

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021361.D
 Acq On : 27 Feb 2025 16:22
 Operator : SY/MD
 Sample : Q1427-01
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-227RE

Quant Time: Feb 28 00:42:57 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	95376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	168030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154818	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	120893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	58758	54.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.634	113	55926	50.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.540%	
50) Toluene-d8	10.103	98	364750	85.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 171.340%#	
62) 4-Bromofluorobenzene	12.402	95	244804	170.854	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 341.700%#	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.836	59	612	7.354	ug/l	# 72
13) Acrolein	3.848	56	2471	38.746	ug/l	84
15) Acrylonitrile	5.135	53	2514	10.944	ug/l	# 41
16) Acetone	3.854	43	10789	51.984	ug/l	# 83
18) Methyl Acetate	4.592	43	18579	36.630	ug/l	# 54
20) Methylene Chloride	4.622	84	5876	5.236	ug/l	# 79
25) 2-Butanone	6.890	43	3491	11.145	ug/l	# 69
31) Cyclohexane	7.701	56	49745	26.078	ug/l	98
36) 1,1-Dichloropropene	7.707	75	8024	4.849	ug/l	# 62
38) Carbon Tetrachloride	7.707	117	9824	5.281	ug/l	# 16
39) Methylcyclohexane	9.103	83	251095	119.971	ug/l	91
43) Isopropyl Acetate	8.189	43	48282	30.305	ug/l	# 63
47) Bromodichloromethane	9.390	83	27830	16.221	ug/l	# 38
48) Methyl methacrylate	9.170	41	71861	96.453	ug/l	# 46
51) 4-Methyl-2-Pentanone	10.000	43	16641	20.404	ug/l	# 37
55) 1,1,2-Trichloroethane	10.542	97	613630	732.031	ug/l	# 19
56) Ethyl methacrylate	10.445	69	284736	245.829	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.731	63	1059	1.905	ug/l	# 48
59) 2-Hexanone	10.731	43	2422014	4521.914	ug/l	# 30
60) Dibromochloromethane	10.835	129	3471	3.040	ug/l	82
61) 1,2-Dibromoethane	11.018	107	4081	5.142	ug/l	# 3
65) Chlorobenzene	11.457	112	6797	1.956	ug/l	# 43
67) Ethyl Benzene	11.518	91	13842	2.249	ug/l	90
68) m/p-Xylenes	11.627	106	12056	5.207	ug/l	# 1
69) o-Xylene	11.950	106	4696	2.165	ug/l	# 1
73) Isopropylbenzene	12.255	105	219230	24.121	ug/l	98
74) N-amyl acetate	12.054	43	2651663	1147.833	ug/l	# 64
75) 1,1,2,2-Tetrachloroethane	12.487	83	169535	105.693	ug/l	# 79
76) 1,2,3-Trichloropropane	12.591	75	4415	3.649	ug/l	# 100
78) n-propylbenzene	12.597	91	451626	40.949	ug/l	94
79) 2-Chlorotoluene	12.658	91	23658	3.738	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	19976	2.680	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.249	75	2738	5.029	ug/l	# 1
82) 4-Chlorotoluene	12.658	91	26098	3.978	ug/l	95
83) tert-Butylbenzene	12.999	119	31400	4.663	ug/l	# 1
84) 1,2,4-Trimethylbenzene	13.042	105	41213	5.559	ug/l	93

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QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

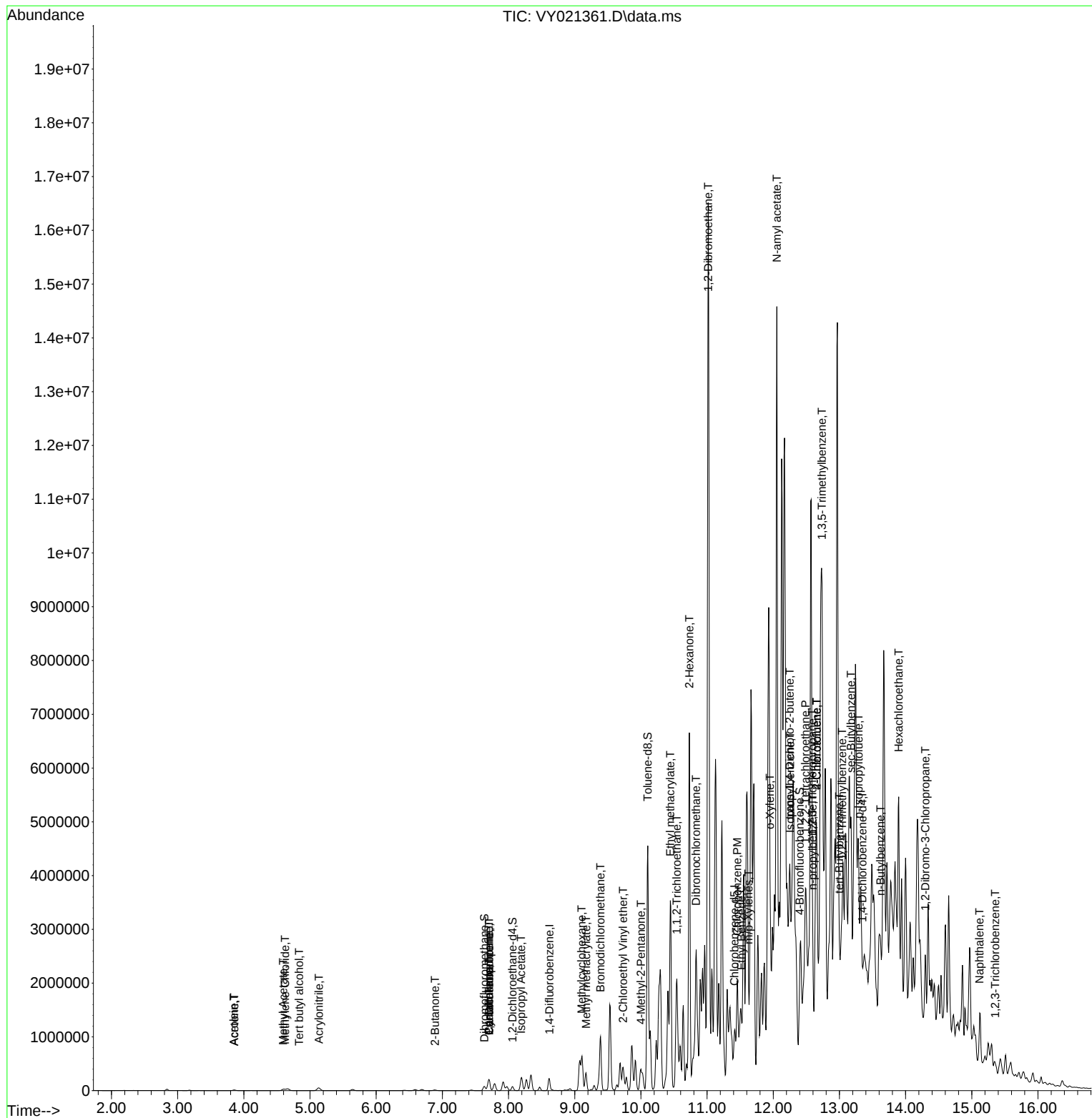
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.176	105	723028	73.512	ug/l #	77
86) p-Isopropyltoluene	13.292	119	24673	3.004	ug/l #	1
89) n-Butylbenzene	13.621	91	309757	40.080	ug/l #	71
90) Hexachloroethane	13.895	117	124800	72.749	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.298	75	4290	16.907	ug/l #	4
95) Naphthalene	15.114	128	22689	6.126	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.352	180	2435	1.289	ug/l #	12

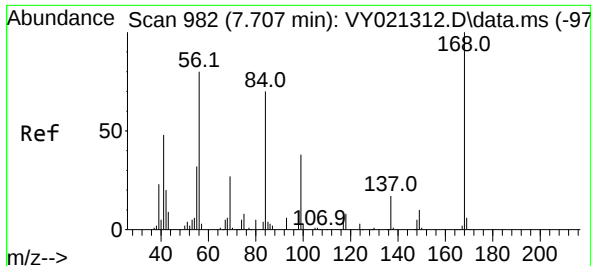
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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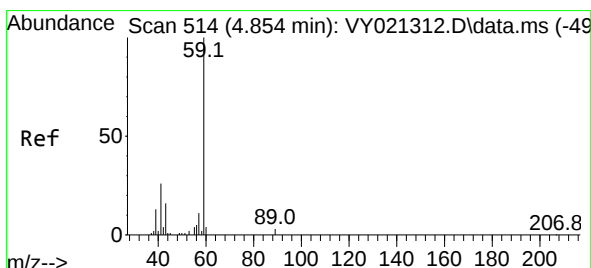
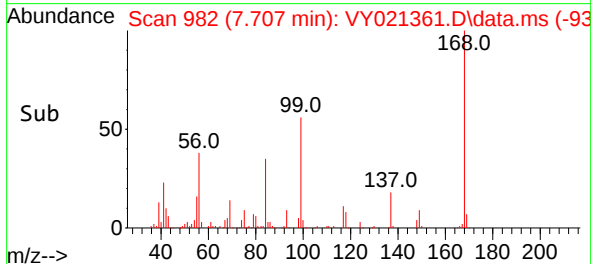
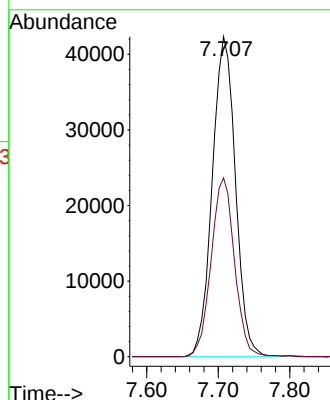
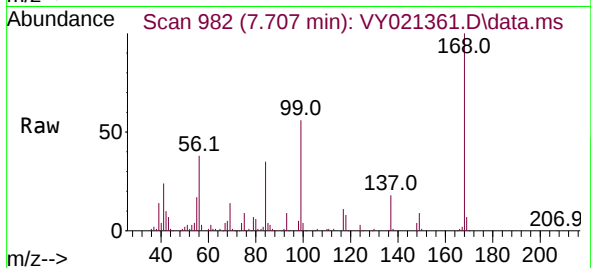




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

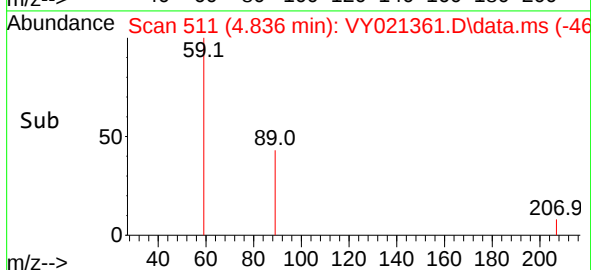
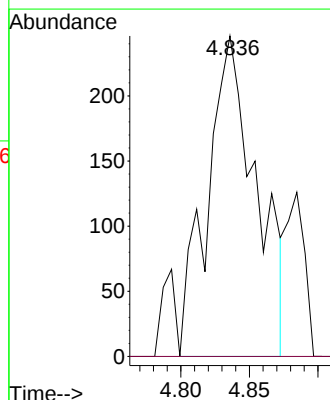
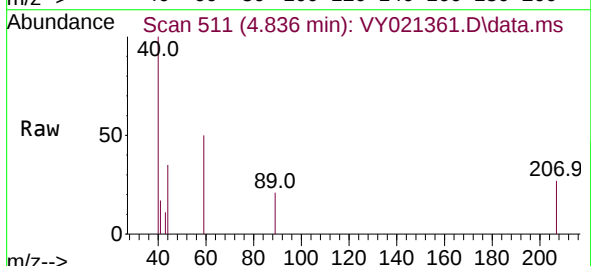
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

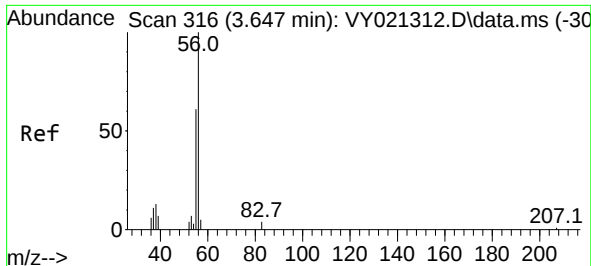
Tgt Ion:168 Resp: 95376
Ion Ratio Lower Upper
168 100
99 55.9 47.1 70.7



#11
Tert butyl alcohol
Concen: 7.354 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

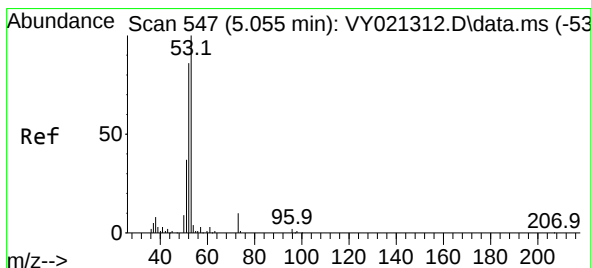
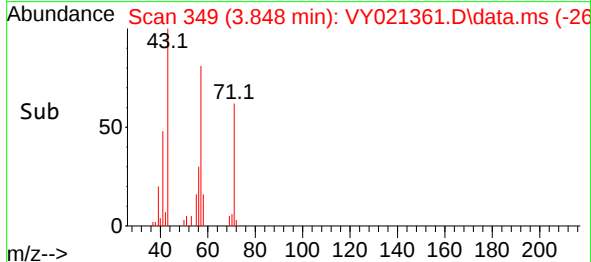
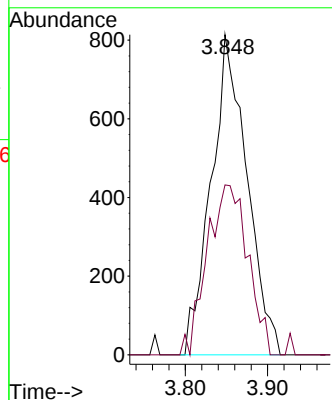
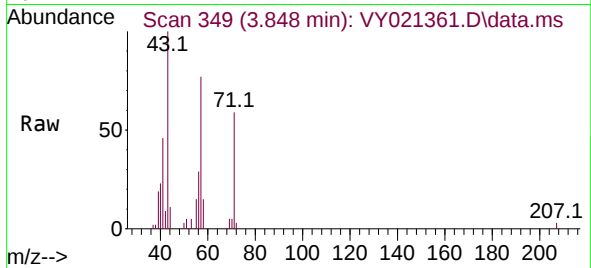




#13
Acrolein
Concen: 38.746 ug/l
RT: 3.848 min Scan# 349
Delta R.T. 0.201 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

