

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021341.D
 Acq On : 26 Feb 2025 18:58
 Operator : SY/MD
 Sample : Q1427-01
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-227

Quant Time: Feb 27 00:42:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	155404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	290062	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90908	51.567	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	103.140%	
35) Dibromofluoromethane	7.634	113	94236	49.082	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	98.160%	
50) Toluene-d8	10.103	98	499871	67.367	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	134.740%#	
62) 4-Bromofluorobenzene	12.401	95	264539	105.934	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	211.860%#	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	425	3.134	ug/l #	72
13) Acrolein	3.866	56	2016	19.401	ug/l #	65
14) Allyl chloride	4.604	41	9350	3.373	ug/l #	48
15) Acrylonitrile	5.134	53	1917	5.121	ug/l #	39
16) Acetone	3.860	43	8434	24.940	ug/l #	82
18) Methyl Acetate	4.604	43	15652	18.939	ug/l #	54
20) Methylene Chloride	4.622	84	3943	2.156	ug/l #	84
25) 2-Butanone	6.890	43	2775	5.437	ug/l #	69
31) Cyclohexane	7.701	56	41027	13.200	ug/l	95
36) 1,1-Dichloropropene	7.707	75	13040	4.521	ug/l #	56
37) Ethyl Acetate	6.890	43	2775	1.934	ug/l #	87
38) Carbon Tetrachloride	7.707	117	16251	5.012	ug/l #	16
39) Methylcyclohexane	9.109	83	194514	53.325	ug/l	93
43) Isopropyl Acetate	8.189	43	38038	13.699	ug/l #	62
47) Bromodichloromethane	9.390	83	20180	6.749	ug/l #	40
48) Methyl methacrylate	9.170	41	51641	39.770	ug/l #	44
51) 4-Methyl-2-Pentanone	9.993	43	11600	8.161	ug/l #	43
55) 1,1,2-Trichloroethane	10.548	97	482801	330.468	ug/l #	20
56) Ethyl methacrylate	10.444	69	226092	111.999	ug/l #	1
59) 2-Hexanone	10.731	43	1684646	1804.650	ug/l #	30
60) Dibromochloromethane	10.835	129	2280	1.146	ug/l	56
67) Ethyl Benzene	11.524	91	12168	1.055	ug/l #	87
68) m/p-Xylenes	11.621	106	8670	1.999	ug/l #	1
73) Isopropylbenzene	12.255	105	226800	17.845	ug/l	97
74) N-amyl acetate	12.054	43	1764673	546.245	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.487	83	118778	52.953	ug/l #	74
76) 1,2,3-Trichloropropane	12.597	75	4012	2.371	ug/l #	100
78) n-propylbenzene	12.597	91	425887	27.614	ug/l	96
79) 2-Chlorotoluene	12.664	91	14931	1.687	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	10634	1.020	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.249	75	3149	4.136	ug/l #	1
82) 4-Chlorotoluene	12.664	91	15550	1.695	ug/l	99
83) tert-Butylbenzene	12.999	119	27757	2.948	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.042	105	23116	2.230	ug/l	95
85) sec-Butylbenzene	13.176	105	603788	43.899	ug/l #	77
86) p-Isopropyltoluene	13.291	119	18106	1.577	ug/l #	50

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Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

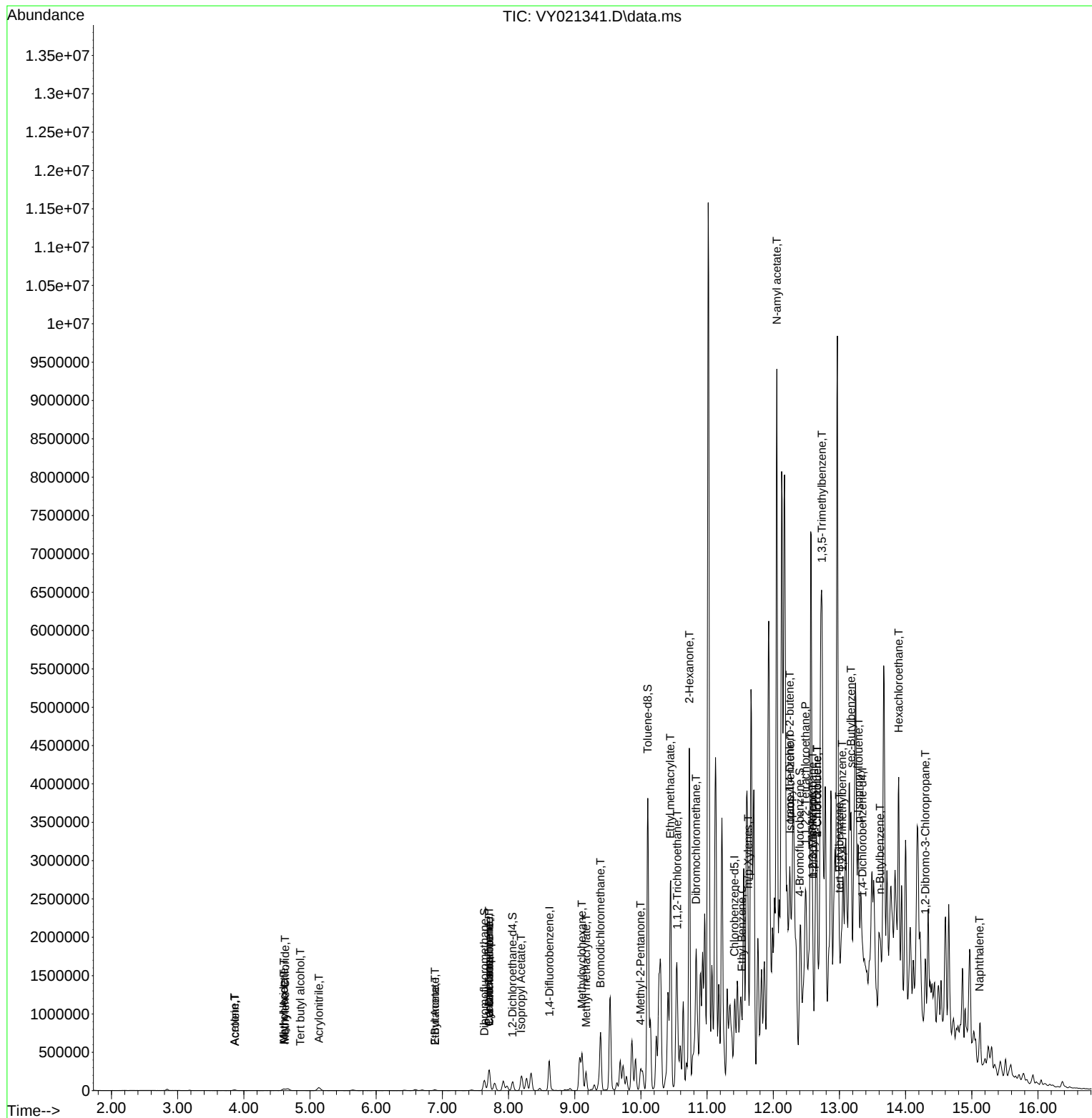
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.615	91	236595	21.891	ug/l #	70
90) Hexachloroethane	13.895	117	99891	41.639	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.297	75	2986	8.415	ug/l #	3
95) Naphthalene	15.114	128	14282	2.757	ug/l #	1

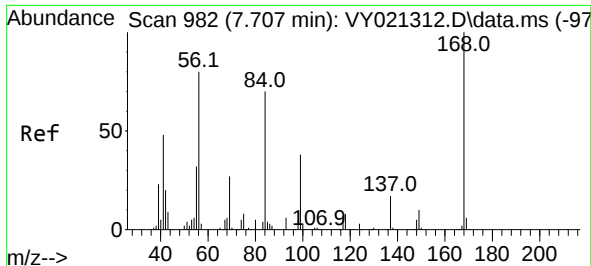
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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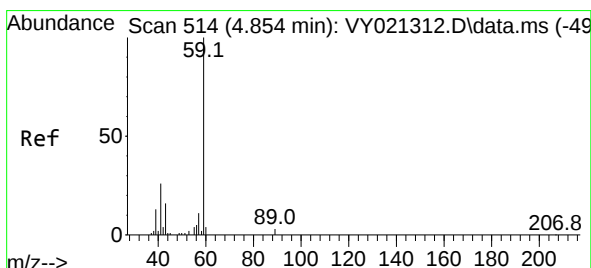
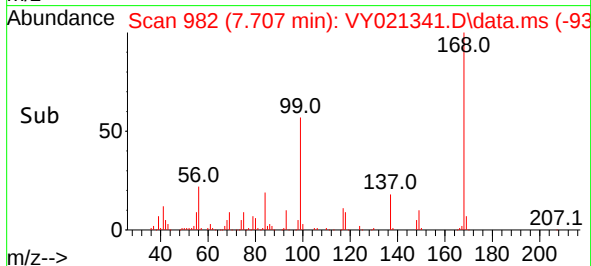
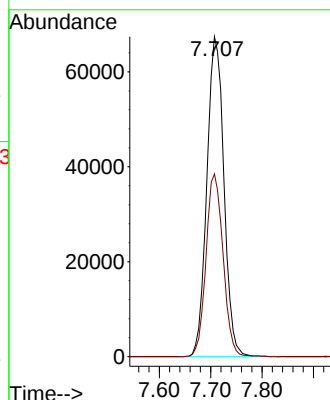
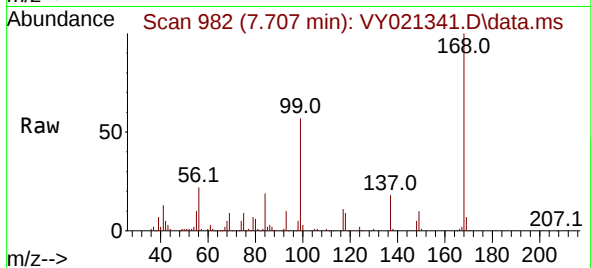




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

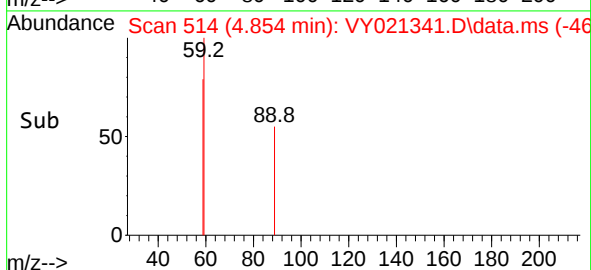
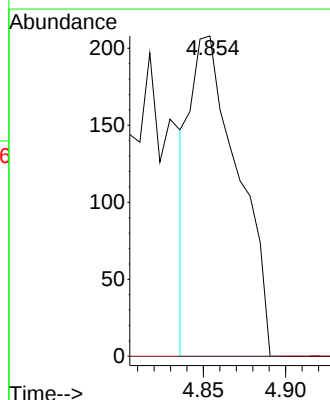
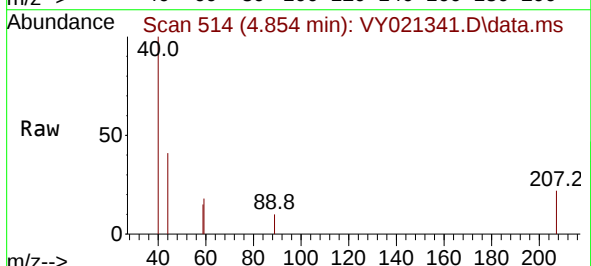
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

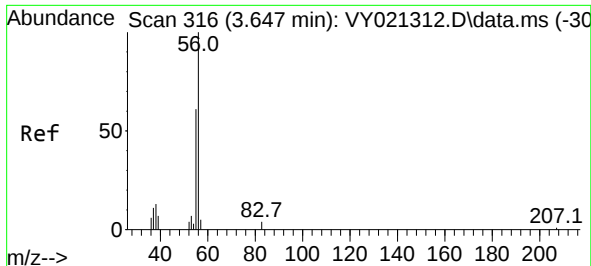
Tgt Ion:168 Resp: 155404
Ion Ratio Lower Upper
168 100
99 57.1 47.1 70.7



#11
Tert butyl alcohol
Concen: 3.134 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

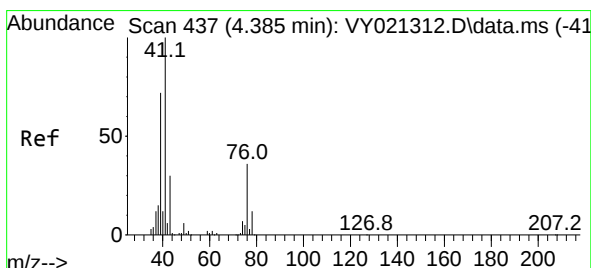
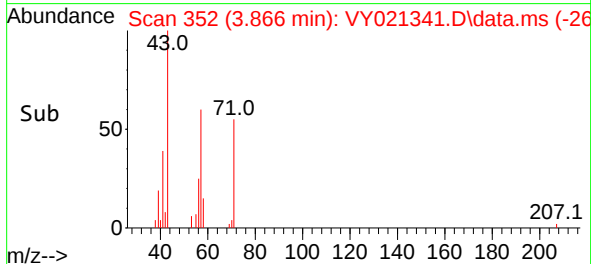
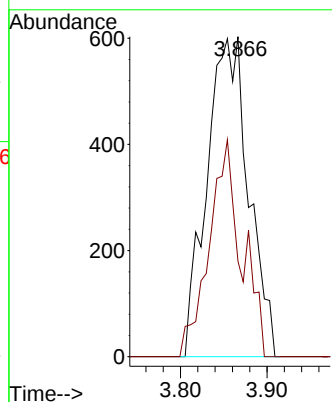
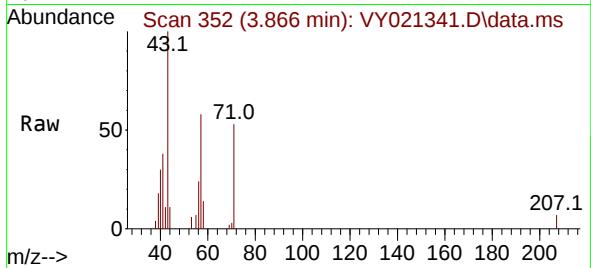




#13
Acrolein
Concen: 19.401 ug/l
RT: 3.866 min Scan# 316
Delta R.T. 0.219 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

