

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL041999.D
 Acq On : 11 Feb 2025 12:13
 Operator : SY/MD
 Sample : Q1342-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 11 22:19:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	160589	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	441083	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	384736	10.000	ppbv	-0.02

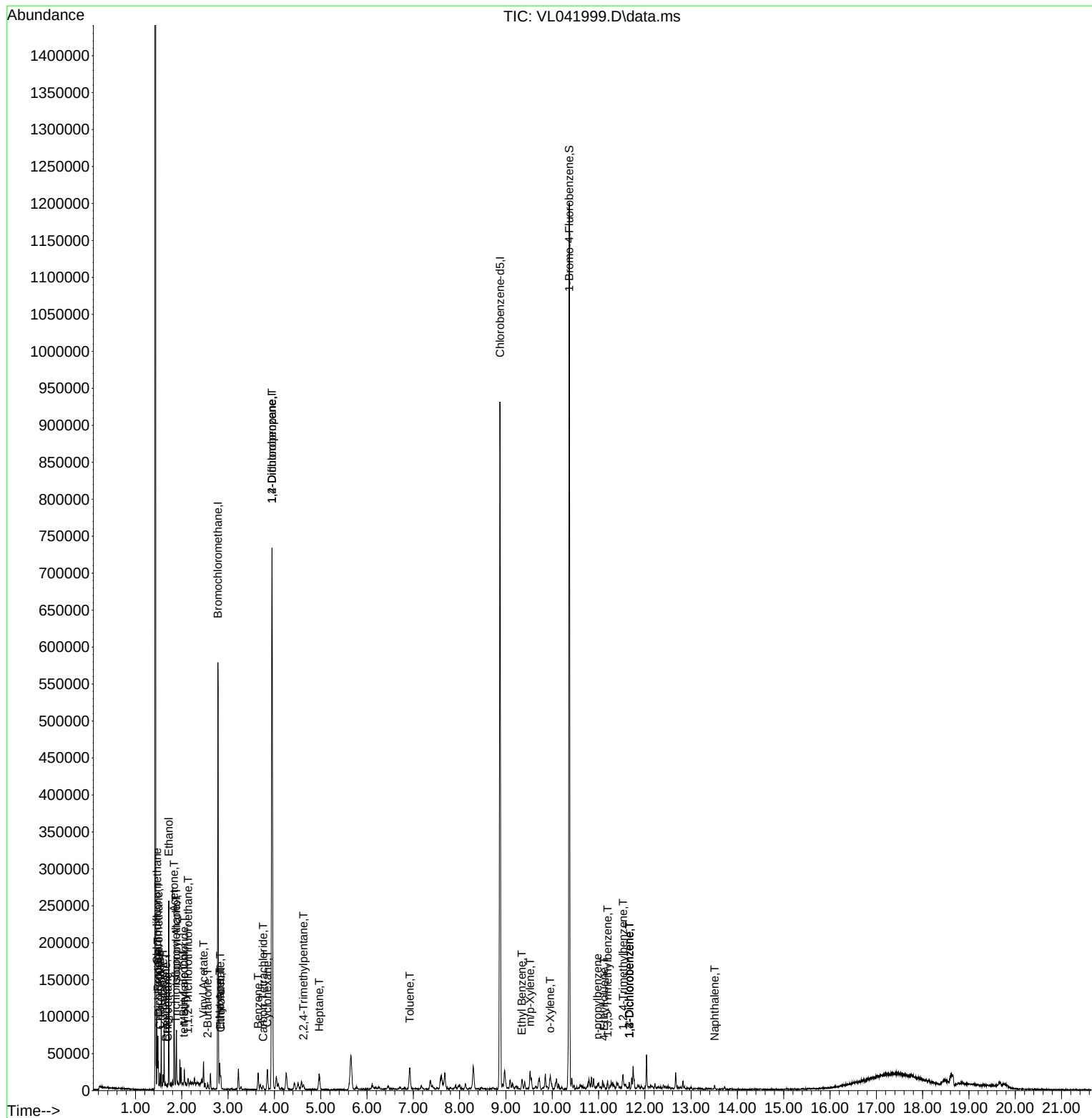
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	312912	10.326	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%

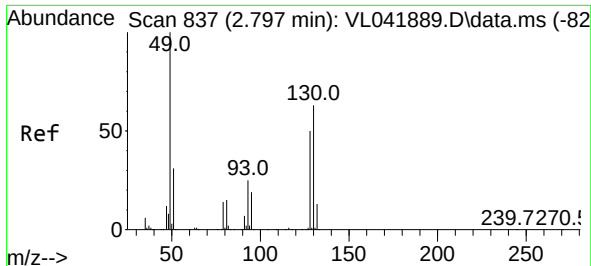
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	7925	0.362	ppbv	96
3) Chlorodifluoromethane	1.463	51	32192	1.405	ppbv #	70
4) Chloromethane	1.528	50	4443	0.540	ppbv #	88
6) Bromomethane	1.661	94	120	0.030	ppbv #	6
7) Chloroethane	1.700	64	110	0.034	ppbv	98
9) Propene	1.483	41	6464	0.685	ppbv #	83
10) Heptane	4.969	43	7343	0.291	ppbv	90
11) Trichlorofluoromethane	1.874	101	4406	0.194	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.137	101	1242	0.070	ppbv	92
13) Ethanol	1.719	45	86592	125.235	ppbv	87
15) Acetone	1.832	43	73259	3.798	ppbv	98
16) 1,3-Butadiene	1.596	39	1809	0.209	ppbv #	55
17) tert-Butyl alcohol	2.043	59	882	0.037	ppbv #	73
19) Isopropyl Alcohol	1.884	45	29516	2.581	ppbv #	67
20) Methylene Chloride	2.056	84	2278	0.299	ppbv #	80
23) Vinyl Acetate	2.470	43	12716	1.330	ppbv #	45
25) Ethyl Acetate	2.829	43	3647	0.070	ppbv #	81
26) Hexane	2.819	57	6855	0.333	ppbv #	48
29) Chloroform	2.839	83	5378	0.165	ppbv	85
30) Cyclohexane	3.845	84	3885	0.218	ppbv #	40
34) 2-Butanone	2.557	43	5095	0.182	ppbv	97
35) Carbon Tetrachloride	3.755	117	1650	0.060	ppbv	92
36) Benzene	3.648	78	13219	0.327	ppbv	95
39) 1,2-Dichloropropane	3.949	63	106951	7.537	ppbv #	22
44) 2,2,4-Trimethylpentane	4.626	57	2244	0.034	ppbv #	59
53) Toluene	6.924	91	21354	0.485	ppbv	100
58) Ethyl Benzene	9.345	91	5964	0.099	ppbv	95
59) m/p-Xylene	9.523	91	13923	0.289	ppbv	93
60) o-Xylene	9.956	91	6356	0.133	ppbv	93
64) n-propylbenzene	10.979	120	578	0.031	ppbv	97
72) 4-Ethyltoluene	11.118	105	1806	0.032	ppbv #	59
73) 1,3,5-Trimethylbenzene	11.199	105	1819	0.036	ppbv	86
74) 1,2,4-Trimethylbenzene	11.529	105	5007	0.091	ppbv #	58
75) 1,3-Dichlorobenzene	11.662	146	1911	0.059	ppbv	92
76) 1,4-Dichlorobenzene	11.662	146	1911	0.060	ppbv	92
77) 1,2-Dichlorobenzene	11.662	146	1911	0.059	ppbv	93
79) Naphthalene	13.507	128	2669	0.048	ppbv #	89

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

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 11 22:19:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

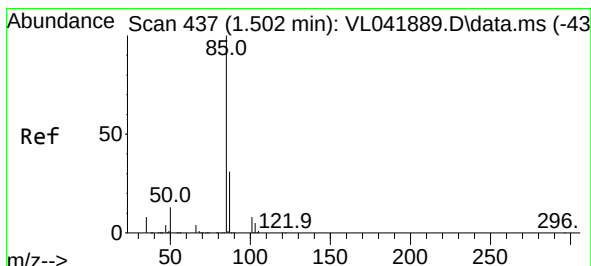
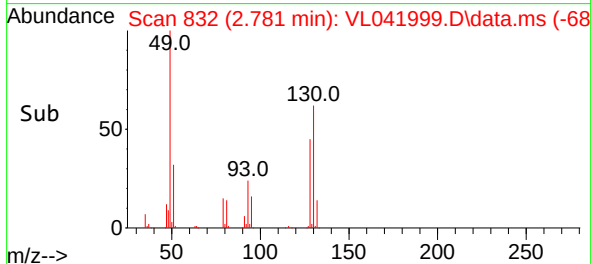
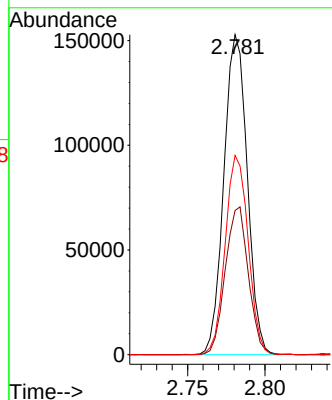
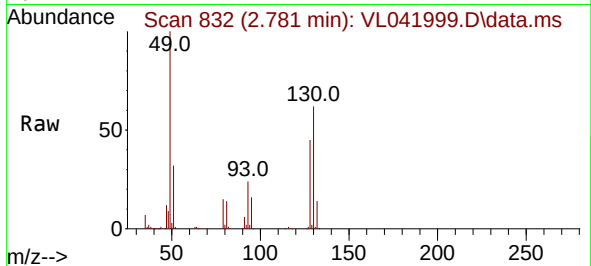




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

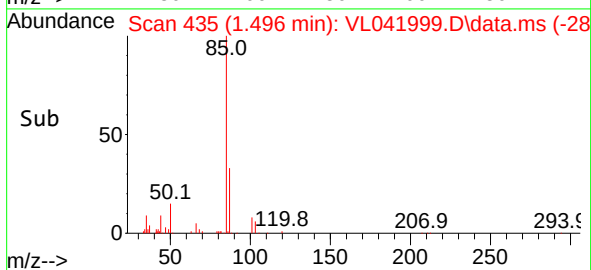
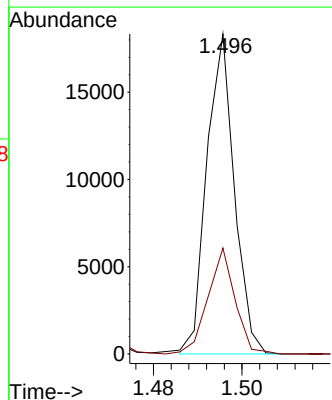
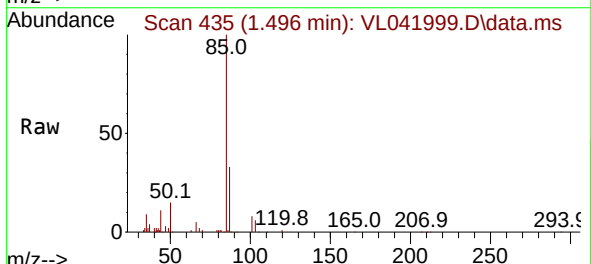
Instrument :
MSVOA_L
ClientSampleId :

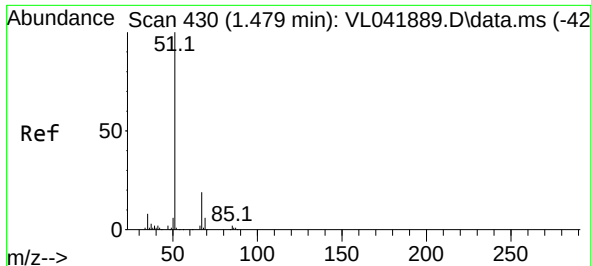
Tgt Ion: 49 Resp: 160589
Ion Ratio Lower Upper
49 100
128 45.7 24.3 73.0
130 61.1 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.362 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.006 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 85 Resp: 7925
Ion Ratio Lower Upper
85 100
87 33.1 24.9 37.3

