

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070825\
 Data File : VL042712.D
 Acq On : 08 Jul 2025 14:01
 Operator : SY/MD
 Sample : Q2518-02DUP 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DUP

Quant Time: Jul 09 01:29:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 2025
 Response via : Initial Calibration

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

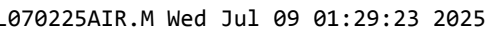
Internal Standards						
1) Bromochloromethane	2.791	49	119988	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	299588	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	285045	10.000	ppbv	0.00

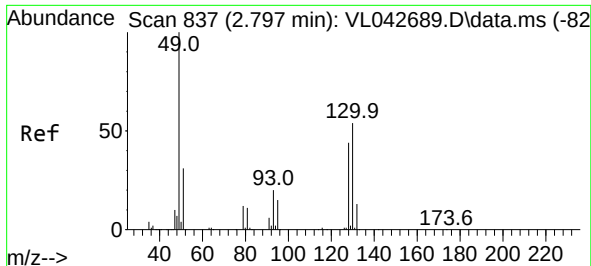
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	219323	10.003	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	809	0.064	ppbv #	86
3) Chlorodifluoromethane	1.476	51	9877	0.526	ppbv	97
4) Chloromethane	1.532	50	388	0.079	ppbv #	65
7) Chloroethane	1.706	64	148	0.078	ppbv #	78
9) Propene	1.486	41	14151	2.013	ppbv	95
10) Heptane	4.991	43	4338	0.227	ppbv #	1
11) Trichlorofluoromethane	1.878	101	469	0.035	ppbv	98
13) Ethanol	1.726	45	5689	8.388	ppbv #	37
15) Acetone	1.839	43	93719	7.875	ppbv #	86
16) 1,3-Butadiene	1.606	39	13009	2.372	ppbv #	27
17) tert-Butyl alcohol	2.046	59	894	0.077	ppbv #	6
19) Isopropyl Alcohol	1.726	45	5689	0.832	ppbv #	1
20) Methylene Chloride	2.066	84	1798	0.395	ppbv	90
21) Allyl Chloride	1.968	41	5070	0.611	ppbv #	56
23) Vinyl Acetate	2.512	43	4955	0.257	ppbv #	3
24) 1,1-Dichloroethane	2.415	63	533	0.051	ppbv #	96
25) Ethyl Acetate	2.833	43	39436	1.095	ppbv #	78
26) Hexane	2.833	57	52640	3.505	ppbv #	40
27) Carbon Disulfide	2.153	76	4934	0.403	ppbv #	1
29) Chloroform	2.855	83	2607	0.115	ppbv	85
30) Cyclohexane	3.862	84	713	0.063	ppbv #	1
34) 2-Butanone	2.561	43	322391	13.596	ppbv	100
36) Benzene	3.671	78	3488	0.116	ppbv	96
38) Trichloroethene	4.561	130	6781	0.520	ppbv	93
39) 1,2-Dichloropropane	3.969	63	77857	6.611	ppbv #	22
51) 2-Hexanone	7.451	43	29023	1.437	ppbv #	78
52) Tetrachloroethene	8.235	164	108059	10.707	ppbv	95
53) Toluene	6.946	91	17701	0.628	ppbv	99
58) Ethyl Benzene	9.361	91	4616	0.112	ppbv	92
59) m/p-Xylene	9.539	91	12390	0.359	ppbv #	79
60) o-Xylene	9.539	91	12436	0.366	ppbv	77
65) tert-Butylbenzene	11.928	119	1587	0.036	ppbv	92
69) p-Isopropyltoluene	11.928	119	1822	0.034	ppbv #	83
71) 2-Chlorotoluene	10.995	91	3238	0.085	ppbv	95
72) 4-Ethyltoluene	11.128	105	2666	0.064	ppbv #	47
73) 1,3,5-Trimethylbenzene	11.209	105	3217	0.092	ppbv	87
74) 1,2,4-Trimethylbenzene	11.542	105	10299	0.258	ppbv #	67
79) Naphthalene	13.514	128	1403	0.042	ppbv #	1

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

Quant Time: Jul 09 01:29:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 03 01:50:16 2025
Response via : Initial Calibration

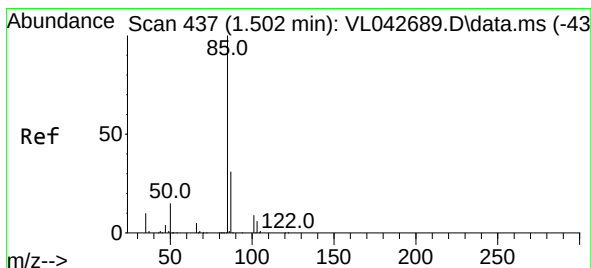
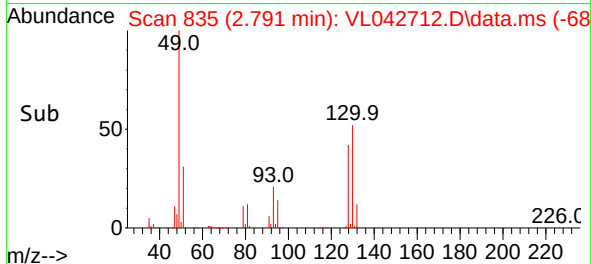
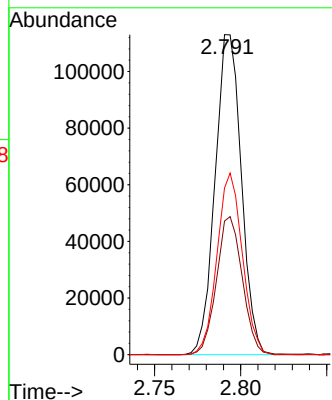
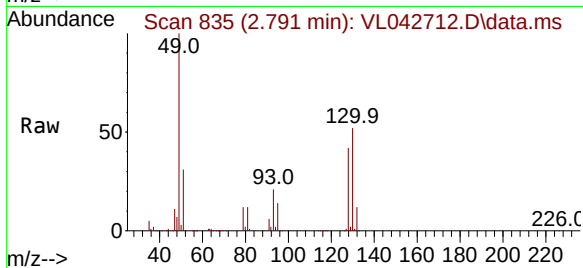




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

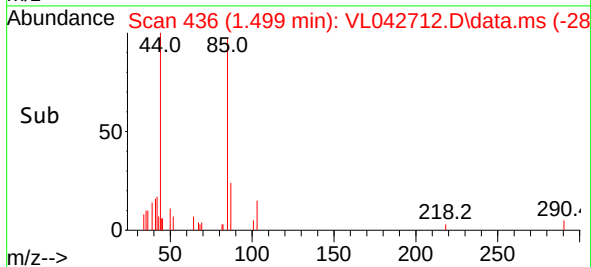
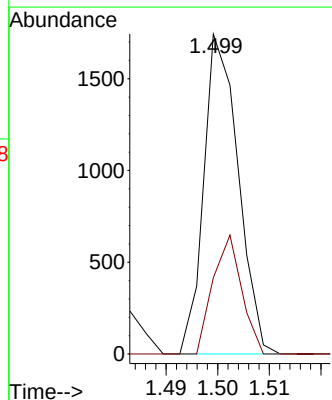
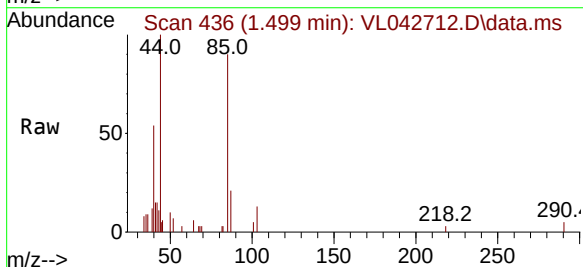
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

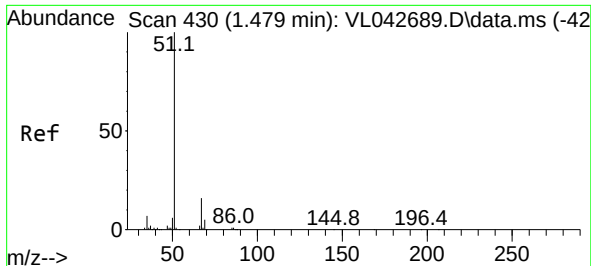
Tgt Ion: 49 Resp: 119988
Ion Ratio Lower Upper
49 100
128 42.3 21.4 64.2
130 55.0 28.0 84.0



