

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042198.D
 Acq On : 28 Mar 2025 01:57
 Operator : SY/MD
 Sample : Q1669-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-1-3262025

Quant Time: Mar 28 23:03:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	175214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	504192	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	456695	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	374920	9.997	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	13401	0.518	ppbv	96
3) Chlorodifluoromethane	1.473	51	4505	0.170	ppbv #	91
4) Chloromethane	1.528	50	1536	0.145	ppbv #	64
9) Propene	1.479	41	10650	0.879	ppbv	96
10) Heptane	4.978	43	6715	0.208	ppbv #	66
11) Trichlorofluoromethane	1.877	101	5125	0.204	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.143	101	1240	0.060	ppbv	89
13) Ethanol	1.722	45	170673	149.043	ppbv	82
15) Acetone	1.835	43	866562	35.363	ppbv	98
16) 1,3-Butadiene	1.599	39	29502	2.465	ppbv #	24
17) tert-Butyl alcohol	2.042	59	19215	0.630	ppbv #	89
19) Isopropyl Alcohol	1.887	45	17071	1.235	ppbv #	1
20) Methylene Chloride	2.065	84	14093	1.544	ppbv	94
21) Allyl Chloride	2.081	41	1234	0.071	ppbv #	1
23) Vinyl Acetate	2.476	43	29318	2.764	ppbv #	49
25) Ethyl Acetate	2.829	43	19645	0.309	ppbv #	89
26) Hexane	2.829	57	26539	1.080	ppbv #	33
27) Carbon Disulfide	2.146	76	1202	0.046	ppbv #	1
29) Chloroform	2.852	83	3953	0.110	ppbv	93
30) Cyclohexane	3.858	84	3437	0.161	ppbv #	37
32) 1,1,1-Trichloroethane	3.376	97	2054	0.050	ppbv	89
34) 2-Butanone	2.564	43	85672	2.343	ppbv	99
36) Benzene	3.661	78	22692	0.454	ppbv #	92
39) 1,2-Dichloropropane	3.962	63	130214	7.153	ppbv #	23
41) Tetrahydrofuran	3.065	42	9870	0.469	ppbv	95
44) 2,2,4-Trimethylpentane	4.641	57	19657	0.233	ppbv #	61
50) 4-Methyl-2-Pentanone	5.768	43	90838	1.568	ppbv	99
52) Tetrachloroethene	8.224	164	2909	0.147	ppbv #	78
53) Toluene	6.936	91	360213	6.079	ppbv	100
57) Chlorobenzene	8.924	112	2905	0.067	ppbv #	64
58) Ethyl Benzene	9.354	91	43413	0.535	ppbv #	87
59) m/p-Xylene	9.532	91	127535	1.969	ppbv	99
60) o-Xylene	9.966	91	56023	0.863	ppbv	98
61) Styrene	9.869	104	25026	0.779	ppbv	98
62) Isopropylbenzene	10.535	105	7520	0.077	ppbv	92
64) n-propylbenzene	10.989	120	2528	0.101	ppbv #	9
65) tert-Butylbenzene	11.539	119	4406	0.049	ppbv #	60
67) sec-Butylbenzene	12.225	105	3942	0.032	ppbv	94
72) 4-Ethyltoluene	11.124	105	14976	0.185	ppbv #	62
73) 1,3,5-Trimethylbenzene	11.205	105	14315	0.203	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	39507	0.486	ppbv #	70

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Instrument :
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SSSG-B16-1-3262025

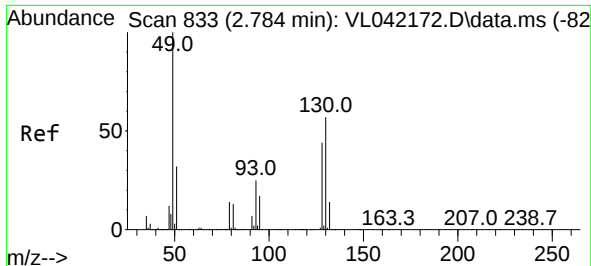
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Mar 28 23:03:39 2025
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
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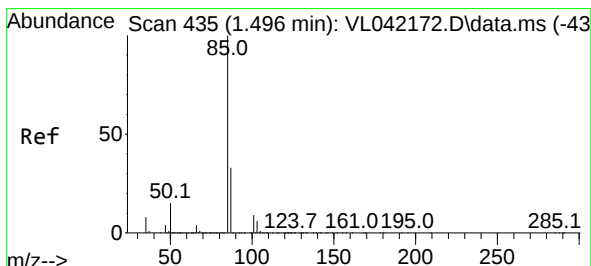
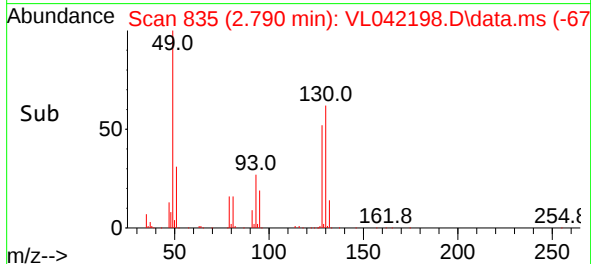
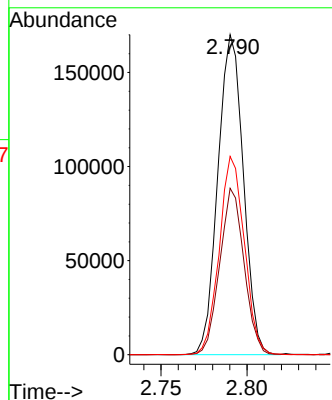
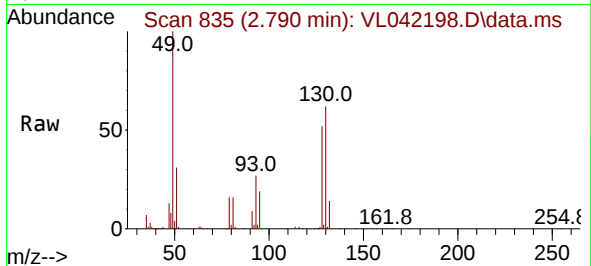




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

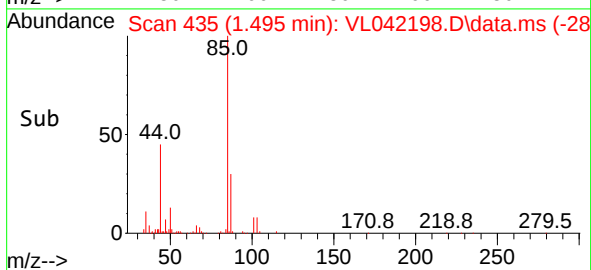
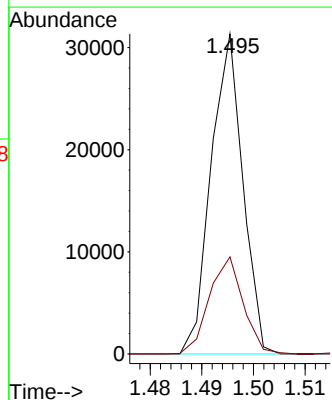
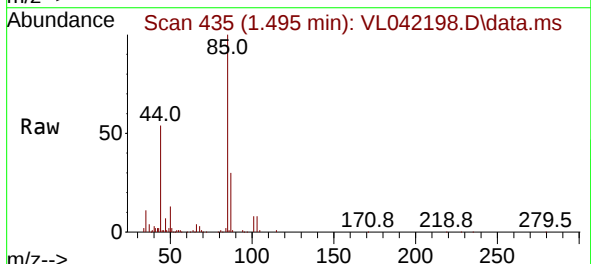
Instrument :
MSVOA_L
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SSSG-B16-1-3262025

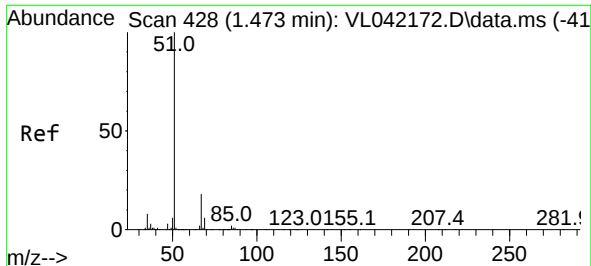
Tgt Ion: 49 Resp: 175214
Ion Ratio Lower Upper
49 100
128 49.8 22.9 68.5
130 61.1 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 0.518 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 85 Resp: 13401
Ion Ratio Lower Upper
85 100
87 30.2 26.1 39.1

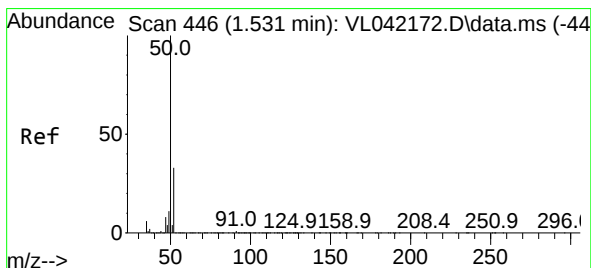
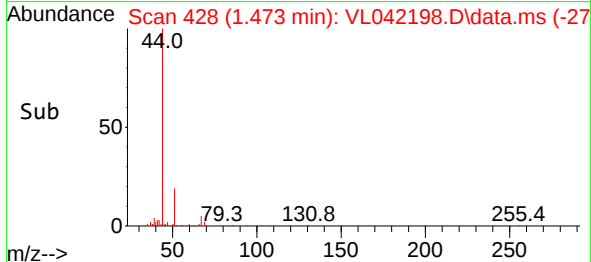
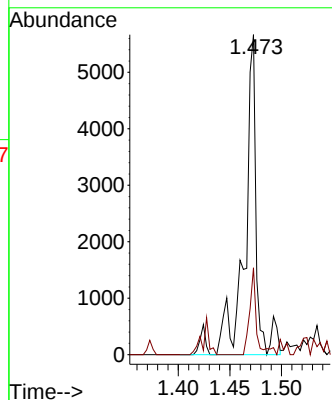
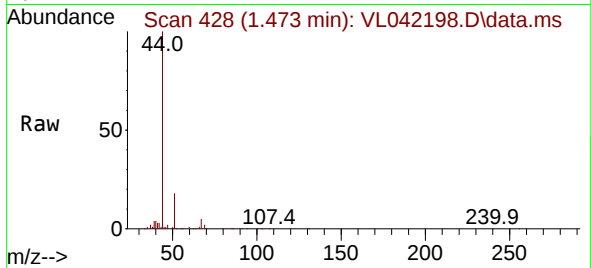




#3
Chlorodifluoromethane
Concen: 0.170 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

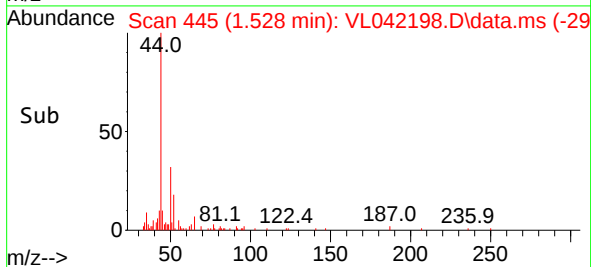
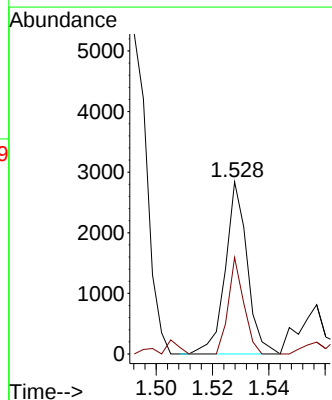
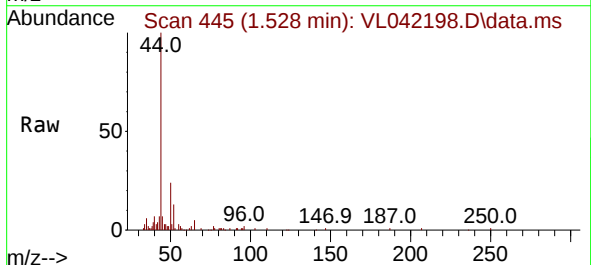
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

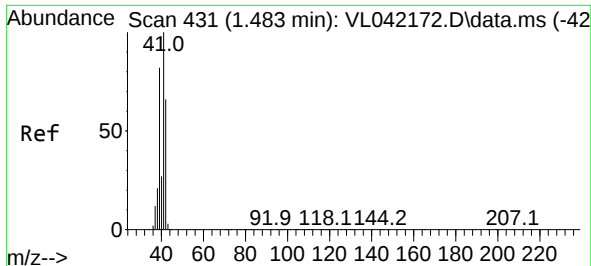
Tgt Ion: 51 Resp: 4505
Ion Ratio Lower Upper
51 100
67 15.0 15.0 22.6#



#4
Chloromethane
Concen: 0.145 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.004 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 50 Resp: 1536
Ion Ratio Lower Upper
50 100
52 52.7 26.1 39.1#





#9

Propene

Concen: 0.879 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.004 min

Lab File: VL042198.D

Acq: 28 Mar 2025 01:57

Instrument :

MSVOA_L

ClientSampleId :