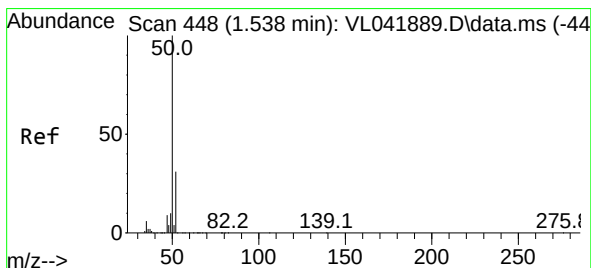
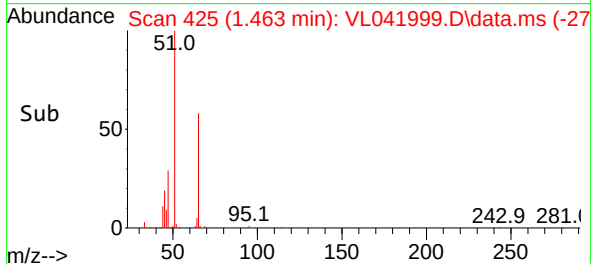
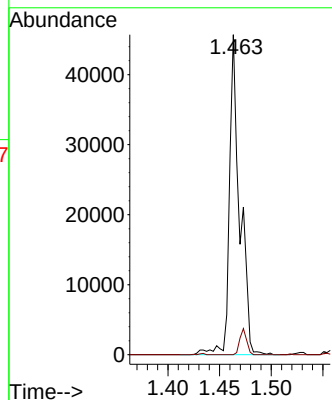
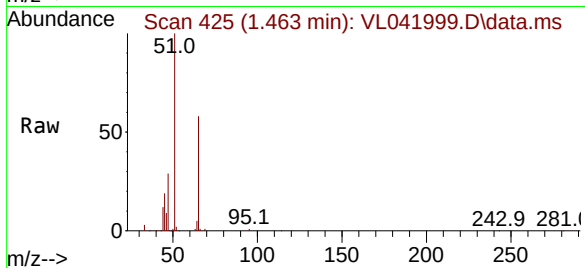




#3
Chlorodifluoromethane
Concen: 1.405 ppbv
RT: 1.463 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

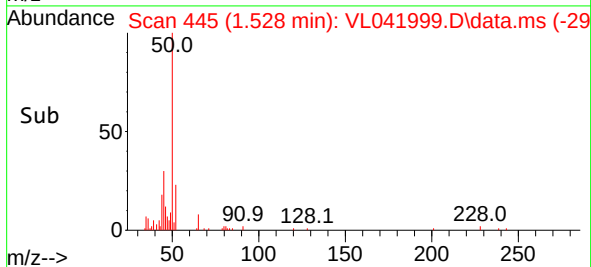
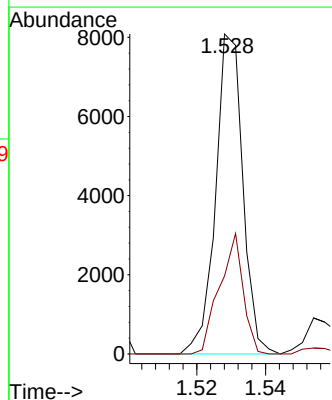
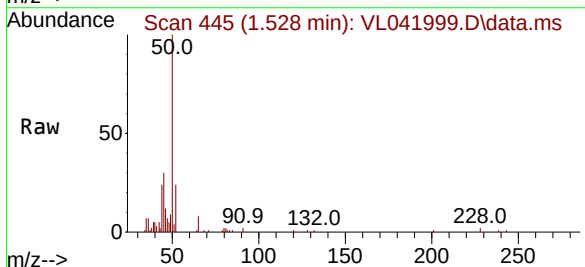
Instrument :
MSVOA_L
ClientSampleId :

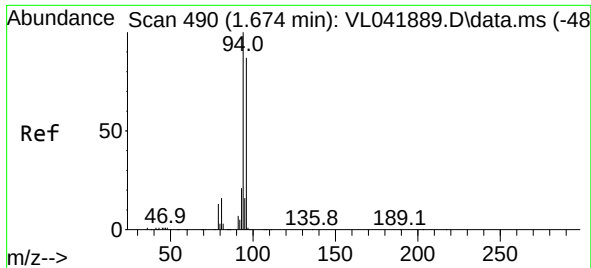
Tgt Ion: 51 Resp: 32192
Ion Ratio Lower Upper
51 100
67 5.3 15.0 22.4#



#4
Chloromethane
Concen: 0.540 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.010 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 50 Resp: 4443
Ion Ratio Lower Upper
50 100
52 24.4 24.6 36.8#

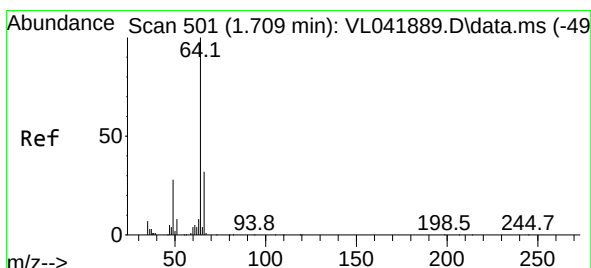
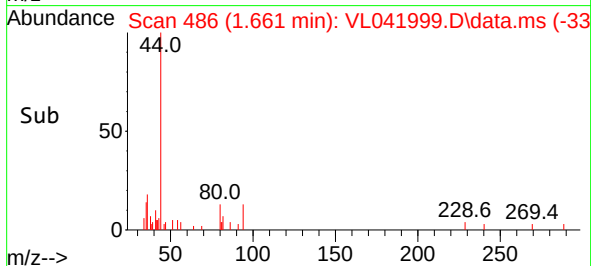
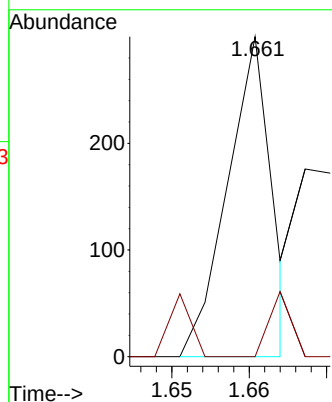
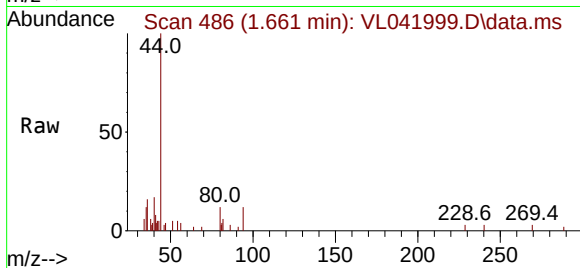




#6
Bromomethane
Concen: 0.030 ppbv
RT: 1.661 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

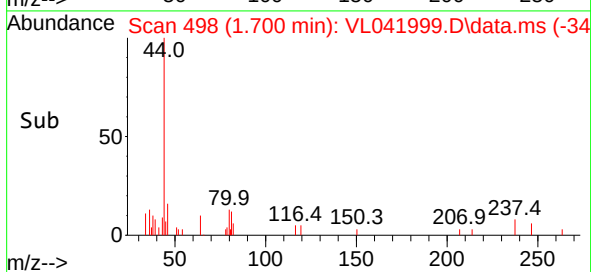
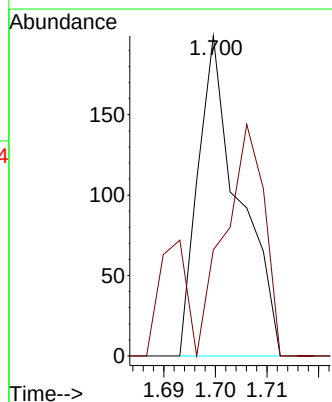
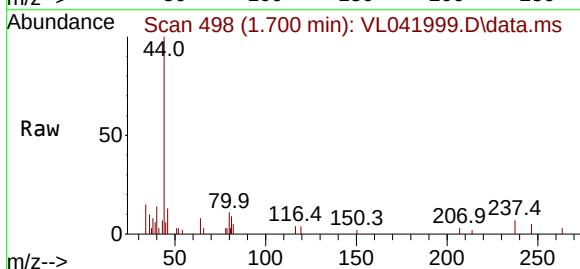
Instrument :
MSVOA_L
ClientSampleId :

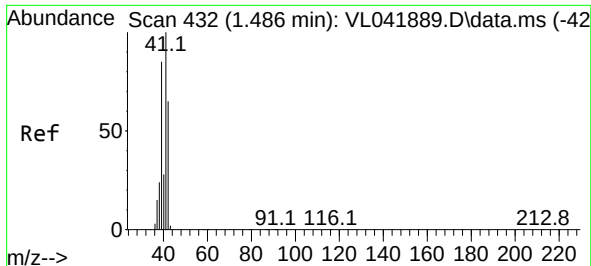
Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 0.0 69.5 104.3#



#7
Chloroethane
Concen: 0.034 ppbv
RT: 1.700 min Scan# 498
Delta R.T. -0.010 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 64 Resp: 110
Ion Ratio Lower Upper
64 100
66 33.2 25.7 38.5





#9

Propene

Concen: 0.685 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

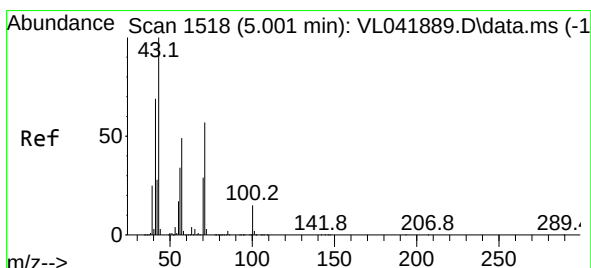
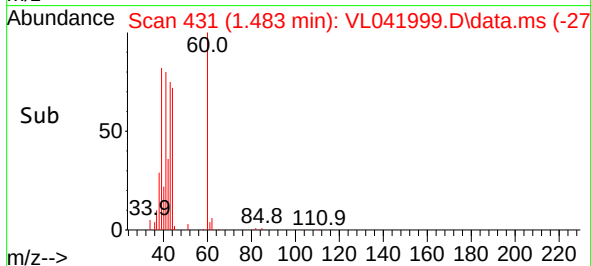
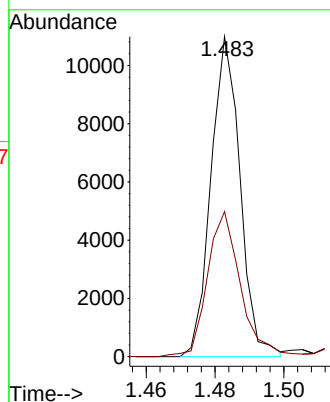
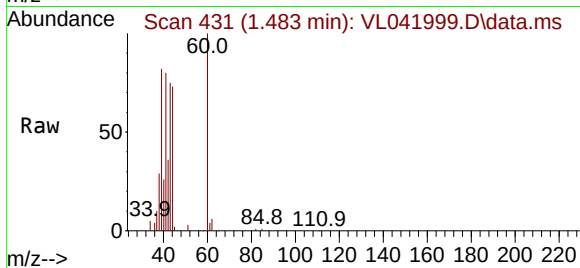
ClientSampleId :

Tgt Ion: 41 Resp: 6464

Ion Ratio Lower Upper

41 100

42 51.5 52.0 78.0#



#10

Heptane

Concen: 0.291 ppbv

RT: 4.969 min Scan# 1508

Delta R.T. -0.032 min

Lab File: VL041999.D

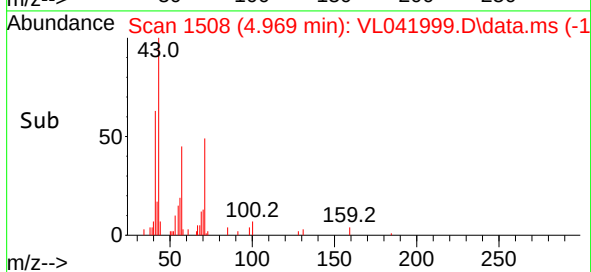
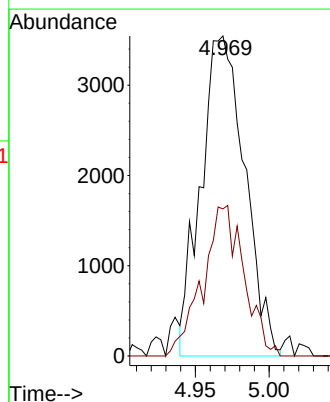
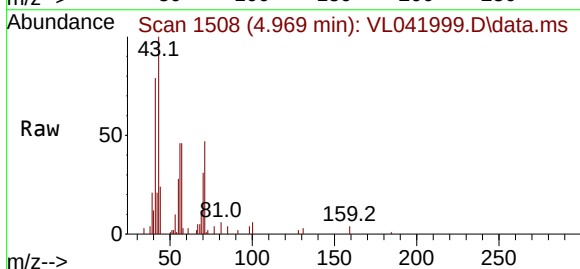
Acq: 11 Feb 2025 12:13

