

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043225.D
 Acq On : 18 Nov 2025 22:05
 Operator : SY/MD
 Sample : Q3650-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Nov 19 01:41:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	93706	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	243965	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	191464	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	144231	10.277	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%

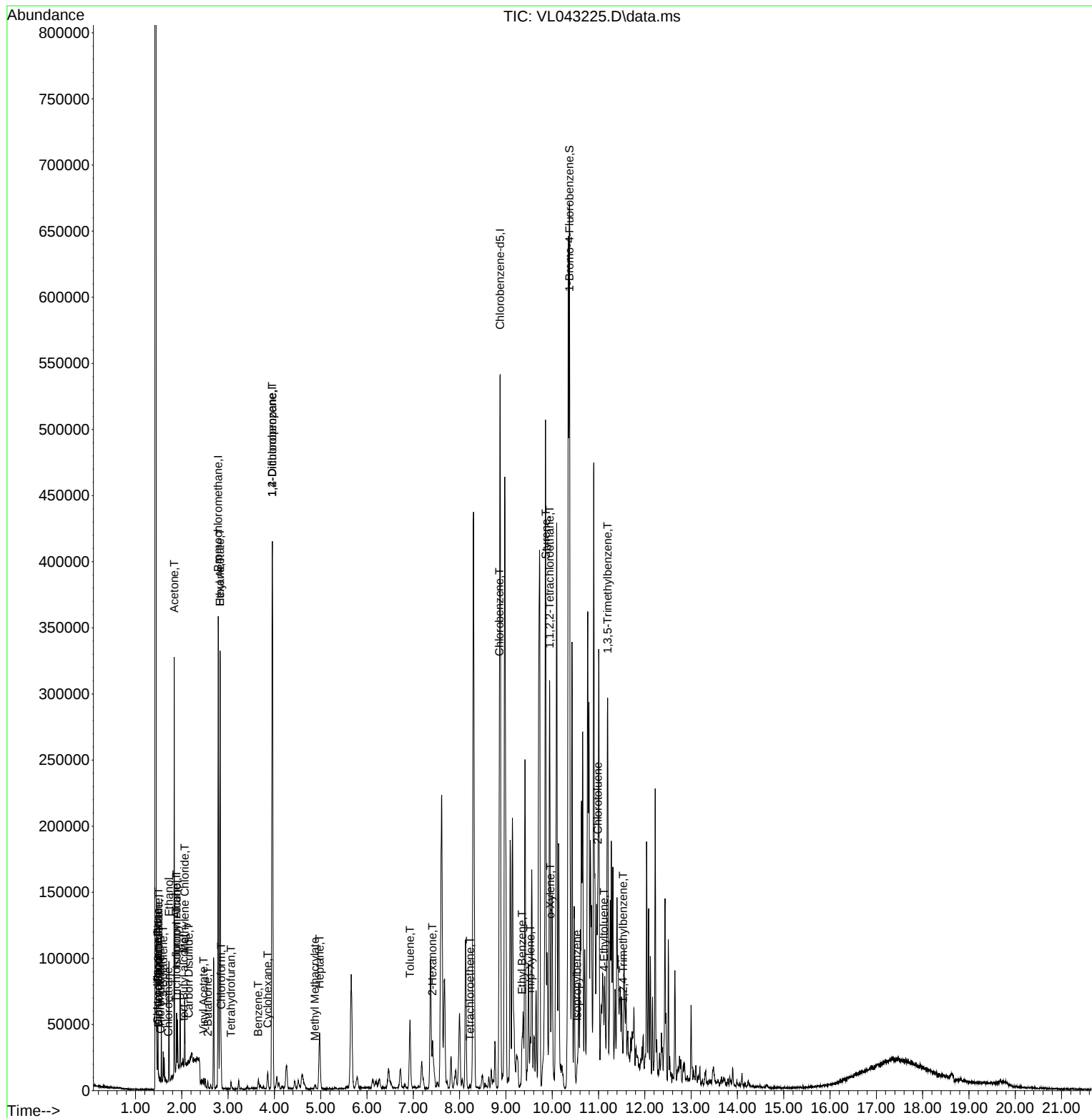
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	1498	0.113	ppbv #	82
3) Chlorodifluoromethane	1.473	51	1288	0.099	ppbv #	85
4) Chloromethane	1.534	50	510	0.103	ppbv #	84
7) Chloroethane	1.709	64	68	0.032	ppbv #	41
8) Dichlorotetrafluoroethane	1.496	85	1498	0.136	ppbv #	21
9) Propene	1.483	41	5049	0.915	ppbv #	1
10) Heptane	4.975	43	18772	1.143	ppbv	99
11) Trichlorofluoromethane	1.881	101	759	0.059	ppbv #	61
13) Ethanol	1.722	45	31101	16.025	ppbv	98
15) Acetone	1.835	43	129322	9.933	ppbv	98
16) 1,3-Butadiene	1.599	39	3147	0.542	ppbv #	38
17) tert-Butyl alcohol	2.043	59	972	0.057	ppbv #	11
19) Isopropyl Alcohol	1.887	45	17070	2.320	ppbv #	1
20) Methylene Chloride	2.065	84	7438	1.252	ppbv	85
23) Vinyl Acetate	2.473	43	1953	0.124	ppbv #	61
25) Ethyl Acetate	2.826	43	55977	1.994	ppbv #	78
26) Hexane	2.826	57	80300	6.523	ppbv #	42
27) Carbon Disulfide	2.153	76	526	0.042	ppbv #	1
29) Chloroform	2.852	83	9485	0.542	ppbv	97
30) Cyclohexane	3.855	84	3168	0.307	ppbv	96
34) 2-Butanone	2.560	43	3662	0.213	ppbv	93
36) Benzene	3.651	78	4197	0.180	ppbv #	92
39) 1,2-Dichloropropane	3.955	63	64478	7.540	ppbv #	25
41) Tetrahydrofuran	3.062	42	1594	0.168	ppbv #	92
43) Methyl Methacrylate	4.871	69	387	0.031	ppbv #	1
51) 2-Hexanone	7.415	43	17857	0.948	ppbv #	29
52) Tetrachloroethene	8.228	164	375	0.043	ppbv #	70
53) Toluene	6.927	91	35245	1.274	ppbv	96
57) Chlorobenzene	8.859	112	7185	0.366	ppbv #	45
58) Ethyl Benzene	9.348	91	13112	0.356	ppbv	93
59) m/p-Xylene	9.526	91	20983	0.710	ppbv	96
60) o-Xylene	9.959	91	9061	0.307	ppbv	99
61) Styrene	9.862	104	479	0.037	ppbv #	29
62) Isopropylbenzene	10.536	105	2992	0.057	ppbv #	84
63) 1,1,2,2-Tetrachloroethane	9.946	83	2645	0.141	ppbv #	25
71) 2-Chlorotoluene	10.982	91	2090	0.051	ppbv	70
72) 4-Ethyltoluene	11.121	105	1362	0.038	ppbv #	1
73) 1,3,5-Trimethylbenzene	11.196	105	1160	0.038	ppbv #	75
74) 1,2,4-Trimethylbenzene	11.532	105	3425	0.104	ppbv #	42

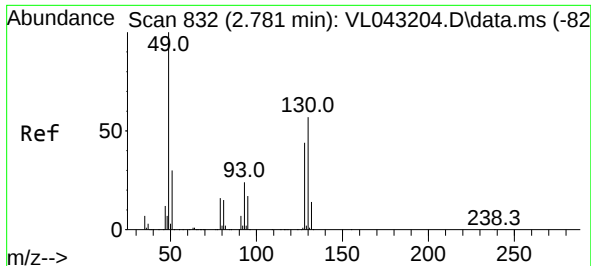
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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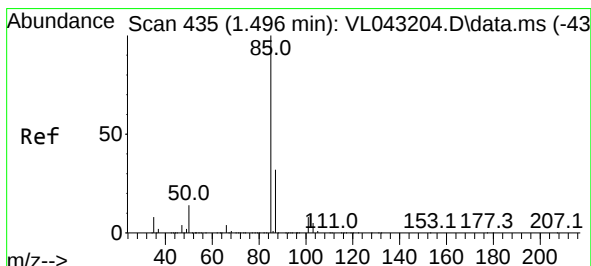
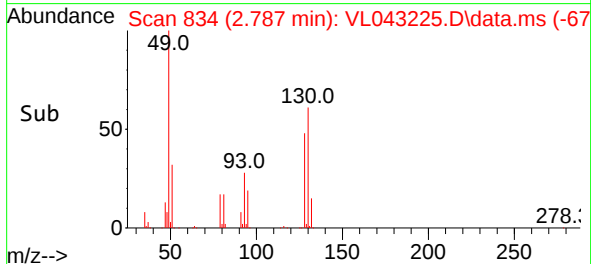
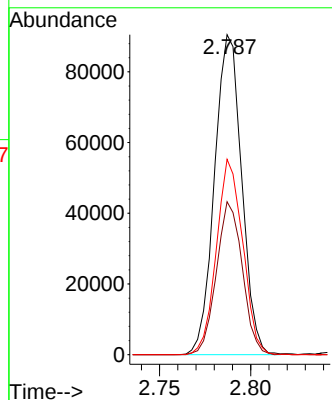
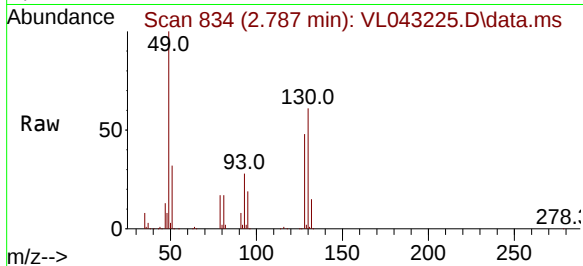




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 832
Delta R.T. 0.006 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

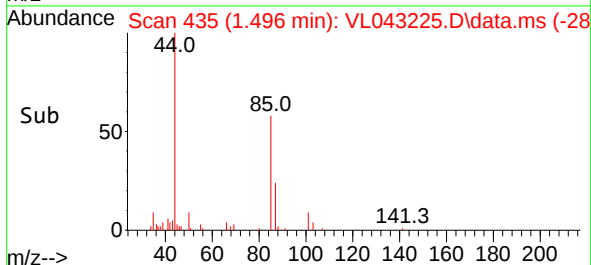
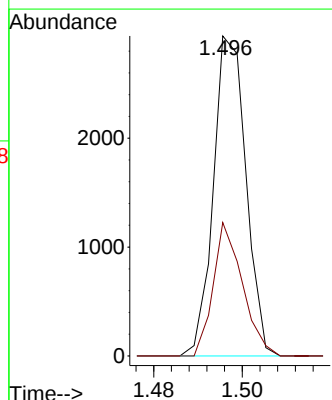
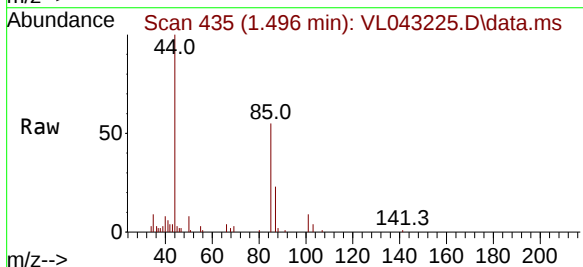
Instrument :
MSVOA_L
ClientSampleId :
SV1

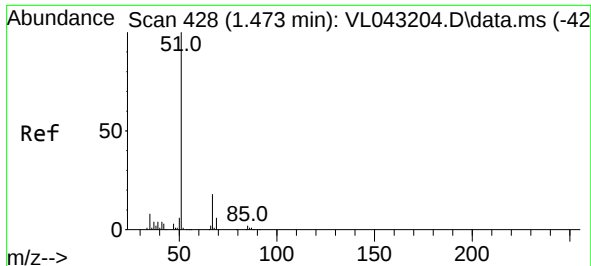
Tgt Ion: 49 Resp: 93706
Ion Ratio Lower Upper
49 100
128 45.6 23.0 69.0
130 59.1 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 0.113 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 85 Resp: 1498
Ion Ratio Lower Upper
85 100
87 41.7 25.4 38.2#

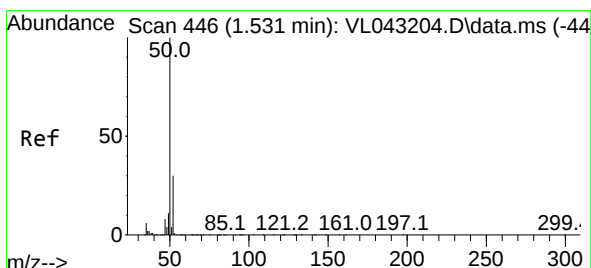
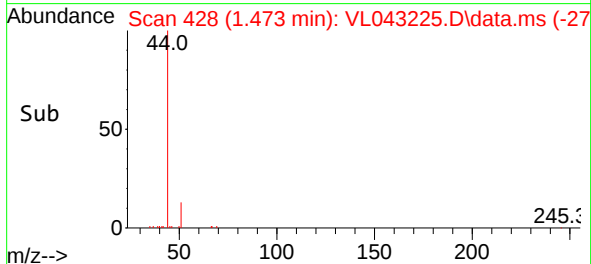
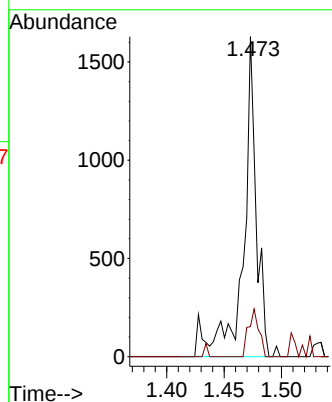
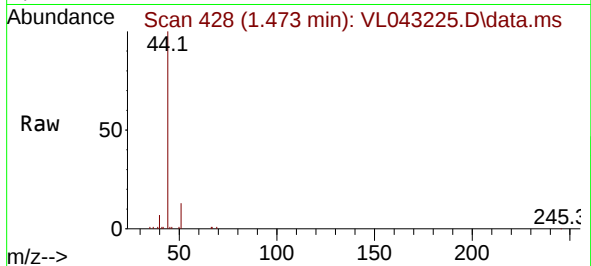