#2
Dichlorodifluoromethane
Concen: 0.064 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 85 Resp: 809
Ion Ratio Lower Upper
85 100
87 23.8 25.1 37.7#

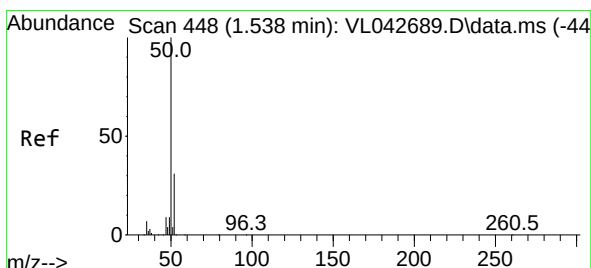
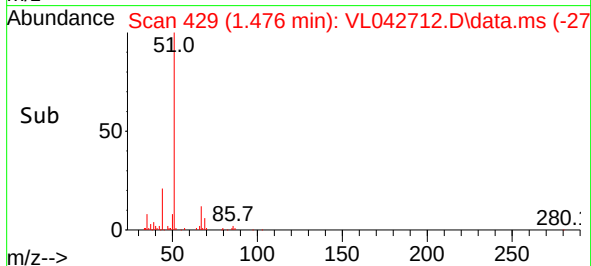
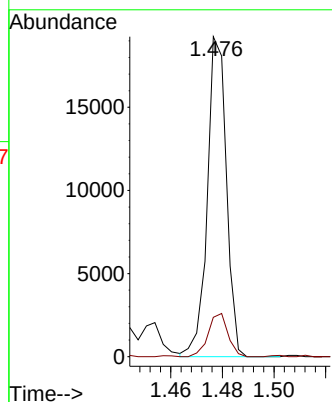
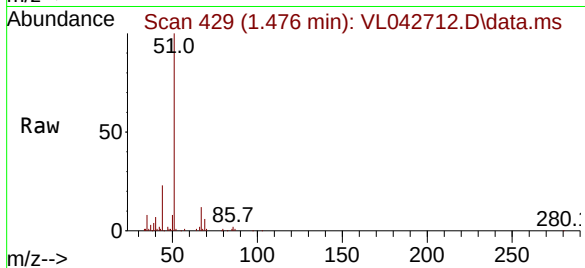




#3
Chlorodifluoromethane
Concen: 0.526 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

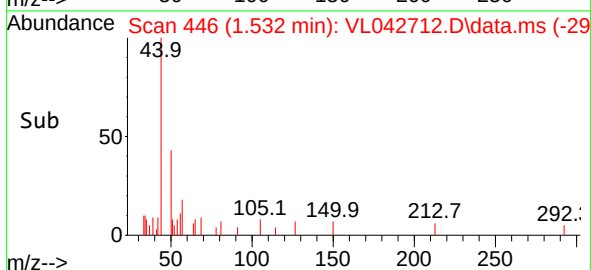
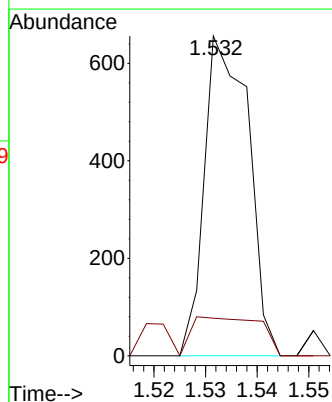
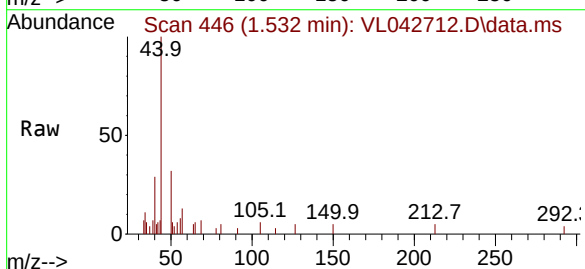
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

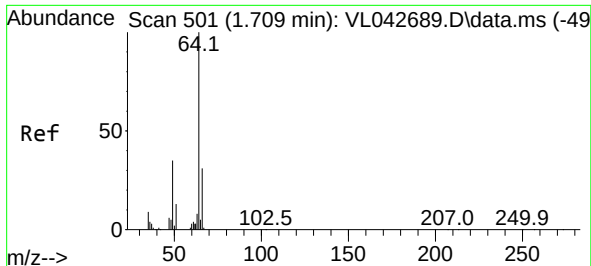
Tgt Ion: 51 Resp: 9877
Ion Ratio Lower Upper
51 100
67 15.1 13.1 19.7



#4
Chloromethane
Concen: 0.079 ppbv
RT: 1.532 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 11.7 24.8 37.2#

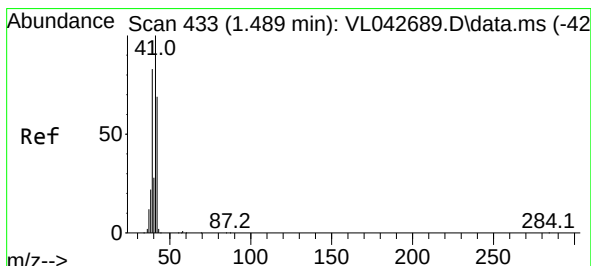
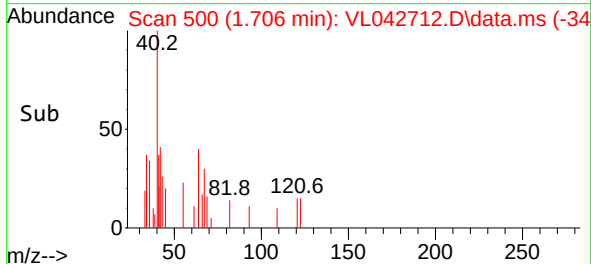
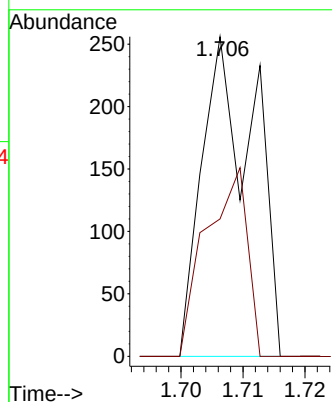
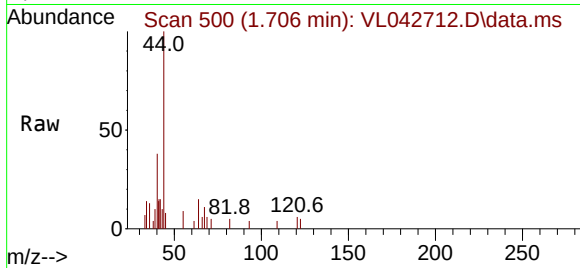




#7
Chloroethane
Concen: 0.078 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

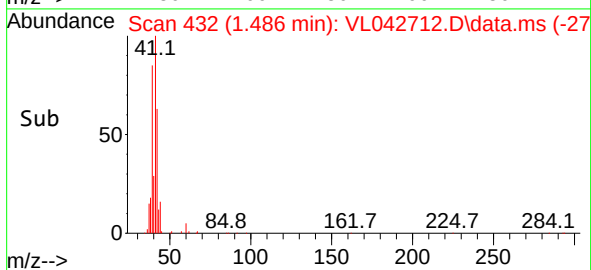
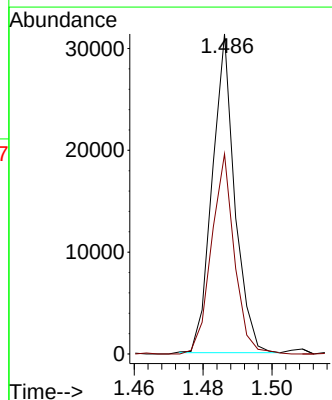
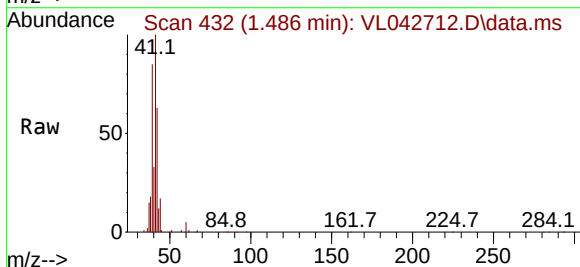
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