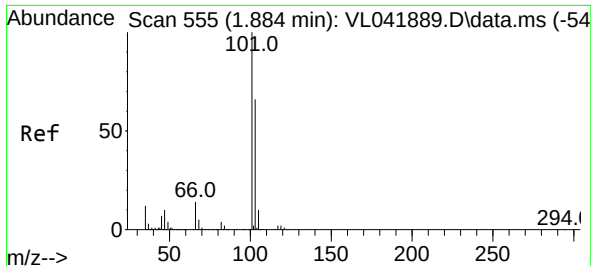
Tgt Ion: 43 Resp: 7343

Ion Ratio Lower Upper

43 100

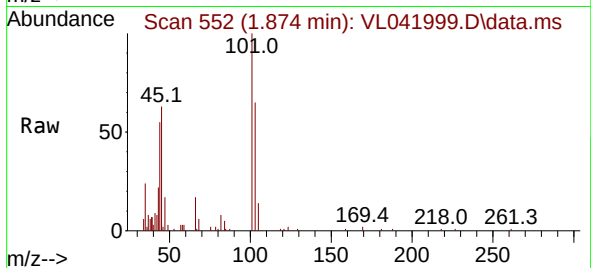
57 44.1 41.0 61.4



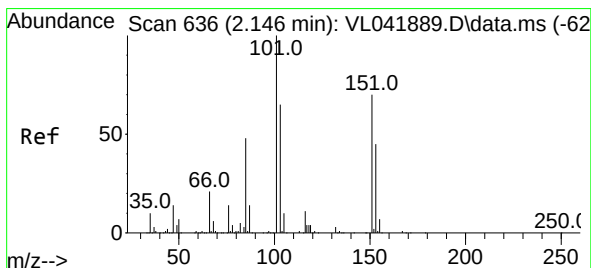
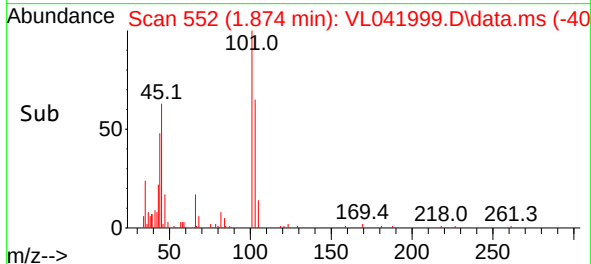
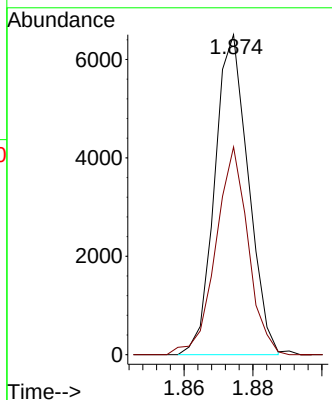


#11
Trichlorofluoromethane
Concen: 0.194 ppbv
RT: 1.874 min Scan# 511
Delta R.T. -0.010 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Instrument :
MSVOA_L
ClientSampleId :

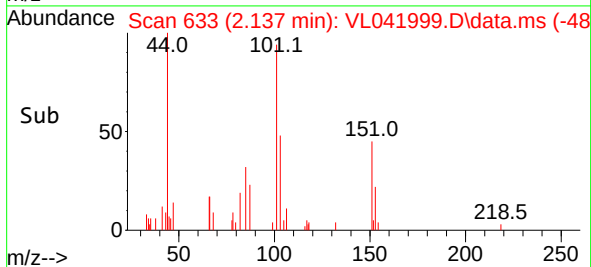
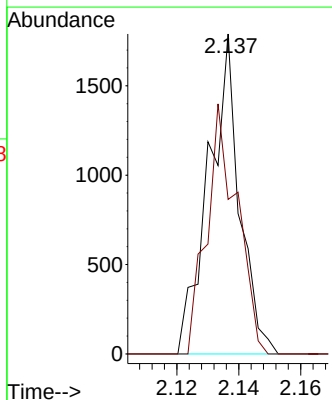
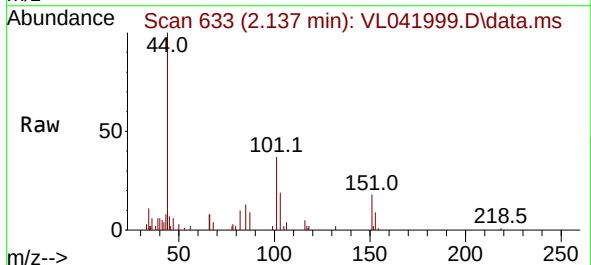


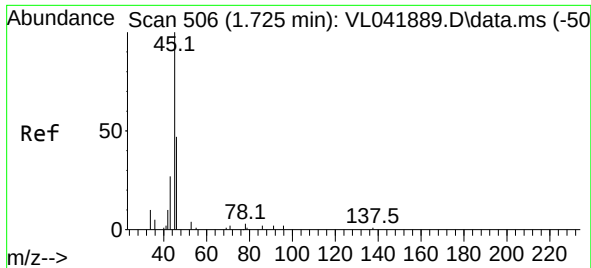
Tgt Ion:101 Resp: 4406
Ion Ratio Lower Upper
101 100
103 64.0 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.070 ppbv
RT: 2.137 min Scan# 633
Delta R.T. -0.010 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion:101 Resp: 1242
Ion Ratio Lower Upper
101 100
151 76.4 56.1 84.1

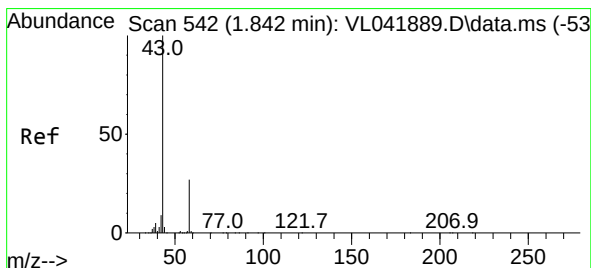
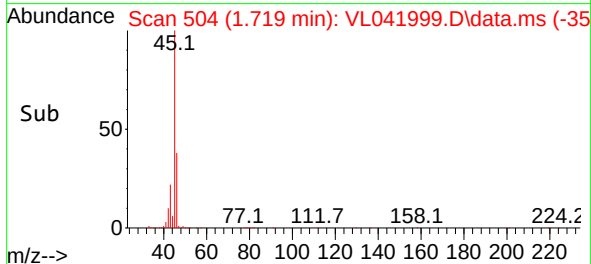
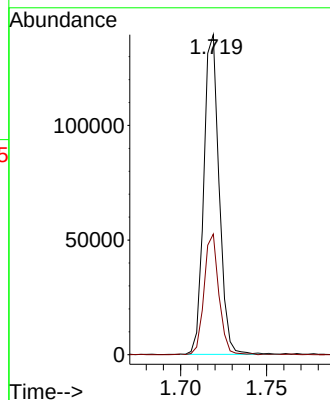
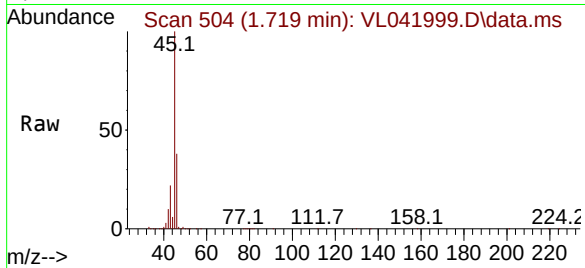




#13
 Ethanol
 Concen: 125.235 ppbv
 RT: 1.719 min Scan# 506
 Delta R.T. -0.006 min
 Lab File: VL041999.D
 Acq: 11 Feb 2025 12:13

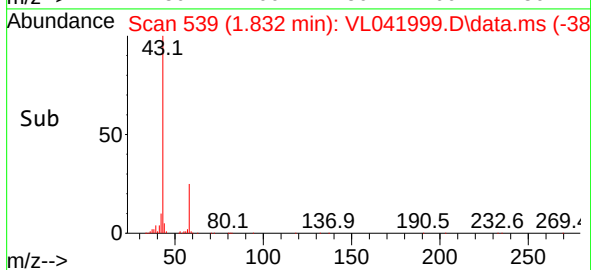
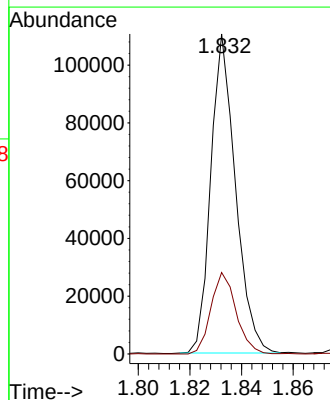
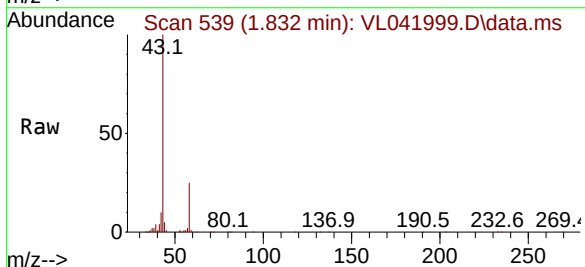
Instrument :
 MSVOA_L
 ClientSampleId :

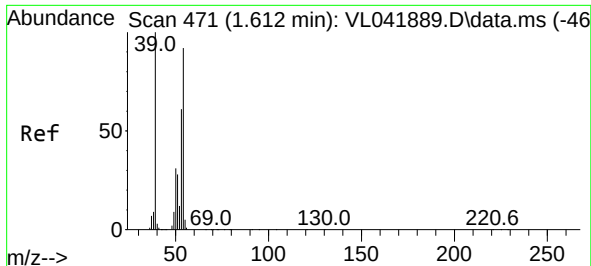
Tgt Ion: 45 Resp: 86592
 Ion Ratio Lower Upper
 45 100
 46 36.7 18.1 72.5



#15
 Acetone
 Concen: 3.798 ppbv
 RT: 1.832 min Scan# 539
 Delta R.T. -0.010 min
 Lab File: VL041999.D
 Acq: 11 Feb 2025 12:13

Tgt Ion: 43 Resp: 73259
 Ion Ratio Lower Upper
 43 100
 58 26.1 21.9 32.9





#16

1,3-Butadiene

Concen: 0.209 ppbv

RT: 1.596 min Scan# 4

Delta R.T. -0.016 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

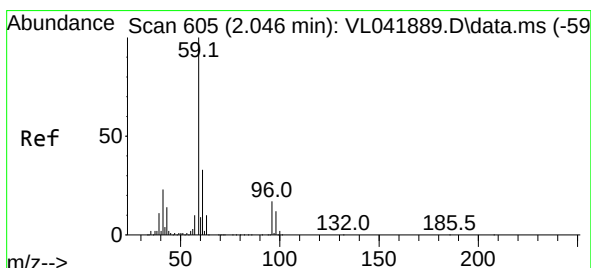
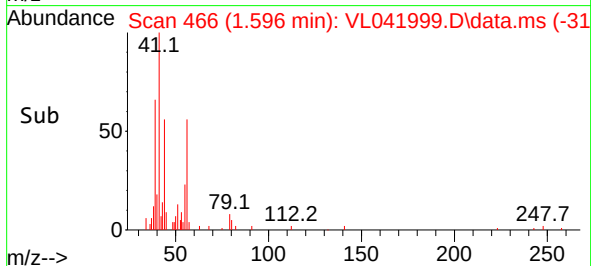
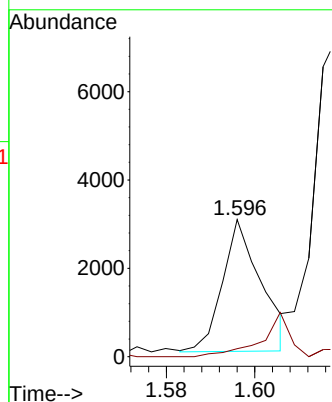
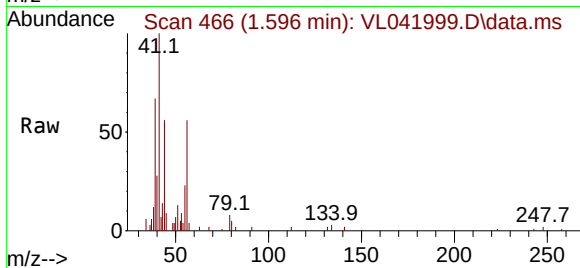
ClientSampleId :

Tgt Ion: 39 Resp: 1809

Ion Ratio Lower Upper

39 100

54 38.0 61.6 92.4#



#17

tert-Butyl alcohol

Concen: 0.037 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041999.D

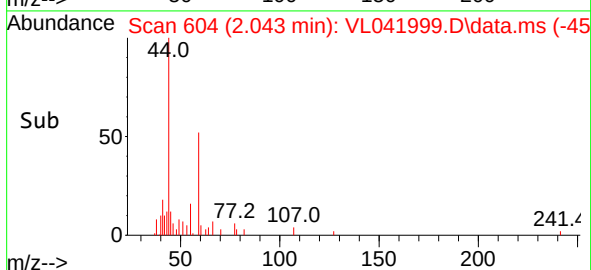
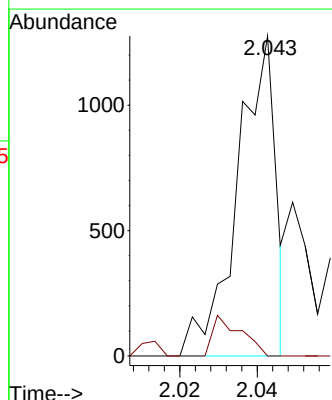
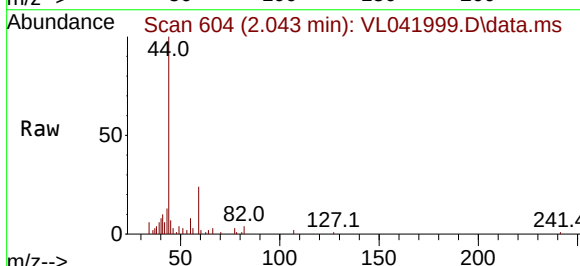
Acq: 11 Feb 2025 12:13