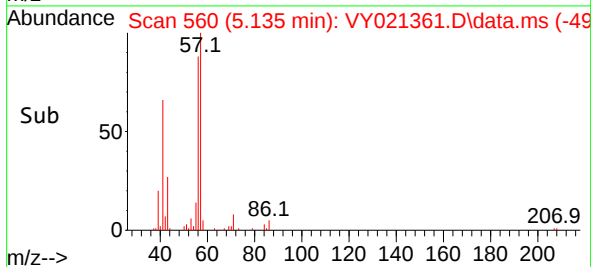
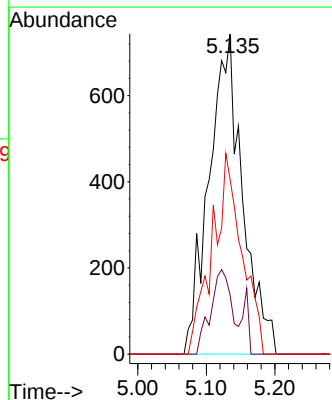
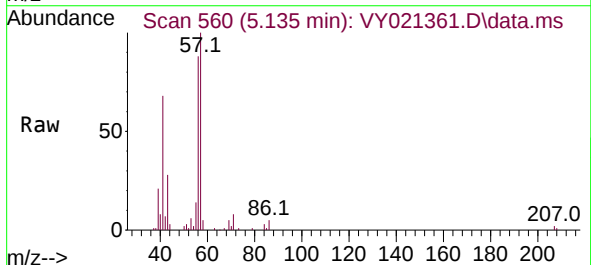
Instrument :
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ClientSampleId :
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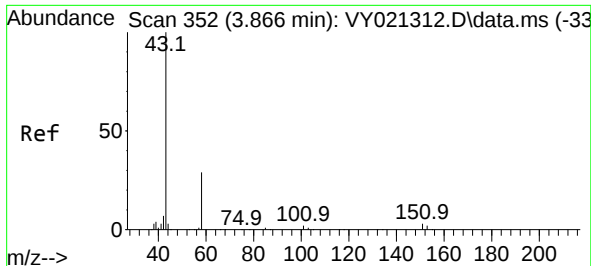
Tgt Ion: 56 Resp: 2471
Ion Ratio Lower Upper
56 100
55 59.9 59.0 88.6



#15
Acrylonitrile
Concen: 10.944 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.079 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 53 Resp: 2514
Ion Ratio Lower Upper
53 100
52 16.8 65.5 98.3#
51 55.2 30.6 46.0#

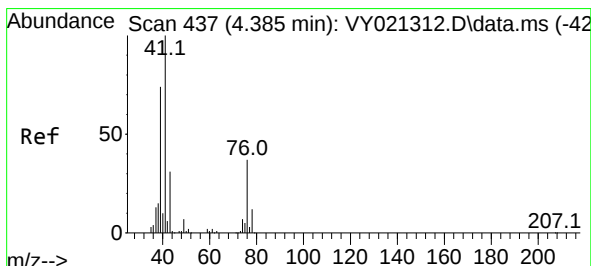
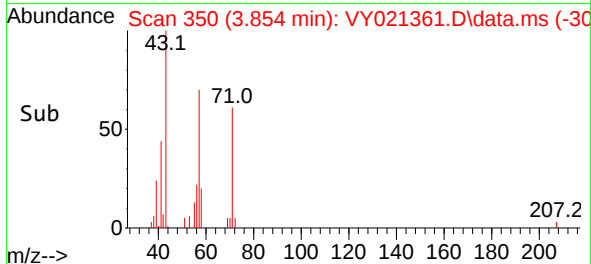
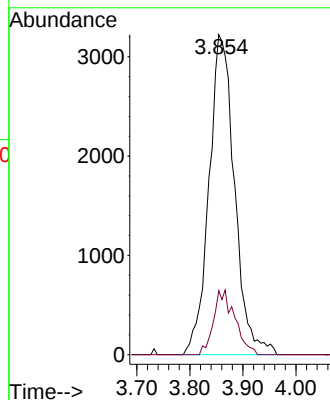
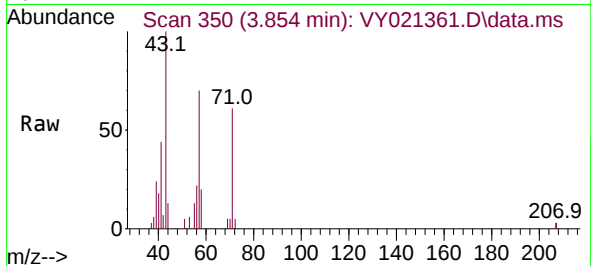




#16
Acetone
Concen: 51.984 ug/l
RT: 3.854 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

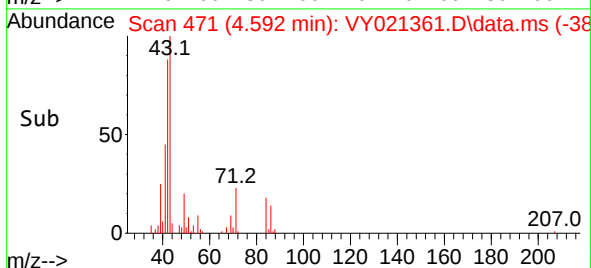
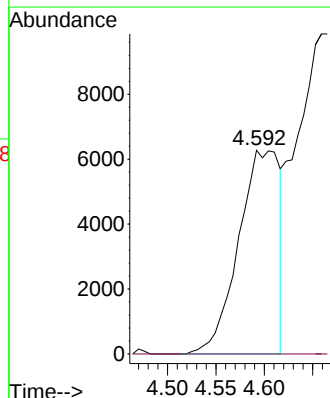
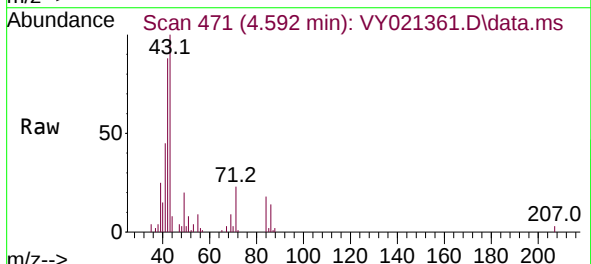
Instrument :
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VNJ-227RE

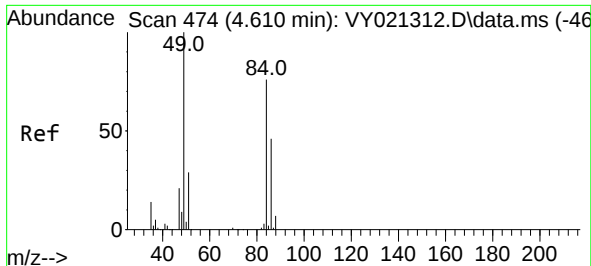
Tgt Ion: 43 Resp: 10789
Ion Ratio Lower Upper
43 100
58 20.0 23.5 35.3#



#18
Methyl Acetate
Concen: 36.630 ug/l
RT: 4.592 min Scan# 471
Delta R.T. 0.207 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 43 Resp: 18579
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#

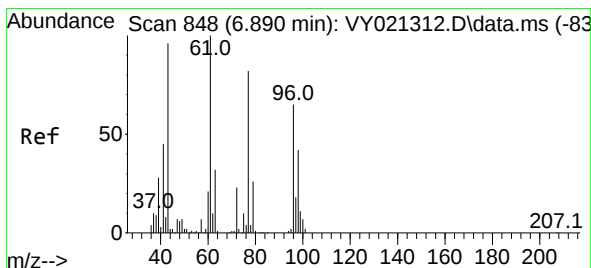
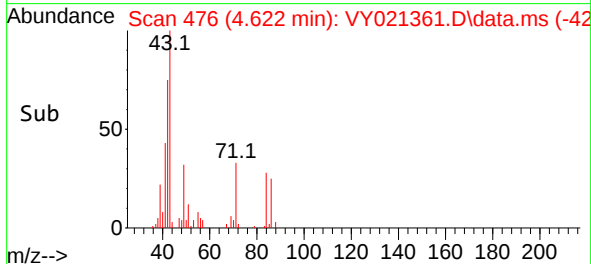
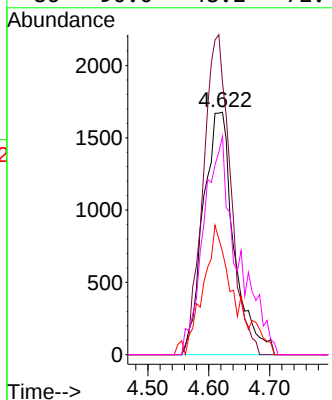
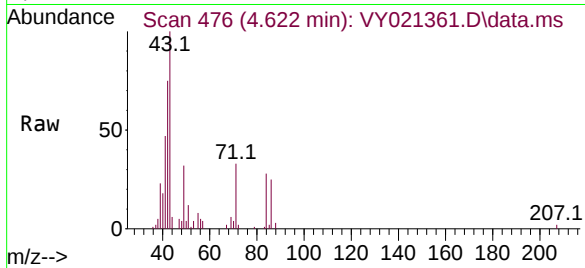




#20
Methylene Chloride
Concen: 5.236 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

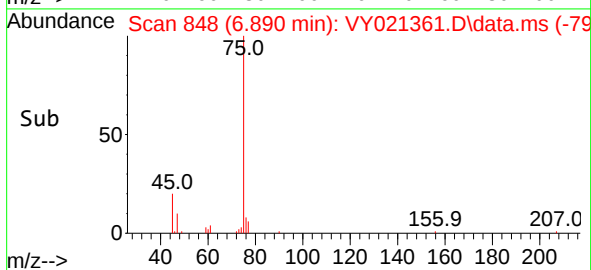
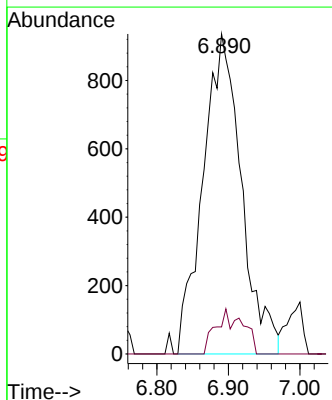
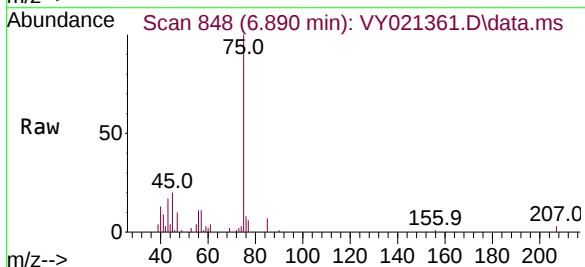
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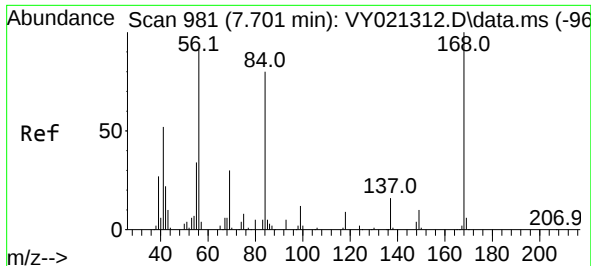
Tgt Ion: 84 Resp: 5876
Ion Ratio Lower Upper
84 100
49 112.1 105.1 157.7
51 42.4 31.0 46.4
86 90.0 48.2 72.4#



#25
2-Butanone
Concen: 11.145 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 43 Resp: 3491
Ion Ratio Lower Upper
43 100
72 8.4 19.0 28.6#

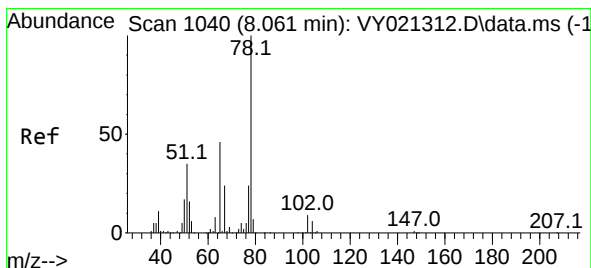
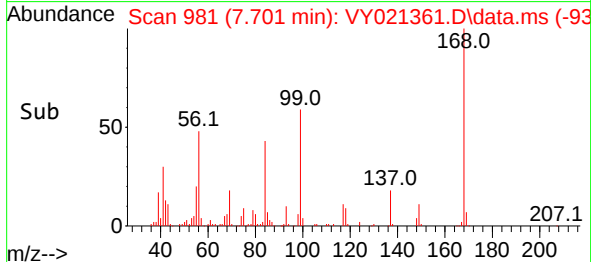
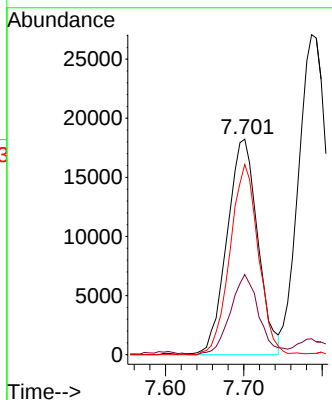
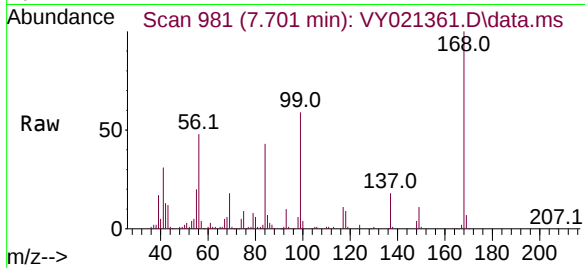




#31
Cyclohexane
Concen: 26.078 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

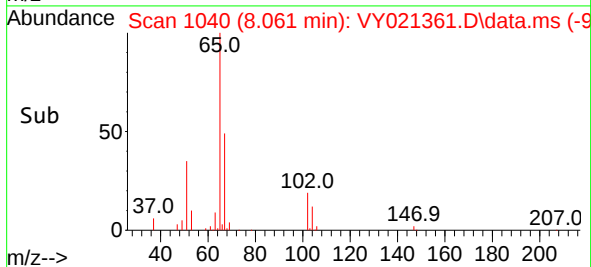
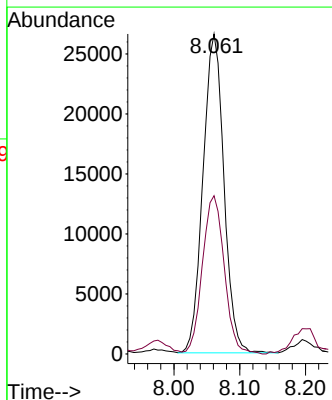
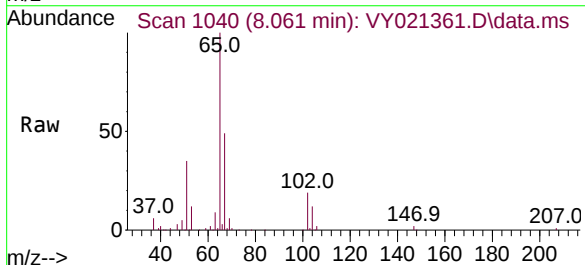
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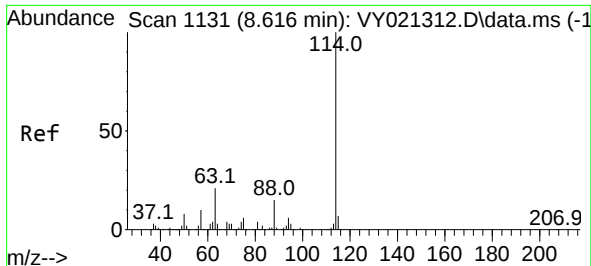
Tgt Ion: 56 Resp: 49745
Ion Ratio Lower Upper
56 100
69 36.7 26.2 39.4
84 88.2 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 54.307 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 65 Resp: 58758
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.6