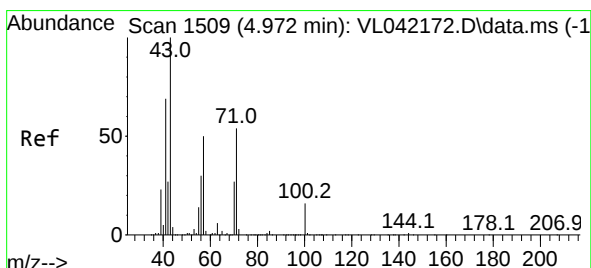
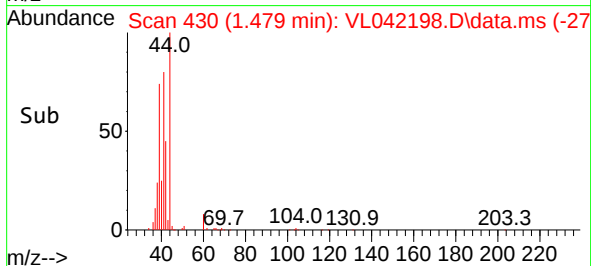
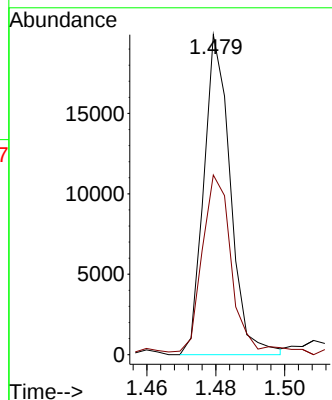
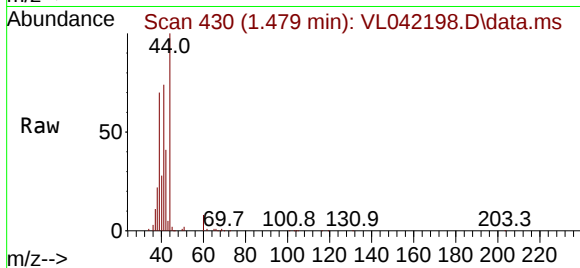
SSSG-B16-1-3262025

Tgt Ion: 41 Resp: 10650

Ion Ratio Lower Upper

41 100

42 66.4 55.4 83.2



#10

Heptane

Concen: 0.208 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VL042198.D

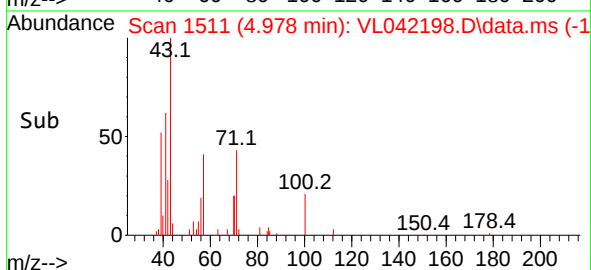
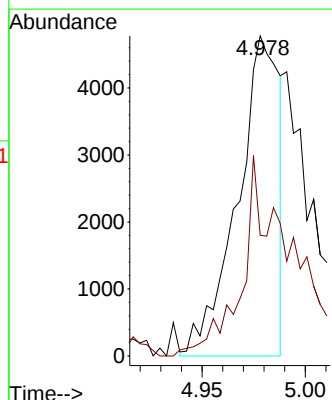
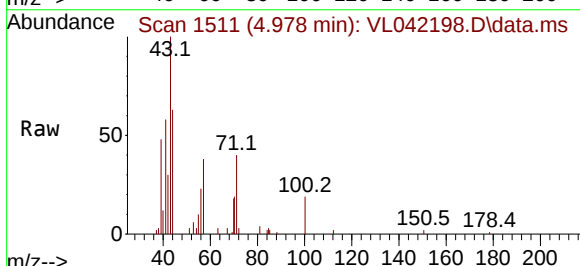
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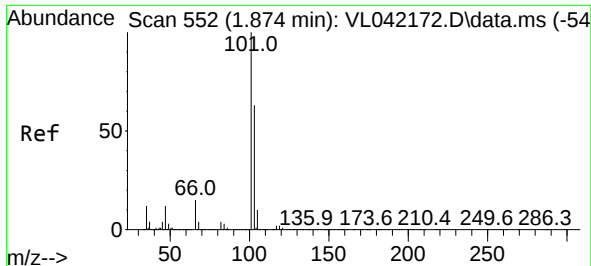
Tgt Ion: 43 Resp: 6715

Ion Ratio Lower Upper

43 100

57 72.8 39.4 59.2#

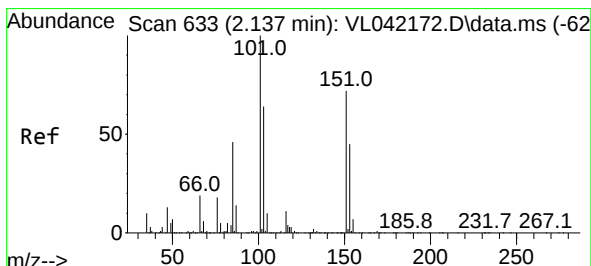
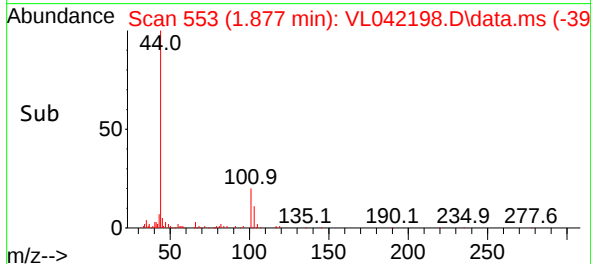
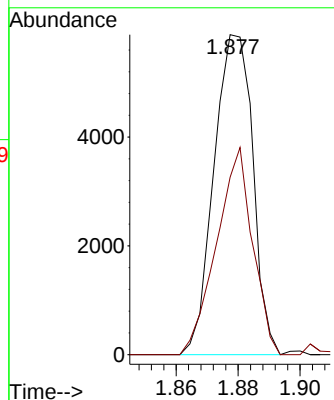
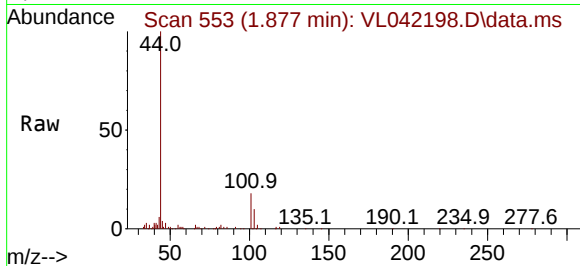




#11
 Trichlorofluoromethane
 Concen: 0.204 ppbv
 RT: 1.877 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL042198.D
 Acq: 28 Mar 2025 01:57

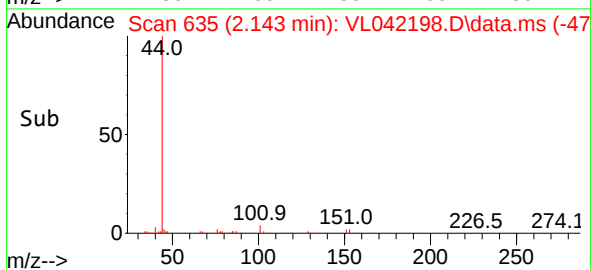
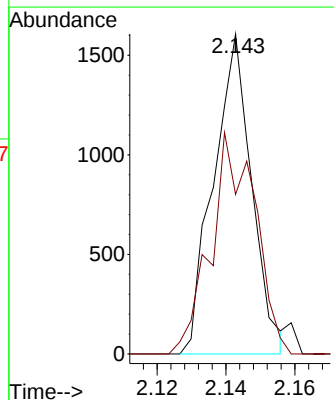
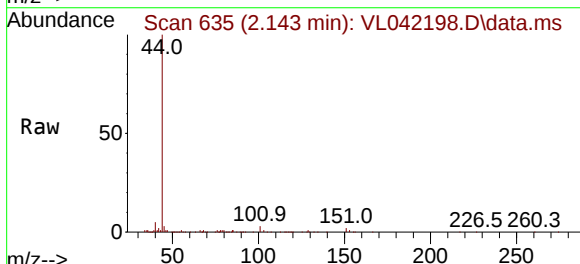
Instrument :
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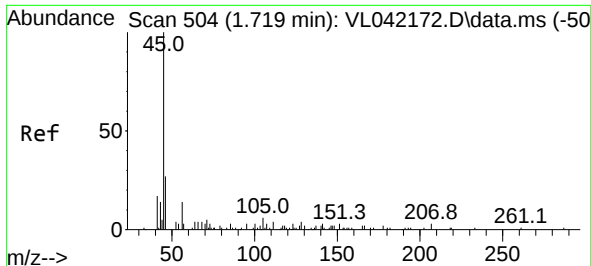
Tgt Ion:101 Resp: 5125
 Ion Ratio Lower Upper
 101 100
 103 55.4 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.060 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.006 min
 Lab File: VL042198.D
 Acq: 28 Mar 2025 01:57

Tgt Ion:101 Resp: 1240
 Ion Ratio Lower Upper
 101 100
 151 80.2 57.1 85.7

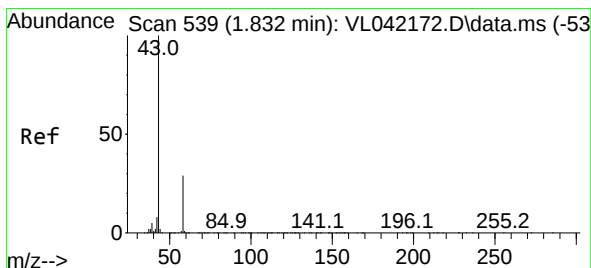
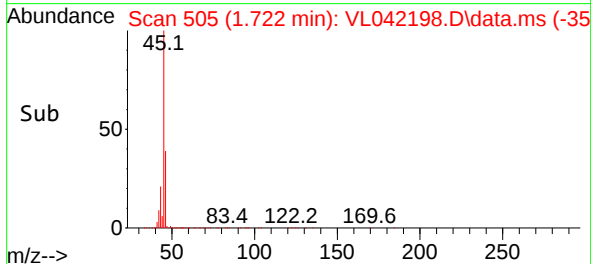
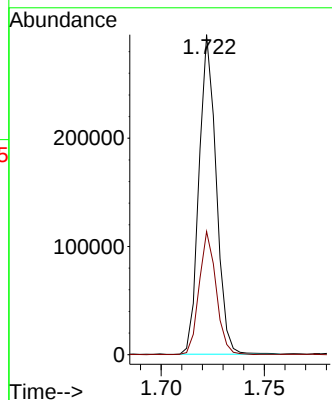
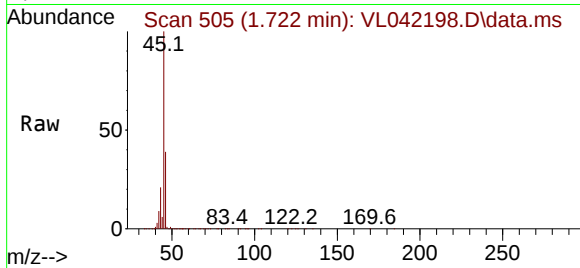




#13
Ethanol
Concen: 149.043 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

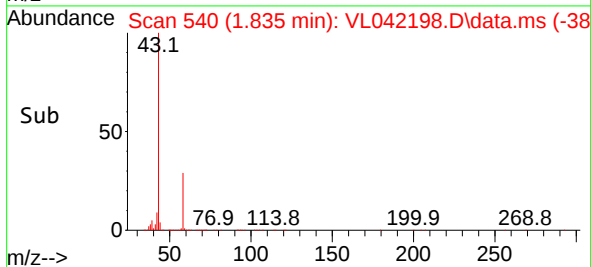
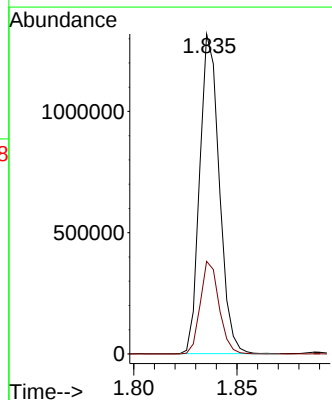
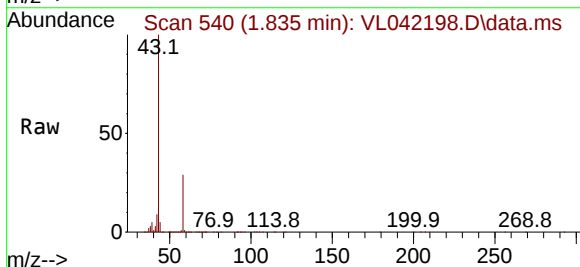
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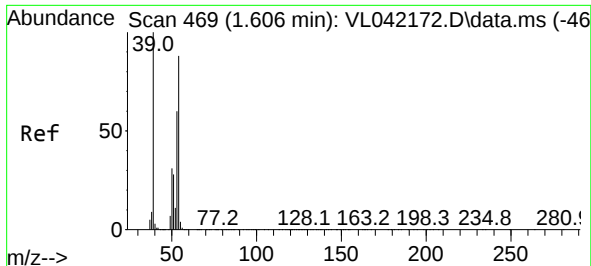
Tgt Ion: 45 Resp: 170673
Ion Ratio Lower Upper
45 100
46 38.0 20.2 80.8



#15
Acetone
Concen: 35.363 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 43 Resp: 866562
Ion Ratio Lower Upper
43 100
58 28.0 23.2 34.8