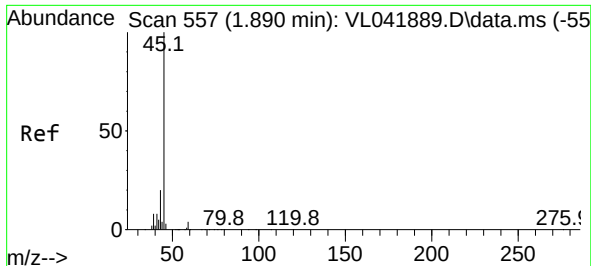
Tgt Ion: 59 Resp: 882

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

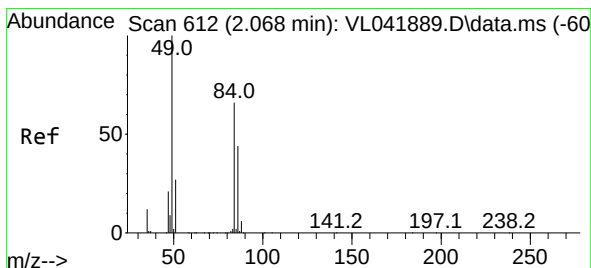
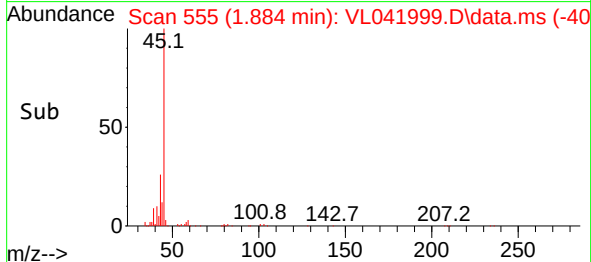
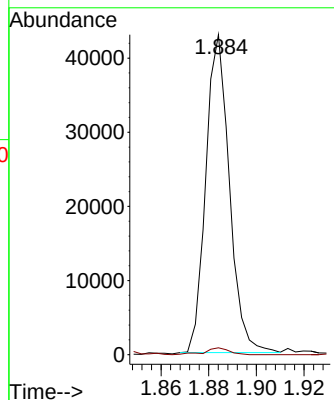
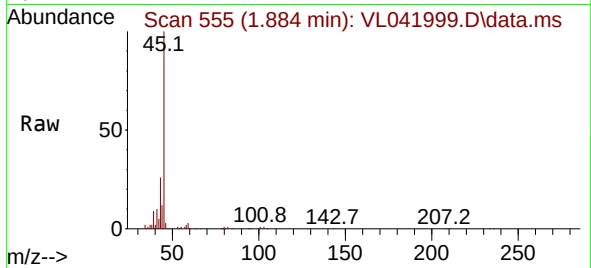




#19
Isopropyl Alcohol
Concen: 2.581 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

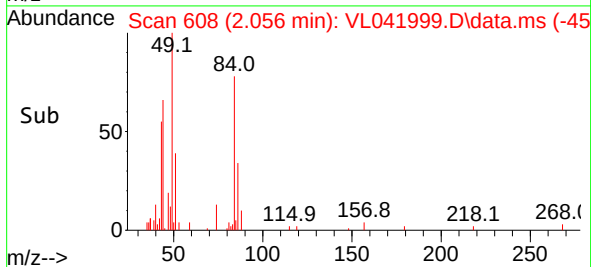
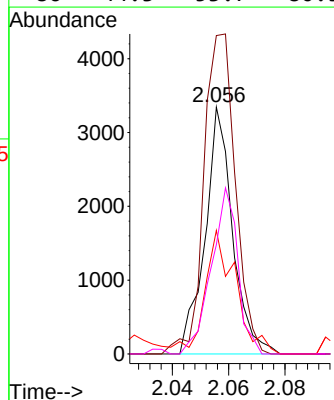
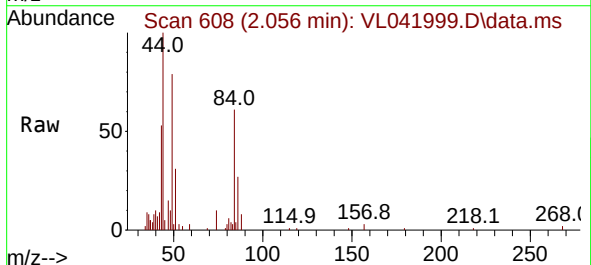
Instrument :
MSVOA_L
ClientSampleId :

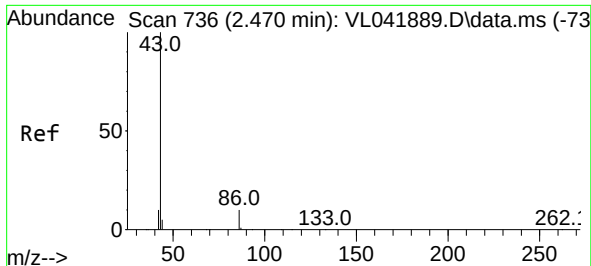
Tgt Ion: 45 Resp: 29516
Ion Ratio Lower Upper
45 100
58 64.8 35.0 52.6#



#20
Methylene Chloride
Concen: 0.299 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.013 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

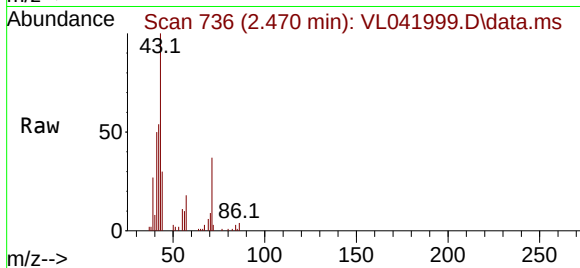
Tgt Ion: 84 Resp: 2278
Ion Ratio Lower Upper
84 100
49 129.0 123.1 184.7
51 50.0 35.8 53.8
86 44.3 53.7 80.5#



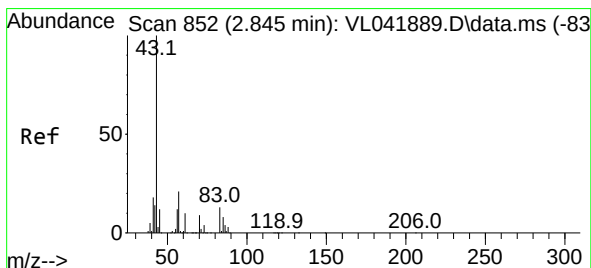
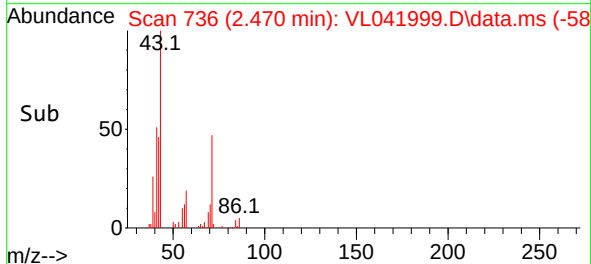
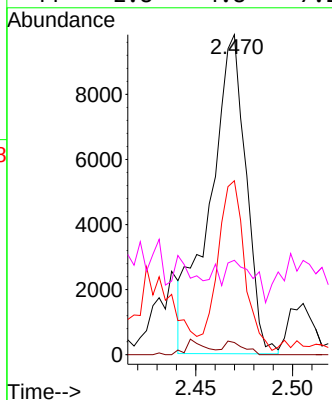


#23
Vinyl Acetate
Concen: 1.330 ppbv
RT: 2.470 min Scan# 713
Delta R.T. 0.000 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Instrument :
MSVOA_L
ClientSampleId :

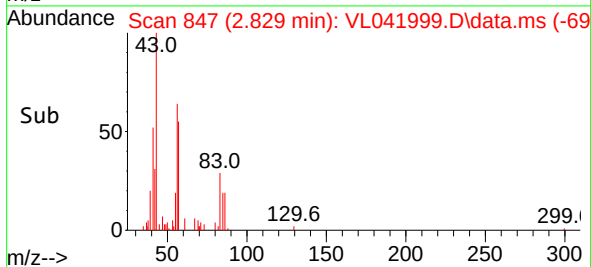
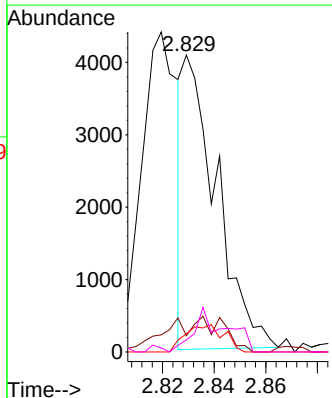
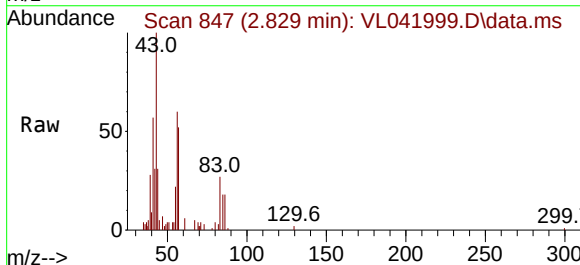


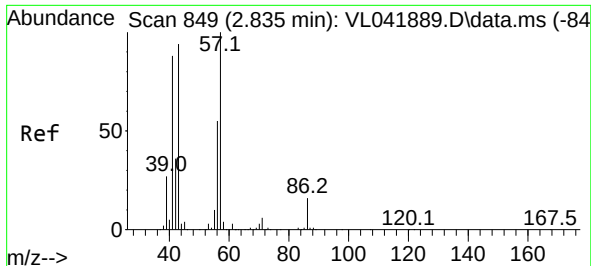
Tgt Ion:	43	Resp:	12716
Ion	Ratio	Lower	Upper
43	100		
86	3.9	6.2	9.4#
42	52.8	8.5	12.7#
44	2.8	4.8	7.2#



#25
Ethyl Acetate
Concen: 0.070 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.016 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

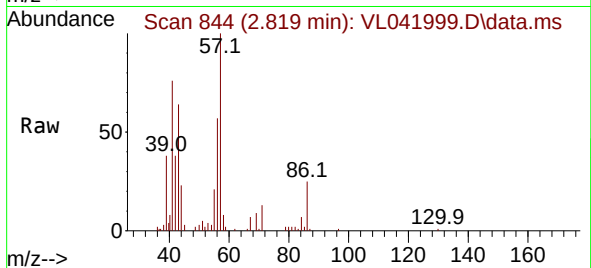
Tgt Ion:	43	Resp:	3647
Ion	Ratio	Lower	Upper
43	100		
45	22.1	8.2	12.2#
61	10.7	7.4	11.0
70	16.0	7.0	10.4#



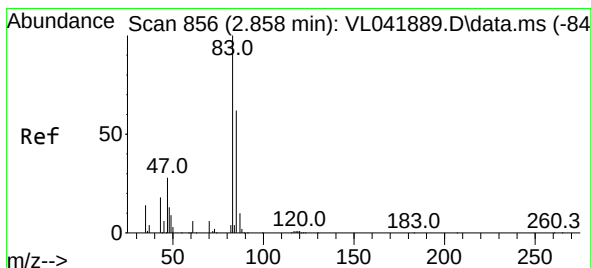
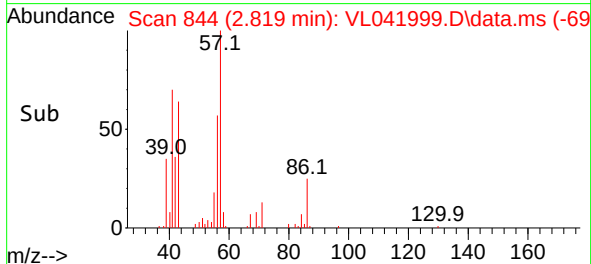
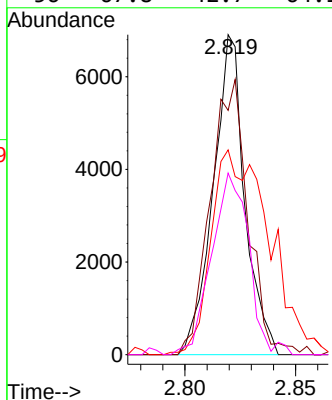