#3
Chlorodifluoromethane
Concen: 0.099 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

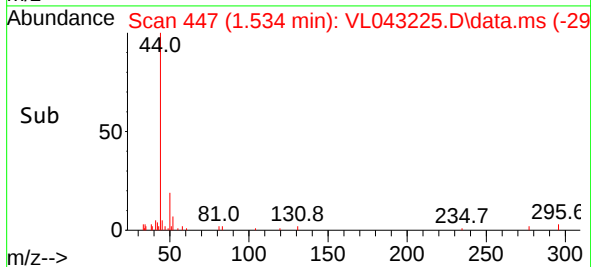
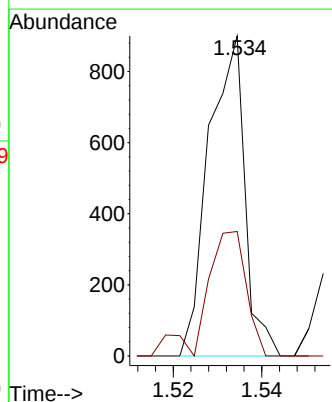
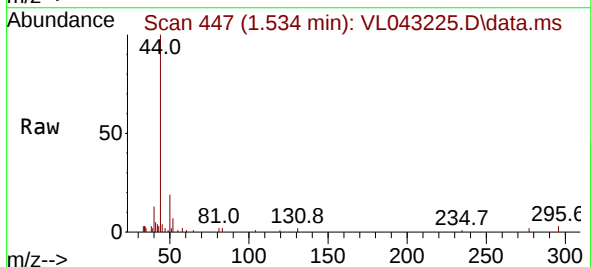
Instrument :
MSVOA_L
ClientSampleId :
SV1

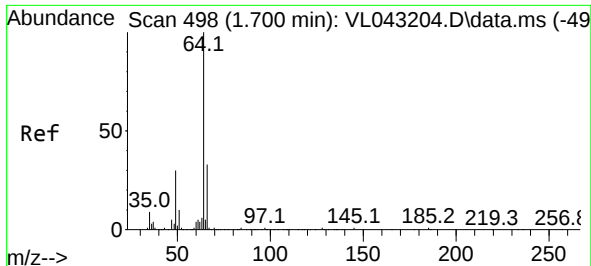
Tgt Ion: 51 Resp: 1288
Ion Ratio Lower Upper
51 100
67 12.0 14.9 22.3#



#4
Chloromethane
Concen: 0.103 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 38.9 24.1 36.1#

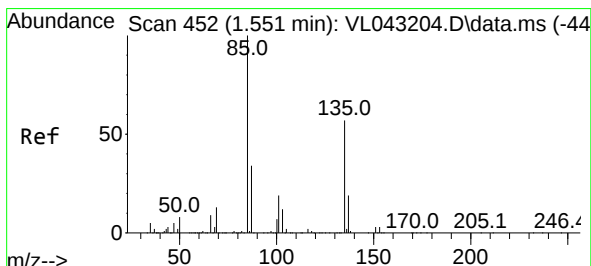
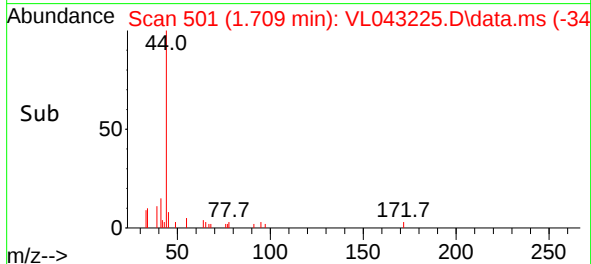
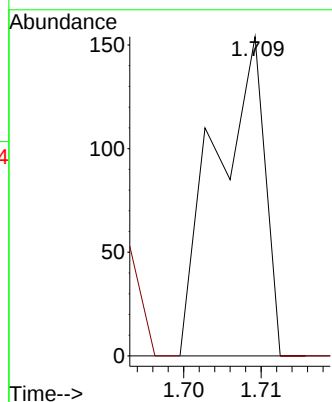
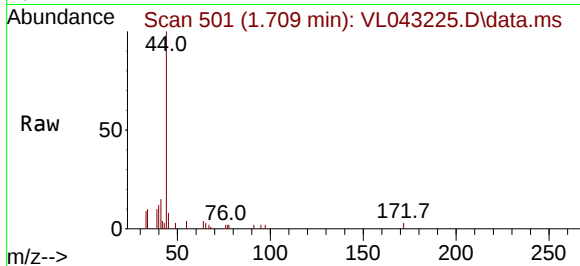




#7
Chloroethane
Concen: 0.032 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.009 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

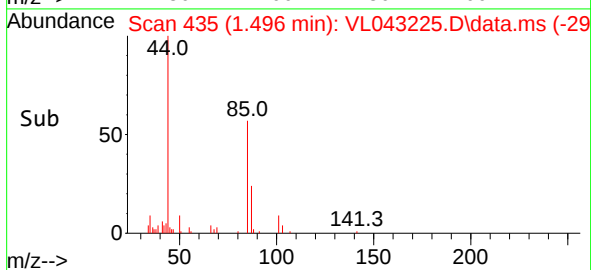
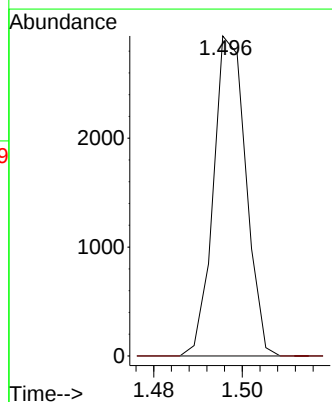
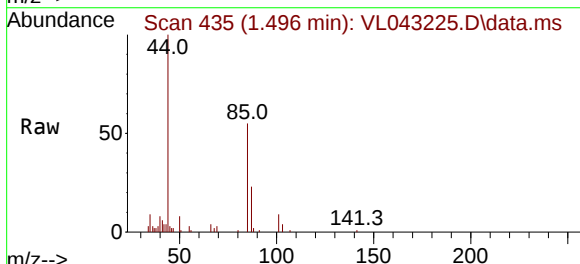
Instrument :
MSVOA_L
ClientSampleId :
SV1

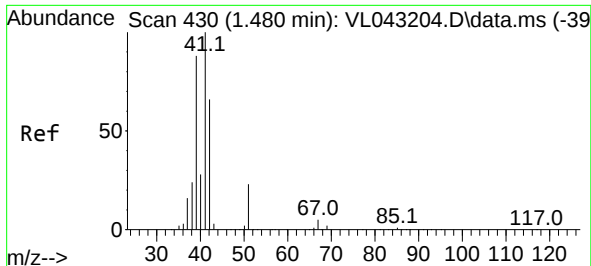
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 26.8 40.2#



#8
Dichlorotetrafluoroethane
Concen: 0.136 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.055 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 85 Resp: 1498
Ion Ratio Lower Upper
85 100
135 3.3 52.6 79.0#





#9

Propene

Concen: 0.915 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043225.D

Acq: 18 Nov 2025 22:05

Instrument :

MSVOA_L

ClientSampleId :

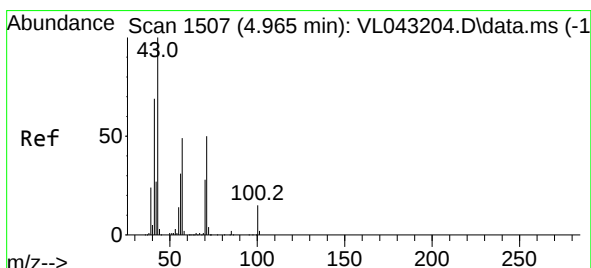
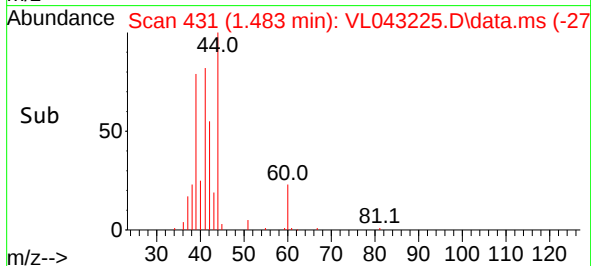
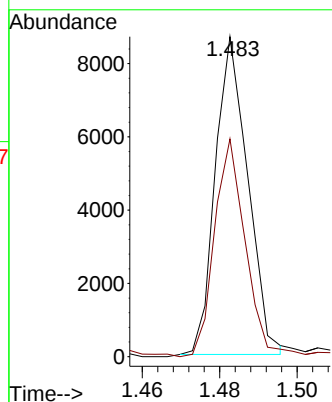
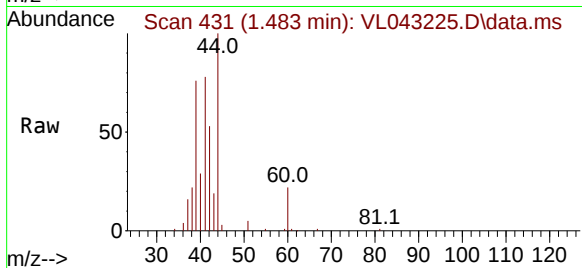
SV1

Tgt Ion: 41 Resp: 5049

Ion Ratio Lower Upper

41 100

42 69.8 3.7 5.5#



#10

Heptane

Concen: 1.143 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. 0.009 min

Lab File: VL043225.D

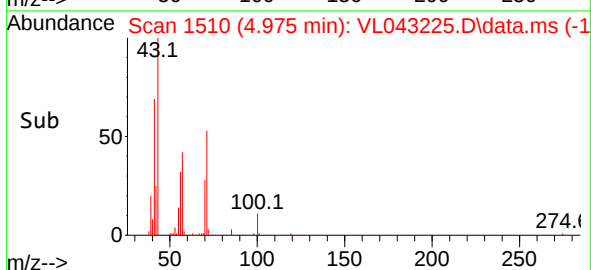
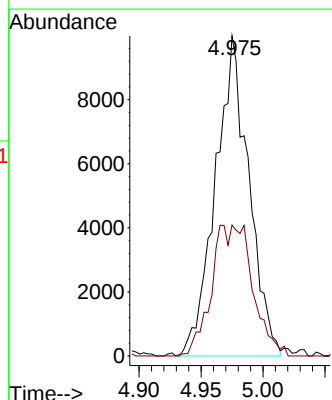
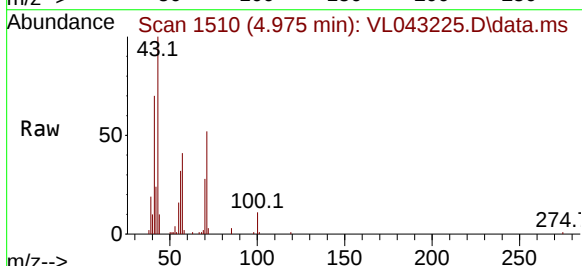
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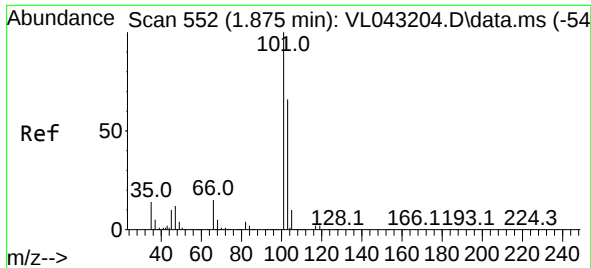
Tgt Ion: 43 Resp: 18772