#16

1,3-Butadiene

Concen: 2.465 ppbv

RT: 1.599 min Scan# 4

Delta R.T. -0.007 min

Lab File: VL042198.D

Acq: 28 Mar 2025 01:57

Instrument :

MSVOA_L

ClientSampleId :

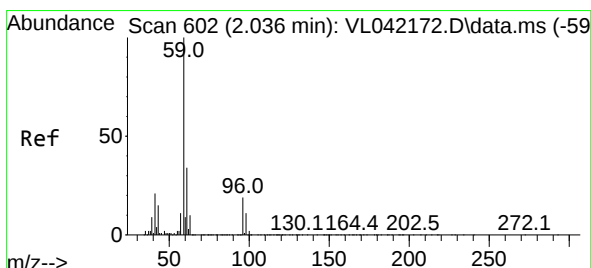
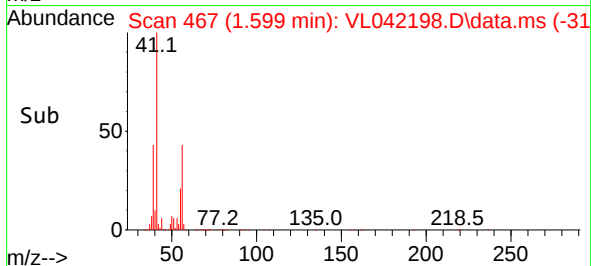
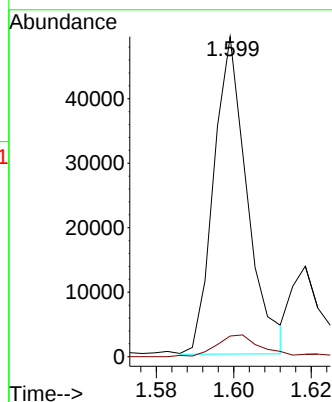
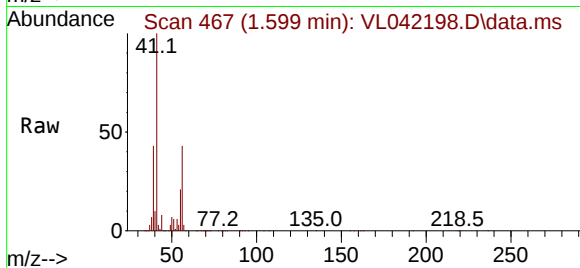
SSSG-B16-1-3262025

Tgt Ion: 39 Resp: 29502

Ion Ratio Lower Upper

39 100

54 10.7 60.7 91.1#



#17

tert-Butyl alcohol

Concen: 0.630 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL042198.D

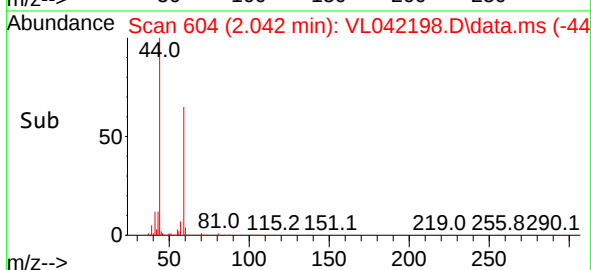
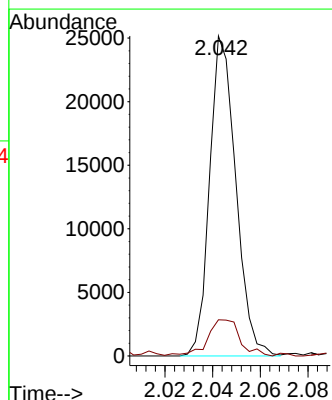
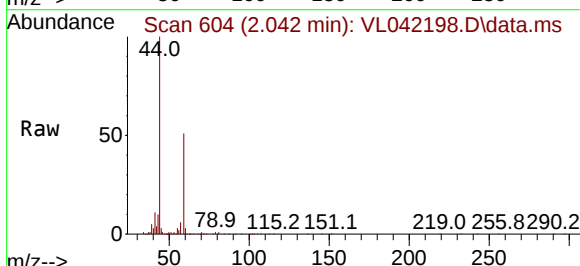
Acq: 28 Mar 2025 01:57

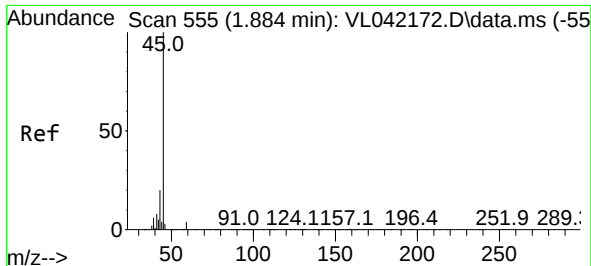
Tgt Ion: 59 Resp: 19215

Ion Ratio Lower Upper

59 100

57 15.1 8.9 13.3#

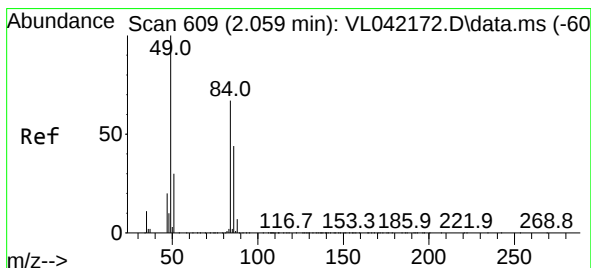
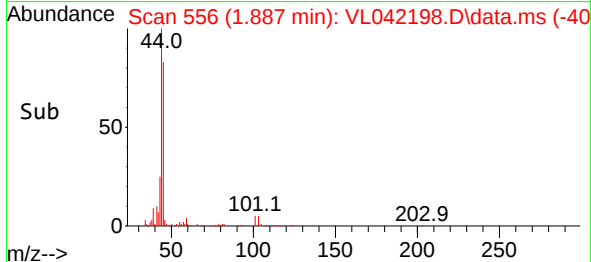
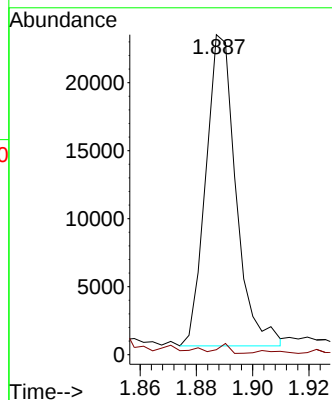
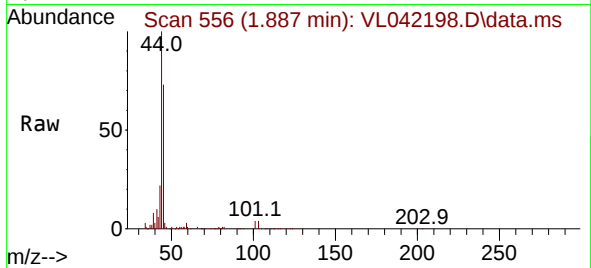




#19
Isopropyl Alcohol
Concen: 1.235 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

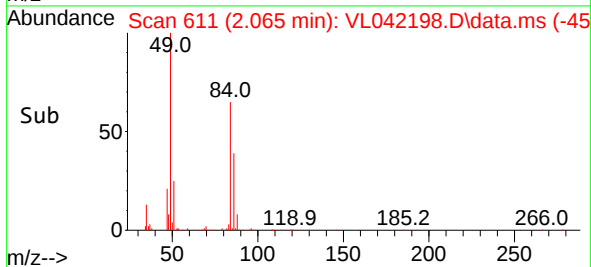
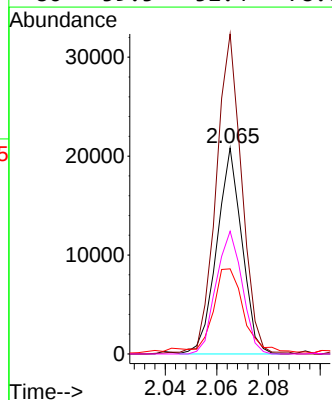
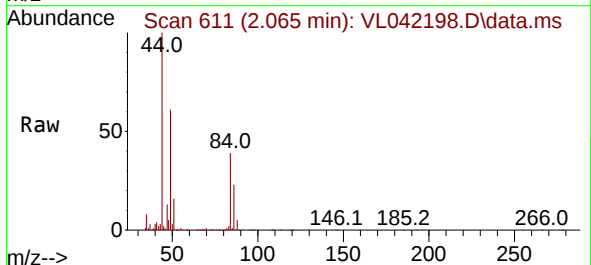
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

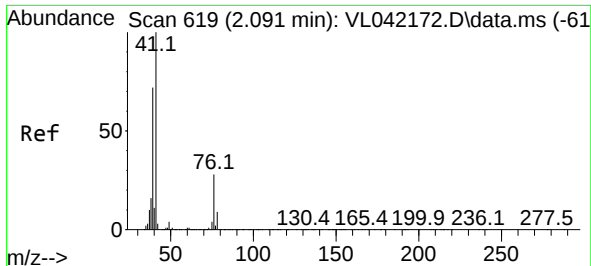
Tgt Ion: 45 Resp: 17071
Ion Ratio Lower Upper
45 100
58 1417.2 36.9 55.3#



#20
Methylene Chloride
Concen: 1.544 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 84 Resp: 14093
Ion Ratio Lower Upper
84 100
49 154.4 120.2 180.4
51 39.8 37.4 56.0
86 59.5 52.4 78.6

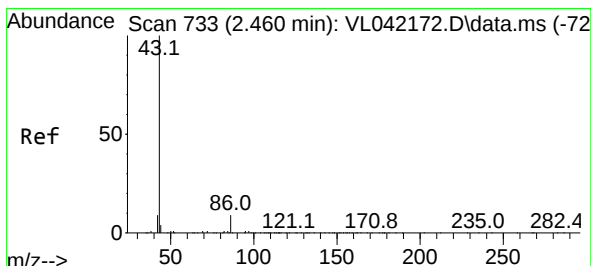
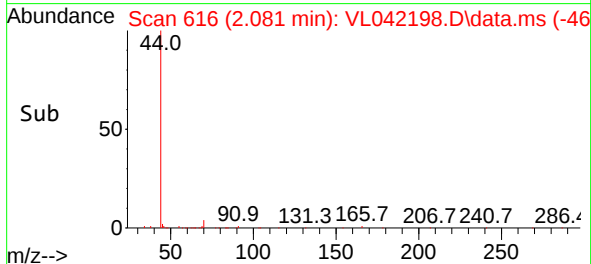
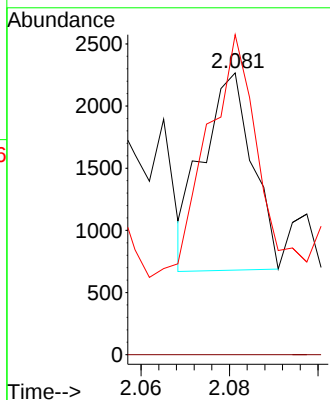
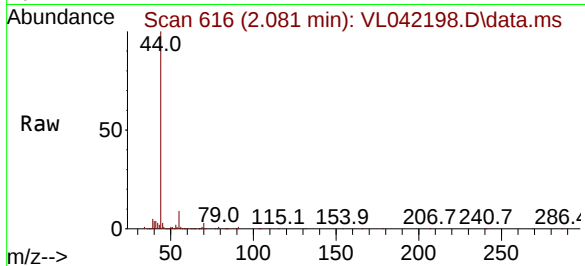




#21
 Allyl Chloride
 Concen: 0.071 ppbv
 RT: 2.081 min Scan# 619
 Delta R.T. -0.010 min
 Lab File: VL042198.D
 Acq: 28 Mar 2025 01:57

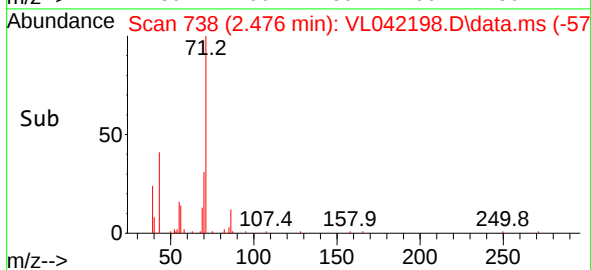
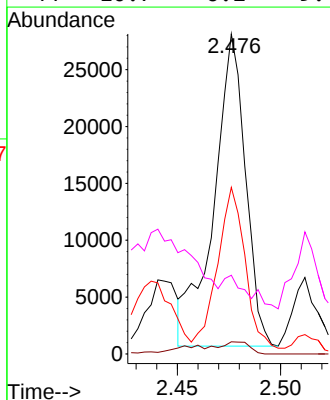
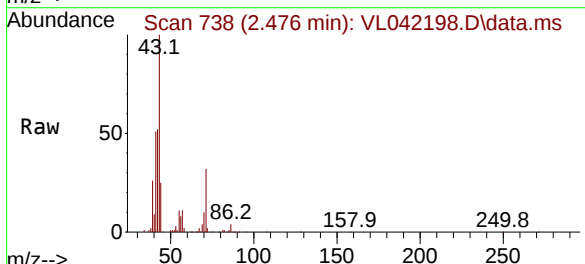
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-1-3262025

