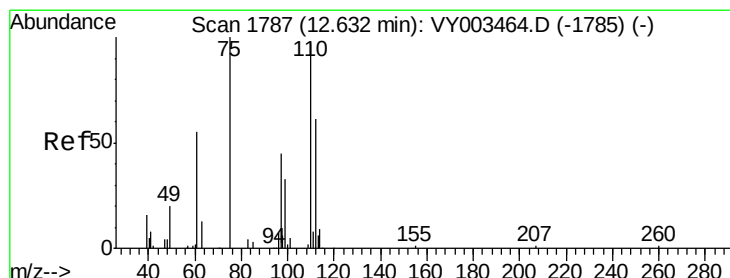
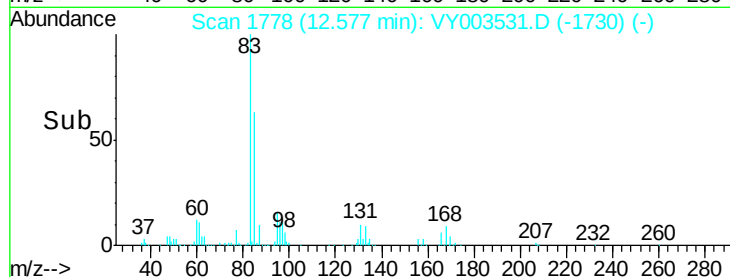
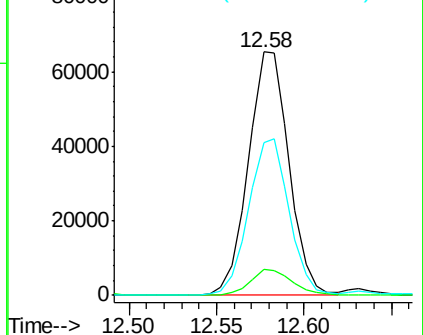
85 63.9 32.0 96.2



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: 75.734 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003531.D

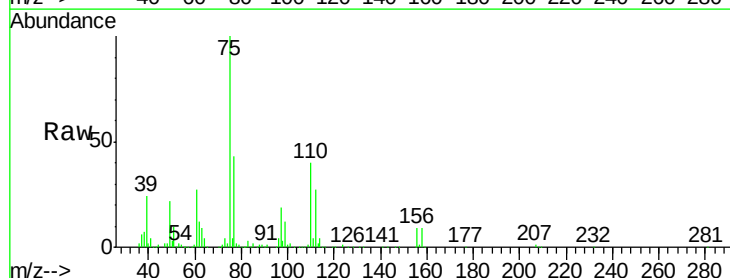
Acq: 12 Nov 2020 16:23

Tgt Ion: 75 Resp: 141370

Ion Ratio Lower Upper

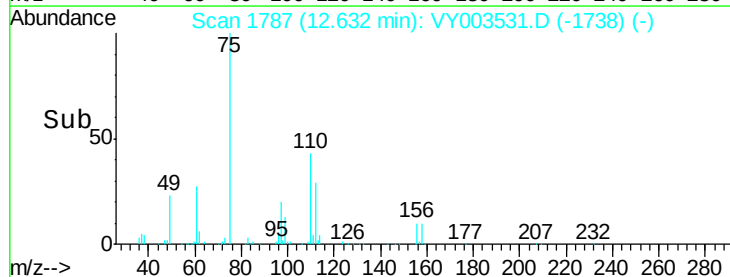
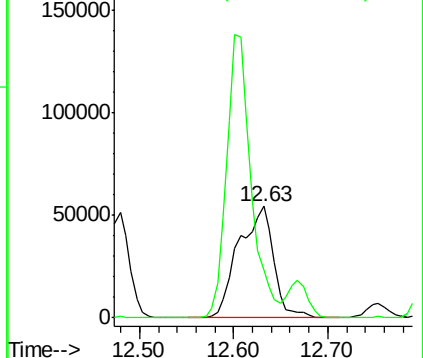
75 100

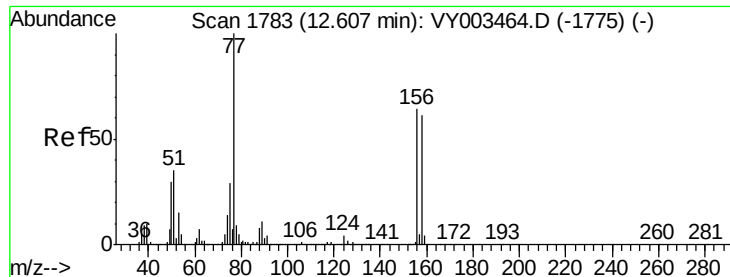
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.226 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

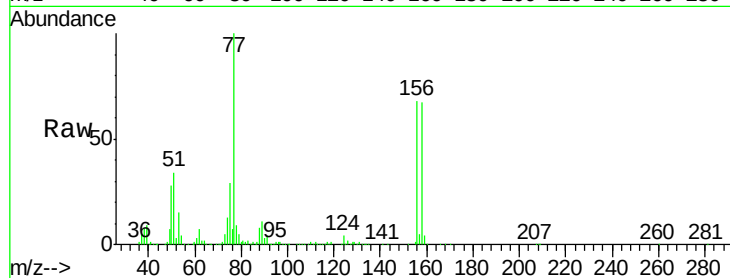
Tot Ion:156 Resp: 147066

Ion Ratio Lower Upper

156 100

77 170.5 87.0 260.9

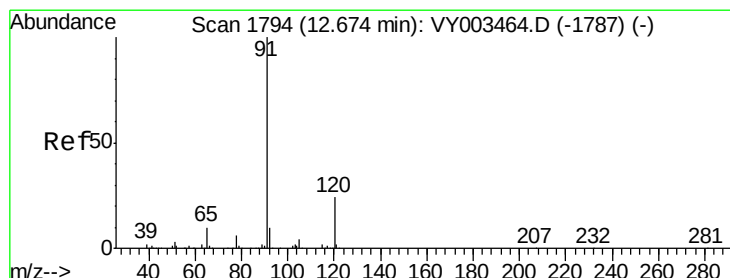
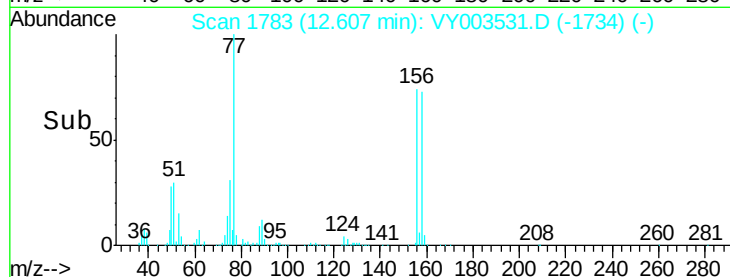
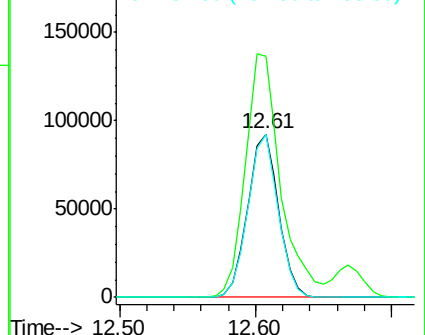
158 97.7 48.7 146.1



