

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043200.D
 Acq On : 13 Nov 2025 15:23
 Operator : SY/MD
 Sample : Q3627-04 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UNIT-8-SS-1

Quant Time: Nov 14 04:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	136843	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	359287	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	305253	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	240491	10.136	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	4950	0.254	ppbv	94
3) Chlorodifluoromethane	1.470	51	43083	2.047	ppbv #	61
4) Chloromethane	1.534	50	680	0.088	ppbv #	68
5) Vinyl Chloride	1.489	62	248	0.033	ppbv #	44
9) Propene	1.489	41	4022	0.431	ppbv	85
10) Heptane	4.994	43	1145	0.043	ppbv #	27
11) Trichlorofluoromethane	1.881	101	5775	0.303	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.146	101	630	0.041	ppbv #	72
13) Ethanol	1.725	45	148663	43.052	ppbv	99
15) Acetone	1.839	43	495885	26.885	ppbv	99
16) 1,3-Butadiene	1.606	39	2390	0.272	ppbv #	13
17) tert-Butyl alcohol	2.046	59	27295	1.078	ppbv	97
19) Isopropyl Alcohol	1.887	45	147301	12.823	ppbv #	18
20) Methylene Chloride	2.065	84	7894	1.083	ppbv	90
21) Allyl Chloride	2.062	41	496	0.036	ppbv #	21
23) Vinyl Acetate	2.483	43	2111	0.078	ppbv #	51
25) Ethyl Acetate	2.836	43	10062	0.220	ppbv #	87
26) Hexane	2.836	57	9409	0.446	ppbv #	45
27) Carbon Disulfide	2.156	76	8871	0.459	ppbv #	27
29) Chloroform	2.852	83	7245	0.237	ppbv	99
34) 2-Butanone	2.564	43	65335	2.705	ppbv	99
35) Carbon Tetrachloride	3.771	117	30208	1.169	ppbv	91
36) Benzene	3.664	78	4602	0.136	ppbv #	84
38) Trichloroethene	4.557	130	74909	5.300	ppbv	97
39) 1,2-Dichloropropane	3.965	63	91917	7.430	ppbv #	26
40) 1,4-Dioxane	4.606	88	280	0.051	ppbv #	1
41) Tetrahydrofuran	3.069	42	2943	0.218	ppbv #	65
50) 4-Methyl-2-Pentanone	5.771	43	2797	0.084	ppbv #	54
51) 2-Hexanone	7.438	43	3254	0.130	ppbv #	27
52) Tetrachloroethene	8.228	164	27051	2.217	ppbv	96
53) Toluene	6.943	91	7803	0.194	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	792	0.041	ppbv #	1
58) Ethyl Benzene	9.361	91	3525	0.067	ppbv	98
59) m/p-Xylene	9.539	91	6977	0.167	ppbv #	76
60) o-Xylene	9.969	91	3090	0.075	ppbv	70
61) Styrene	9.879	104	1645	0.088	ppbv	96
66) Benzyl Chloride	11.620	91	696	0.095	ppbv #	1
67) sec-Butylbenzene	11.782	105	5563	0.060	ppbv #	1
69) p-Isopropyltoluene	11.927	119	2918	0.037	ppbv #	92
73) 1,3,5-Trimethylbenzene	11.209	105	1471	0.035	ppbv #	70
74) 1,2,4-Trimethylbenzene	11.545	105	2343	0.050	ppbv #	47
79) Naphthalene	13.516	128	2529	0.052	ppbv #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
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Operator : SY/MD
Sample : Q3627-04 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
UNIT-8-SS-1

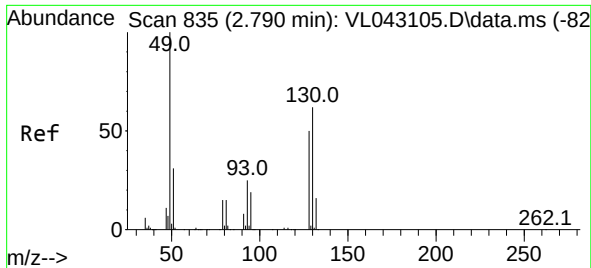
Quant Time: Nov 14 04:40:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Nov 14 04:40:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.793 min Scan# 835

Delta R.T. 0.003 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_L

ClientSampleId :

UNIT-8-SS-1

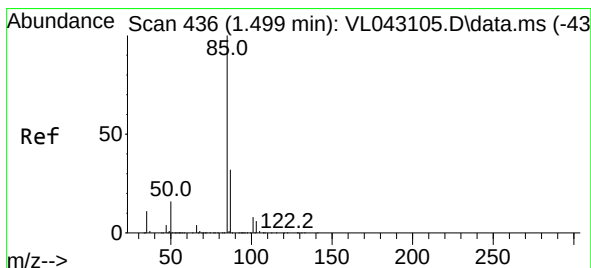
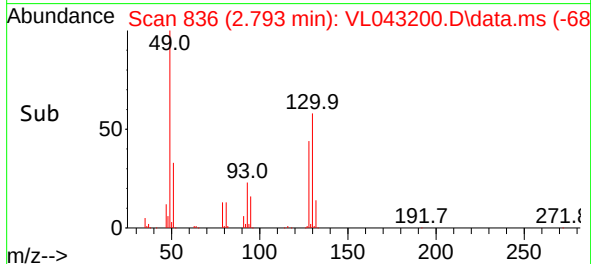
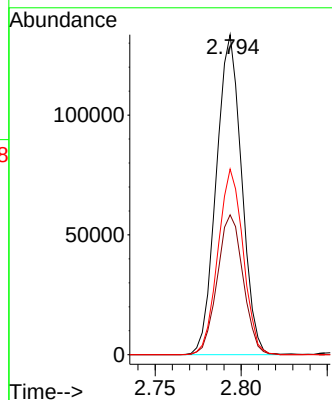
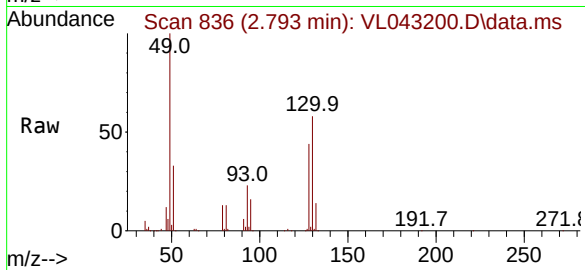
Tgt Ion: 49 Resp: 136843

Ion Ratio Lower Upper

49 100

128 44.5 24.4 73.4

130 57.7 31.0 93.0



#2

Dichlorodifluoromethane

Concen: 0.254 ppbv

RT: 1.502 min Scan# 437

Delta R.T. 0.003 min

Lab File: VL043200.D

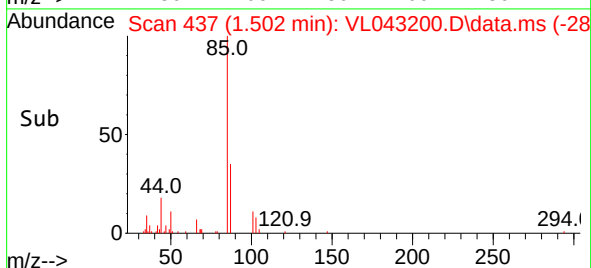
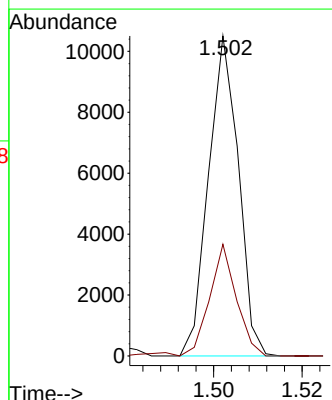
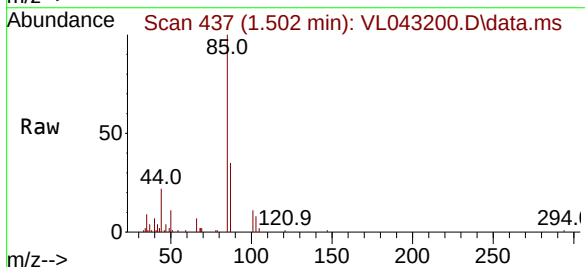
Acq: 13 Nov 2025 15:23

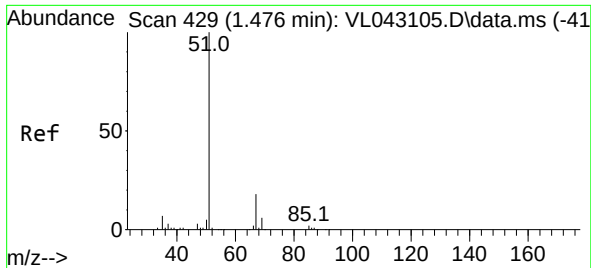
Tgt Ion: 85 Resp: 4950

Ion Ratio Lower Upper

85 100

87 34.9 25.3 37.9

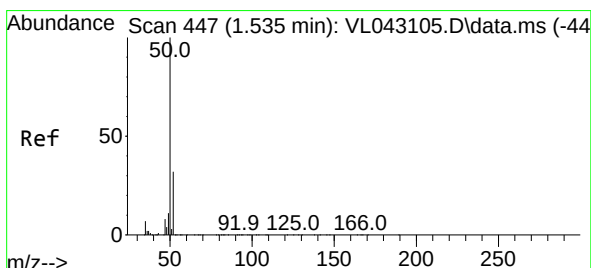
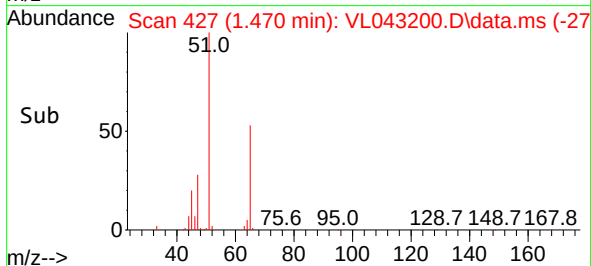
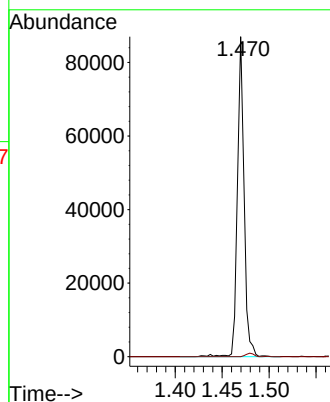
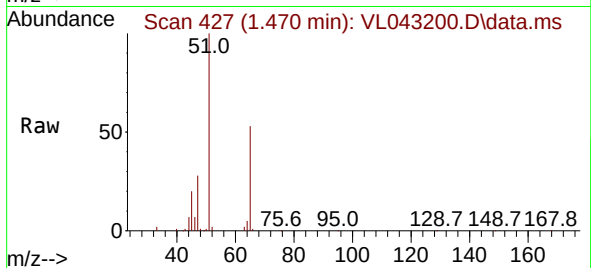




#3
Chlorodifluoromethane
Concen: 2.047 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

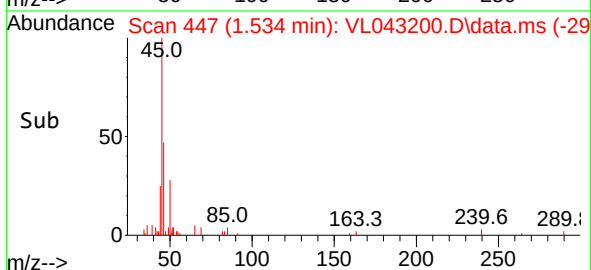
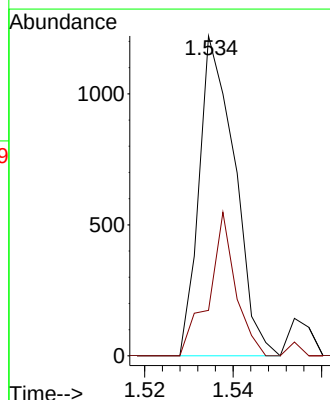
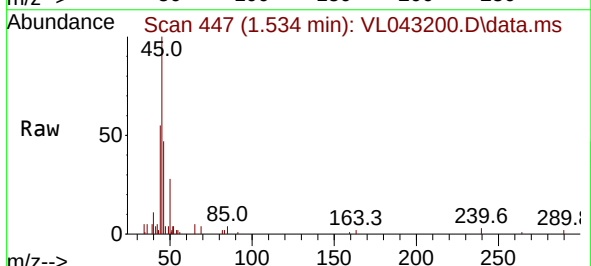
Instrument :
MSVOA_L
ClientSampleId :
UNIT-8-SS-1

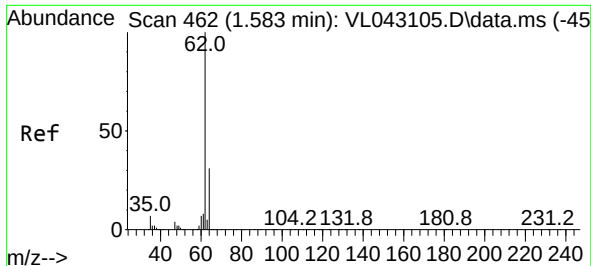
Tgt Ion: 51 Resp: 43083
Ion Ratio Lower Upper
51 100
67 1.3 15.1 22.7#



#4
Chloromethane
Concen: 0.088 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 13.5 25.2 37.8#