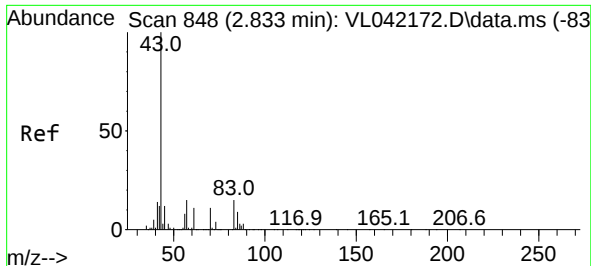
Tgt Ion: 41 Resp: 1234
 Ion Ratio Lower Upper
 41 100
 76 5.0 24.1 36.1#
 39 191.2 61.1 91.7#



#23
 Vinyl Acetate
 Concen: 2.764 ppbv
 RT: 2.476 min Scan# 738
 Delta R.T. 0.016 min
 Lab File: VL042198.D
 Acq: 28 Mar 2025 01:57

Tgt Ion: 43 Resp: 29318
 Ion Ratio Lower Upper
 43 100
 86 3.9 5.5 8.3#
 42 51.5 8.6 13.0#
 44 10.7 6.2 9.4#

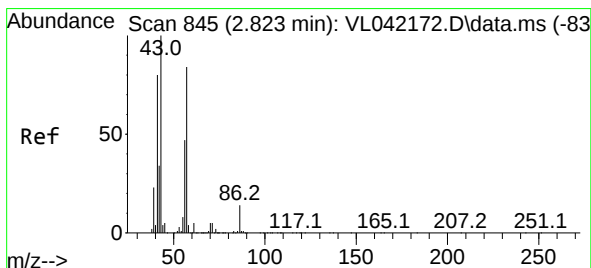
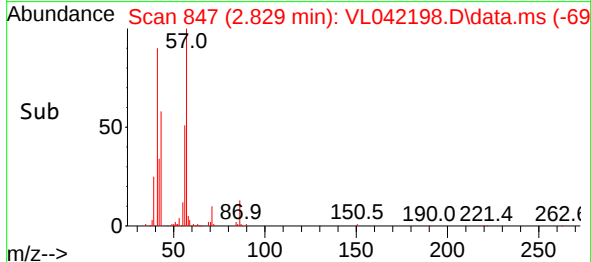
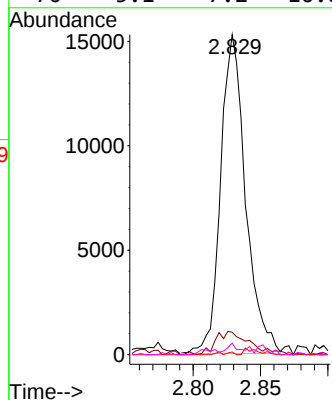
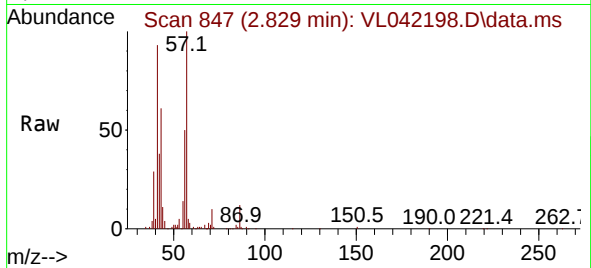




#25
Ethyl Acetate
Concen: 0.309 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.004 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

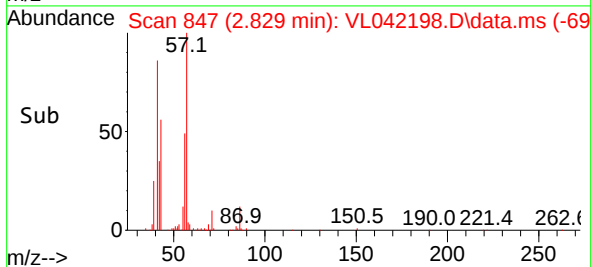
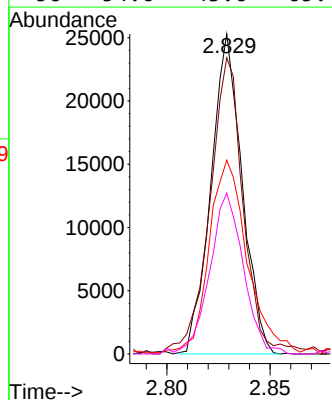
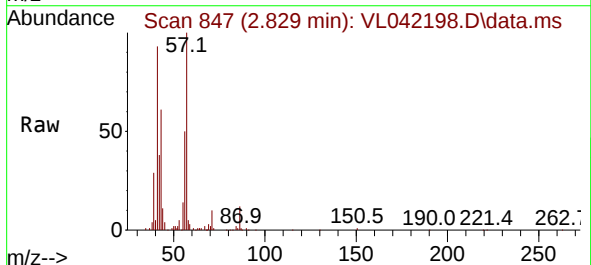
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

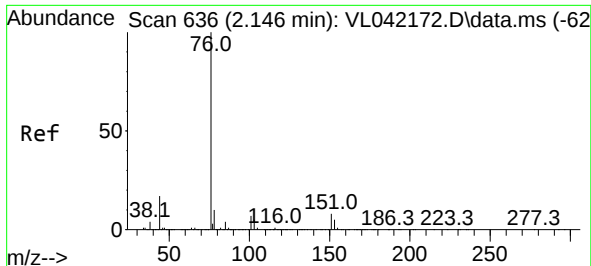
Tgt Ion: 43	Resp: 19645
Ion Ratio	Lower Upper
43 100	
45 10.0	8.2 12.2
61 1.3	7.3 10.9#
70 5.1	7.2 10.8#



#26
Hexane
Concen: 1.080 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 57	Resp: 26539
Ion Ratio	Lower Upper
57 100	
41 104.4	76.6 114.8
43 75.7	207.8 311.8#
56 54.6	43.6 65.4

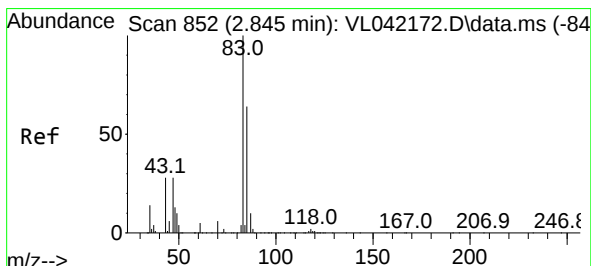
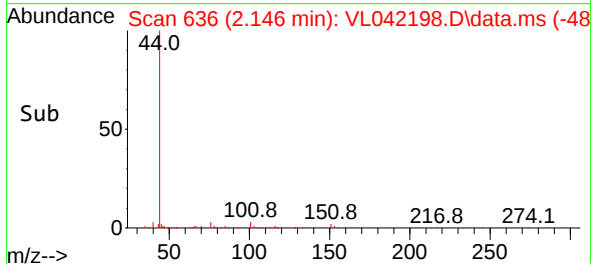
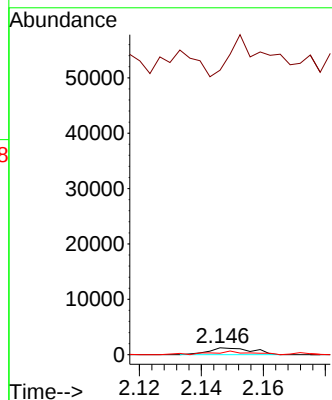
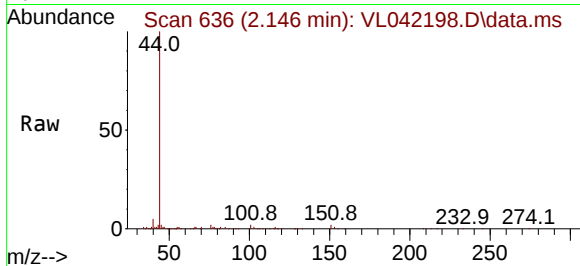




#27
Carbon Disulfide
Concen: 0.046 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

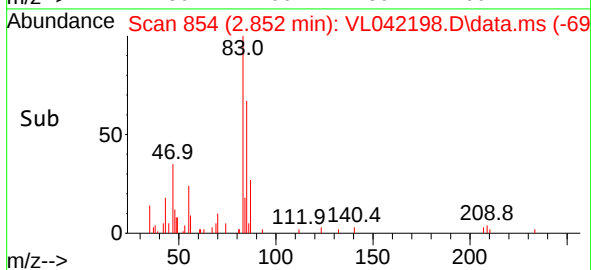
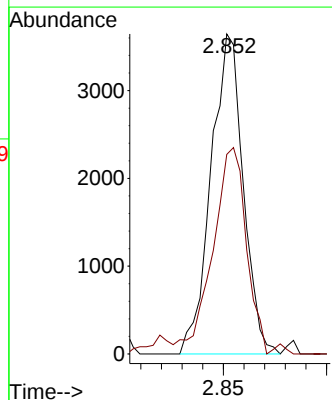
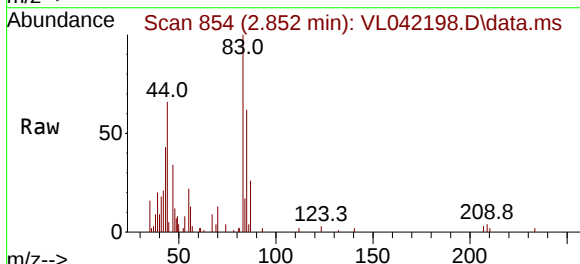
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

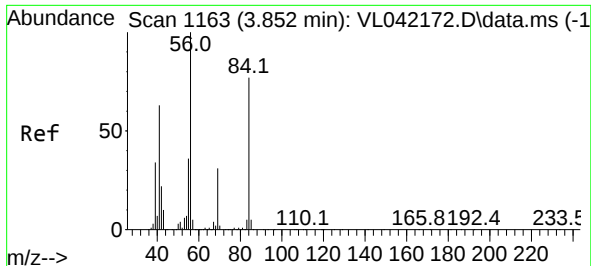
Tgt Ion: 76 Resp: 1202
Ion Ratio Lower Upper
76 100
44 3310.7 14.7 22.1#
78 55.1 9.3 13.9#



#29
Chloroform
Concen: 0.110 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 83 Resp: 3953
Ion Ratio Lower Upper
83 100
85 59.2 51.4 77.2

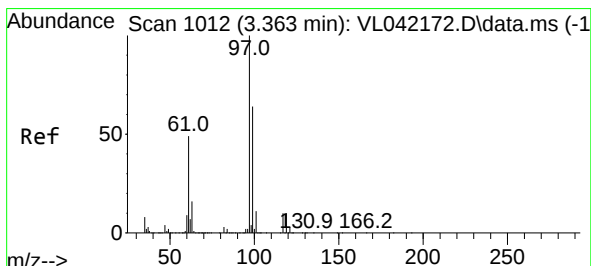
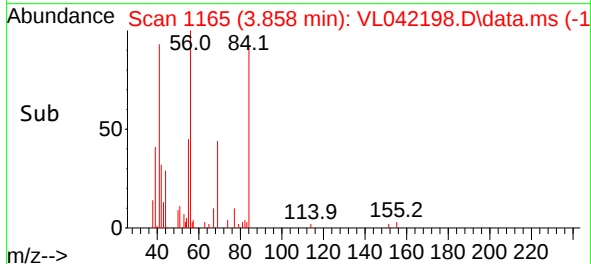
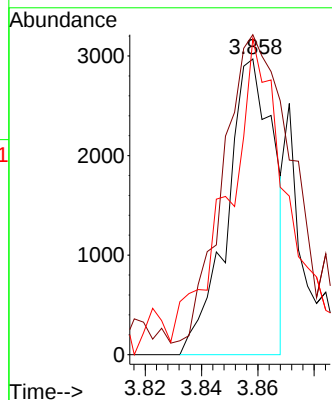
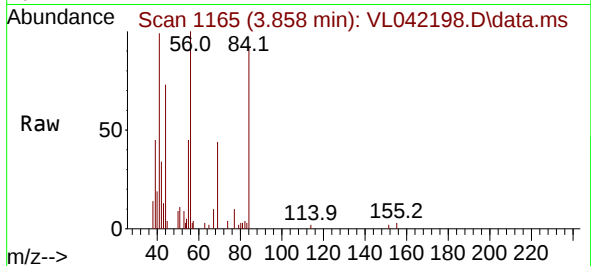




#30
Cyclohexane
Concen: 0.161 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

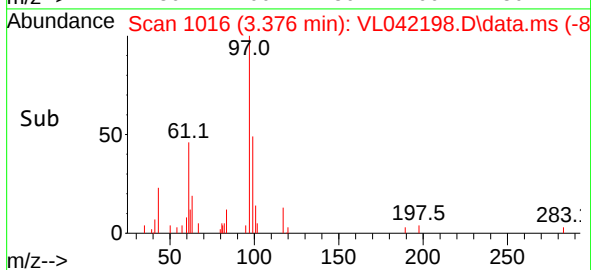
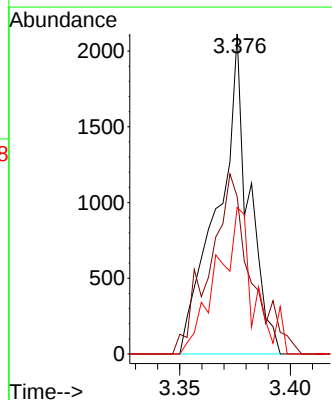
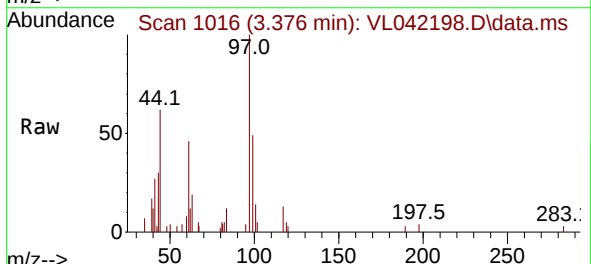
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