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: 51.498 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003531.D

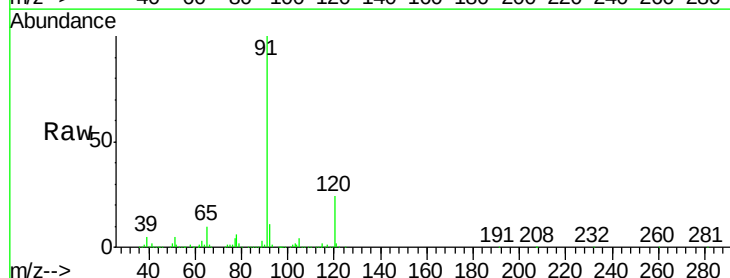
Acq: 12 Nov 2020 16:23

Tgt Ion: 91 Resp: 699067

Ion Ratio Lower Upper

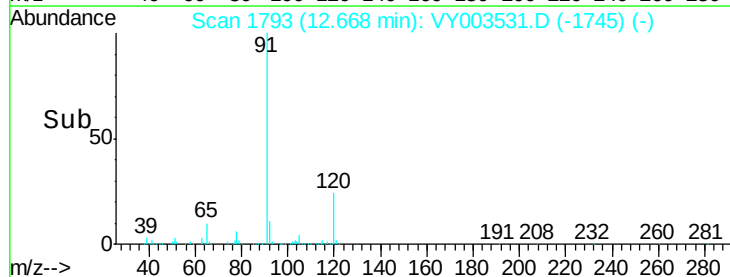
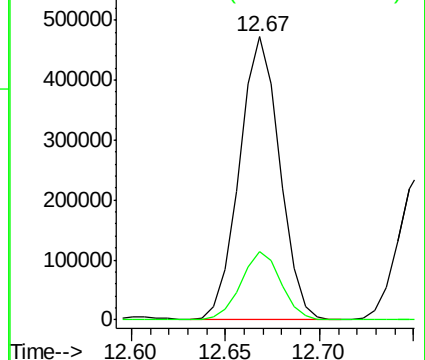
91 100

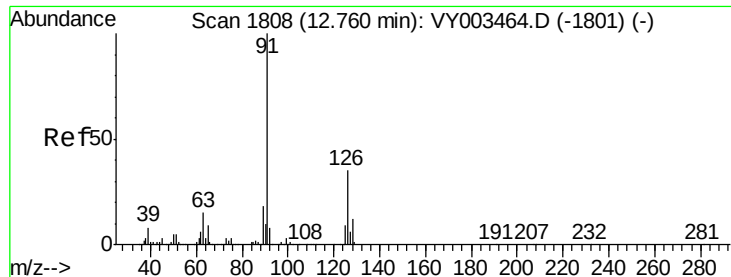
120 24.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

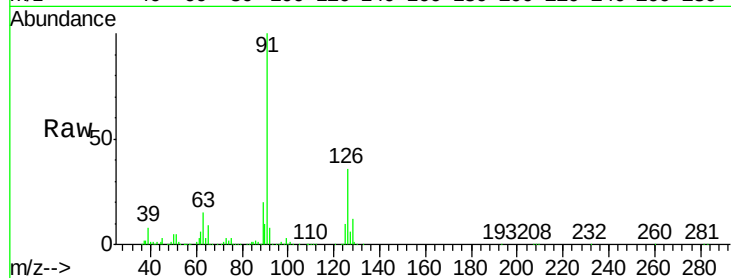




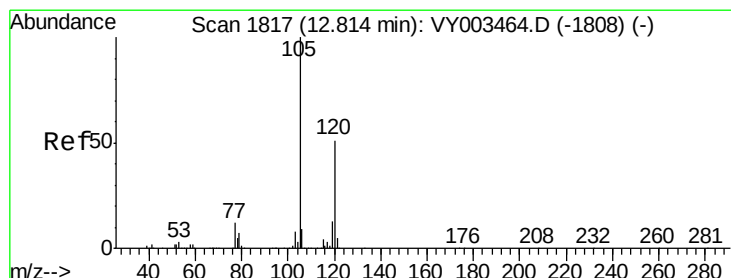
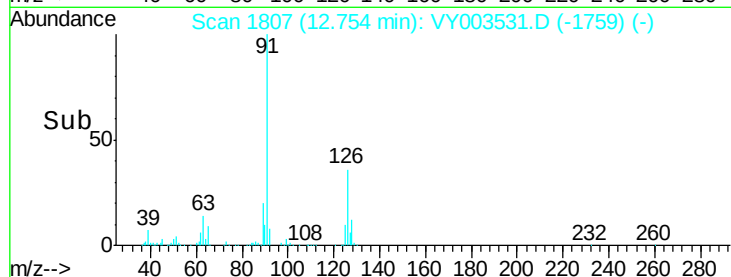
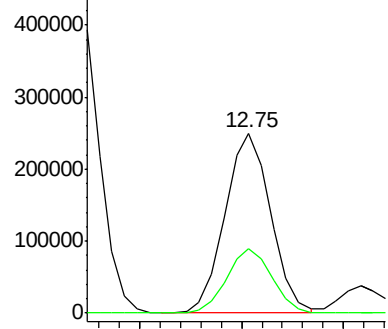
#79
 2-Chlorotoluene
 Concen: 51.150 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 387924
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.8 53.3

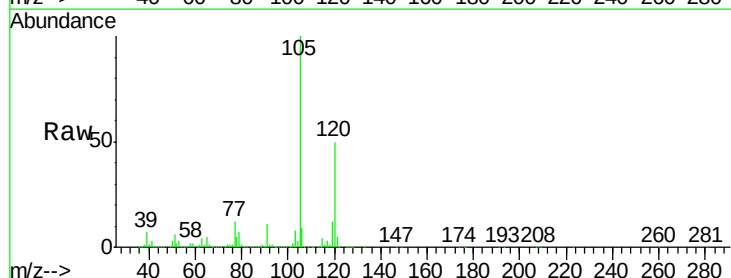


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

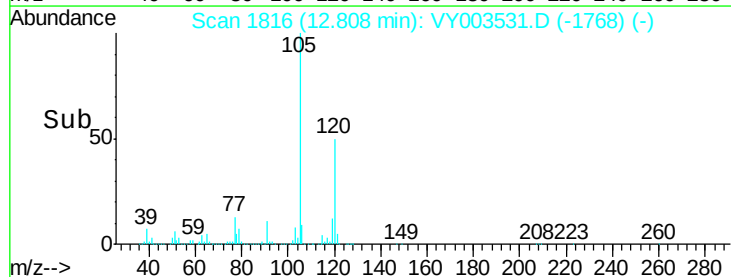
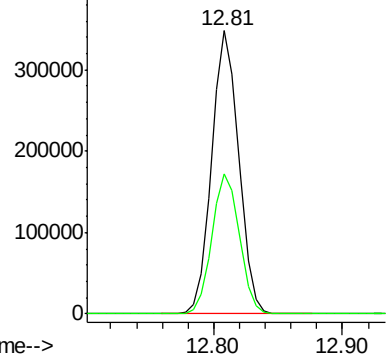


