

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041930.D
 Acq On : 20 Jan 2025 21:28
 Operator : SY/MD
 Sample : Q1090-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 21 03:08:35 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	2.780	49	139510	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	380814	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	362775	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	293650	10.277	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%

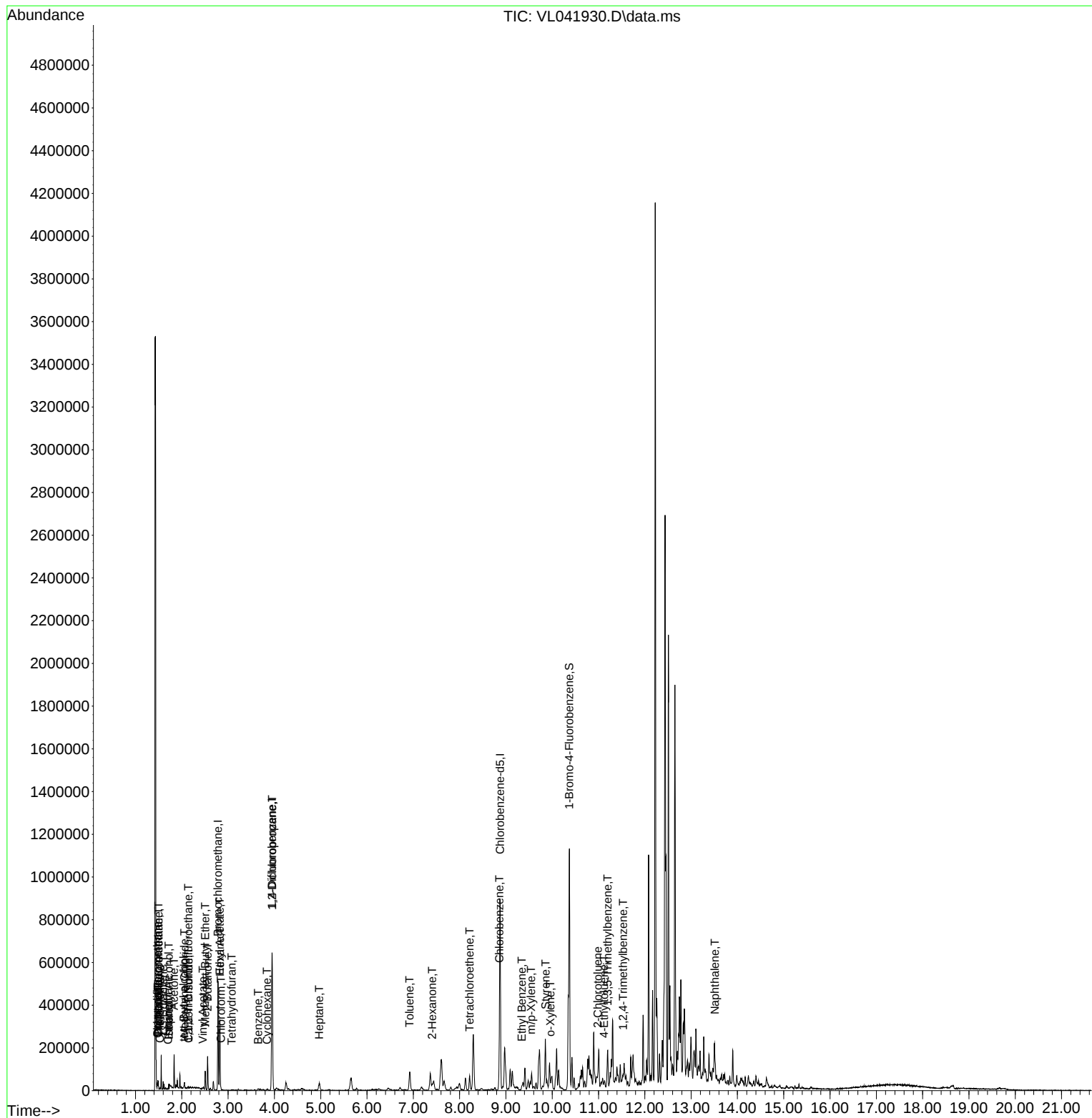
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	9358	0.492	ppbv	94
3) Chlorodifluoromethane	1.473	51	12959	0.651	ppbv #	87
4) Chloromethane	1.528	50	2031	0.284	ppbv #	84
7) Chloroethane	1.703	64	126	0.045	ppbv #	43
9) Propene	1.479	41	5829	0.711	ppbv	90
10) Heptane	4.968	43	11720	0.535	ppbv	94
11) Trichlorofluoromethane	1.495	101	981	0.050	ppbv	95
12) 1,1,2-Trichlorotrifluoro...	2.140	101	1089	0.070	ppbv	96
13) Ethanol	1.719	45	7649	12.734	ppbv #	31
15) Acetone	1.832	43	64964	3.877	ppbv #	54
16) 1,3-Butadiene	1.599	39	3410	0.453	ppbv #	24
17) tert-Butyl alcohol	2.042	59	3434	0.167	ppbv #	84
19) Isopropyl Alcohol	1.719	45	7649	0.770	ppbv #	1
20) Methylene Chloride	2.059	84	3649	0.551	ppbv	94
23) Vinyl Acetate	2.453	43	2833	0.341	ppbv #	79
25) Ethyl Acetate	2.819	43	52390	1.159	ppbv #	77
26) Hexane	2.822	57	73925	4.137	ppbv #	35
27) Carbon Disulfide	2.143	76	815	0.046	ppbv #	1
28) Methyl tert-Butyl Ether	2.505	73	429	0.031	ppbv #	1
29) Chloroform	2.845	83	2903	0.103	ppbv	92
30) Cyclohexane	3.842	84	693	0.045	ppbv #	1
34) 2-Butanone	2.557	43	91993	3.799	ppbv	99
36) Benzene	3.651	78	4116	0.118	ppbv	96
39) 1,2-Dichloropropane	3.952	63	94917	7.747	ppbv #	22
41) Tetrahydrofuran	3.075	42	474	0.036	ppbv #	66
51) 2-Hexanone	7.406	43	4398	0.173	ppbv #	27
52) Tetrachloroethene	8.215	164	9920	0.819	ppbv	93
53) Toluene	6.920	91	63558	1.671	ppbv	98
57) Chlorobenzene	8.859	112	2284	0.068	ppbv #	74
58) Ethyl Benzene	9.344	91	6862	0.121	ppbv	91
59) m/p-Xylene	9.545	91	5752	0.127	ppbv #	31
60) o-Xylene	9.959	91	10871	0.241	ppbv	96
61) Styrene	9.859	104	844	0.042	ppbv #	3
71) 2-Chlorotoluene	10.985	91	4560	0.088	ppbv	71
72) 4-Ethyltoluene	11.118	105	2692	0.050	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	5226	0.110	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	15568	0.302	ppbv #	53
79) Naphthalene	13.513	128	4359	0.084	ppbv #	13

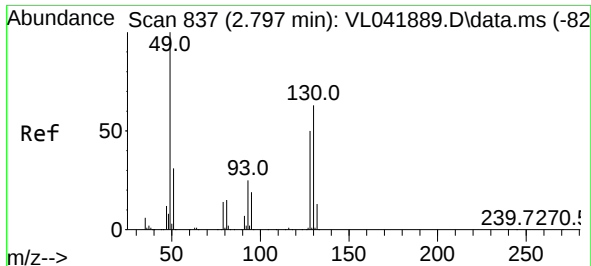
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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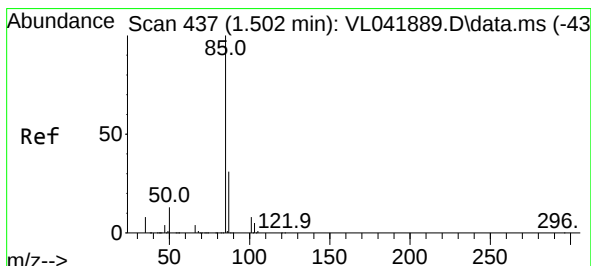
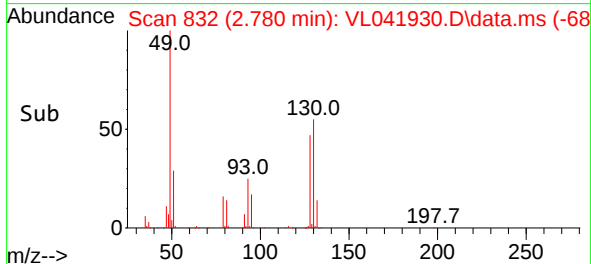
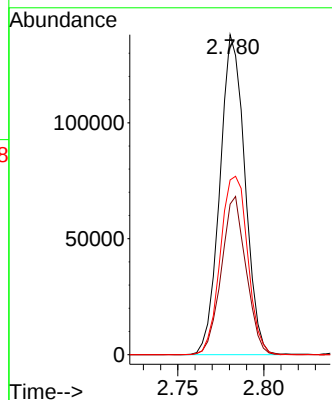
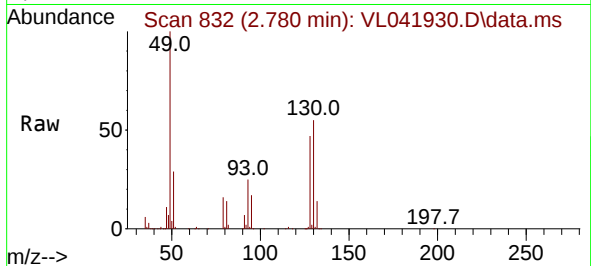




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. -0.017 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

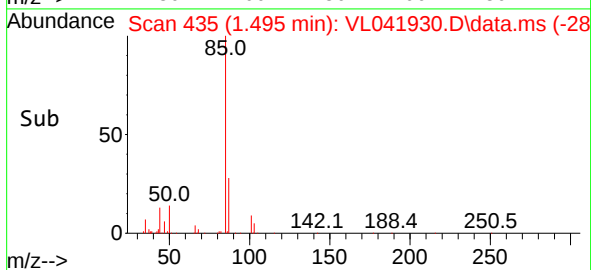
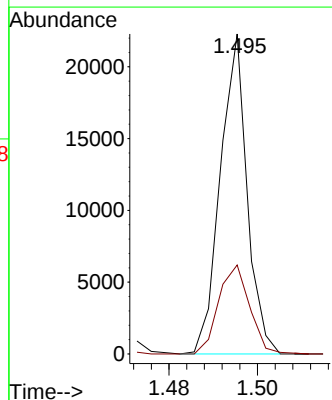
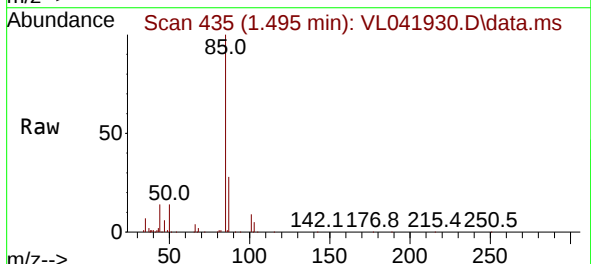
Instrument :
MSVOA_L
ClientSampleId :

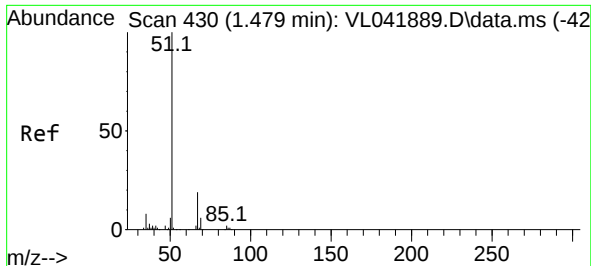
Tgt Ion: 49 Resp: 139510
Ion Ratio Lower Upper
49 100
128 48.9 24.3 73.0
130 60.9 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.492 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.007 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 85 Resp: 9358
Ion Ratio Lower Upper
85 100
87 27.8 24.9 37.3

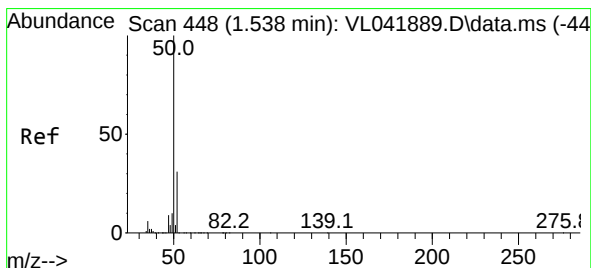
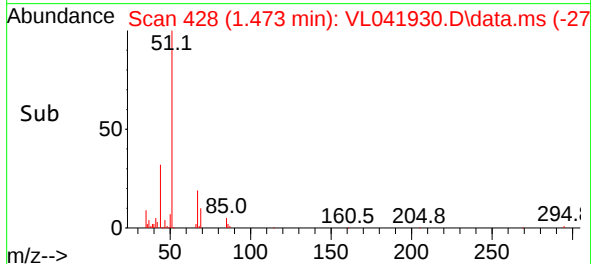
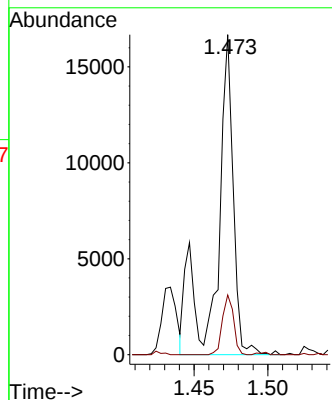
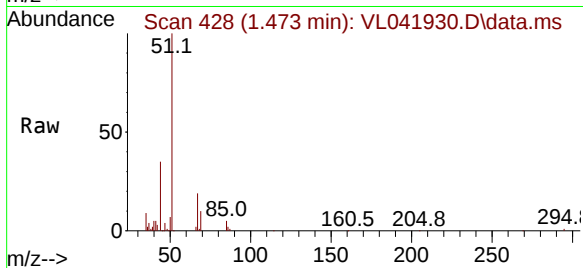