#26
Hexane
Concen: 0.333 ppbv
RT: 2.819 min Scan# 84
Delta R.T. -0.016 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Instrument :
MSVOA_L
ClientSampleId :

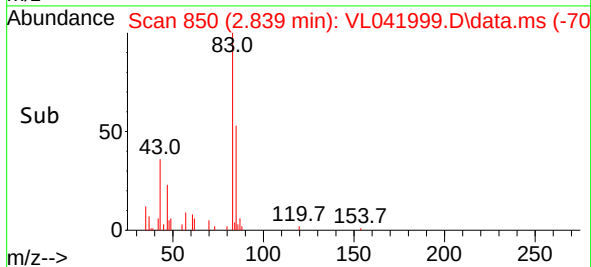
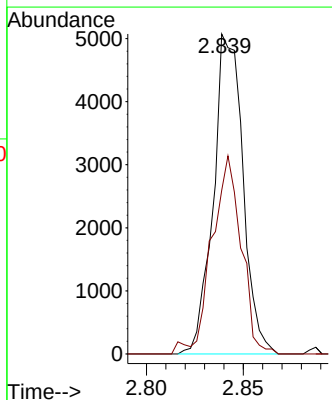
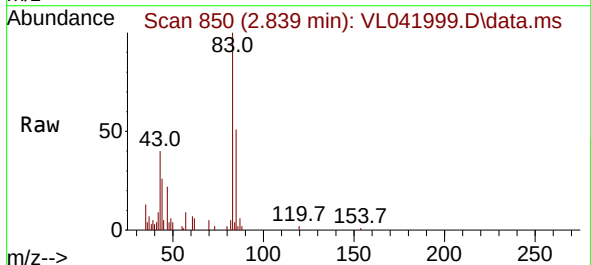


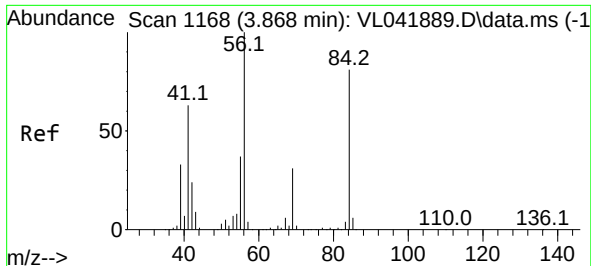
Tgt Ion: 57 Resp: 6855
Ion Ratio Lower Upper
57 100
41 105.7 73.8 110.8
43 120.3 197.3 295.9#
56 67.8 42.7 64.1#



#29
Chloroform
Concen: 0.165 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.019 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 83 Resp: 5378
Ion Ratio Lower Upper
83 100
85 51.2 50.1 75.1

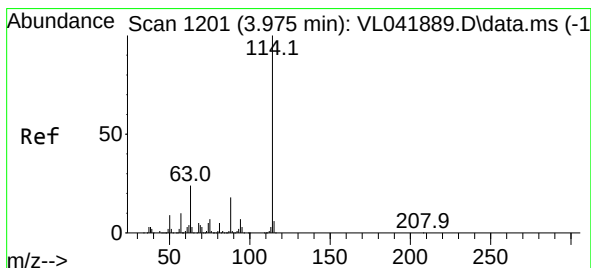
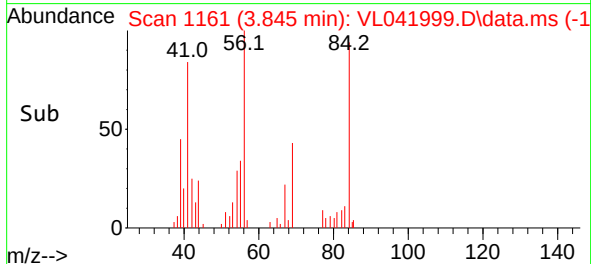
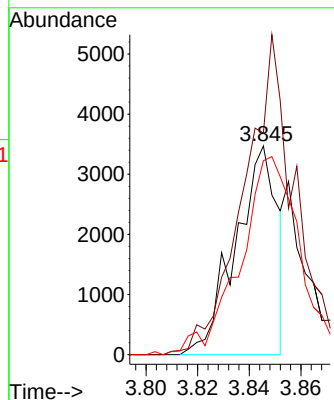
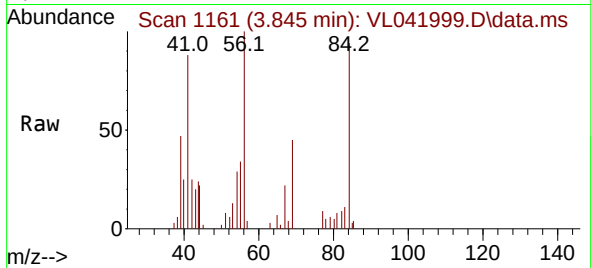




#30
Cyclohexane
Concen: 0.218 ppbv
RT: 3.845 min Scan# 1161
Delta R.T. -0.022 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

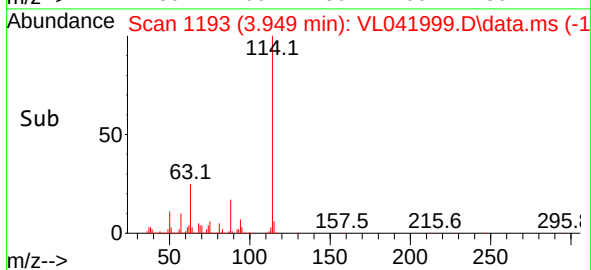
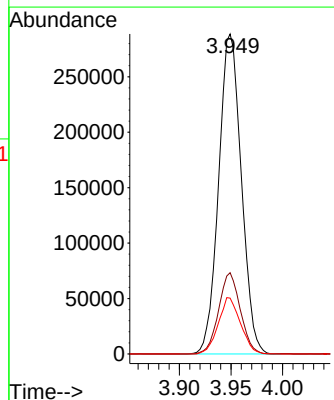
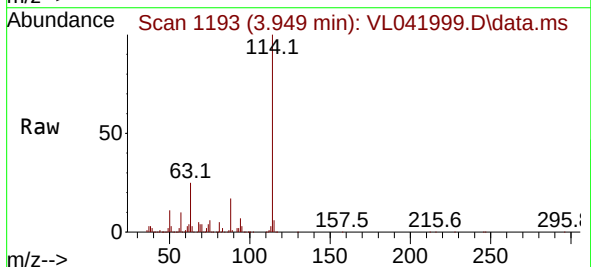
Instrument :
MSVOA_L
ClientSampleId :

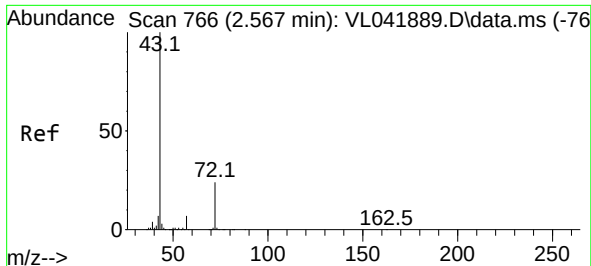
Tgt Ion: 84 Resp: 3885
Ion Ratio Lower Upper
84 100
56 186.6 99.3 148.9#
41 139.2 64.3 96.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.026 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 114 Resp: 441083
Ion Ratio Lower Upper
114 100
63 24.3 19.8 29.6
88 17.2 14.4 21.6

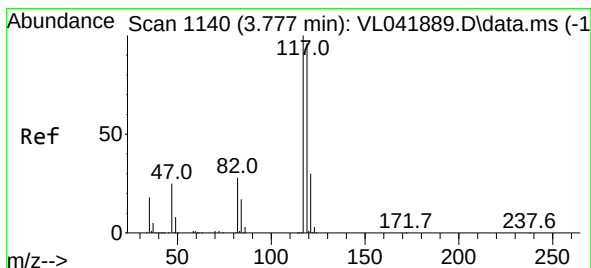
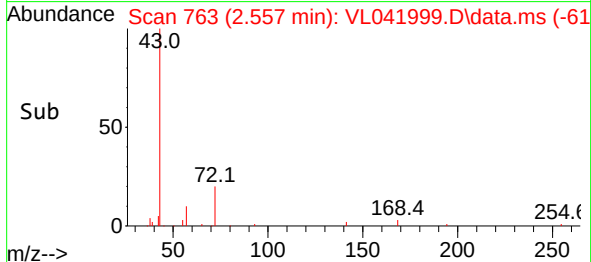
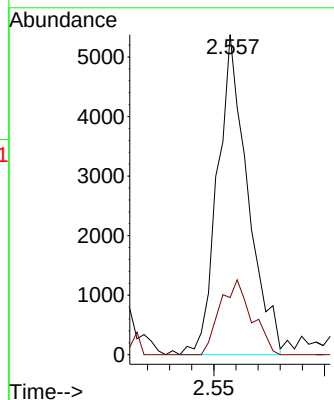
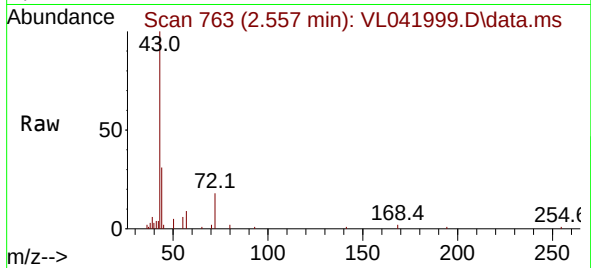




#34
2-Butanone
Concen: 0.182 ppbv
RT: 2.557 min Scan# 766
Delta R.T. -0.010 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

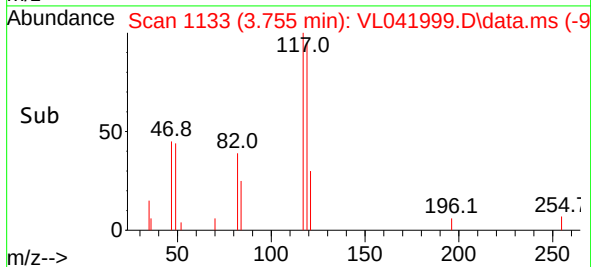
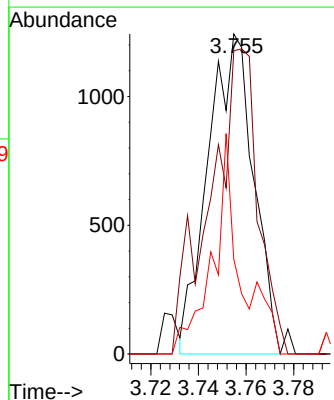
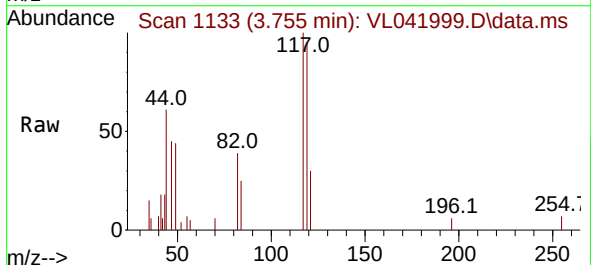
Instrument :
MSVOA_L
ClientSampleId :

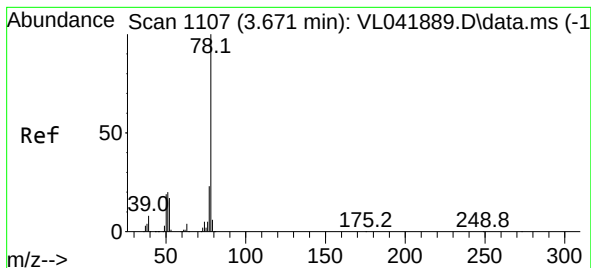
Tgt Ion: 43 Resp: 5095
Ion Ratio Lower Upper
43 100
72 24.7 18.6 28.0



#35
Carbon Tetrachloride
Concen: 0.060 ppbv
RT: 3.755 min Scan# 1133
Delta R.T. -0.022 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 117 Resp: 1650
Ion Ratio Lower Upper
117 100
119 85.8 76.9 115.3
121 29.7 23.8 35.6





#36

Benzene

Concen: 0.327 ppbv

RT: 3.648 min Scan# 1100

Delta R.T. -0.022 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

ClientSampleId :