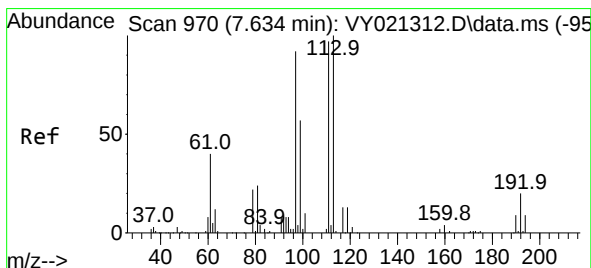
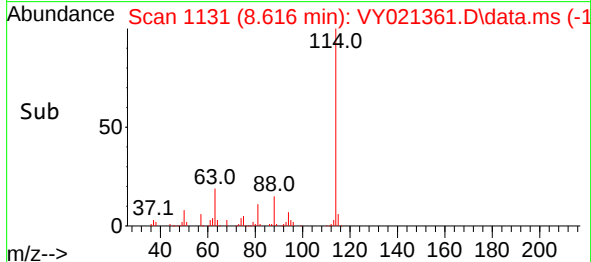
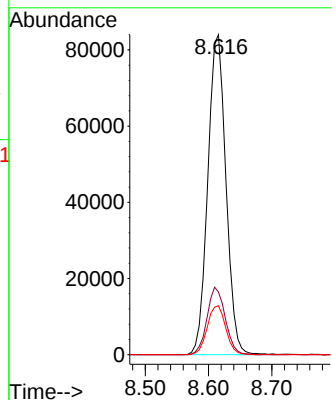
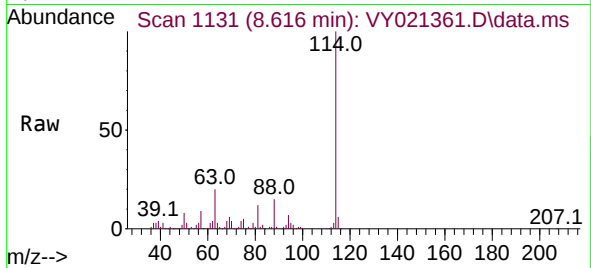




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

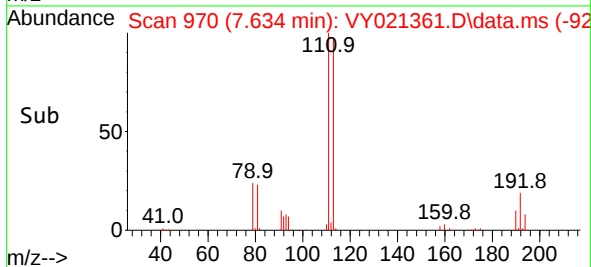
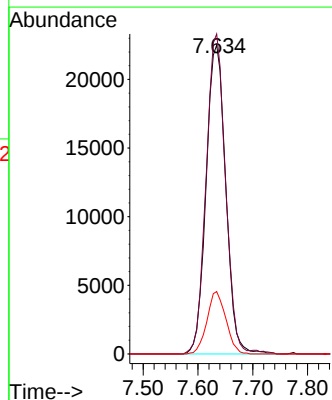
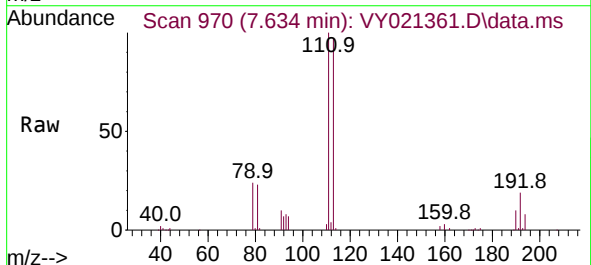
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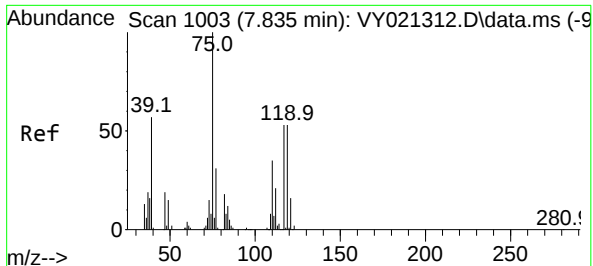
Tgt Ion:114 Resp: 168030
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 15.3 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.767 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion:113 Resp: 55926
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.6
192 19.5 15.8 23.8





#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227RE

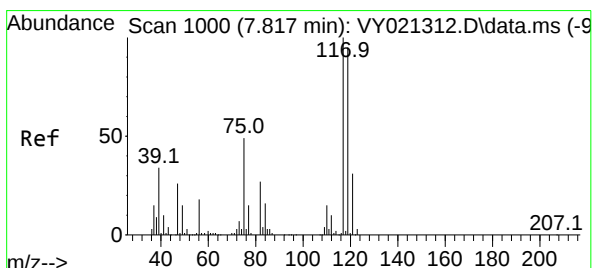
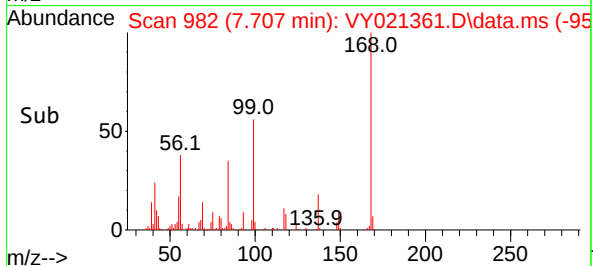
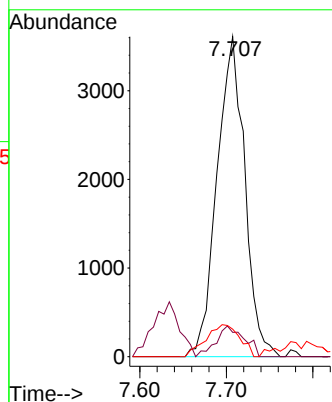
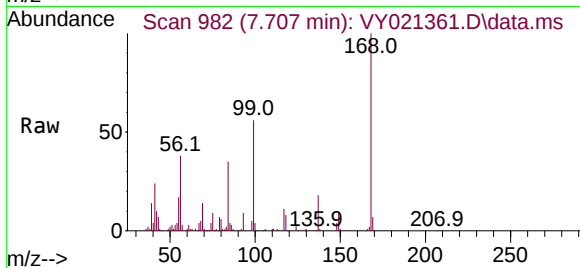
Tgt Ion: 75 Resp: 8024

Ion Ratio Lower Upper

75 100

110 9.8 16.9 50.7#

77 12.2 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

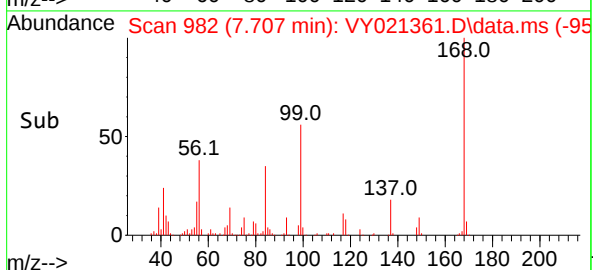
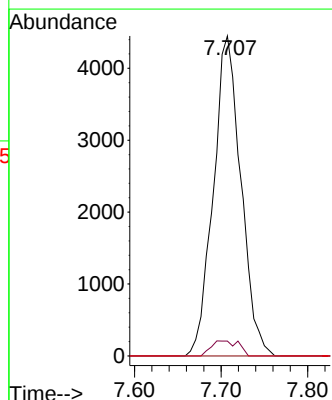
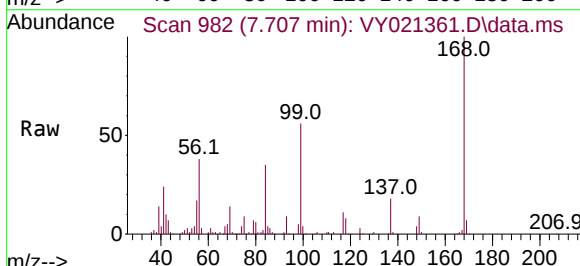
Tgt Ion: 117 Resp: 9824

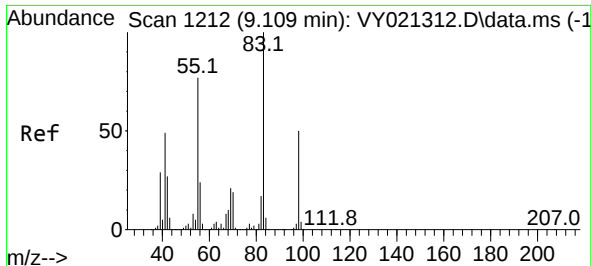
Ion Ratio Lower Upper

117 100

119 4.7 76.0 114.0#

121 0.0 24.9 37.3#





#39

Methylcyclohexane

Concen: 119.971 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227RE

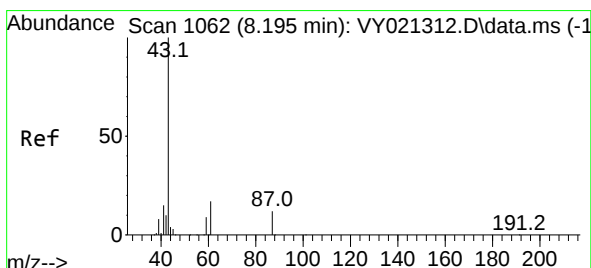
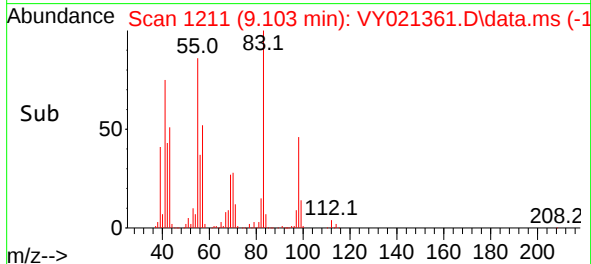
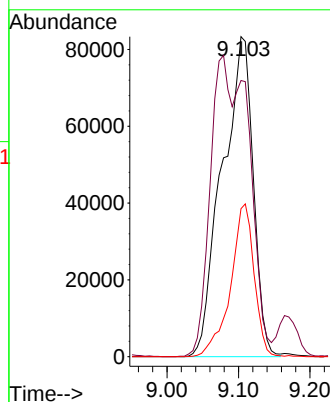
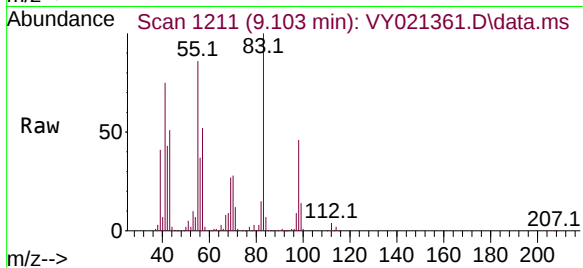
Tgt Ion: 83 Resp: 251095

Ion Ratio Lower Upper

83 100

55 86.2 61.3 91.9

98 46.2 39.9 59.9



#43

Isopropyl Acetate

Concen: 30.305 ug/l

RT: 8.189 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

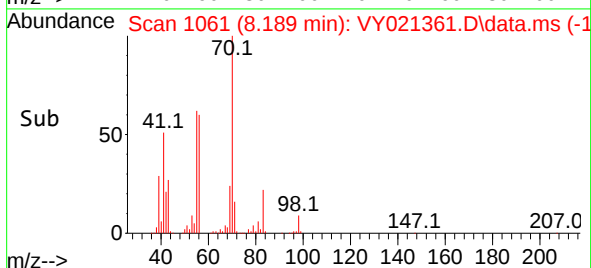
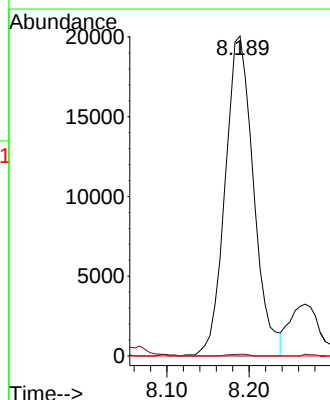
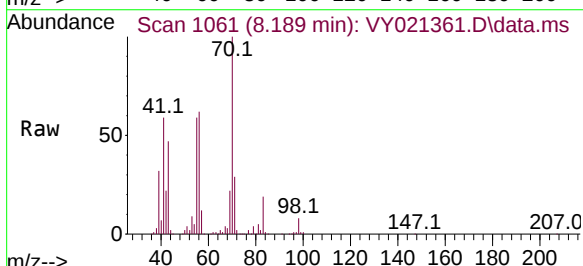
Tgt Ion: 43 Resp: 48282

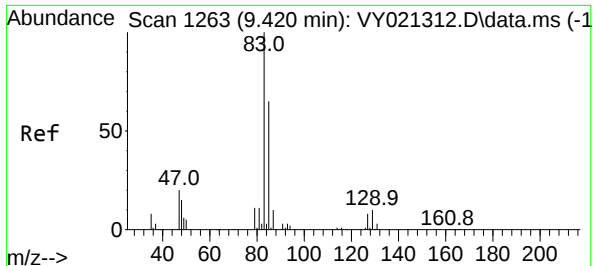
Ion Ratio Lower Upper

43 100

61 0.4 15.0 22.6#

87 0.0 10.0 15.0#





#47

Bromodichloromethane

Concen: 16.221 ug/l

RT: 9.390 min Scan# 11

Delta R.T. -0.030 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227RE

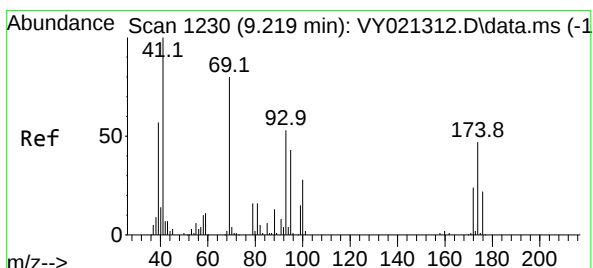
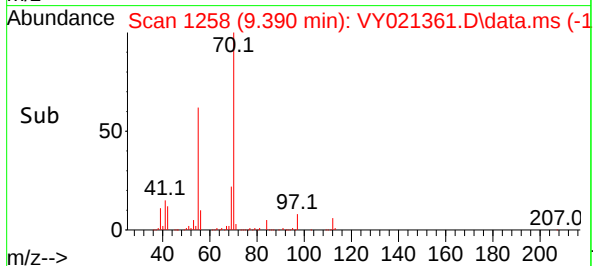
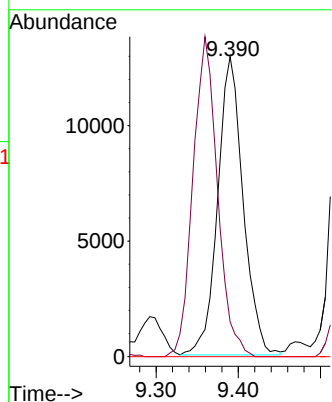
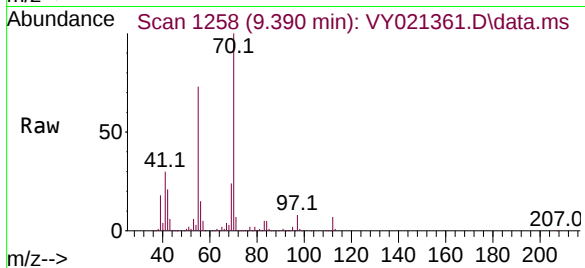
Tgt Ion: 83 Resp: 27830