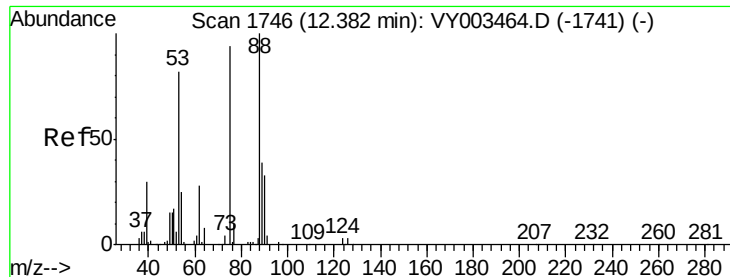
#80
 1,3,5-Trimethylbenzene
 Concen: 52.831 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 105 Resp: 504462
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 41.640 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

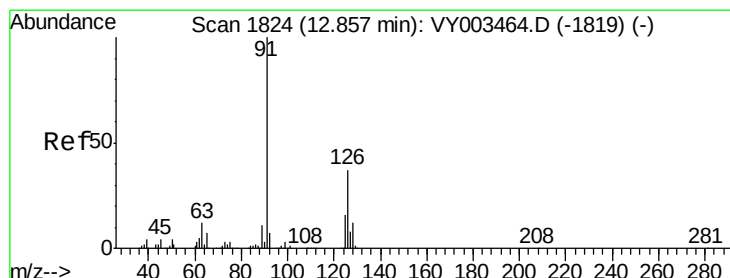
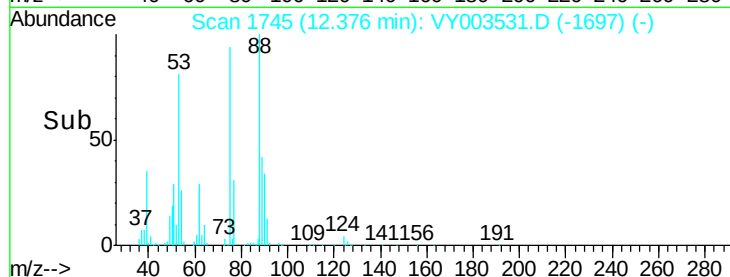
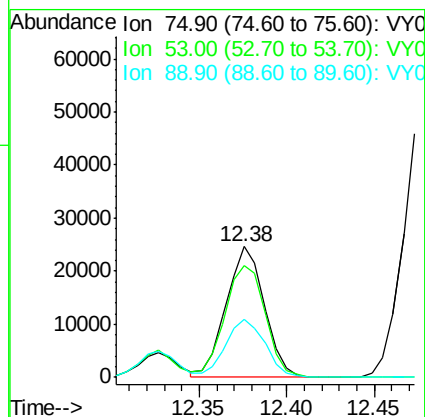
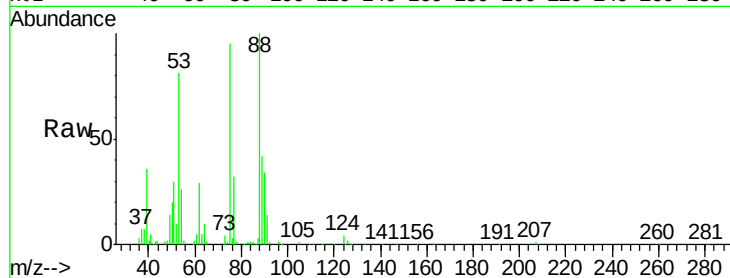
Tot Ion: 75 Resp: 37241

Ion Ratio Lower Upper

75 100

53 91.7 74.7 112.1

89 45.4 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.879 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003531.D

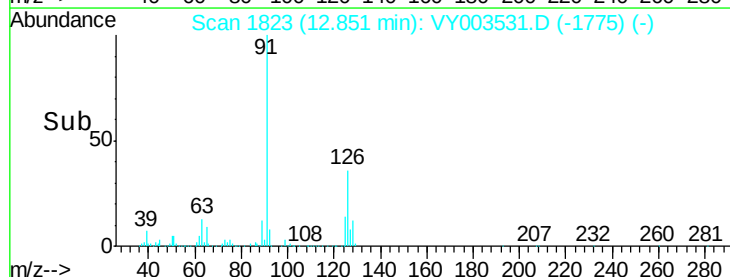
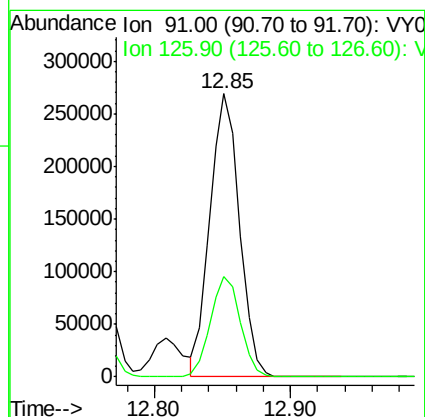
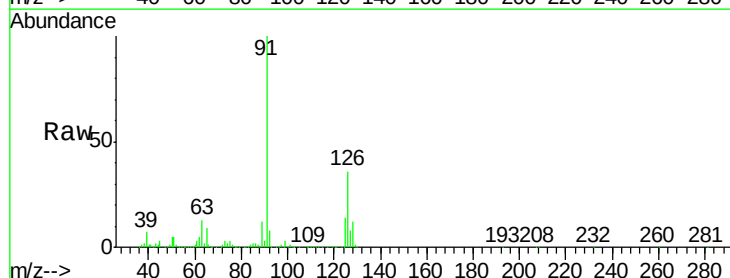
Acq: 12 Nov 2020 16:23