#3
Chlorodifluoromethane
Concen: 0.651 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

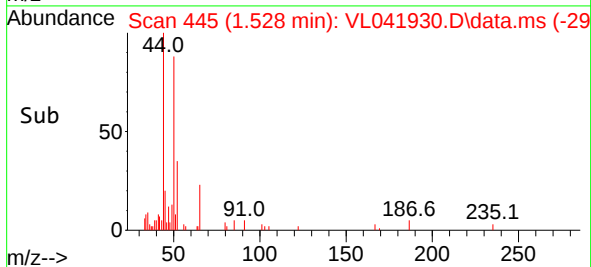
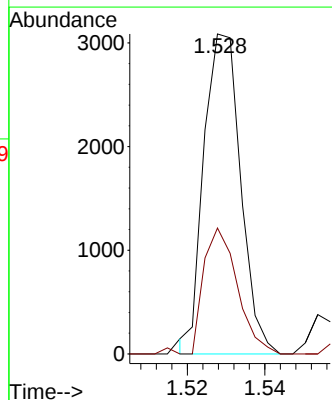
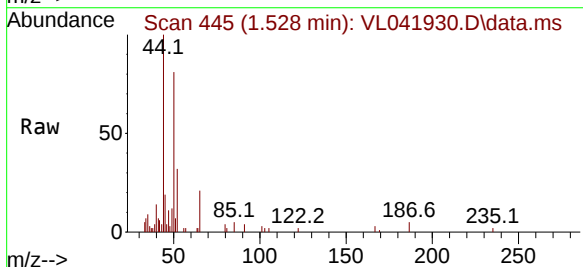
Instrument :
MSVOA_L
ClientSampleId :

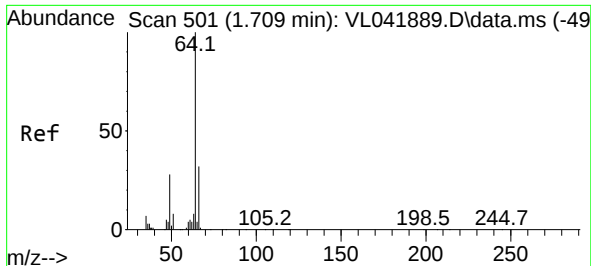
Tgt Ion: 51 Resp: 12959
Ion Ratio Lower Upper
51 100
67 13.1 15.0 22.4#



#4
Chloromethane
Concen: 0.284 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.010 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 50 Resp: 2031
Ion Ratio Lower Upper
50 100
52 39.3 24.6 36.8#

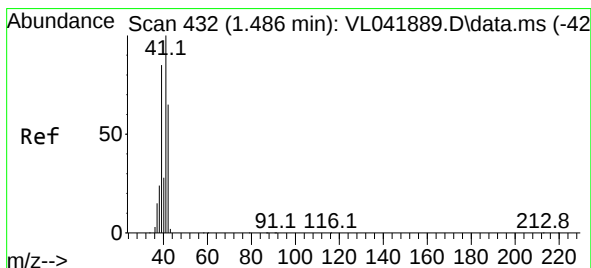
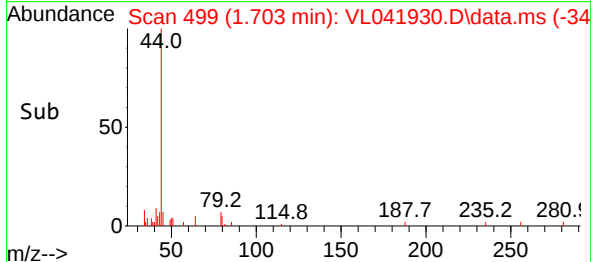
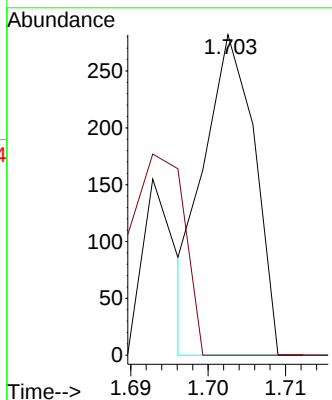
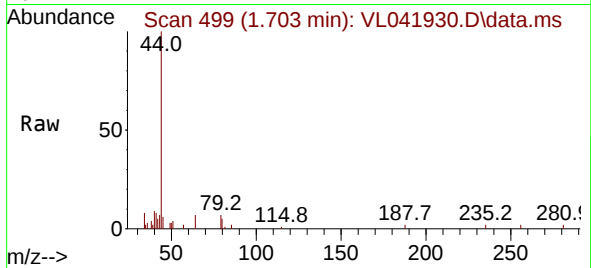




#7
Chloroethane
Concen: 0.045 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.007 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

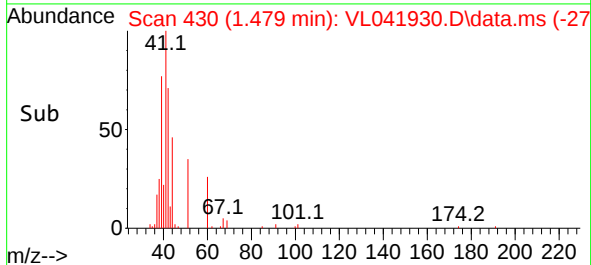
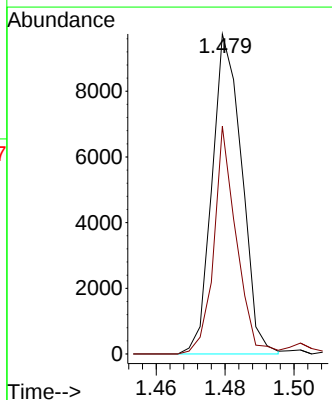
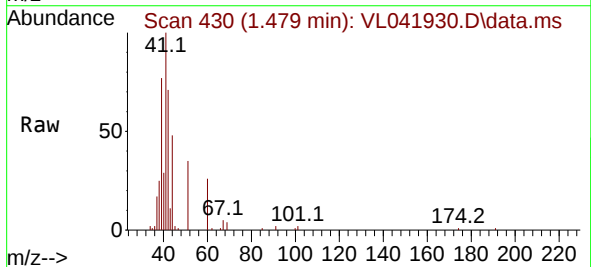
Instrument :
MSVOA_L
ClientSampleId :

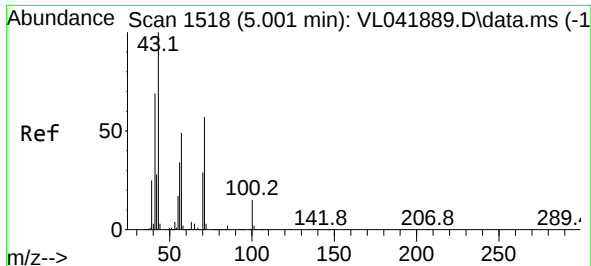
Tgt Ion: 64 Resp: 126
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#9
Propene
Concen: 0.711 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.007 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 41 Resp: 5829
Ion Ratio Lower Upper
41 100
42 57.2 52.0 78.0

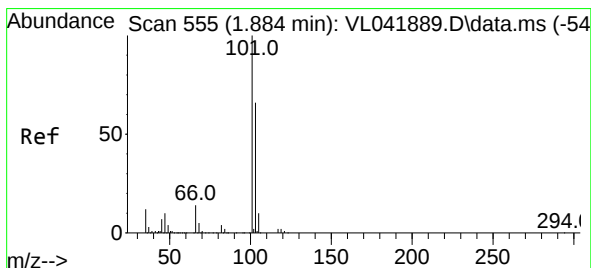
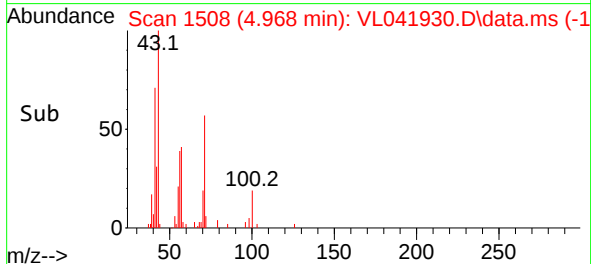
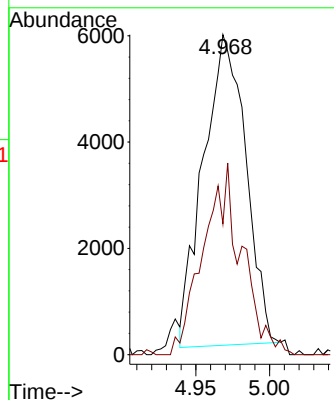
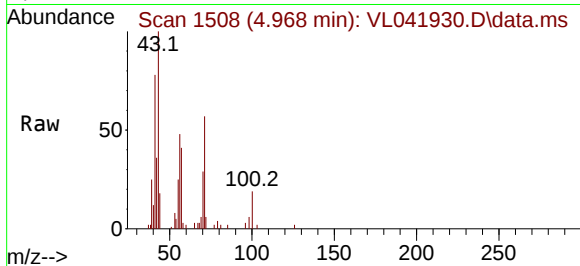




#10
 Heptane
 Concen: 0.535 ppbv
 RT: 4.968 min Scan# 11
 Delta R.T. -0.032 min
 Lab File: VL041930.D
 Acq: 20 Jan 2025 21:28

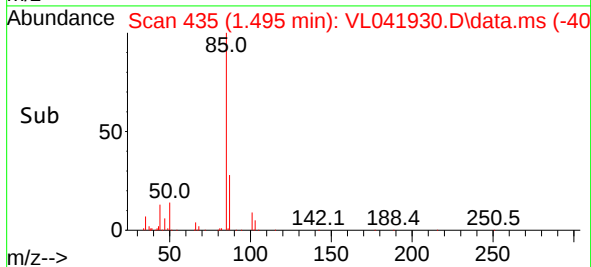
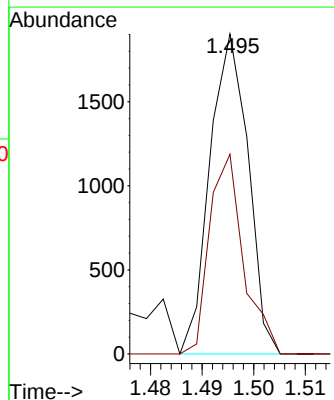
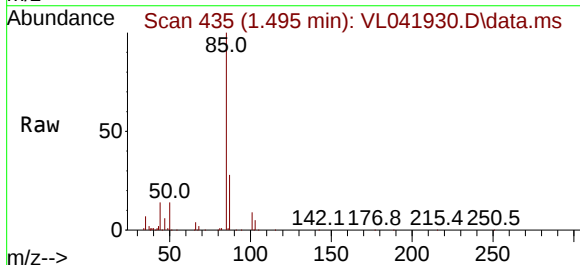
Instrument :
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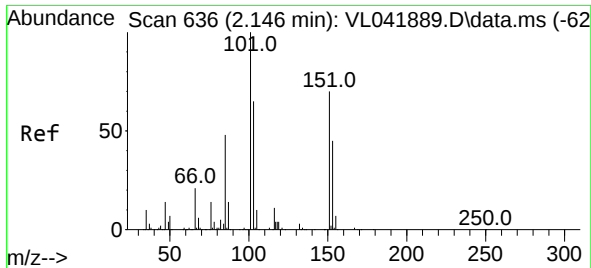
Tgt Ion: 43 Resp: 11720
 Ion Ratio Lower Upper
 43 100
 57 55.7 41.0 61.4



#11
 Trichlorofluoromethane
 Concen: 0.050 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.388 min
 Lab File: VL041930.D
 Acq: 20 Jan 2025 21:28

Tgt Ion:101 Resp: 981
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.1 79.7