Ion Ratio Lower Upper

83 100

85 11.7 51.8 77.8#

127 0.0 6.7 10.1#



#48

Methyl methacrylate

Concen: 96.453 ug/l

RT: 9.170 min Scan# 1222

Delta R.T. -0.049 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

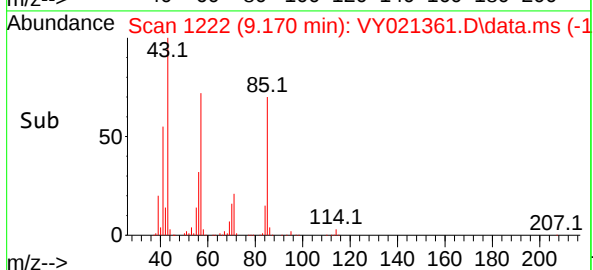
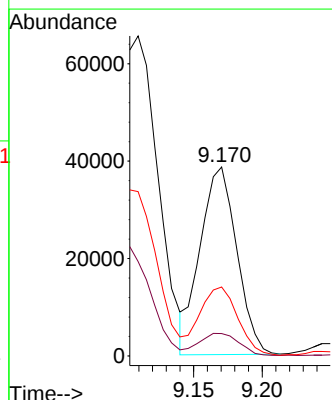
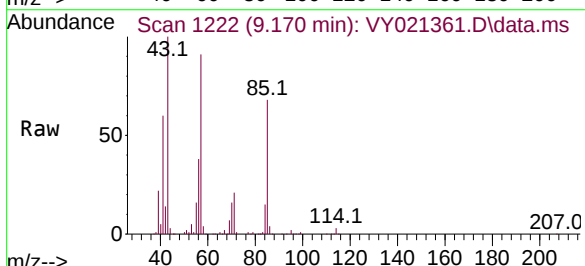
Tgt Ion: 41 Resp: 71861

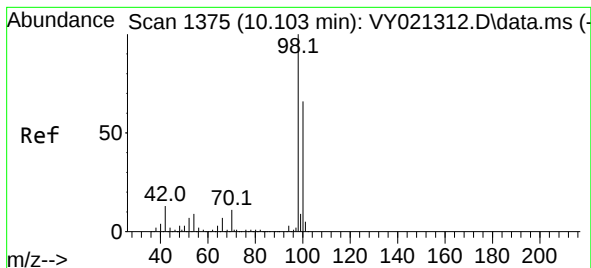
Ion Ratio Lower Upper

41 100

69 12.9 63.3 94.9#

39 38.2 45.0 67.6#

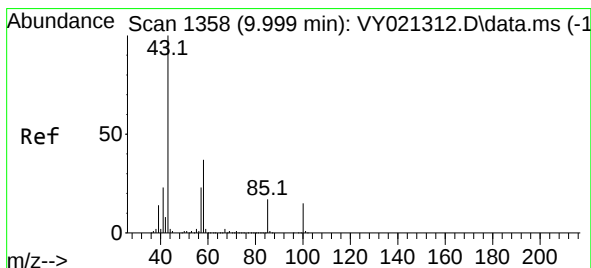
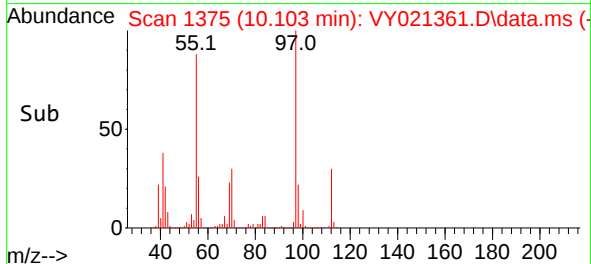
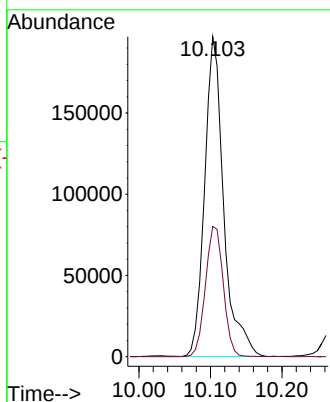
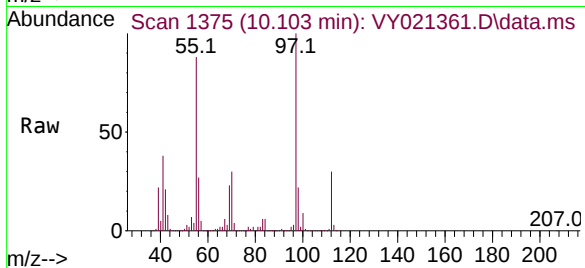




#50
Toluene-d8
Concen: 85.673 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

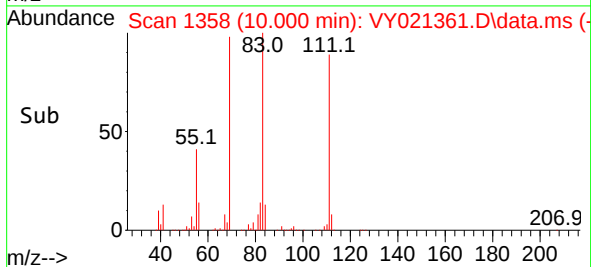
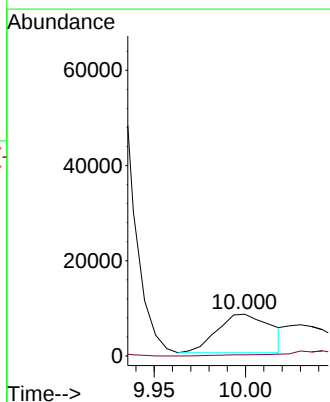
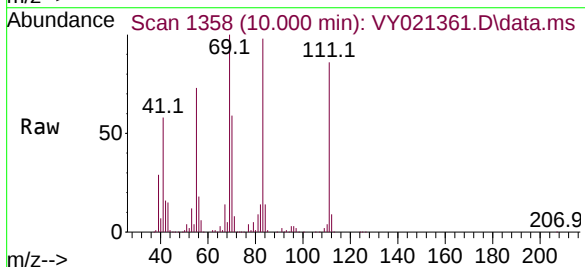
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

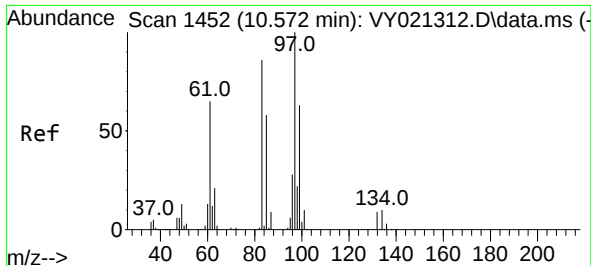
Tgt Ion: 98 Resp: 364750
Ion Ratio Lower Upper
98 100
100 38.1 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 20.404 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 43 Resp: 16641
Ion Ratio Lower Upper
43 100
58 0.0 30.1 45.1#

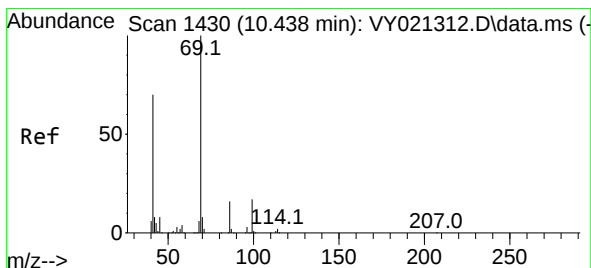
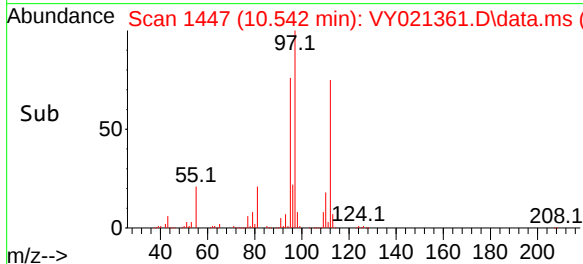
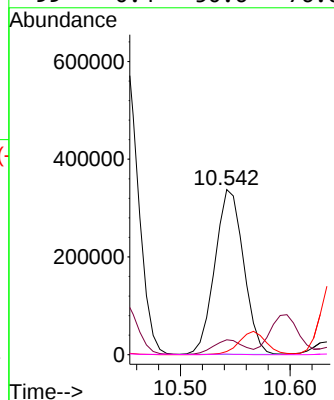
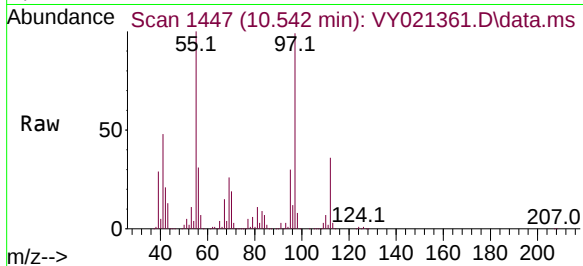




#55
1,1,2-Trichloroethane
Concen: 732.031 ug/l
RT: 10.542 min Scan# 1452
Delta R.T. -0.030 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

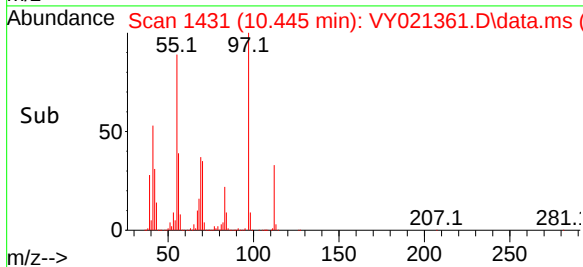
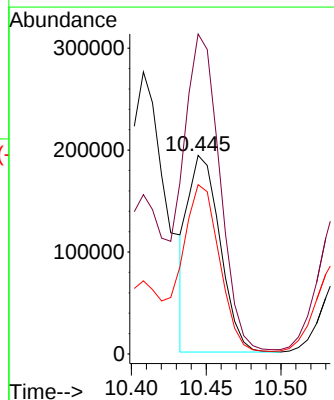
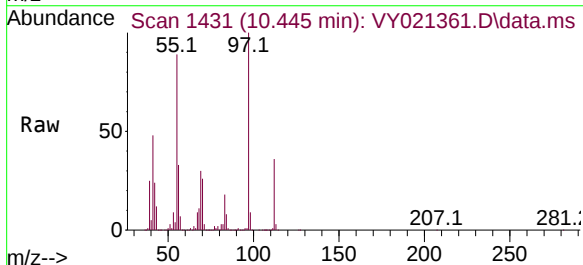
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

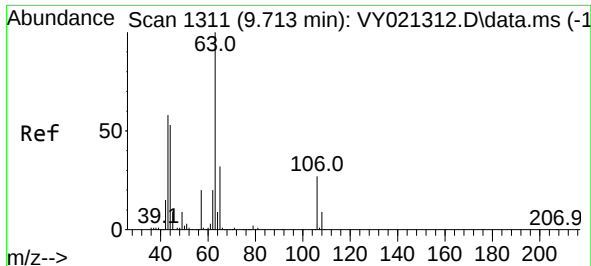
Tgt Ion: 97 Resp: 613630
Ion Ratio Lower Upper
97 100
83 8.9 68.7 103.1#
85 1.9 46.3 69.5#
99 0.4 50.6 76.0#



#56
Ethyl methacrylate
Concen: 245.829 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 69 Resp: 284736
Ion Ratio Lower Upper
69 100
41 180.5 56.2 84.4#
39 101.0 32.7 49.1#

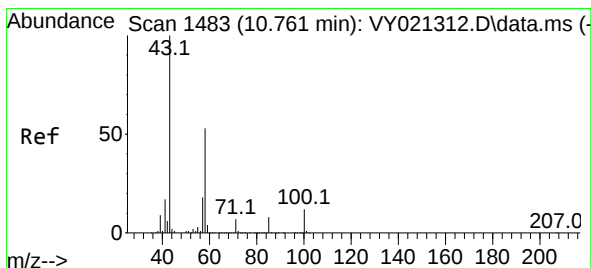
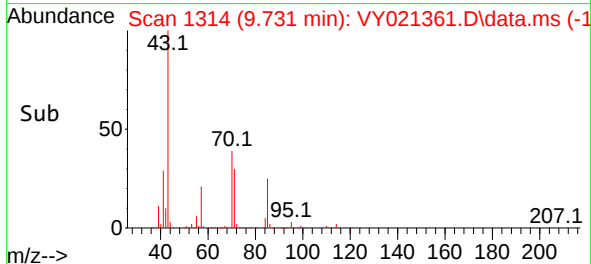
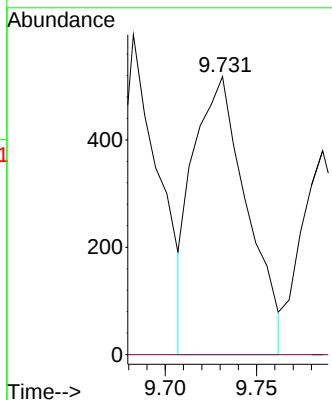
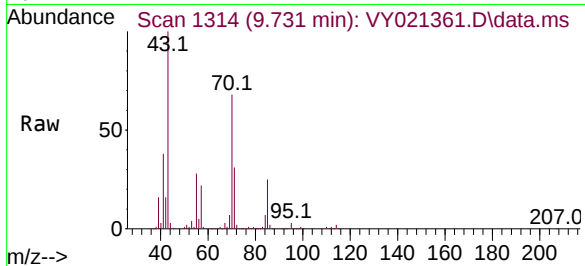




#58
2-Chloroethyl Vinyl ether
Concen: 1.905 ug/l
RT: 9.731 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

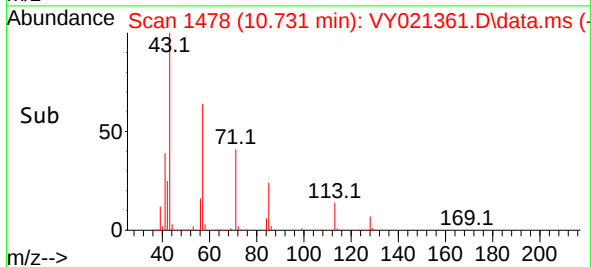
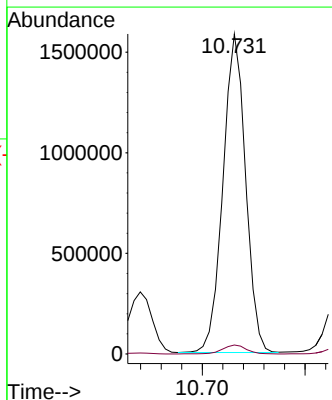
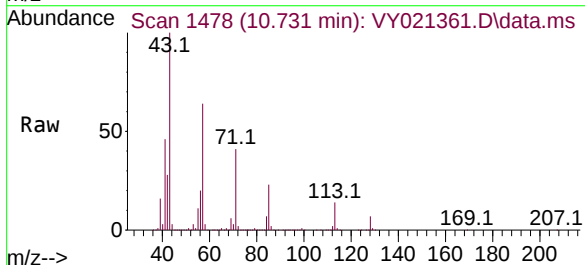
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