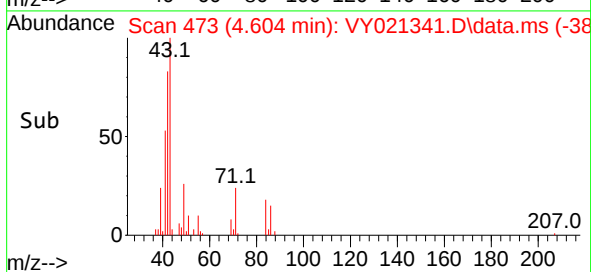
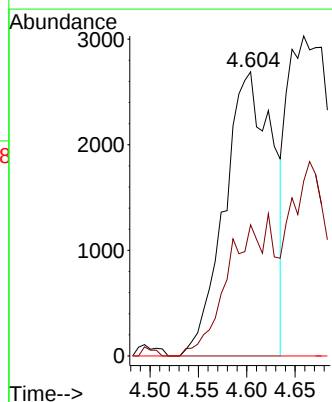
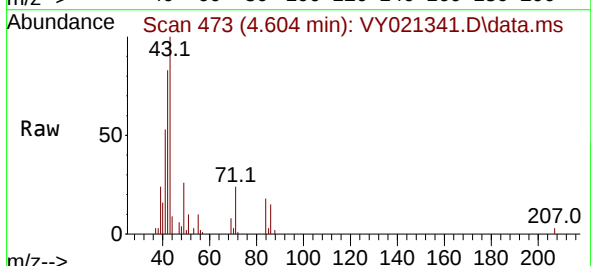
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

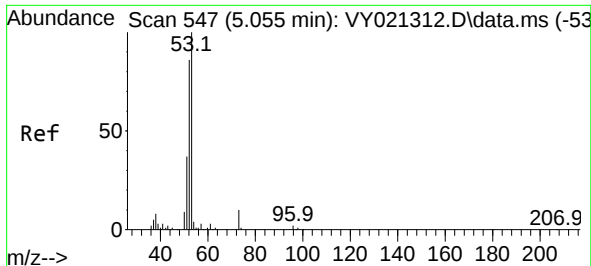
Tgt Ion: 56 Resp: 2016
Ion Ratio Lower Upper
56 100
55 43.9 59.0 88.6#



#14
Allyl chloride
Concen: 3.373 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.219 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 41 Resp: 9350
Ion Ratio Lower Upper
41 100
39 34.3 60.0 90.0#
76 0.0 29.0 43.6#

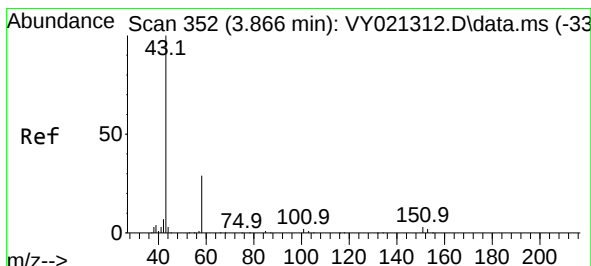
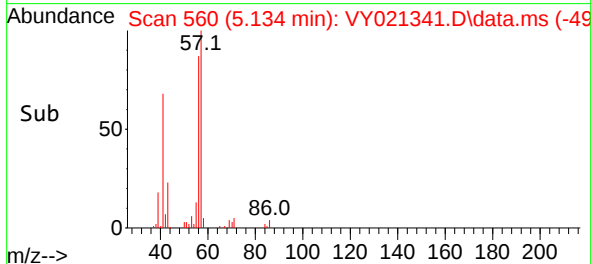
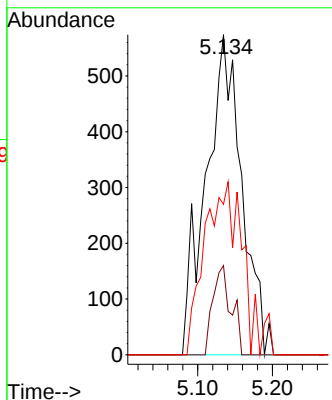
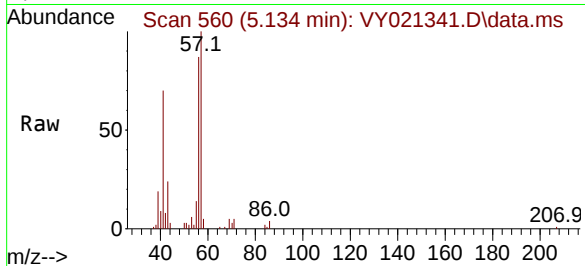




#15
Acrylonitrile
Concen: 5.121 ug/l
RT: 5.134 min Scan# 501
Delta R.T. 0.079 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

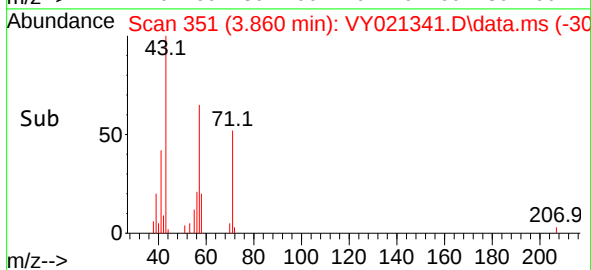
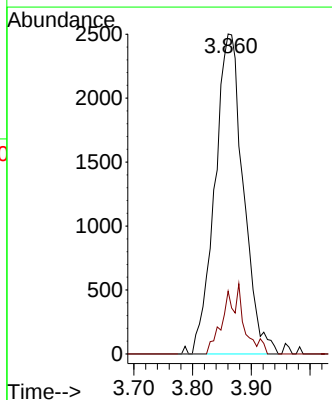
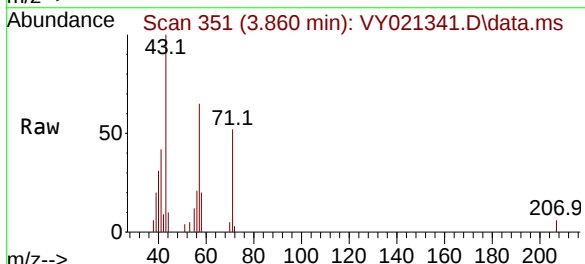
Instrument :
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ClientSampleId :
VNJ-227

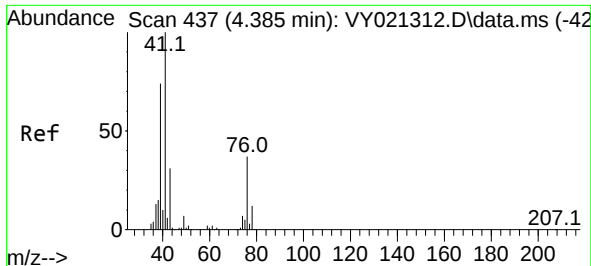
Tgt Ion: 53 Resp: 1917
Ion Ratio Lower Upper
53 100
52 14.1 65.5 98.3#
51 55.6 30.6 46.0#



#16
Acetone
Concen: 24.940 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 43 Resp: 8434
Ion Ratio Lower Upper
43 100
58 19.6 23.5 35.3#

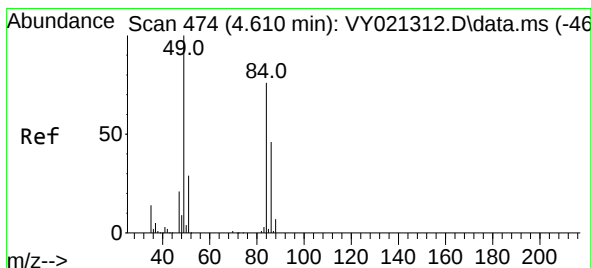
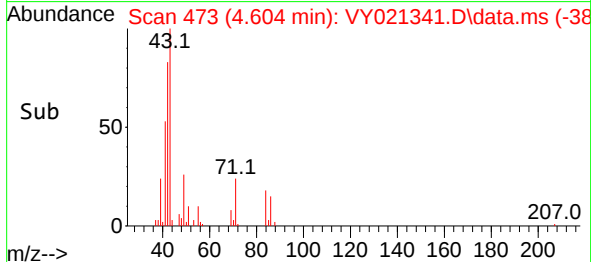
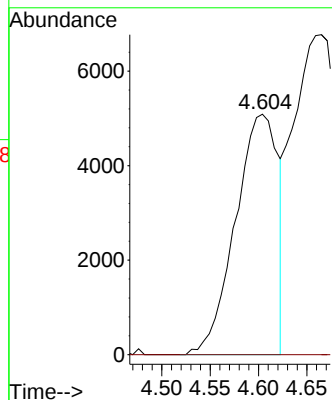
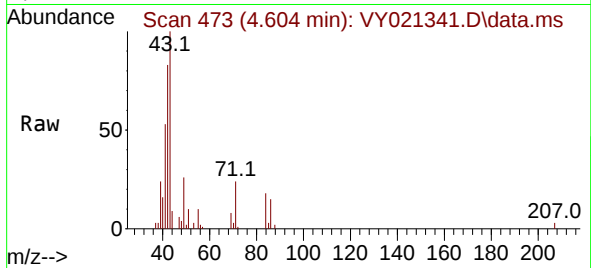




#18
Methyl Acetate
Concen: 18.939 ug/l
RT: 4.604 min Scan# 41
Delta R.T. 0.219 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

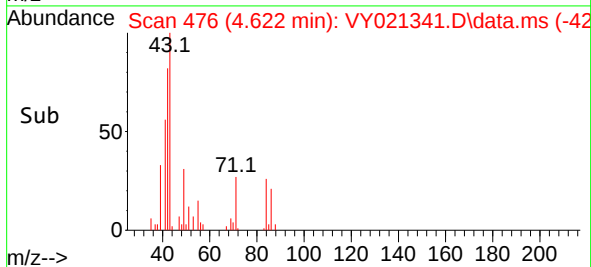
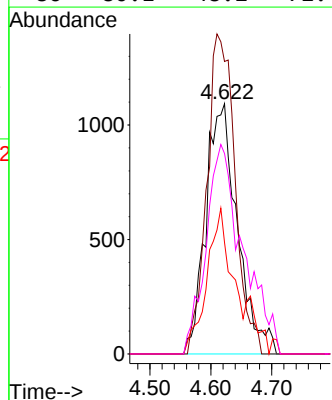
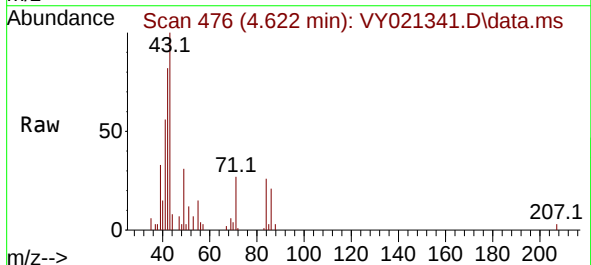
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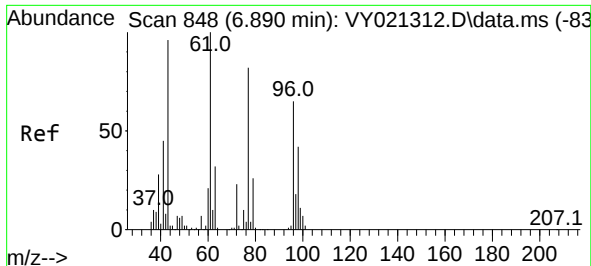
Tgt Ion: 43 Resp: 15652
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 2.156 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 84 Resp: 3943
Ion Ratio Lower Upper
84 100
49 116.9 105.1 157.7
51 44.6 31.0 46.4
86 80.1 48.2 72.4#

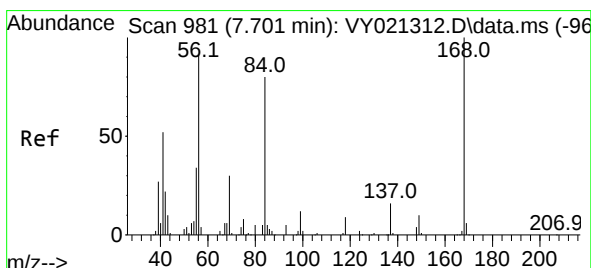
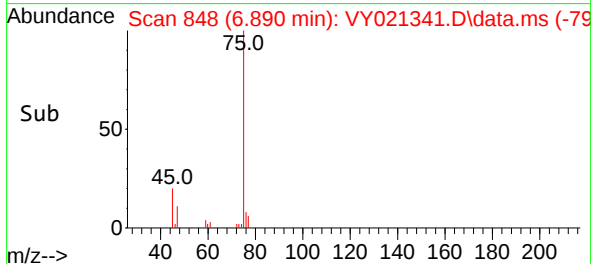
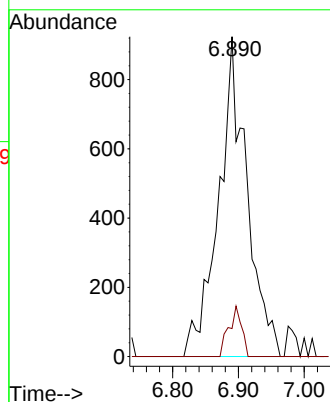
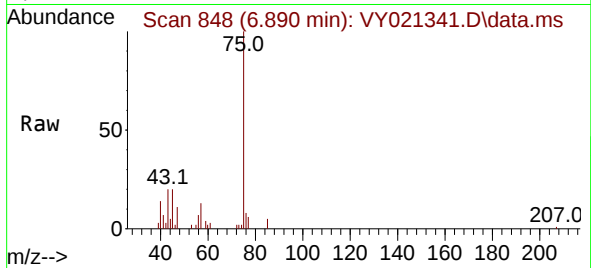




#25
2-Butanone
Concen: 5.437 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