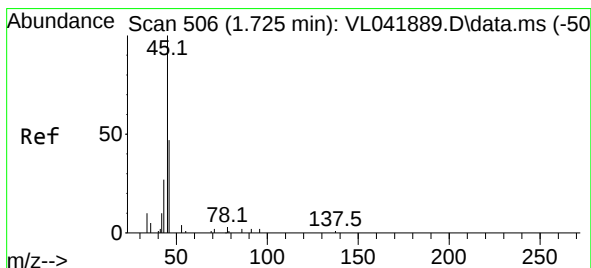
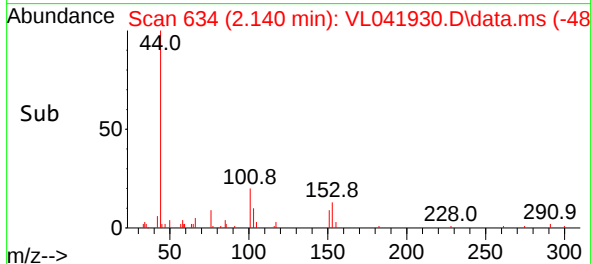
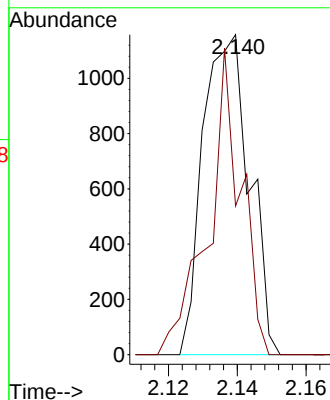
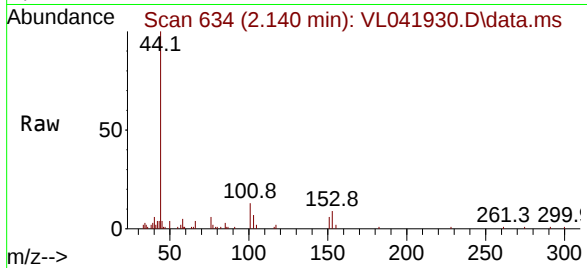




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.070 ppbv
RT: 2.140 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

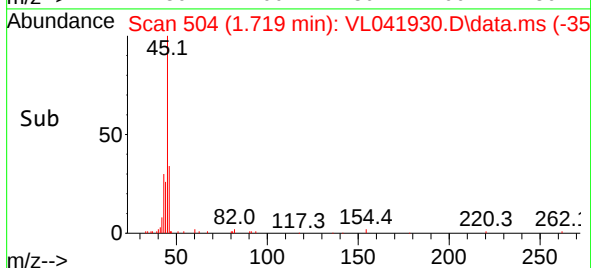
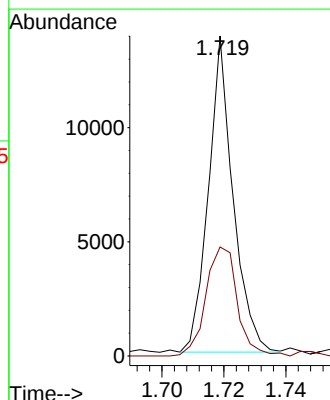
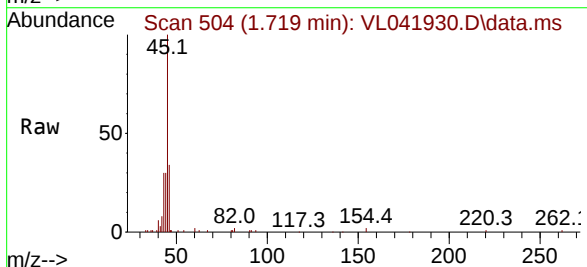
Instrument :
MSVOA_L
ClientSampleId :

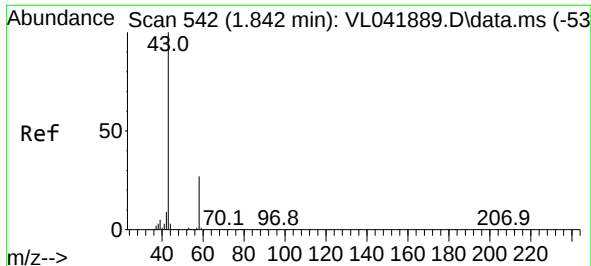
Tgt Ion:101 Resp: 1089
Ion Ratio Lower Upper
101 100
151 67.0 56.1 84.1



#13
Ethanol
Concen: 12.734 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.007 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 45 Resp: 7649
Ion Ratio Lower Upper
45 100
46 0.0 18.1 72.5#

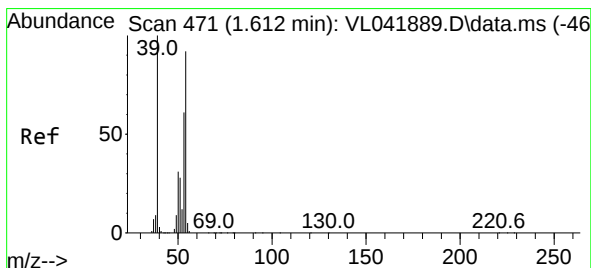
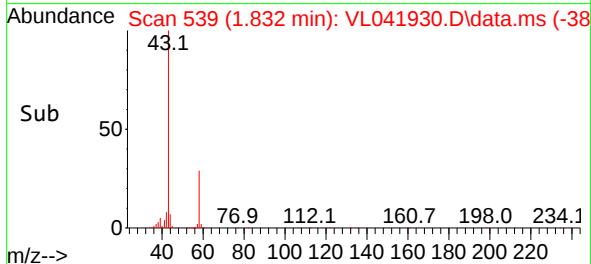
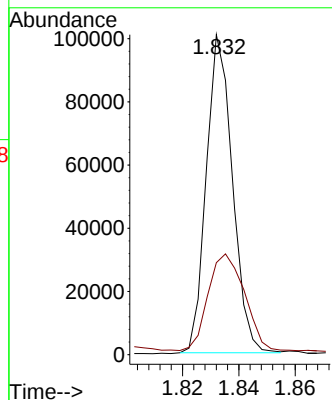
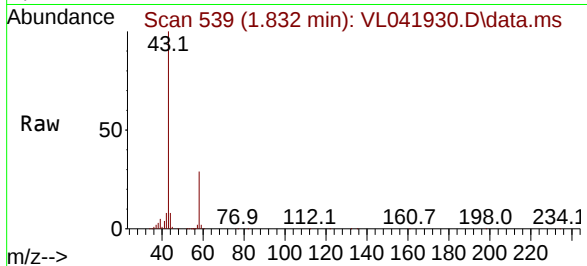




#15
Acetone
Concen: 3.877 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041930.D
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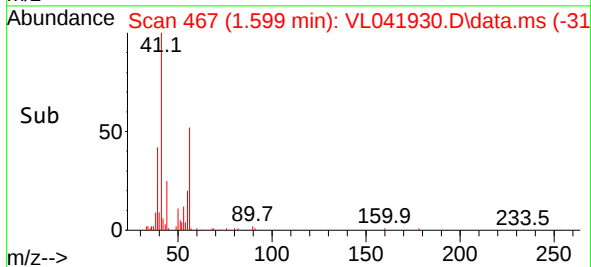
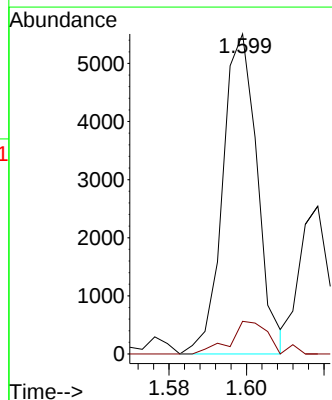
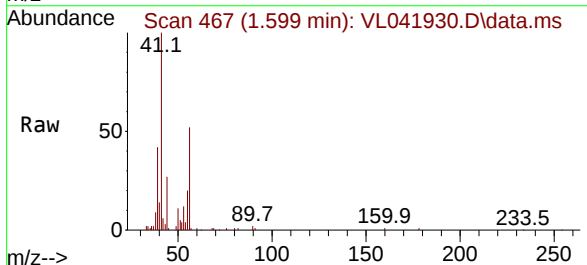
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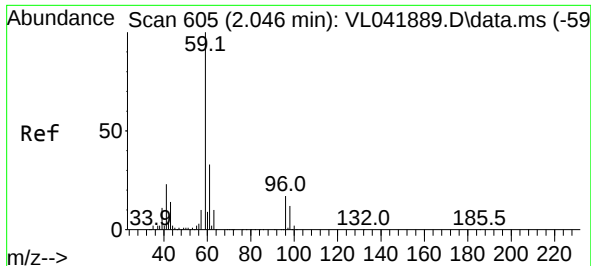
Tgt Ion: 43 Resp: 64964
Ion Ratio Lower Upper
43 100
58 51.2 21.9 32.9#



#16
1,3-Butadiene
Concen: 0.453 ppbv
RT: 1.599 min Scan# 467
Delta R.T. -0.013 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 39 Resp: 3410
Ion Ratio Lower Upper
39 100
54 11.6 61.6 92.4#





#17

tert-Butyl alcohol

Concen: 0.167 ppbv

RT: 2.042 min Scan# 605

Delta R.T. -0.003 min

Lab File: VL041930.D

Acq: 20 Jan 2025 21:28

Instrument :

MSVOA_L

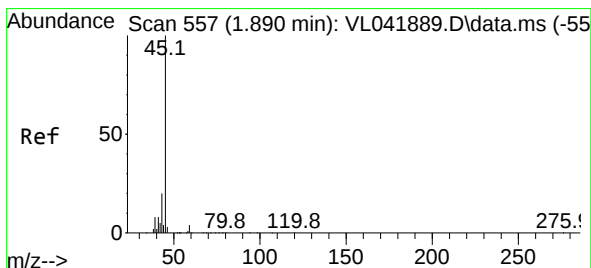
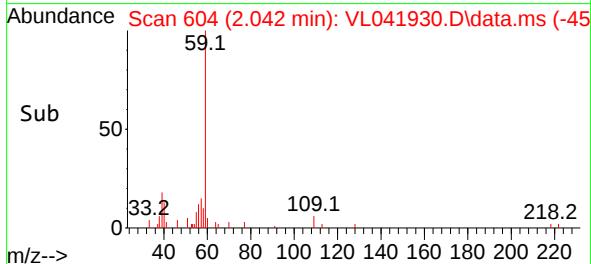
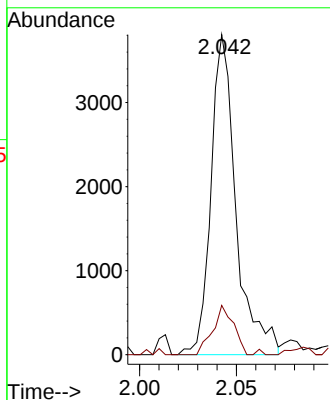
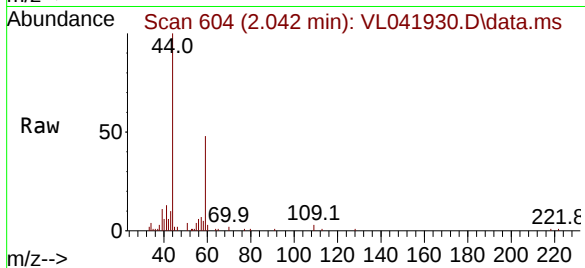
ClientSampleId :

Tgt Ion: 59 Resp: 3434

Ion Ratio Lower Upper

59 100

57 15.8 7.8 11.8#



#19

Isopropyl Alcohol

Concen: 0.770 ppbv

RT: 1.719 min Scan# 504

Delta R.T. -0.172 min

Lab File: VL041930.D

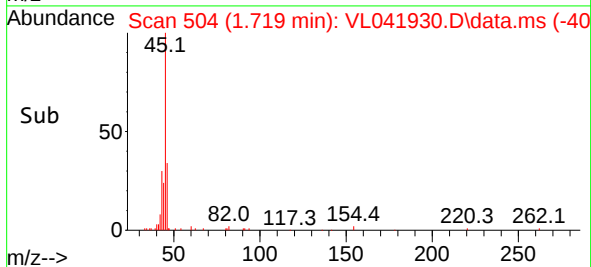
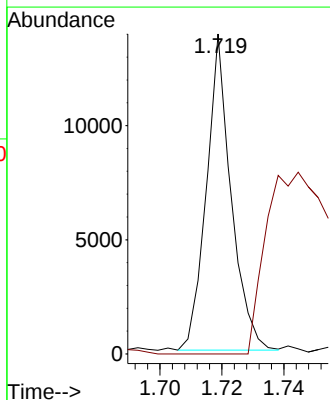
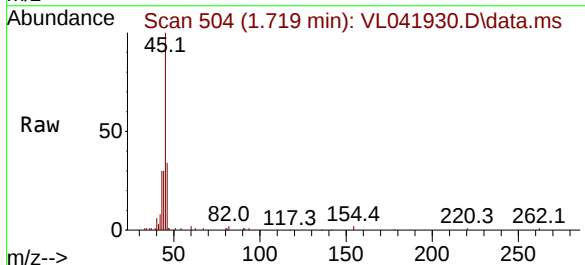
Acq: 20 Jan 2025 21:28