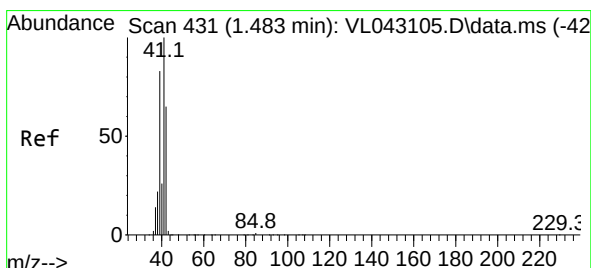
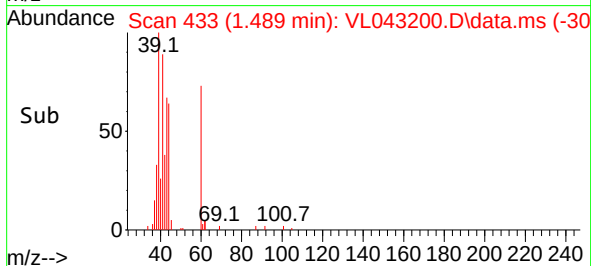
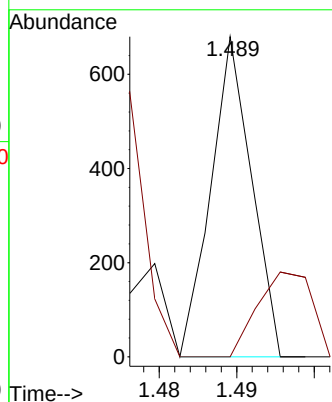
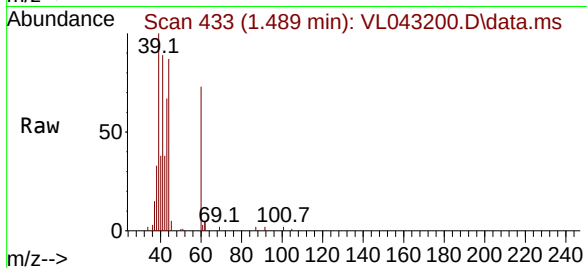




#5
 Vinyl Chloride
 Concen: 0.033 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.094 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

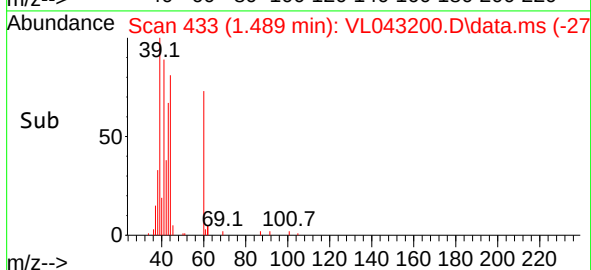
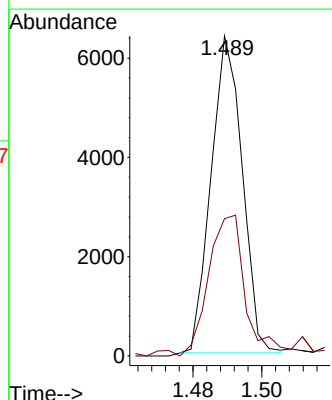
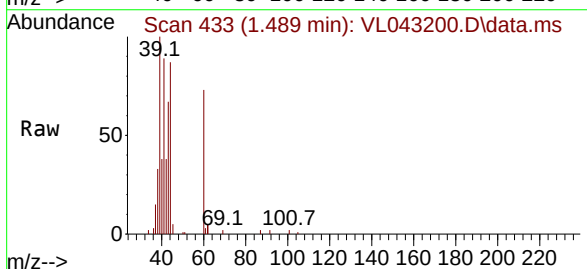
Instrument :
 MSVOA_1
 ClientSampleId :
 UNIT-8-SS-1

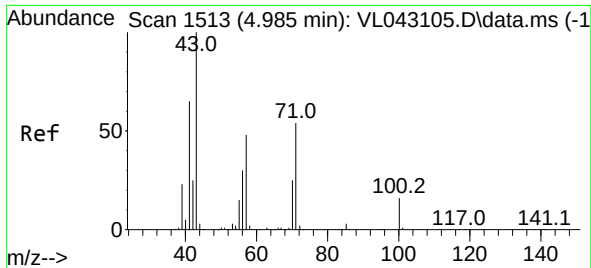
Tgt Ion: 62 Resp: 248
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.6 36.8#



#9
 Propene
 Concen: 0.431 ppbv
 RT: 1.489 min Scan# 433
 Delta R.T. 0.006 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

Tgt Ion: 41 Resp: 4022
 Ion Ratio Lower Upper
 41 100
 42 56.5 55.1 82.7





#10

Heptane

Concen: 0.043 ppbv

RT: 4.994 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_L

ClientSampleId :

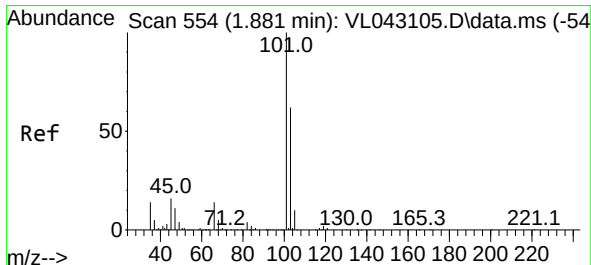
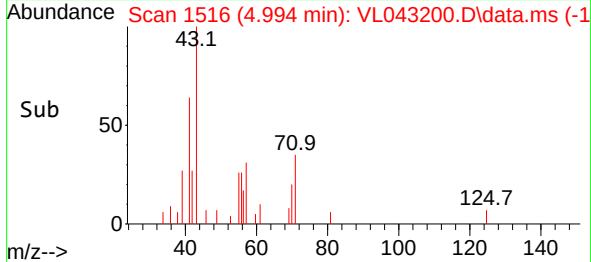
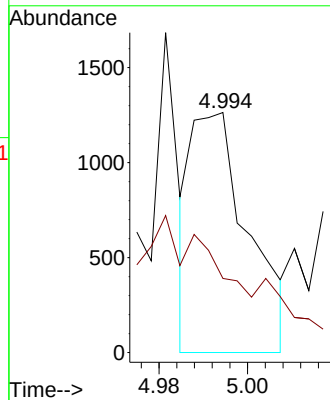
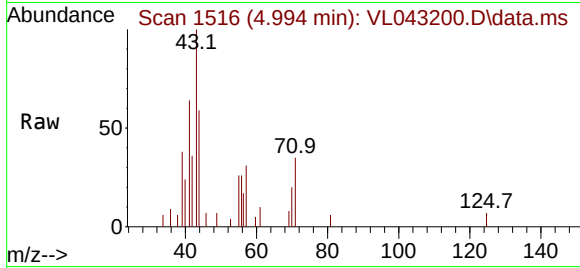
UNIT-8-SS-1

Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

57 0.0 40.8 61.2#



#11

Trichlorofluoromethane

Concen: 0.303 ppbv

RT: 1.881 min Scan# 554

Delta R.T. -0.000 min

Lab File: VL043200.D

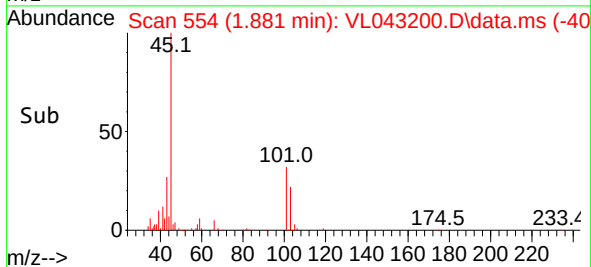
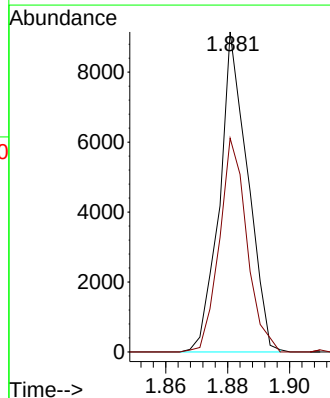
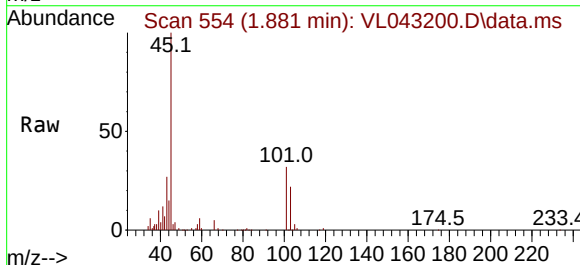
Acq: 13 Nov 2025 15:23

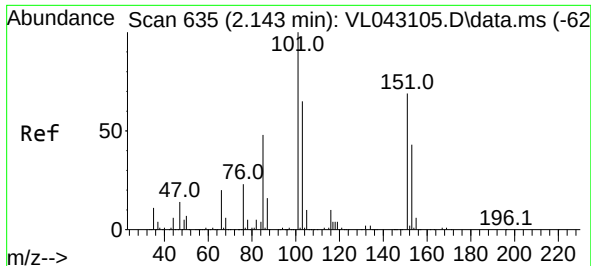
Tgt Ion: 101 Resp: 5775

Ion Ratio Lower Upper

101 100

103 66.8 49.3 73.9

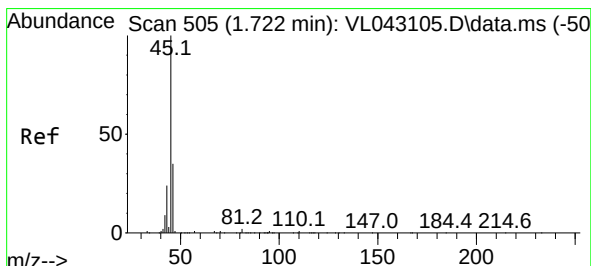
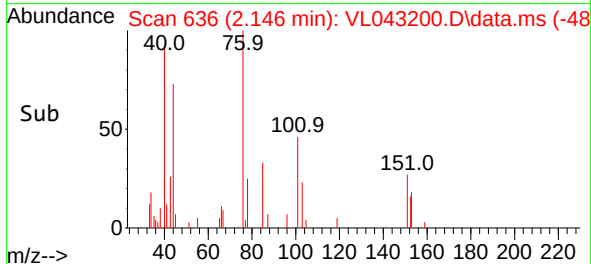
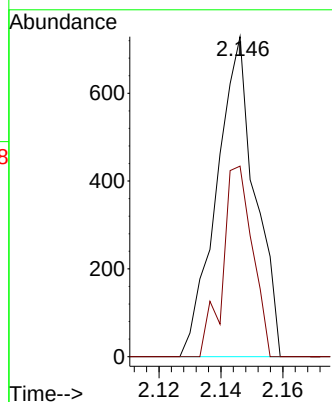
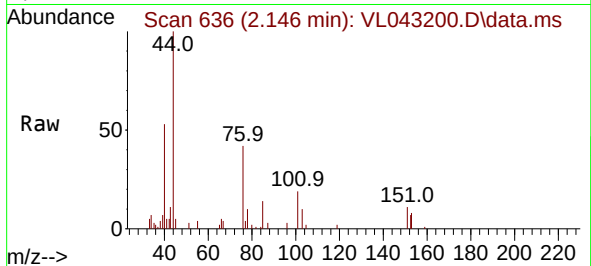




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.041 ppbv
RT: 2.146 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

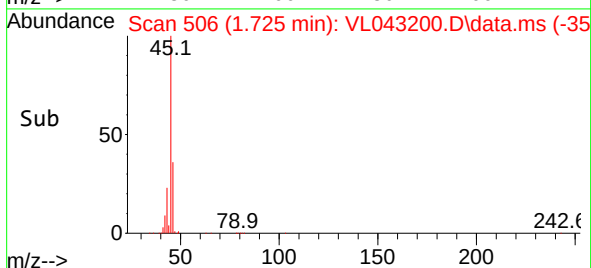
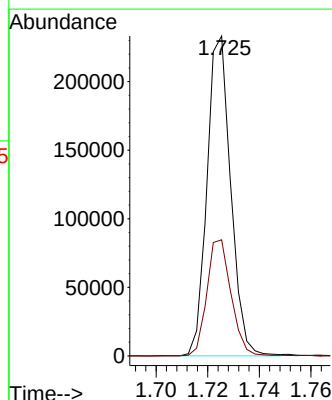
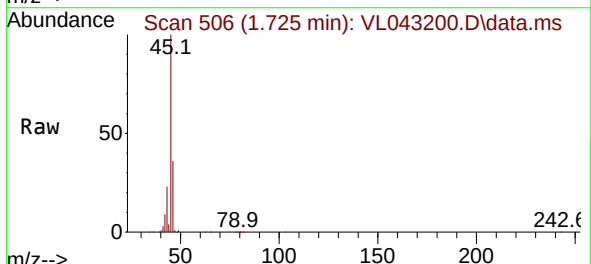
Instrument :
MSVOA_1
ClientSampleId :
UNIT-8-SS-1

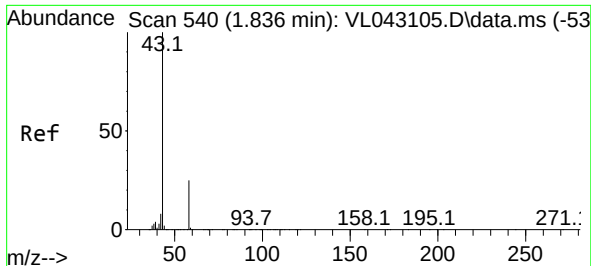
Tgt Ion:101 Resp: 630
Ion Ratio Lower Upper
101 100
151 45.9 54.7 82.1#



#13
Ethanol
Concen: 43.052 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 45 Resp: 148663
Ion Ratio Lower Upper
45 100
46 37.5 14.7 58.9