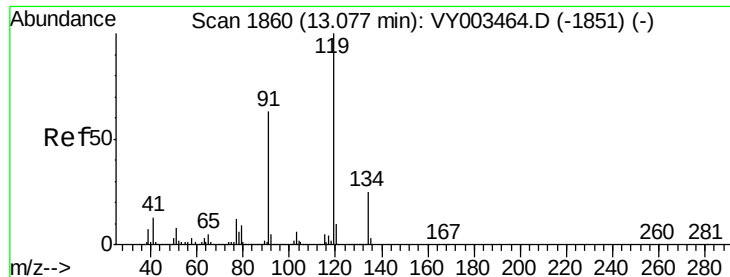
Tgt Ion: 91 Resp: 403242

Ion Ratio Lower Upper

91 100

126 36.1 17.6 52.8





#83

tert-Butylbenzene

Concen: 52.235 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

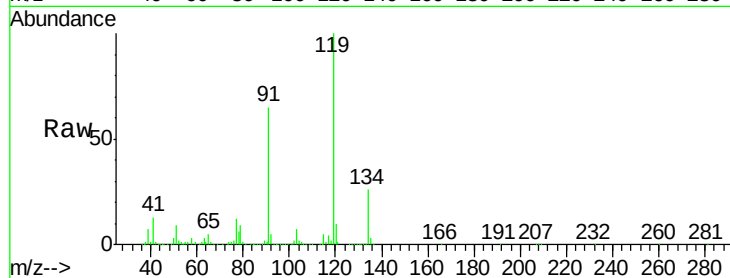
Tot Ion:119 Resp: 442353

Ion Ratio Lower Upper

119 100

91 63.4 31.1 93.2

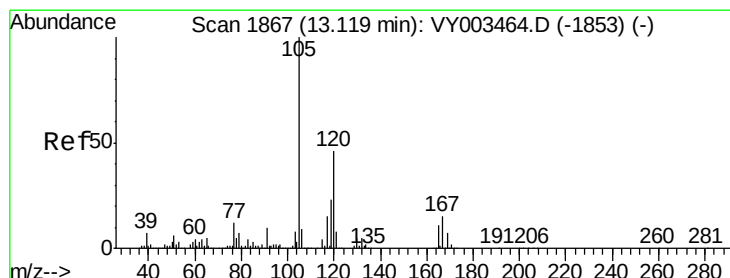
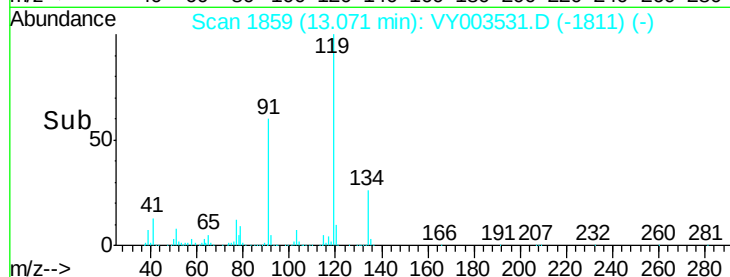
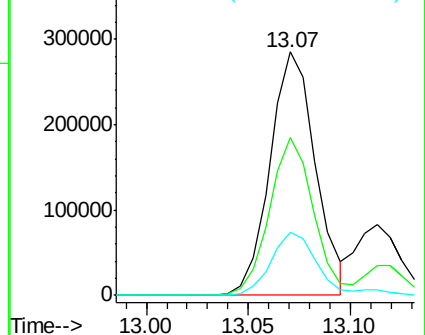
134 27.6 13.4 40.1



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: 53.125 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003531.D

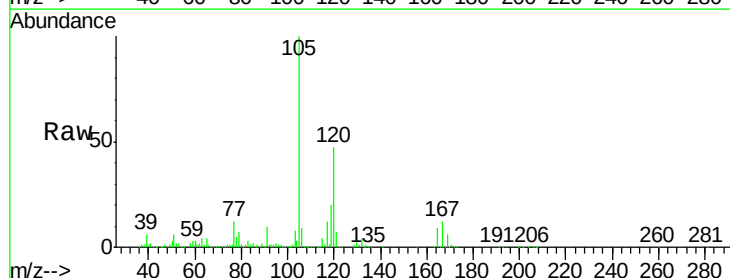
Acq: 12 Nov 2020 16:23

Tgt Ion:105 Resp: 506978

Ion Ratio Lower Upper

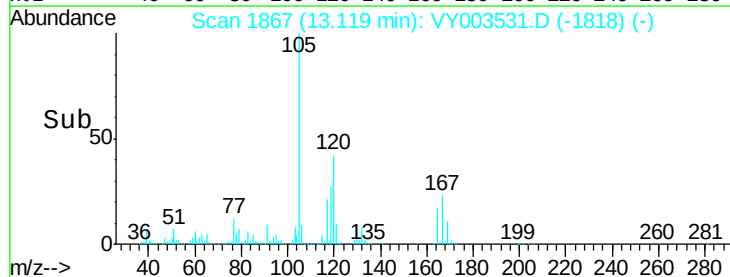
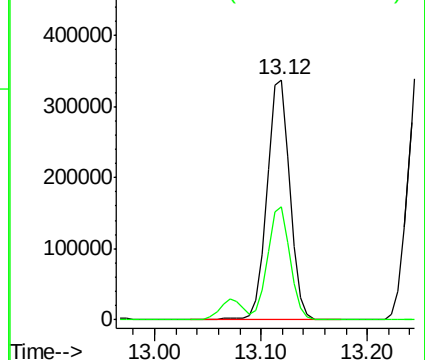
105 100

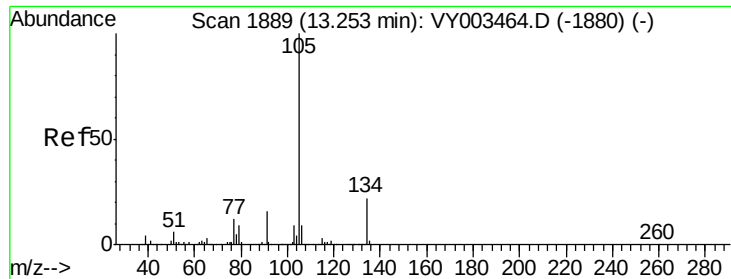
120 46.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.570 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

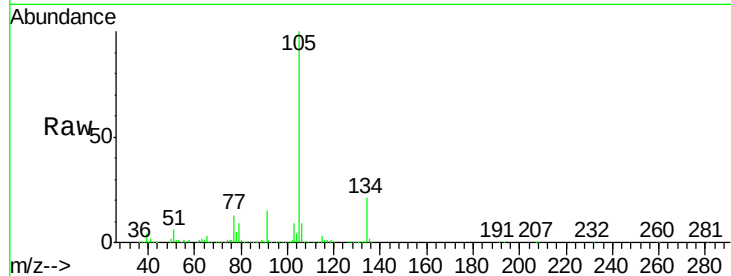
VSTDCCC050EC

Tot Ion:105 Resp: 614265

Ion Ratio Lower Upper

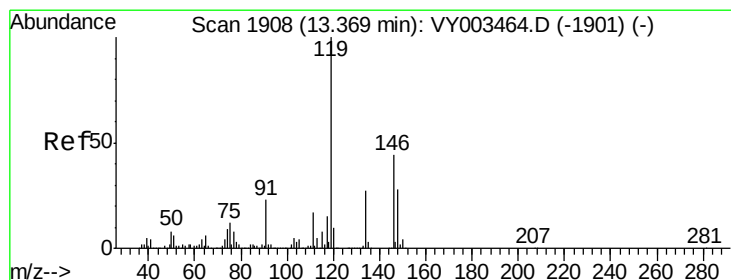
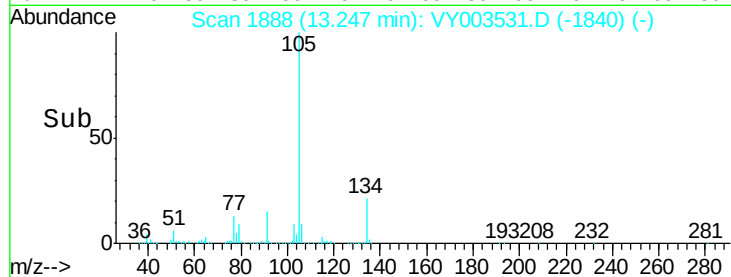
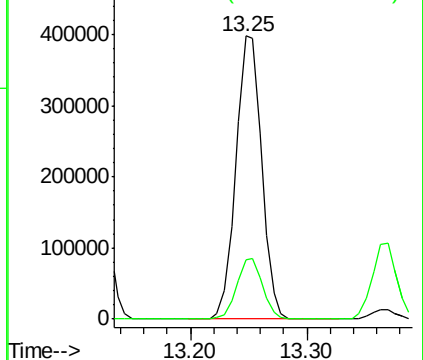
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.001 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