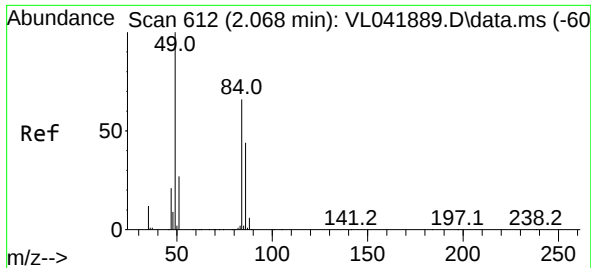
Tgt Ion: 45 Resp: 7649

Ion Ratio Lower Upper

45 100

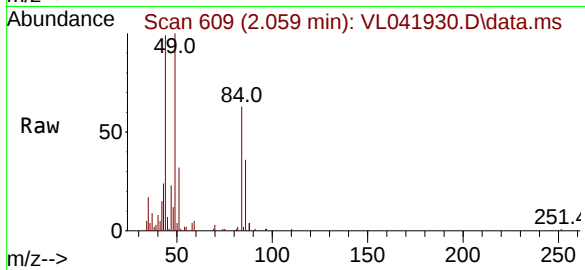
58 286.0 35.0 52.6#



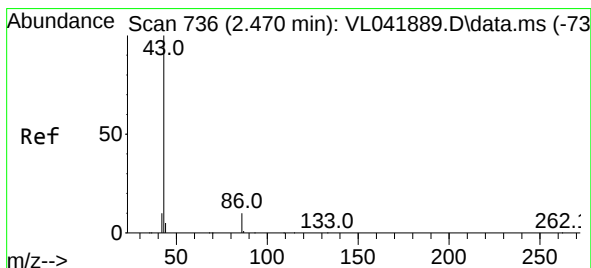
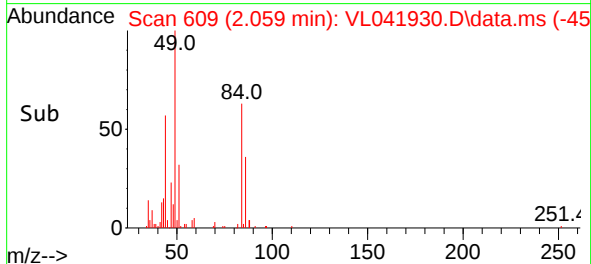
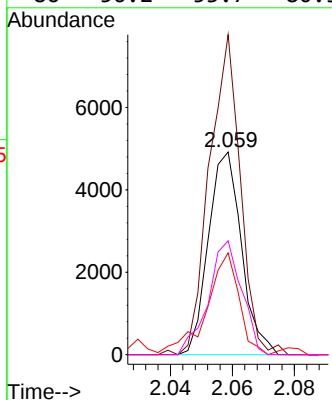


#20
Methylene Chloride
Concen: 0.551 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.010 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Instrument :
MSVOA_L
ClientSampleId :

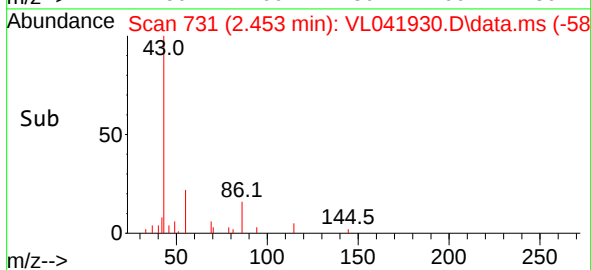
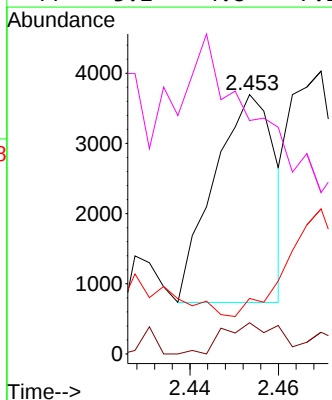
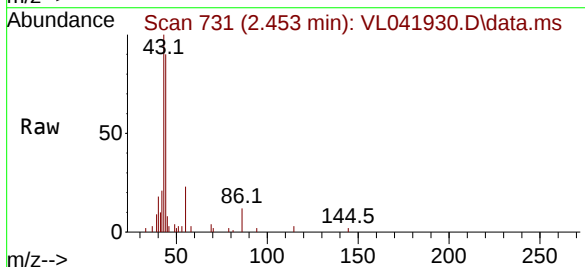


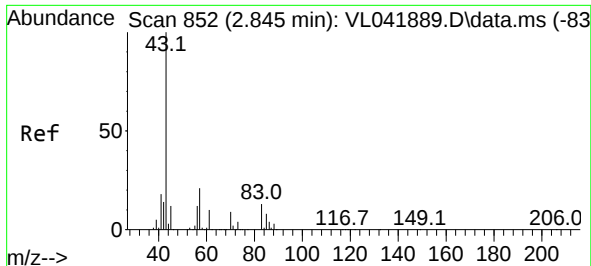
Tgt Ion: 84 Resp: 3649
Ion Ratio Lower Upper
84 100
49 157.9 123.1 184.7
51 48.4 35.8 53.8
86 56.2 53.7 80.5



#23
Vinyl Acetate
Concen: 0.341 ppbv
RT: 2.453 min Scan# 731
Delta R.T. -0.016 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

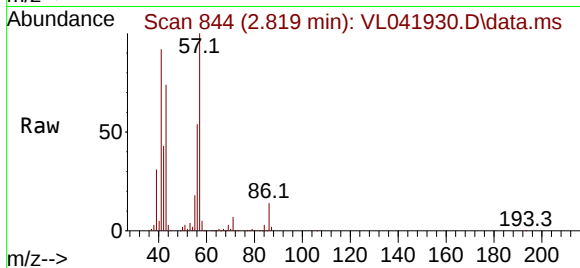
Tgt Ion: 43 Resp: 2833
Ion Ratio Lower Upper
43 100
86 15.0 6.2 9.4#
42 0.2 8.5 12.7#
44 3.2 4.8 7.2#



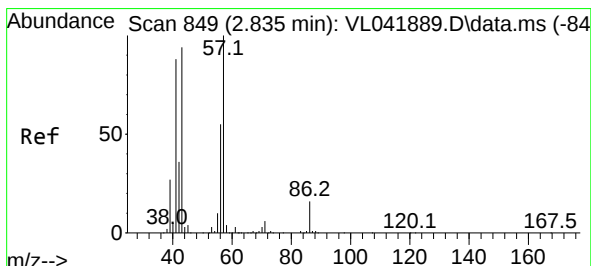
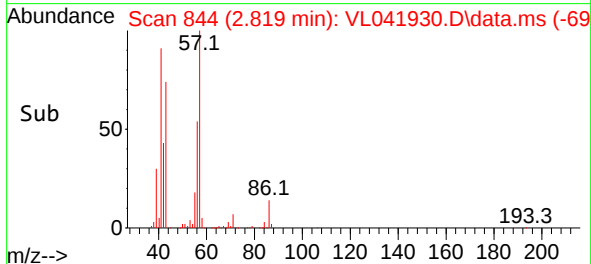
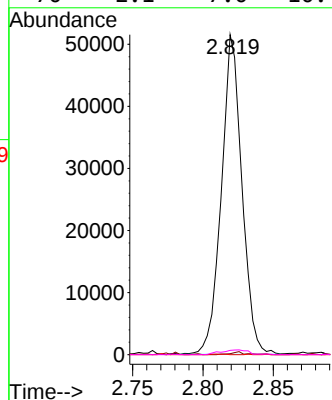


#25
Ethyl Acetate
Concen: 1.159 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.026 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Instrument :
MSVOA_L
ClientSampleId :

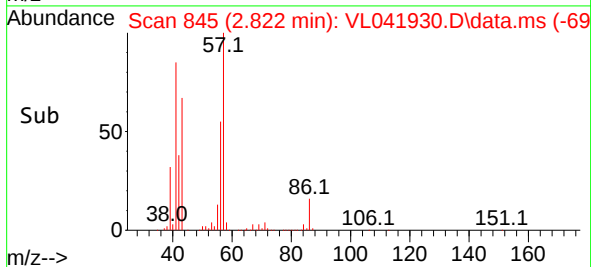
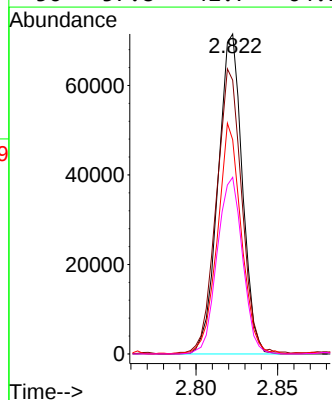
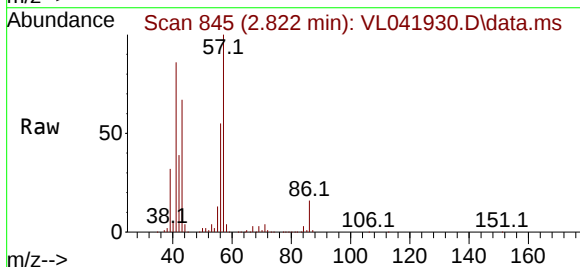


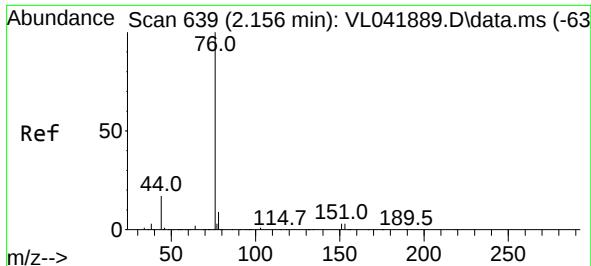
Tgt Ion: 43	Resp: 52390
Ion Ratio	Lower Upper
43 100	
45 0.9	8.2 12.2#
61 0.1	7.4 11.0#
70 2.1	7.0 10.4#



#26
Hexane
Concen: 4.137 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.013 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt	Ion: 57	Resp:	73925
Ion	Ratio	Lower	Upper
57	100		
41	94.1	73.8	110.8
43	70.2	197.3	295.9#
56	57.8	42.7	64.1

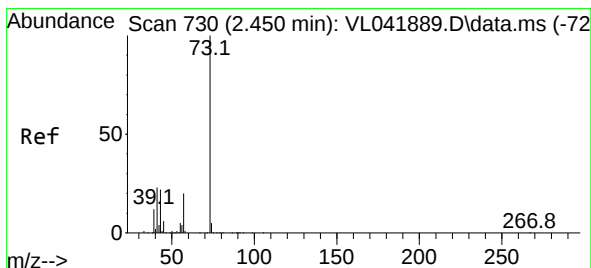
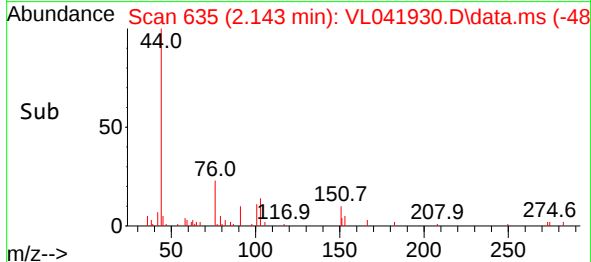
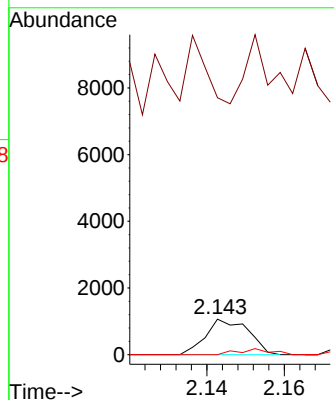
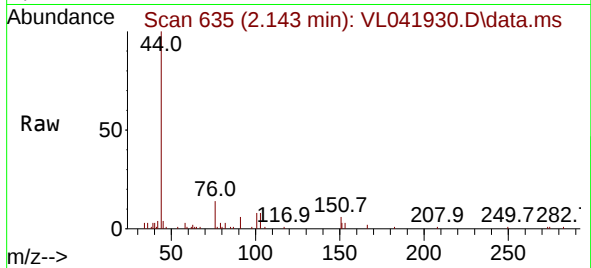




#27
Carbon Disulfide
Concen: 0.046 ppbv
RT: 2.143 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