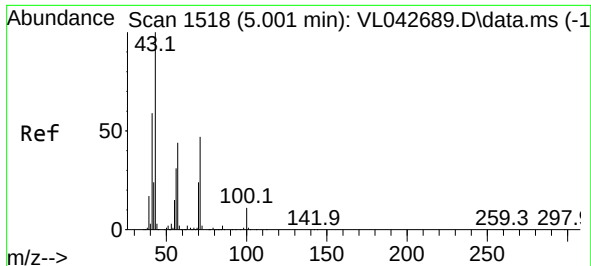
Tgt Ion: 64 Resp: 148
Ion Ratio Lower Upper
64 100
66 43.0 24.7 37.1#



#9
Propene
Concen: 2.013 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 41 Resp: 14151
Ion Ratio Lower Upper
41 100
42 65.1 55.6 83.4

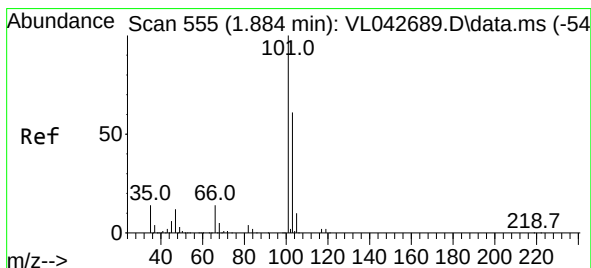
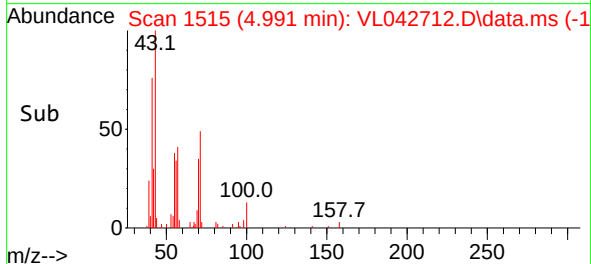
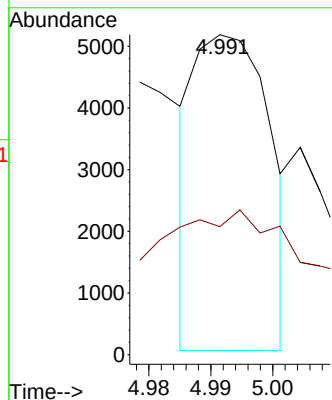
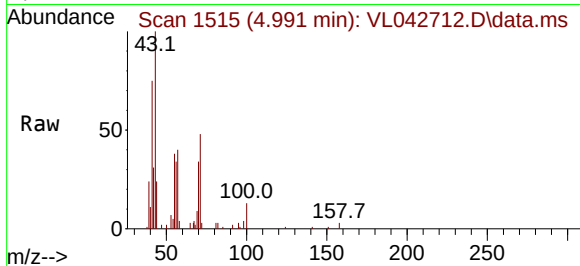




#10
Heptane
Concen: 0.227 ppbv
RT: 4.991 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

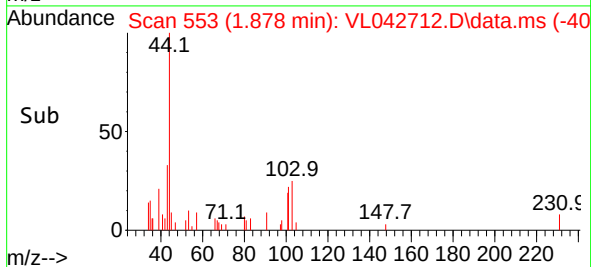
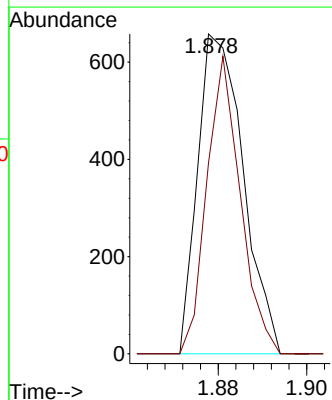
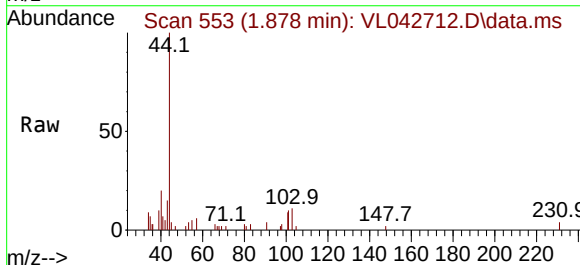
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

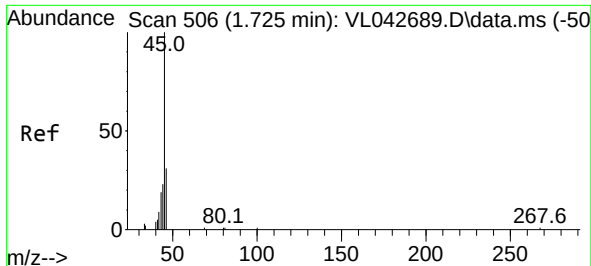
Tgt Ion: 43 Resp: 4338
Ion Ratio Lower Upper
43 100
57 125.4 37.4 56.0#



#11
Trichlorofluoromethane
Concen: 0.035 ppbv
RT: 1.878 min Scan# 553
Delta R.T. -0.006 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion:101 Resp: 469
Ion Ratio Lower Upper
101 100
103 59.7 48.9 73.3

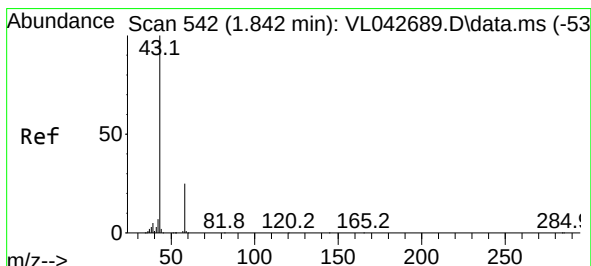
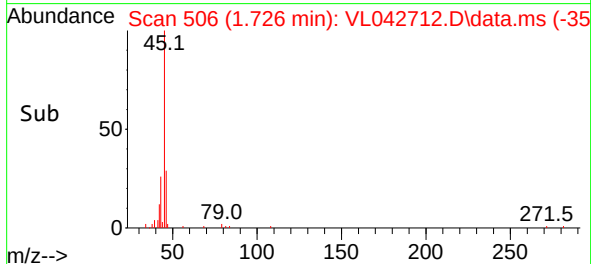
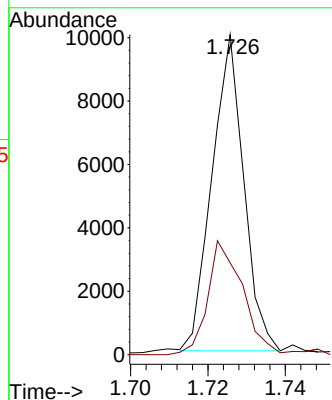
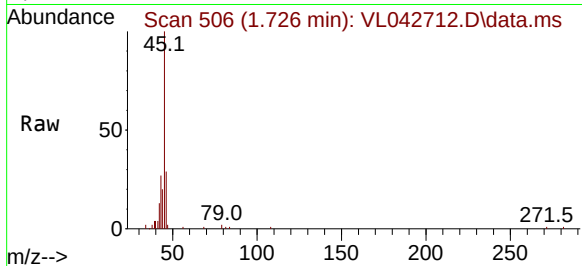




#13
Ethanol
Concen: 8.388 ppbv
RT: 1.726 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