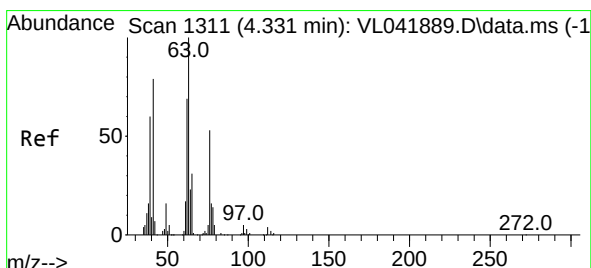
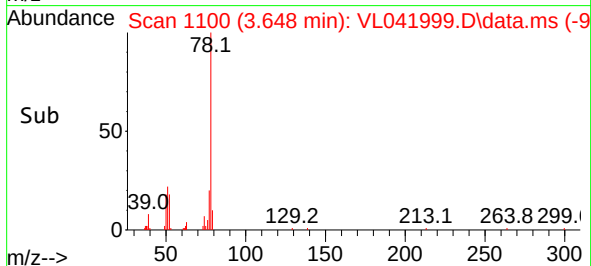
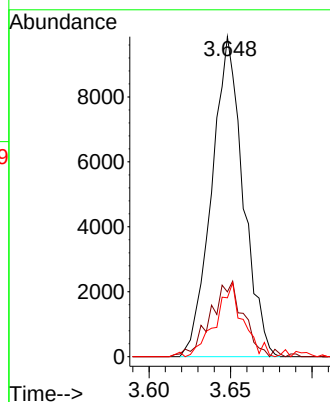
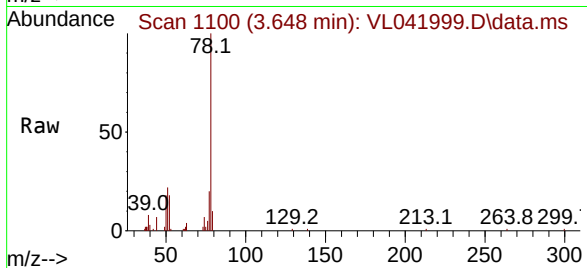
Tgt Ion: 78 Resp: 13219

Ion Ratio Lower Upper

78 100

77 19.4 18.1 27.1

50 17.8 15.2 22.8



#39

1,2-Dichloropropane

Concen: 7.537 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.382 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

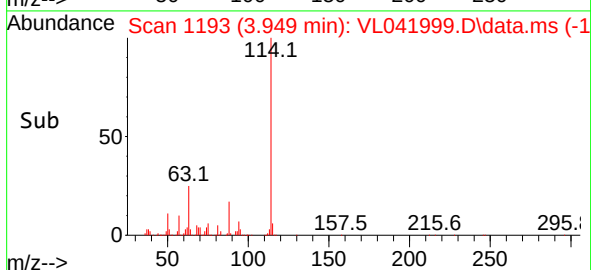
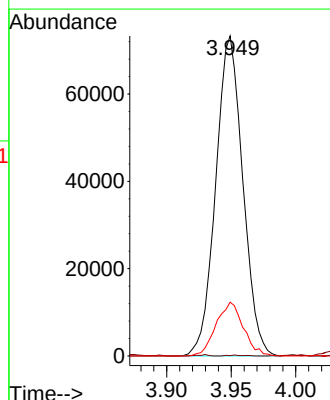
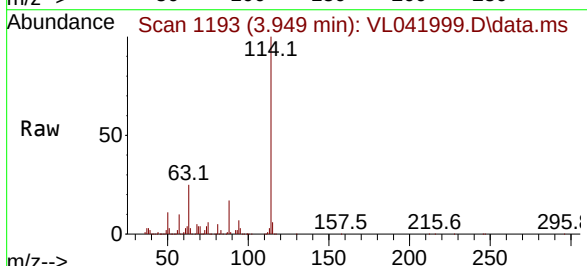
Tgt Ion: 63 Resp: 106951

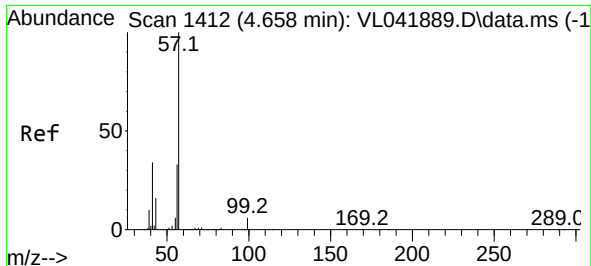
Ion Ratio Lower Upper

63 100

41 0.1 63.7 95.5#

62 16.8 55.4 83.2#





#44

2,2,4-Trimethylpentane

Concen: 0.034 ppbv

RT: 4.626 min Scan# 1412

Delta R.T. -0.032 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

ClientSampleId :

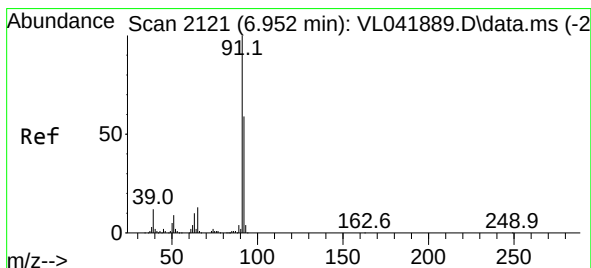
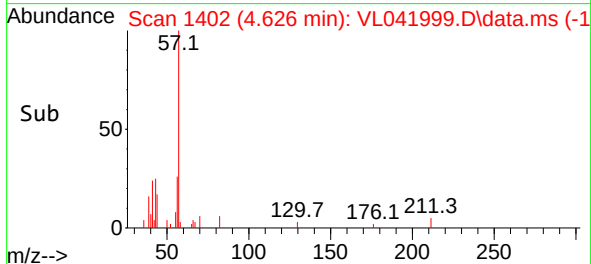
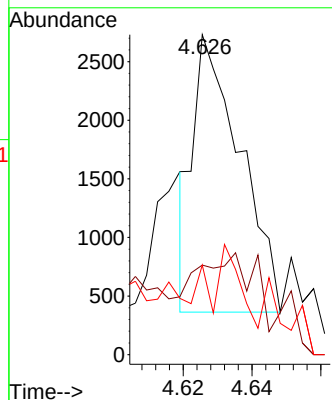
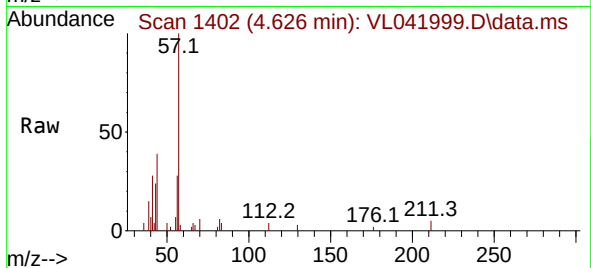
Tgt Ion: 57 Resp: 2244

Ion Ratio Lower Upper

57 100

41 59.8 26.6 40.0#

56 51.2 25.4 38.2#



#53

Toluene

Concen: 0.485 ppbv

RT: 6.924 min Scan# 2112

Delta R.T. -0.029 min

Lab File: VL041999.D

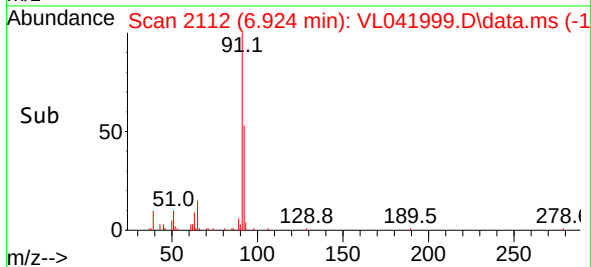
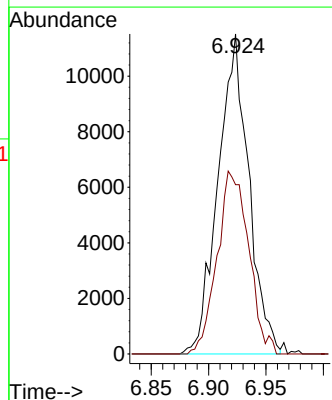
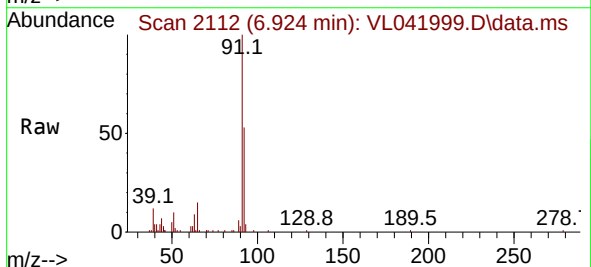
Acq: 11 Feb 2025 12:13

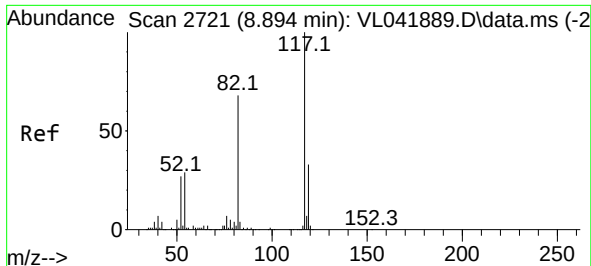
Tgt Ion: 91 Resp: 21354

Ion Ratio Lower Upper

91 100

92 59.0 47.4 71.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.872 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

ClientSampleId :

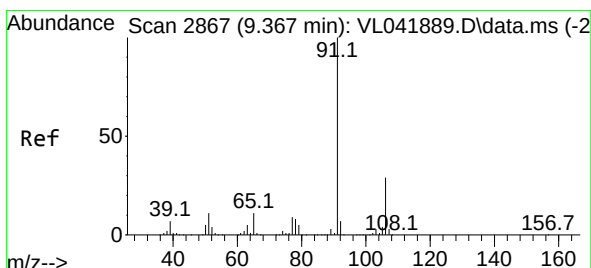
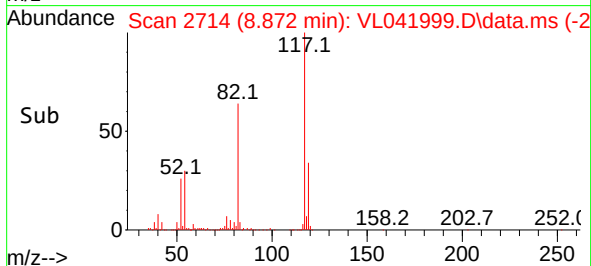
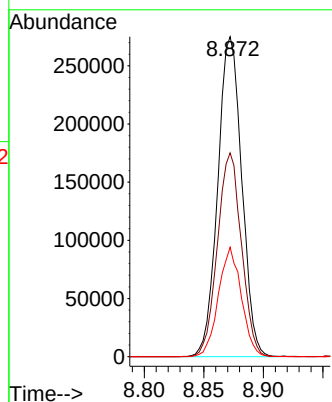
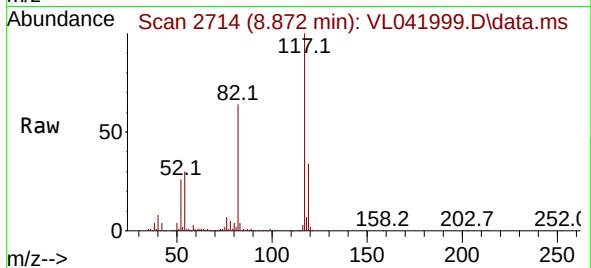
Tgt Ion:117 Resp: 384736

Ion Ratio Lower Upper

117 100

82 63.7 54.2 81.4

119 32.7 25.0 37.6



#58

Ethyl Benzene

Concen: 0.099 ppbv

RT: 9.345 min Scan# 2860

Delta R.T. -0.022 min

Lab File: VL041999.D

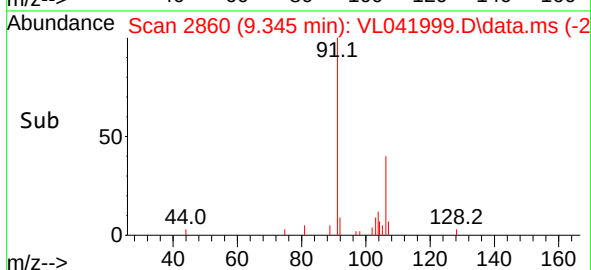
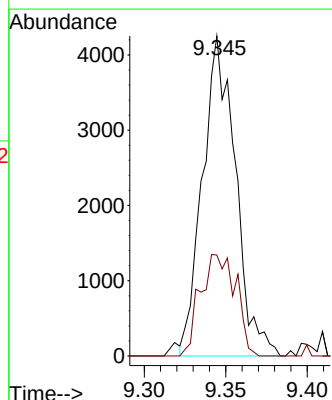
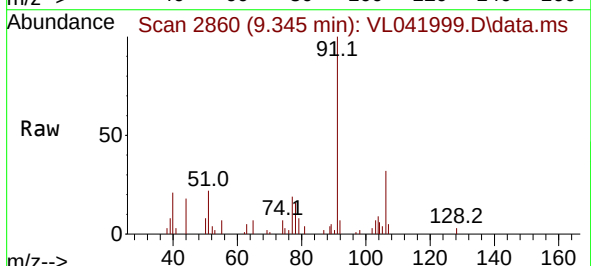
Acq: 11 Feb 2025 12:13