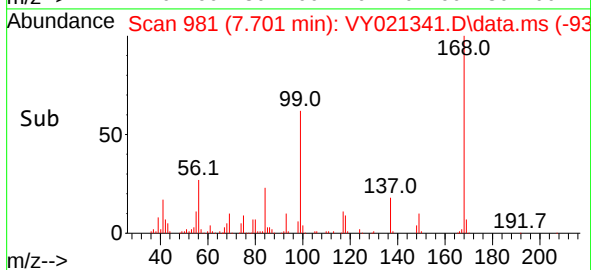
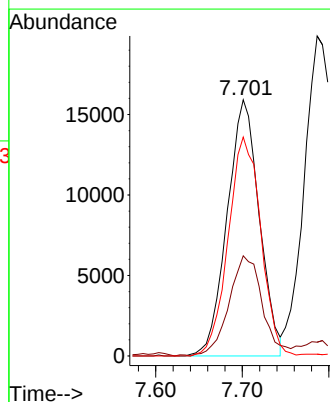
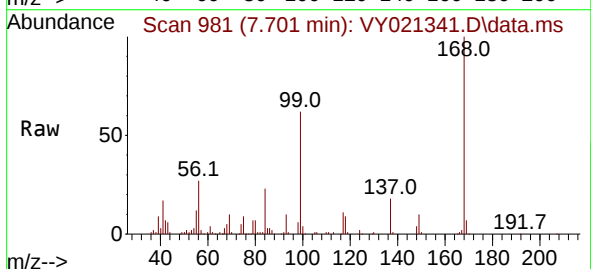
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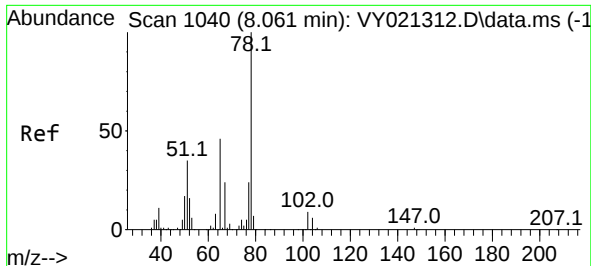
Tgt Ion: 43 Resp: 2775
Ion Ratio Lower Upper
43 100
72 8.8 19.0 28.6#



#31
Cyclohexane
Concen: 13.200 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 56 Resp: 41027
Ion Ratio Lower Upper
56 100
69 38.7 26.2 39.4
84 85.5 70.2 105.4

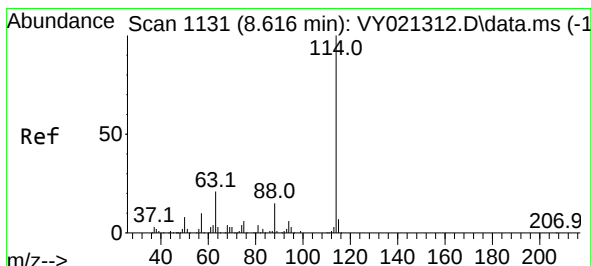
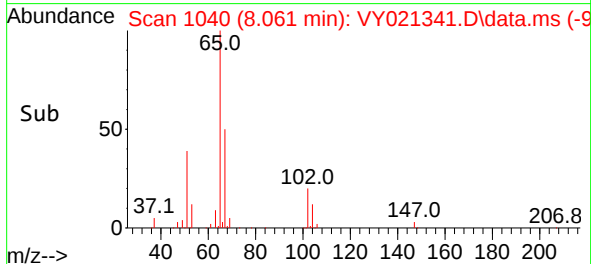
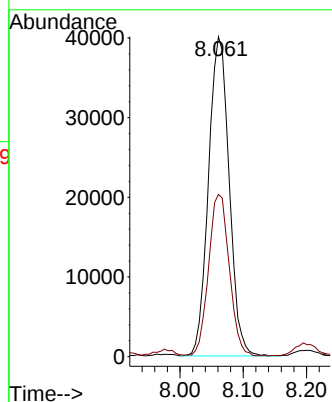
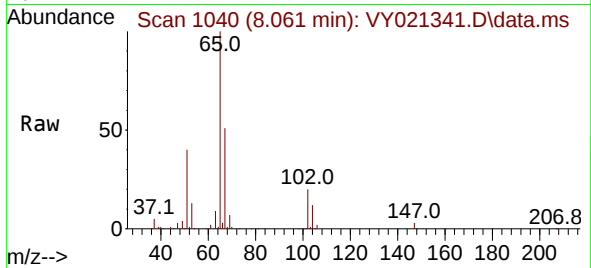




#33
1,2-Dichloroethane-d4
Concen: 51.567 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021341.D
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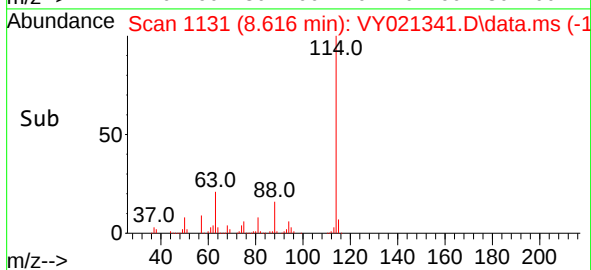
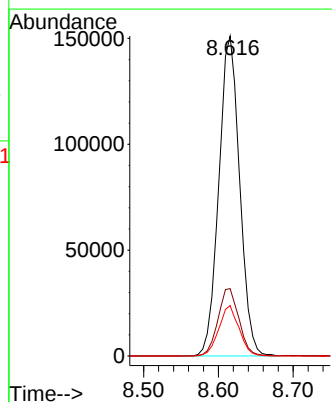
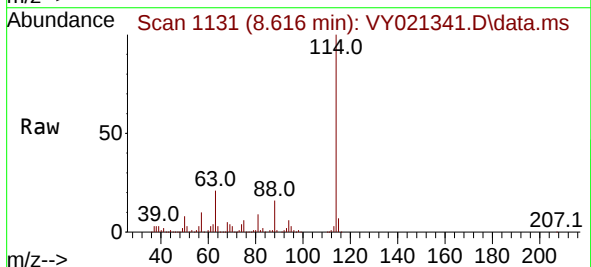
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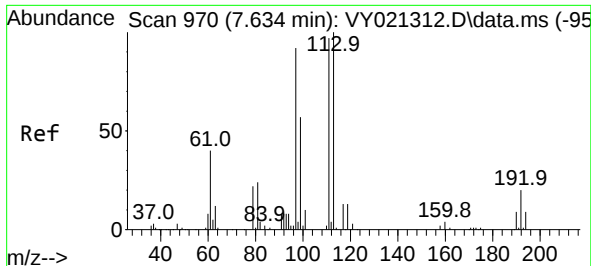
Tgt Ion: 65 Resp: 90908
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 114 Resp: 292852
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 15.7 0.0 29.8

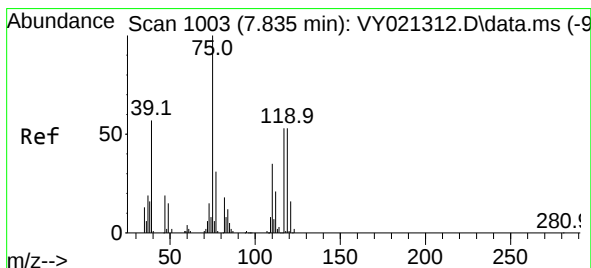
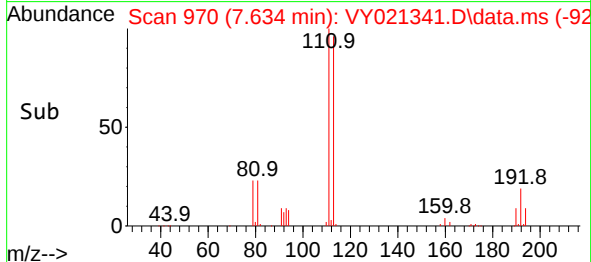
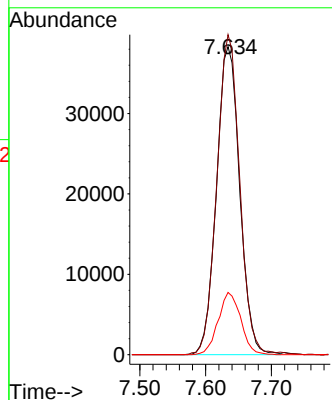
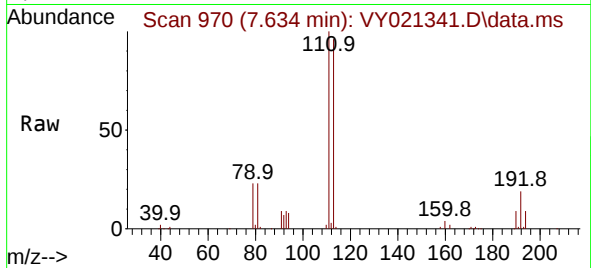




#35
Dibromofluoromethane
Concen: 49.082 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

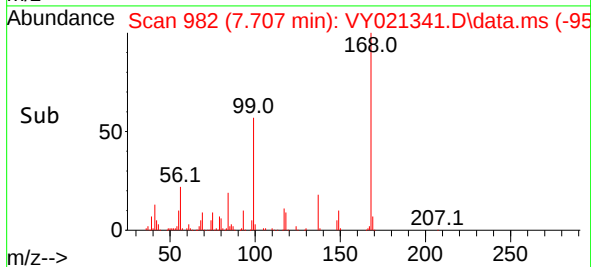
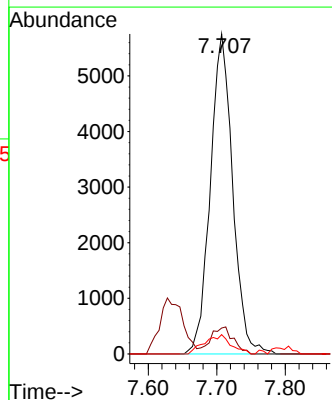
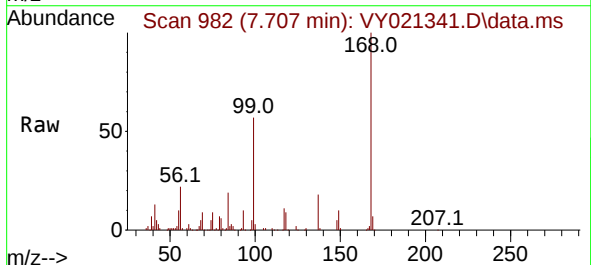
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

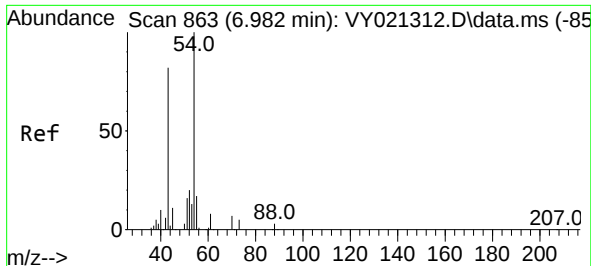
Tgt Ion:113 Resp: 94236
Ion Ratio Lower Upper
113 100
111 102.1 81.0 121.6
192 19.7 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.521 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 75 Resp: 13040
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 7.1 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.934 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227

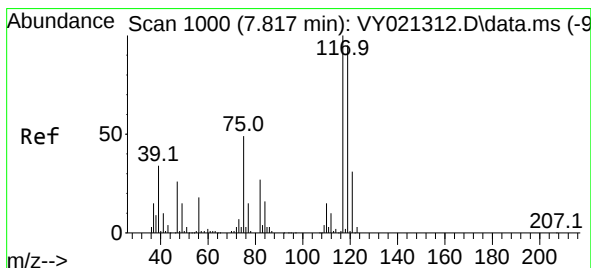
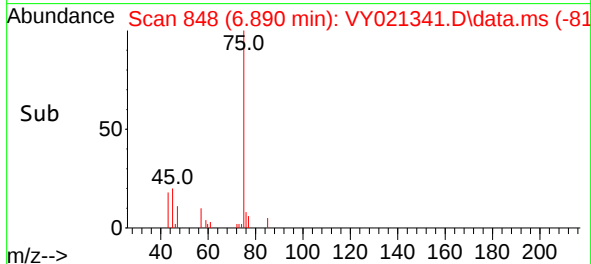
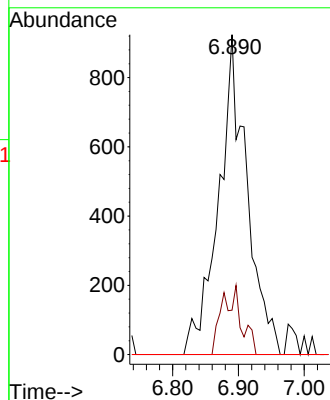
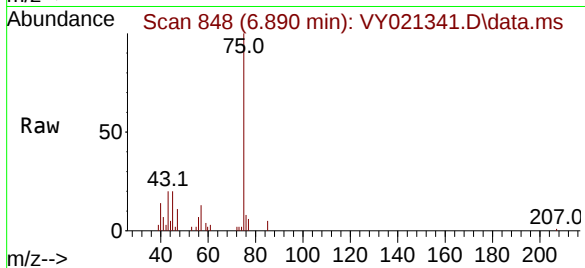
Tgt Ion: 43 Resp: 2775

Ion Ratio Lower Upper

43 100

61 14.8 10.4 15.6

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.012 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

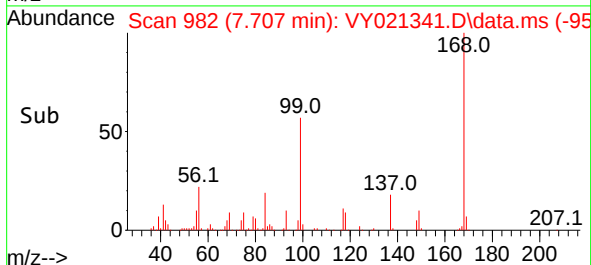
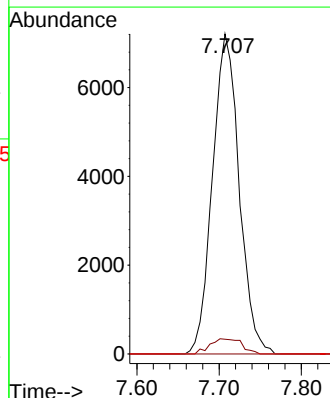
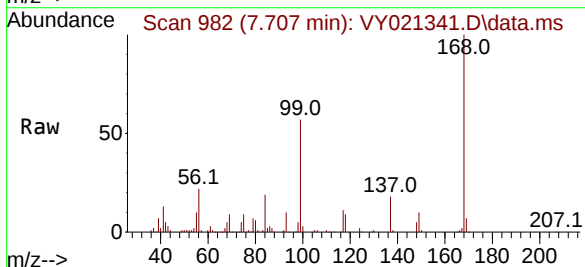
Tgt Ion: 117 Resp: 16251