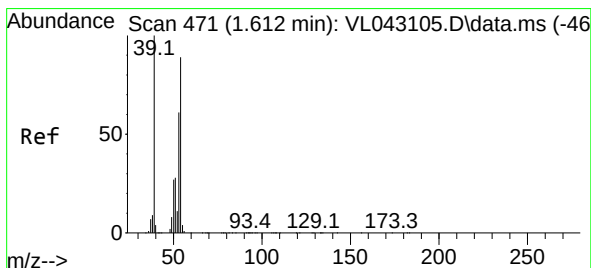
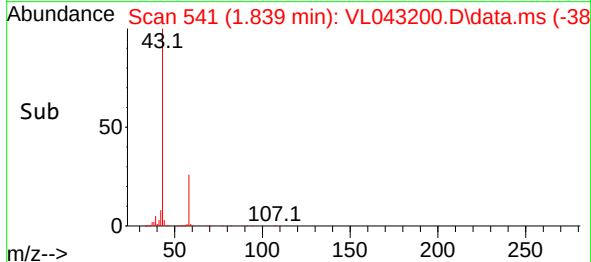
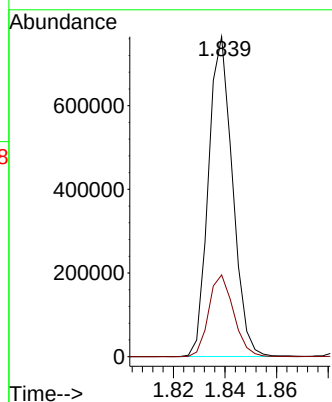
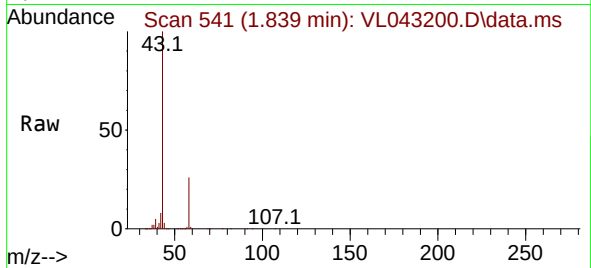




#15
Acetone
Concen: 26.885 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

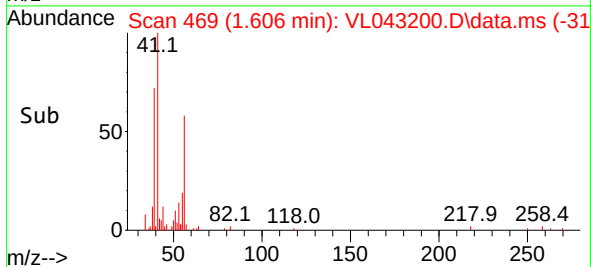
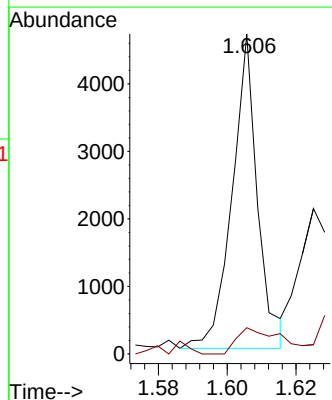
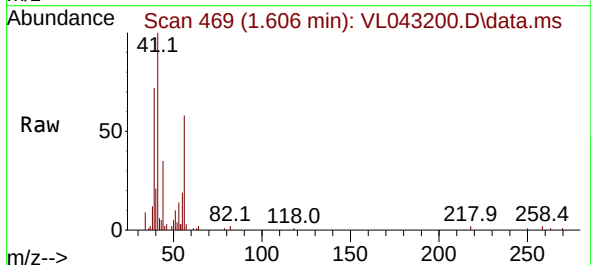
Instrument :
MSVOA_1
ClientSampleId :
UNIT-8-SS-1

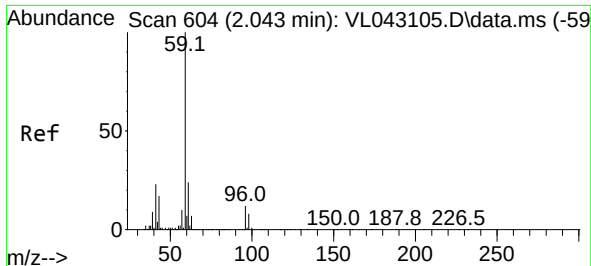
Tgt Ion: 43 Resp: 495885
Ion Ratio Lower Upper
43 100
58 26.4 20.8 31.2



#16
1,3-Butadiene
Concen: 0.272 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.007 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 39 Resp: 2390
Ion Ratio Lower Upper
39 100
54 0.0 59.0 88.4#





#17

tert-Butyl alcohol

Concen: 1.078 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_1

ClientSampleId :

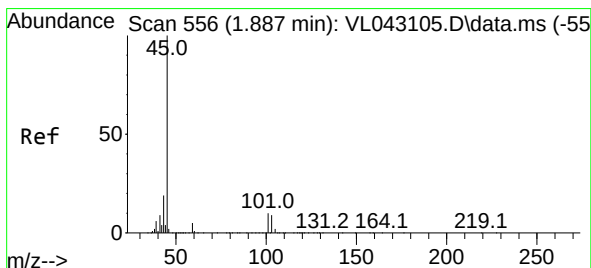
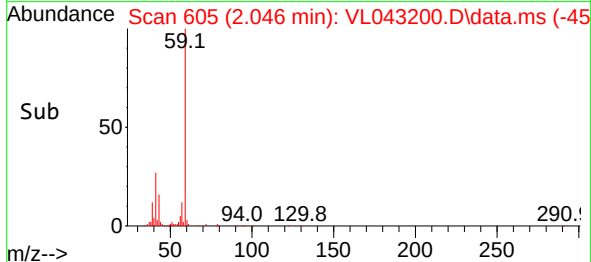
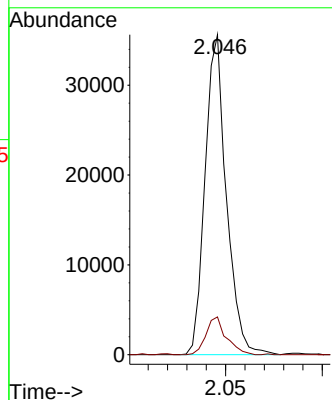
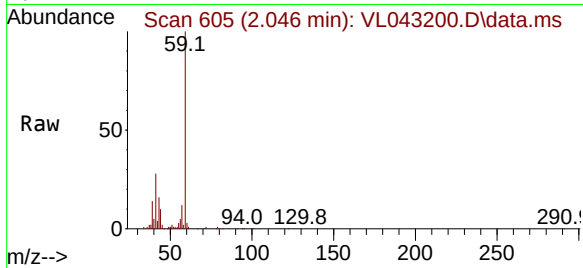
UNIT-8-SS-1

Tgt Ion: 59 Resp: 27295

Ion Ratio Lower Upper

59 100

57 11.4 8.2 12.4



#19

Isopropyl Alcohol

Concen: 12.823 ppbv

RT: 1.887 min Scan# 556

Delta R.T. -0.000 min

Lab File: VL043200.D

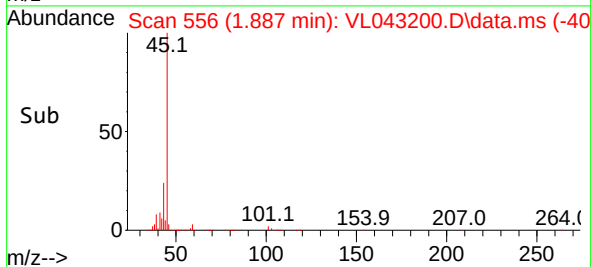
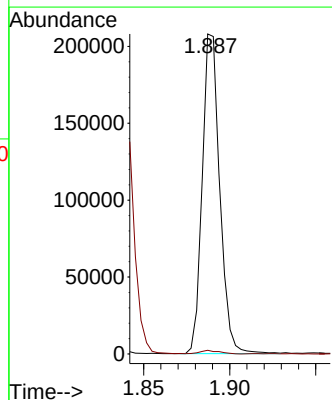
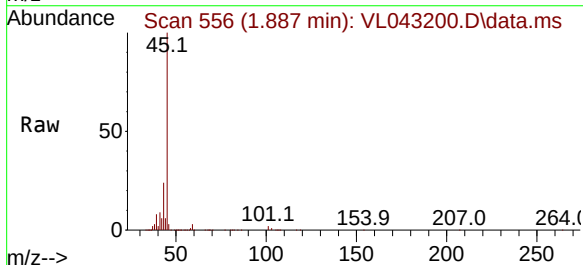
Acq: 13 Nov 2025 15:23

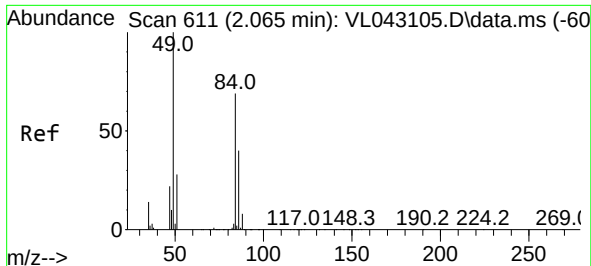
Tgt Ion: 45 Resp: 147301

Ion Ratio Lower Upper

45 100

58 89.0 31.3 46.9





#20

Methylene Chloride

Concen: 1.083 ppbv

RT: 2.065 min Scan# 611

Delta R.T. -0.000 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_1

ClientSampleId :

UNIT-8-SS-1

Tgt Ion: 84 Resp: 7894

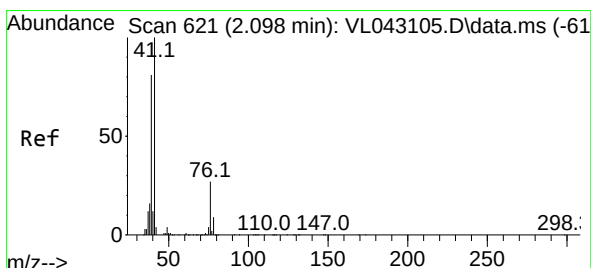
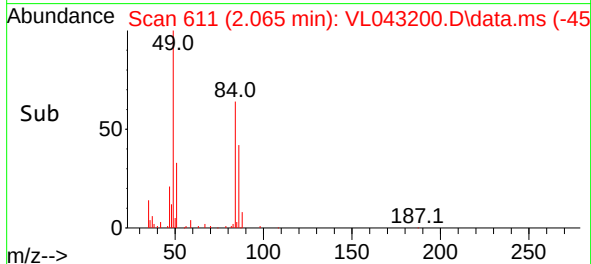
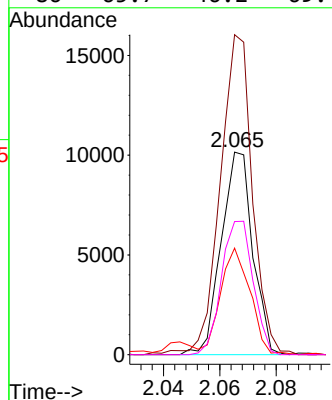
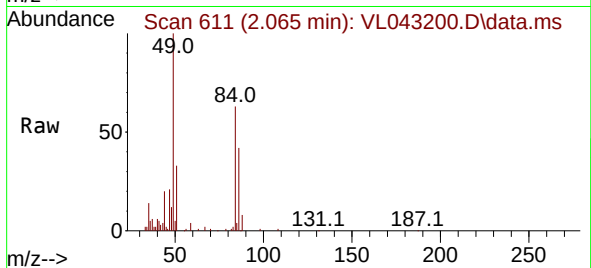
Ion Ratio Lower Upper

84 100

49 156.1 116.6 175.0

51 51.4 34.8 52.2

86 65.7 46.2 69.4



#21

Allyl Chloride

Concen: 0.036 ppbv

RT: 2.062 min Scan# 610

Delta R.T. -0.036 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

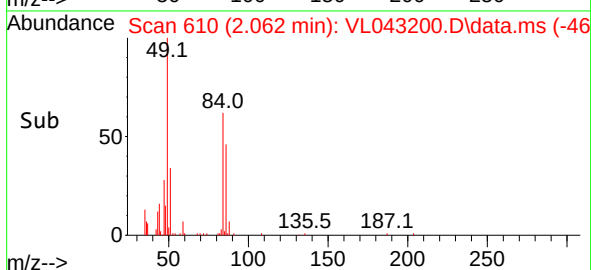
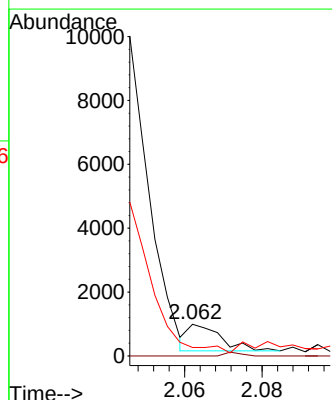
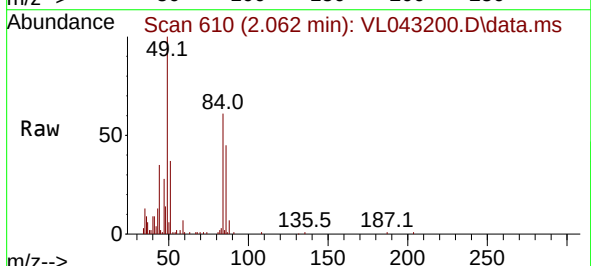
Tgt Ion: 41 Resp: 496