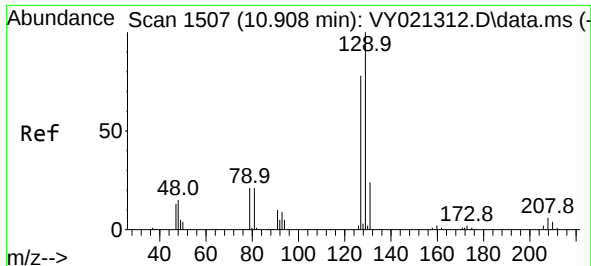
Tgt Ion: 63 Resp: 1059
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 4521.914 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 43 Resp: 2422014
Ion Ratio Lower Upper
43 100
58 2.9 25.9 77.6#

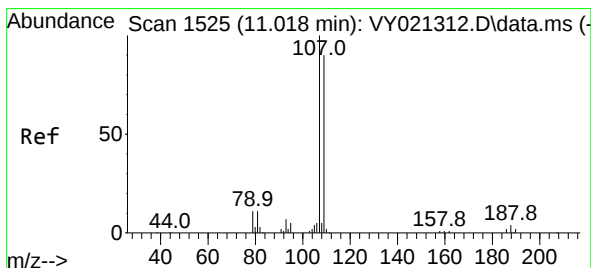
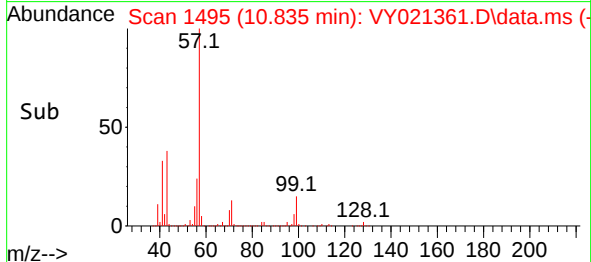
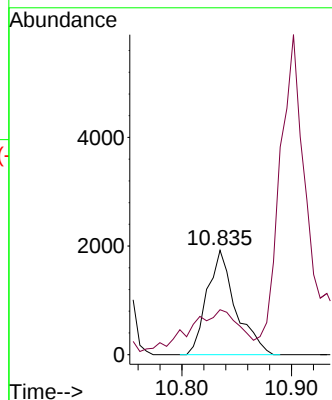
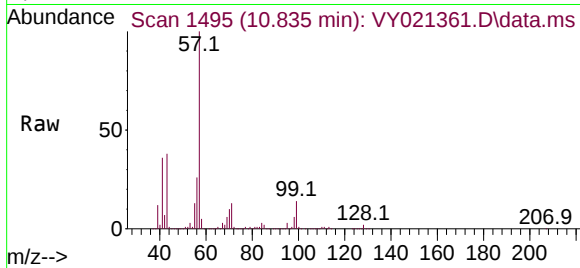




#60
Dibromochloromethane
Concen: 3.040 ug/l
RT: 10.835 min Scan# 1495
Delta R.T. -0.073 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

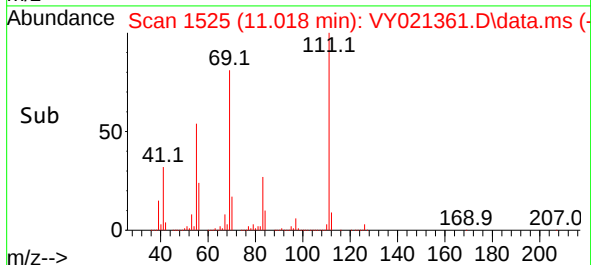
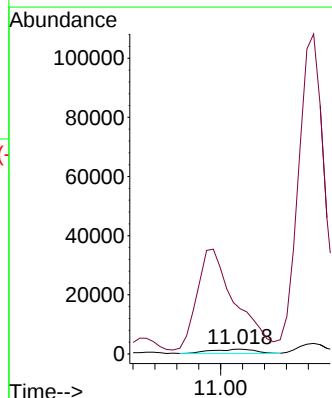
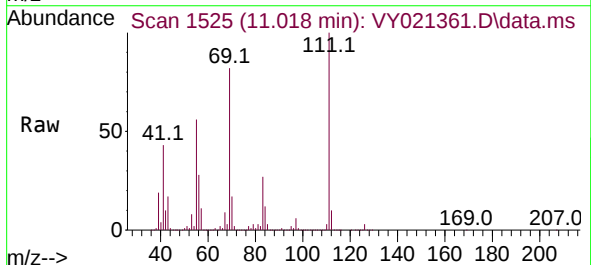
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

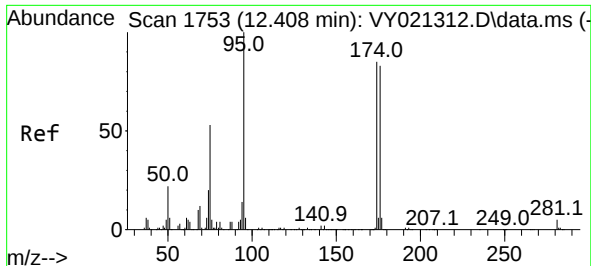
Tgt Ion:129 Resp: 3471
Ion Ratio Lower Upper
129 100
127 61.7 38.8 116.4



#61
1,2-Dibromoethane
Concen: 5.142 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion:107 Resp: 4081
Ion Ratio Lower Upper
107 100
109 0.0 73.8 110.8#

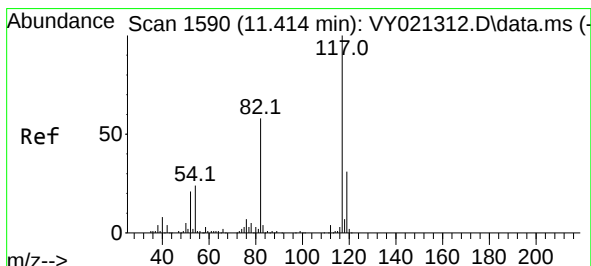
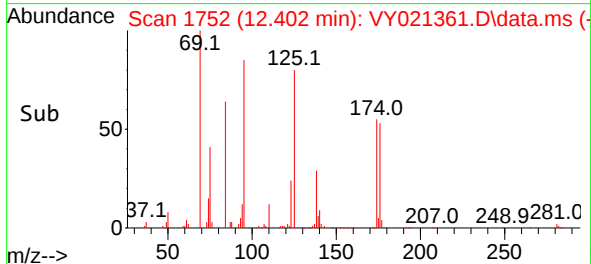
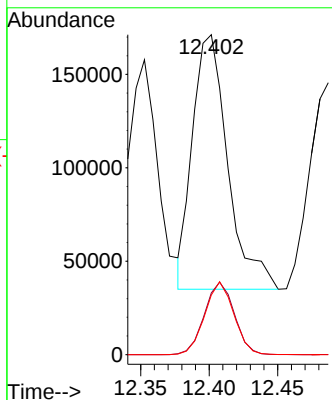
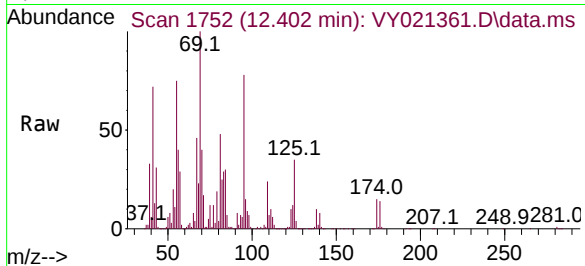




#62
4-Bromofluorobenzene
Concen: 170.854 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

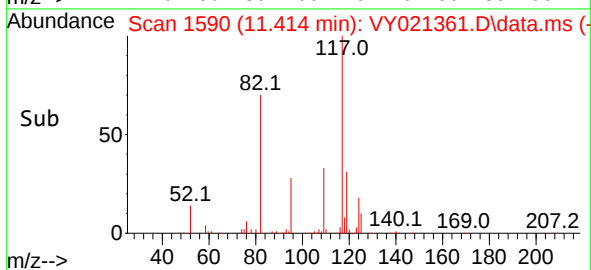
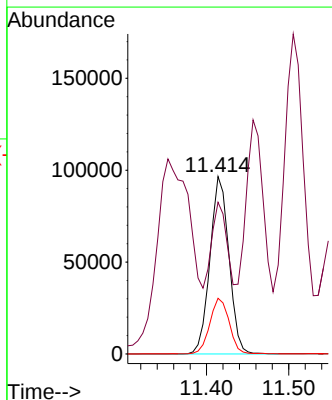
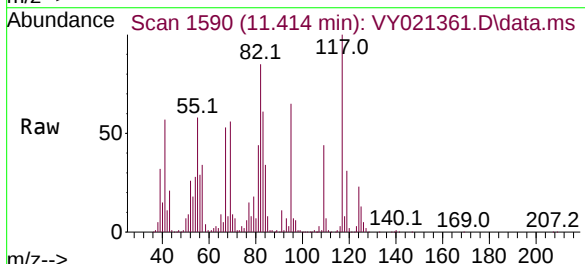
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

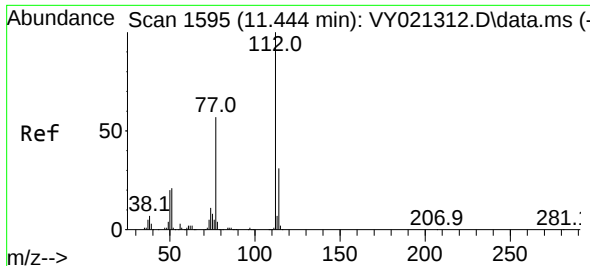
Tgt Ion: 95 Resp: 244804
Ion Ratio Lower Upper
95 100
174 24.2 0.0 168.0
176 23.6 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 117 Resp: 154818
Ion Ratio Lower Upper
117 100
82 35.3 46.2 69.4#
119 31.3 24.9 37.3

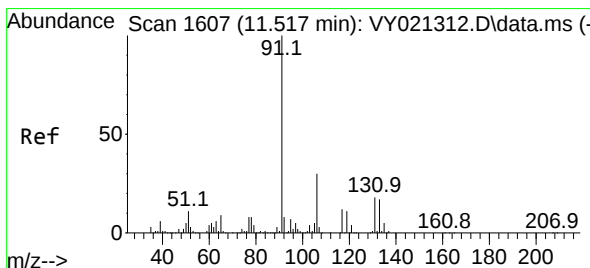
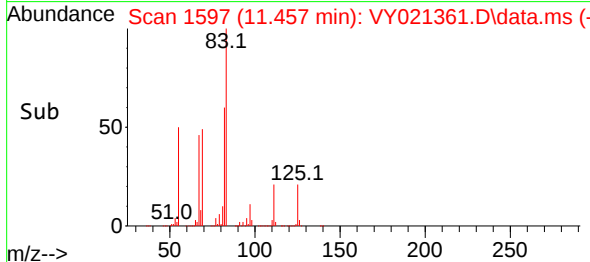
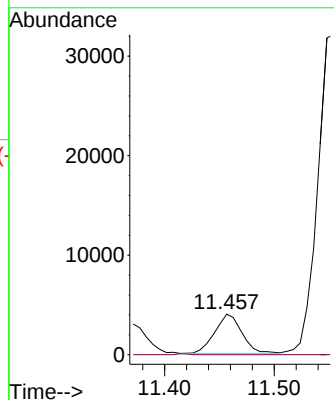
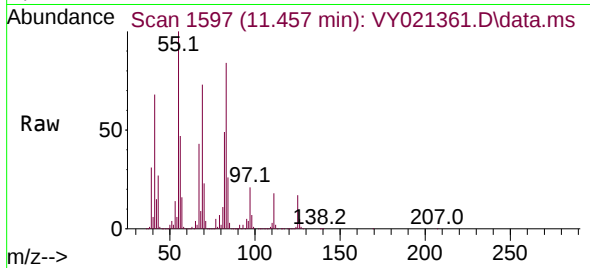




#65
Chlorobenzene
Concen: 1.956 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

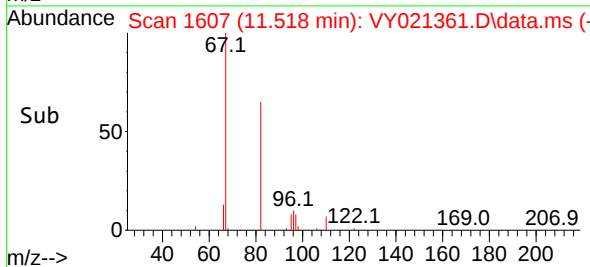
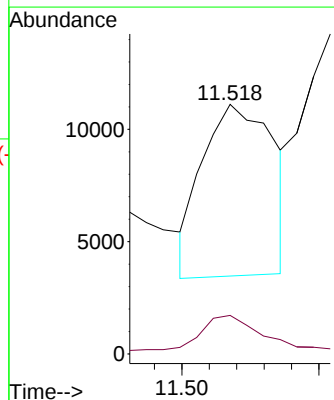
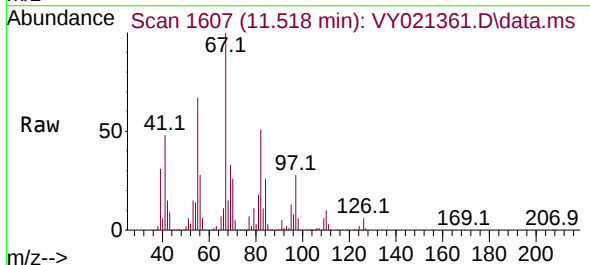
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

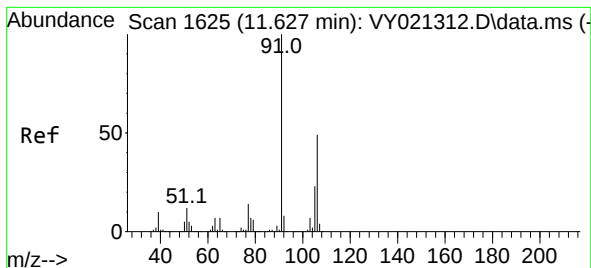
Tgt Ion:112 Resp: 6797
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.6#



#67
Ethyl Benzene
Concen: 2.249 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 91 Resp: 13842
Ion Ratio Lower Upper
91 100
106 25.1 24.4 36.6