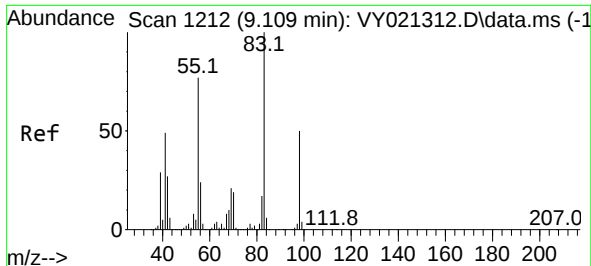
Ion Ratio Lower Upper

117 100

119 4.6 76.0 114.0#

121 0.0 24.9 37.3#





#39

Methylcyclohexane

Concen: 53.325 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227

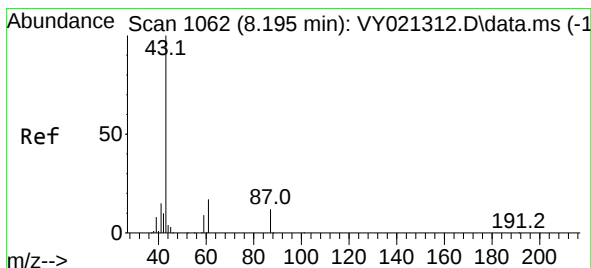
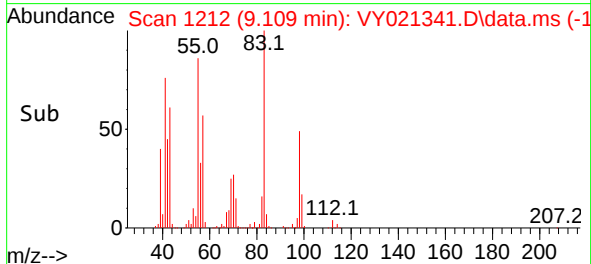
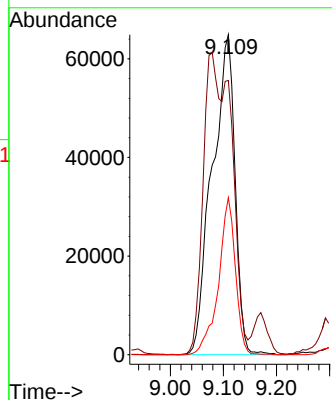
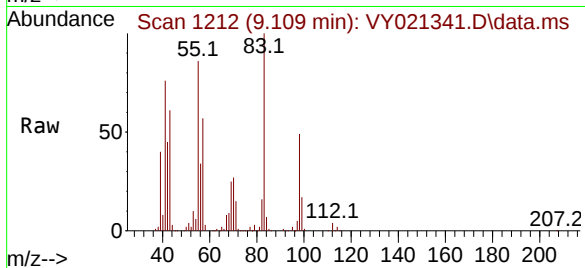
Tgt Ion: 83 Resp: 194514

Ion Ratio Lower Upper

83 100

55 85.7 61.3 91.9

98 49.0 39.9 59.9



#43

Isopropyl Acetate

Concen: 13.699 ug/l

RT: 8.189 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

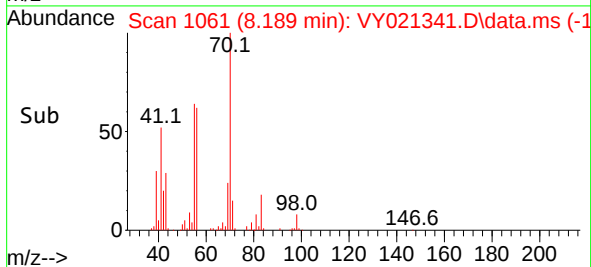
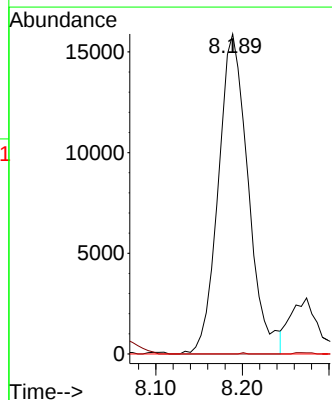
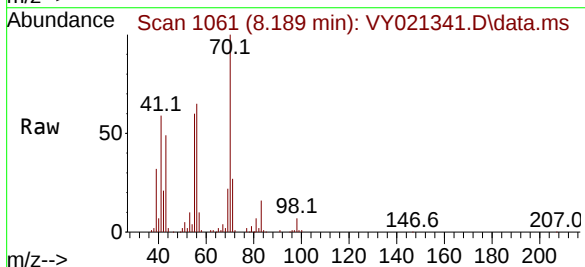
Tgt Ion: 43 Resp: 38038

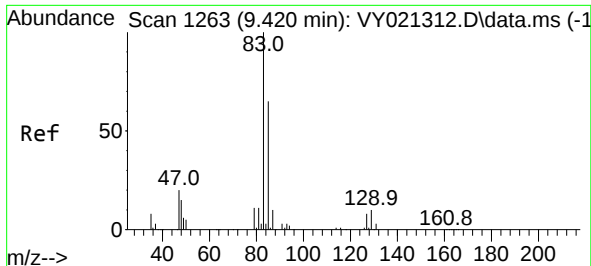
Ion Ratio Lower Upper

43 100

61 0.0 15.0 22.6#

87 0.0 10.0 15.0#

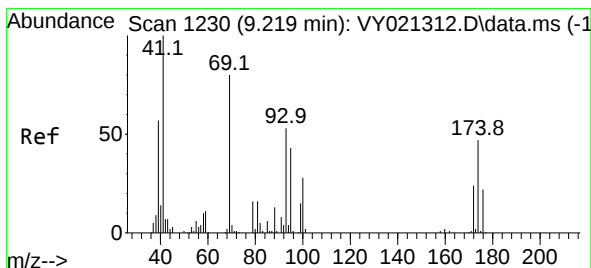
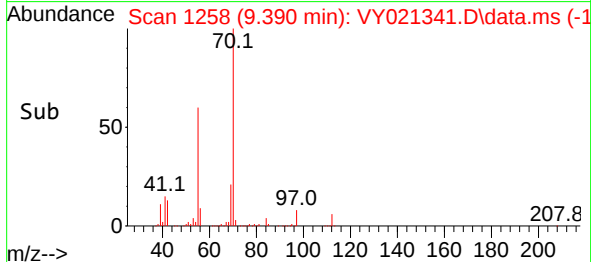
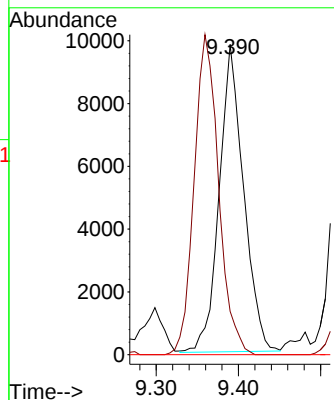
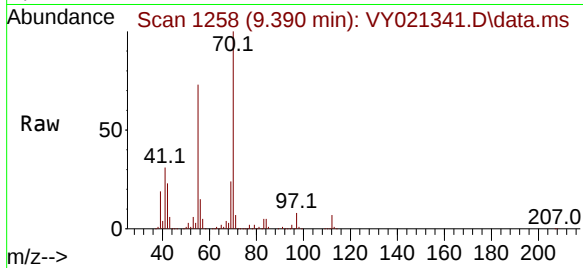




#47
Bromodichloromethane
Concen: 6.749 ug/l
RT: 9.390 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

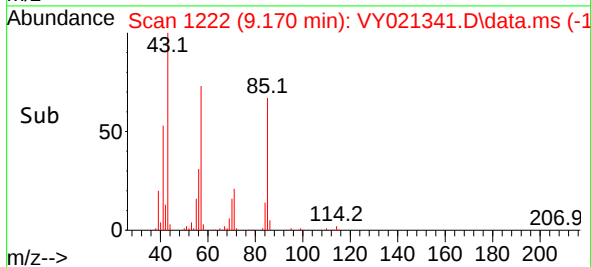
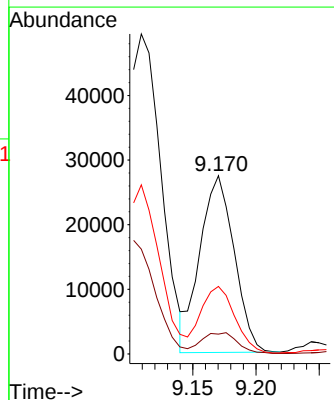
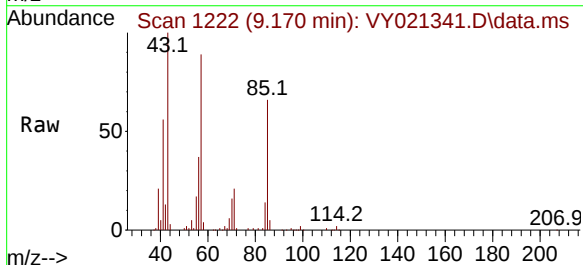
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

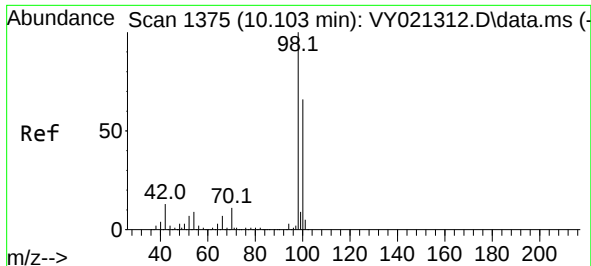
Tgt Ion: 83 Resp: 20180
Ion Ratio Lower Upper
83 100
85 14.2 51.8 77.8#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 39.770 ug/l
RT: 9.170 min Scan# 1222
Delta R.T. -0.049 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 41 Resp: 51641
Ion Ratio Lower Upper
41 100
69 12.1 63.3 94.9#
39 36.6 45.0 67.6#

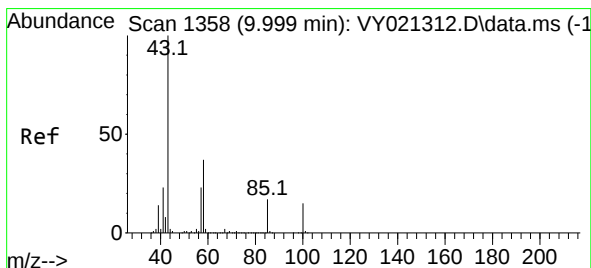
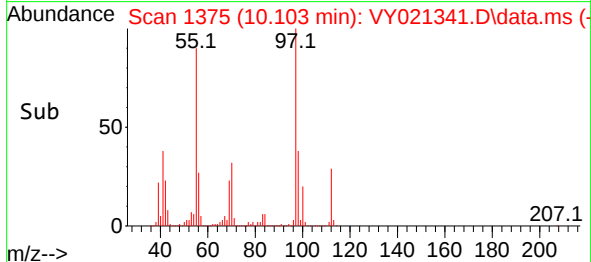
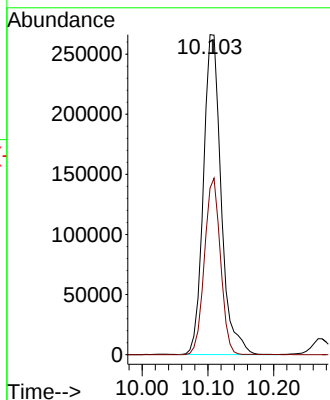
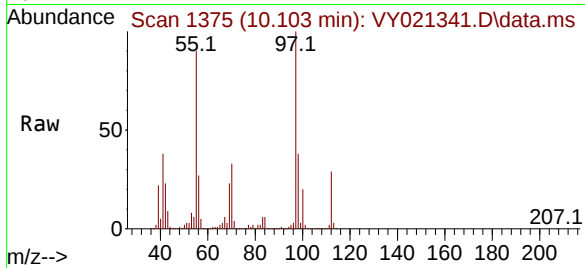




#50
Toluene-d8
Concen: 67.367 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

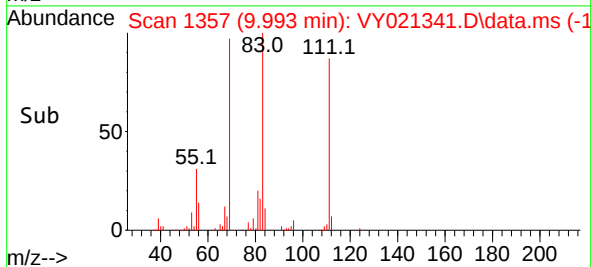
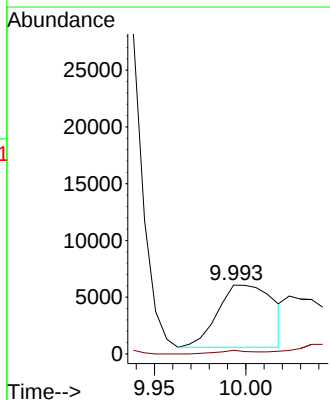
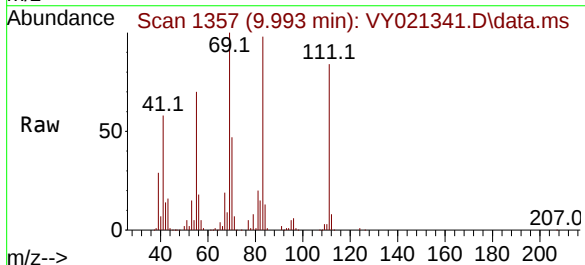
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

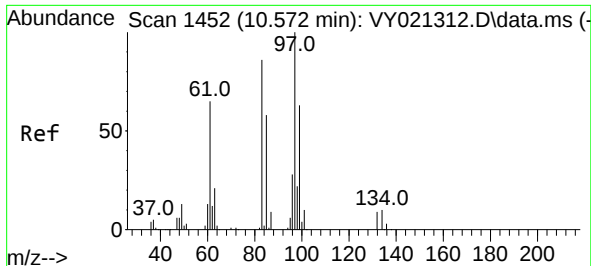
Tgt Ion: 98 Resp: 499871
Ion Ratio Lower Upper
98 100
100 49.6 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 8.161 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 43 Resp: 11600
Ion Ratio Lower Upper
43 100
58 3.4 30.1 45.1#