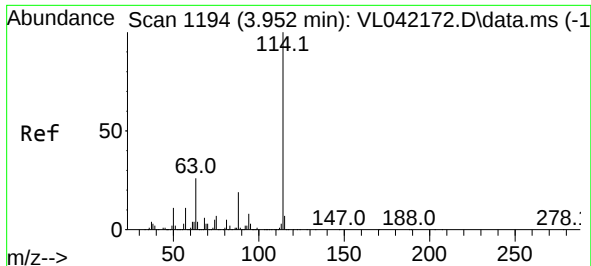
Tgt Ion: 84 Resp: 3437
Ion Ratio Lower Upper
84 100
56 173.7 102.8 154.2#
41 172.7 66.5 99.7#



#32
1,1,1-Trichloroethane
Concen: 0.050 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. 0.013 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 97 Resp: 2054
Ion Ratio Lower Upper
97 100
99 74.8 51.5 77.3
61 54.2 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.009 min

Lab File: VL042198.D

Acq: 28 Mar 2025 01:57

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B16-1-3262025

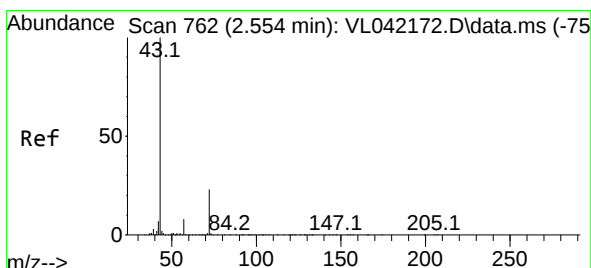
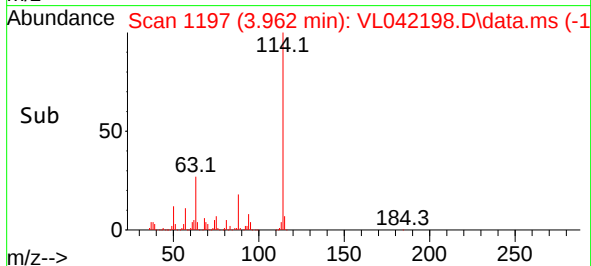
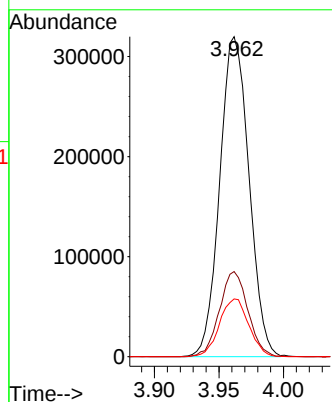
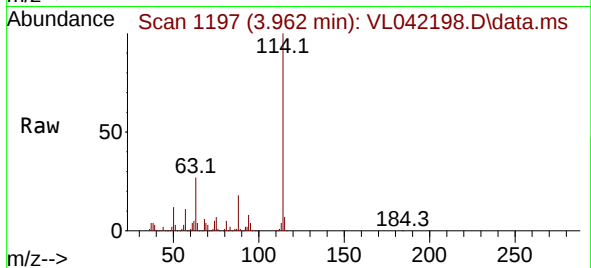
Tgt Ion:114 Resp: 504192

Ion Ratio Lower Upper

114 100

63 25.9 20.7 31.1

88 18.2 15.0 22.4



#34

2-Butanone

Concen: 2.343 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.009 min

Lab File: VL042198.D

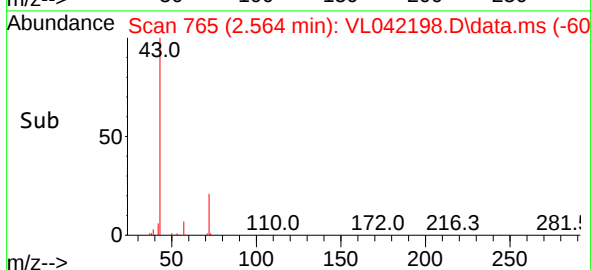
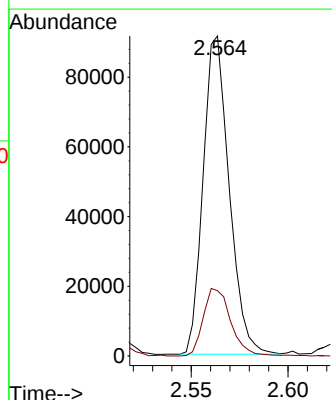
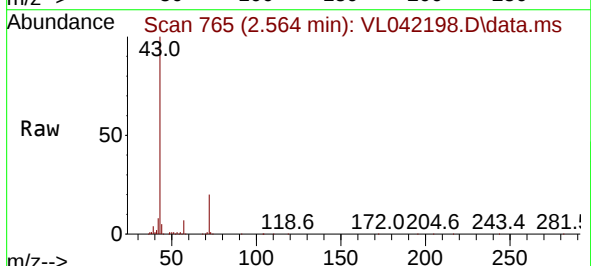
Acq: 28 Mar 2025 01:57

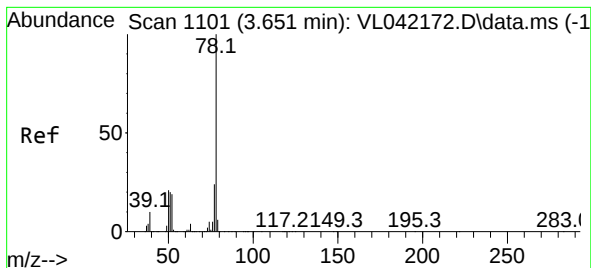
Tgt Ion: 43 Resp: 85672

Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.2





#36

Benzene

Concen: 0.454 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.009 min

Lab File: VL042198.D

Acq: 28 Mar 2025 01:57

Instrument :

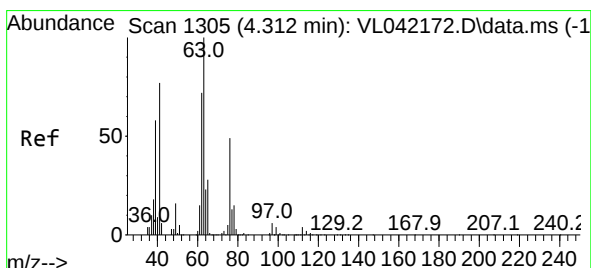
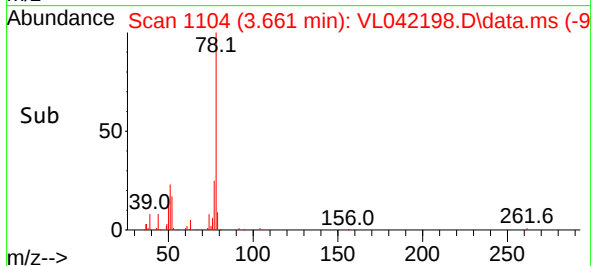
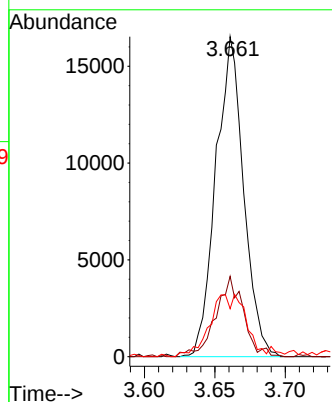
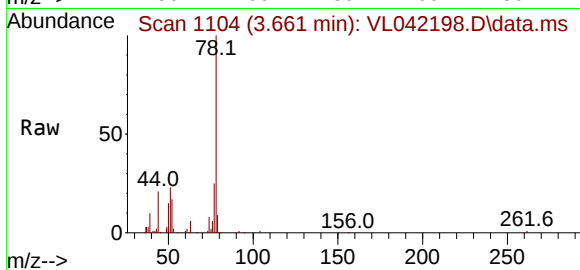
MSVOA_L

ClientSampleId :

SSSG-B16-1-3262025

Tgt Ion: 78 Resp: 22692

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.1	28.7
50	13.8	16.6	24.8



#39

1,2-Dichloropropane

Concen: 7.153 ppbv

RT: 3.962 min Scan# 1197

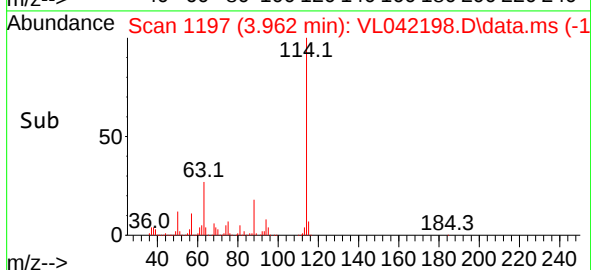
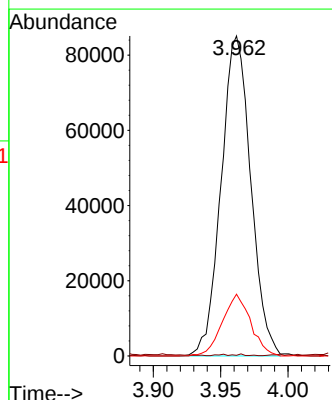
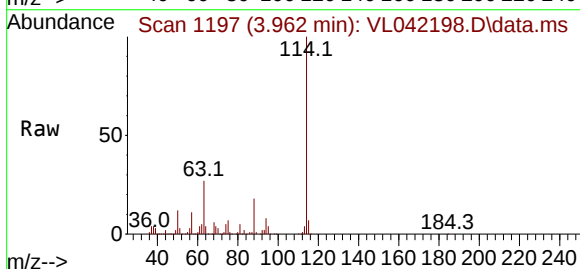
Delta R.T. -0.350 min

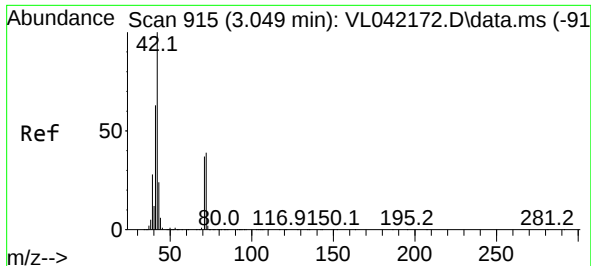
Lab File: VL042198.D

Acq: 28 Mar 2025 01:57

Tgt Ion: 63 Resp: 130214

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.7	92.5
62	19.3	57.6	86.4

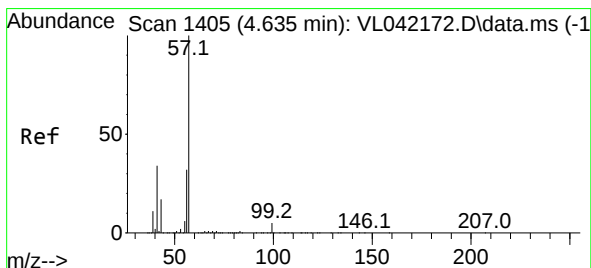
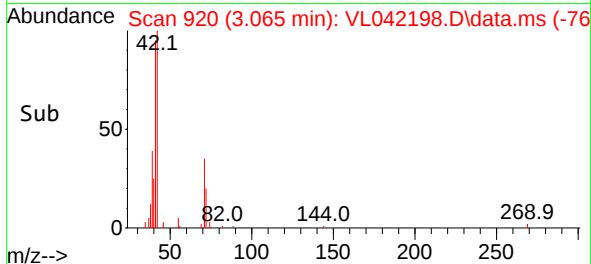
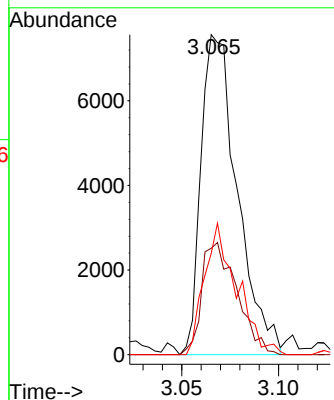
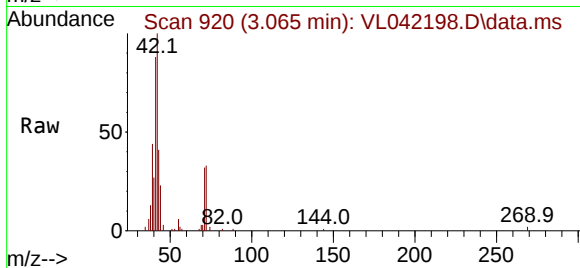




#41
Tetrahydrofuran
Concen: 0.469 ppbv
RT: 3.065 min Scan# 915
Delta R.T. 0.016 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