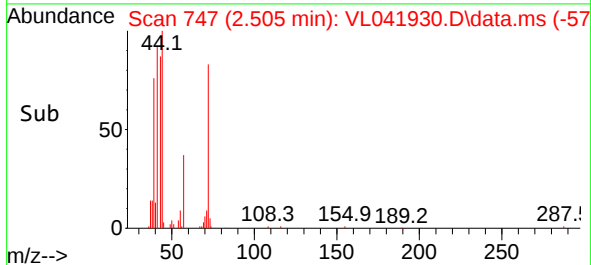
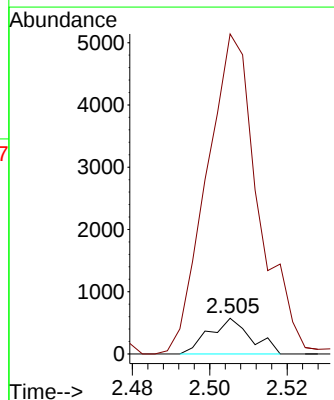
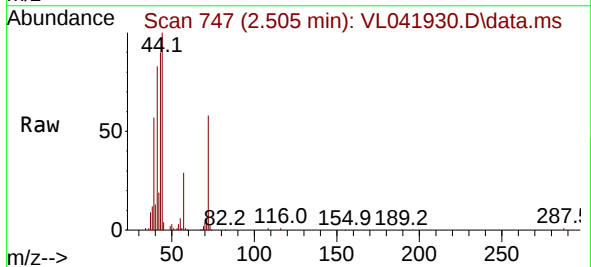
Instrument :
MSVOA_L
ClientSampleId :

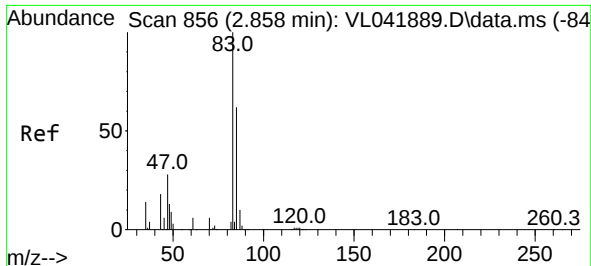
Tgt Ion: 76 Resp: 815
Ion Ratio Lower Upper
76 100
44 2148.0 15.4 23.0#
78 17.2 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.031 ppbv
RT: 2.505 min Scan# 747
Delta R.T. 0.055 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 73 Resp: 429
Ion Ratio Lower Upper
73 100
57 1122.6 18.1 27.1#





#29

Chloroform

Concen: 0.103 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041930.D

Acq: 20 Jan 2025 21:28

Instrument :

MSVOA_L

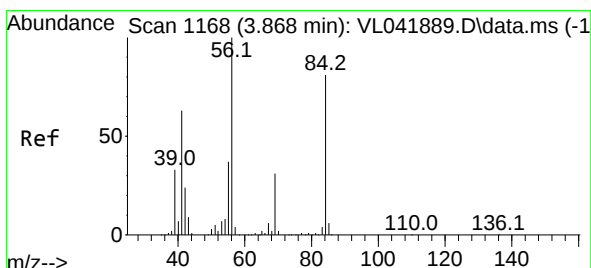
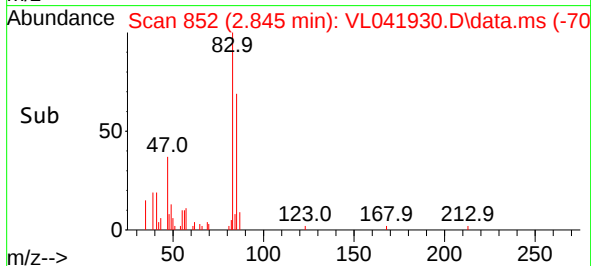
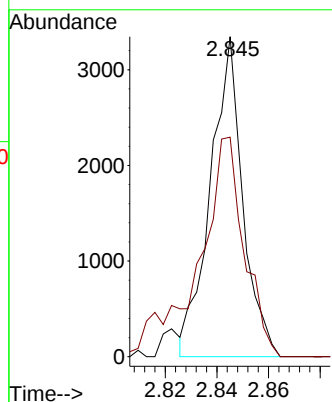
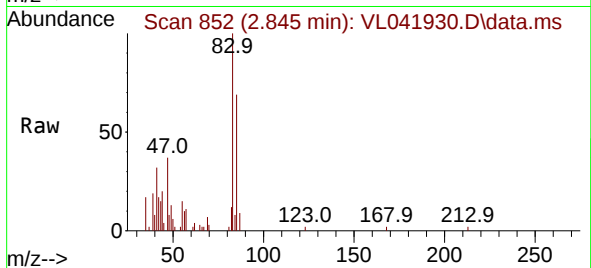
ClientSampleId :

Tgt Ion: 83 Resp: 2903

Ion Ratio Lower Upper

83 100

85 68.6 50.1 75.1



#30

Cyclohexane

Concen: 0.045 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. -0.026 min

Lab File: VL041930.D

Acq: 20 Jan 2025 21:28

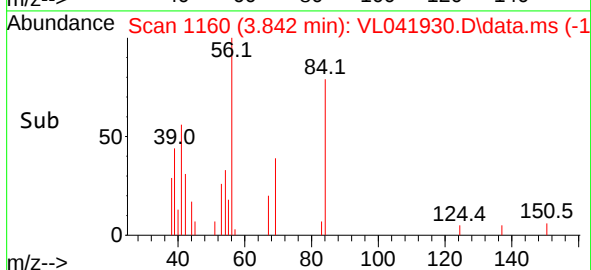
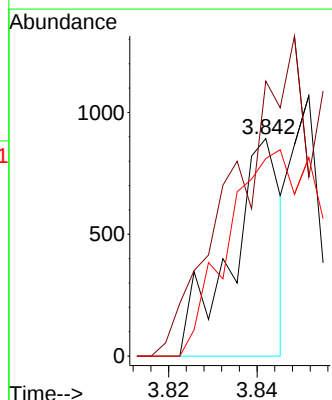
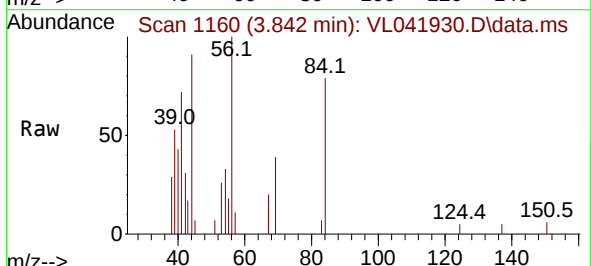
Tgt Ion: 84 Resp: 693

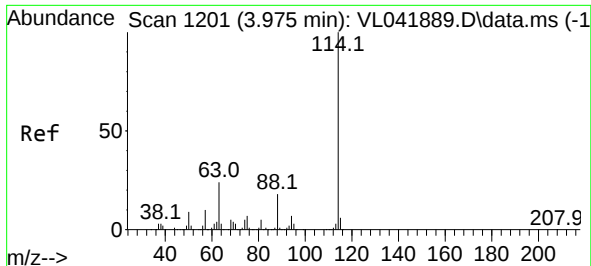
Ion Ratio Lower Upper

84 100

56 0.0 99.3 148.9#

41 0.0 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: VL041930.D

Acq: 20 Jan 2025 21:28

Instrument :

MSVOA_L

ClientSampleId :

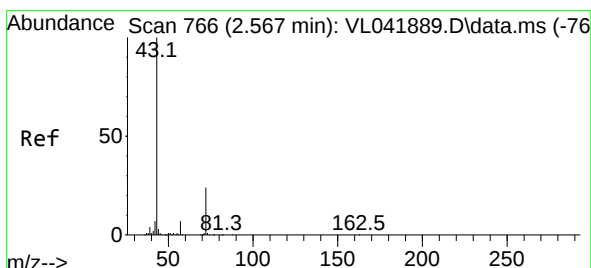
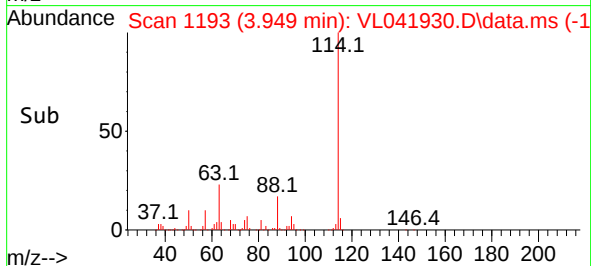
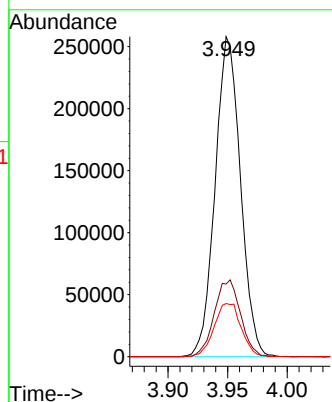
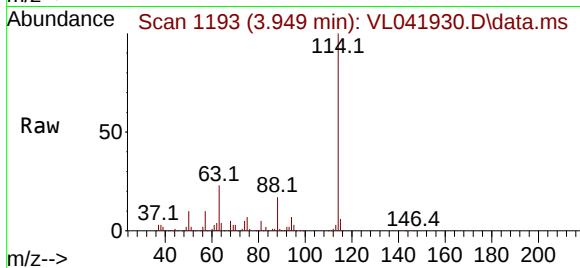
Tgt Ion:114 Resp: 380814

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

88 17.8 14.4 21.6



#34

2-Butanone

Concen: 3.799 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.010 min

Lab File: VL041930.D

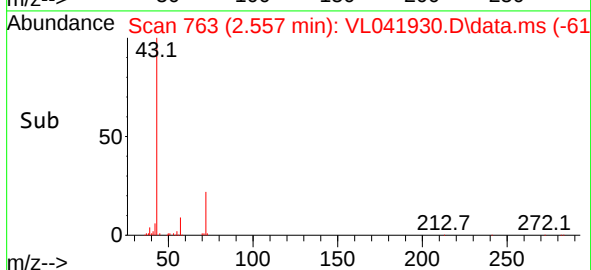
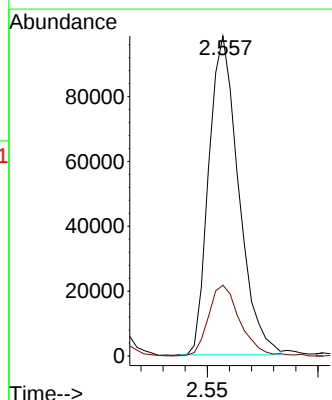
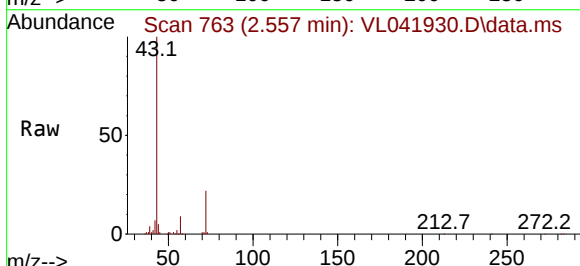
Acq: 20 Jan 2025 21:28

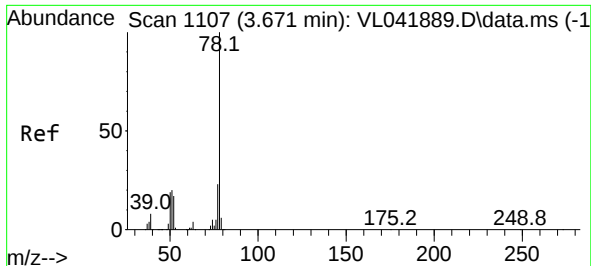
Tgt Ion: 43 Resp: 91993

Ion Ratio Lower Upper

43 100

72 23.6 18.6 28.0

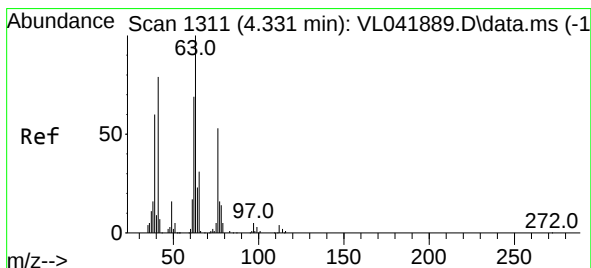
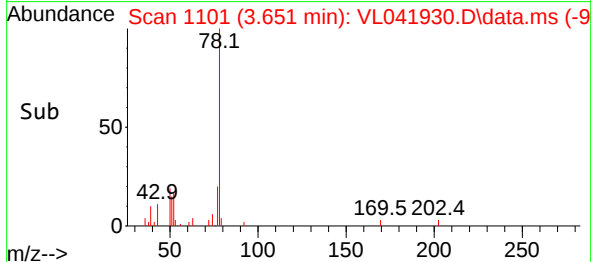
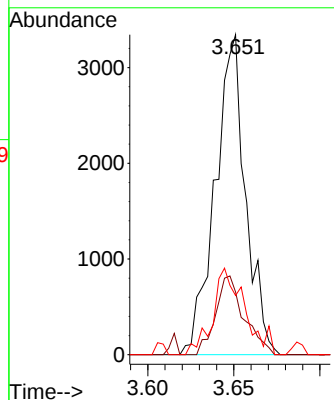
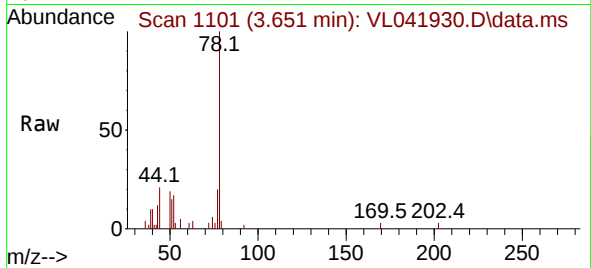