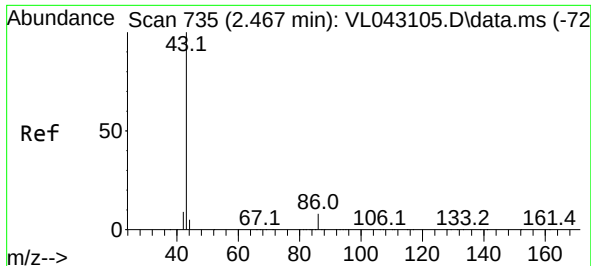
Ion Ratio Lower Upper

41 100

76 0.0 21.5 32.3#

39 0.0 60.8 91.2#

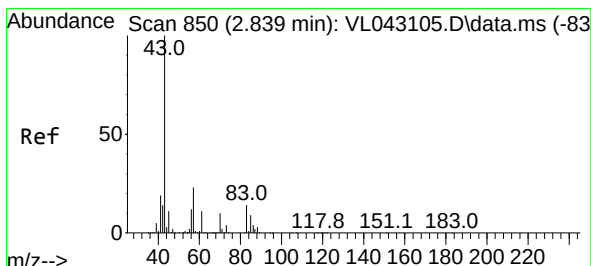
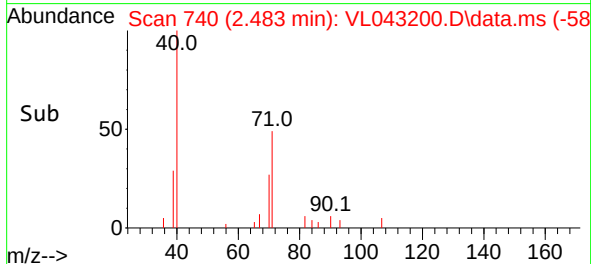
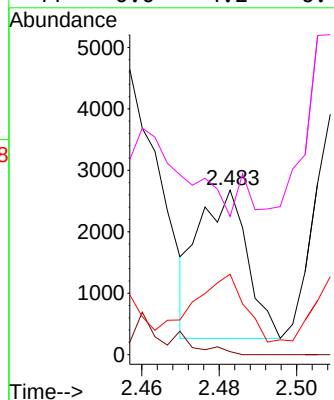
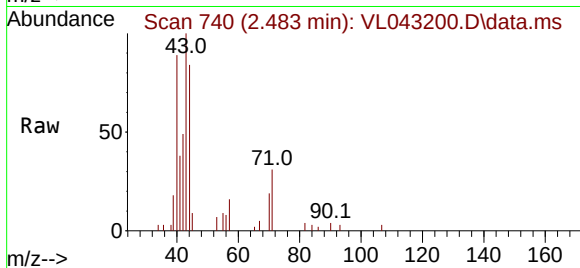




#23
 Vinyl Acetate
 Concen: 0.078 ppbv
 RT: 2.483 min Scan# 740
 Delta R.T. 0.016 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

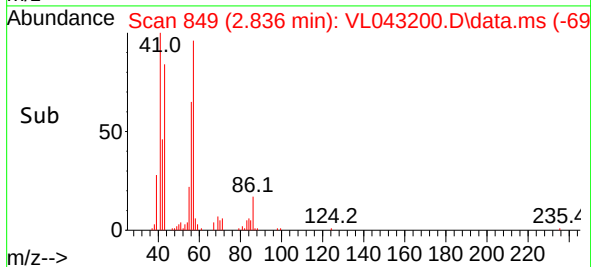
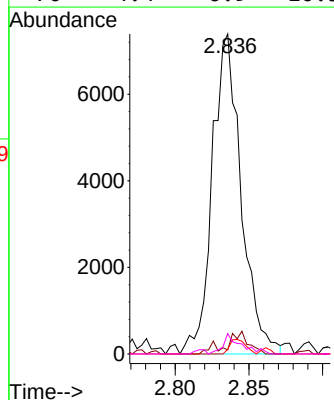
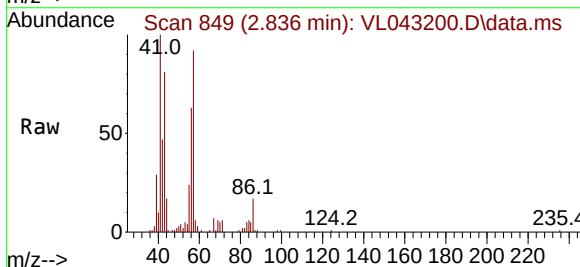
Instrument :
 MSVOA_1
 ClientSampleId :
 UNIT-8-SS-1

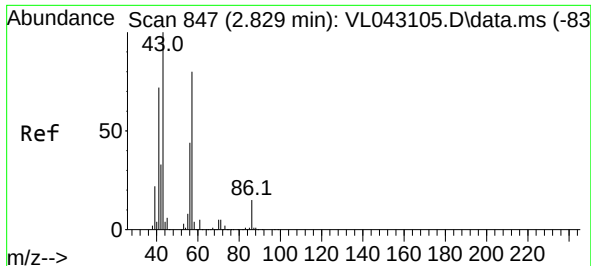
Tgt Ion: 43	Resp: 2111
Ion Ratio	Lower Upper
43 100	
86 2.1	6.2 9.2#
42 44.3	7.6 11.4#
44 0.0	4.2 6.4#



#25
 Ethyl Acetate
 Concen: 0.220 ppbv
 RT: 2.836 min Scan# 849
 Delta R.T. -0.003 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

Tgt	Ion: 43	Resp:	10062
Ion	Ratio	Lower	Upper
43	100		
45	5.3	7.8	11.8#
61	3.1	7.0	10.6#
70	4.4	6.9	10.3#

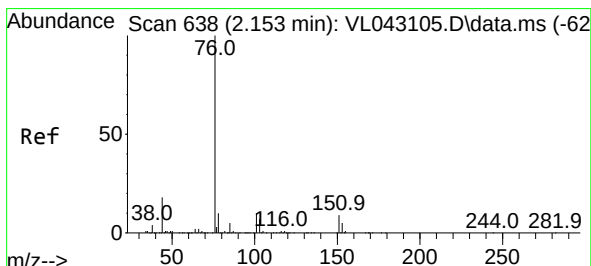
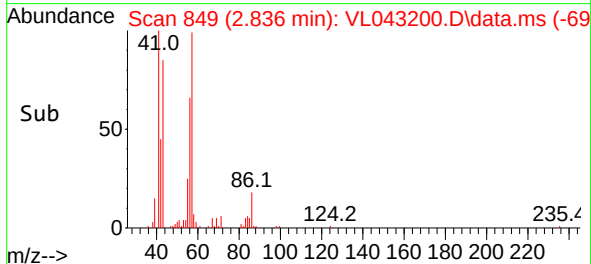
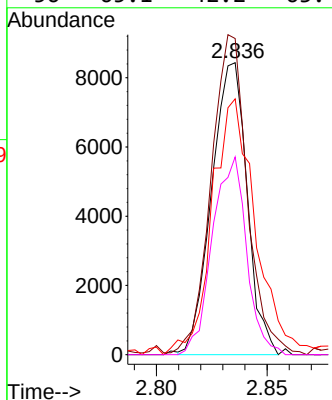
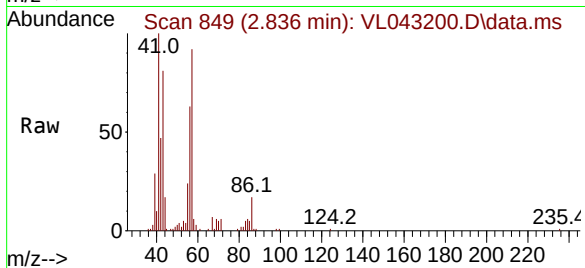




#26
Hexane
Concen: 0.446 ppbv
RT: 2.836 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

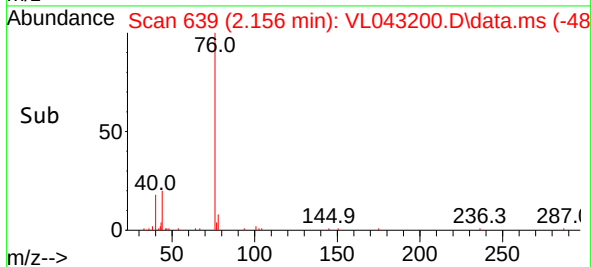
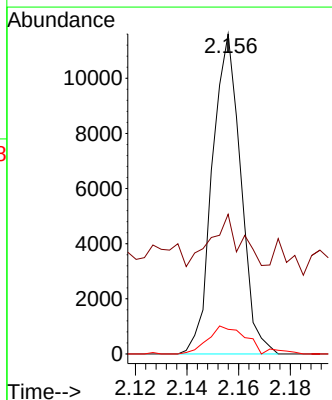
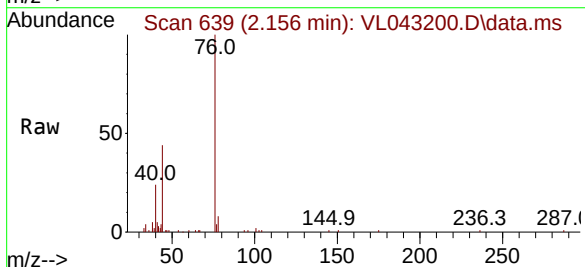
Instrument :
MSVOA_1
ClientSampleId :
UNIT-8-SS-1

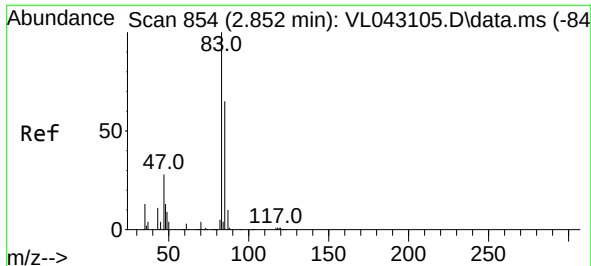
Tgt Ion: 57 Resp: 9409
Ion Ratio Lower Upper
57 100
41 117.2 71.4 107.0#
43 102.4 178.5 267.7#
56 65.1 42.2 63.4#



#27
Carbon Disulfide
Concen: 0.459 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 76 Resp: 8871
Ion Ratio Lower Upper
76 100
44 73.3 16.7 25.1#
78 12.3 9.3 13.9





#29

Chloroform

Concen: 0.237 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_L

ClientSampleId :

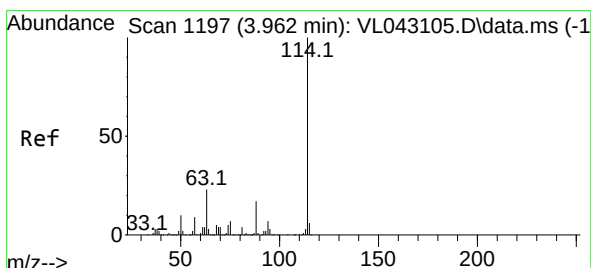
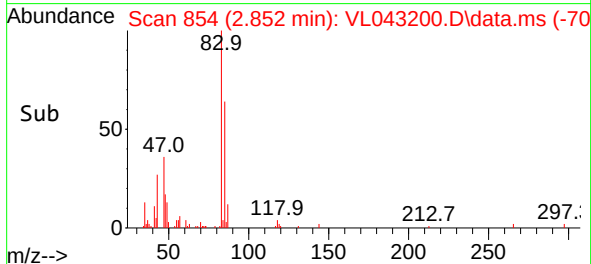
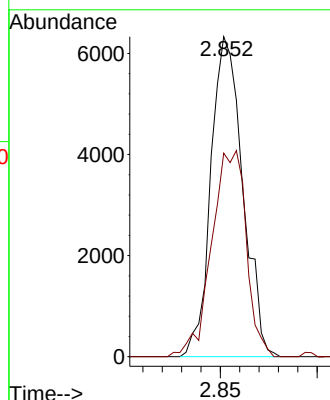
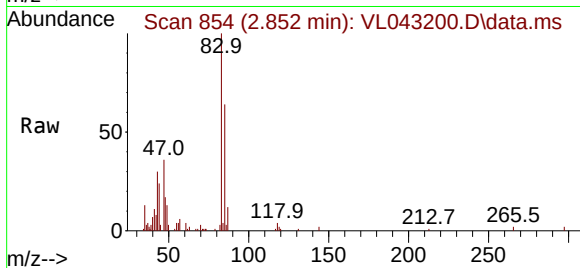
UNIT-8-SS-1

Tgt Ion: 83 Resp: 7245

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.003 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

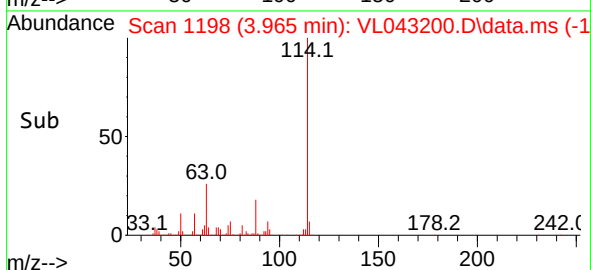
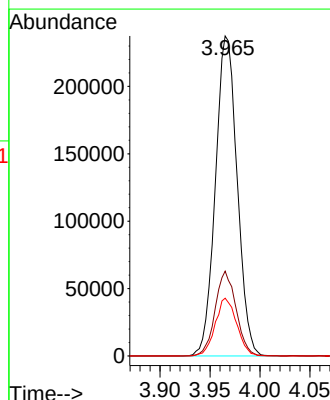
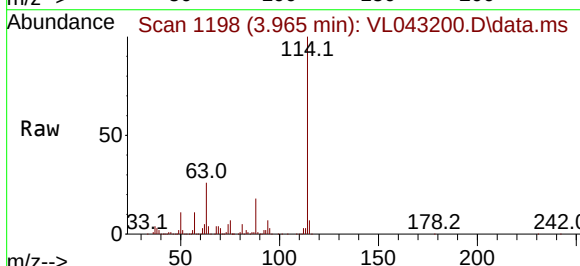
Tgt Ion: 114 Resp: 359287