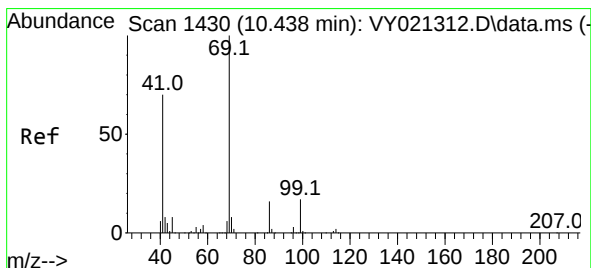
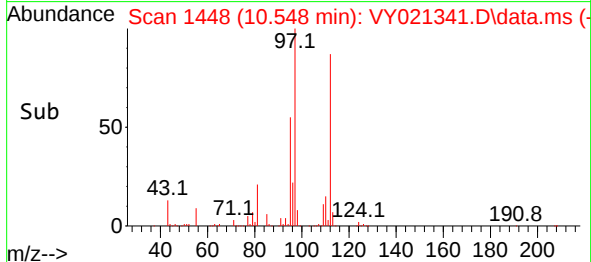
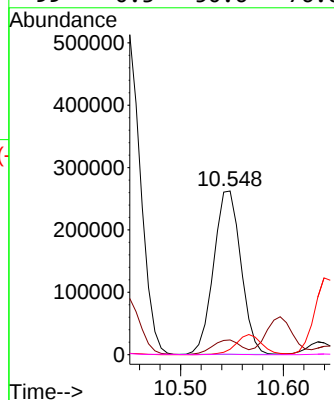
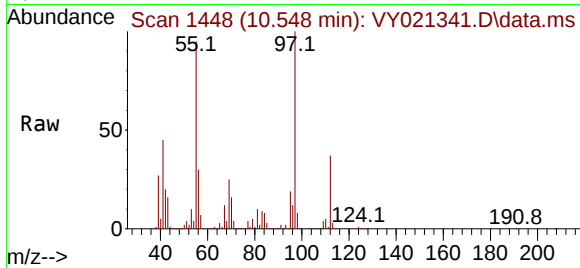




#55
1,1,2-Trichloroethane
Concen: 330.468 ug/l
RT: 10.548 min Scan# 1452
Delta R.T. -0.024 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

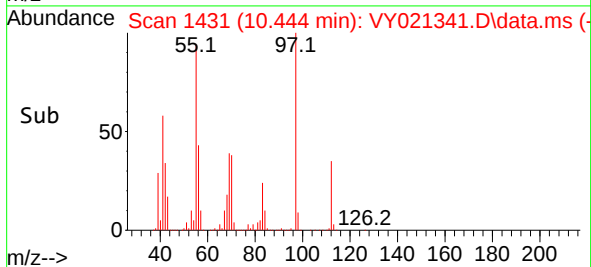
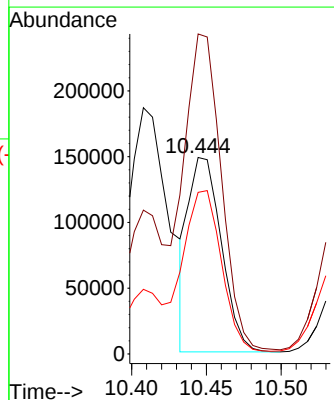
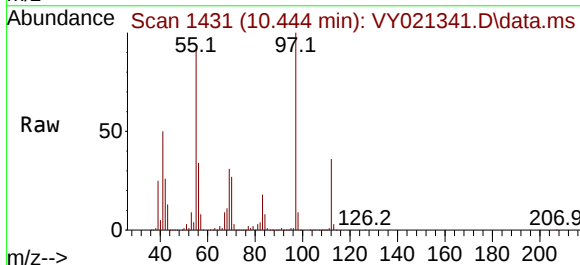
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

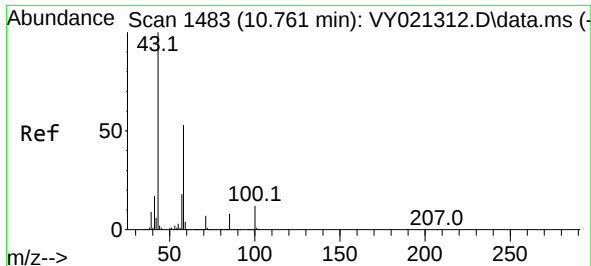
Tgt Ion: 97 Resp: 482801
Ion Ratio Lower Upper
97 100
83 8.9 68.7 103.1#
85 3.3 46.3 69.5#
99 0.3 50.6 76.0#



#56
Ethyl methacrylate
Concen: 111.999 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 69 Resp: 226092
Ion Ratio Lower Upper
69 100
41 180.1 56.2 84.4#
39 98.2 32.7 49.1#

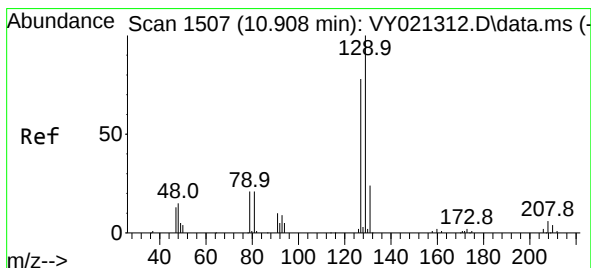
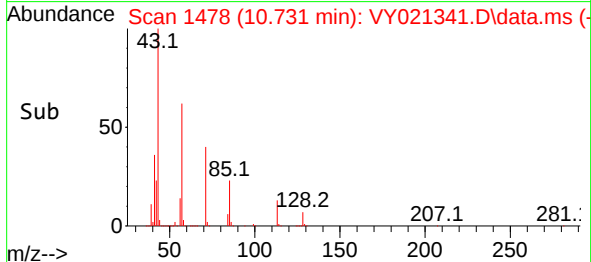
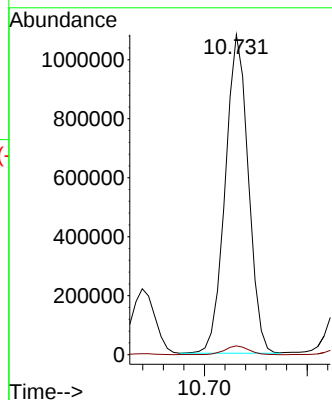
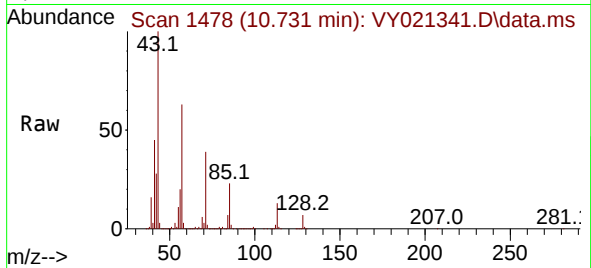




#59
2-Hexanone
Concen: 1804.650 ug/l
RT: 10.731 min Scan# 1494
Delta R.T. -0.030 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

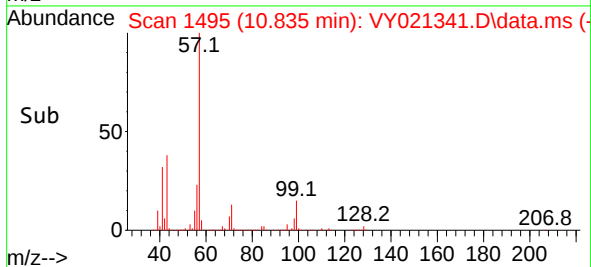
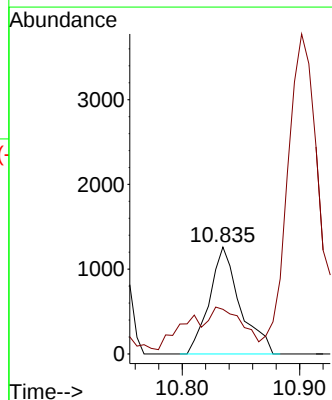
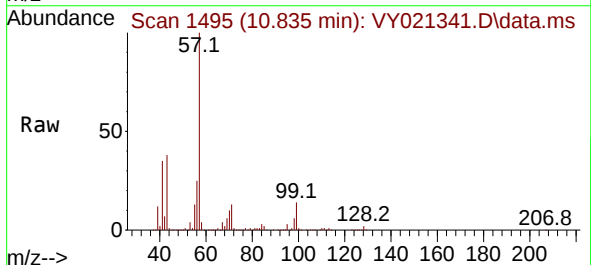
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

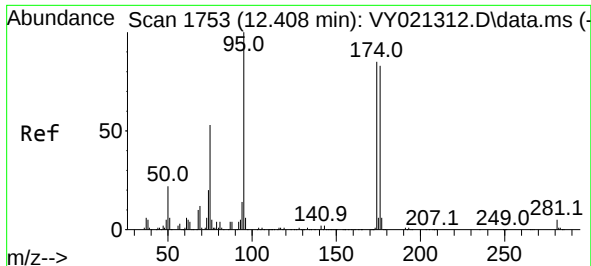
Tgt Ion: 43 Resp: 1684646
Ion Ratio Lower Upper
43 100
58 2.8 25.9 77.6#



#60
Dibromochloromethane
Concen: 1.146 ug/l
RT: 10.835 min Scan# 1495
Delta R.T. -0.073 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 129 Resp: 2280
Ion Ratio Lower Upper
129 100
127 39.8 38.8 116.4

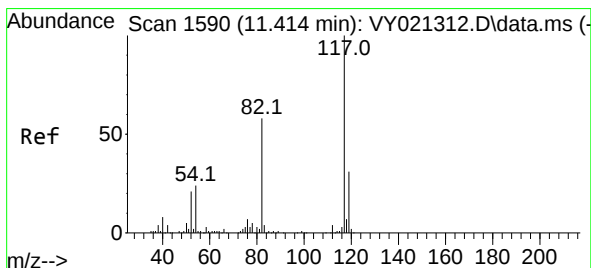
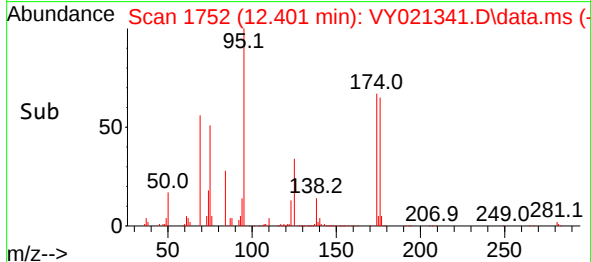
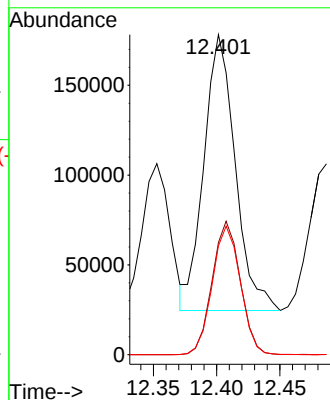
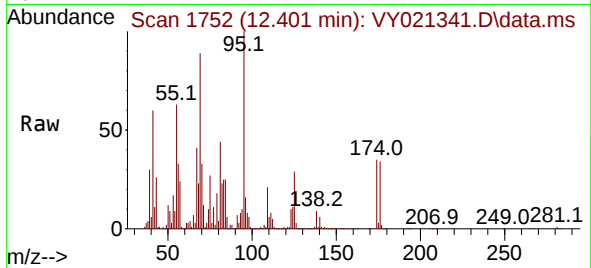




#62
4-Bromofluorobenzene
Concen: 105.934 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

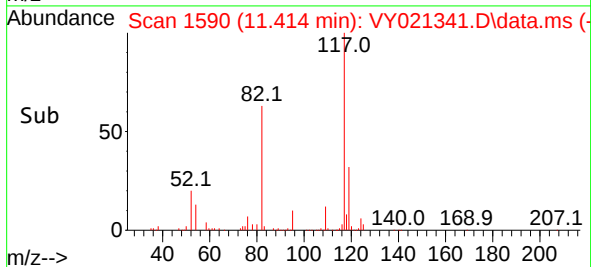
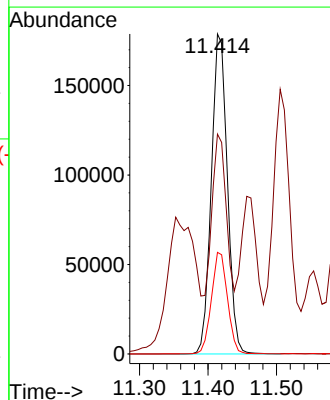
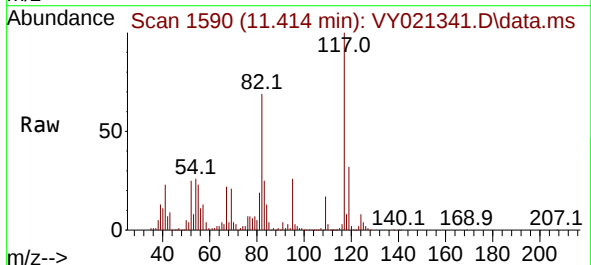
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

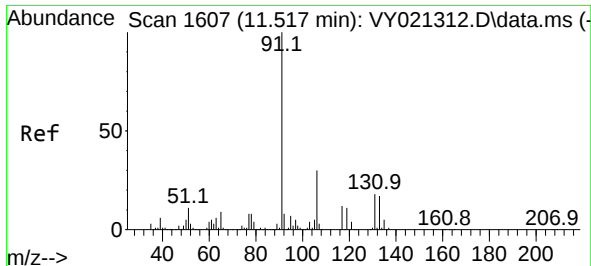
Tgt Ion: 95 Resp: 264539
Ion Ratio Lower Upper
95 100
174 43.4 0.0 168.0
176 41.9 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion:117 Resp: 290062
Ion Ratio Lower Upper
117 100
82 28.4 46.2 69.4#
119 31.7 24.9 37.3