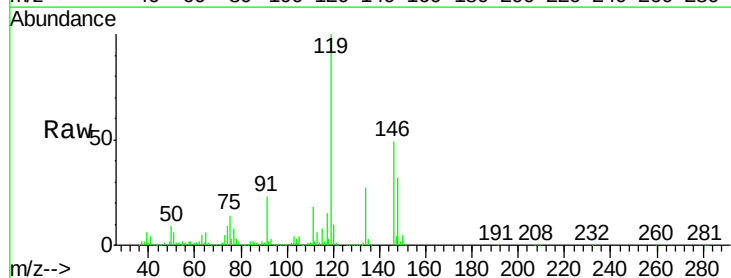
Tgt Ion:119 Resp: 574261

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

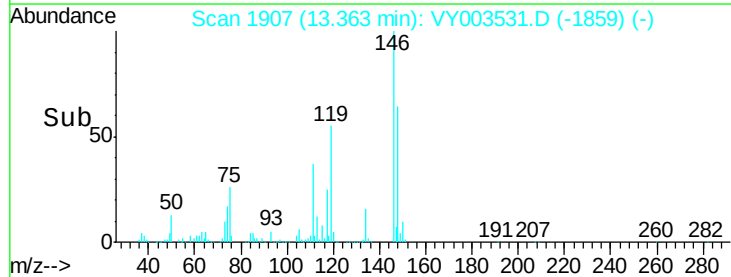
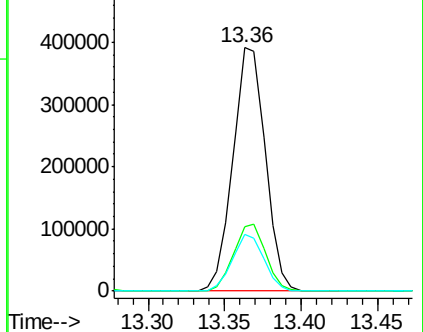
91 22.6 11.4 34.2

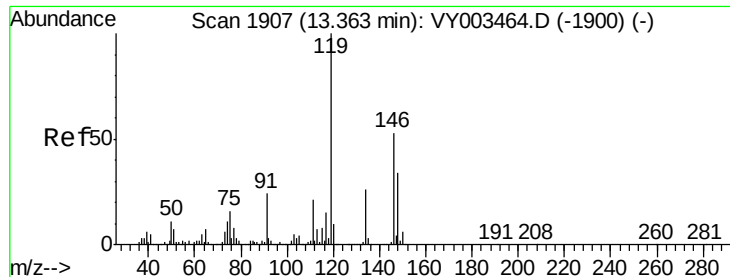


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 53.007 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

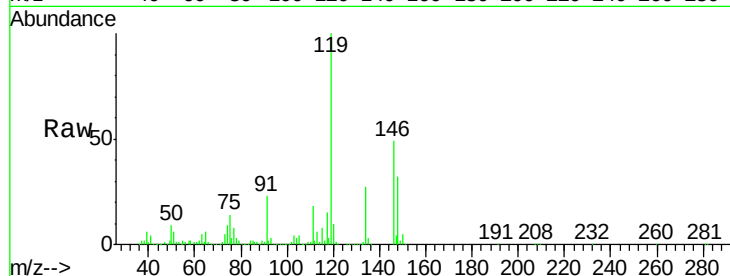
Tot Ion:146 Resp: 289131

Ion Ratio Lower Upper

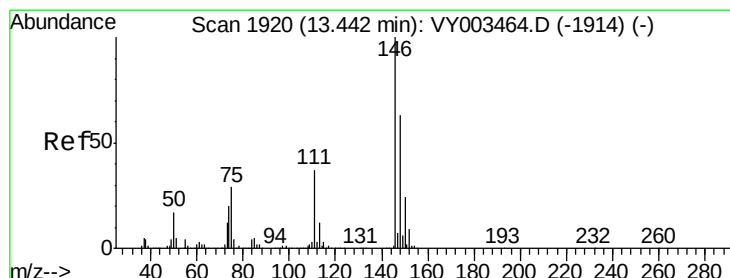
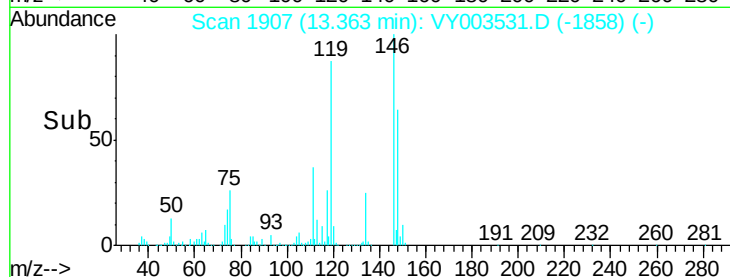
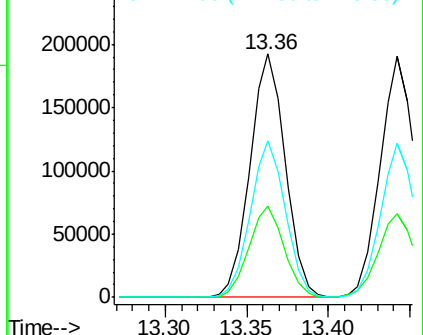
146 100

111 37.3 19.1 57.1

148 63.8 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: 52.398 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

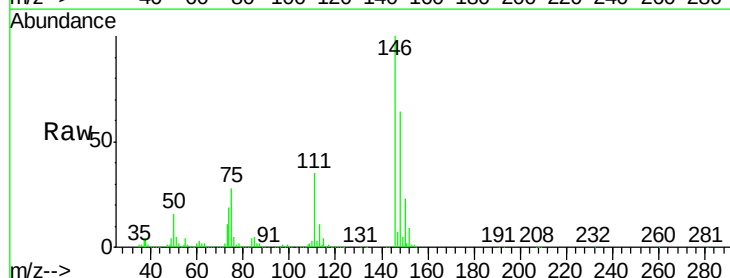
Tgt Ion:146 Resp: 284203

Ion Ratio Lower Upper

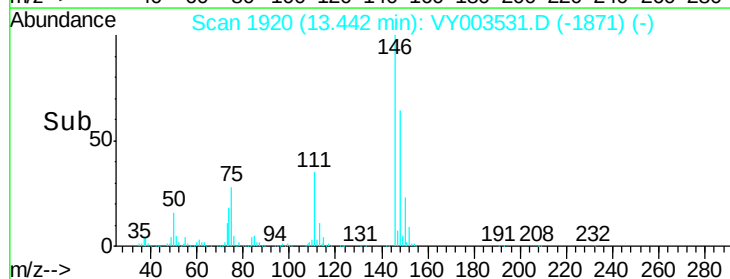
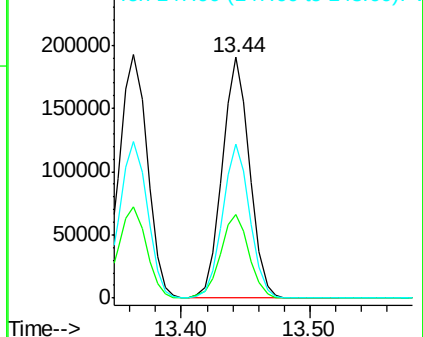
146 100