Ion Ratio Lower Upper

43 100

57 50.5 39.7 59.5

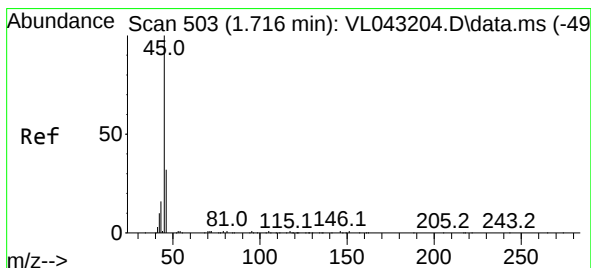
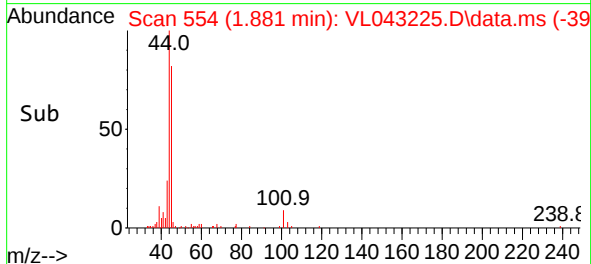
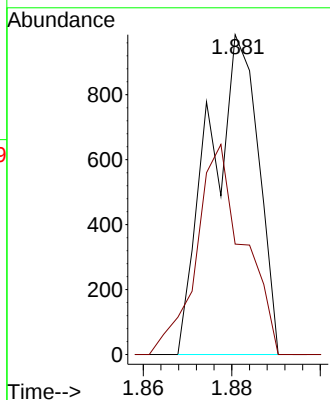
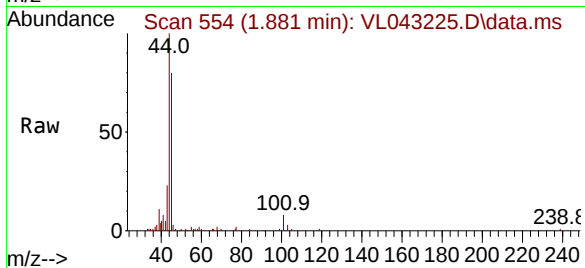




#11
 Trichlorofluoromethane
 Concen: 0.059 ppbv
 RT: 1.881 min Scan# 505
 Delta R.T. 0.006 min
 Lab File: VL043225.D
 Acq: 18 Nov 2025 22:05

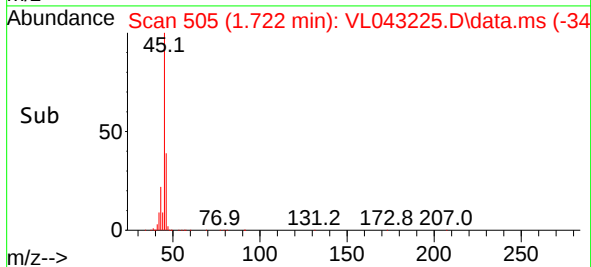
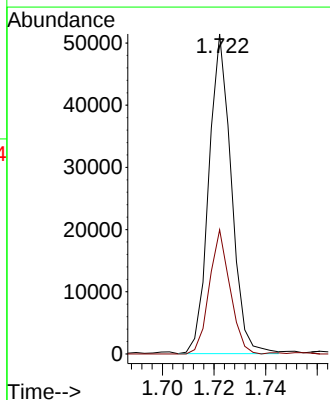
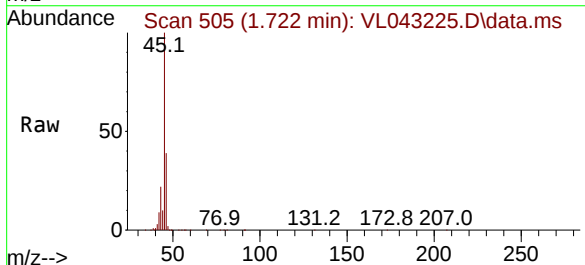
Instrument :
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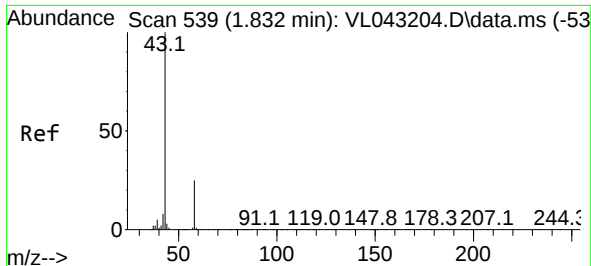
Tgt Ion:101 Resp: 759
 Ion Ratio Lower Upper
 101 100
 103 34.5 52.6 79.0#



#13
 Ethanol
 Concen: 16.025 ppbv
 RT: 1.722 min Scan# 505
 Delta R.T. 0.006 min
 Lab File: VL043225.D
 Acq: 18 Nov 2025 22:05

Tgt Ion: 45 Resp: 31101
 Ion Ratio Lower Upper
 45 100
 46 36.3 15.0 59.8

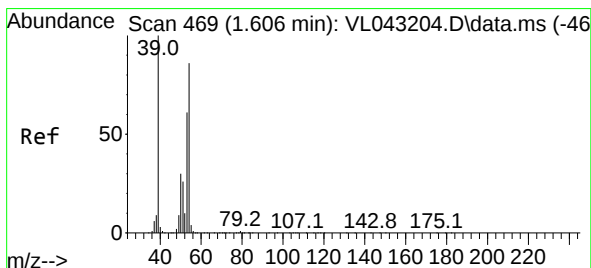
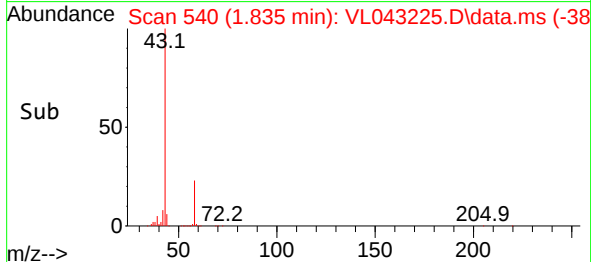
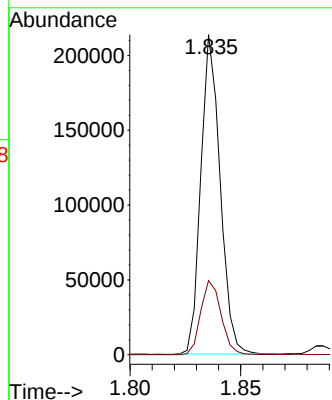
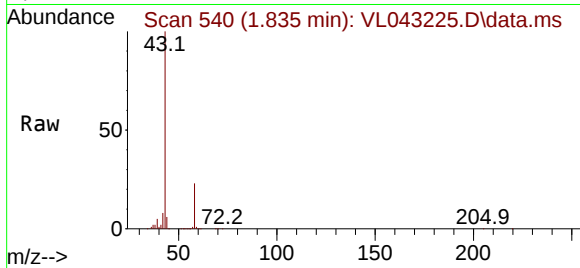




#15
Acetone
Concen: 9.933 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

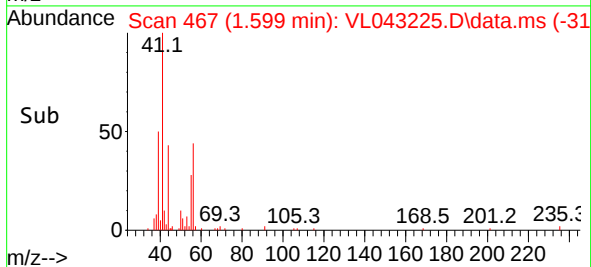
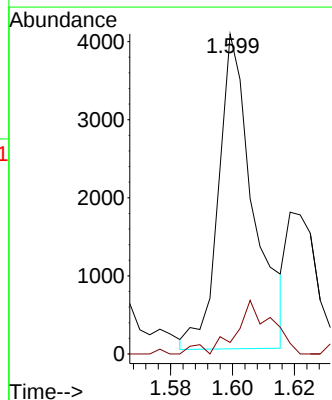
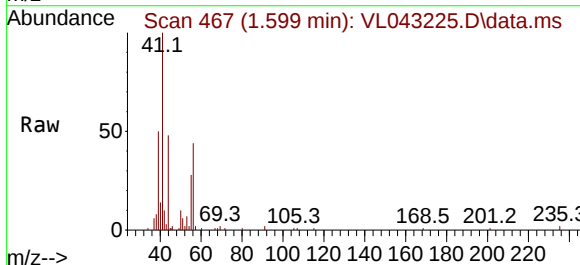
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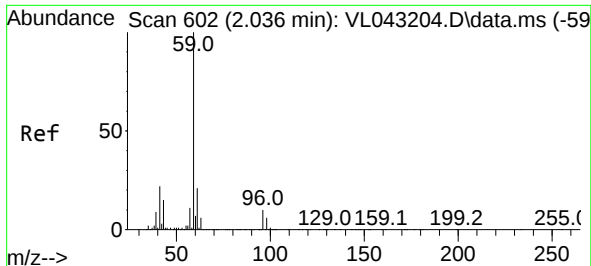
Tgt Ion: 43 Resp: 129322
Ion Ratio Lower Upper
43 100
58 24.7 20.7 31.1



#16
1,3-Butadiene
Concen: 0.542 ppbv
RT: 1.599 min Scan# 467
Delta R.T. -0.007 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 39 Resp: 3147
Ion Ratio Lower Upper
39 100
54 21.9 59.4 89.2#





#17

tert-Butyl alcohol

Concen: 0.057 ppbv

RT: 2.043 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL043225.D

Acq: 18 Nov 2025 22:05

Instrument :

MSVOA_L

ClientSampleId :

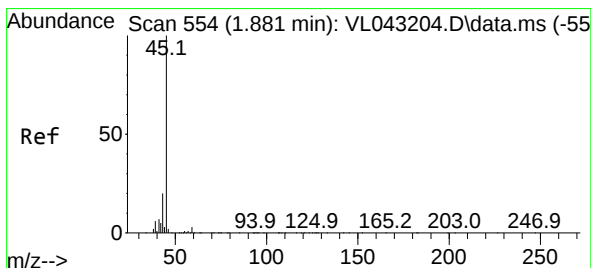
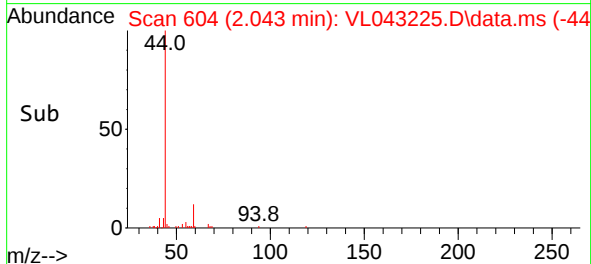
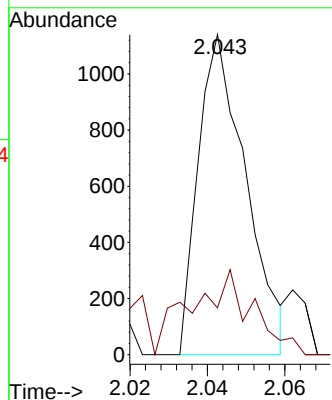
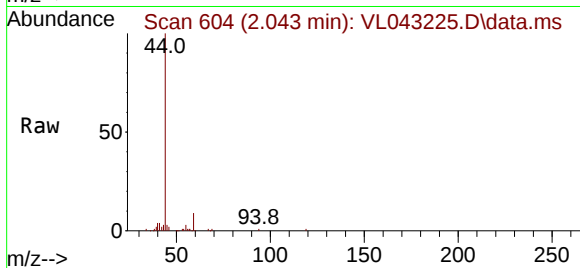
SV1

Tgt Ion: 59 Resp: 972

Ion Ratio Lower Upper

59 100

57 45.1 9.0 13.4#



#19

Isopropyl Alcohol

Concen: 2.320 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.006 min

Lab File: VL043225.D

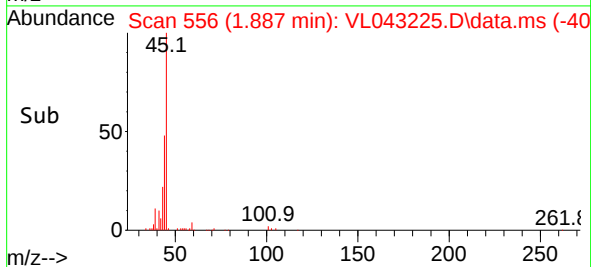
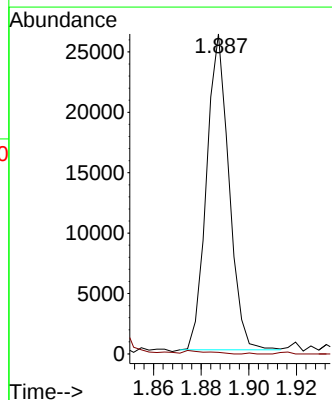
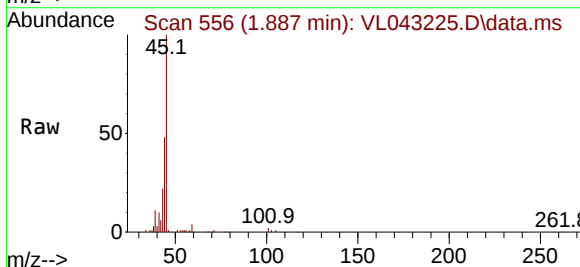
Acq: 18 Nov 2025 22:05