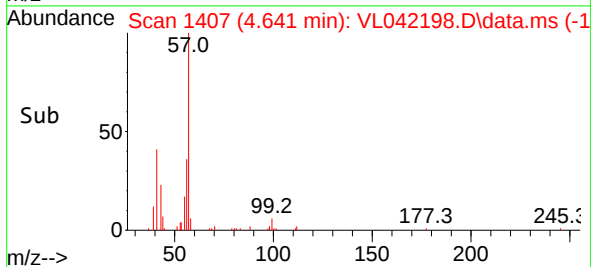
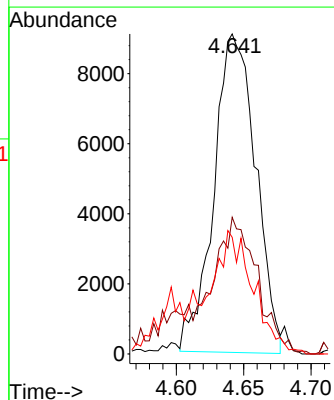
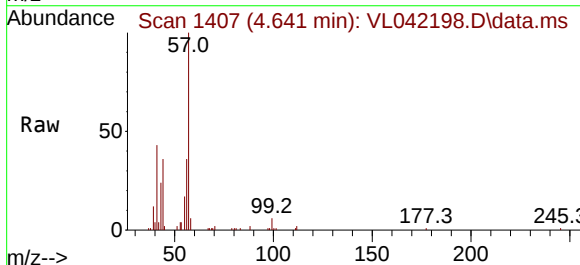
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

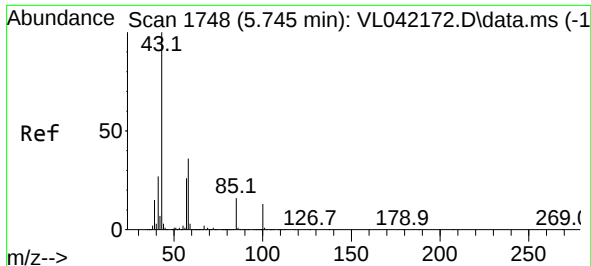
Tgt Ion: 42 Resp: 9870
Ion Ratio Lower Upper
42 100
72 34.1 31.4 47.0
71 36.7 30.2 45.4



#44
2,2,4-Trimethylpentane
Concen: 0.233 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 57 Resp: 19657
Ion Ratio Lower Upper
57 100
41 57.4 26.8 40.2#
56 52.5 25.6 38.4#

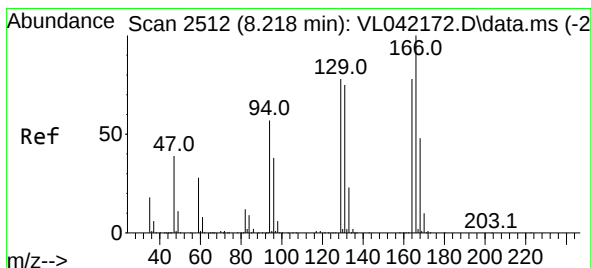
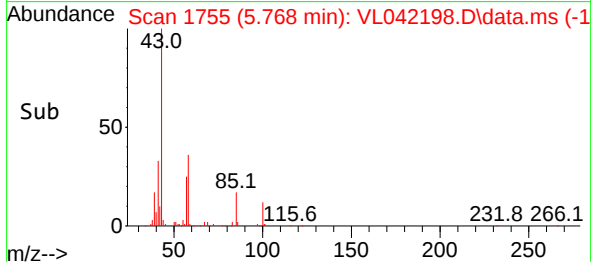
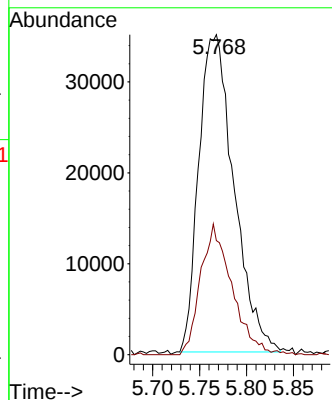
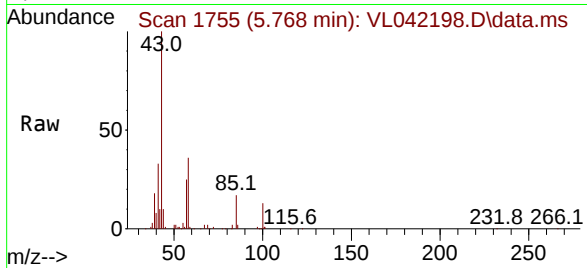




#50
4-Methyl-2-Pentanone
Concen: 1.568 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. 0.022 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

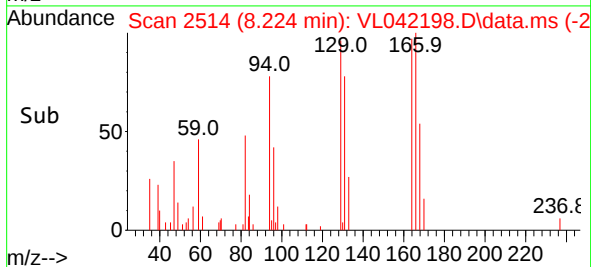
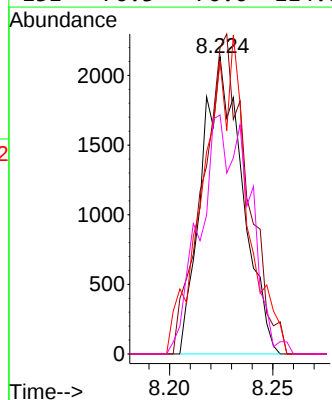
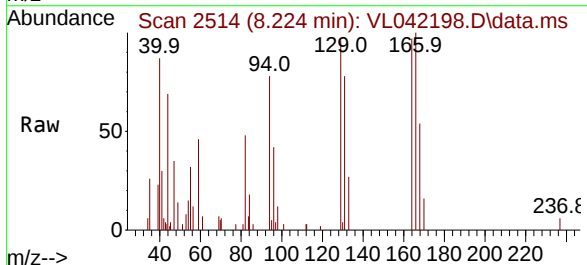
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

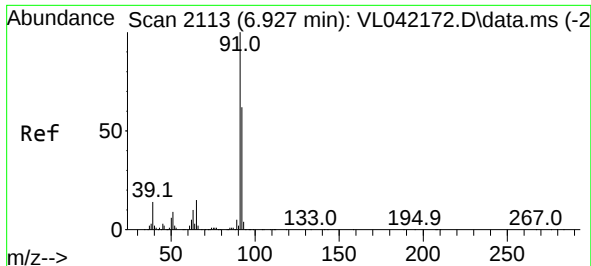
Tgt Ion: 43 Resp: 90838
Ion Ratio Lower Upper
43 100
58 36.8 29.0 43.6



#52
Tetrachloroethene
Concen: 0.147 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 164 Resp: 2909
Ion Ratio Lower Upper
164 100
166 92.3 102.5 153.7#
129 88.4 79.8 119.8
131 76.3 76.6 114.8#

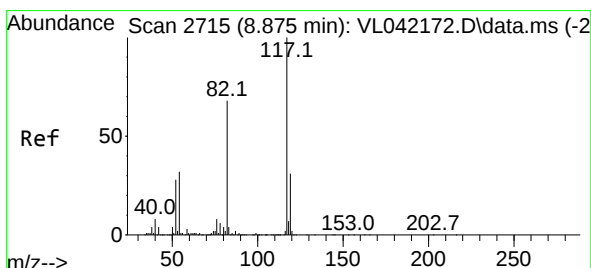
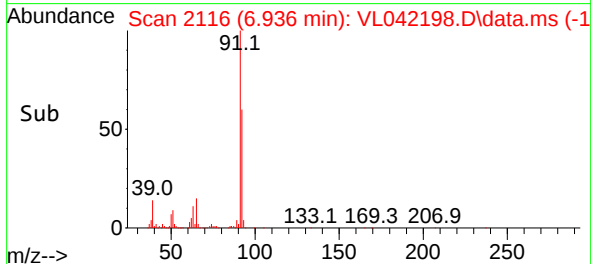
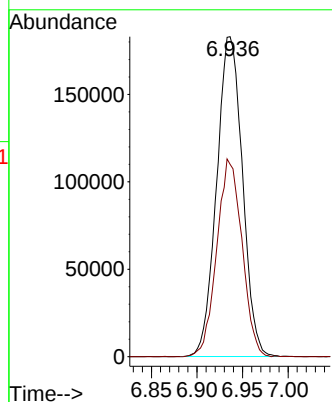
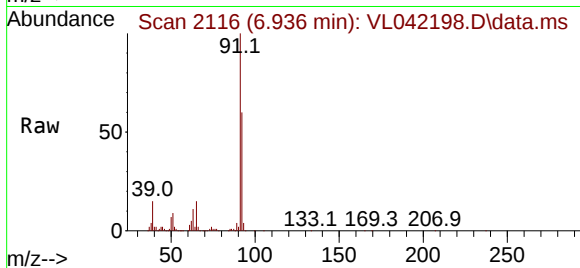




#53
Toluene
Concen: 6.079 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.009 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

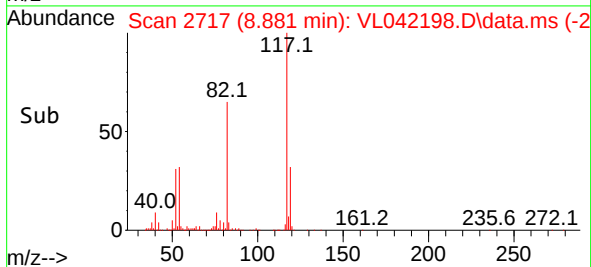
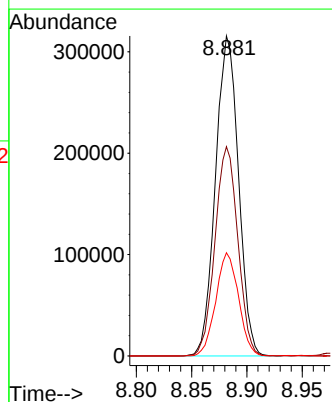
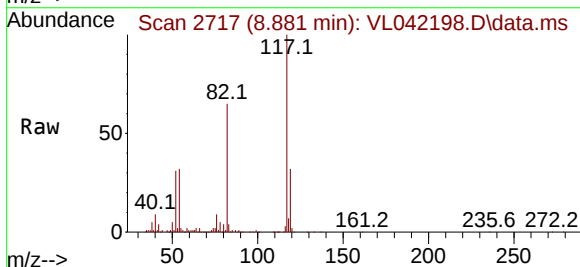
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

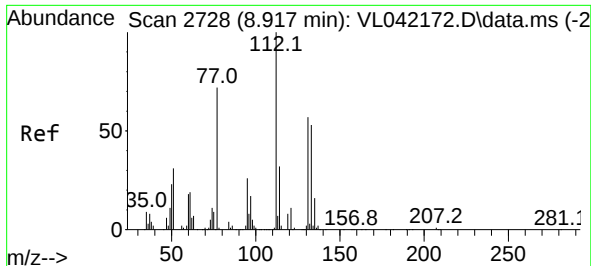
Tgt Ion: 91 Resp: 360213
Ion Ratio Lower Upper
91 100
92 60.4 48.4 72.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 117 Resp: 456695
Ion Ratio Lower Upper
117 100
82 65.0 55.8 83.6
119 31.9 25.5 38.3

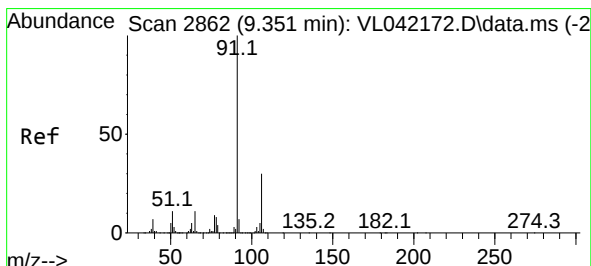
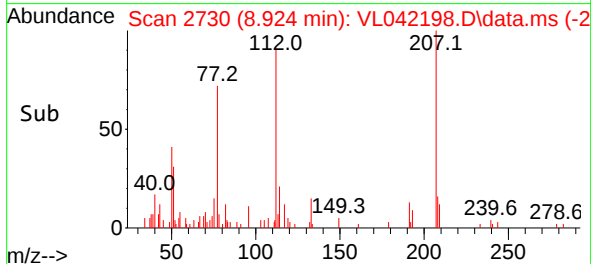
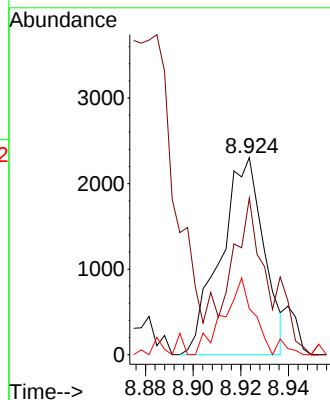
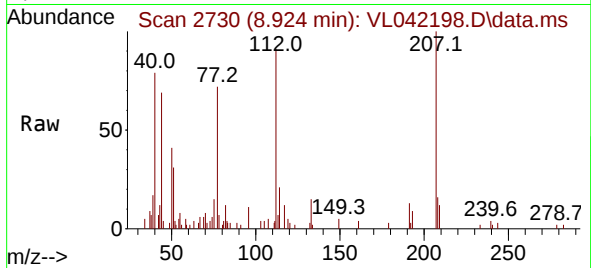




#57
Chlorobenzene
Concen: 0.067 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