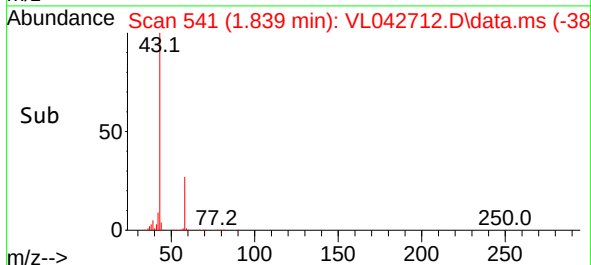
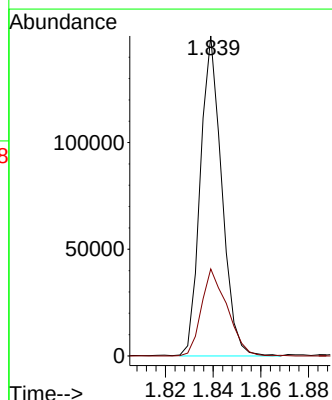
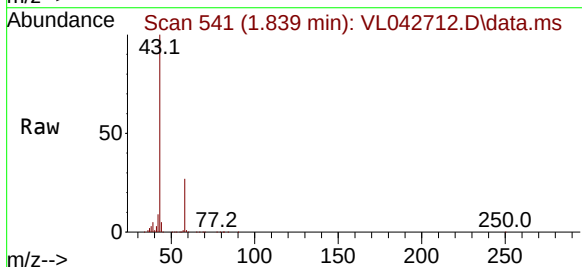
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

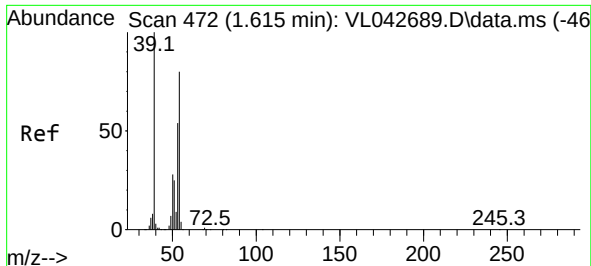
Tgt Ion: 45 Resp: 5689
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#



#15
Acetone
Concen: 7.875 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 43 Resp: 93719
Ion Ratio Lower Upper
43 100
58 32.8 20.6 31.0#

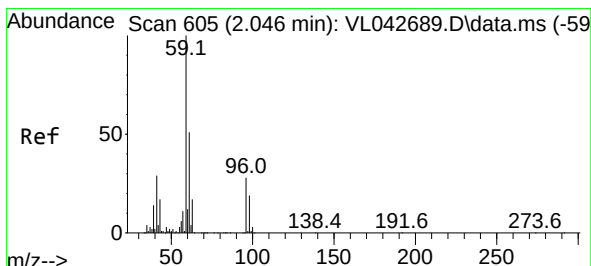
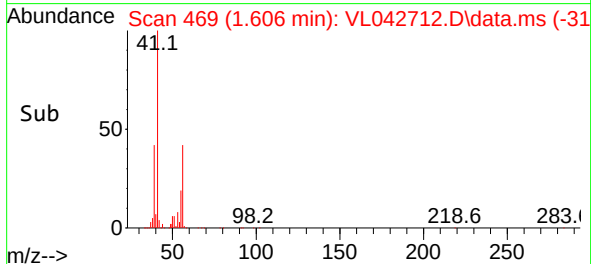
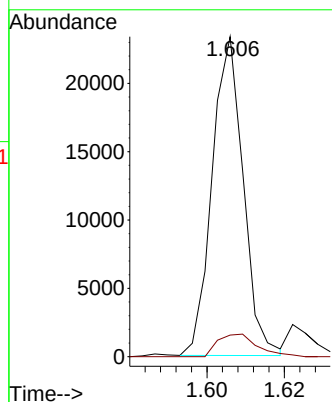
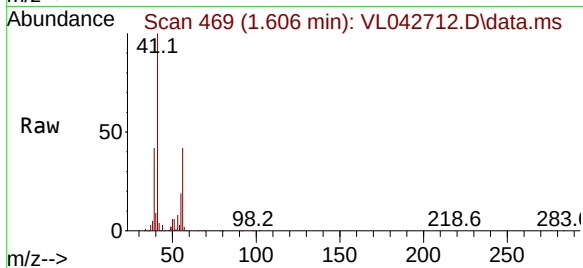




#16
1,3-Butadiene
Concen: 2.372 ppbv
RT: 1.606 min Scan# 41
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

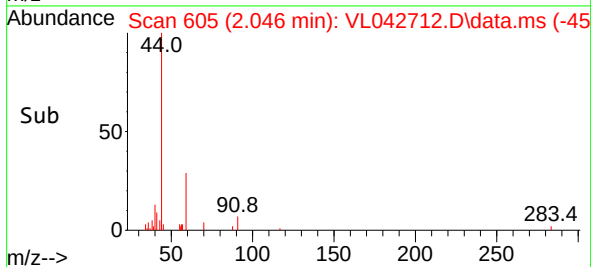
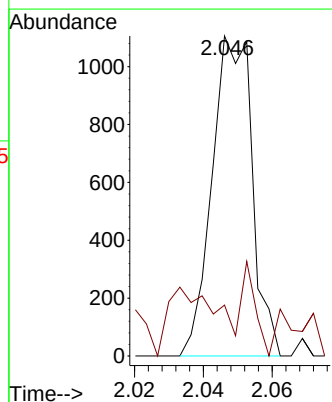
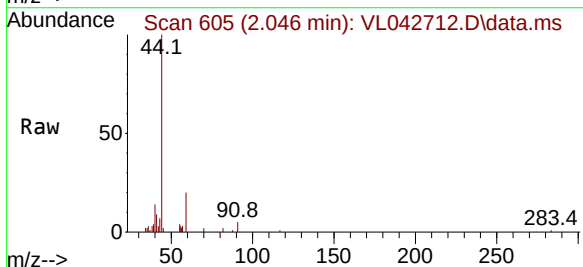
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

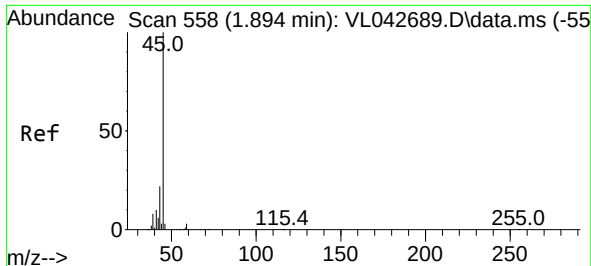
Tgt Ion: 39 Resp: 13009
Ion Ratio Lower Upper
39 100
54 9.0 54.9 82.3#



#17
tert-Butyl alcohol
Concen: 0.077 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 59 Resp: 894
Ion Ratio Lower Upper
59 100
57 46.8 8.8 13.2#





#19

Isopropyl Alcohol

Concen: 0.832 ppbv

RT: 1.726 min Scan# 50

Delta R.T. -0.168 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Instrument :

MSVOA_L

ClientSampleId :