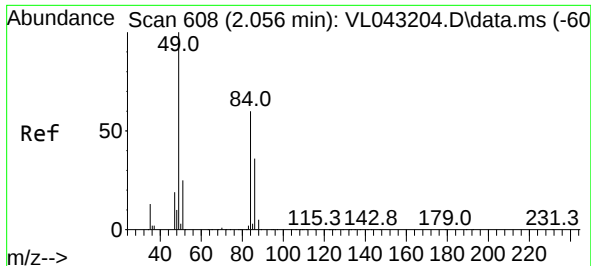
Tgt Ion: 45 Resp: 17070

Ion Ratio Lower Upper

45 100

58 185.8 31.3 46.9#

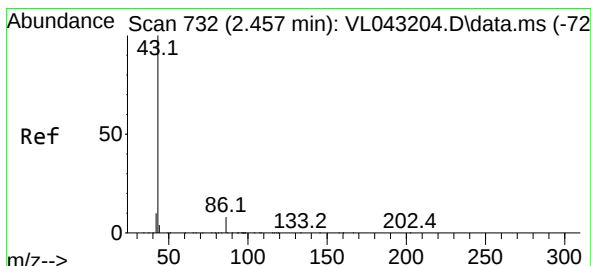
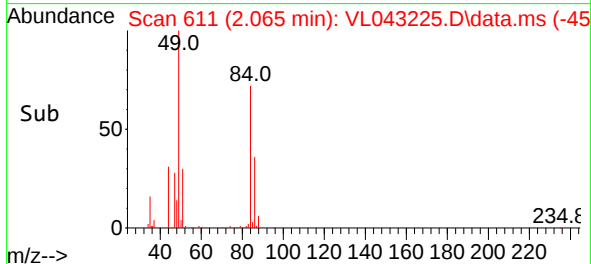
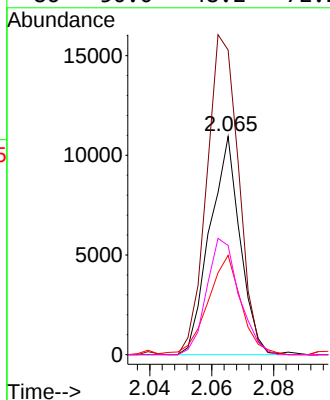
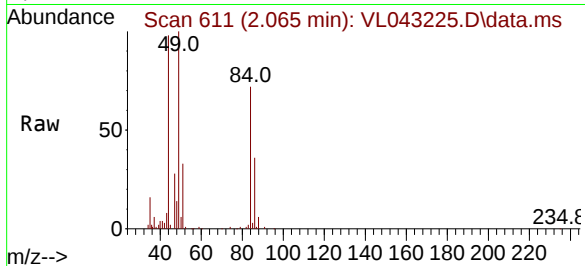




#20
Methylene Chloride
Concen: 1.252 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.009 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

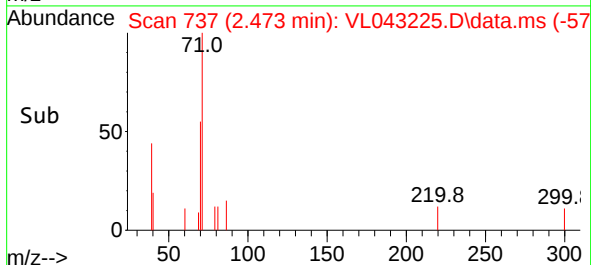
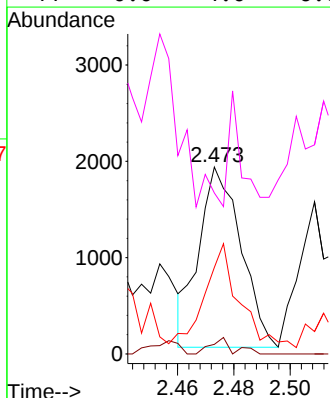
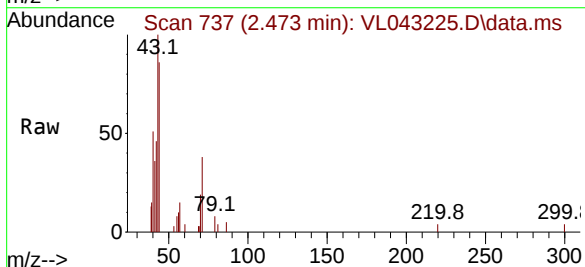
Instrument :
MSVOA_L
ClientSampleId :
SV1

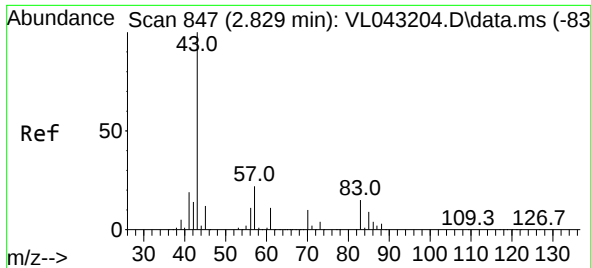
Tgt Ion: 84 Resp: 7438
Ion Ratio Lower Upper
84 100
49 139.6 132.9 199.3
51 44.7 34.8 52.2
86 50.0 48.2 72.2



#23
Vinyl Acetate
Concen: 0.124 ppbv
RT: 2.473 min Scan# 737
Delta R.T. 0.016 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
86 5.3 6.2 9.2#
42 37.7 8.0 12.0#
44 0.0 4.0 6.0#

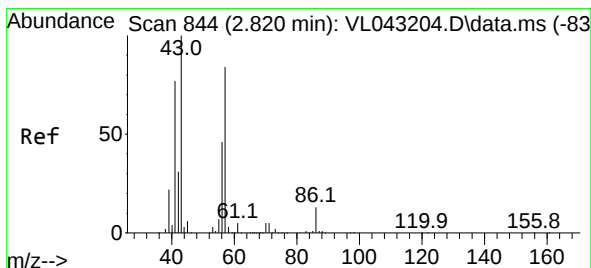
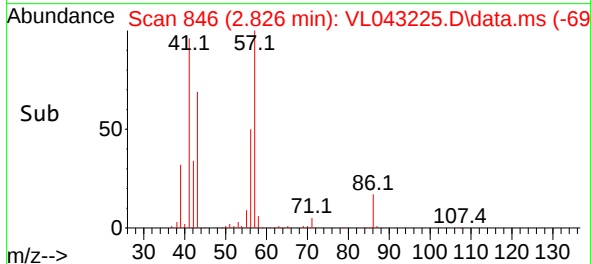
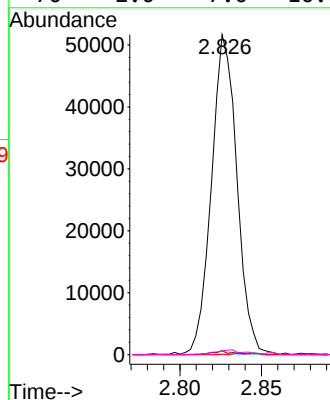
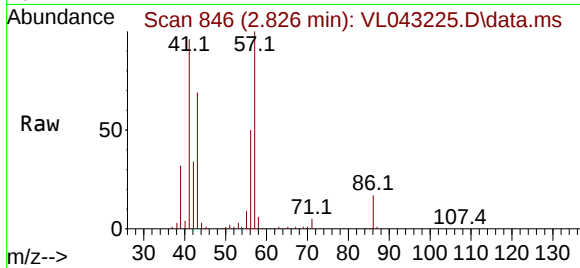




#25
Ethyl Acetate
Concen: 1.994 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

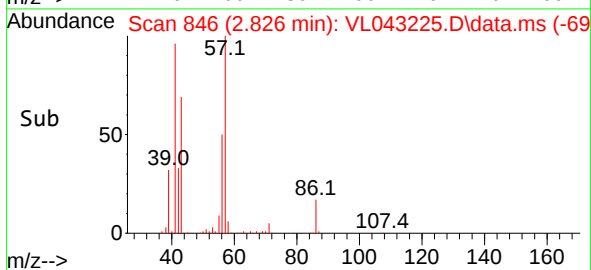
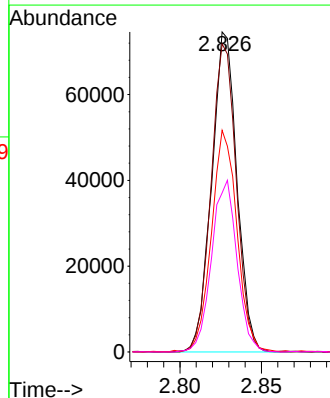
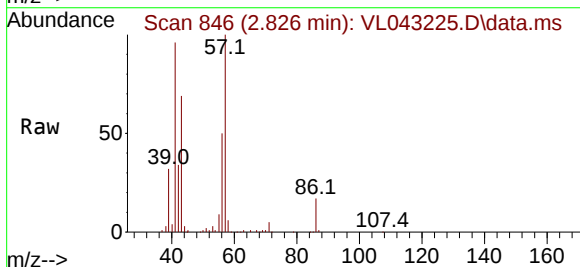
Instrument :
MSVOA_L
ClientSampleId :
SV1

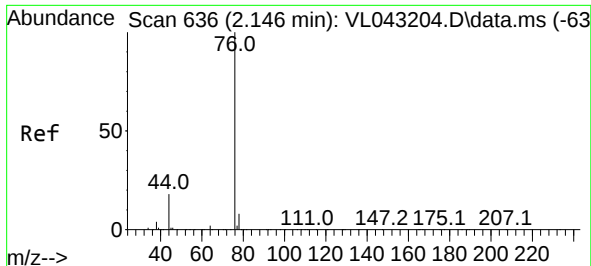
Tgt Ion: 43	Resp: 55977
Ion Ratio	Lower Upper
43 100	
45 1.2	8.1 12.1#
61 0.4	7.0 10.4#
70 2.0	7.0 10.6#



#26
Hexane
Concen: 6.523 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.006 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 57	Resp: 80300
Ion Ratio	Lower Upper
57 100	
41 97.2	74.6 111.8
43 70.7	179.0 268.4#
56 54.2	42.3 63.5





#27

Carbon Disulfide

Concen: 0.042 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL043225.D

Acq: 18 Nov 2025 22:05

Instrument :

MSVOA_L

ClientSampleId :

SV1

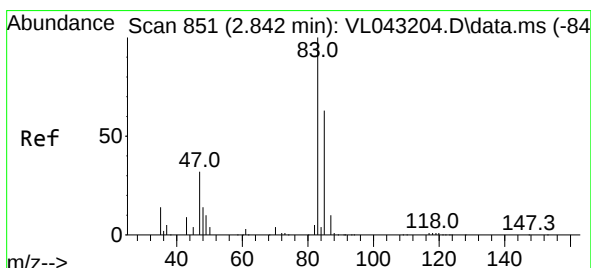
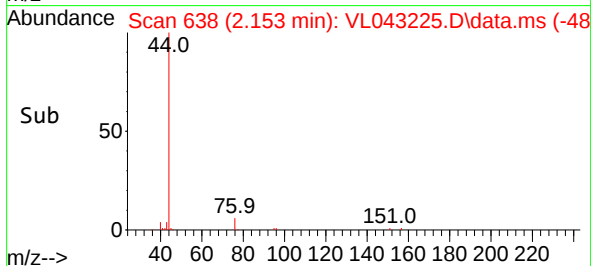
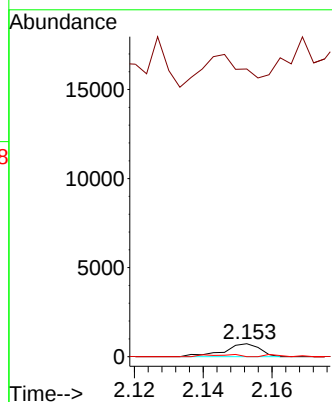
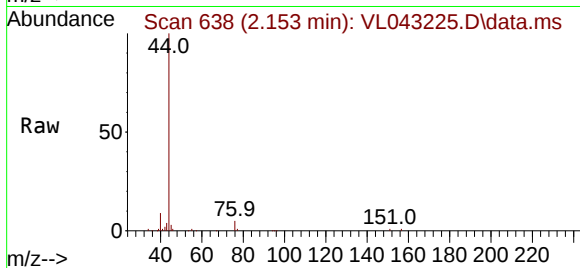
Tgt Ion: 76 Resp: 526

Ion Ratio Lower Upper

76 100

44 16634.6 16.1 24.1#

78 20.9 9.6 14.4#



#29

Chloroform

Concen: 0.542 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.009 min

Lab File: VL043225.D

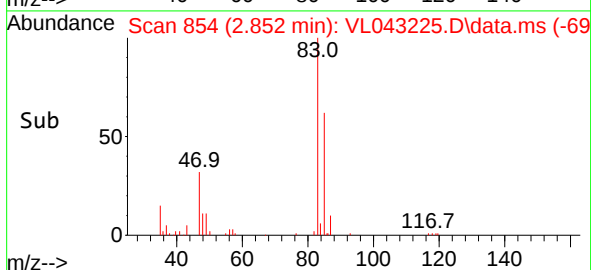
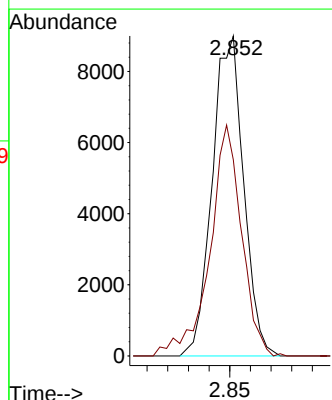
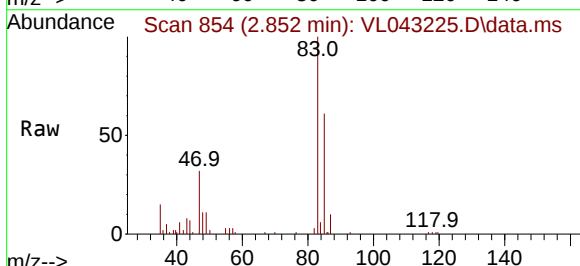
Acq: 18 Nov 2025 22:05