#67

Ethyl Benzene

Concen: 1.055 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

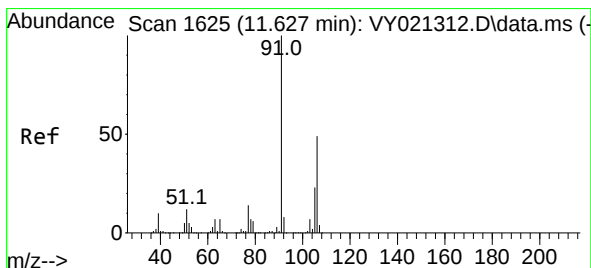
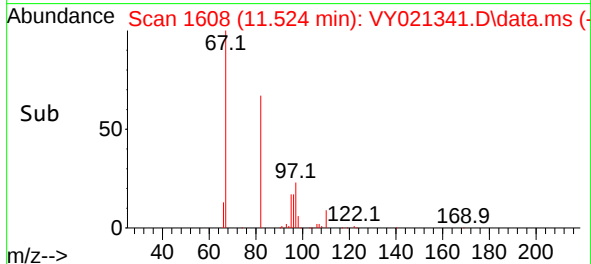
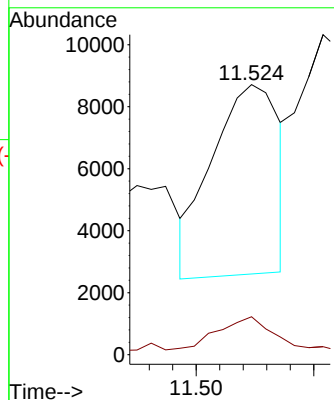
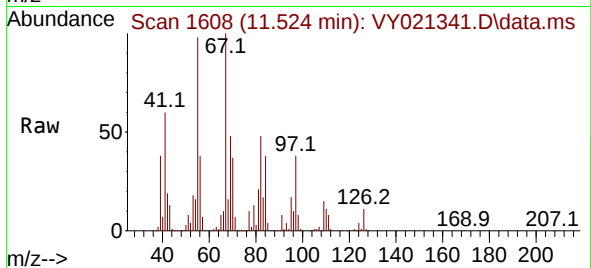
VNJ-227

Tgt Ion: 91 Resp: 12168

Ion Ratio Lower Upper

91 100

106 23.6 24.4 36.6#



#68

m/p-Xylenes

Concen: 1.999 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.006 min

Lab File: VY021341.D

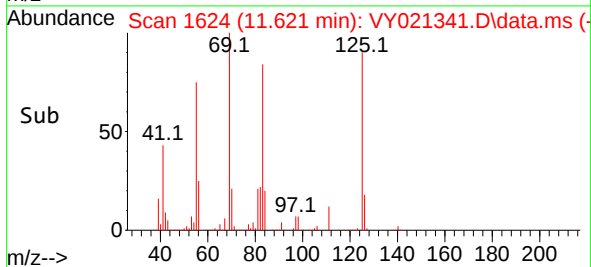
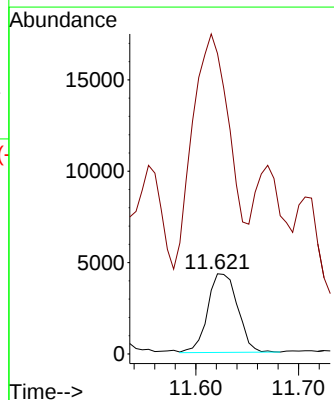
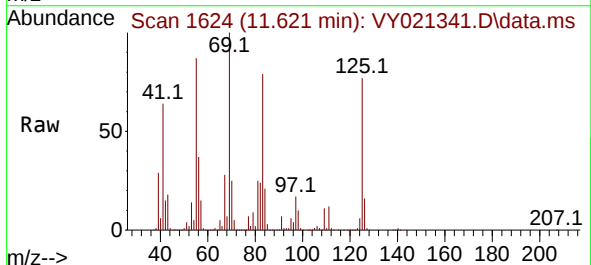
Acq: 26 Feb 2025 18:58

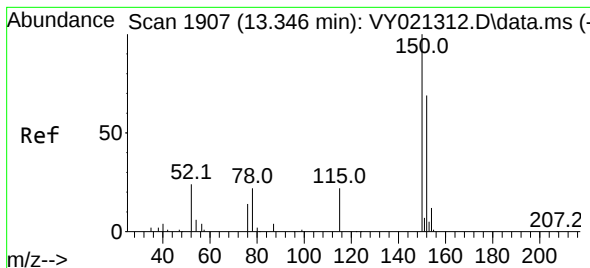
Tgt Ion:106 Resp: 8670

Ion Ratio Lower Upper

106 100

91 441.3 163.9 245.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227

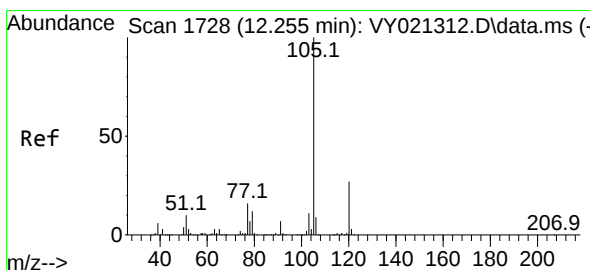
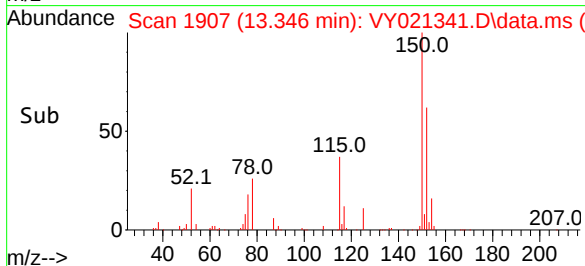
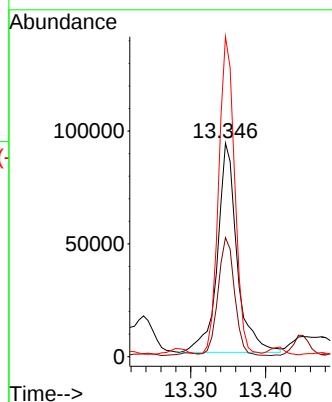
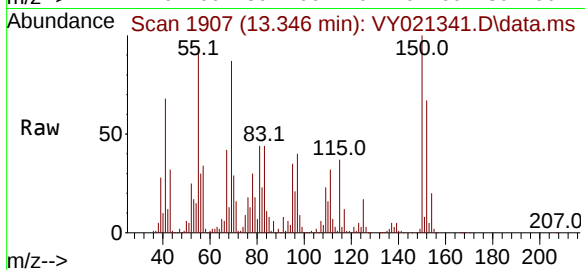
Tgt Ion:152 Resp: 169059

Ion Ratio Lower Upper

152 100

115 47.3 29.3 88.0

150 124.0 0.0 347.4



#73

Isopropylbenzene

Concen: 17.845 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021341.D

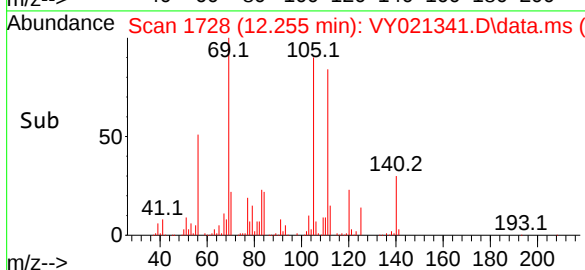
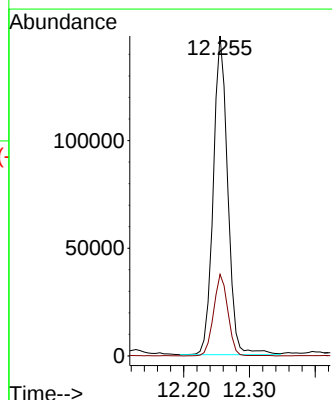
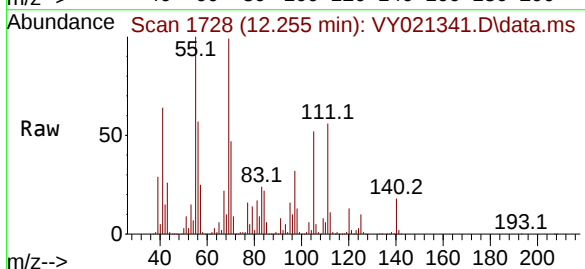
Acq: 26 Feb 2025 18:58

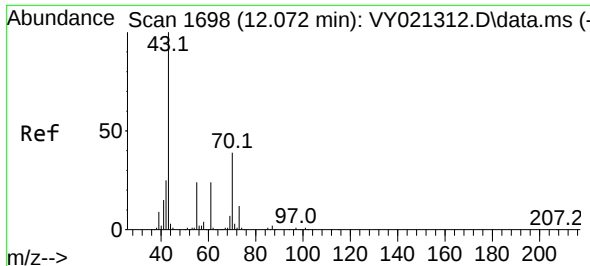
Tgt Ion:105 Resp: 226800

Ion Ratio Lower Upper

105 100

120 25.2 13.3 39.8

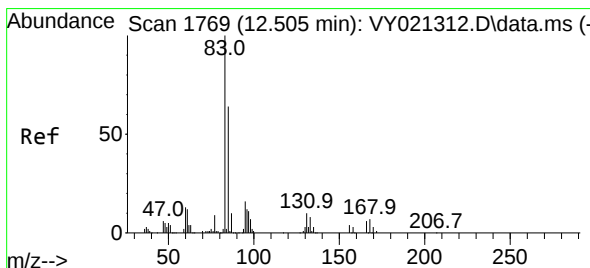
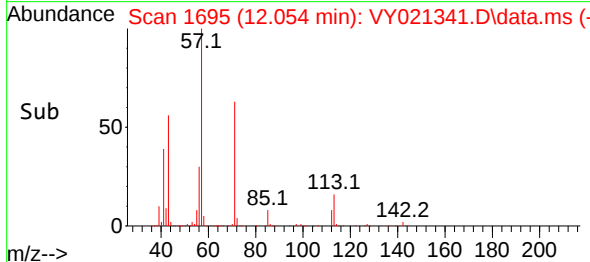
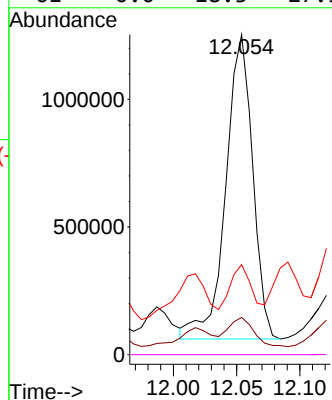
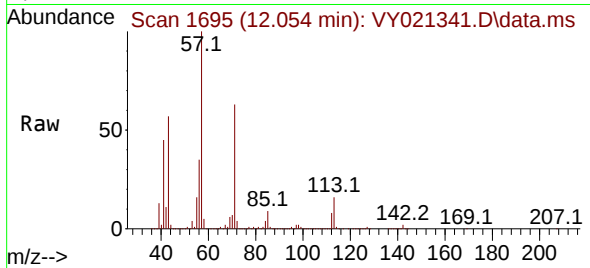




#74
N-amy1 acetate
Concen: 546.245 ug/l
RT: 12.054 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

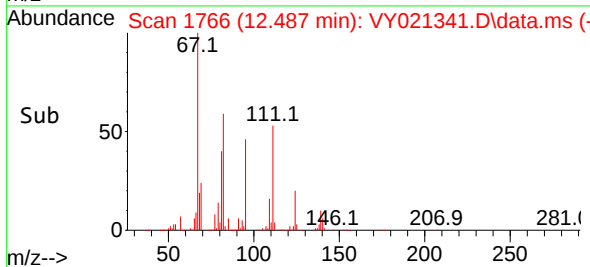
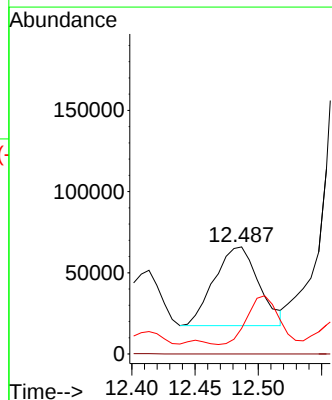
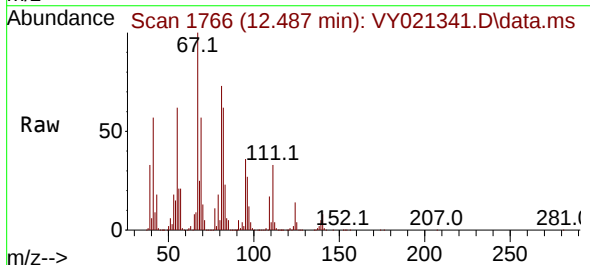
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

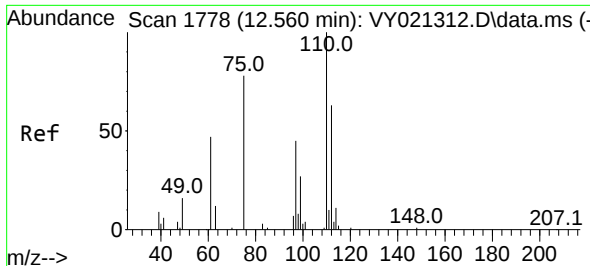
Tgt Ion: 43 Resp: 1764673
Ion Ratio Lower Upper
43 100
70 8.9 32.2 48.2#
55 23.2 19.6 29.4
61 0.0 18.3 27.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 52.953 ug/l
RT: 12.487 min Scan# 1766
Delta R.T. -0.018 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 83 Resp: 118778
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 43.9 32.0 96.0

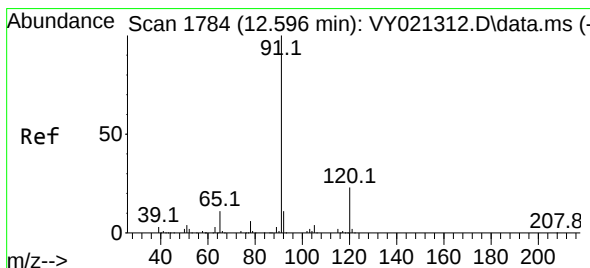
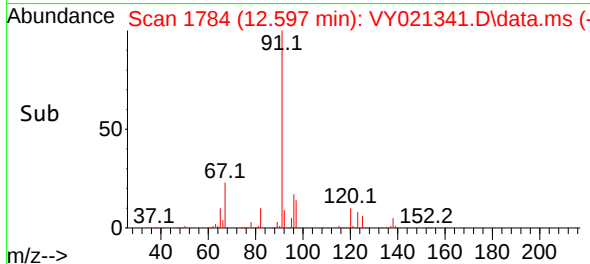
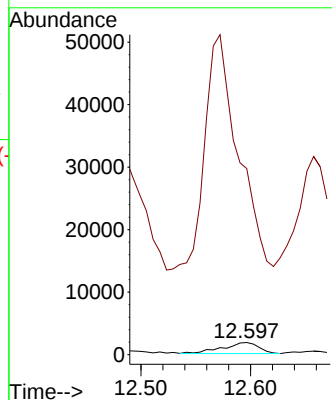
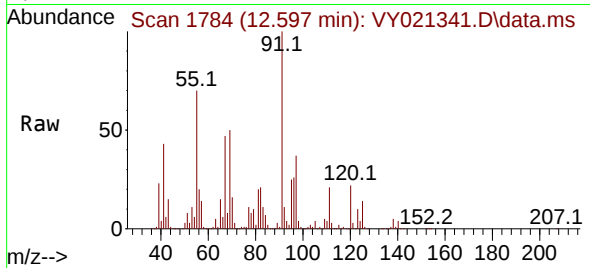