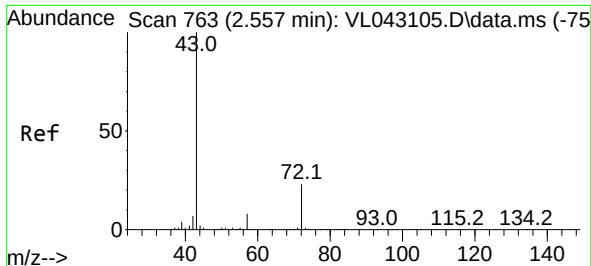
Ion Ratio Lower Upper

114 100

63 25.6 19.3 28.9

88 17.8 13.9 20.9

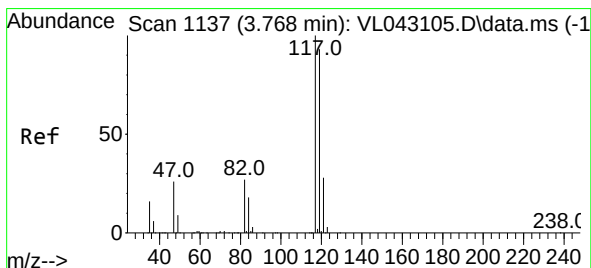
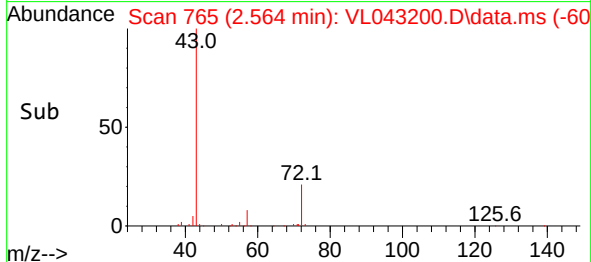
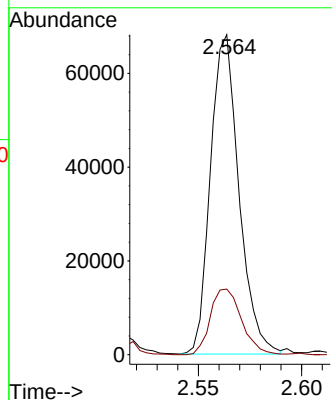
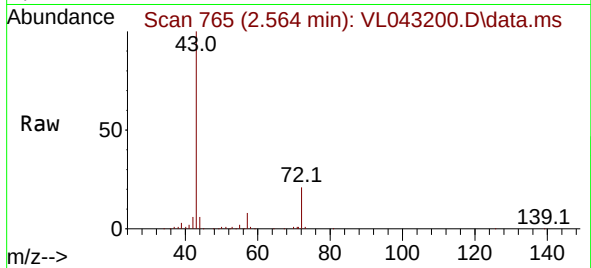




#34
2-Butanone
Concen: 2.705 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.006 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

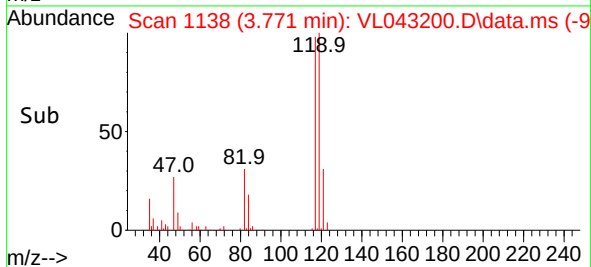
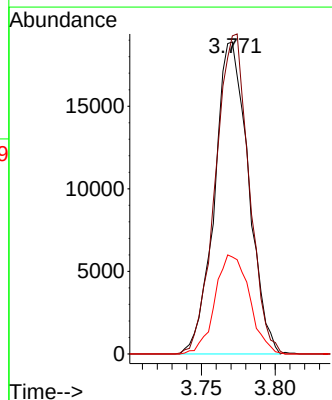
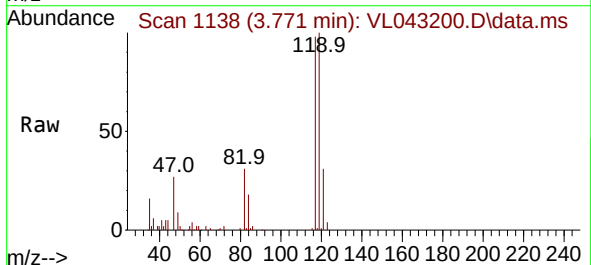
Instrument :
MSVOA_L
ClientSampleId :
UNIT-8-SS-1

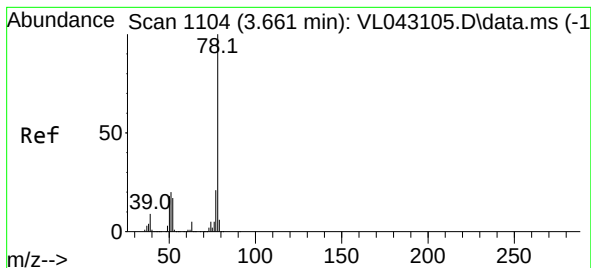
Tgt Ion: 43 Resp: 65335
Ion Ratio Lower Upper
43 100
72 22.7 18.4 27.6



#35
Carbon Tetrachloride
Concen: 1.169 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 117 Resp: 30208
Ion Ratio Lower Upper
117 100
119 101.6 74.1 111.1
121 31.1 22.2 33.2





#36

Benzene

Concen: 0.136 ppbv

RT: 3.664 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_L

ClientSampleId :

UNIT-8-SS-1

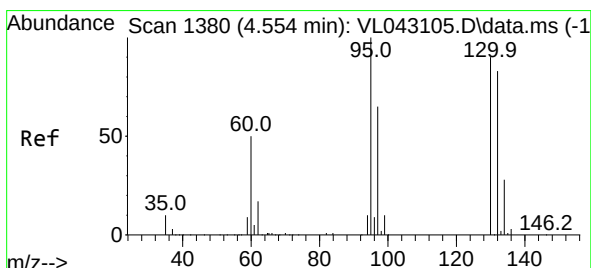
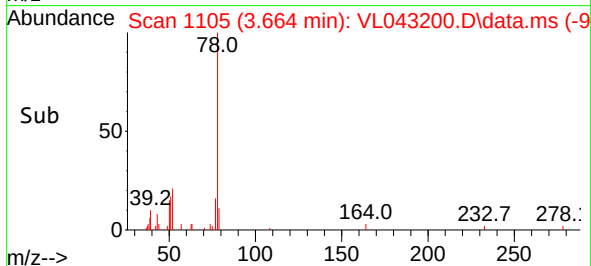
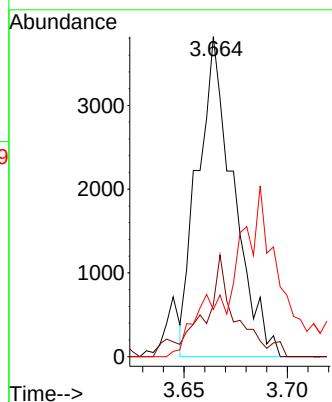
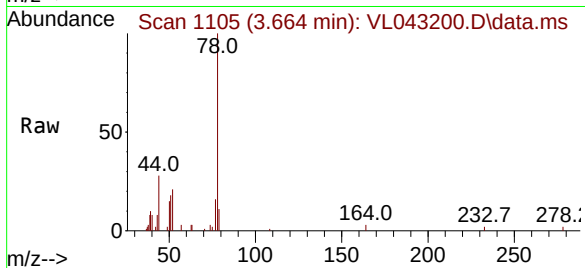
Tgt Ion: 78 Resp: 4602

Ion Ratio Lower Upper

78 100

77 12.3 17.0 25.6#

50 12.6 14.6 22.0#



#38

Trichloroethene

Concen: 5.300 ppbv

RT: 4.557 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Tgt Ion:130 Resp: 74909

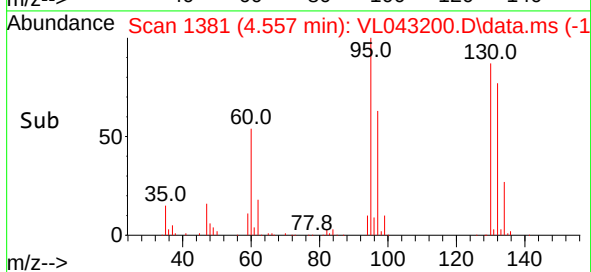
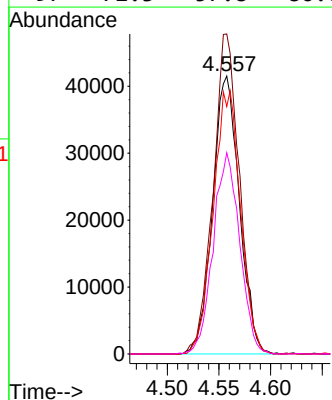
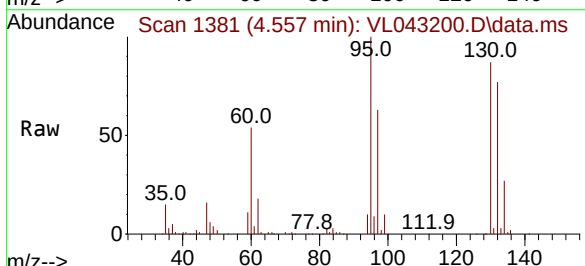
Ion Ratio Lower Upper

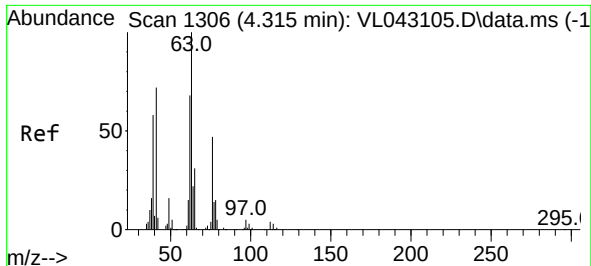
130 100

95 115.1 88.6 133.0

132 89.1 73.4 110.0

97 72.3 57.8 86.6





#39

1,2-Dichloropropane

Concen: 7.430 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.350 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_1

ClientSampleId :

UNIT-8-SS-1

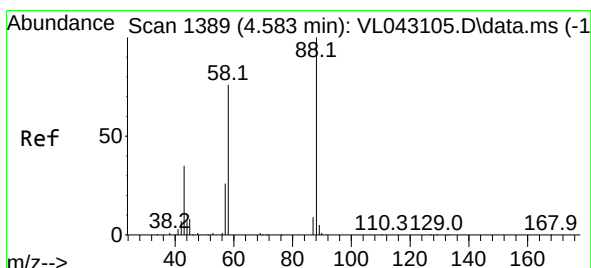
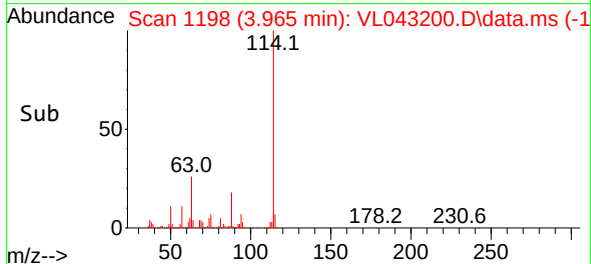
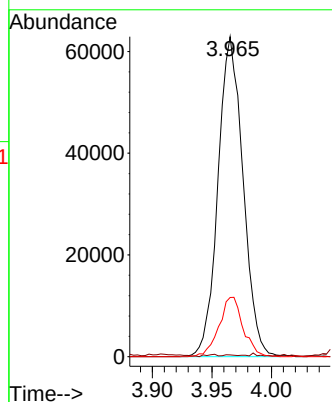
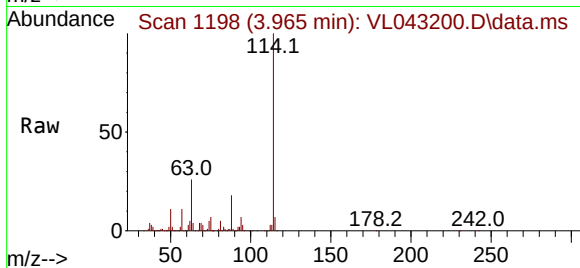
Tgt Ion: 63 Resp: 91917

Ion Ratio Lower Upper

63 100

41 0.2 58.0 87.0#

62 18.5 54.7 82.1#



#40

1,4-Dioxane

Concen: 0.051 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. 0.023 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Tgt Ion: 88 Resp: 280

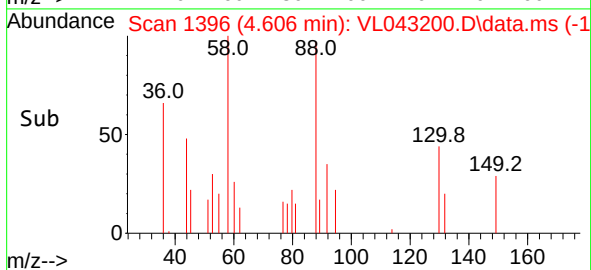
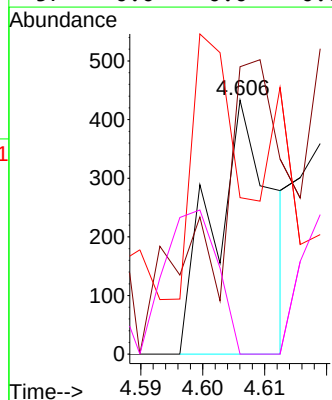
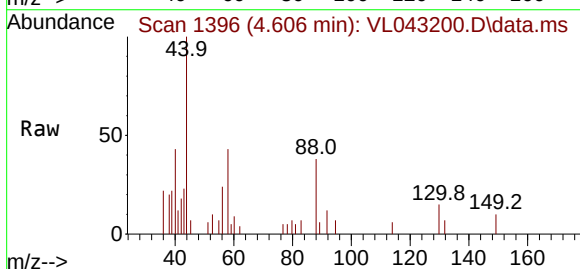
Ion Ratio Lower Upper