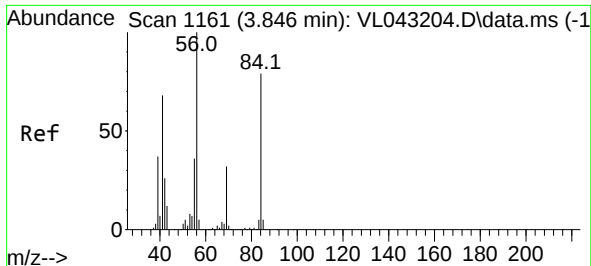
Tgt Ion: 83 Resp: 9485

Ion Ratio Lower Upper

83 100

85 60.6 50.5 75.7

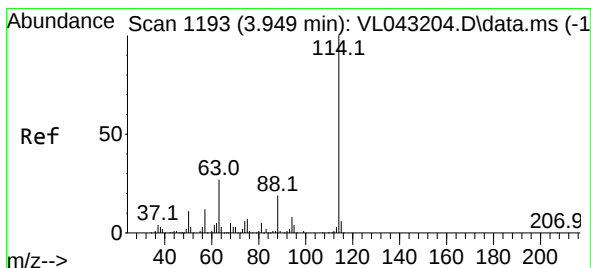
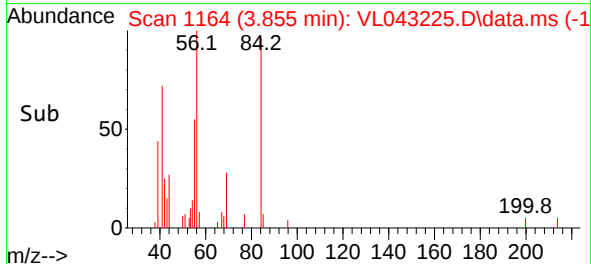
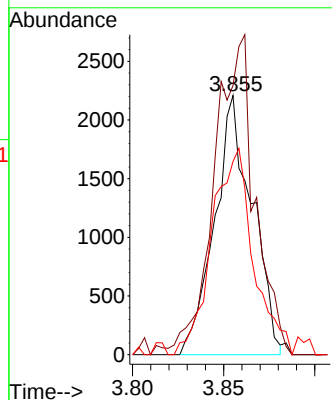
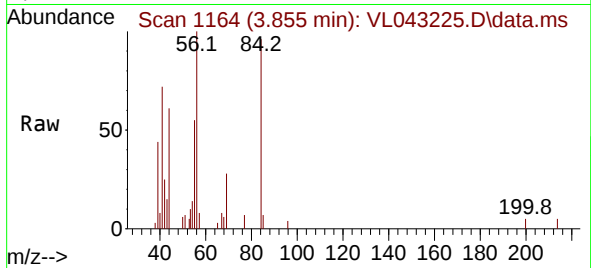




#30
Cyclohexane
Concen: 0.307 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. 0.010 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

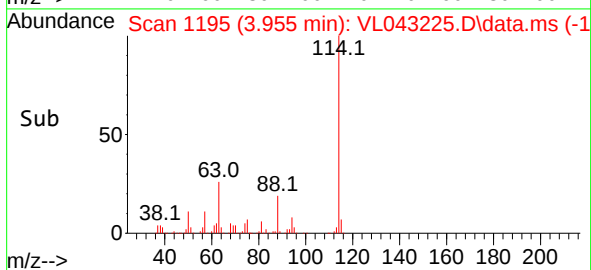
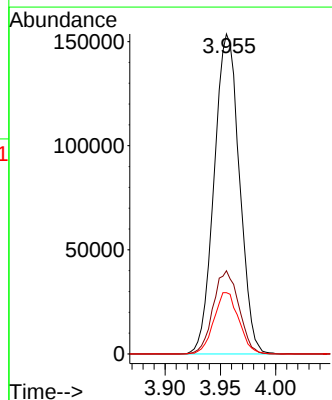
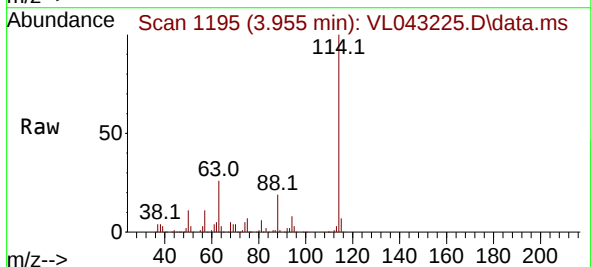
Instrument :
MSVOA_L
ClientSampleId :
SV1

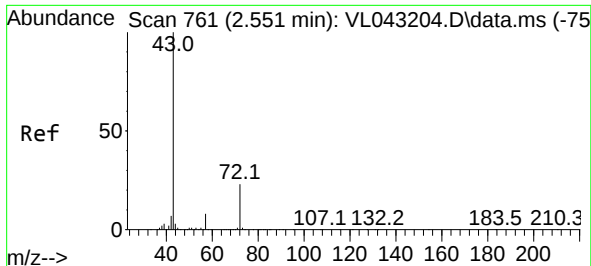
Tgt Ion: 84 Resp: 3168
Ion Ratio Lower Upper
84 100
56 134.7 104.7 157.1
41 91.3 69.0 103.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 114 Resp: 243965
Ion Ratio Lower Upper
114 100
63 26.4 21.0 31.6
88 19.0 14.9 22.3

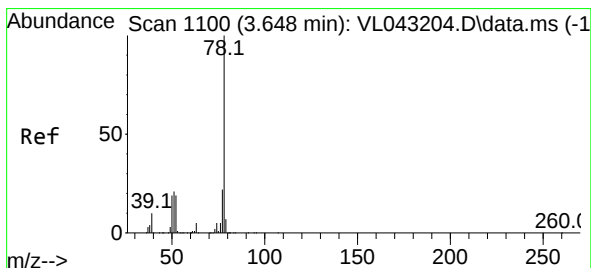
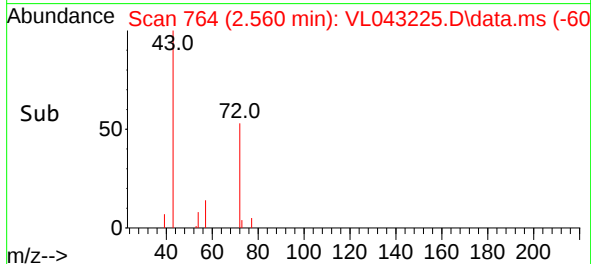
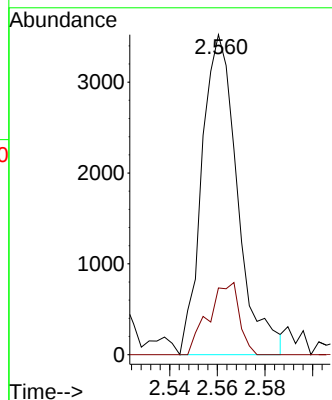
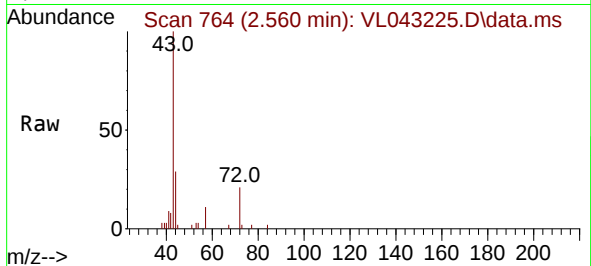




#34
2-Butanone
Concen: 0.213 ppbv
RT: 2.560 min Scan# 761
Delta R.T. 0.009 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

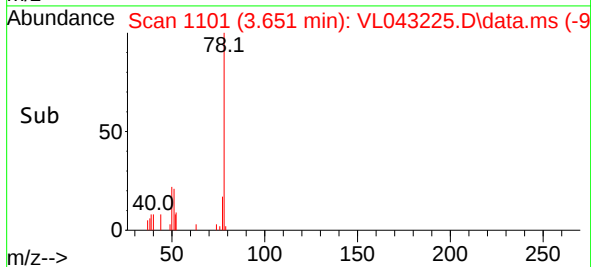
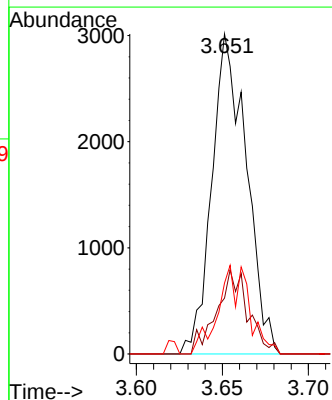
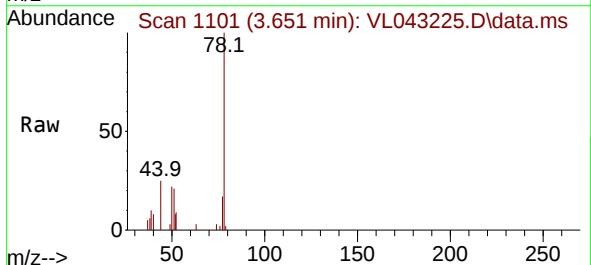
Instrument :
MSVOA_L
ClientSampleId :
SV1

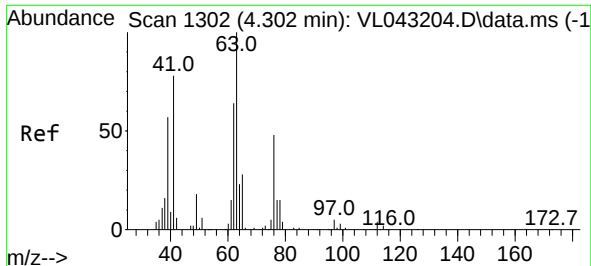
Tgt Ion: 43 Resp: 3662
Ion Ratio Lower Upper
43 100
72 19.4 18.1 27.1



#36
Benzene
Concen: 0.180 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 78 Resp: 4197
Ion Ratio Lower Upper
78 100
77 17.5 17.5 26.3#
50 22.2 15.5 23.3





#39

1,2-Dichloropropane

Concen: 7.540 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.347 min

Lab File: VL043225.D

Acq: 18 Nov 2025 22:05

Instrument :

MSVOA_L

ClientSampleId :

SV1

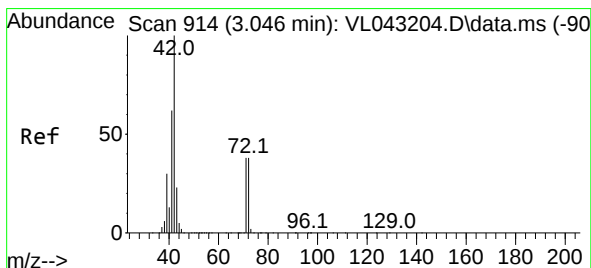
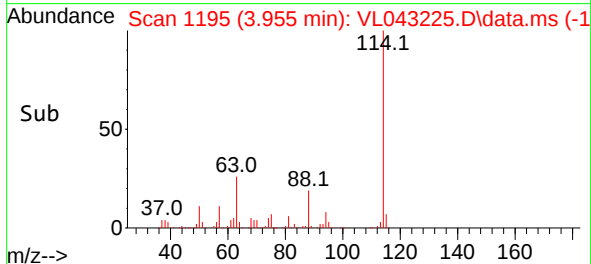
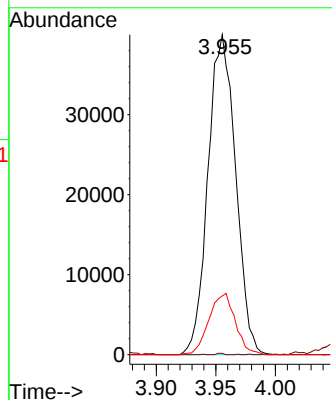
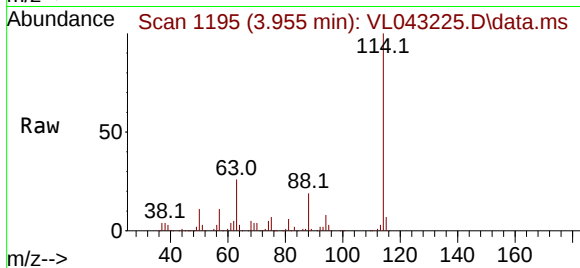
Tgt Ion: 63 Resp: 64478

Ion Ratio Lower Upper

63 100

41 0.4 62.6 93.8#

62 18.3 51.0 76.6#



#41

Tetrahydrofuran

Concen: 0.168 ppbv

RT: 3.062 min Scan# 919

Delta R.T. 0.016 min

Lab File: VL043225.D

Acq: 18 Nov 2025 22:05

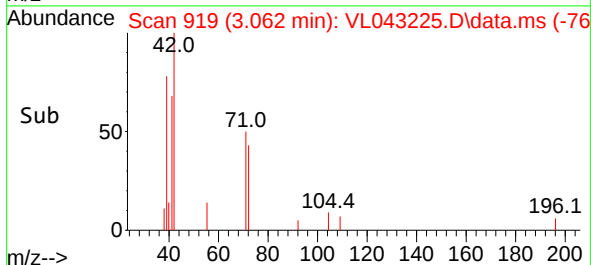
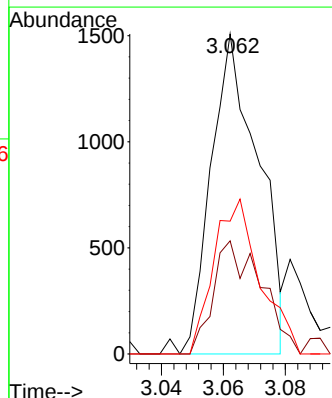
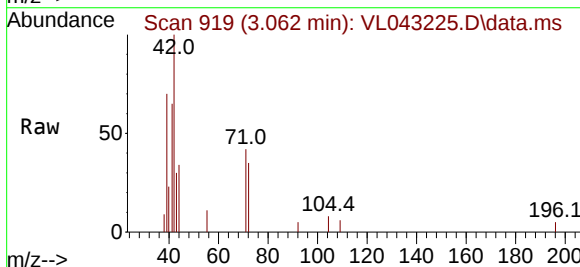
Tgt Ion: 42 Resp: 1594