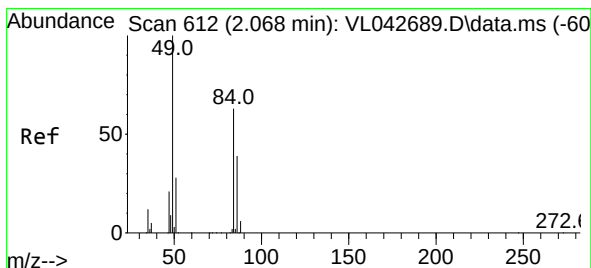
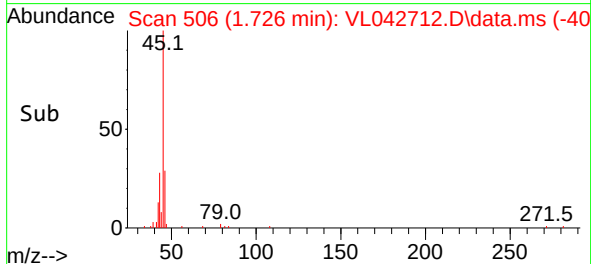
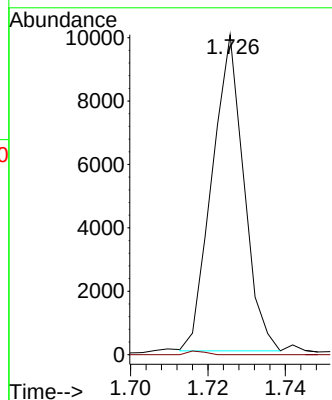
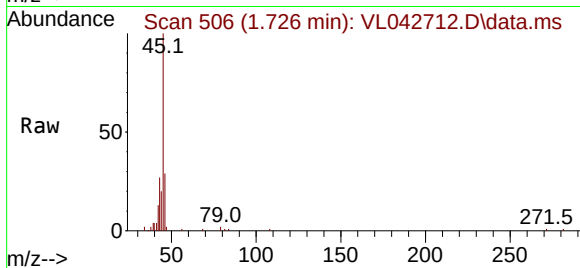
SV2DUP

Tgt Ion: 45 Resp: 5689

Ion Ratio Lower Upper

45 100

58 540.2 1.4 2.2#



#20

Methylene Chloride

Concen: 0.395 ppbv

RT: 2.066 min Scan# 611

Delta R.T. -0.003 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Tgt Ion: 84 Resp: 1798

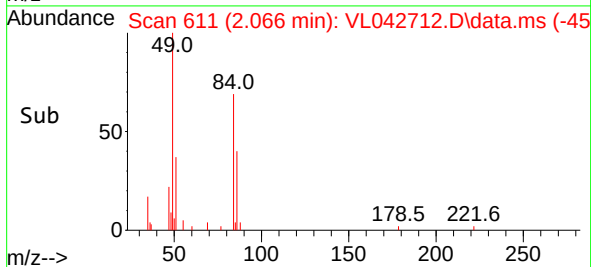
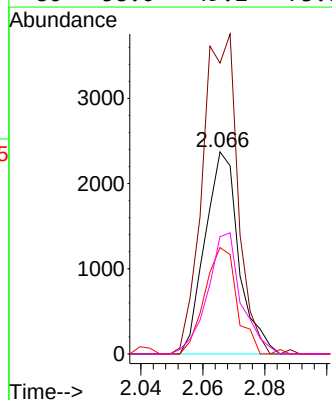
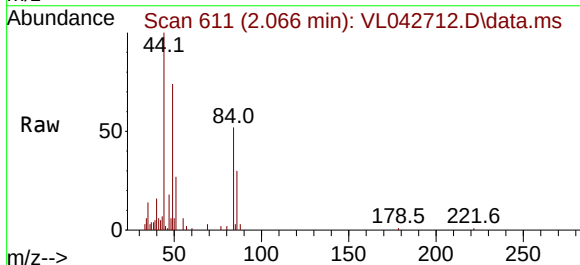
Ion Ratio Lower Upper

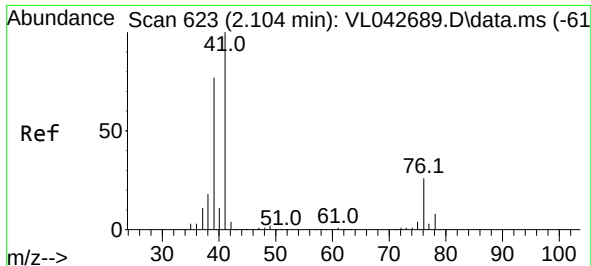
84 100

49 144.0 128.6 193.0

51 52.7 37.4 56.2

86 58.0 49.2 73.8

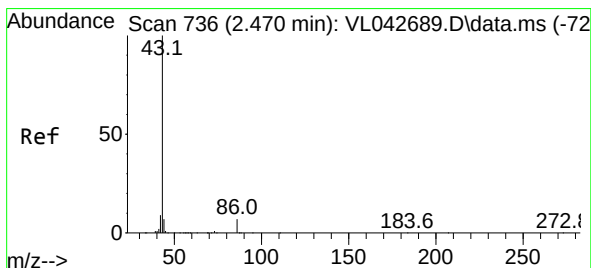
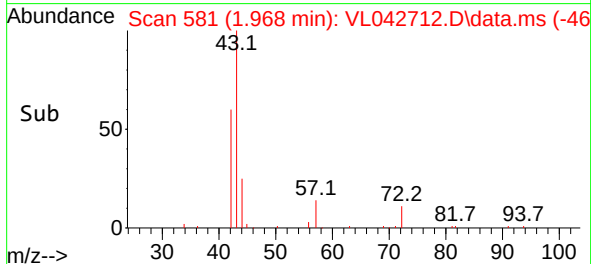
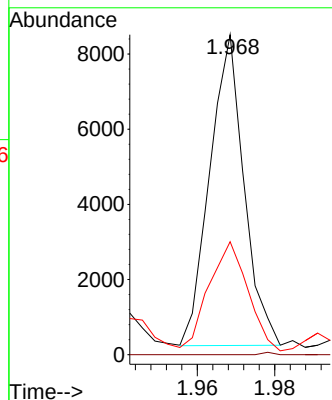
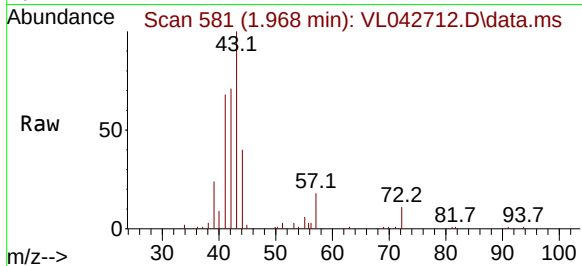




#21
 Allyl Chloride
 Concen: 0.611 ppbv
 RT: 1.968 min Scan# 51
 Delta R.T. -0.136 min
 Lab File: VL042712.D
 Acq: 08 Jul 2025 14:01

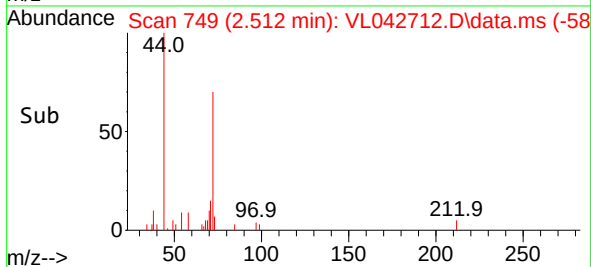
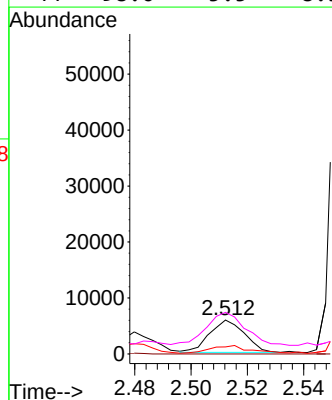
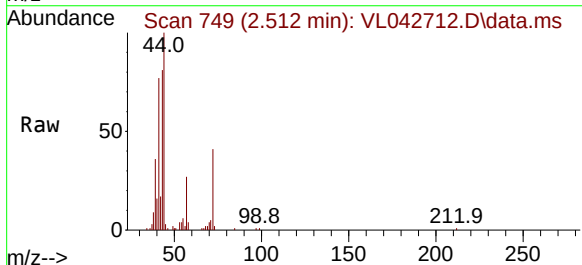
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DUP

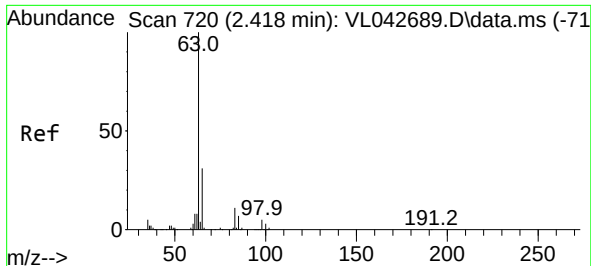
Tgt Ion: 41 Resp: 5070
 Ion Ratio Lower Upper
 41 100
 76 0.0 21.7 32.5#
 39 42.6 63.4 95.2#