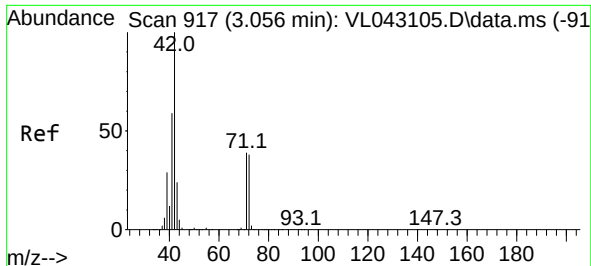
88 100

58 0.0 61.1 91.7#

43 279.6 24.0 36.0#

57 0.0 0.0 0.0

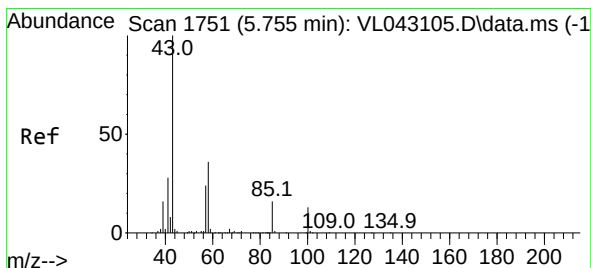
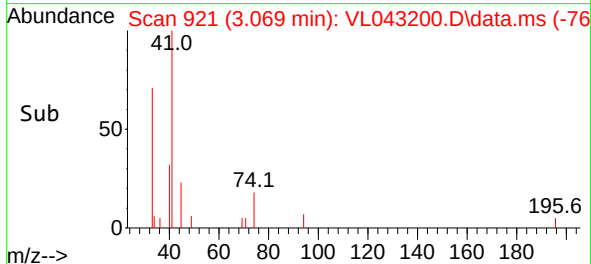
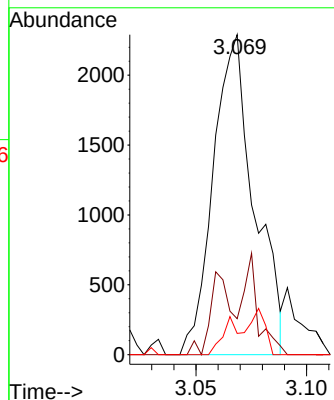
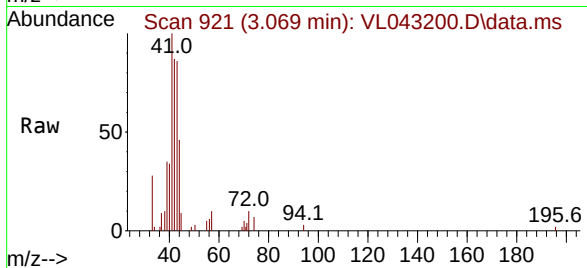




#41
Tetrahydrofuran
Concen: 0.218 ppbv
RT: 3.069 min Scan# 917
Delta R.T. 0.013 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

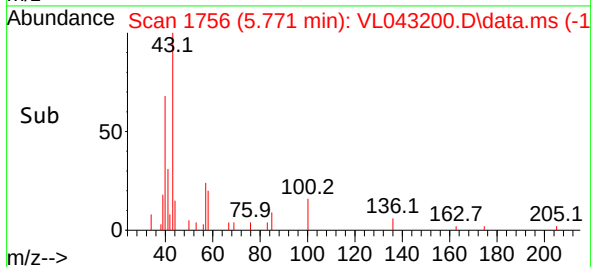
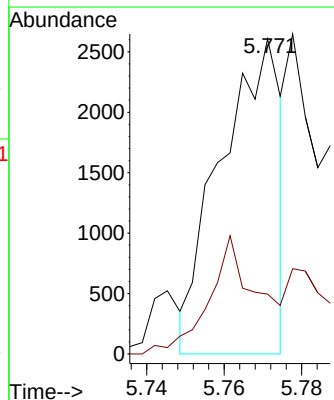
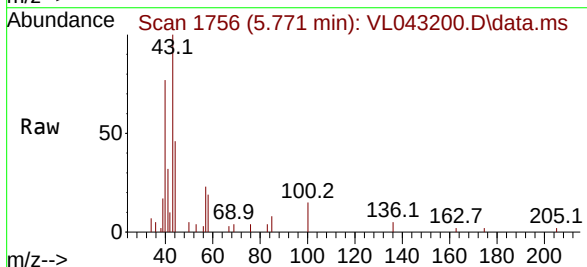
Instrument :
MSVOA_1
ClientSampleId :
UNIT-8-SS-1

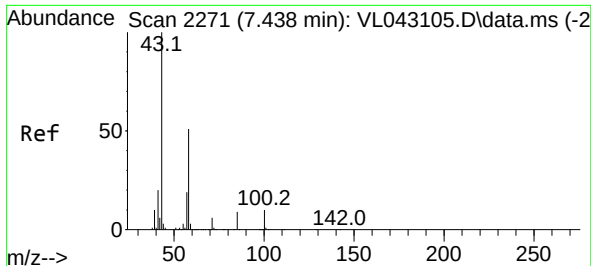
Tgt Ion: 42 Resp: 2943
Ion Ratio Lower Upper
42 100
72 24.3 31.3 46.9#
71 10.2 30.4 45.6#



#50
4-Methyl-2-Pentanone
Concen: 0.084 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. 0.016 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 43 Resp: 2797
Ion Ratio Lower Upper
43 100
58 63.6 29.1 43.7#

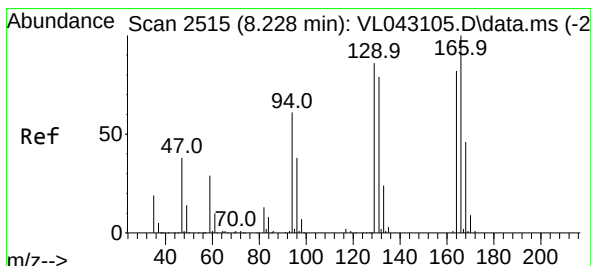
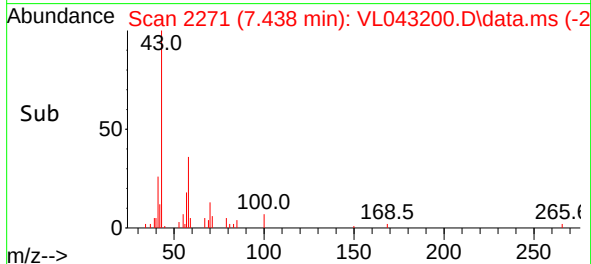
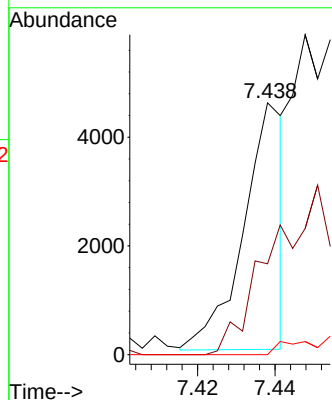
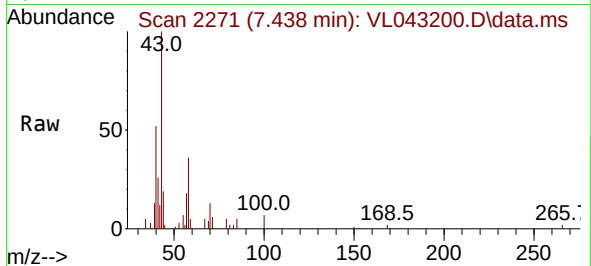




#51
2-Hexanone
Concen: 0.130 ppbv
RT: 7.438 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

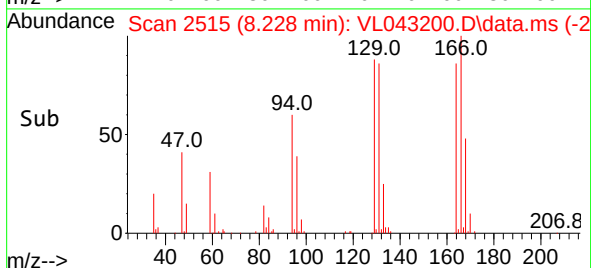
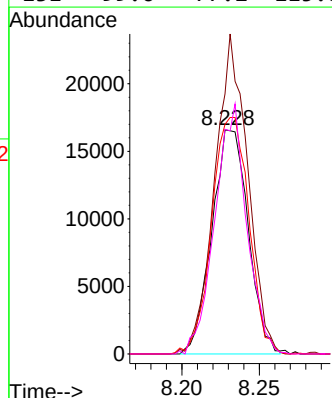
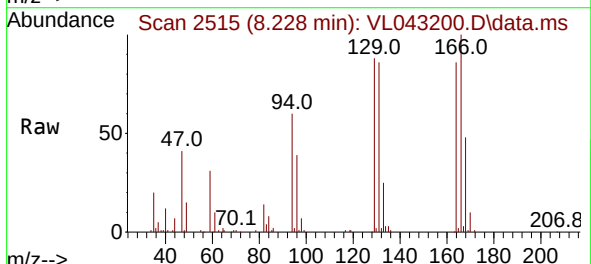
Instrument :
MSVOA_L
ClientSampleId :
UNIT-8-SS-1

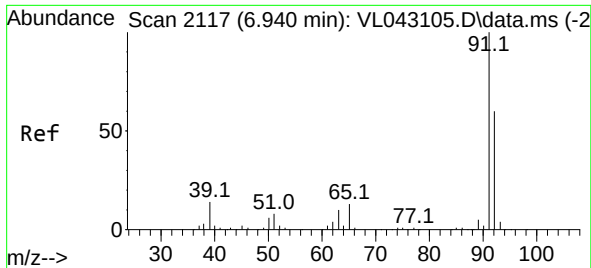
Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
58 0.0 40.4 60.6#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 2.217 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 164 Resp: 27051
Ion Ratio Lower Upper
164 100
166 115.4 97.6 146.4
129 101.7 84.5 126.7
131 99.6 77.2 115.8

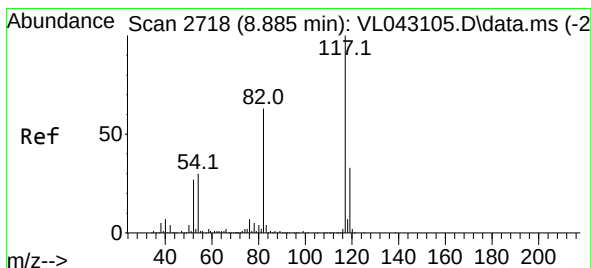
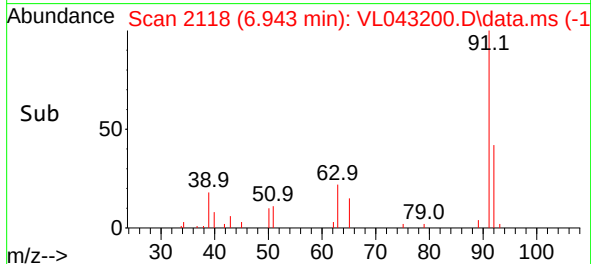
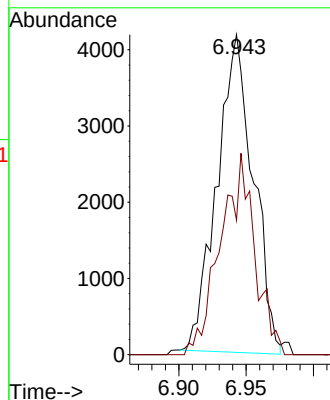
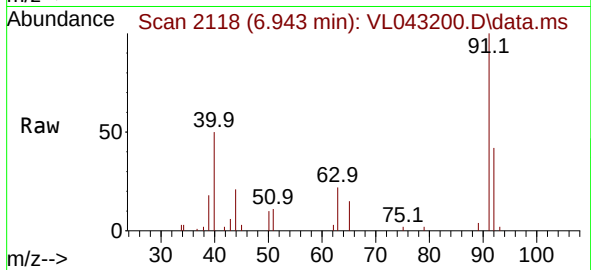




#53
Toluene
Concen: 0.194 ppbv
RT: 6.943 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

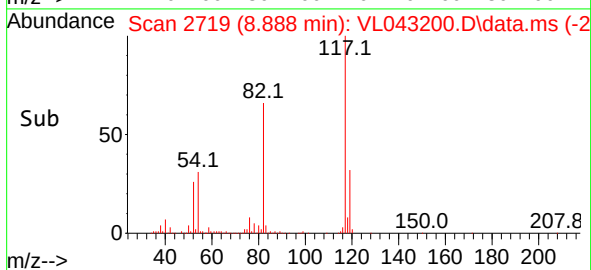
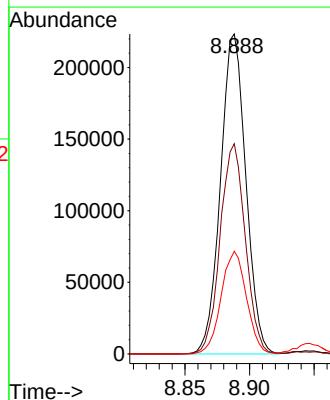
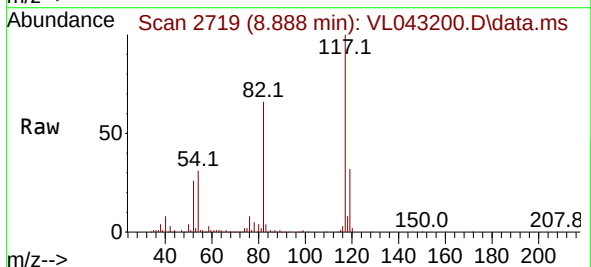
Instrument :
MSVOA_L
ClientSampleId :
UNIT-8-SS-1