#68

m/p-Xylenes

Concen: 5.207 ug/l

RT: 11.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

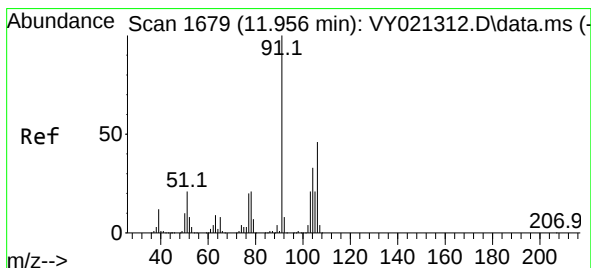
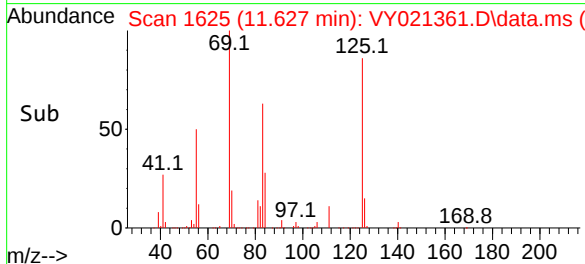
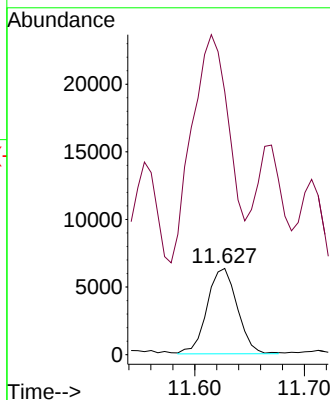
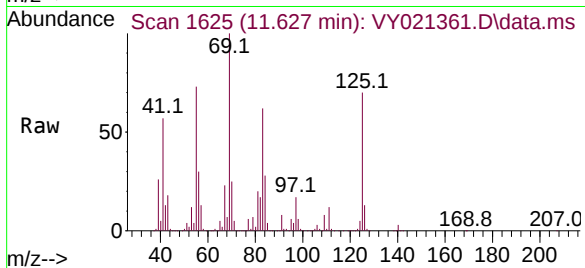
VNJ-227RE

Tgt Ion:106 Resp: 12056

Ion Ratio Lower Upper

106 100

91 408.2 163.9 245.9#



#69

o-Xylene

Concen: 2.165 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY021361.D

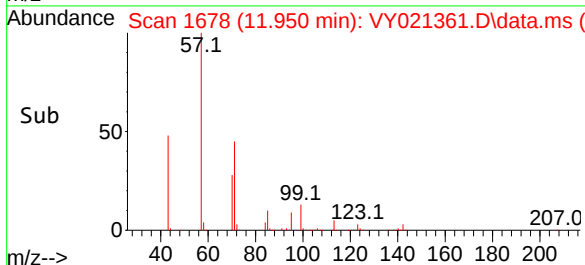
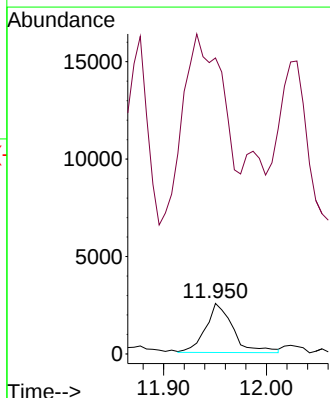
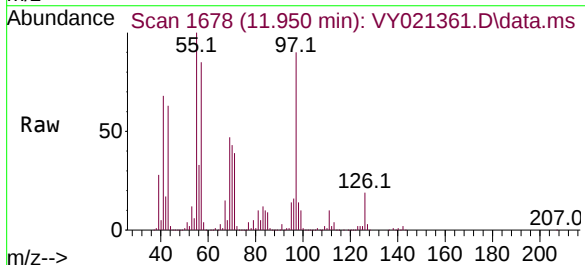
Acq: 27 Feb 2025 16:22

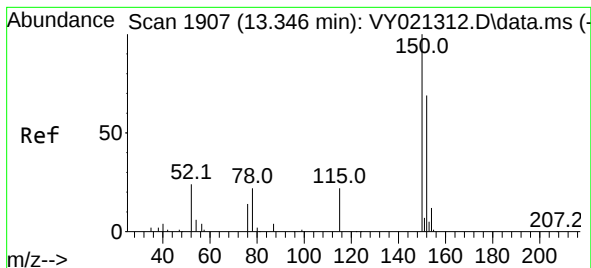
Tgt Ion:106 Resp: 4696

Ion Ratio Lower Upper

106 100

91 584.5 108.1 324.2#

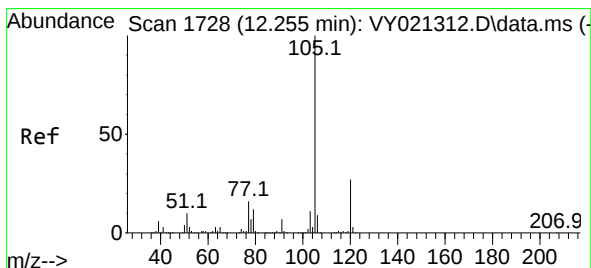
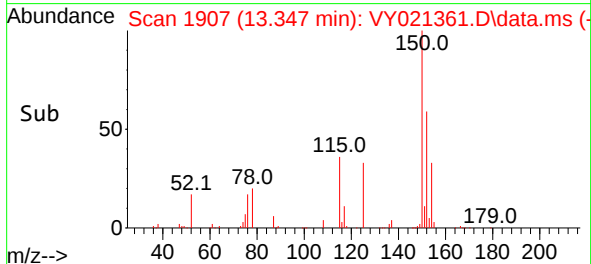
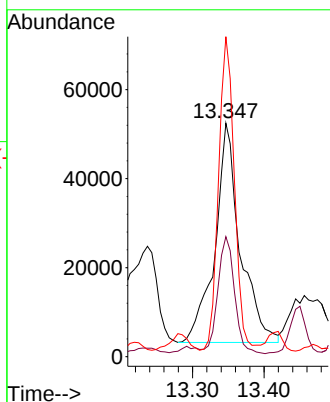
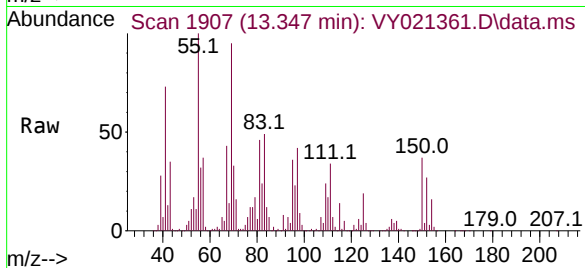




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

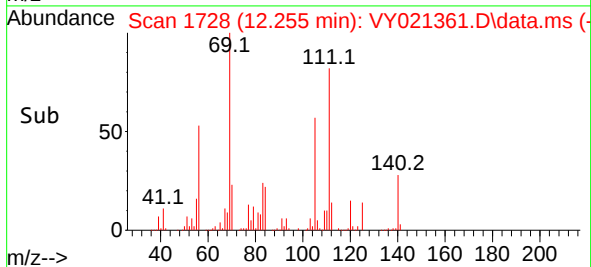
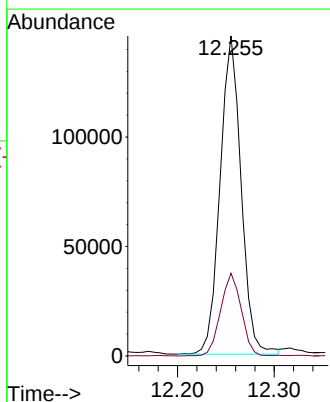
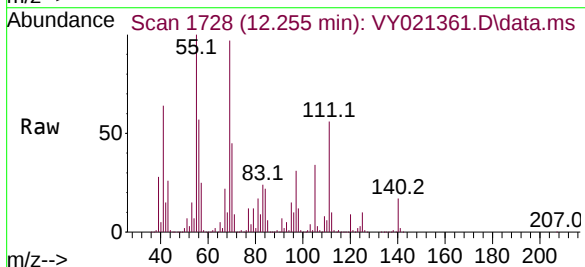
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

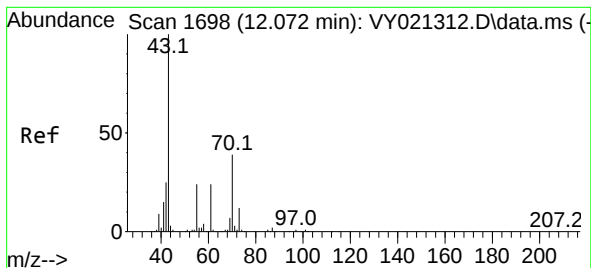
Tgt Ion:152 Resp: 120893
Ion Ratio Lower Upper
152 100
115 35.3 29.3 88.0
150 90.8 0.0 347.4



#73
Isopropylbenzene
Concen: 24.121 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion:105 Resp: 219230
Ion Ratio Lower Upper
105 100
120 25.5 13.3 39.8

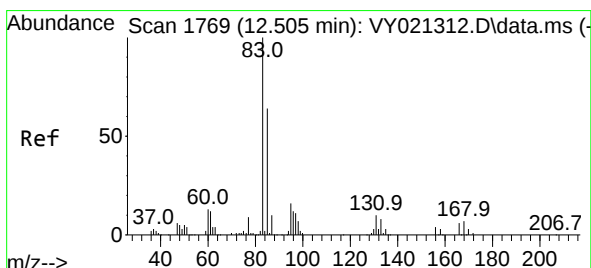
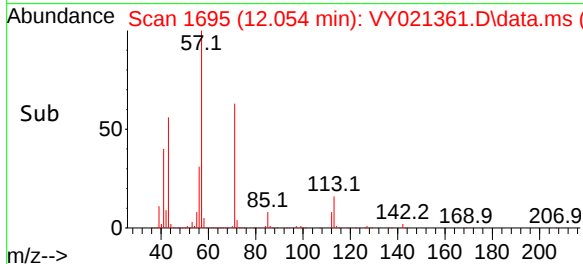
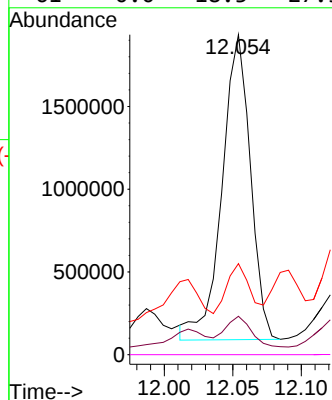
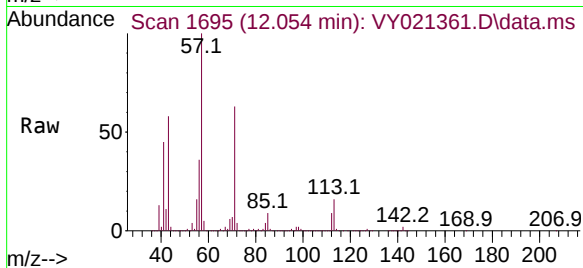




#74
N-amy1 acetate
Concen: 1147.833 ug/l
RT: 12.054 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

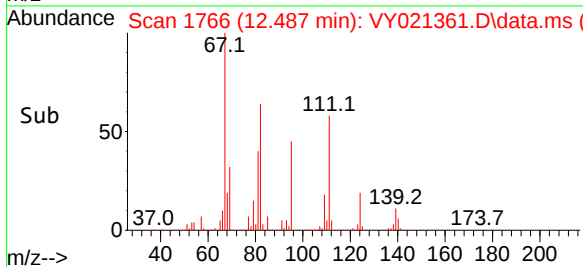
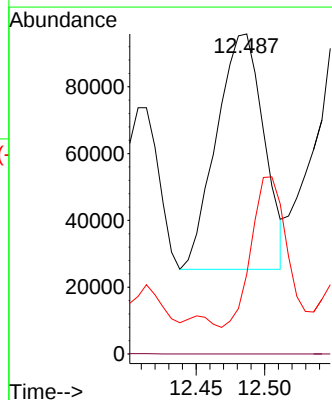
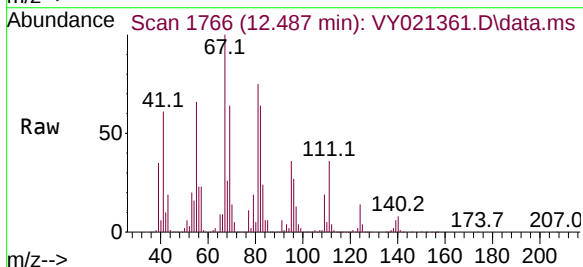
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

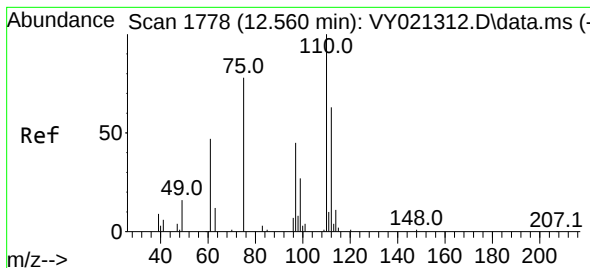
Tgt Ion: 43 Resp: 2651663
Ion Ratio Lower Upper
43 100
70 9.0 32.2 48.2#
55 24.2 19.6 29.4
61 0.0 18.3 27.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 105.693 ug/l
RT: 12.487 min Scan# 1766
Delta R.T. -0.018 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 83 Resp: 169535
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 48.0 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 3.649 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.031 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

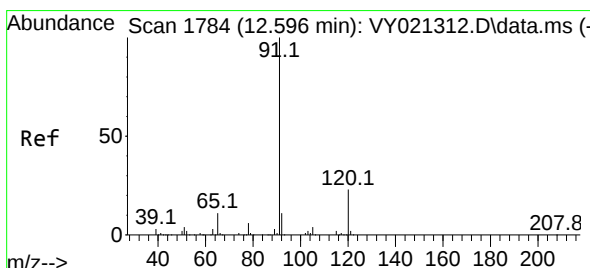
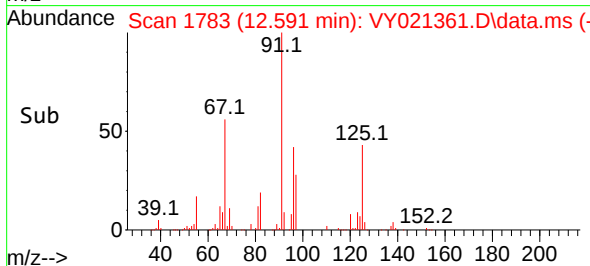
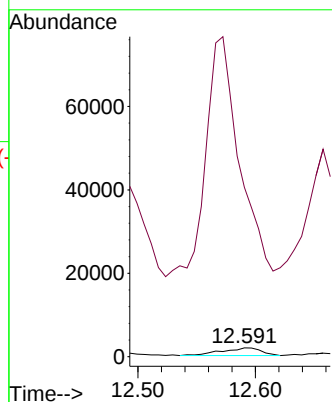
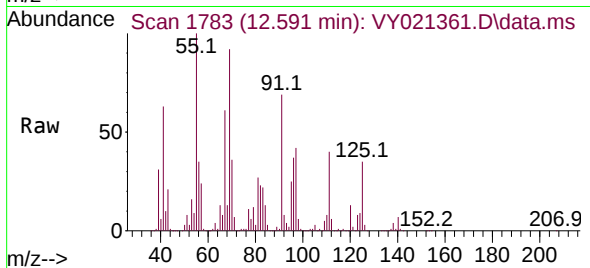
VNJ-227RE