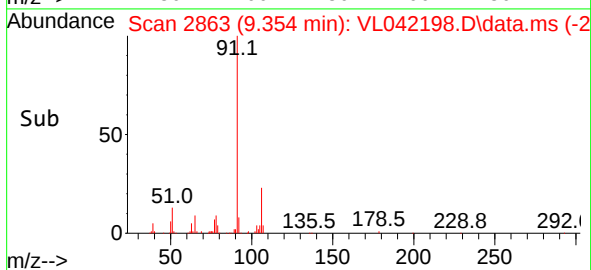
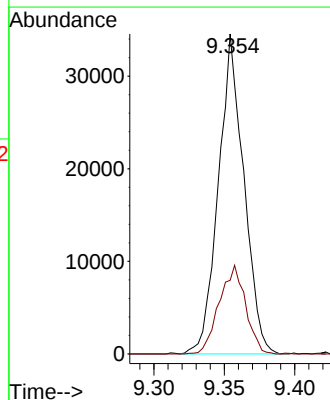
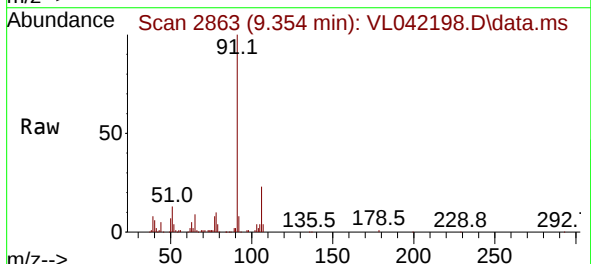
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

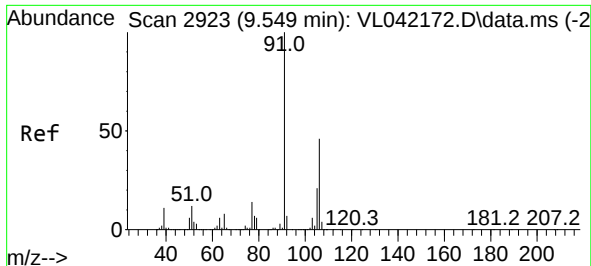
Tgt Ion:112 Resp: 2905
Ion Ratio Lower Upper
112 100
77 40.0 58.2 87.2#
114 15.3 29.1 35.5#



#58
Ethyl Benzene
Concen: 0.535 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion: 91 Resp: 43413
Ion Ratio Lower Upper
91 100
106 23.0 24.2 36.2#





#59

m/p-Xylene

Concen: 1.969 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.016 min

Lab File: VL042198.D

Acq: 28 Mar 2025 01:57

Instrument :

MSVOA_L

ClientSampleId :

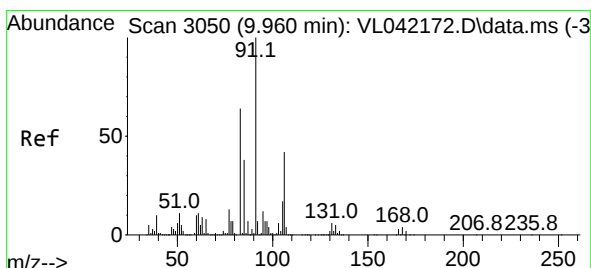
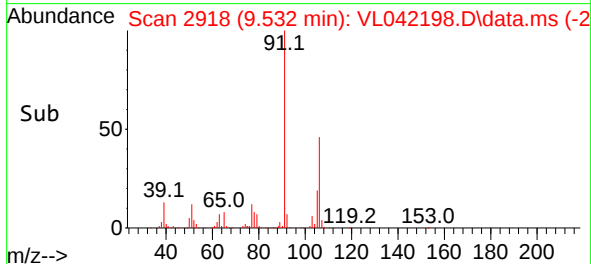
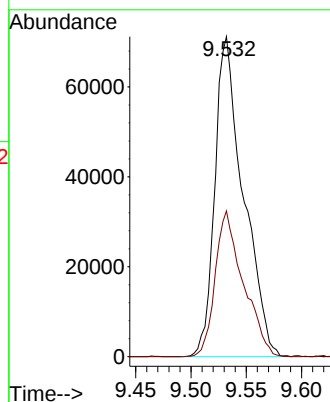
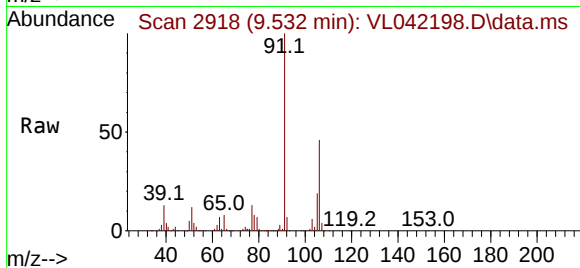
SSSG-B16-1-3262025

Tgt Ion: 91 Resp: 127535

Ion Ratio Lower Upper

91 100

106 44.9 36.4 54.6



#60

o-Xylene

Concen: 0.863 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL042198.D

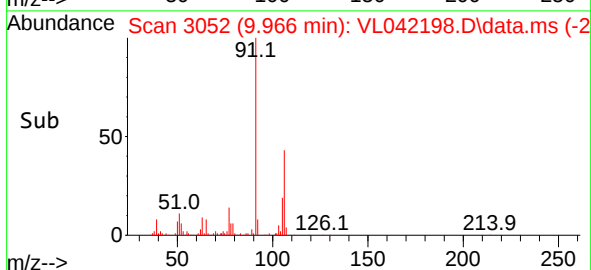
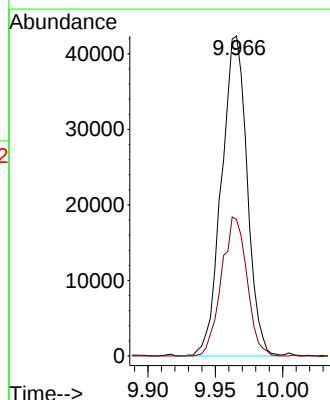
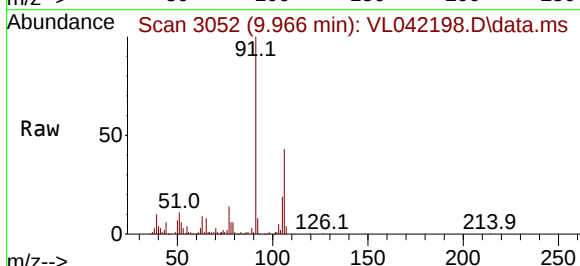
Acq: 28 Mar 2025 01:57

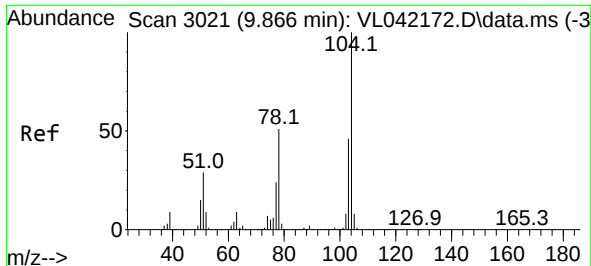
Tgt Ion: 91 Resp: 56023

Ion Ratio Lower Upper

91 100

106 43.2 20.8 62.5

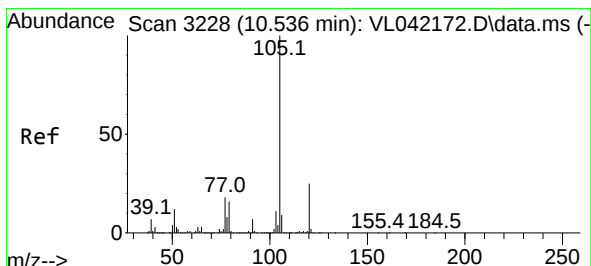
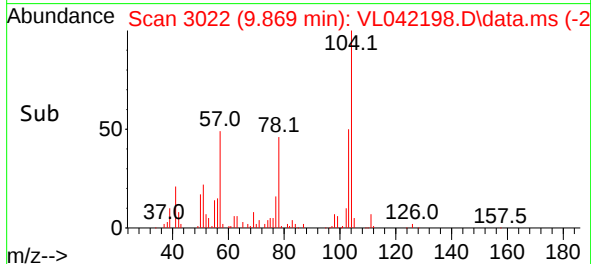
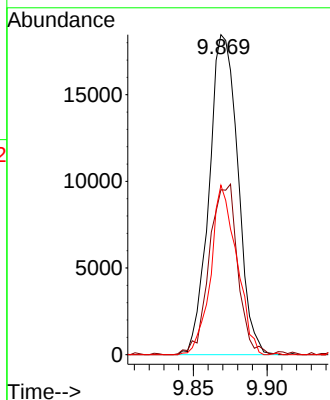
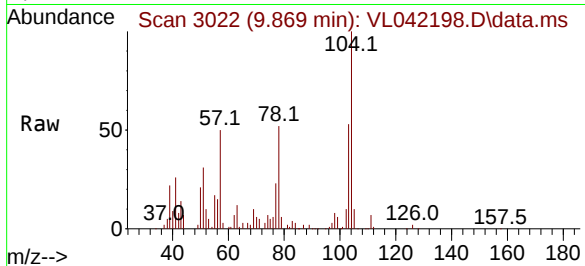




#61
Styrene
Concen: 0.779 ppbv
RT: 9.869 min Scan# 3021
Delta R.T. 0.003 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

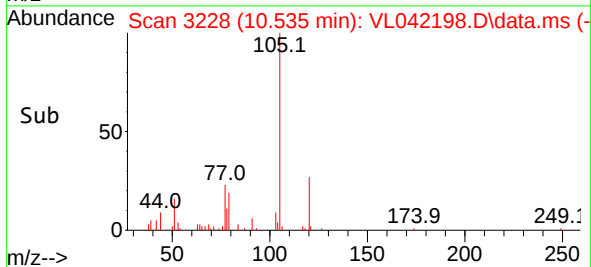
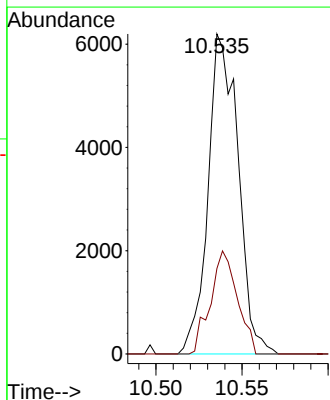
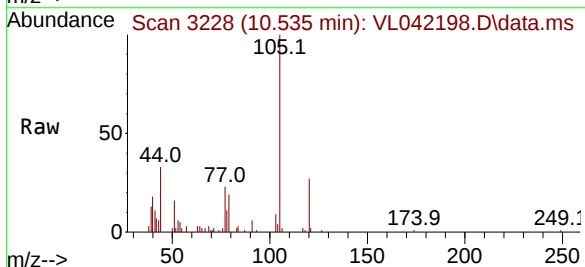
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

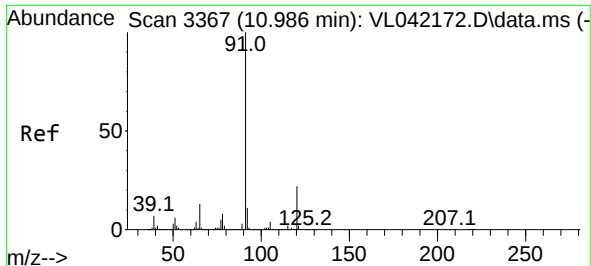
Tgt Ion:104 Resp: 25026
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.6
103 48.0 37.0 55.4



#62
Isopropylbenzene
Concen: 0.077 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.000 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion:105 Resp: 7520
Ion Ratio Lower Upper
105 100
120 29.0 19.9 29.9

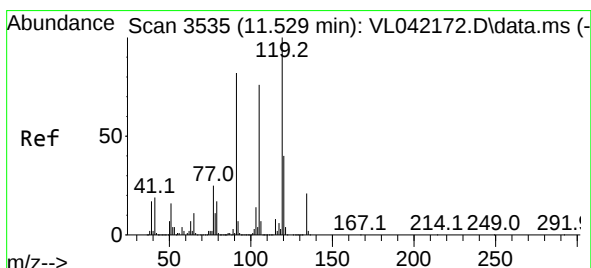
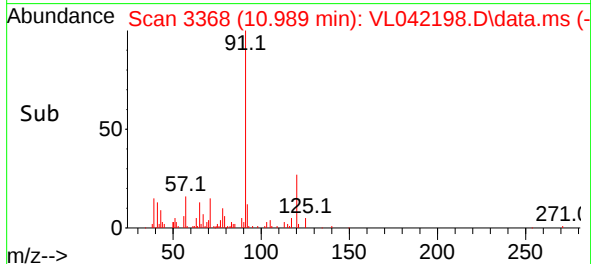
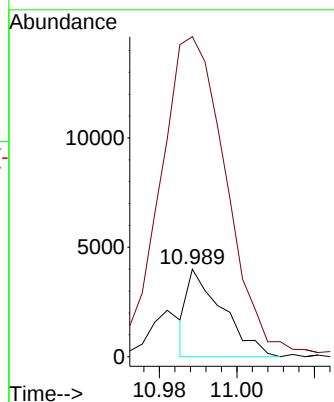
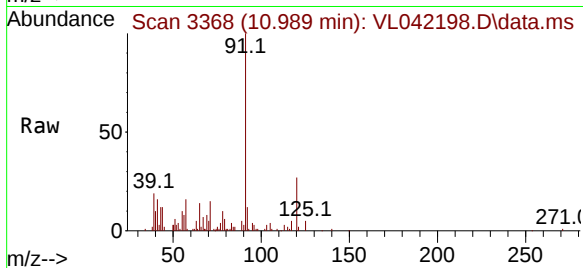