#23
 Vinyl Acetate
 Concen: 0.257 ppbv
 RT: 2.512 min Scan# 749
 Delta R.T. 0.042 min
 Lab File: VL042712.D
 Acq: 08 Jul 2025 14:01

Tgt Ion: 43 Resp: 4955
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.8 8.6#
 42 19.5 7.2 10.8#
 44 98.0 5.5 8.3#

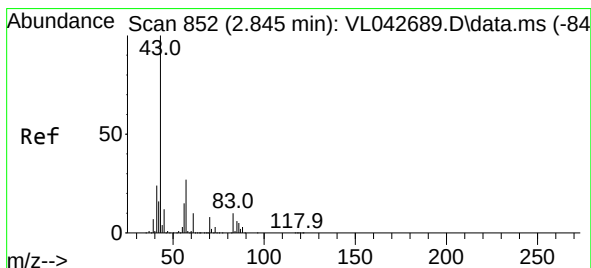
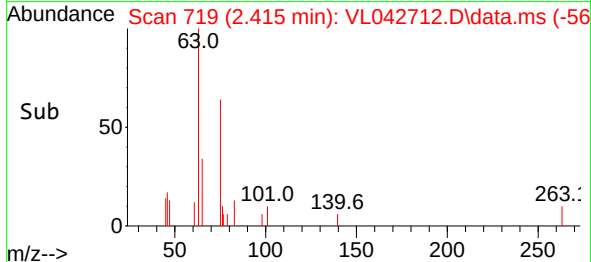
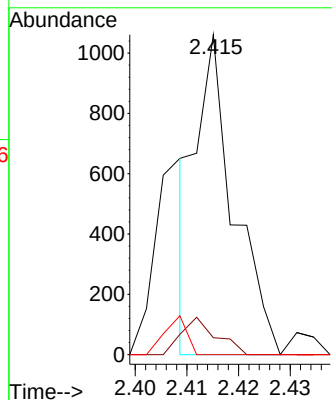
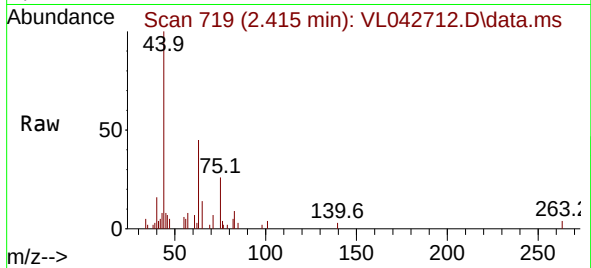




#24
1,1-Dichloroethane
Concen: 0.051 ppbv
RT: 2.415 min Scan# 719
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

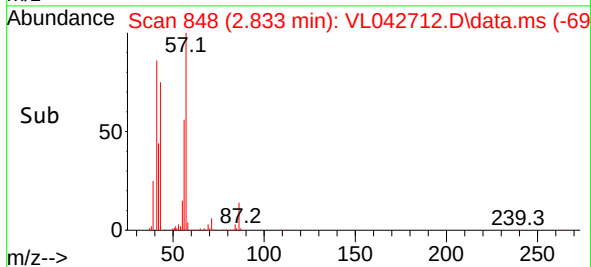
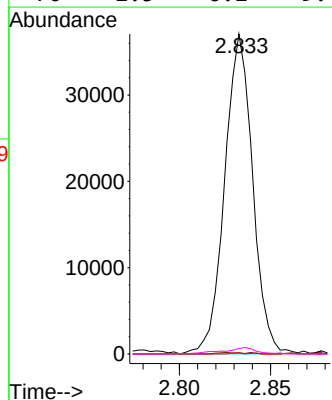
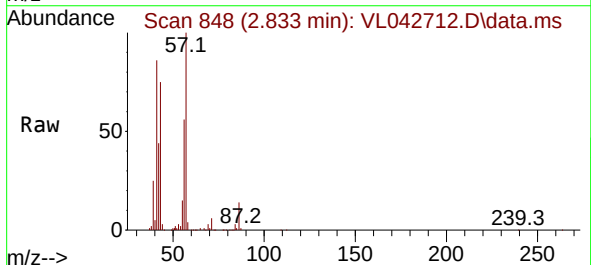
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

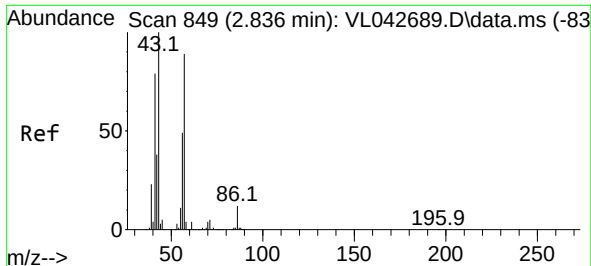
Tgt Ion: 63 Resp: 533
Ion Ratio Lower Upper
63 100
98 5.3 2.5 7.6
100 0.0 1.7 5.0#



#25
Ethyl Acetate
Concen: 1.095 ppbv
RT: 2.833 min Scan# 848
Delta R.T. -0.013 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 43 Resp: 39436
Ion Ratio Lower Upper
43 100
45 0.5 8.1 12.1#
61 0.0 7.0 10.6#
70 2.5 6.2 9.4#

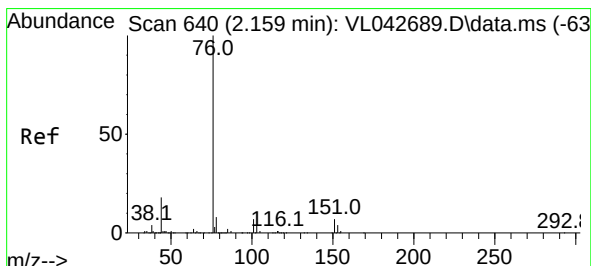
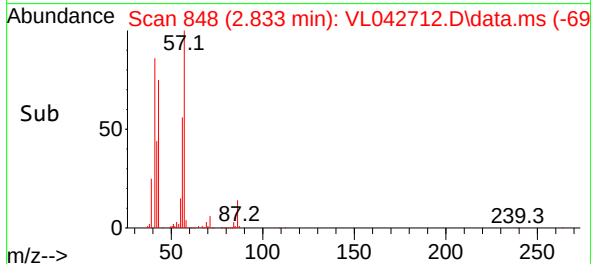
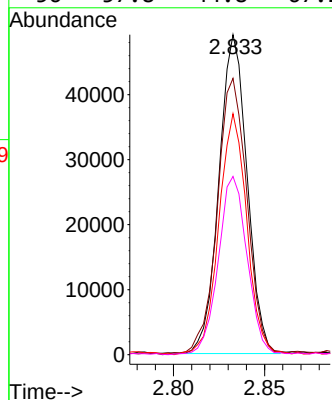
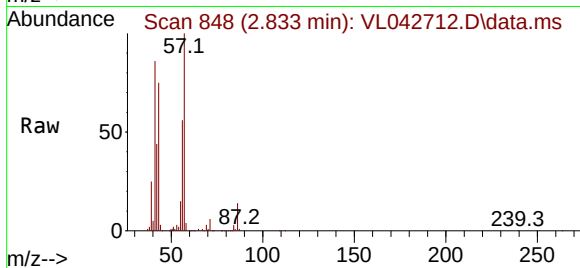




#26
Hexane
Concen: 3.505 ppbv
RT: 2.833 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