#36
Benzene
Concen: 0.118 ppbv
RT: 3.651 min Scan# 1107
Delta R.T. -0.020 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

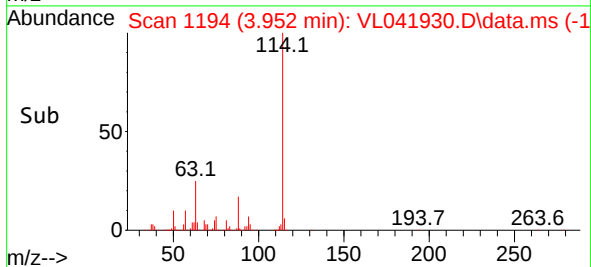
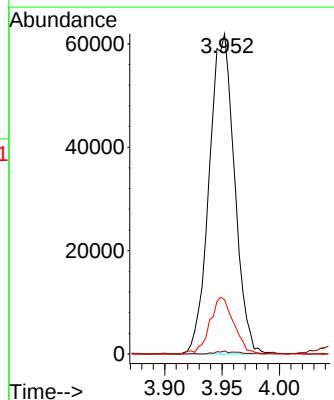
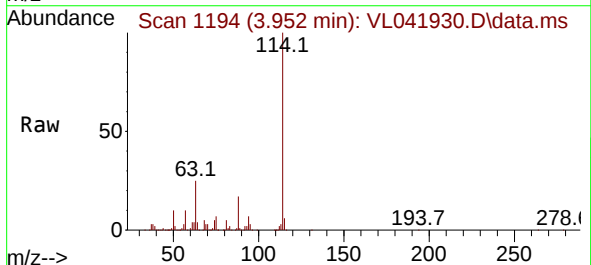
Instrument :
MSVOA_L
ClientSampleId :

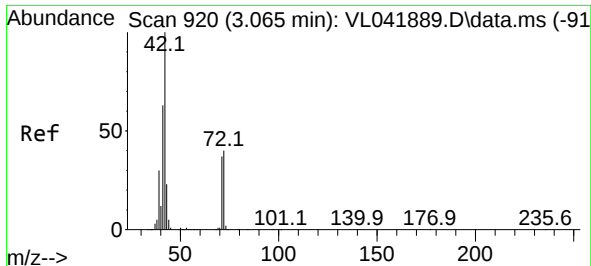
Tgt Ion: 78 Resp: 4116
Ion Ratio Lower Upper
78 100
77 19.6 18.1 27.1
50 18.5 15.2 22.8



#39
1,2-Dichloropropane
Concen: 7.747 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.379 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

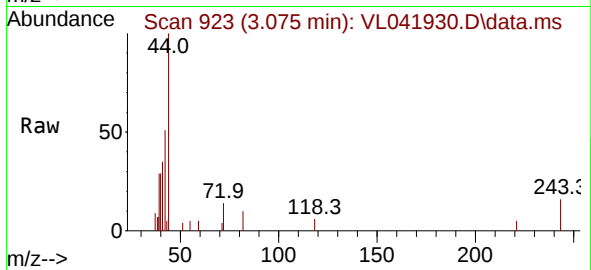
Tgt Ion: 63 Resp: 94917
Ion Ratio Lower Upper
63 100
41 0.9 63.7 95.5#
62 16.9 55.4 83.2#



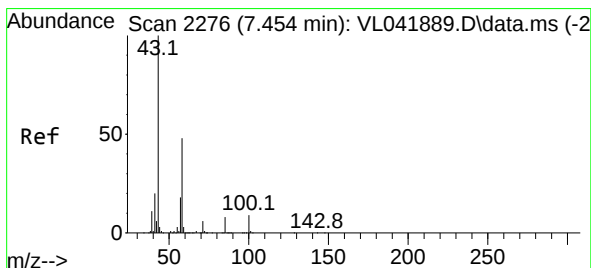
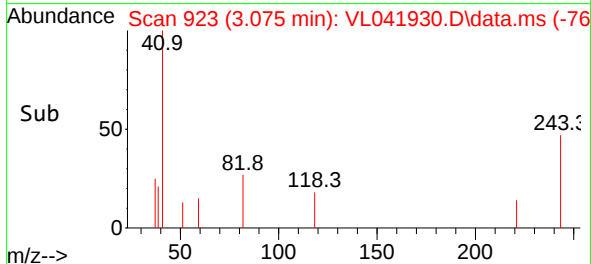
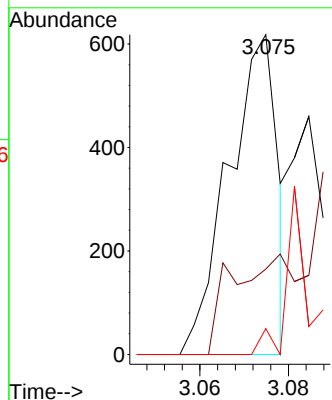


#41
Tetrahydrofuran
Concen: 0.036 ppbv
RT: 3.075 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Instrument :
MSVOA_L
ClientSampleId :

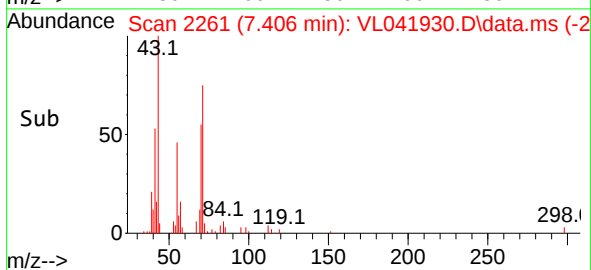
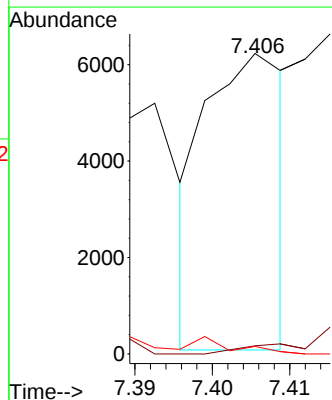
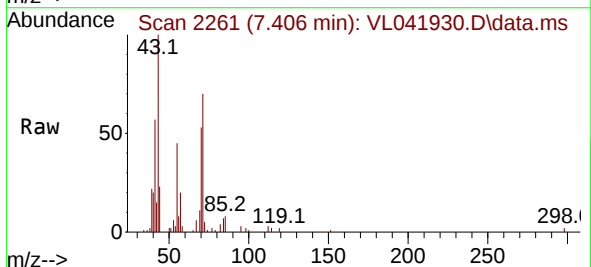


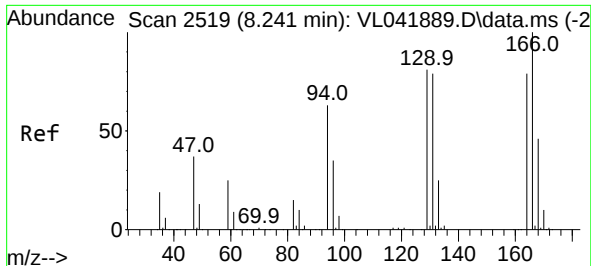
Tgt Ion: 42 Resp: 474
Ion Ratio Lower Upper
42 100
72 0.0 32.3 48.5#
71 37.1 29.9 44.9



#51
2-Hexanone
Concen: 0.173 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.049 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

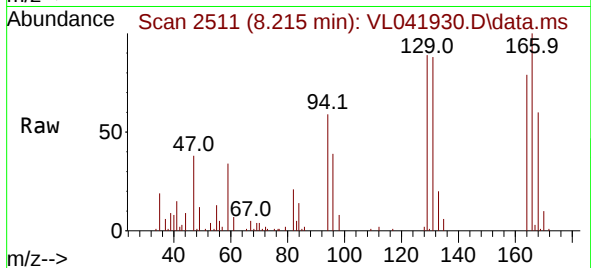
Tgt Ion: 43 Resp: 4398
Ion Ratio Lower Upper
43 100
58 0.0 40.4 60.6#
98 0.0 0.2 0.2#



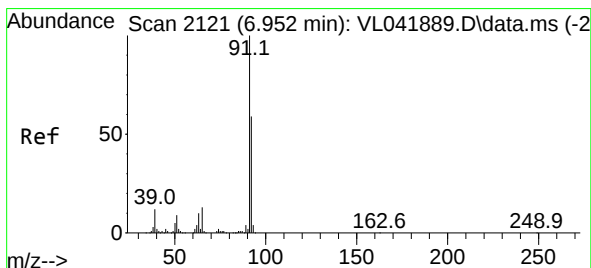
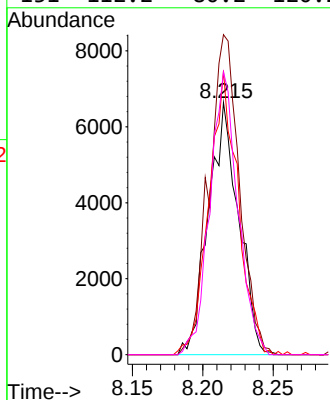
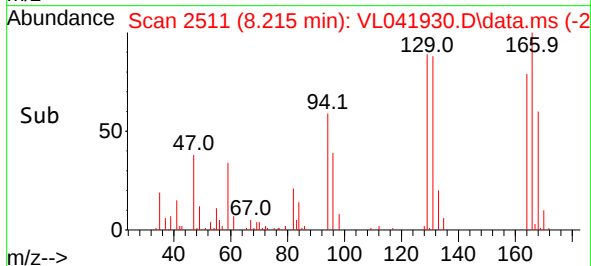


#52
Tetrachloroethene
Concen: 0.819 ppbv
RT: 8.215 min Scan# 2111
Delta R.T. -0.026 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Instrument :
MSVOA_L
ClientSampleId :

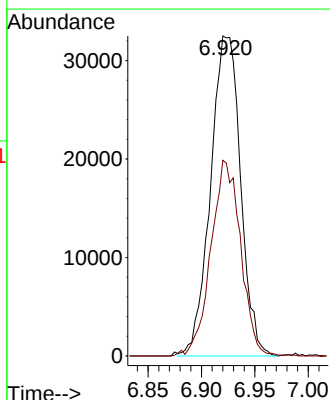
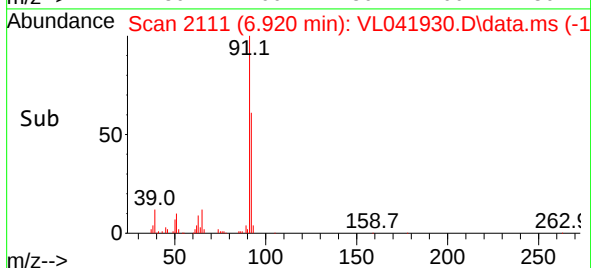
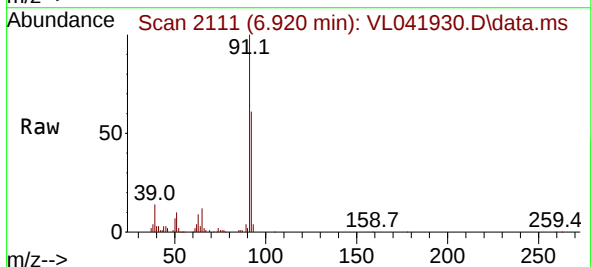


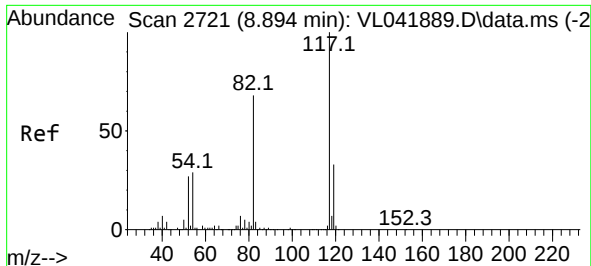
Tgt Ion:164	Resp:	9920
Ion	Ratio	Lower Upper
164	100	
166	126.9	100.8 151.2
129	111.4	82.0 123.0
131	112.2	80.2 120.2



#53
Toluene
Concen: 1.671 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. -0.032 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

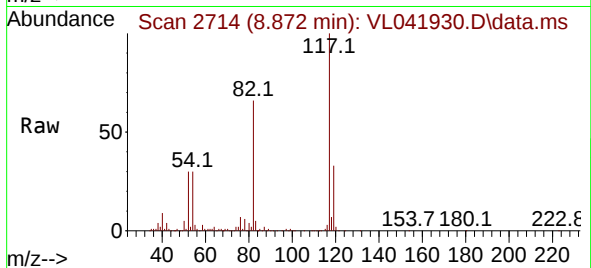
Tgt Ion: 91	Resp:	63558
Ion	Ratio	Lower Upper
91	100	
92	60.5	47.4 71.0