#64
n-propylbenzene
Concen: 0.101 ppbv
RT: 10.989 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

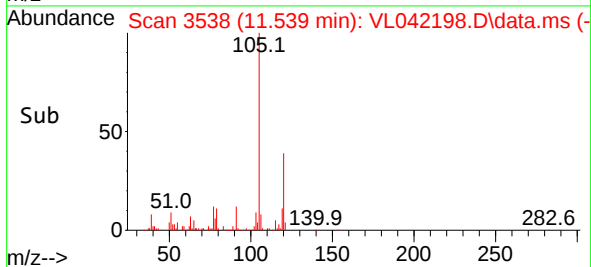
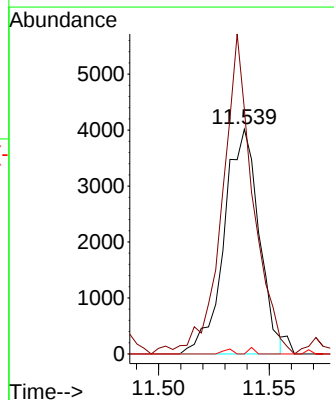
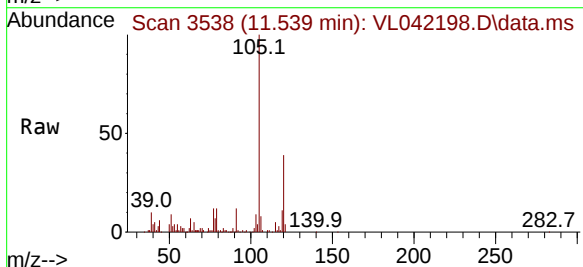
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025

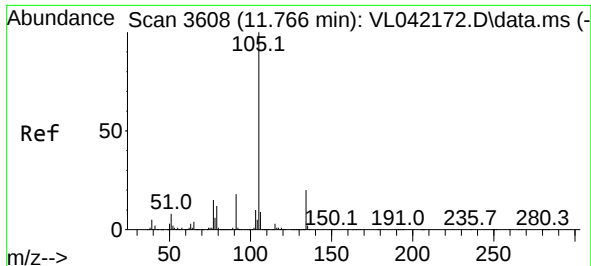
Tgt Ion:120 Resp: 2528
Ion Ratio Lower Upper
120 100
91 712.1 376.9 565.3#



#65
tert-Butylbenzene
Concen: 0.049 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.009 min
Lab File: VL042198.D
Acq: 28 Mar 2025 01:57

Tgt Ion:119 Resp: 4406
Ion Ratio Lower Upper
119 100
91 118.3 66.0 99.0#
134 1.1 16.7 25.1#

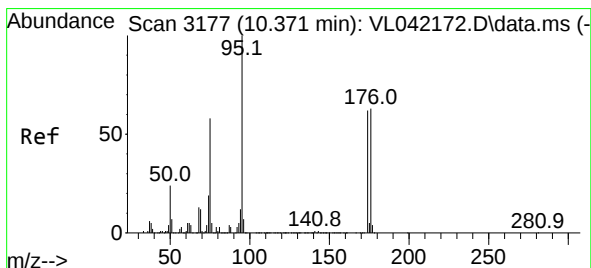
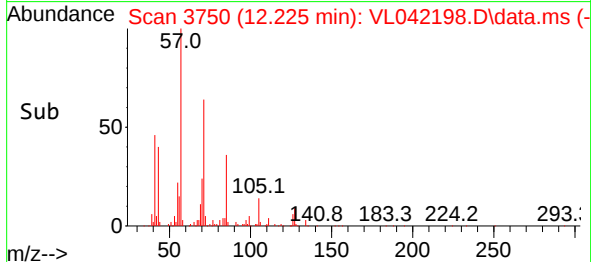
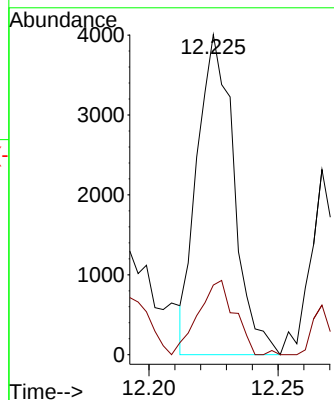
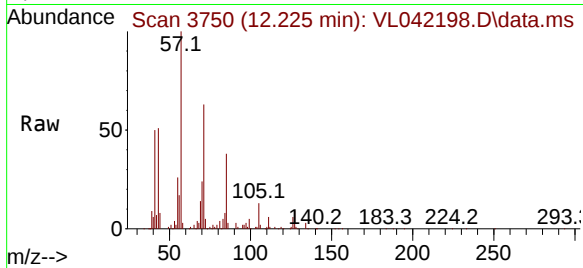




#67
 sec-Butylbenzene
 Concen: 0.032 ppbv
 RT: 12.225 min Scan# 3175
 Delta R.T. 0.459 min
 Lab File: VL042198.D
 Acq: 28 Mar 2025 01:57

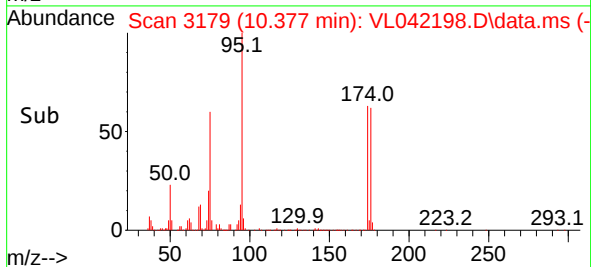
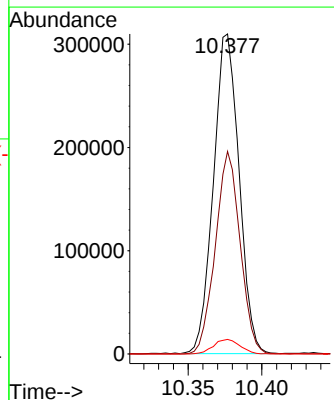
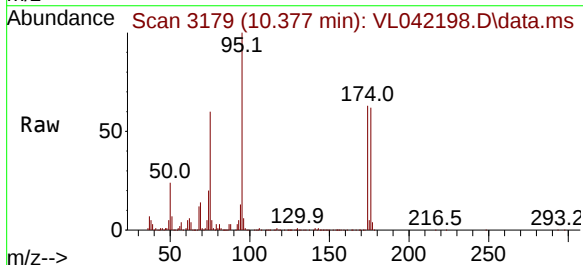
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-1-3262025

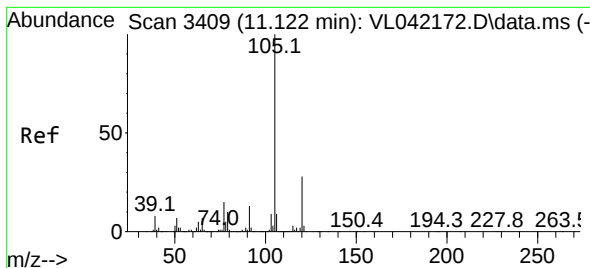
Tgt Ion:105 Resp: 3942
 Ion Ratio Lower Upper
 105 100
 134 16.7 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.997 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.006 min
 Lab File: VL042198.D
 Acq: 28 Mar 2025 01:57

Tgt Ion: 95 Resp: 374920
 Ion Ratio Lower Upper
 95 100
 174 61.3 50.6 76.0
 175 4.7 3.8 5.6





#72

4-Ethyltoluene

Concen: 0.185 ppbv

RT: 11.124 min Scan# 3409

Delta R.T. 0.003 min

Lab File: VL042198.D

Acq: 28 Mar 2025 01:57

Instrument :

MSVOA_1

ClientSampleId :

SSSG-B16-1-3262025

Tgt Ion:105 Resp: 14976

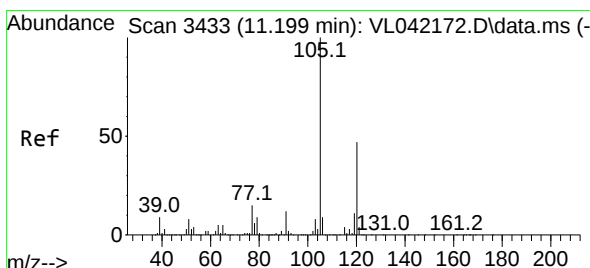
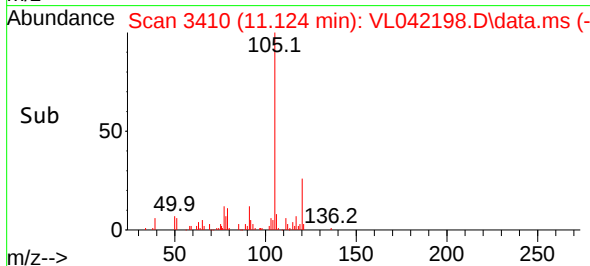
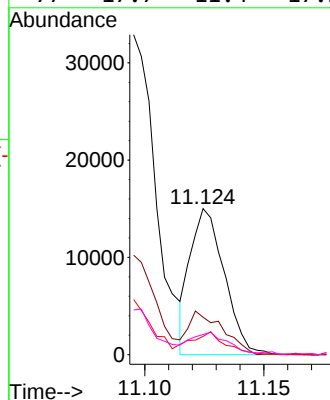
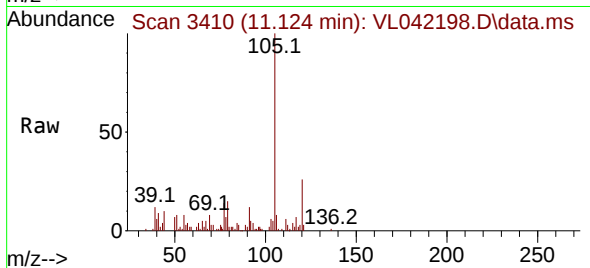
Ion Ratio Lower Upper

105 100

120 0.0 23.4 35.0#

91 0.0 10.3 15.5#

77 17.7 11.4 17.2#



#73

1,3,5-Trimethylbenzene

Concen: 0.203 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. 0.006 min

Lab File: VL042198.D

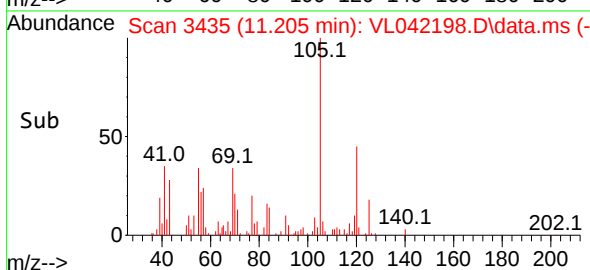
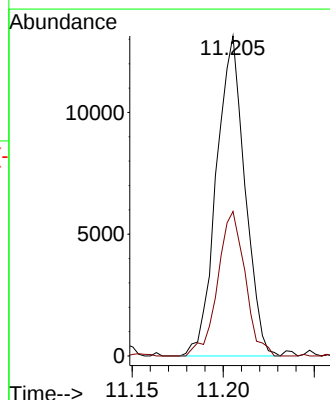
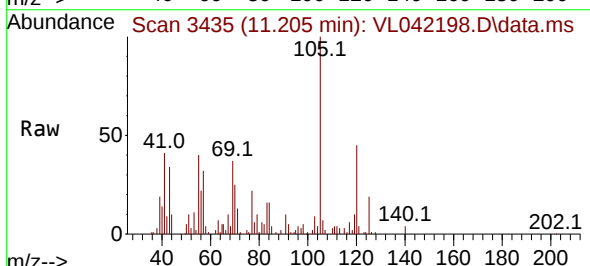
Acq: 28 Mar 2025 01:57

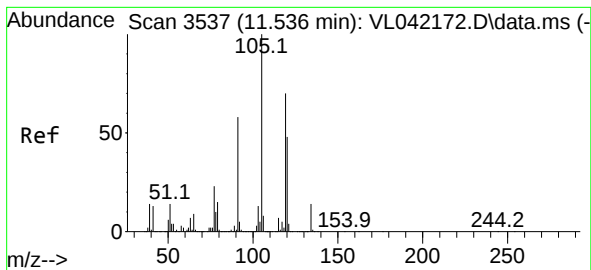
Tgt Ion:105 Resp: 14315

Ion Ratio Lower Upper

105 100

120 45.1 37.4 56.0





#74

1,2,4-Trimethylbenzene

Concen: 0.486 ppbv

RT: 11.536 min Scan# 3

Delta R.T. -0.000 min

Lab File: VL042198.D

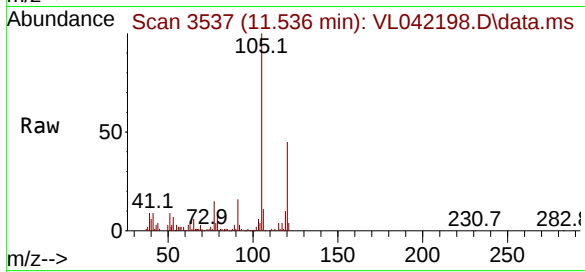
Acq: 28 Mar 2025 01:57

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B16-1-3262025



Tgt Ion:105 Resp: 39507

Ion Ratio Lower Upper

105 100

120 45.4 38.6 58.0

91 15.4 46.2 69.2#

77 14.6 18.6 27.8#