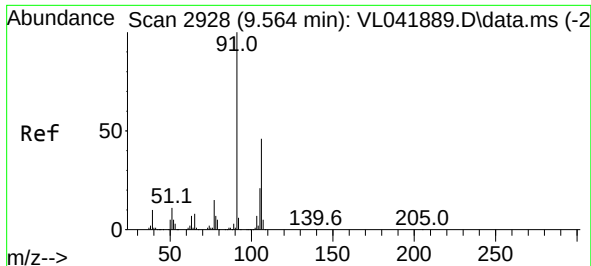
Tgt Ion: 91 Resp: 5964

Ion Ratio Lower Upper

91 100

106 31.5 23.1 34.7





#59

m/p-Xylene

Concen: 0.289 ppbv

RT: 9.523 min Scan# 2915

Delta R.T. -0.042 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

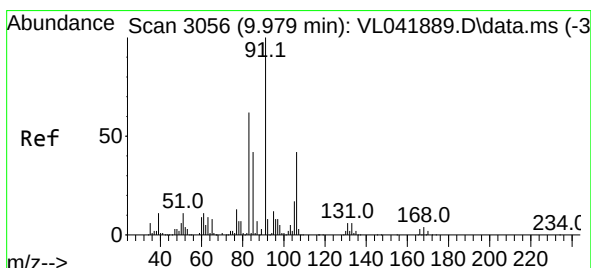
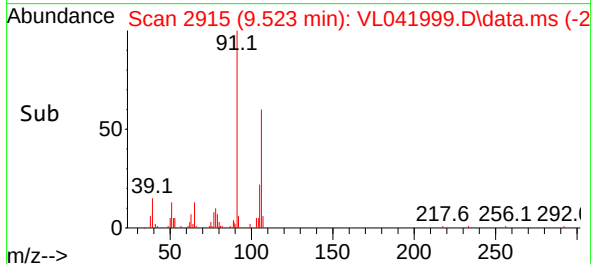
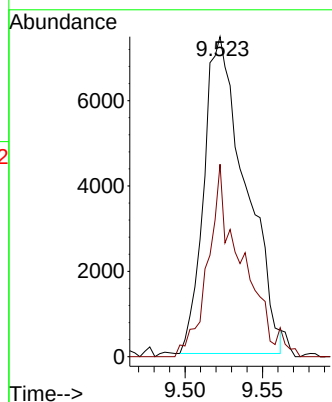
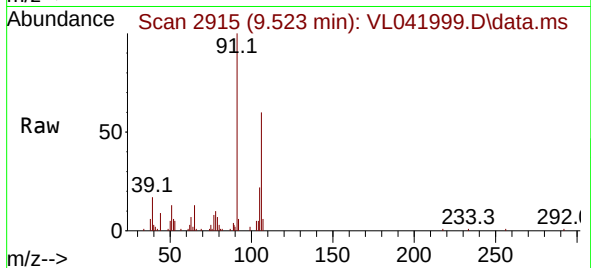
ClientSampleId :

Tgt Ion: 91 Resp: 13923

Ion Ratio Lower Upper

91 100

106 49.6 36.0 54.0



#60

o-Xylene

Concen: 0.133 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.022 min

Lab File: VL041999.D

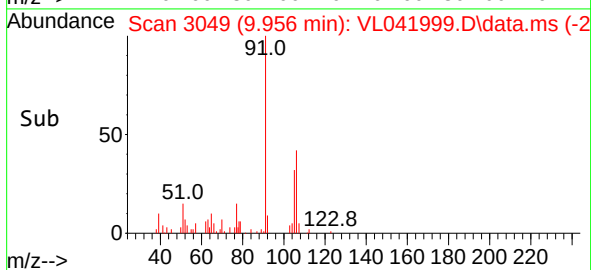
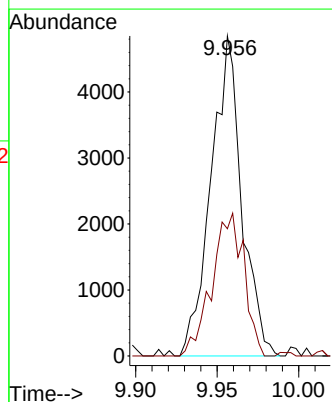
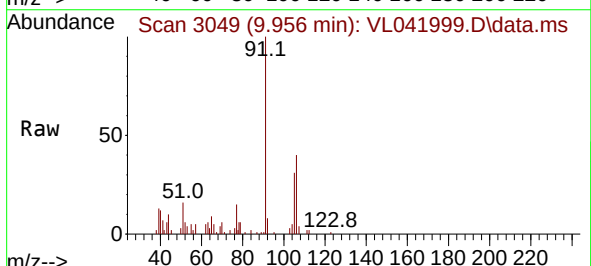
Acq: 11 Feb 2025 12:13

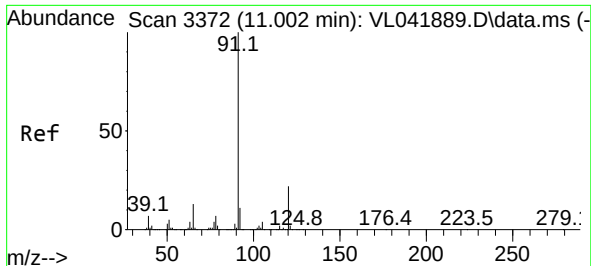
Tgt Ion: 91 Resp: 6356

Ion Ratio Lower Upper

91 100

106 47.0 21.3 63.9

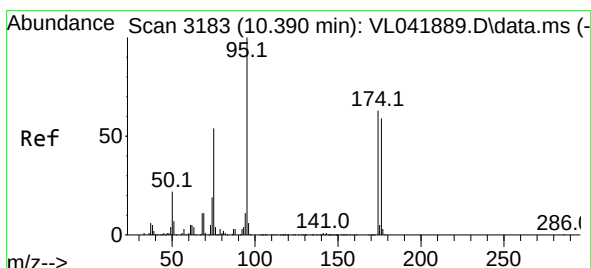
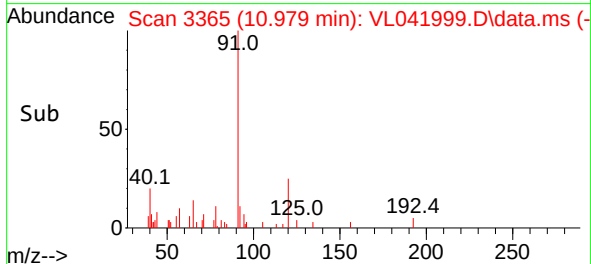
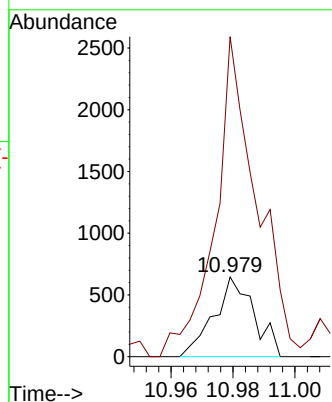
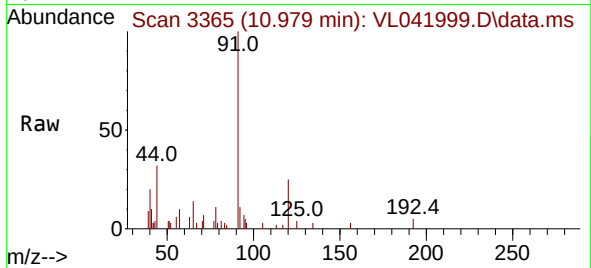




#64
n-propylbenzene
Concen: 0.031 ppbv
RT: 10.979 min Scan# 3176
Delta R.T. -0.022 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

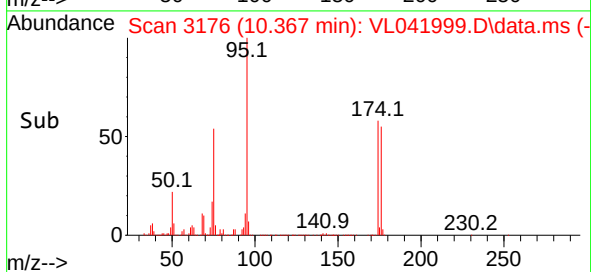
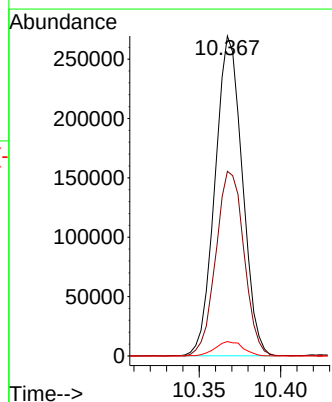
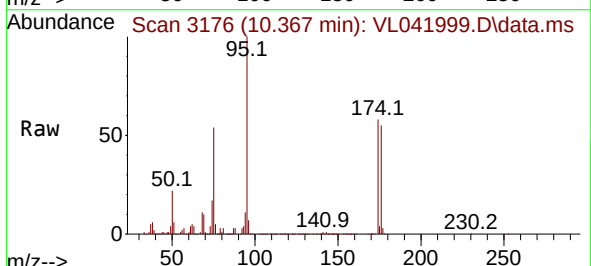
Instrument :
MSVOA_L
ClientSampleId :

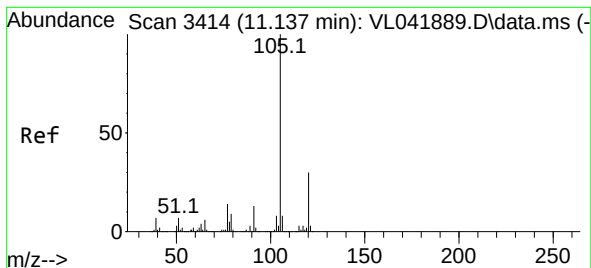
Tgt Ion:120 Resp: 578
Ion Ratio Lower Upper
120 100
91 459.5 374.1 561.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.326 ppbv
RT: 10.367 min Scan# 3176
Delta R.T. -0.022 min
Lab File: VL041999.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 95 Resp: 312912
Ion Ratio Lower Upper
95 100
174 59.9 49.0 73.4
175 4.6 3.8 5.8





#72

4-Ethyltoluene

Concen: 0.032 ppbv

RT: 11.118 min Scan# 3414

Delta R.T. -0.019 min

Lab File: VL041999.D

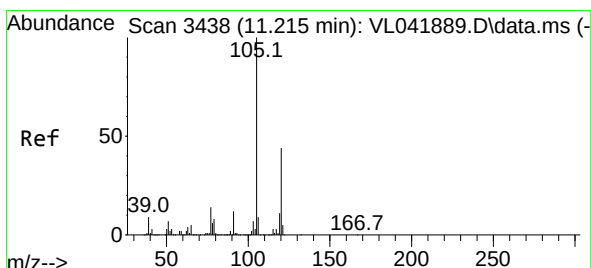
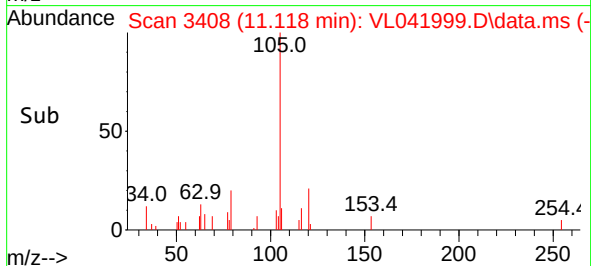
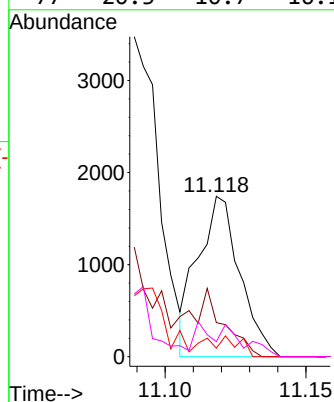
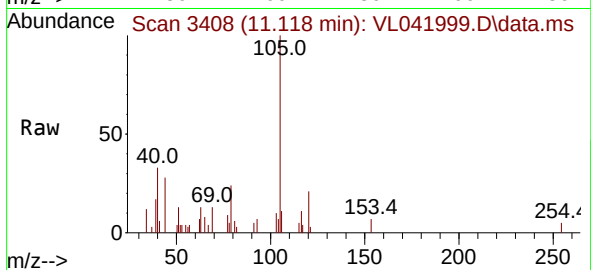
Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	105	Resp:	1806
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.7	35.5#
91	0.0	10.2	15.2#
77	20.3	10.7	16.1#