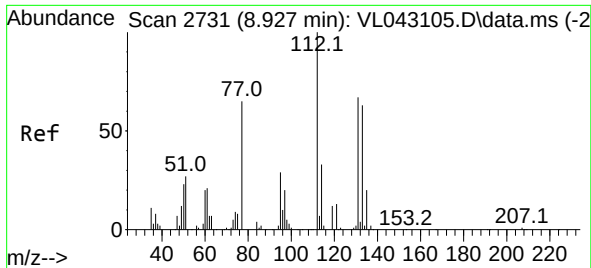
Tgt Ion: 91 Resp: 7803
Ion Ratio Lower Upper
91 100
92 59.9 48.8 73.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 117 Resp: 305253
Ion Ratio Lower Upper
117 100
82 65.1 53.8 80.8
119 32.0 25.4 38.0

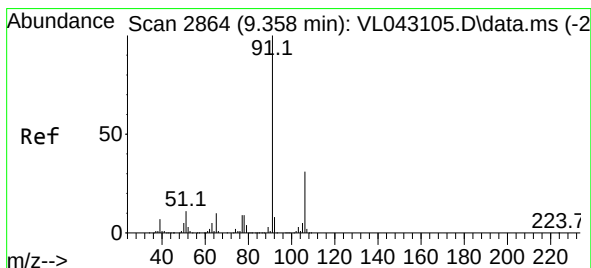
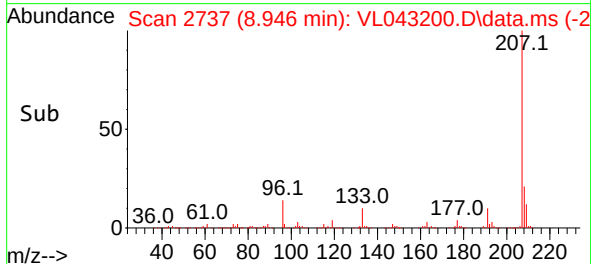
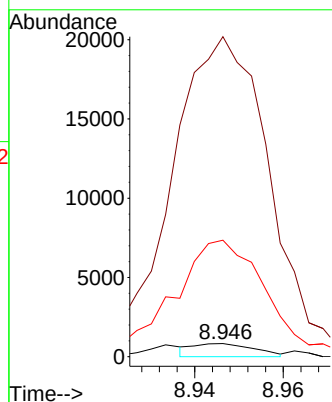
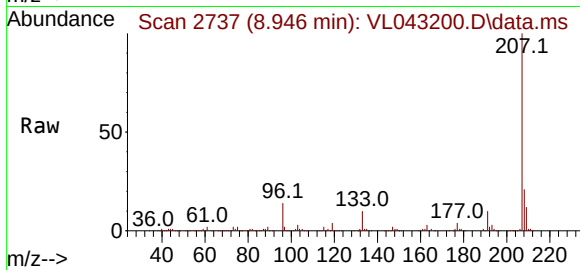




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.041 ppbv
 RT: 8.946 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

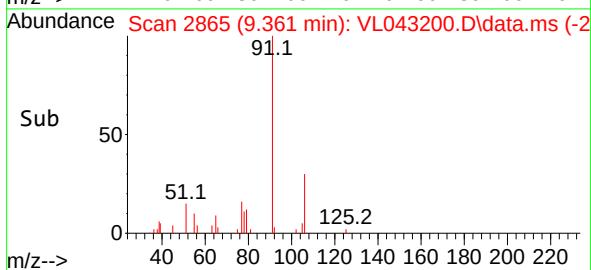
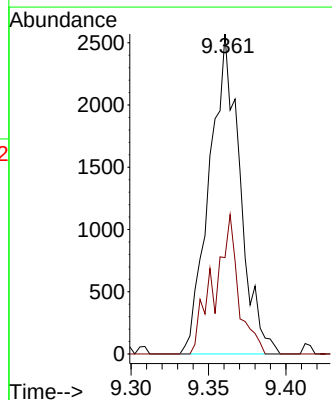
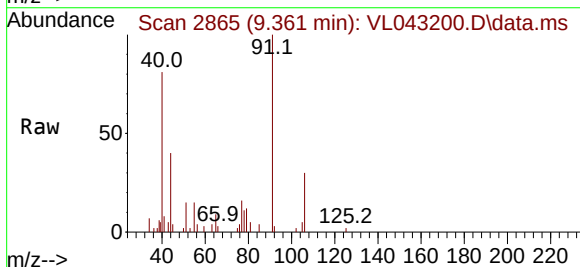
Instrument :
 MSVOA_1
 ClientSampleId :
 UNIT-8-SS-1

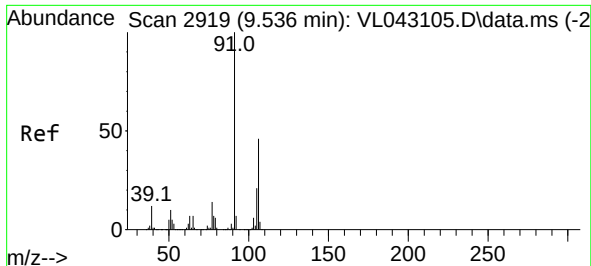
Tgt Ion:131 Resp: 792
 Ion Ratio Lower Upper
 131 100
 133 4002.0 75.7 113.5#
 119 1338.5 50.6 76.0#



#58
 Ethyl Benzene
 Concen: 0.067 ppbv
 RT: 9.361 min Scan# 2865
 Delta R.T. 0.003 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

Tgt Ion: 91 Resp: 3525
 Ion Ratio Lower Upper
 91 100
 106 30.1 24.8 37.2





#59

m/p-Xylene

Concen: 0.167 ppbv

RT: 9.539 min Scan# 2919

Delta R.T. 0.003 min

Lab File: VL043200.D

Acq: 13 Nov 2025 15:23

Instrument :

MSVOA_1

ClientSampleId :

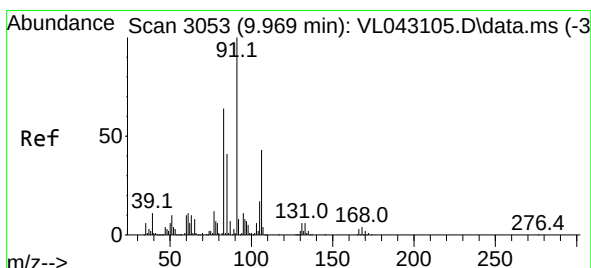
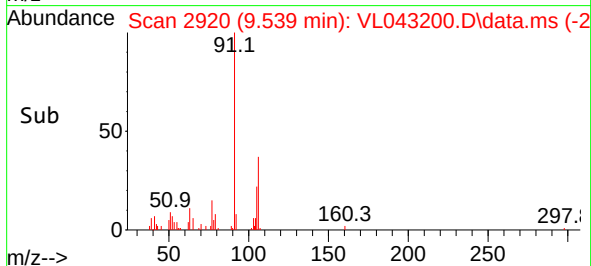
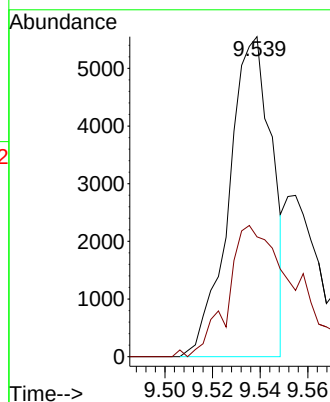
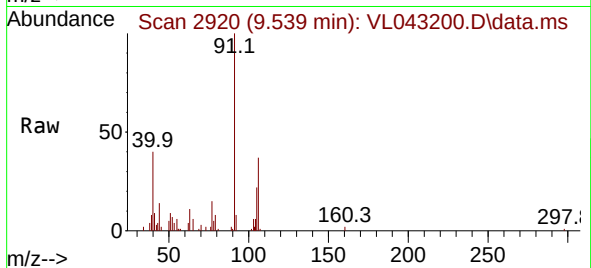
UNIT-8-SS-1

Tgt Ion: 91 Resp: 6977

Ion Ratio Lower Upper

91 100

106 63.5 38.0 57.0#



#60

o-Xylene

Concen: 0.075 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL043200.D

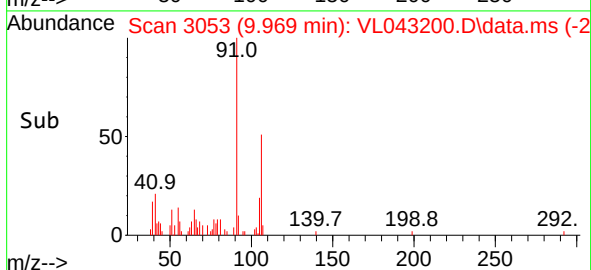
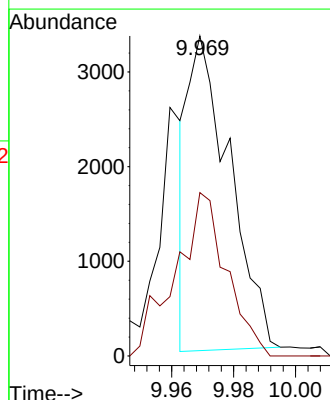
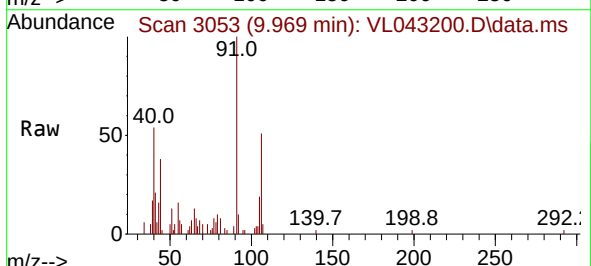
Acq: 13 Nov 2025 15:23

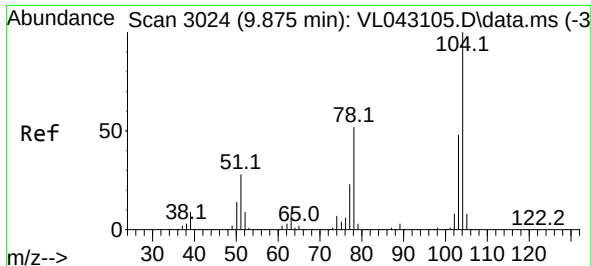
Tgt Ion: 91 Resp: 3090

Ion Ratio Lower Upper

91 100

106 63.6 21.9 65.8

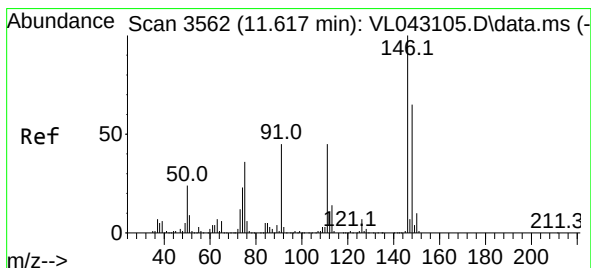
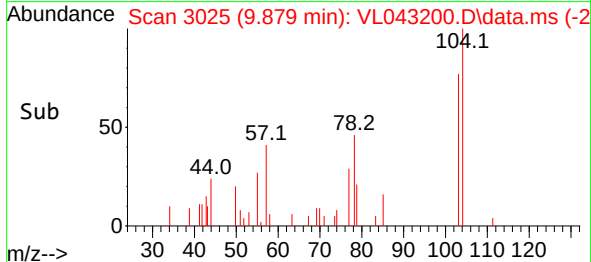
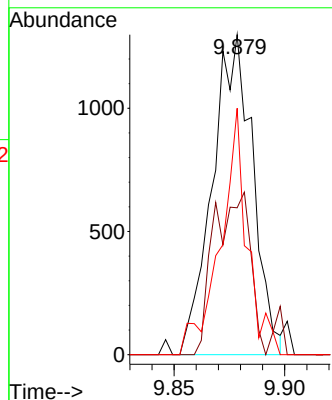
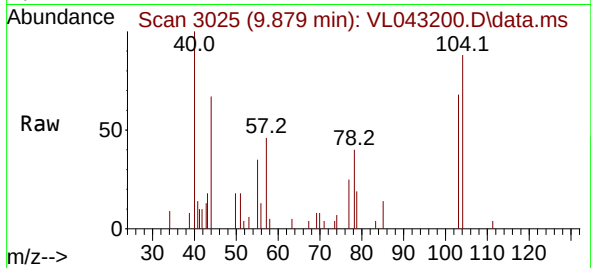




#61
Styrene
Concen: 0.088 ppbv
RT: 9.879 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

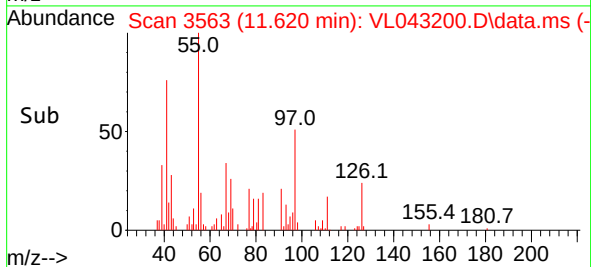
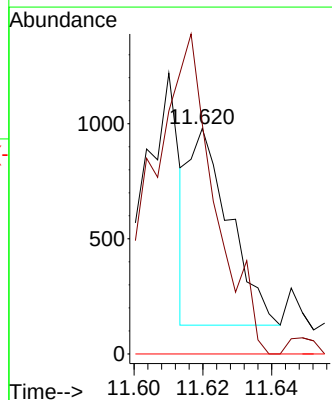
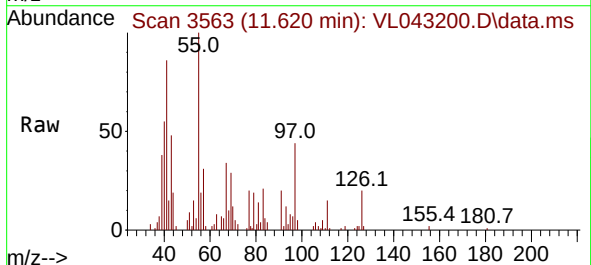
Instrument :
MSVOA_1
ClientSampleId :
UNIT-8-SS-1