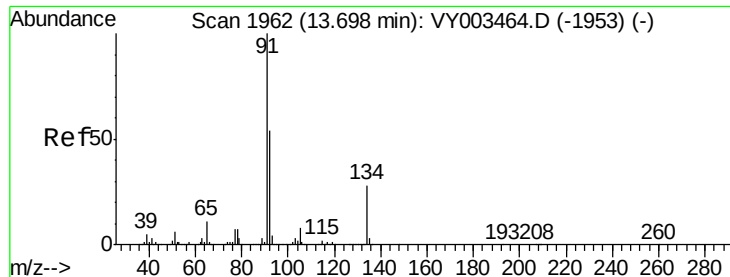
111 36.0 18.3 54.8

148 63.7 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: 54.597 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

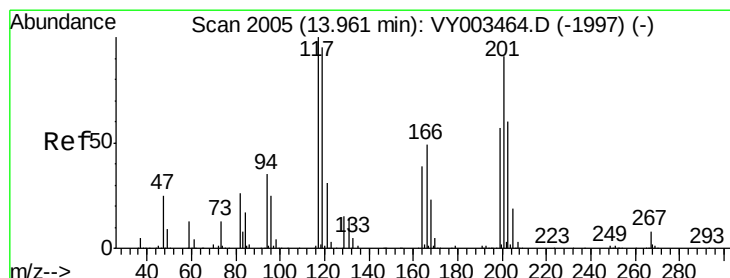
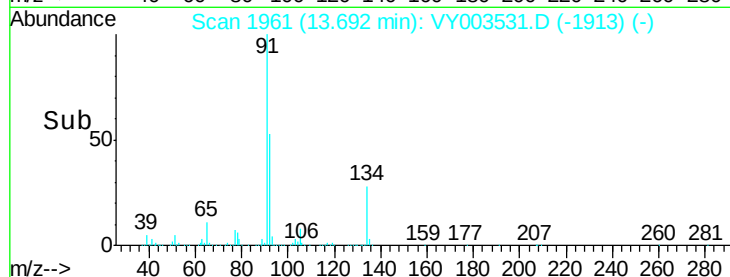
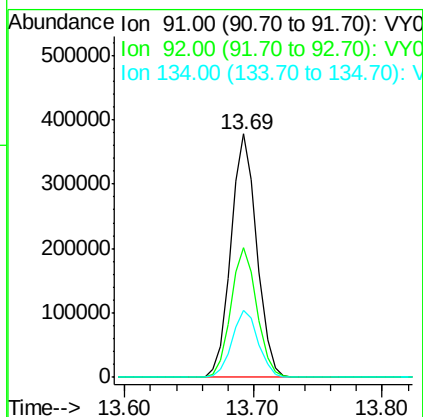
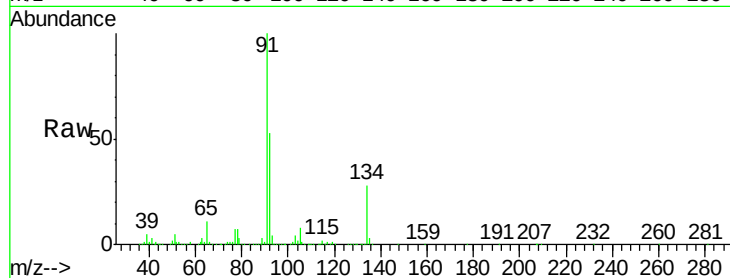
Tot Ion: 91 Resp: 530311

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.1

134 27.8 13.8 41.3



#90

Hexachloroethane

Concen: 53.544 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. -0.01 min

Lab File: VY003531.D

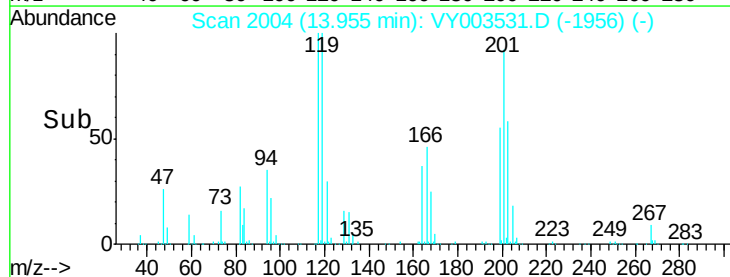
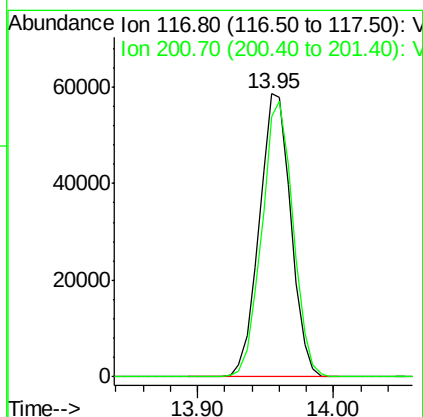
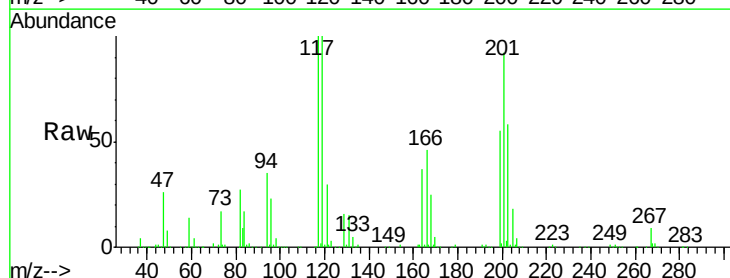
Acq: 12 Nov 2020 16:23