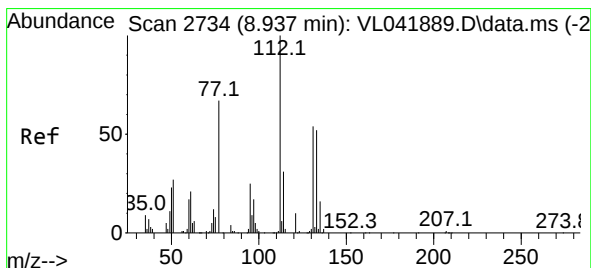
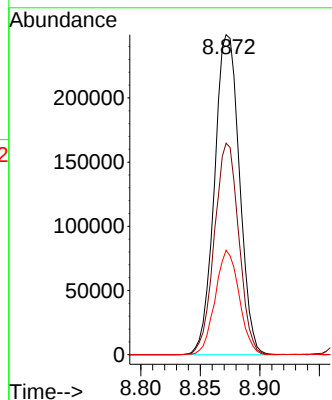
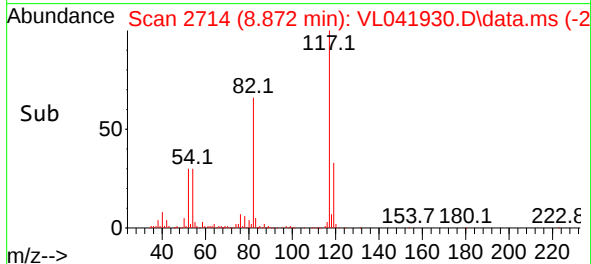


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Instrument :
MSVOA_L
ClientSampleId :

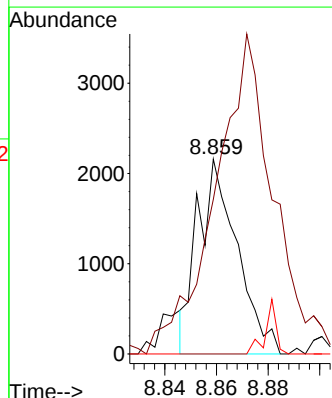
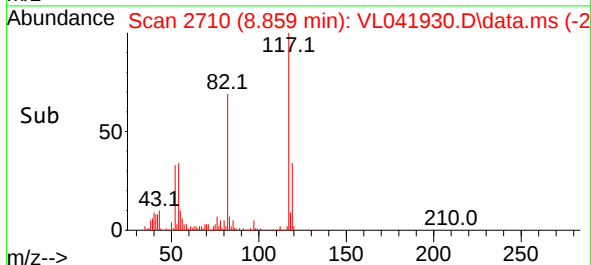
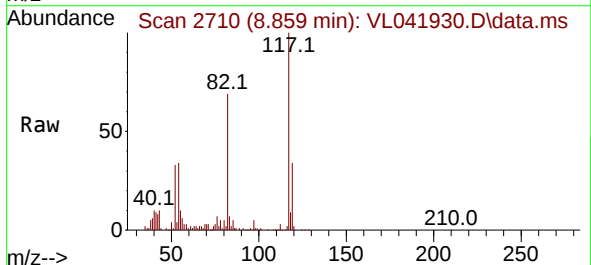


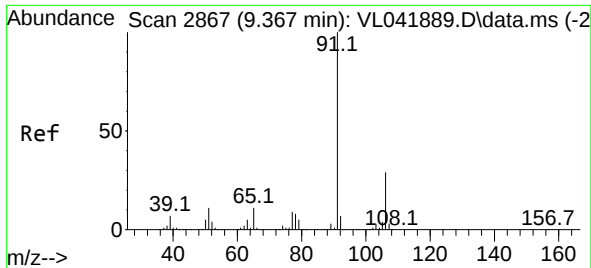
Tgt Ion:117 Resp: 362775
Ion Ratio Lower Upper
117 100
82 64.9 54.2 81.4
119 31.4 25.0 37.6



#57
Chlorobenzene
Concen: 0.068 ppbv
RT: 8.859 min Scan# 2710
Delta R.T. -0.078 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion:112 Resp: 2284
Ion Ratio Lower Upper
112 100
77 49.4 54.6 82.0#
114 14.3 28.2 34.4#

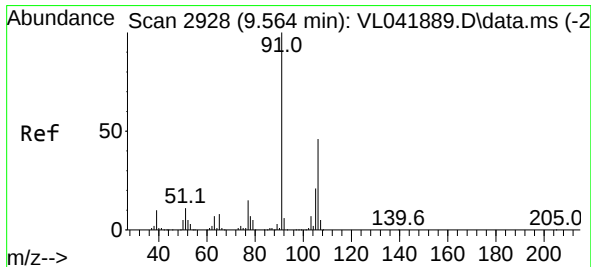
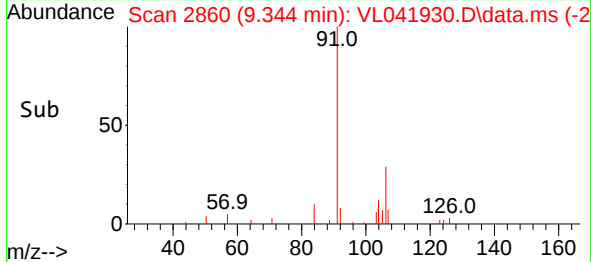
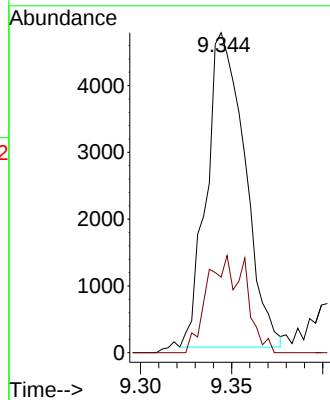
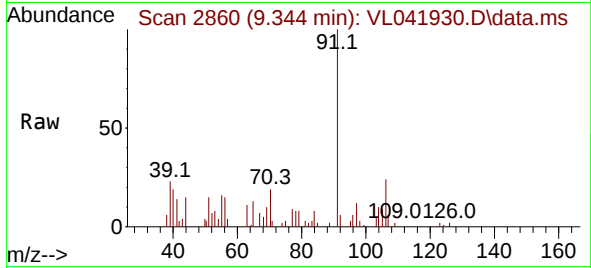




#58
Ethyl Benzene
Concen: 0.121 ppbv
RT: 9.344 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

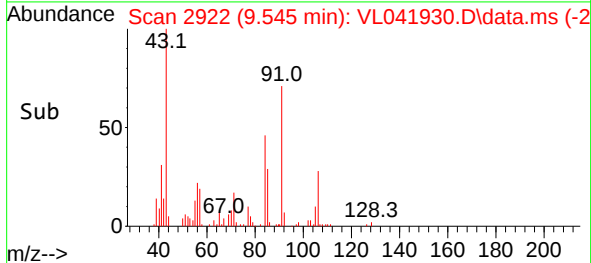
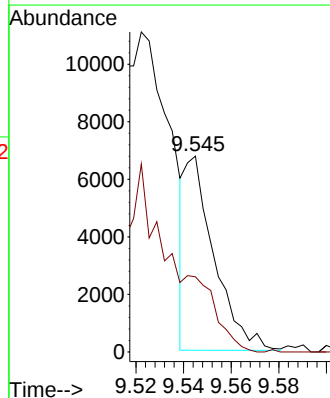
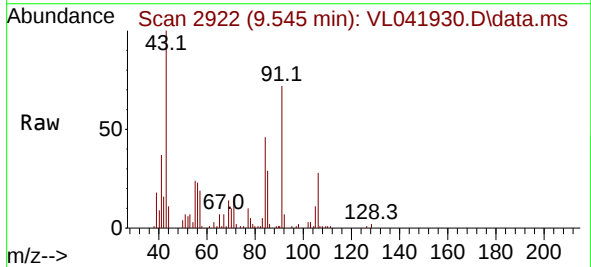
Instrument :
MSVOA_L
ClientSampleId :

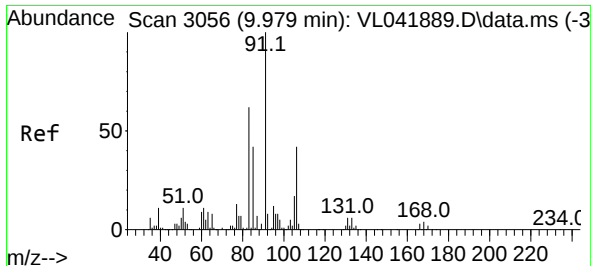
Tgt Ion: 91 Resp: 6862
Ion Ratio Lower Upper
91 100
106 24.0 23.1 34.7



#59
m/p-Xylene
Concen: 0.127 ppbv
RT: 9.545 min Scan# 2922
Delta R.T. -0.020 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 91 Resp: 5752
Ion Ratio Lower Upper
91 100
106 0.0 36.0 54.0#

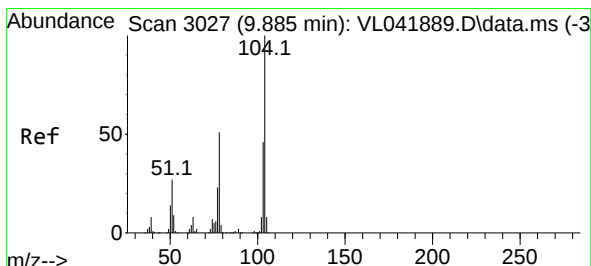
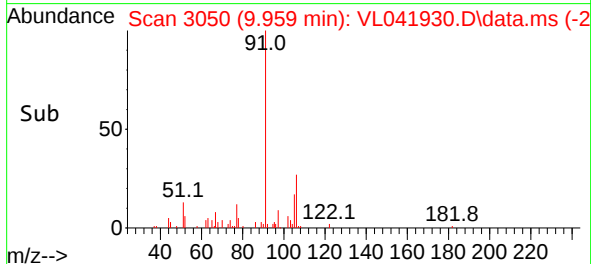
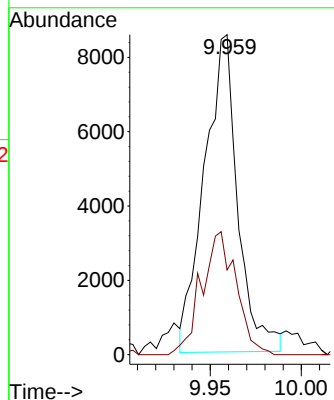
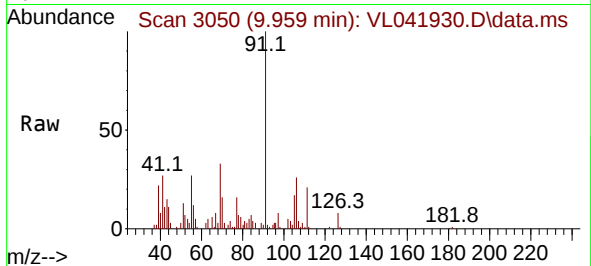




#60
o-Xylene
Concen: 0.241 ppbv
RT: 9.959 min Scan# 3019
Delta R.T. -0.020 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

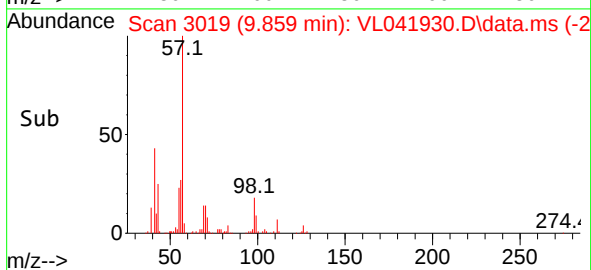
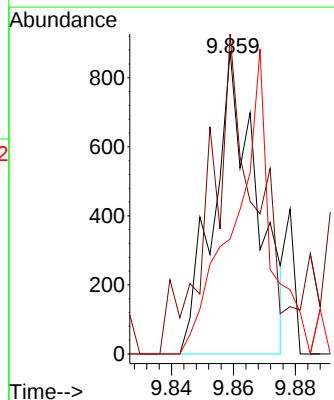
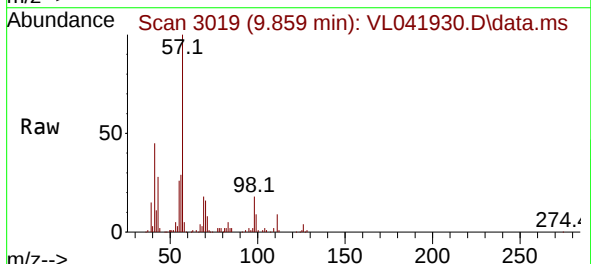
Instrument :
MSVOA_L
ClientSampleId :

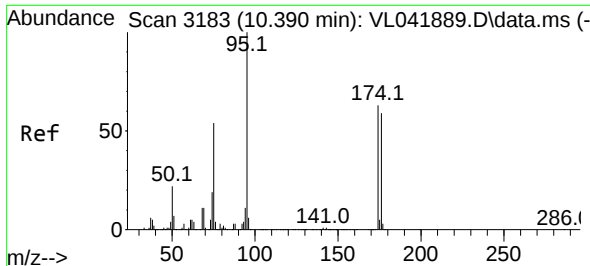
Tgt Ion: 91 Resp: 10871
Ion Ratio Lower Upper
91 100
106 40.2 21.3 63.9