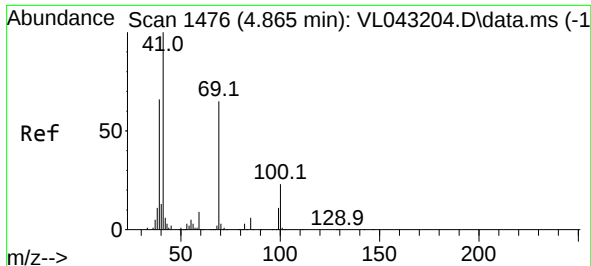
Ion Ratio Lower Upper

42 100

72 37.9 30.6 46.0

71 47.4 30.5 45.7#

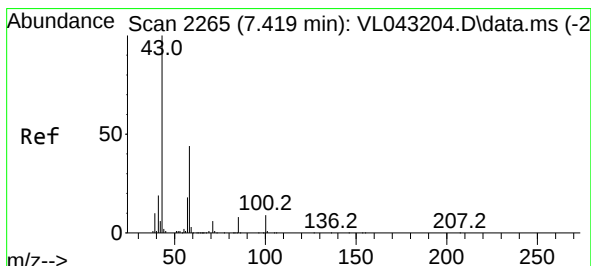
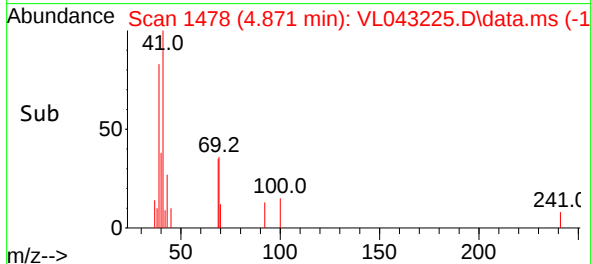
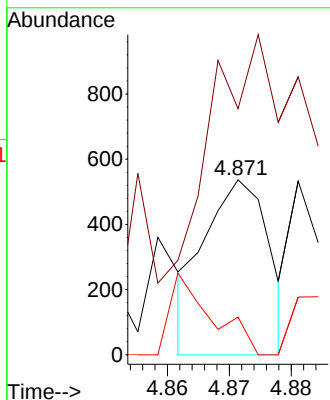
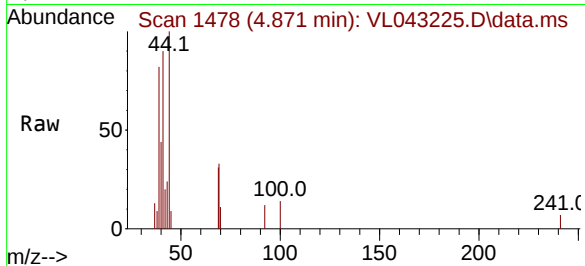




#43
Methyl Methacrylate
Concen: 0.031 ppbv
RT: 4.871 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

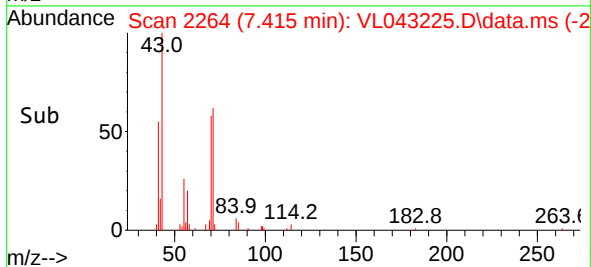
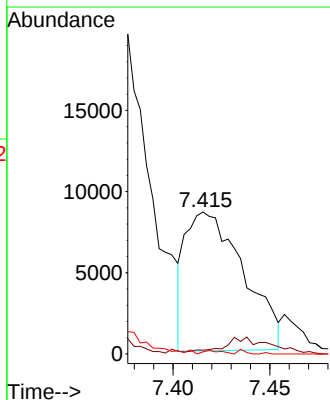
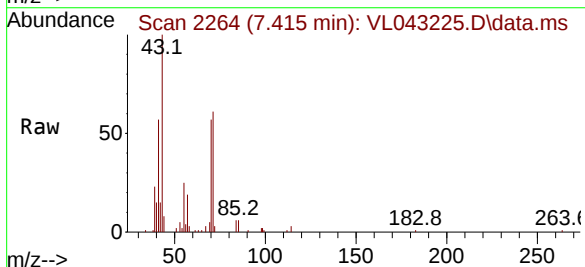
Instrument :
MSVOA_L
ClientSampleId :
SV1

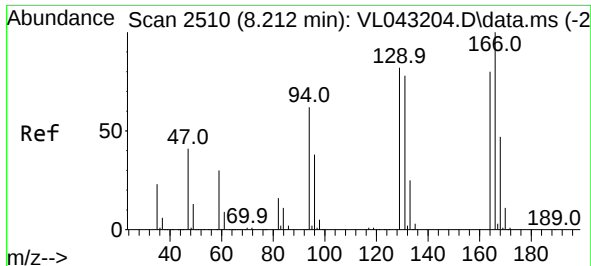
Tgt Ion: 69 Resp: 387
Ion Ratio Lower Upper
69 100
41 510.6 126.7 190.1#
100 0.0 28.6 43.0#



#51
2-Hexanone
Concen: 0.948 ppbv
RT: 7.415 min Scan# 2264
Delta R.T. -0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 43 Resp: 17857
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0

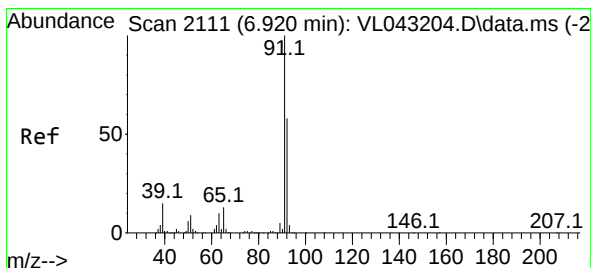
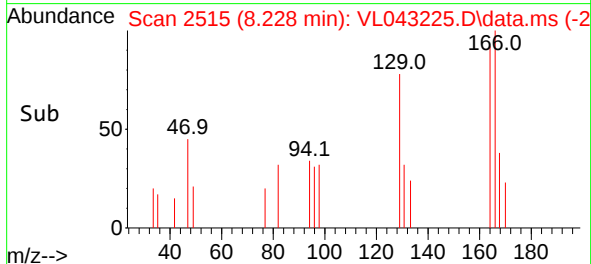
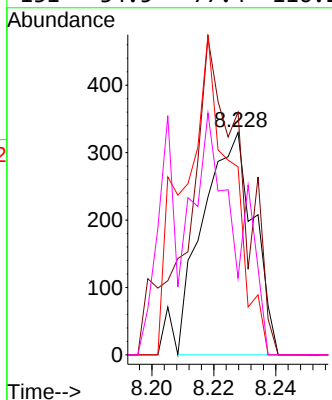
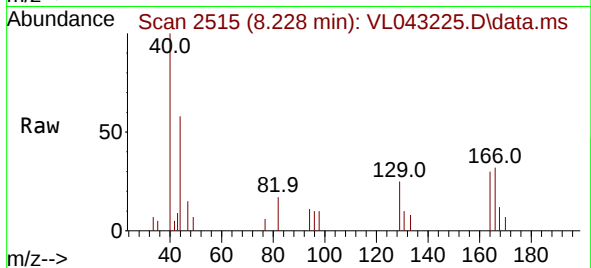




#52
Tetrachloroethene
Concen: 0.043 ppbv
RT: 8.228 min Scan# 2113
Delta R.T. 0.016 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

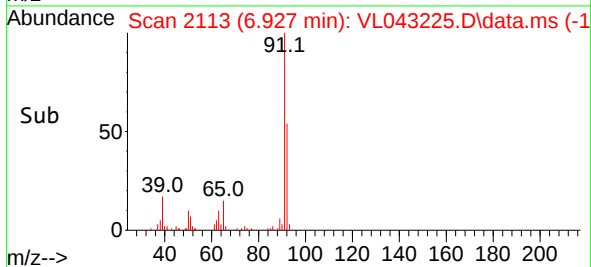
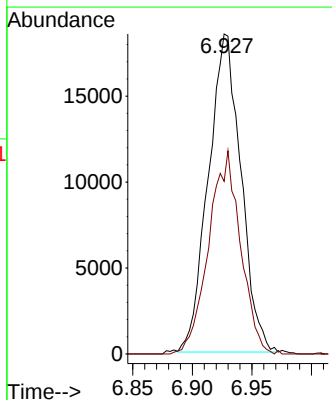
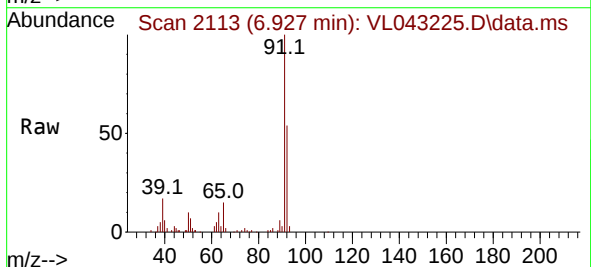
Instrument :
MSVOA_L
ClientSampleId :
SV1

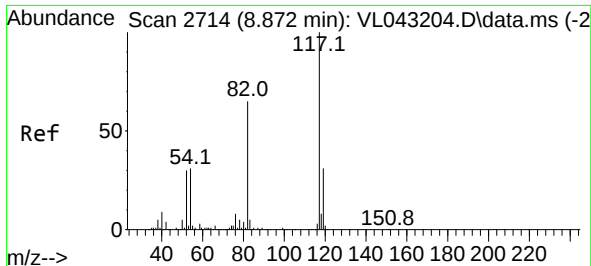
Tgt Ion:164 Resp: 375
Ion Ratio Lower Upper
164 100
166 109.1 99.4 149.2
129 84.5 81.8 122.8
131 34.5 77.4 116.2#



#53
Toluene
Concen: 1.274 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 91 Resp: 35245
Ion Ratio Lower Upper
91 100
92 62.3 47.4 71.0

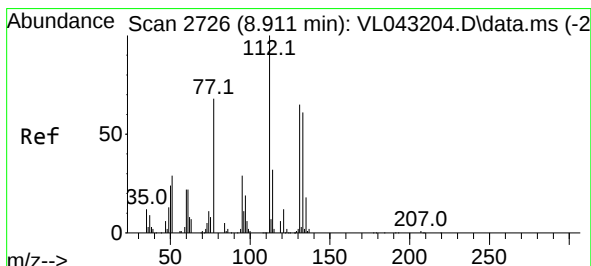
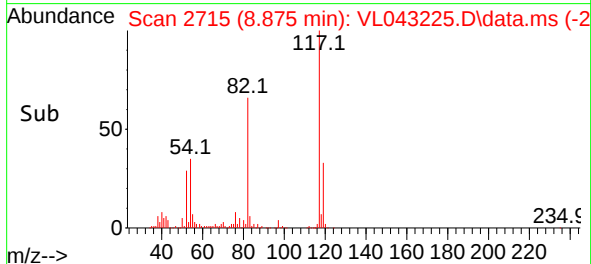
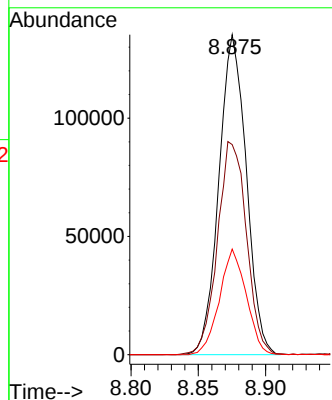
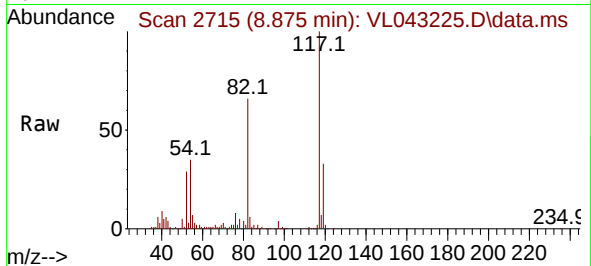




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2710
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