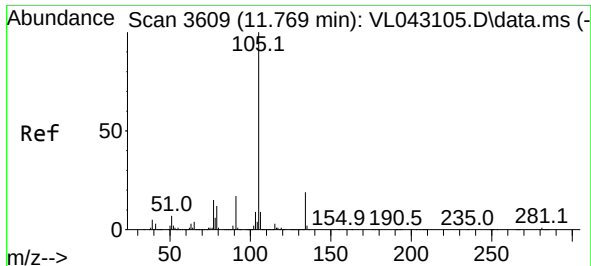
Tgt Ion:104 Resp: 1645
Ion Ratio Lower Upper
104 100
78 49.1 40.2 60.2
103 51.0 36.9 55.3



#66
Benzyl Chloride
Concen: 0.095 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.003 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion: 91 Resp: 696
Ion Ratio Lower Upper
91 100
126 275.4 14.6 22.0#
128 0.0 4.6 6.8#

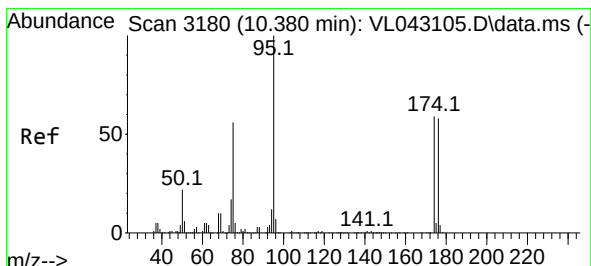
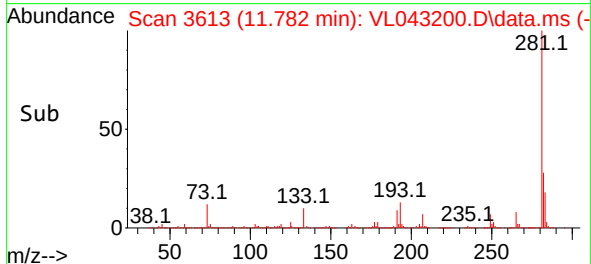
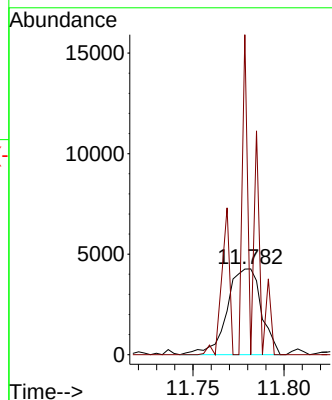
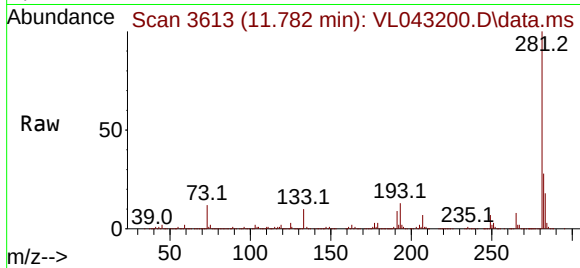




#67
 sec-Butylbenzene
 Concen: 0.060 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. 0.013 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

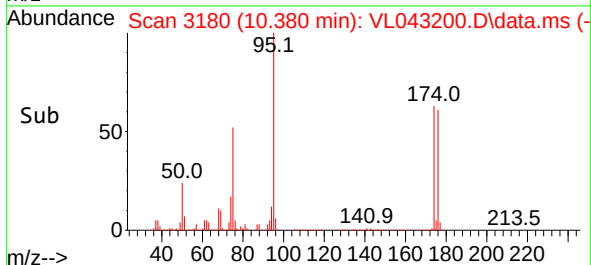
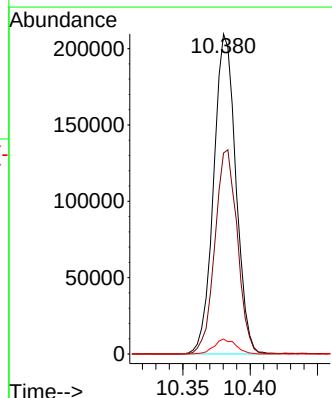
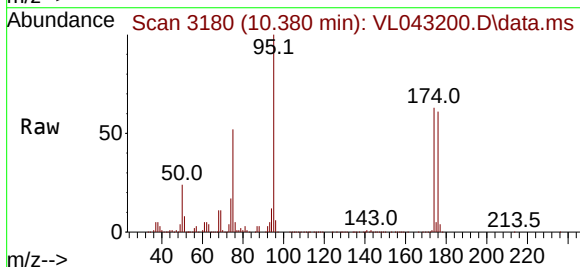
Instrument :
 MSVOA_1
 ClientSampleId :
 UNIT-8-SS-1

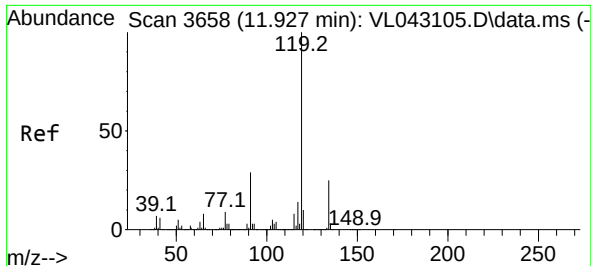
Tgt Ion:105 Resp: 5563
 Ion Ratio Lower Upper
 105 100
 134 147.3 15.5 23.3#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.136 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

Tgt Ion: 95 Resp: 240491
 Ion Ratio Lower Upper
 95 100
 174 64.5 48.3 72.5
 175 4.5 3.8 5.8

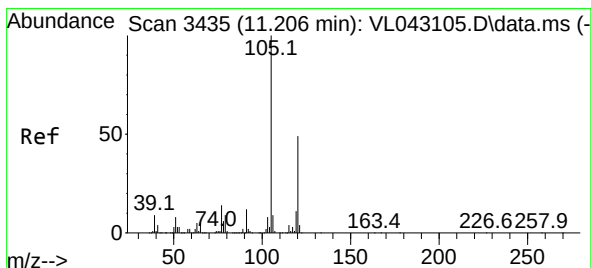
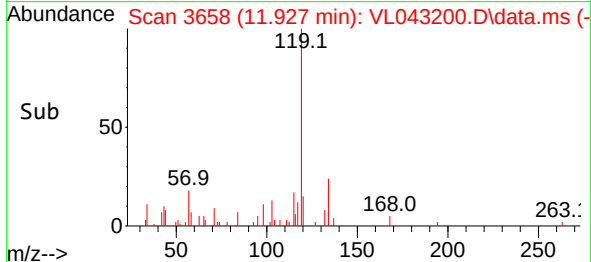
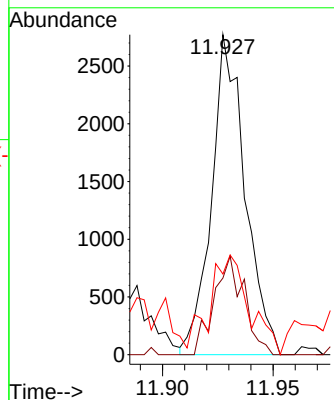
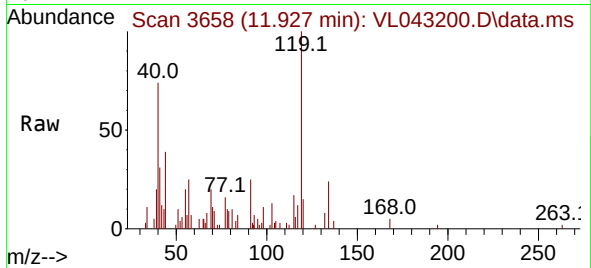




#69
 p-Isopropyltoluene
 Concen: 0.037 ppbv
 RT: 11.927 min Scan# 3658
 Delta R.T. -0.000 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

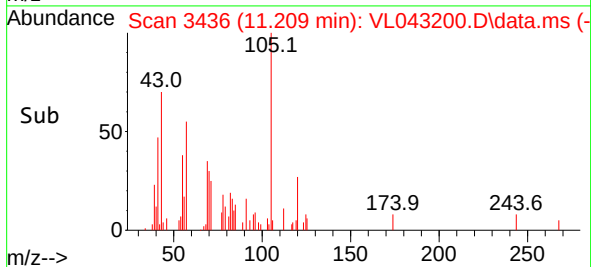
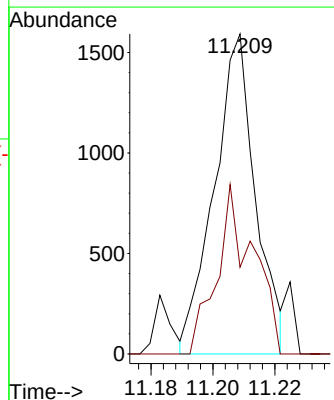
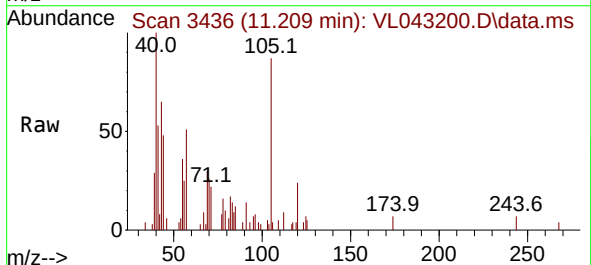
Instrument :
 MSVOA_1
 ClientSampleId :
 UNIT-8-SS-1

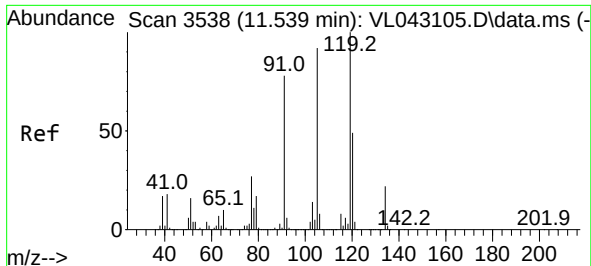
Tgt Ion:119 Resp: 2918
 Ion Ratio Lower Upper
 119 100
 134 27.8 20.3 30.5
 91 22.5 22.6 33.8#



#73
 1,3,5-Trimethylbenzene
 Concen: 0.035 ppbv
 RT: 11.209 min Scan# 3436
 Delta R.T. 0.003 min
 Lab File: VL043200.D
 Acq: 13 Nov 2025 15:23

Tgt Ion:105 Resp: 1471
 Ion Ratio Lower Upper
 105 100
 120 28.2 39.0 58.6#

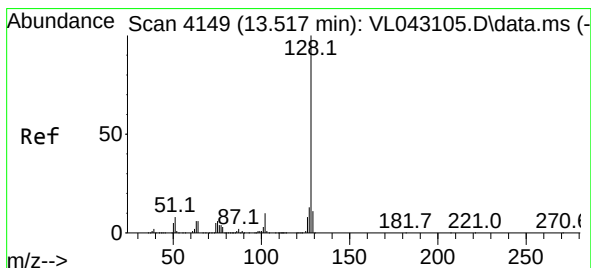
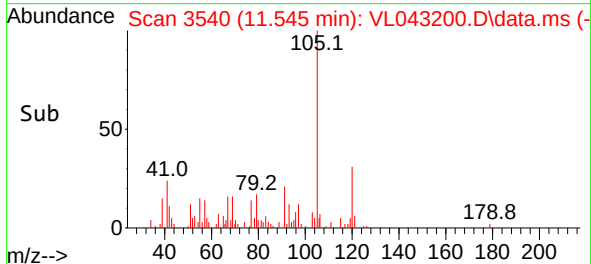
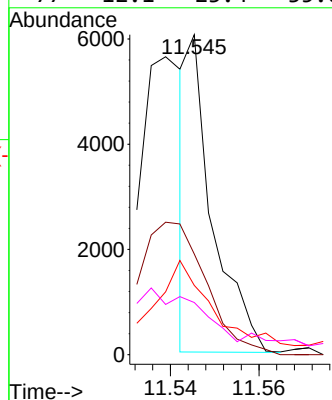
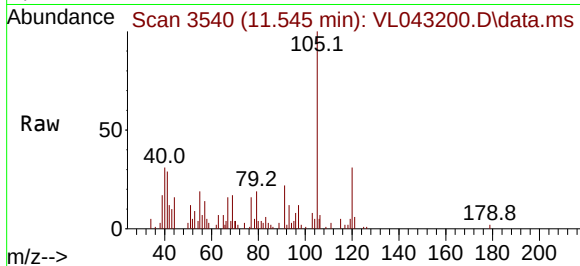




#74
1,2,4-Trimethylbenzene
Concen: 0.050 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.006 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Instrument :
MSVOA_1
ClientSampleId :
UNIT-8-SS-1

Tgt Ion:105 Resp: 2343
Ion Ratio Lower Upper
105 100
120 31.7 42.8 64.2#
91 18.3 68.3 102.5#
77 12.1 23.4 35.0#



#79
Naphthalene
Concen: 0.052 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL043200.D
Acq: 13 Nov 2025 15:23

Tgt Ion:128 Resp: 2529
Ion Ratio Lower Upper
128 100
127 92.1 10.5 15.7#
129 2.6 9.1 13.7#