#76
1,2,3-Trichloropropane
Concen: 2.371 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.037 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

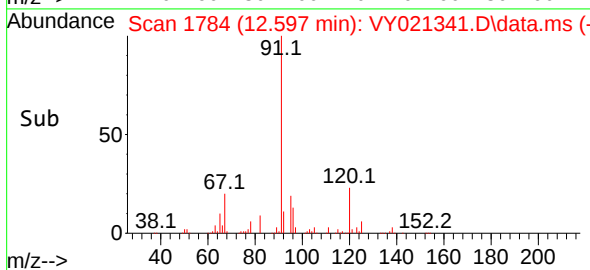
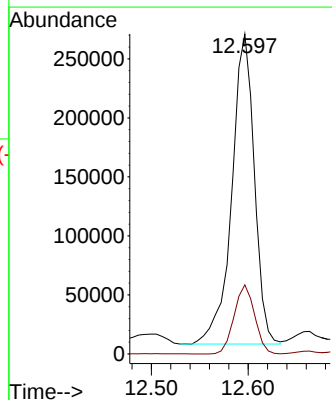
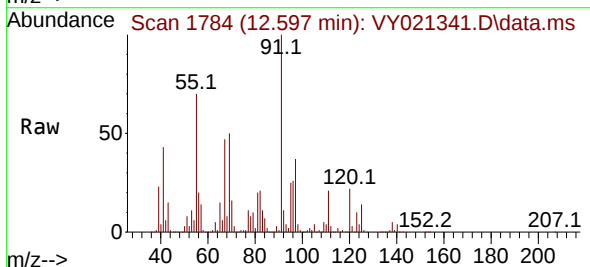
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

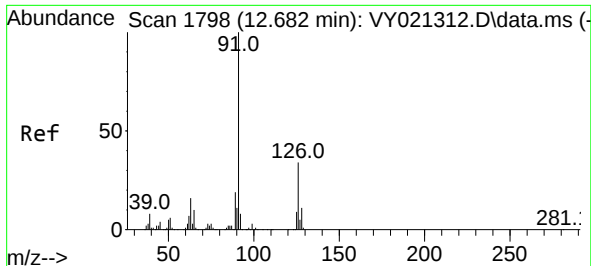
Tgt Ion: 75 Resp: 4012
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 27.614 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 91 Resp: 425887
Ion Ratio Lower Upper
91 100
120 20.2 11.2 33.5

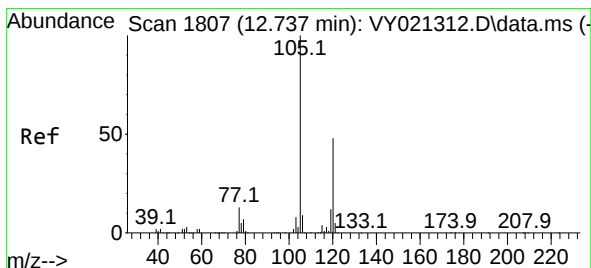
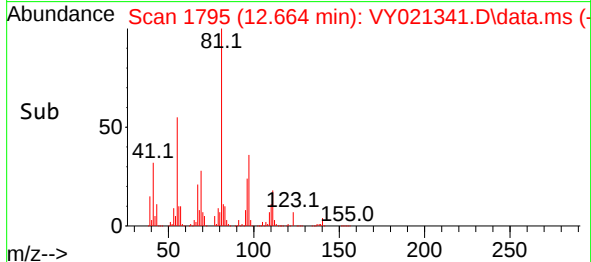
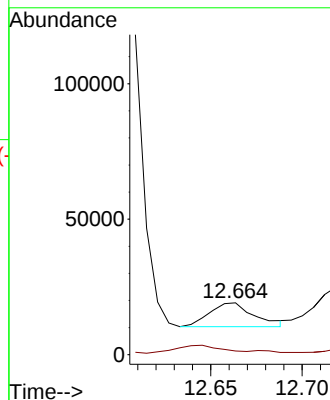
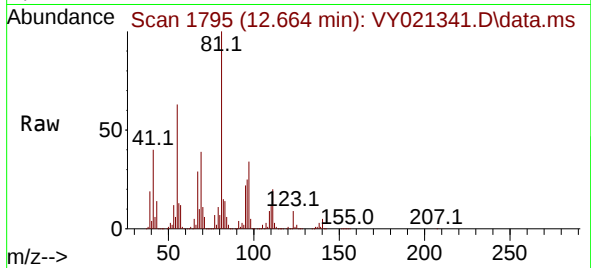




#79
2-Chlorotoluene
Concen: 1.687 ug/l
RT: 12.664 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

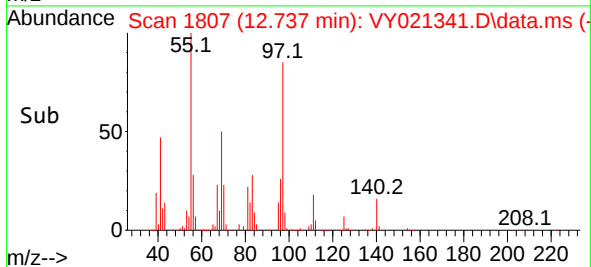
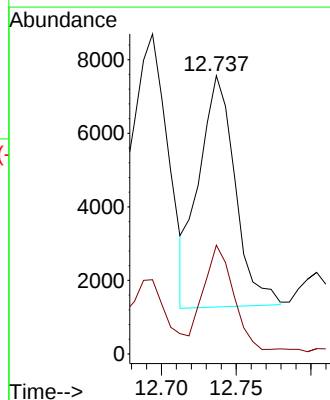
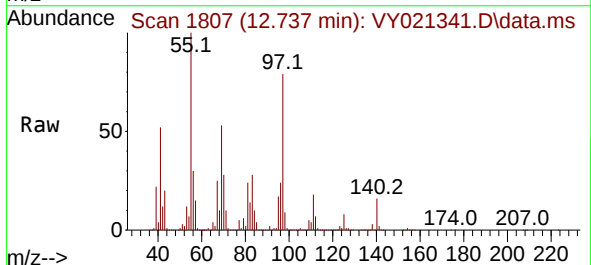
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

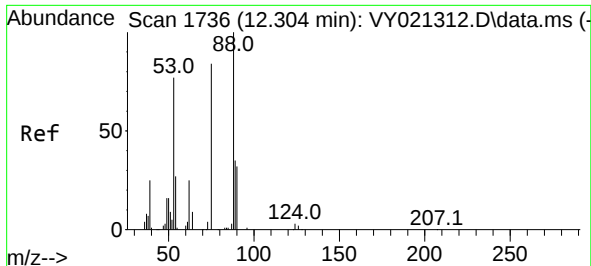
Tgt Ion: 91 Resp: 14931
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 1.020 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 105 Resp: 10634
Ion Ratio Lower Upper
105 100
120 36.4 24.3 73.0

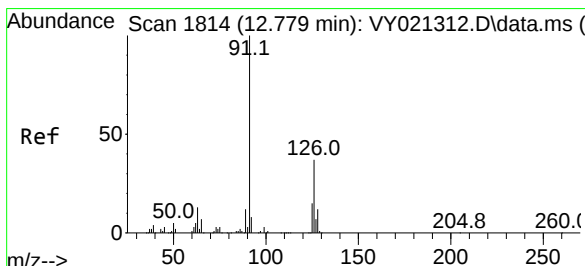
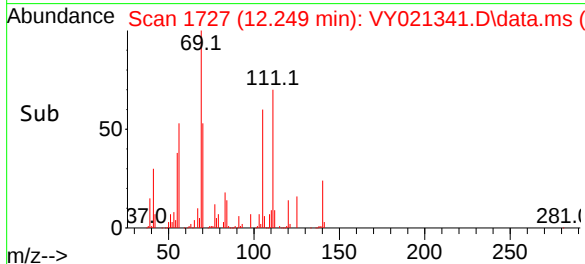
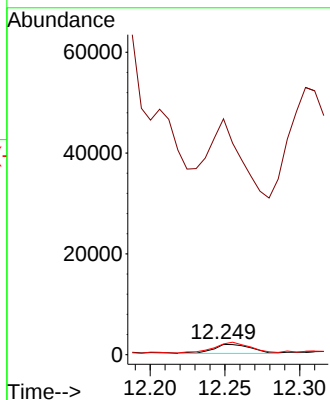
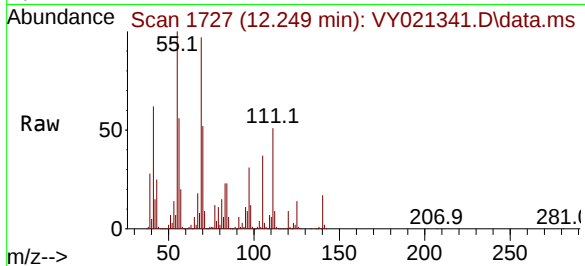




#81
trans-1,4-Dichloro-2-butene
Concen: 4.136 ug/l
RT: 12.249 min Scan# 1795
Delta R.T. -0.055 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

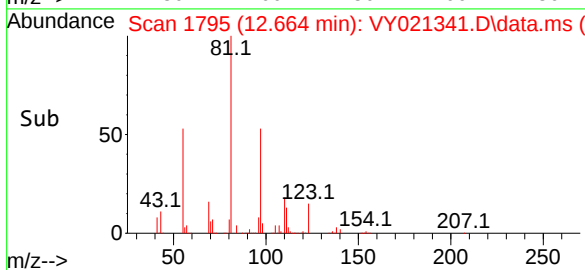
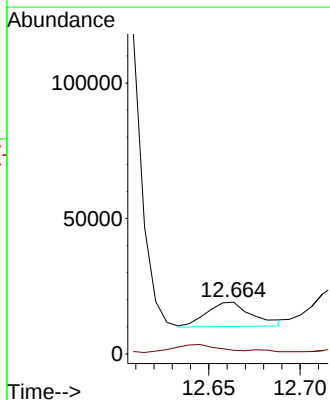
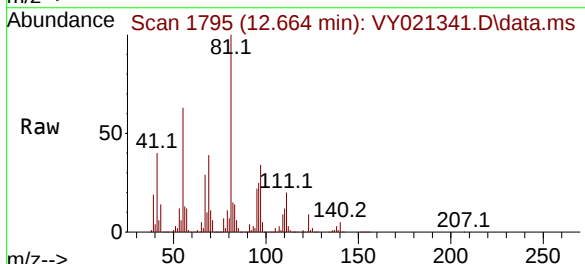
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

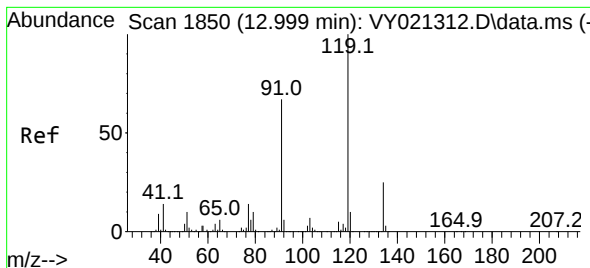
Tgt Ion: 75 Resp: 3149
Ion Ratio Lower Upper
75 100
53 693.9 79.1 118.7#
89 122.1 35.6 53.4#



#82
4-Chlorotoluene
Concen: 1.695 ug/l
RT: 12.664 min Scan# 1795
Delta R.T. -0.116 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 91 Resp: 15550
Ion Ratio Lower Upper
91 100
126 32.9 16.8 50.4





#83

tert-Butylbenzene

Concen: 2.948 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227

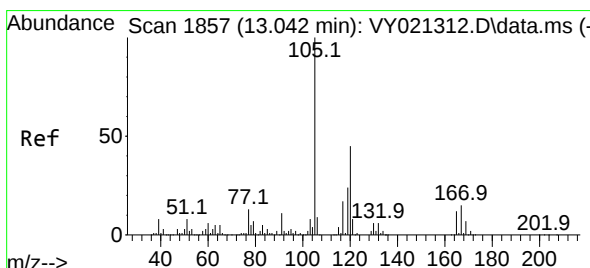
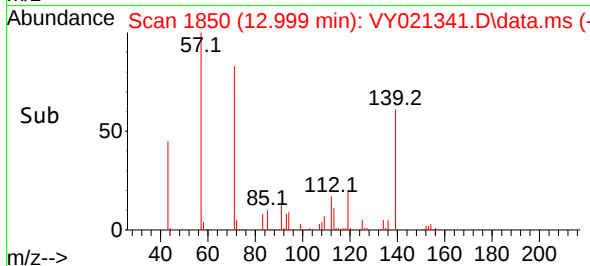
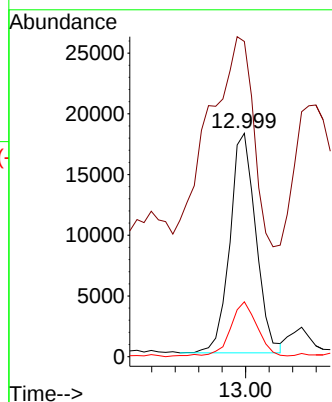
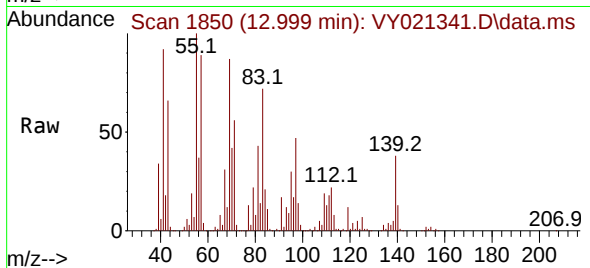
Tgt Ion:119 Resp: 27757