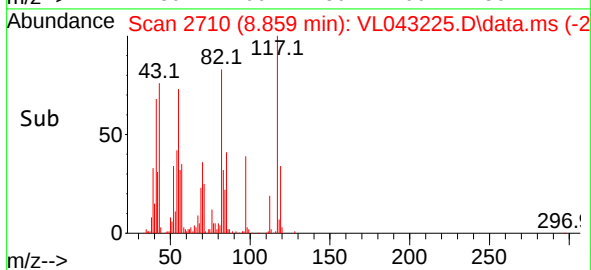
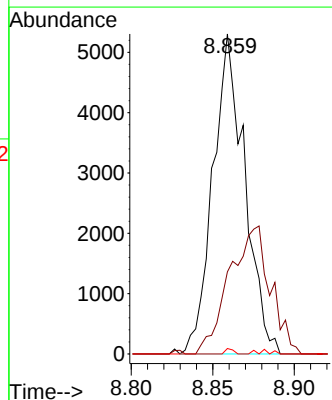
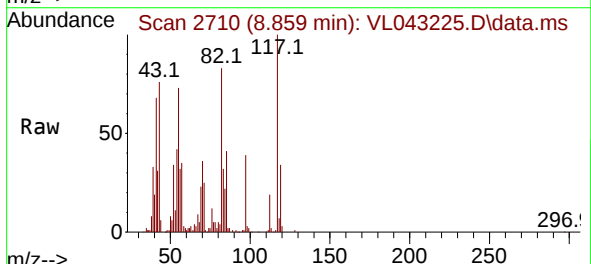
Instrument :
MSVOA_L
ClientSampleId :
SV1

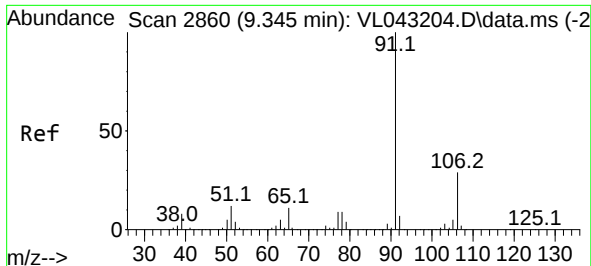
Tgt Ion:117 Resp: 191464
Ion Ratio Lower Upper
117 100
82 70.3 56.1 84.1
119 32.4 25.0 37.6



#57
Chlorobenzene
Concen: 0.366 ppbv
RT: 8.859 min Scan# 2710
Delta R.T. -0.052 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion:112 Resp: 7185
Ion Ratio Lower Upper
112 100
77 24.5 55.5 83.3#
114 1.7 29.1 35.5#

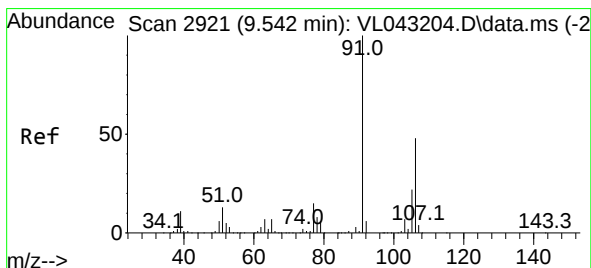
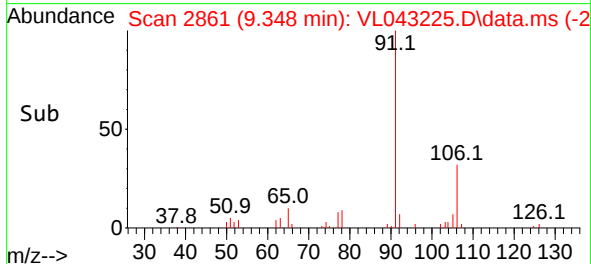
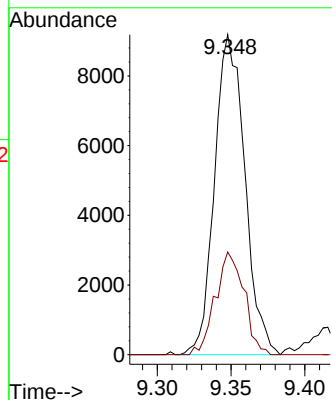
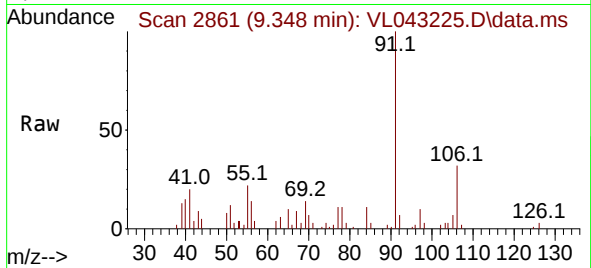




#58
Ethyl Benzene
Concen: 0.356 ppbv
RT: 9.348 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

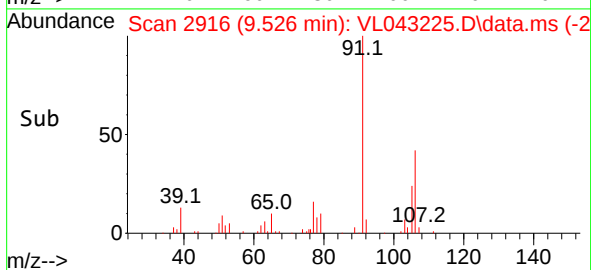
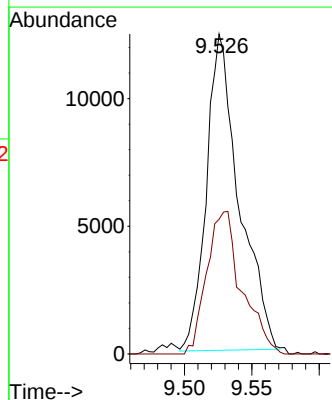
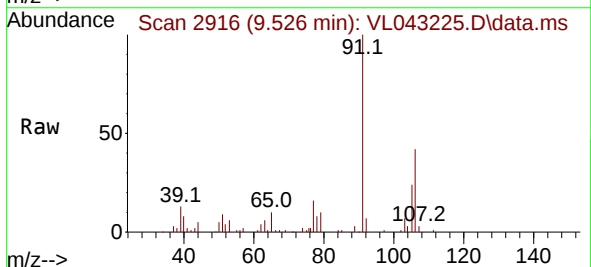
Instrument :
MSVOA_1
ClientSampleId :
SV1

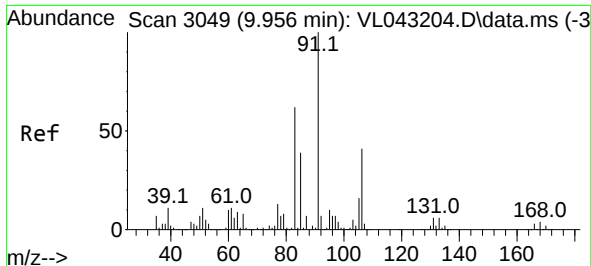
Tgt Ion: 91 Resp: 13112
Ion Ratio Lower Upper
91 100
106 32.1 22.8 34.2



#59
m/p-Xylene
Concen: 0.710 ppbv
RT: 9.526 min Scan# 2916
Delta R.T. -0.016 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 91 Resp: 20983
Ion Ratio Lower Upper
91 100
106 48.0 36.1 54.1

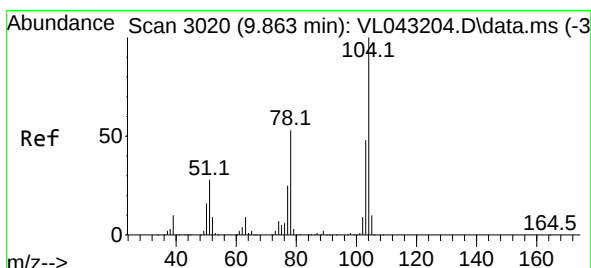
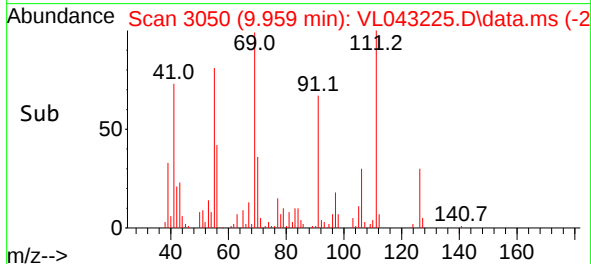
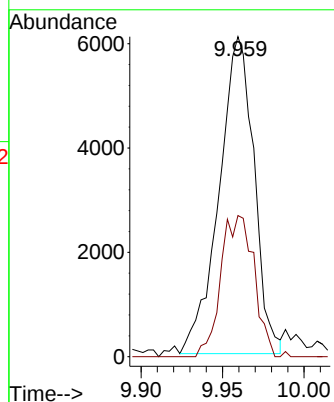
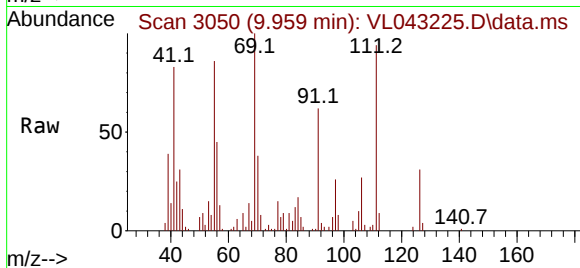




#60
o-Xylene
Concen: 0.307 ppbv
RT: 9.959 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

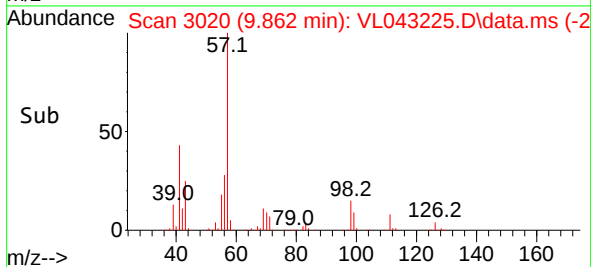
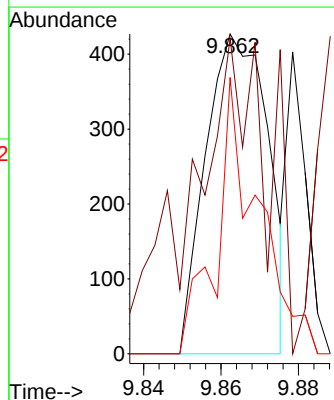
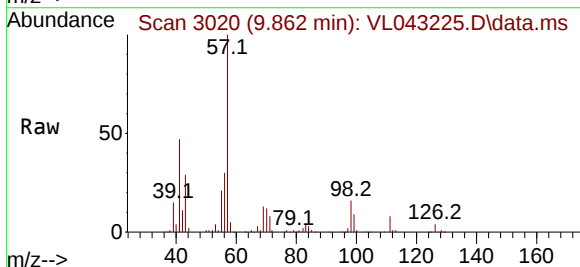
Instrument :
MSVOA_L
ClientSampleId :
SV1

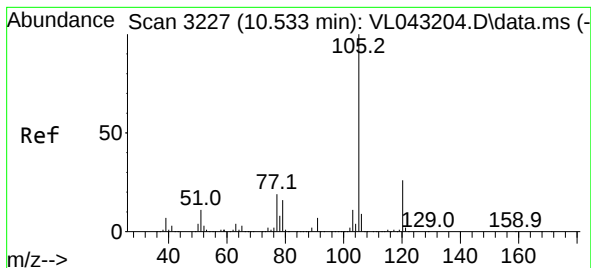
Tgt Ion: 91 Resp: 9061
Ion Ratio Lower Upper
91 100
106 42.4 20.9 62.8



#61
Styrene
Concen: 0.037 ppbv
RT: 9.862 min Scan# 3020
Delta R.T. -0.000 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 104 Resp: 479
Ion Ratio Lower Upper
104 100
78 137.0 42.1 63.1#
103 57.8 37.2 55.8#





#62

Isopropylbenzene

Concen: 0.057 ppbv

RT: 10.536 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL043225.D

Acq: 18 Nov 2025 22:05

Instrument :

MSVOA_L

ClientSampleId :

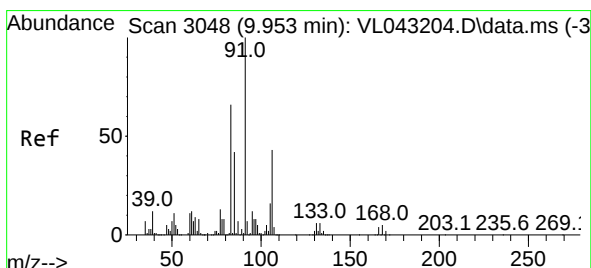
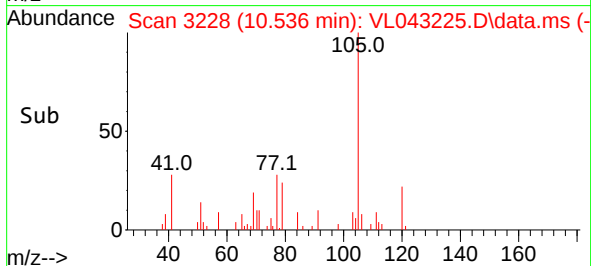
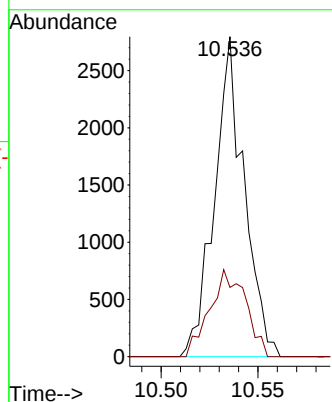
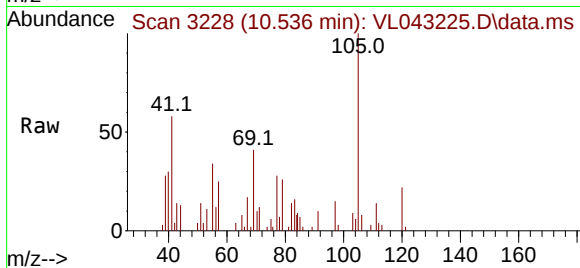
SV1