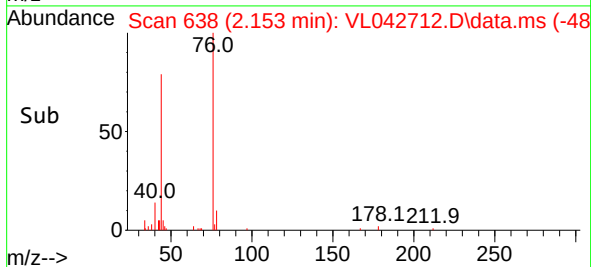
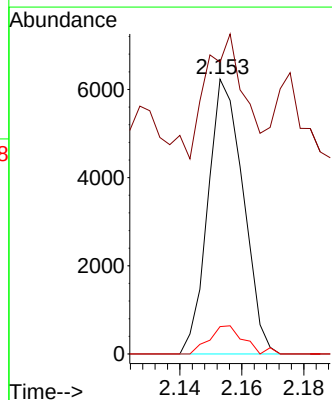
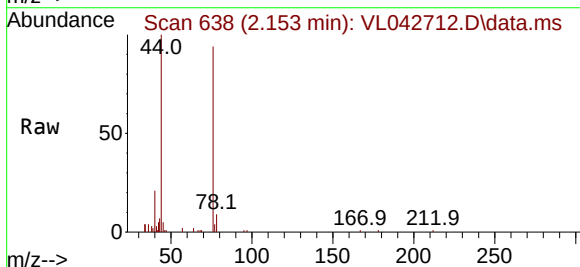
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

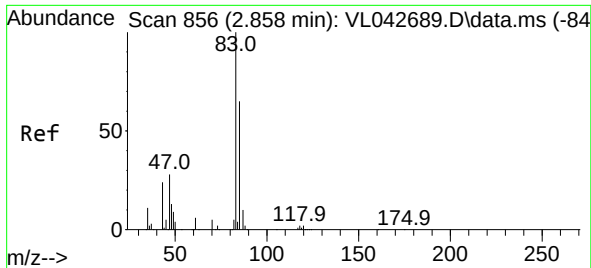
Tgt Ion:	57	Resp:	52640
Ion	Ratio	Lower	Upper
57	100		
41	91.3	73.7	110.5
43	74.1	190.6	285.8#
56	57.8	44.8	67.2



#27
Carbon Disulfide
Concen: 0.403 ppbv
RT: 2.153 min Scan# 638
Delta R.T. -0.006 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion:	76	Resp:	4934
Ion	Ratio	Lower	Upper
76	100		
44	446.0	15.6	23.4#
78	10.1	9.2	13.8

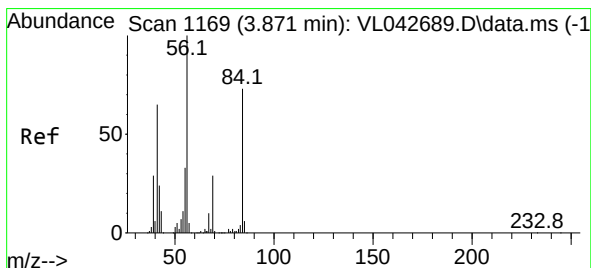
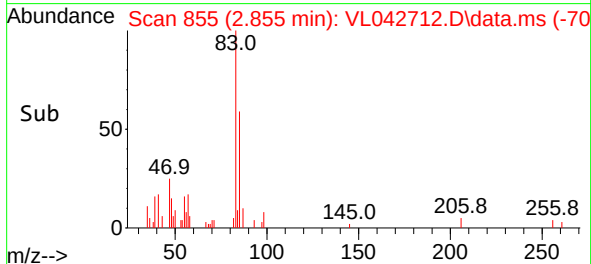
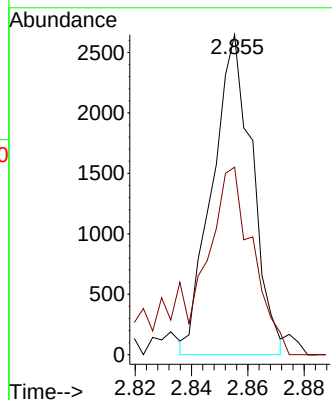
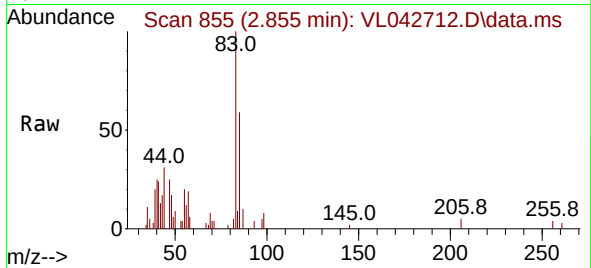




#29
Chloroform
Concen: 0.115 ppbv
RT: 2.855 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

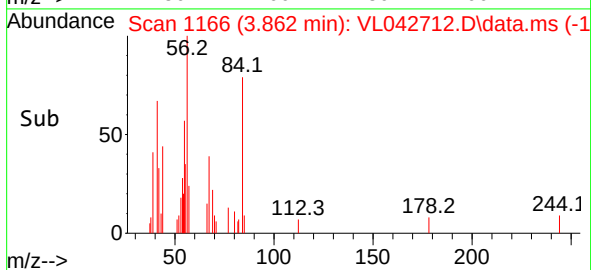
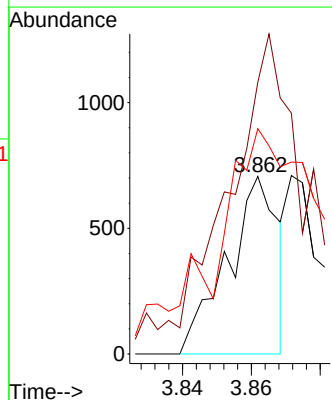
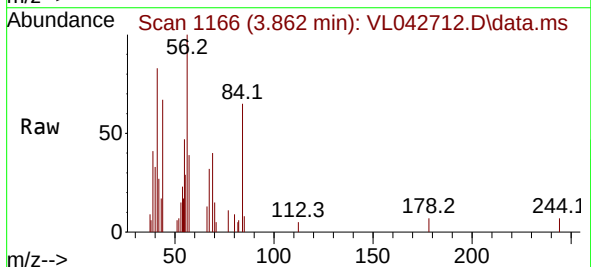
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

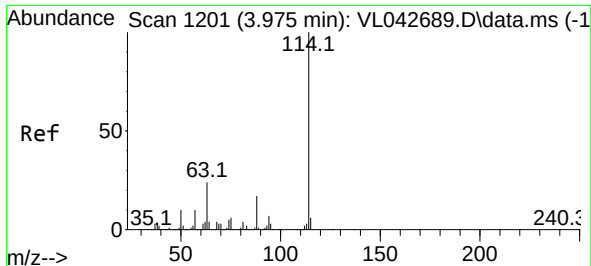
Tgt Ion: 83 Resp: 2607
Ion Ratio Lower Upper
83 100
85 53.9 52.4 78.6



#30
Cyclohexane
Concen: 0.063 ppbv
RT: 3.862 min Scan# 1166
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 84 Resp: 713
Ion Ratio Lower Upper
84 100
56 327.5 110.4 165.6#
41 291.2 71.4 107.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.009 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Instrument :

MSVOA_L

ClientSampleId :

SV2DUP

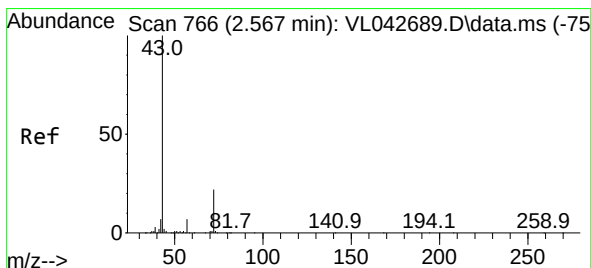
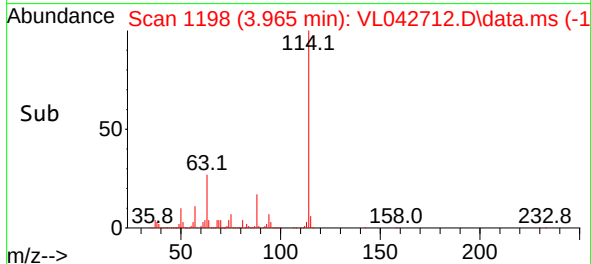
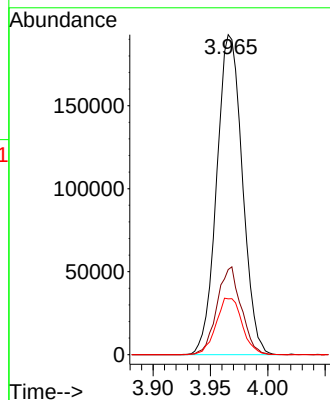
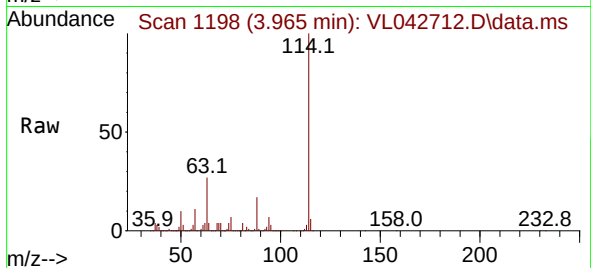
Tgt Ion:114 Resp: 299588