Ion Ratio Lower Upper

119 100

91 162.0 32.7 98.1#

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 2.230 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021341.D

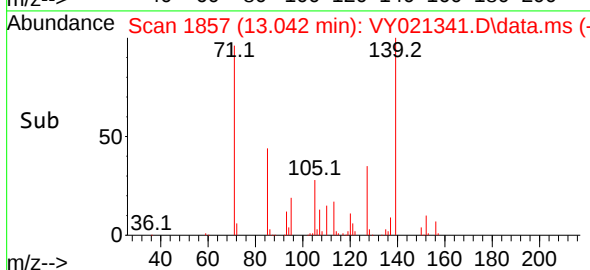
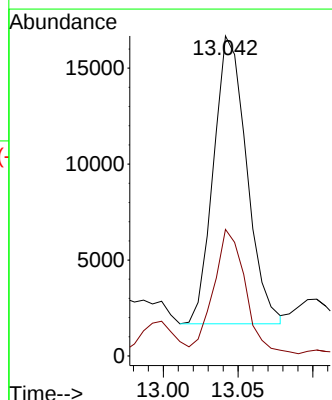
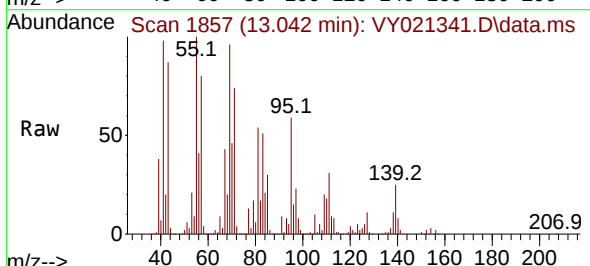
Acq: 26 Feb 2025 18:58

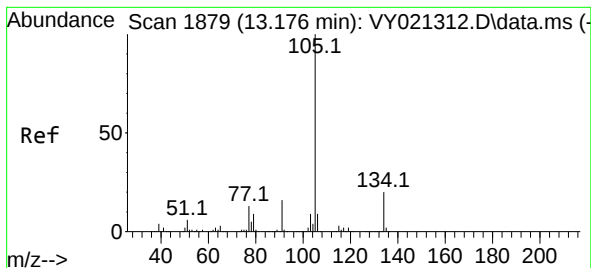
Tgt Ion:105 Resp: 23116

Ion Ratio Lower Upper

105 100

120 41.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 43.899 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

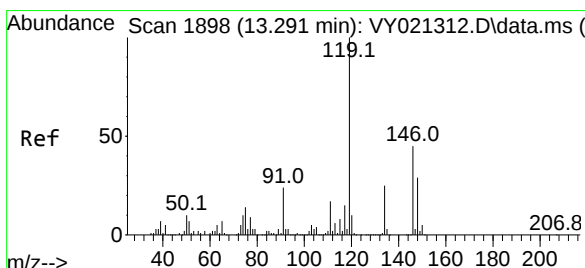
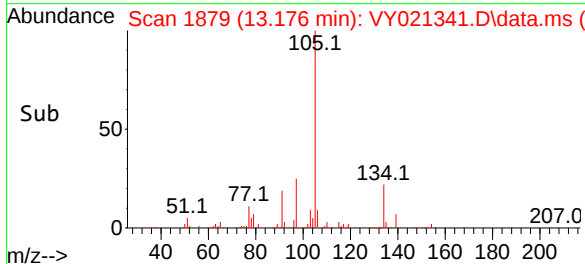
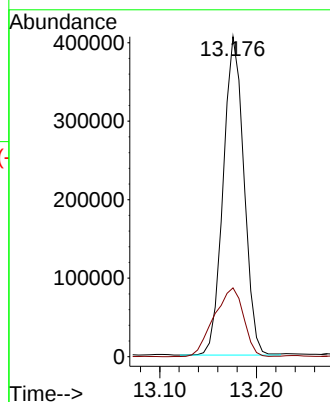
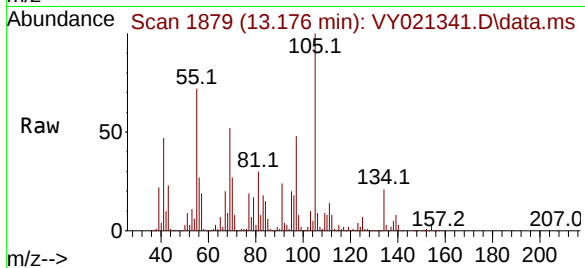
VNJ-227

Tgt Ion:105 Resp: 603788

Ion Ratio Lower Upper

105 100

134 30.8 10.0 30.0#



#86

p-Isopropyltoluene

Concen: 1.577 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

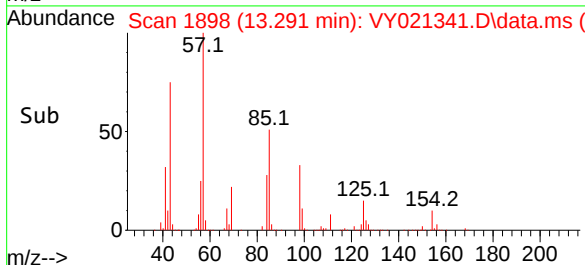
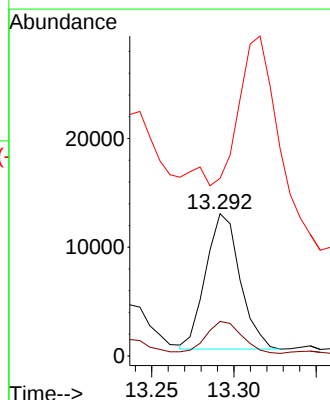
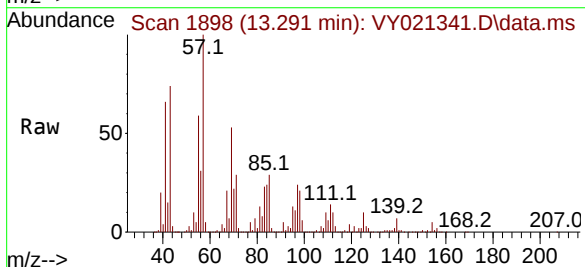
Tgt Ion:119 Resp: 18106

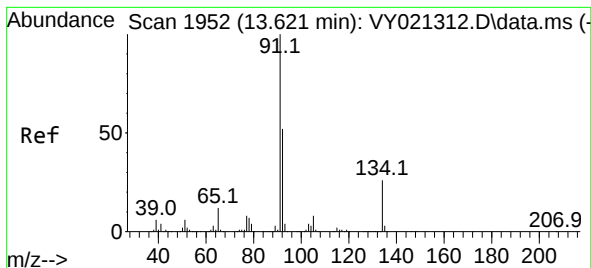
Ion Ratio Lower Upper

119 100

134 0.0 13.0 38.9#

91 0.0 12.0 36.1#





#89

n-Butylbenzene

Concen: 21.891 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021341.D

Acq: 26 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227

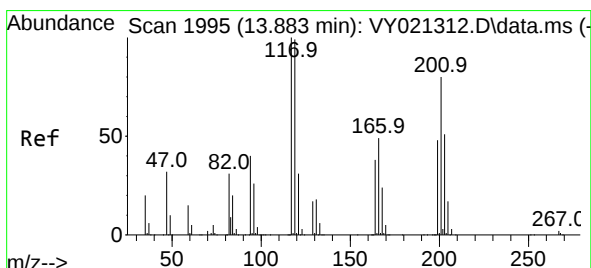
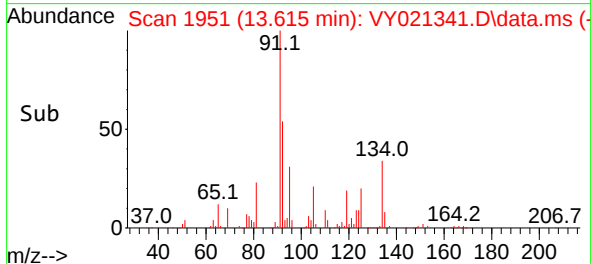
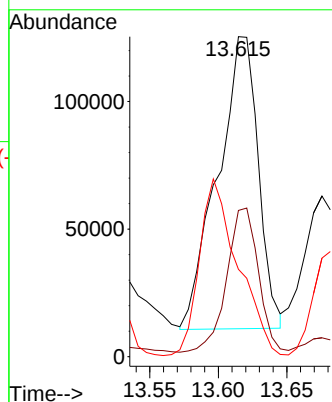
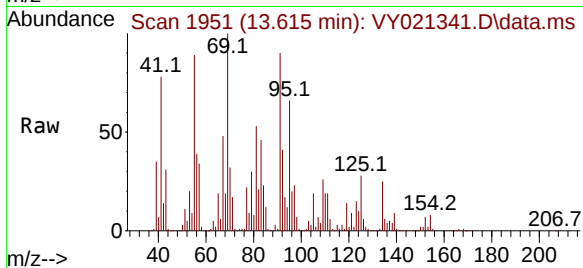
Tgt Ion: 91 Resp: 236595

Ion Ratio Lower Upper

91 100

92 38.4 26.4 79.2

134 0.0 12.7 38.0#



#90

Hexachloroethane

Concen: 41.639 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY021341.D

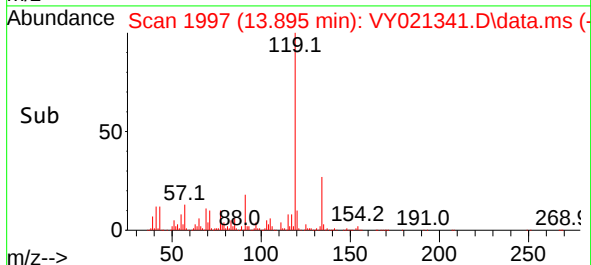
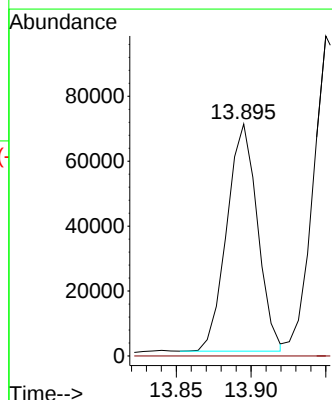
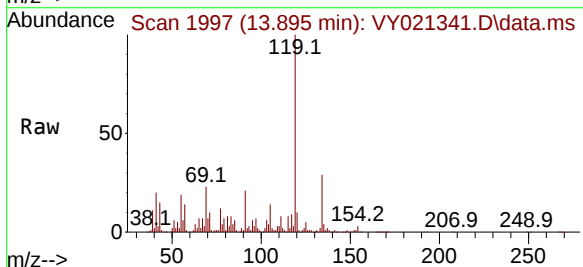
Acq: 26 Feb 2025 18:58

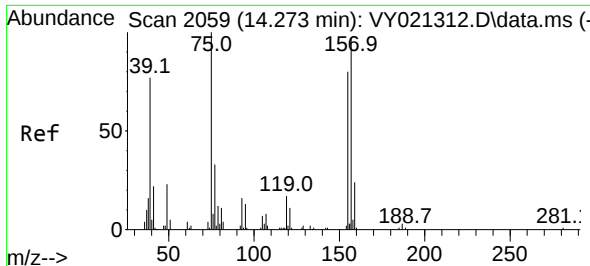
Tgt Ion: 117 Resp: 99891

Ion Ratio Lower Upper

117 100

201 0.0 38.4 115.2#

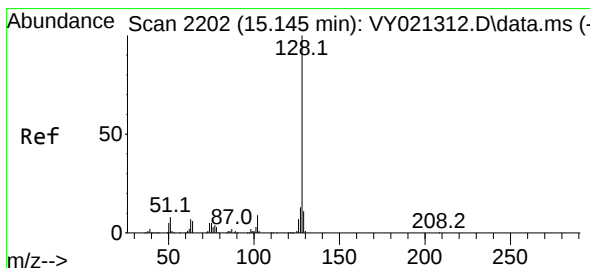
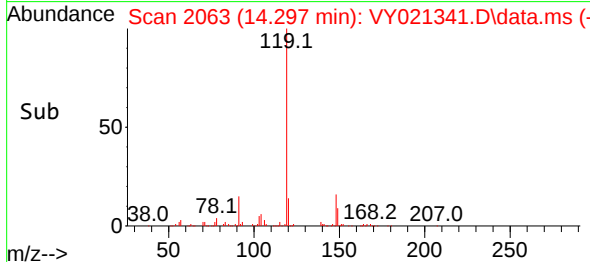
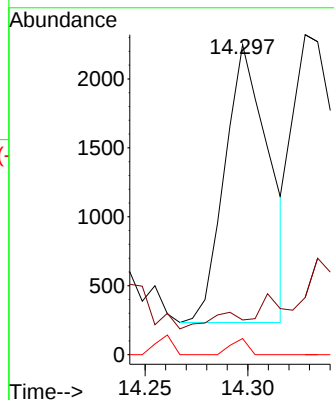
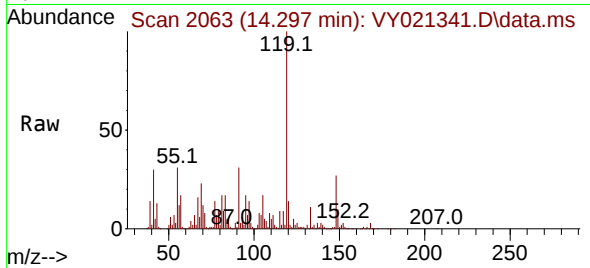




#92
1,2-Dibromo-3-Chloropropane
Concen: 8.415 ug/l
RT: 14.297 min Scan# 2059
Delta R.T. 0.024 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

Tgt Ion: 75 Resp: 2986
Ion Ratio Lower Upper
75 100
155 0.0 41.9 125.6#
157 2.2 52.5 157.6#



#95
Naphthalene
Concen: 2.757 ug/l
RT: 15.114 min Scan# 2197
Delta R.T. -0.030 min
Lab File: VY021341.D
Acq: 26 Feb 2025 18:58

Tgt Ion: 128 Resp: 14282
Ion Ratio Lower Upper
128 100
127 48.4 10.5 15.7#
129 83.6 8.5 12.7#