Tgt Ion: 75 Resp: 4415

Ion Ratio Lower Upper

75 100

77 2958.0 0.0 0.0#



#78

n-propylbenzene

Concen: 40.949 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021361.D

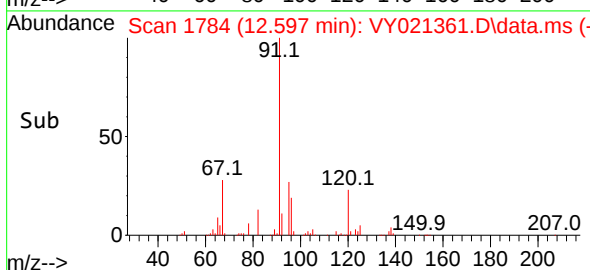
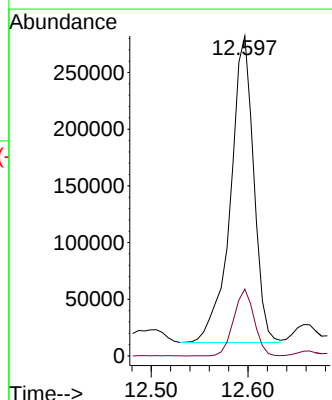
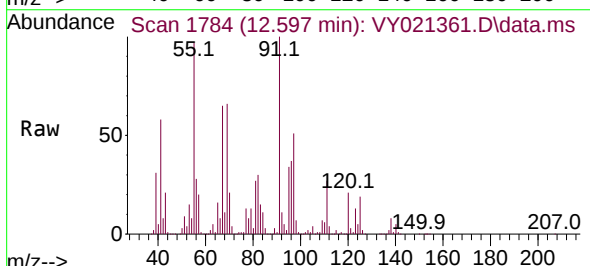
Acq: 27 Feb 2025 16:22

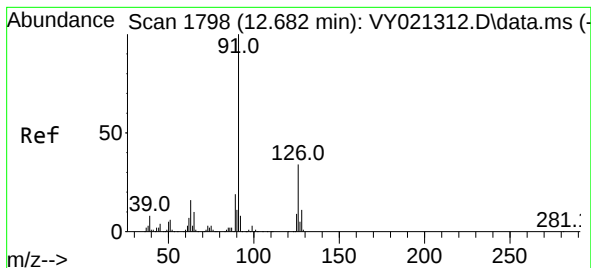
Tgt Ion: 91 Resp: 451626

Ion Ratio Lower Upper

91 100

120 19.3 11.2 33.5

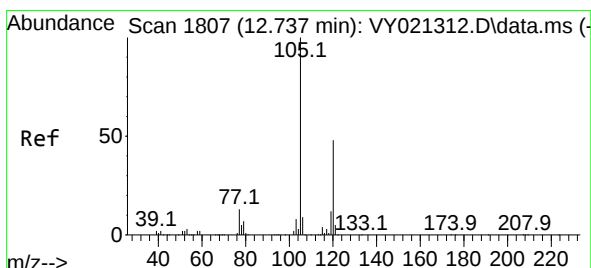
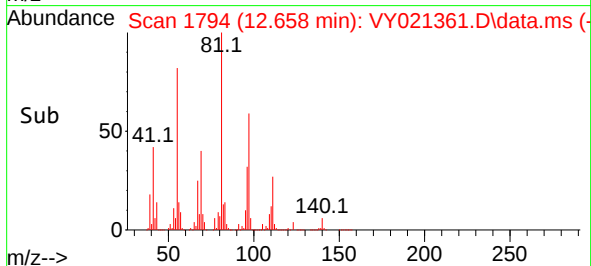
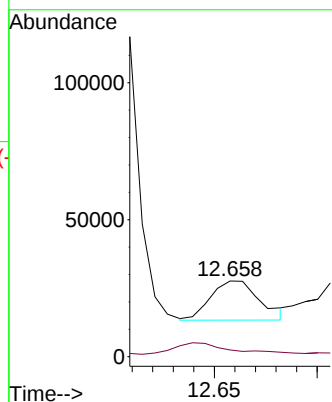
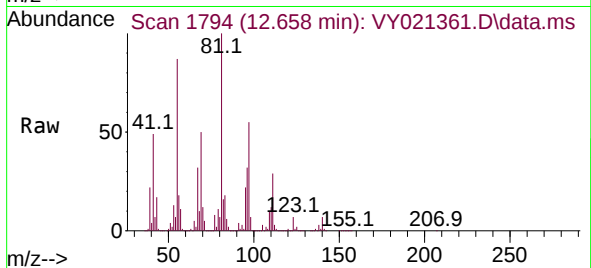




#79
2-Chlorotoluene
Concen: 3.738 ug/l
RT: 12.658 min Scan# 1794
Delta R.T. -0.024 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

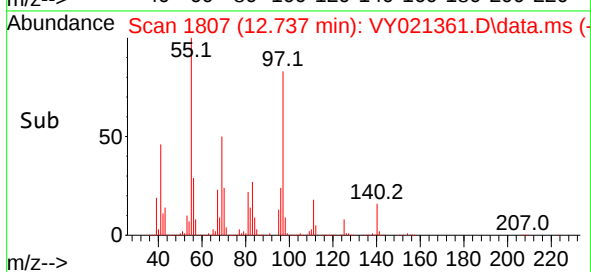
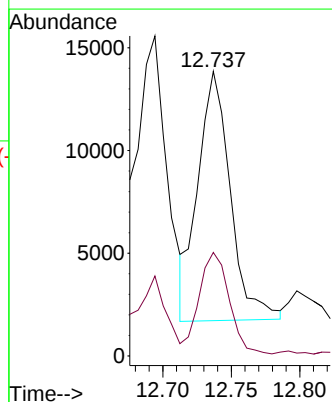
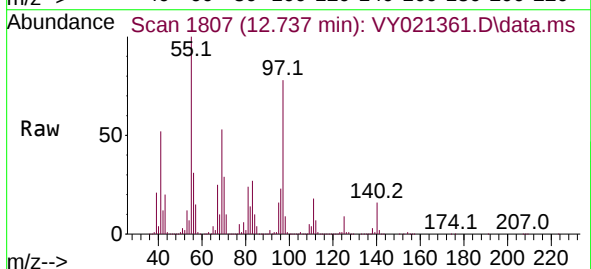
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

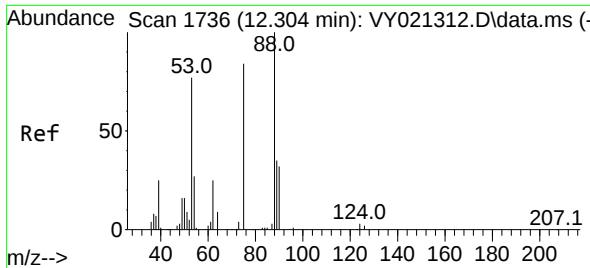
Tgt Ion: 91 Resp: 23658
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.680 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 105 Resp: 19976
Ion Ratio Lower Upper
105 100
120 37.9 24.3 73.0

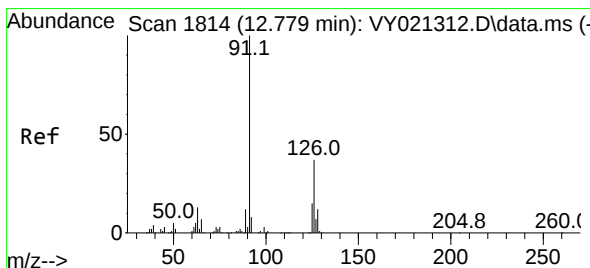
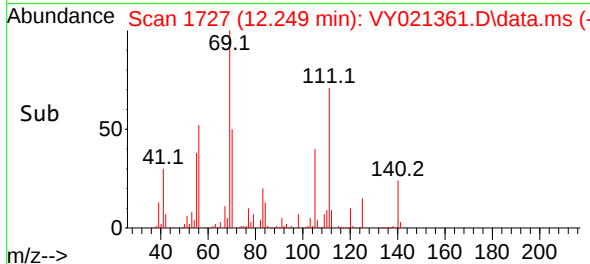
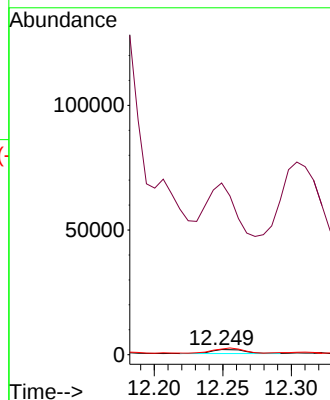
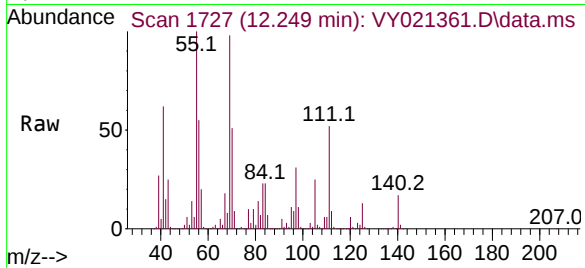




#81
trans-1,4-Dichloro-2-butene
Concen: 5.029 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.055 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

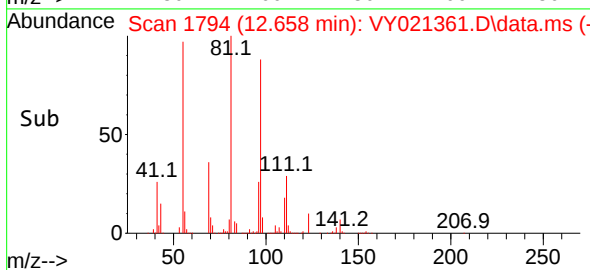
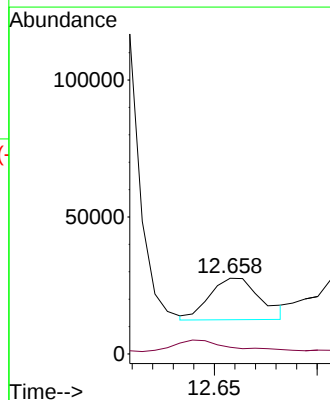
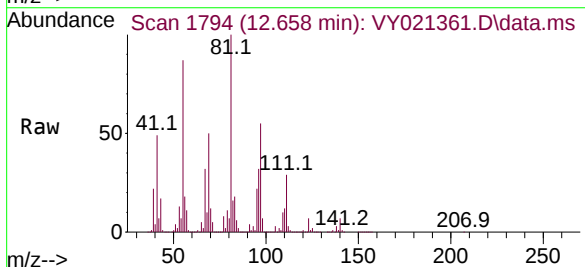
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227RE

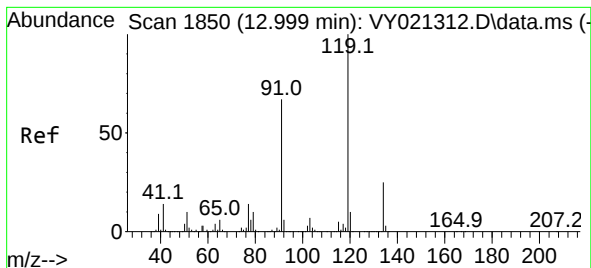
Tgt Ion: 75 Resp: 2738
Ion Ratio Lower Upper
75 100
53 1031.4 79.1 118.7#
89 133.8 35.6 53.4#



#82
4-Chlorotoluene
Concen: 3.978 ug/l
RT: 12.658 min Scan# 1794
Delta R.T. -0.122 min
Lab File: VY021361.D
Acq: 27 Feb 2025 16:22

Tgt Ion: 91 Resp: 26098
Ion Ratio Lower Upper
91 100
126 30.8 16.8 50.4





#83

tert-Butylbenzene

Concen: 4.663 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

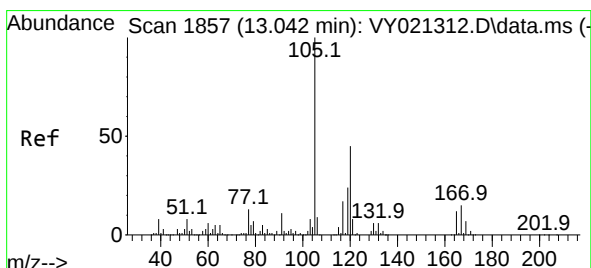
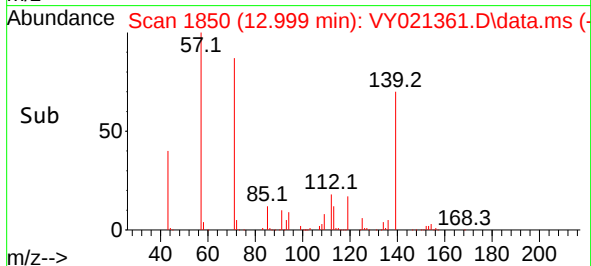
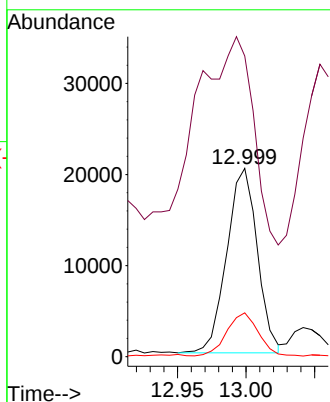
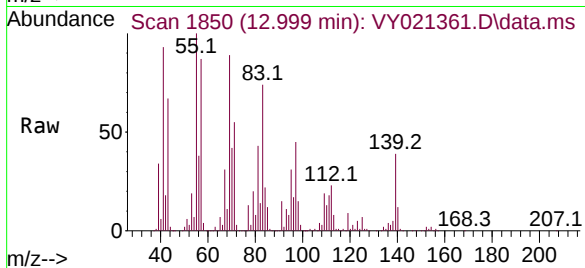
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227RE

Tgt Ion:	119	Resp:	31400
Ion	Ratio	Lower	Upper
119	100		
91	212.0	32.7	98.1#
134	24.2	13.3	39.9



#84

1,2,4-Trimethylbenzene

Concen: 5.559 ug/l

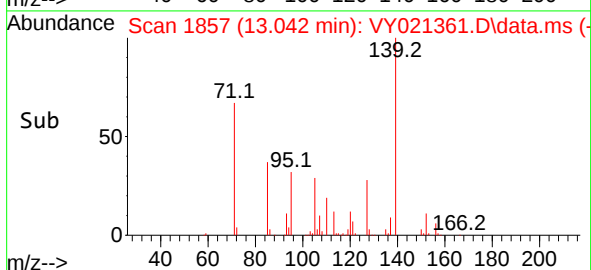
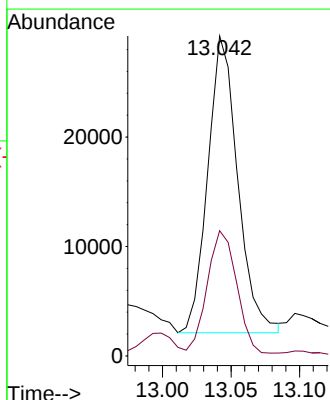
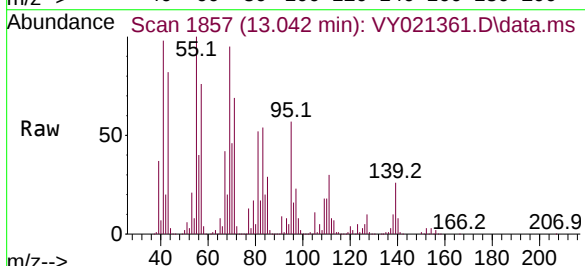
RT: 13.042 min Scan# 1857