#61
Styrene
Concen: 0.042 ppbv
RT: 9.859 min Scan# 3019
Delta R.T. -0.026 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 104 Resp: 844
Ion Ratio Lower Upper
104 100
78 141.0 41.0 61.6#
103 87.4 37.2 55.8#

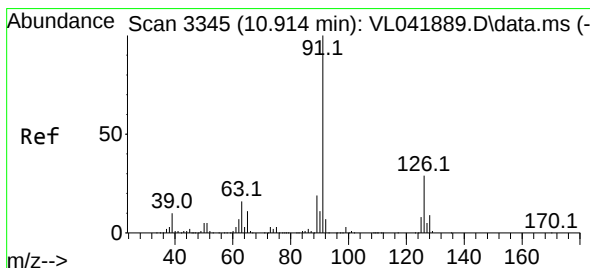
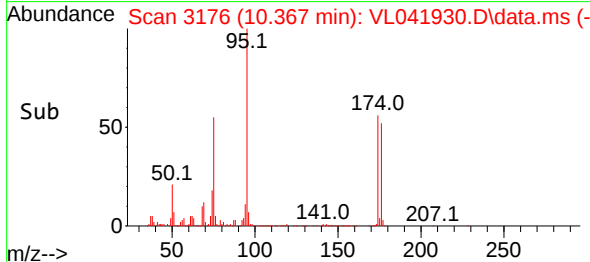
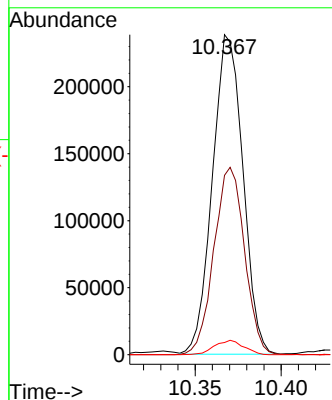
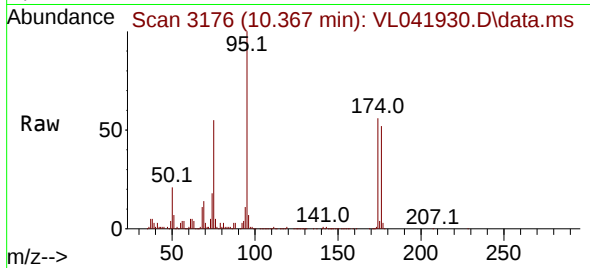




#68
1-Bromo-4-Fluorobenzene
Concen: 10.277 ppbv
RT: 10.367 min Scan# 3183
Delta R.T. -0.023 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

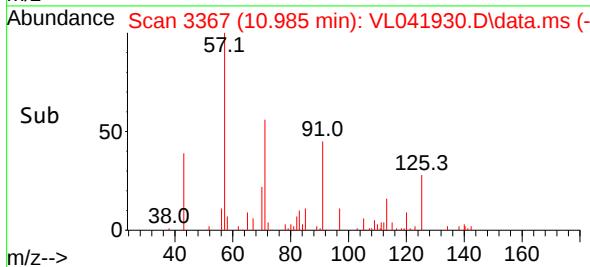
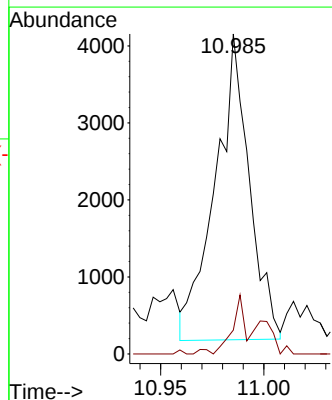
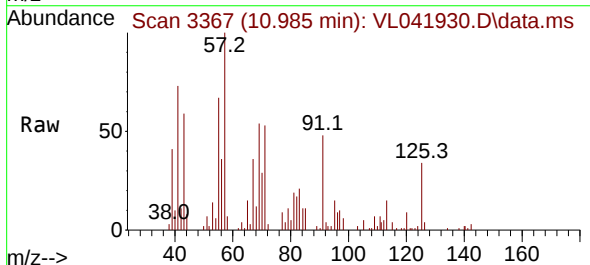
Instrument :
MSVOA_L
ClientSampleId :

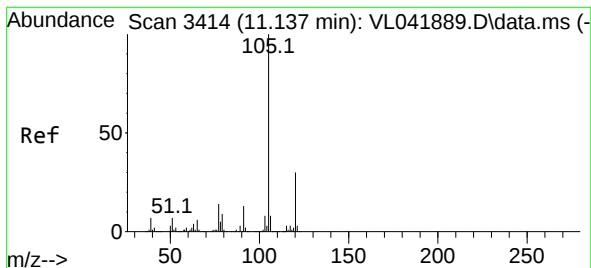
Tgt Ion: 95 Resp: 293650
Ion Ratio Lower Upper
95 100
174 59.0 49.0 73.4
175 4.3 3.8 5.8



#71
2-Chlorotoluene
Concen: 0.088 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. 0.071 min
Lab File: VL041930.D
Acq: 20 Jan 2025 21:28

Tgt Ion: 91 Resp: 4560
Ion Ratio Lower Upper
91 100
126 13.8 11.7 46.7





#72

4-Ethyltoluene

Concen: 0.050 ppbv

RT: 11.118 min Scan# 3414

Delta R.T. -0.020 min

Lab File: VL041930.D

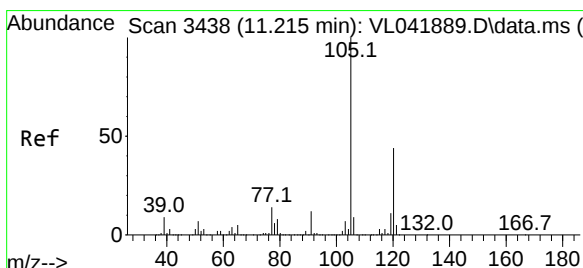
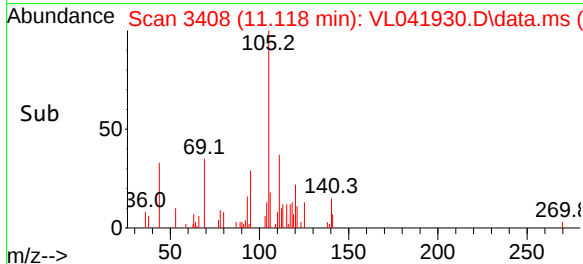
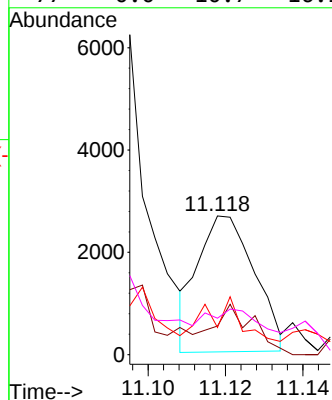
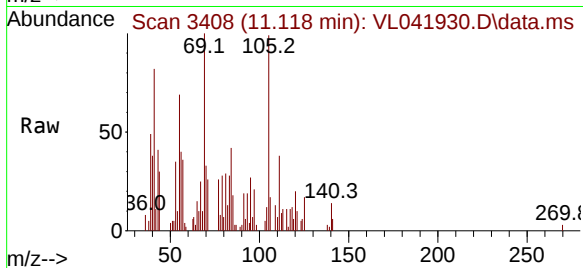
Acq: 20 Jan 2025 21:28

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105	Resp:	2692
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.7 35.5#
91	0.0	10.2 15.2#
77	0.0	10.7 16.1#



#73

1,3,5-Trimethylbenzene

Concen: 0.110 ppbv

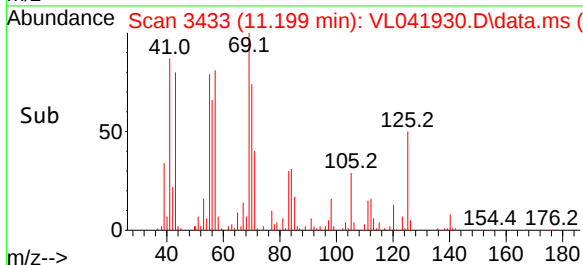
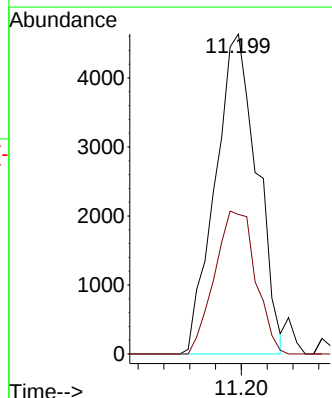
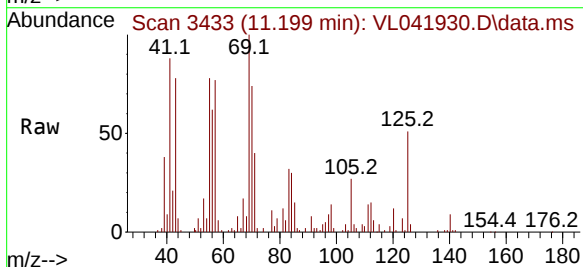
RT: 11.199 min Scan# 3433

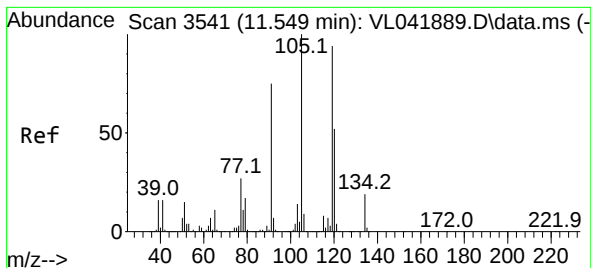
Delta R.T. -0.016 min

Lab File: VL041930.D

Acq: 20 Jan 2025 21:28

Tgt Ion:105	Resp:	5226
Ion Ratio	Lower	Upper
105	100	
120	43.6	35.4 53.2





#74

1,2,4-Trimethylbenzene

Concen: 0.302 ppbv

RT: 11.532 min Scan# 3

Delta R.T. -0.016 min

Lab File: VL041930.D

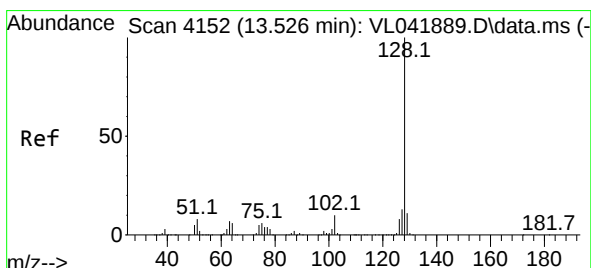
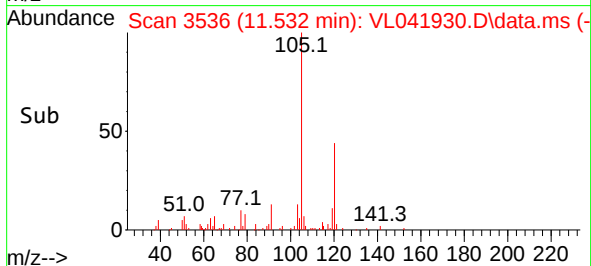
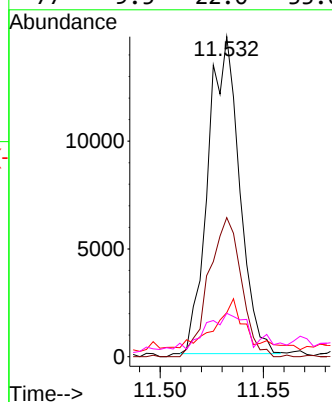
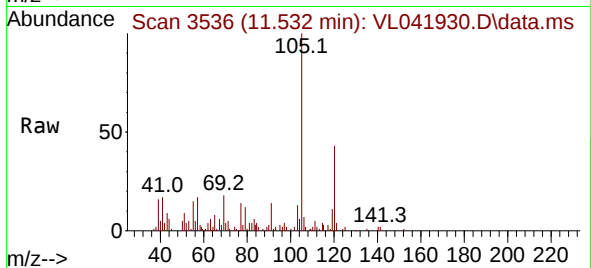
Acq: 20 Jan 2025 21:28

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105	Resp:	15568
Ion Ratio	Lower	Upper
105	100	
120	43.9	41.4 62.2
91	11.1	60.2 90.2#
77	9.5	22.0 33.0#



#79

Naphthalene

Concen: 0.084 ppbv

RT: 13.513 min Scan# 4148

Delta R.T. -0.013 min

Lab File: VL041930.D

Acq: 20 Jan 2025 21:28

Tgt Ion:128	Resp:	4359
Ion Ratio	Lower	Upper
128	100	
127	74.1	10.2 15.4#
129	15.4	9.1 13.7#