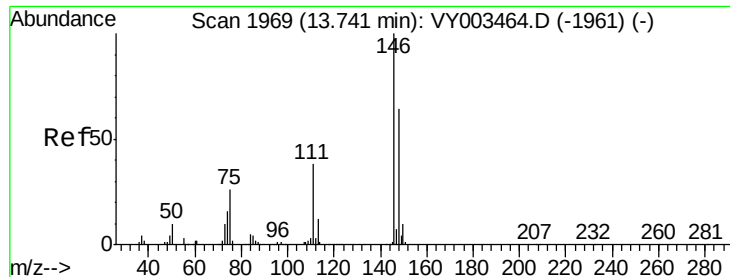
Tgt Ion: 117 Resp: 95830

Ion Ratio Lower Upper

117 100

201 95.7 46.6 139.8





#91

1,2-Dichlorobenzene

Concen: 51.714 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

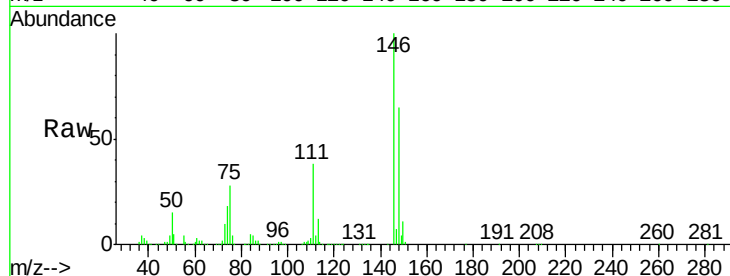
Tot Ion:146 Resp: 250582

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

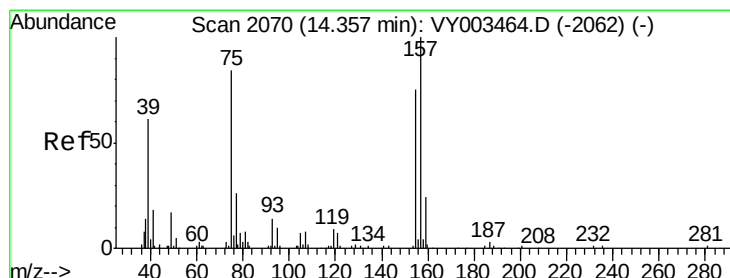
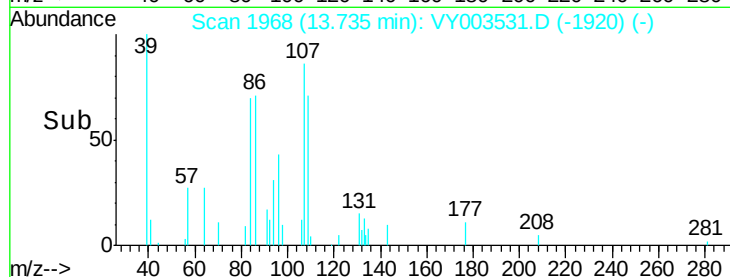
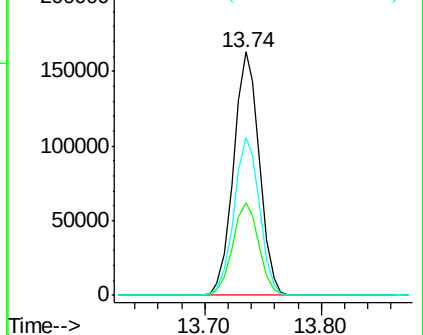
148 64.4 32.3 96.8



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: 40.275 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

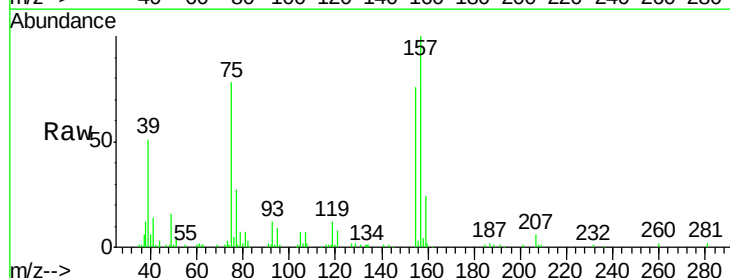
Tgt Ion: 75 Resp: 17947

Ion Ratio Lower Upper

75 100

155 95.6 45.6 136.7

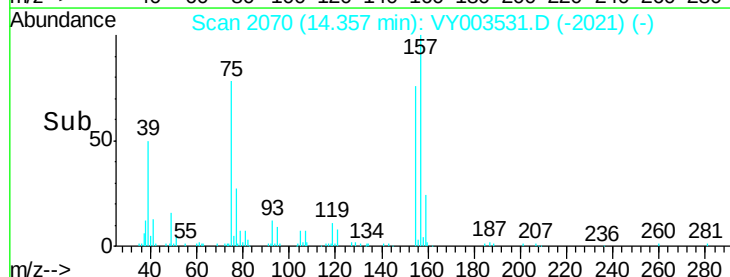
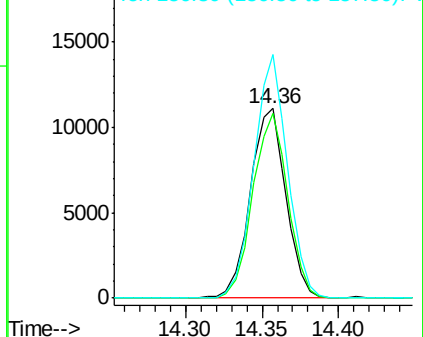
157 121.3 60.3 180.8

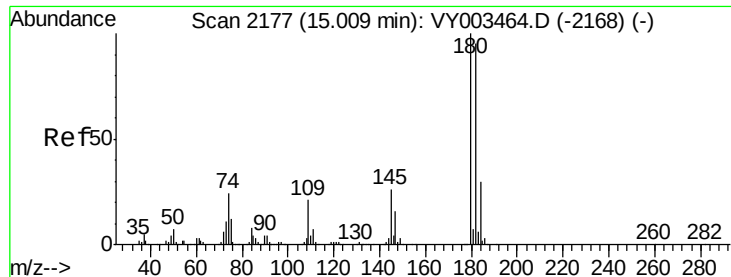


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

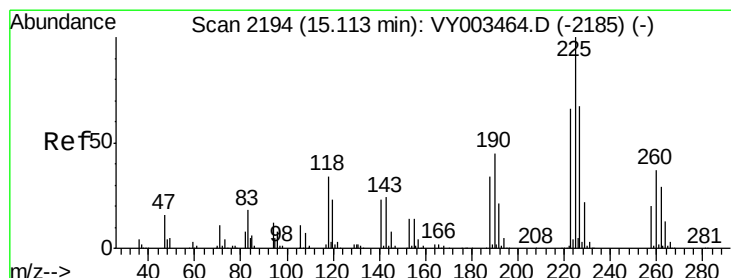
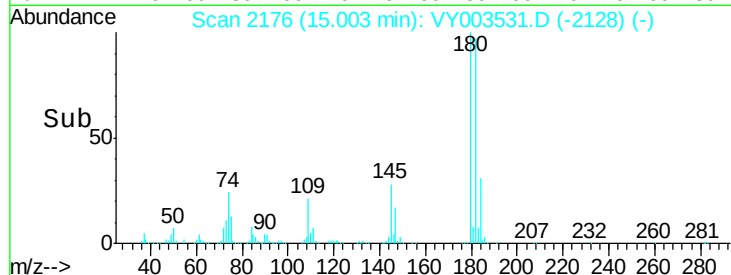
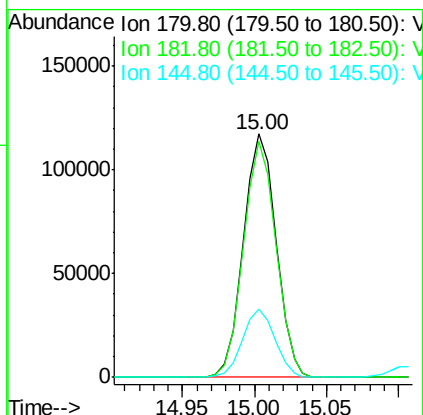
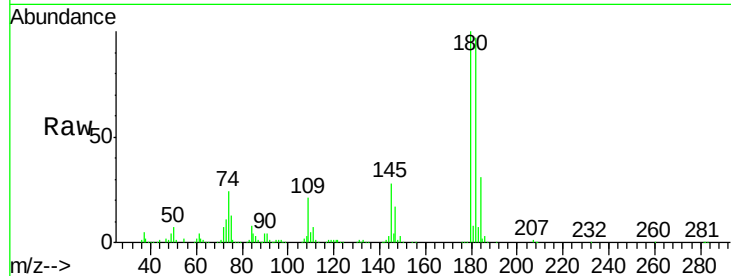