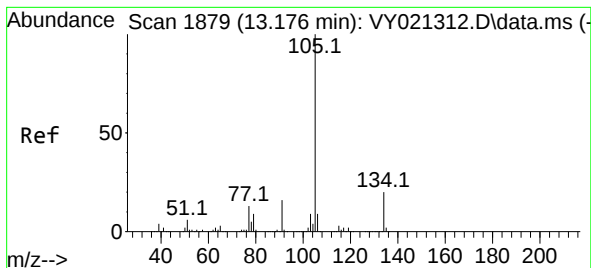
Delta R.T. 0.000 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Tgt Ion:	105	Resp:	41213
Ion	Ratio	Lower	Upper
105	100		
120	40.1	22.4	67.3





#85

sec-Butylbenzene

Concen: 73.512 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

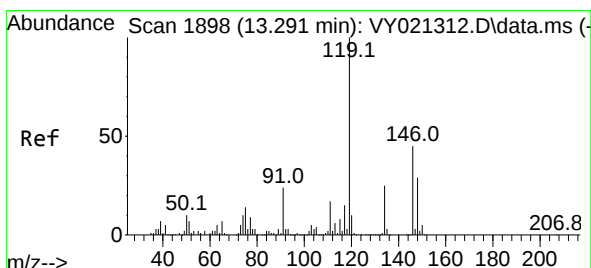
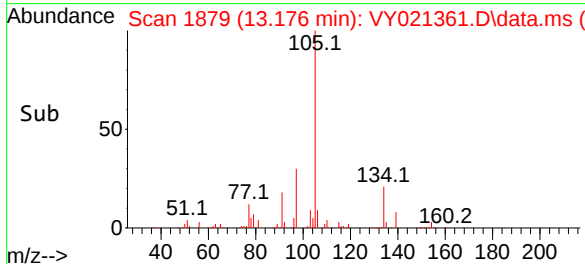
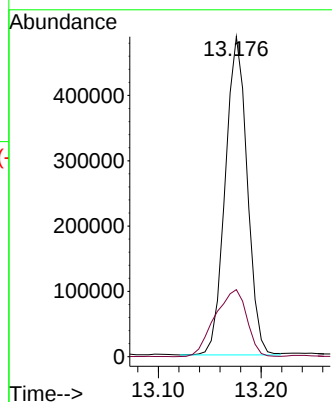
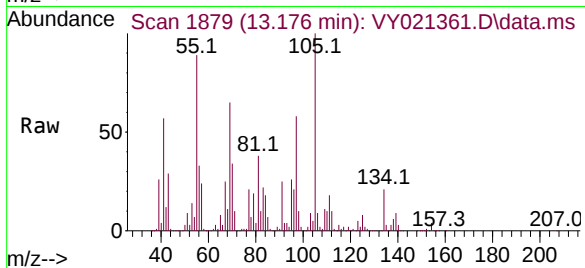
VNJ-227RE

Tgt Ion:105 Resp: 723028

Ion Ratio Lower Upper

105 100

134 30.7 10.0 30.0#



#86

p-Isopropyltoluene

Concen: 3.004 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

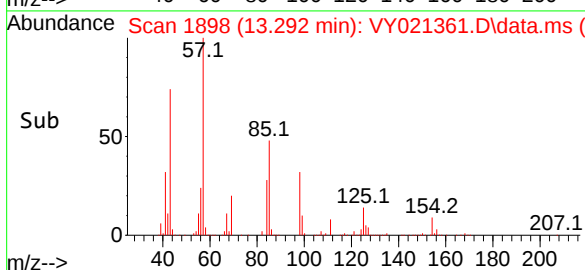
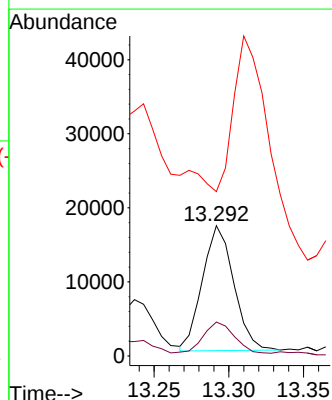
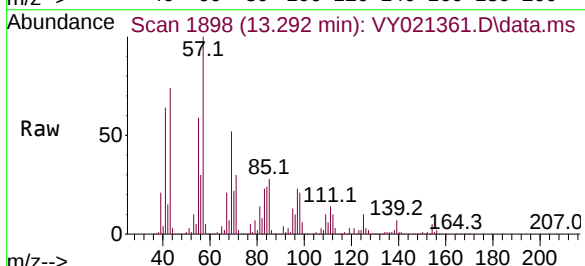
Tgt Ion:119 Resp: 24673

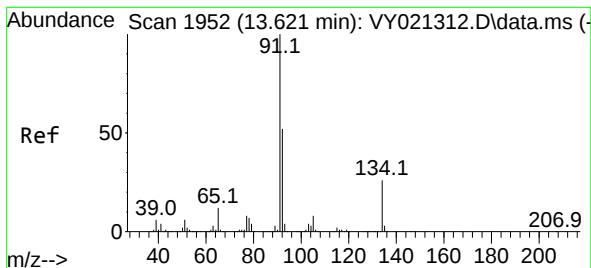
Ion Ratio Lower Upper

119 100

134 0.0 13.0 38.9#

91 215.0 12.0 36.1#





#89

n-Butylbenzene

Concen: 40.080 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227RE

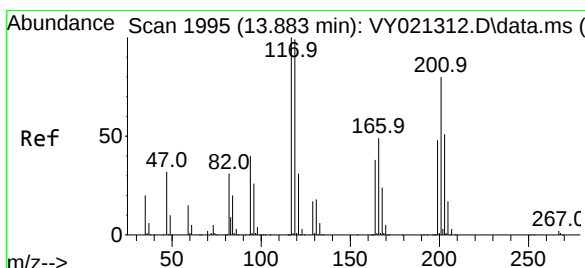
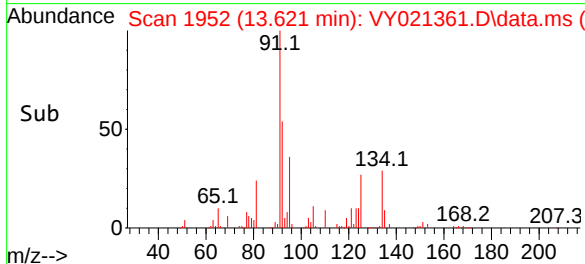
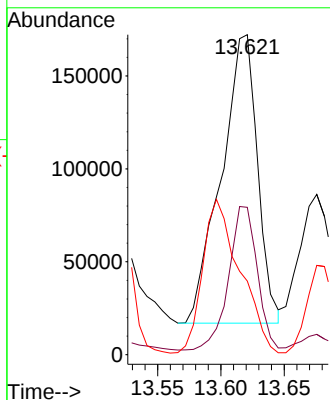
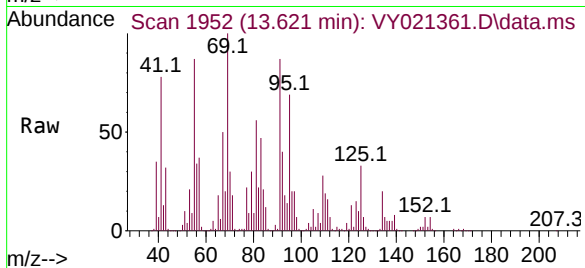
Tgt Ion: 91 Resp: 309757

Ion Ratio Lower Upper

91 100

92 39.3 26.4 79.2

134 0.0 12.7 38.0#



#90

Hexachloroethane

Concen: 72.749 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY021361.D

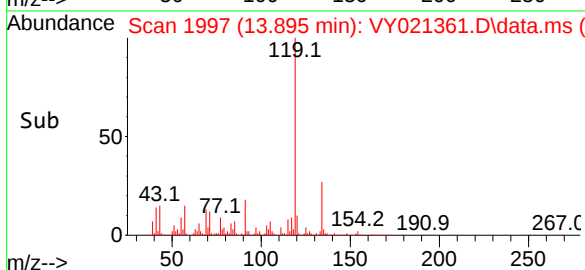
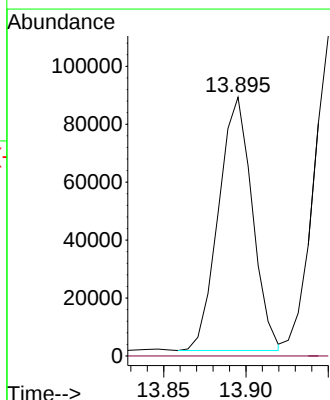
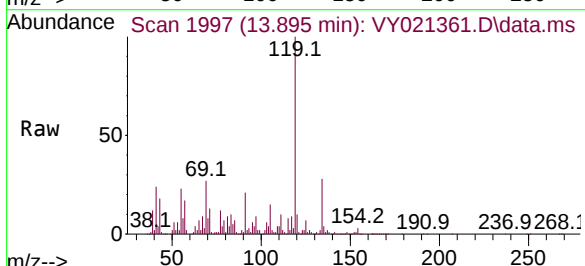
Acq: 27 Feb 2025 16:22

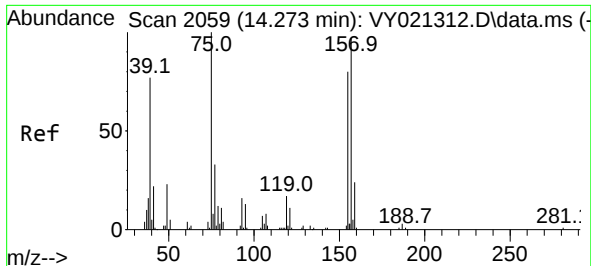
Tgt Ion: 117 Resp: 124800

Ion Ratio Lower Upper

117 100

201 0.0 38.4 115.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 16.907 ug/l

RT: 14.298 min Scan# 2059

Delta R.T. 0.025 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-227RE

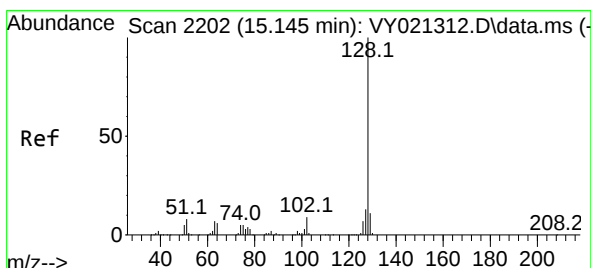
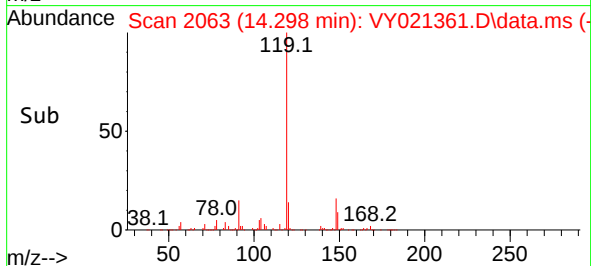
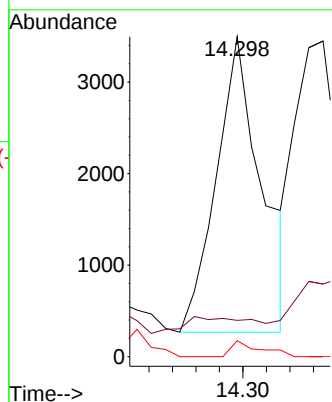
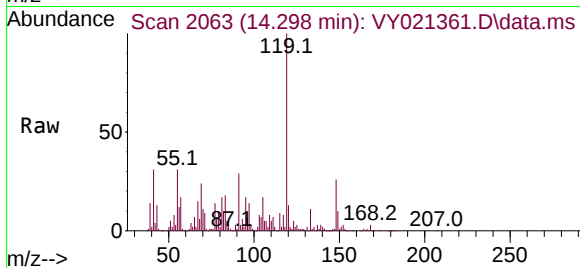
Tgt Ion: 75 Resp: 4290

Ion Ratio Lower Upper

75 100

155 0.0 41.9 125.6#

157 3.4 52.5 157.6#



#95

Naphthalene

Concen: 6.126 ug/l

RT: 15.114 min Scan# 2197

Delta R.T. -0.030 min

Lab File: VY021361.D

Acq: 27 Feb 2025 16:22

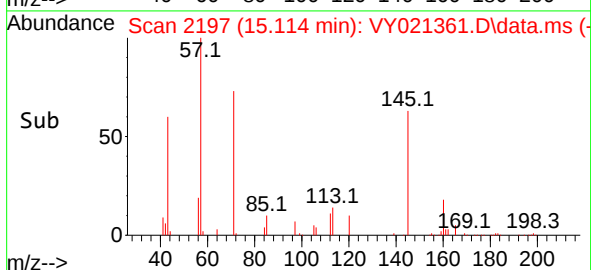
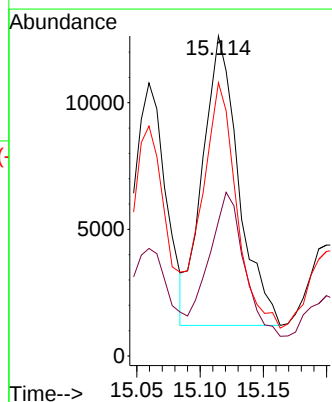
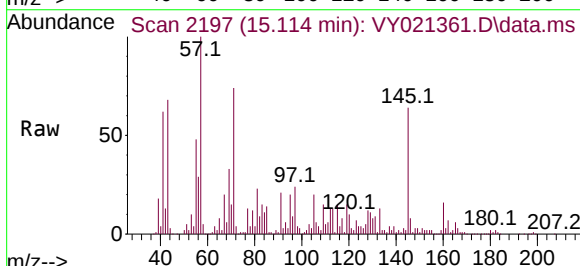
Tgt Ion: 128 Resp: 22689

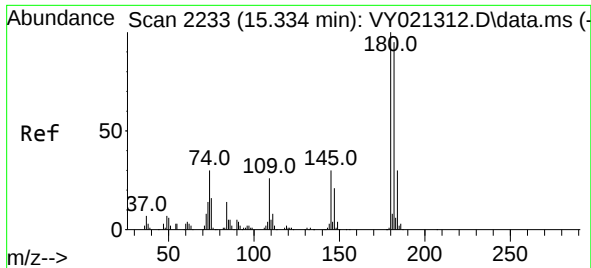
Ion Ratio Lower Upper

128 100

127 47.7 10.5 15.7#

129 80.4 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.289 ug/l
 RT: 15.352 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VY021361.D
 Acq: 27 Feb 2025 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-227RE

Tgt Ion:180 Resp: 2435
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.3 144.9#
 145 0.0 16.1 48.3#