#73

1,3,5-Trimethylbenzene

Concen: 0.036 ppbv

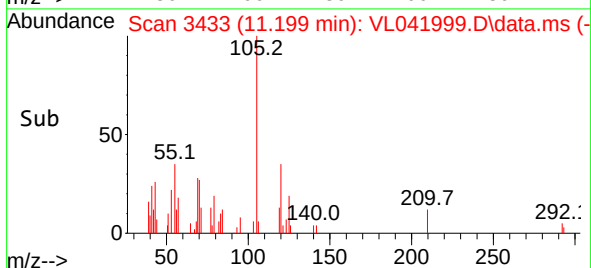
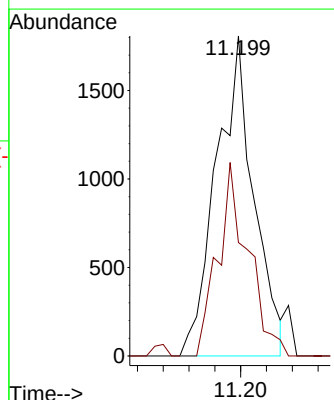
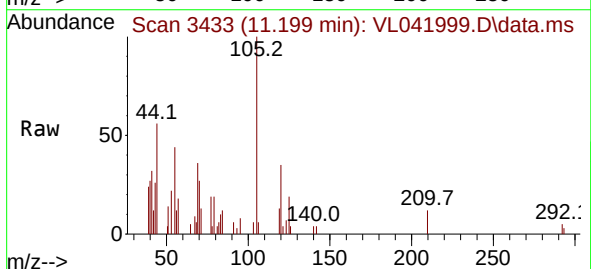
RT: 11.199 min Scan# 3433

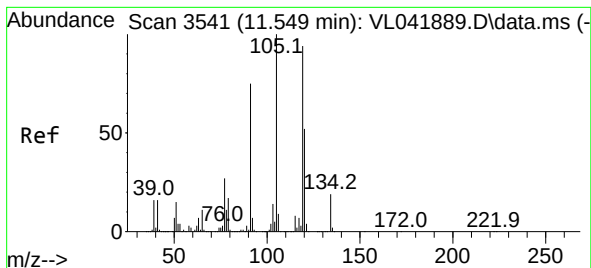
Delta R.T. -0.016 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Tgt Ion:	105	Resp:	1819
Ion	Ratio	Lower	Upper
105	100		
120	35.5	35.4	53.2





#74

1,2,4-Trimethylbenzene

Concen: 0.091 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.019 min

Lab File: VL041999.D

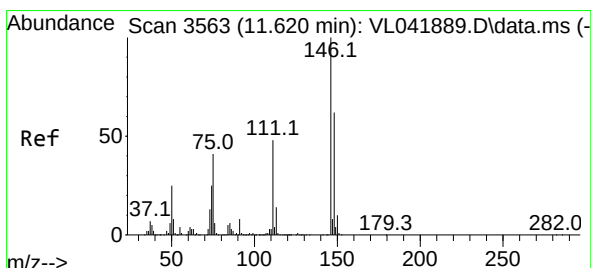
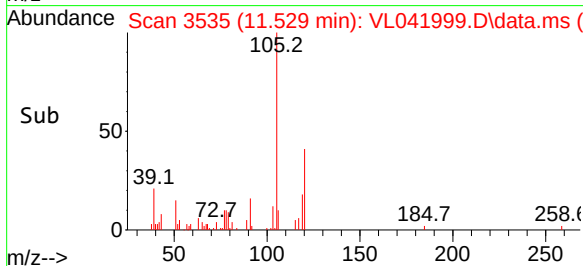
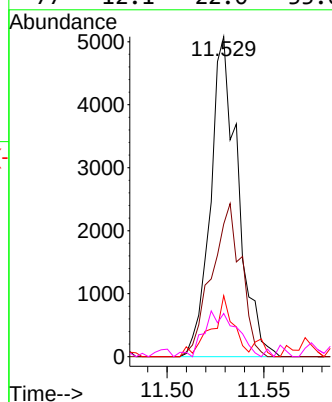
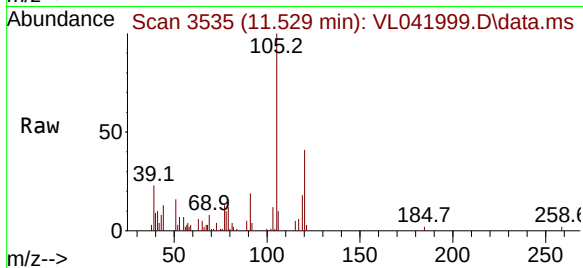
Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	105	Resp:	5007
Ion	Ratio	Lower	Upper
105	100		
120	41.4	41.4	62.2#
91	19.1	60.2	90.2#
77	12.1	22.0	33.0#



#75

1,3-Dichlorobenzene

Concen: 0.059 ppbv

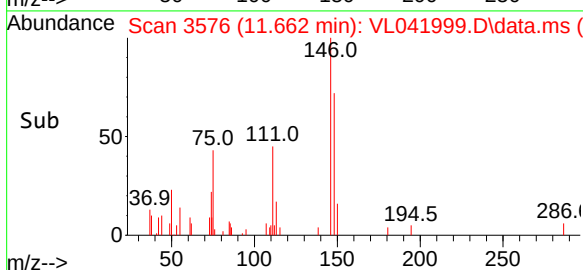
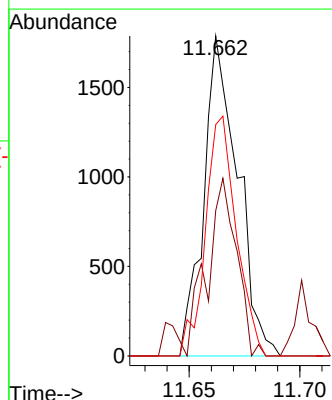
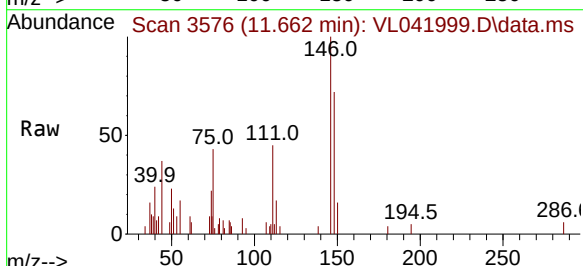
RT: 11.662 min Scan# 3576

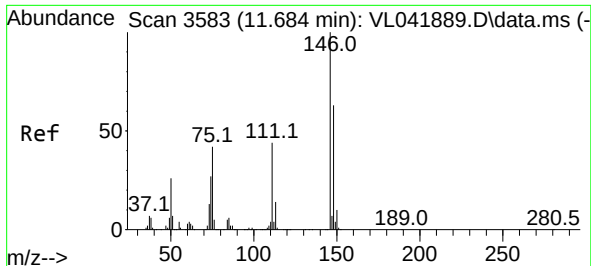
Delta R.T. 0.042 min

Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Tgt Ion:	146	Resp:	1911
Ion	Ratio	Lower	Upper
146	100		
111	53.6	23.6	70.8
148	68.0	31.4	94.0

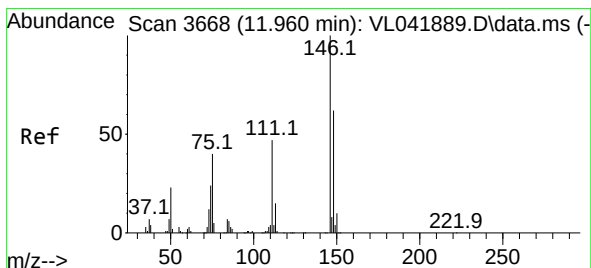
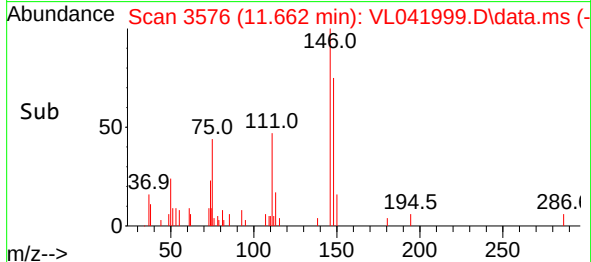
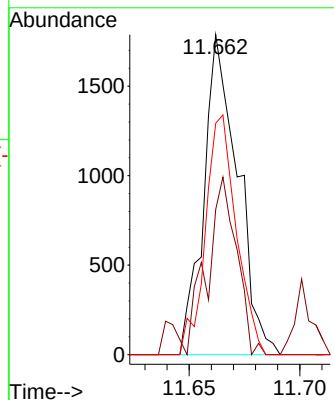
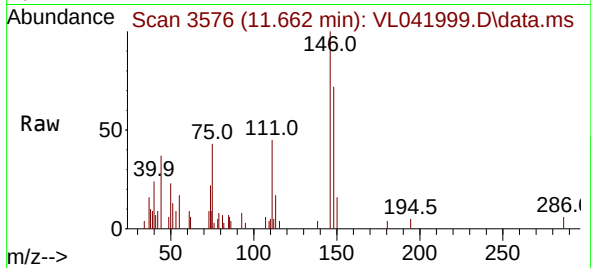




#76
 1,4-Dichlorobenzene
 Concen: 0.060 ppbv
 RT: 11.662 min Scan# 3576
 Delta R.T. -0.022 min
 Lab File: VL041999.D
 Acq: 11 Feb 2025 12:13

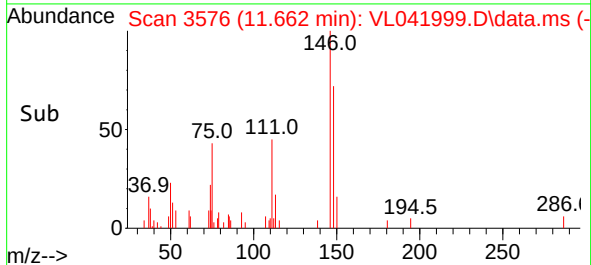
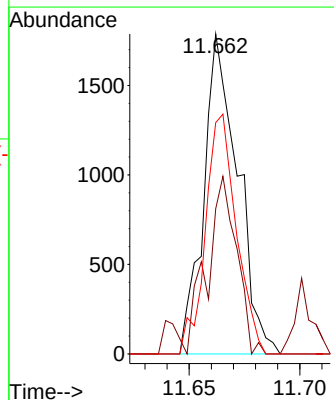
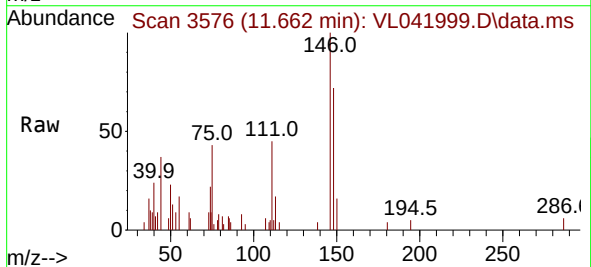
Instrument :
 MSVOA_L
 ClientSampleId :

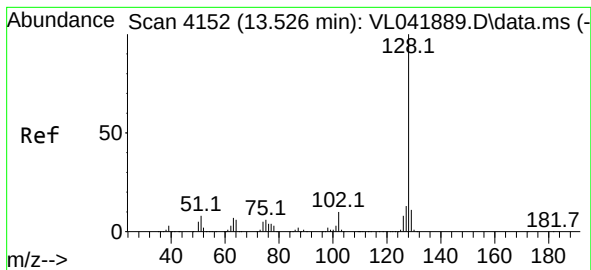
Tgt Ion:146 Resp: 1911
 Ion Ratio Lower Upper
 146 100
 111 52.8 22.4 67.0
 148 68.0 31.9 95.5



#77
 1,2-Dichlorobenzene
 Concen: 0.059 ppbv
 RT: 11.662 min Scan# 3576
 Delta R.T. -0.298 min
 Lab File: VL041999.D
 Acq: 11 Feb 2025 12:13

Tgt Ion:146 Resp: 1911
 Ion Ratio Lower Upper
 146 100
 111 53.6 24.2 72.6
 148 68.0 31.7 95.1





#79

Naphthalene

Concen: 0.048 ppbv

RT: 13.507 min Scan# 41

Delta R.T. -0.019 min

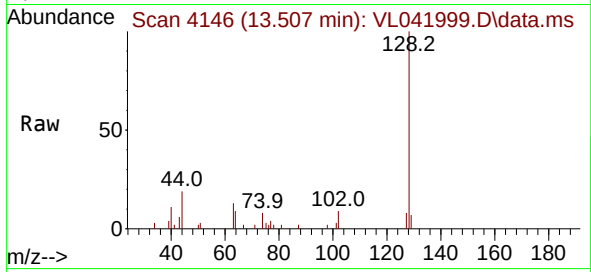
Lab File: VL041999.D

Acq: 11 Feb 2025 12:13

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:128 Resp: 2669

Ion	Ratio	Lower	Upper
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128	100		
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127	8.4	10.2	15.4#
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129	7.2	9.1	13.7#
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