Tgt Ion:105 Resp: 2992

Ion Ratio Lower Upper

105 100

120 32.6 19.8 29.8#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.141 ppbv

RT: 9.946 min Scan# 3046

Delta R.T. -0.007 min

Lab File: VL043225.D

Acq: 18 Nov 2025 22:05

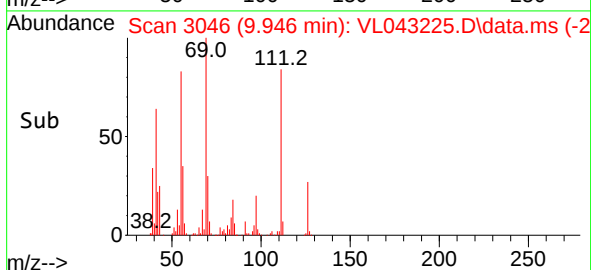
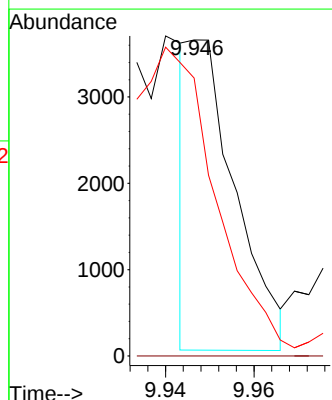
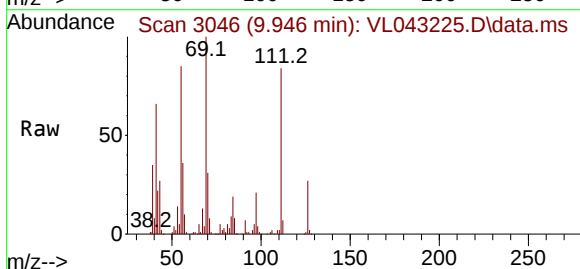
Tgt Ion: 83 Resp: 2645

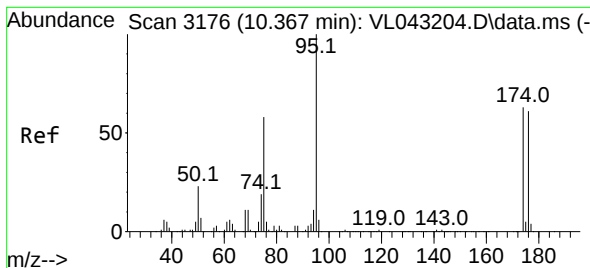
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 31.9 95.9#

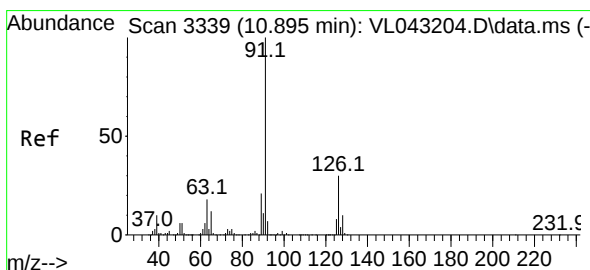
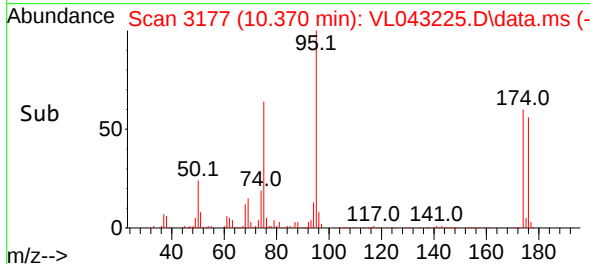
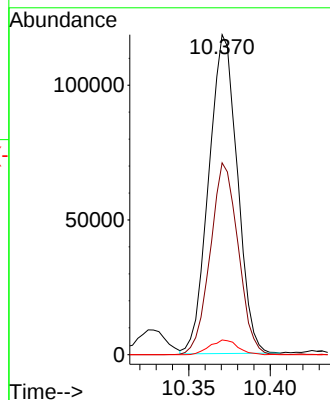
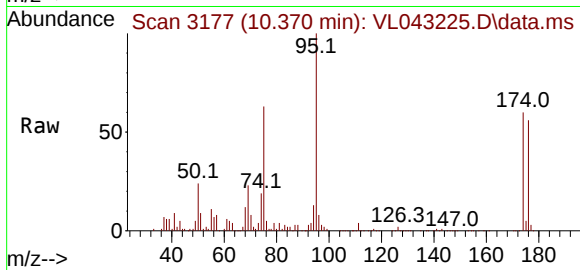




#68
1-Bromo-4-Fluorobenzene
Concen: 10.277 ppbv
RT: 10.370 min Scan# 3176
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

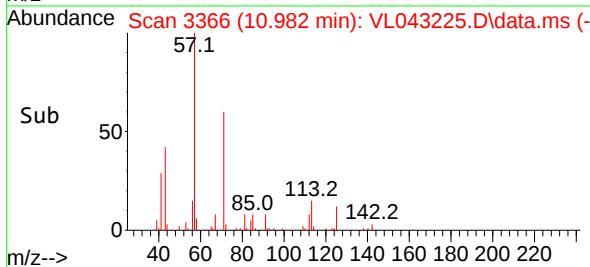
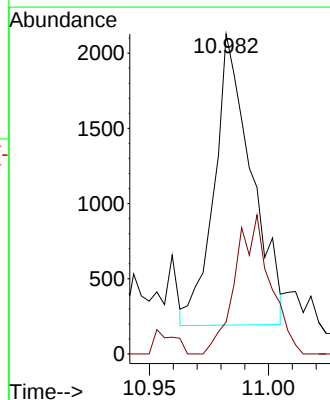
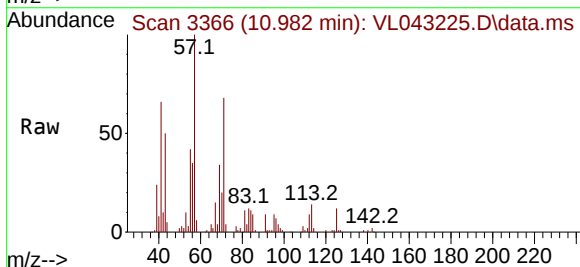
Instrument :
MSVOA_1
ClientSampleId :
SV1

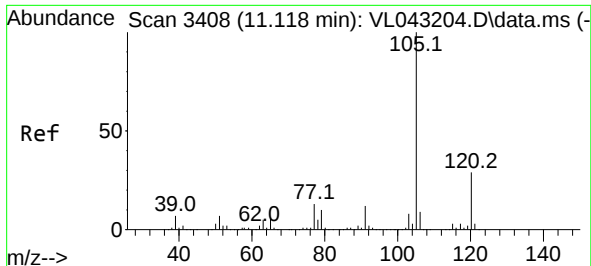
Tgt Ion: 95 Resp: 144231
Ion Ratio Lower Upper
95 100
174 58.9 50.2 75.2
175 4.5 4.1 6.1



#71
2-Chlorotoluene
Concen: 0.051 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. 0.087 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

Tgt Ion: 91 Resp: 2090
Ion Ratio Lower Upper
91 100
126 45.0 11.7 46.7

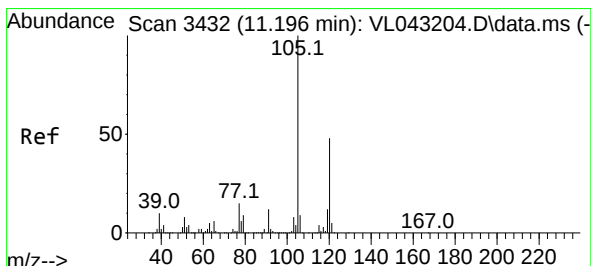
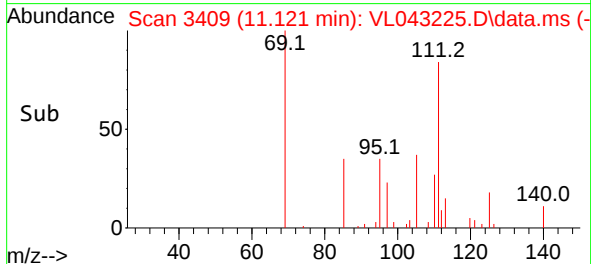
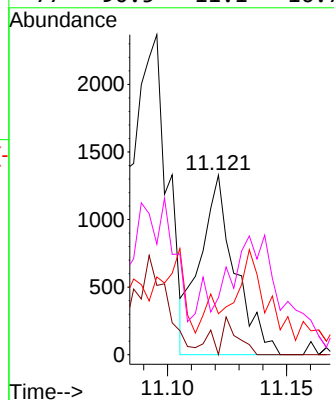
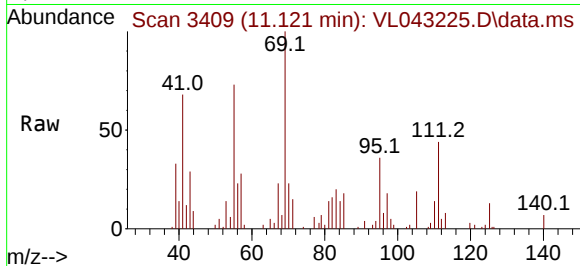




#72
4-Ethyltoluene
Concen: 0.038 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

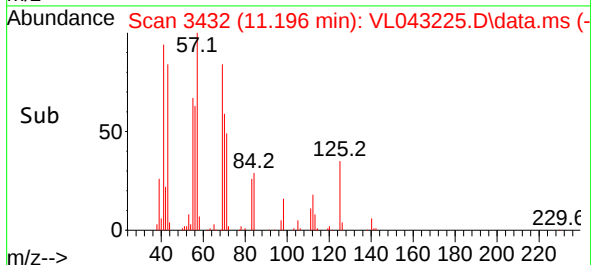
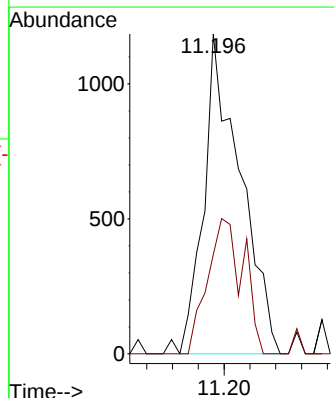
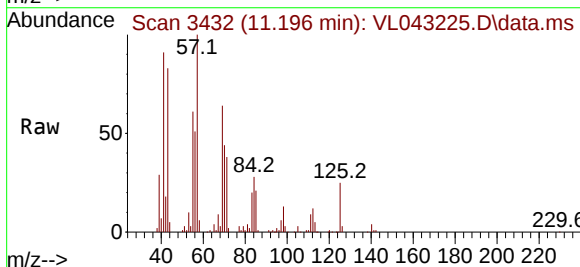
Instrument :
MSVOA_1
ClientSampleId :
SV1

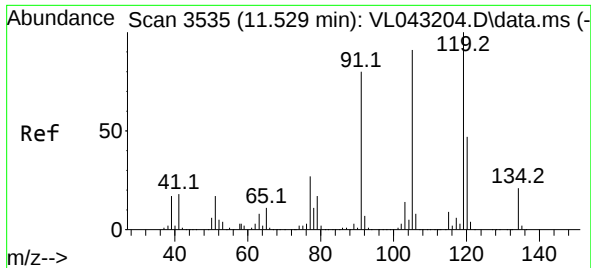
Tgt Ion:105 Resp: 1362
Ion Ratio Lower Upper
105 100
120 0.0 23.8 35.8#
91 59.0 10.3 15.5#
77 90.5 11.1 16.7#



#73
1,3,5-Trimethylbenzene
Concen: 0.038 ppbv
RT: 11.196 min Scan# 3432
Delta R.T. -0.000 min
Lab File: VL043225.D
Acq: 18 Nov 2025 22:05

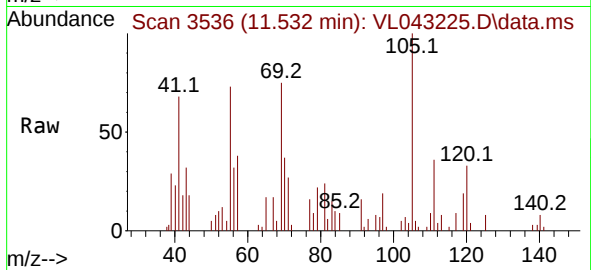
Tgt Ion:105 Resp: 1160
Ion Ratio Lower Upper
105 100
120 31.1 38.6 57.8#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.104 ppbv
 RT: 11.532 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL043225.D
 Acq: 18 Nov 2025 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1



Tgt Ion:	105	Resp:	3425
Ion	Ratio	Lower	Upper
105	100		
120	32.6	41.7	62.5#
91	9.8	70.0	105.0#
77	10.7	23.8	35.8#