#93
 1,2,4-Trichlorobenzene
 Concen: 53.778 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

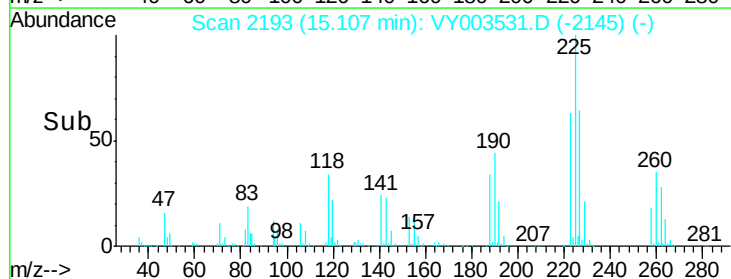
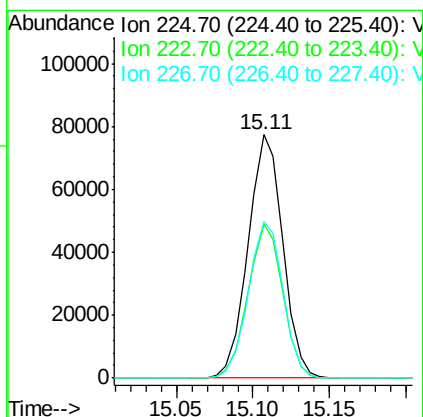
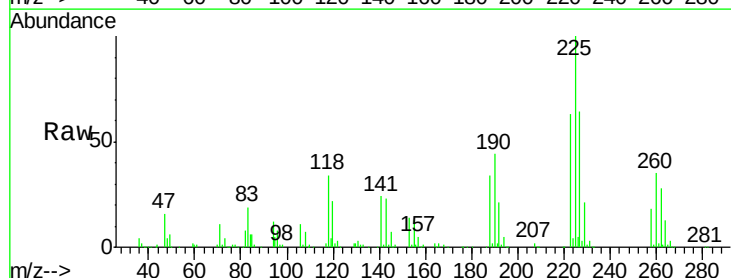
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

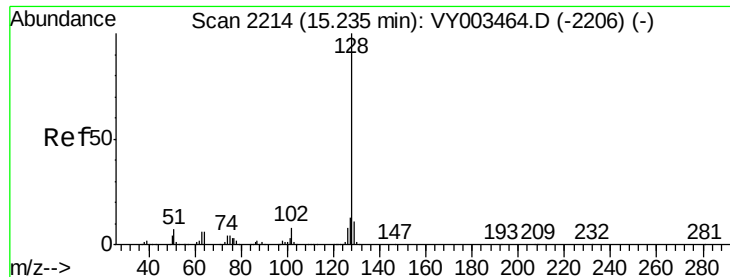
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	27.7	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 55.377 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.3
227	64.4	32.4	97.2





#95

Naphthalene

Concen: 46.474 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

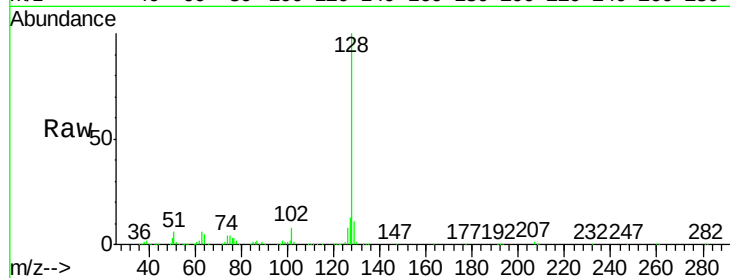
Tot Ion:128 Resp: 318974

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

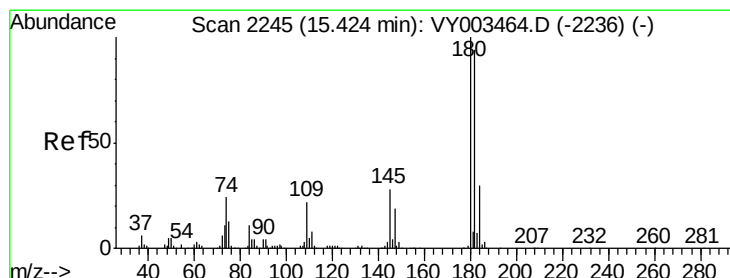
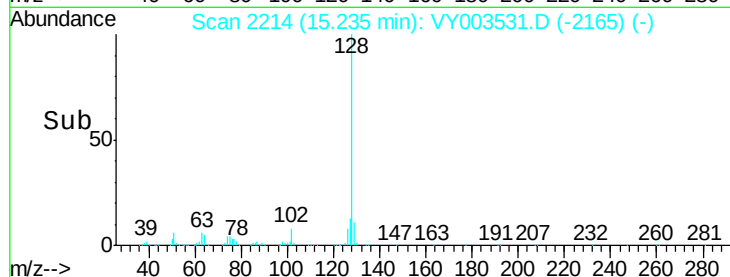
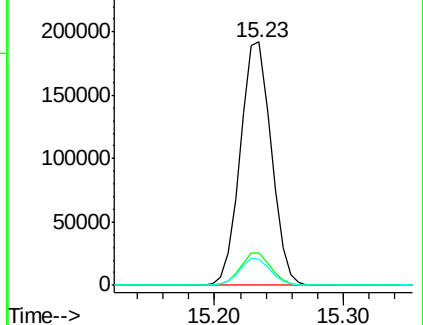
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.942 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

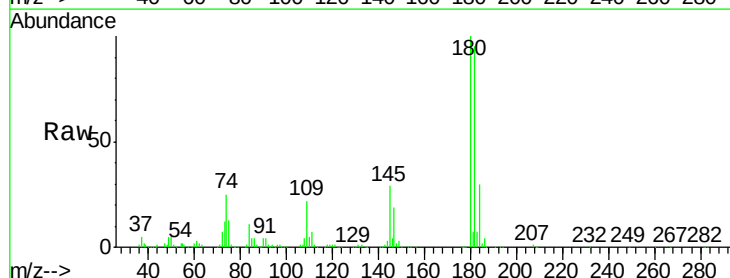
Tgt Ion:180 Resp: 160143

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.7

145 29.0 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