Ion Ratio Lower Upper

114 100

63 26.0 20.4 30.6

88 17.9 14.2 21.2



#34

2-Butanone

Concen: 13.596 ppbv

RT: 2.561 min Scan# 764

Delta R.T. -0.006 min

Lab File: VL042712.D

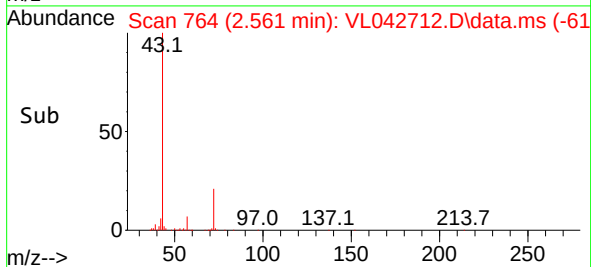
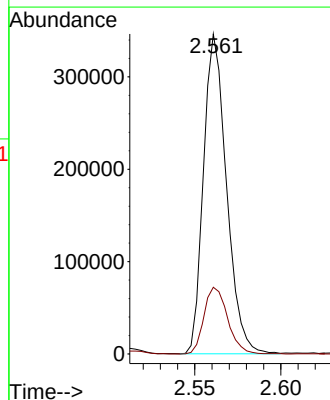
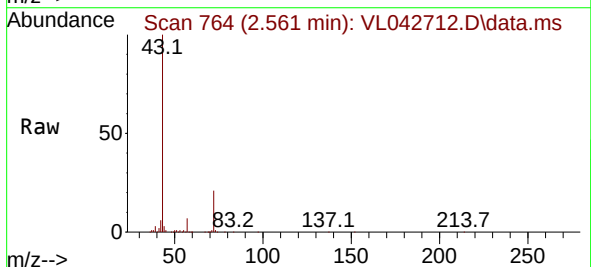
Acq: 08 Jul 2025 14:01

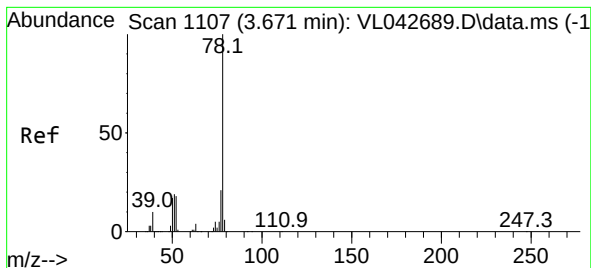
Tgt Ion: 43 Resp: 322391

Ion Ratio Lower Upper

43 100

72 21.5 17.1 25.7





#36

Benzene

Concen: 0.116 ppbv

RT: 3.671 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Instrument :

MSVOA_L

ClientSampleId :

SV2DUP

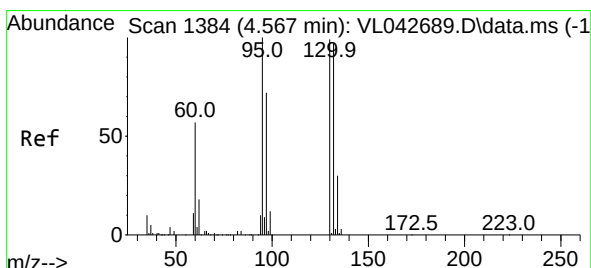
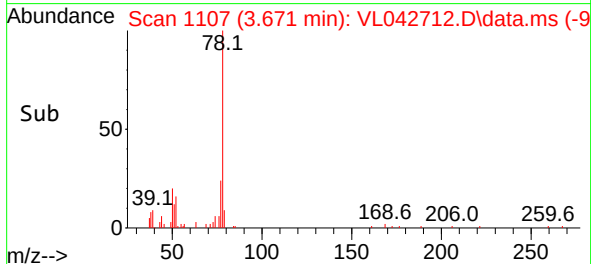
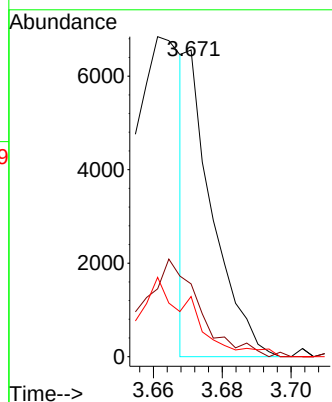
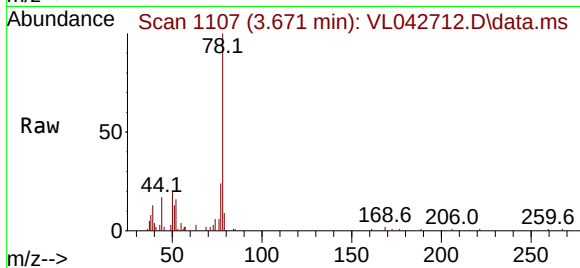
Tgt Ion: 78 Resp: 3488

Ion Ratio Lower Upper

78 100

77 22.3 17.0 25.4

50 19.6 13.7 20.5



#38

Trichloroethene

Concen: 0.520 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Tgt Ion: 130 Resp: 6781

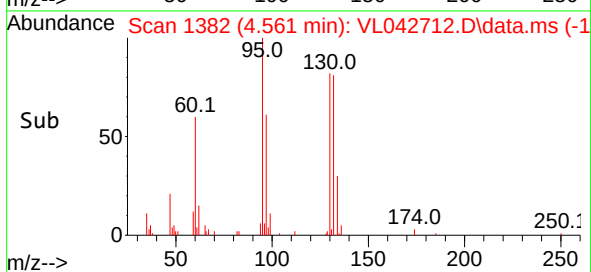
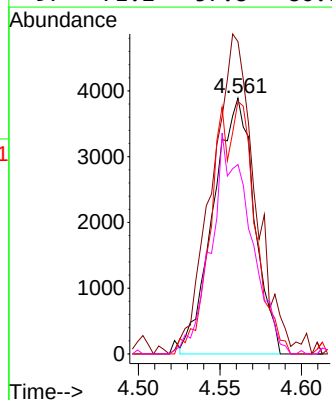
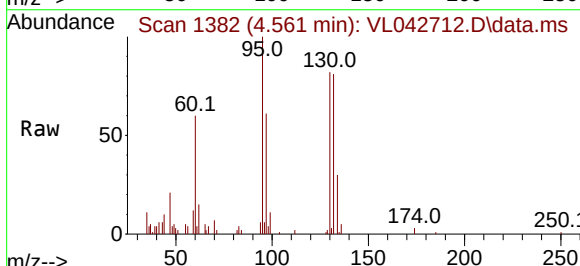
Ion Ratio Lower Upper

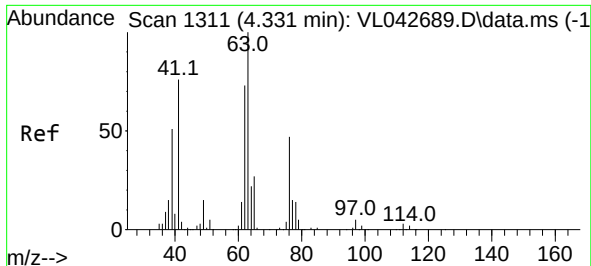
130 100

95 116.2 81.1 121.7

132 93.3 77.9 116.9

97 71.2 57.8 86.8





#39

1,2-Dichloropropane

Concen: 6.611 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. -0.362 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Instrument :

MSVOA_L

ClientSampleId :

SV2DUP

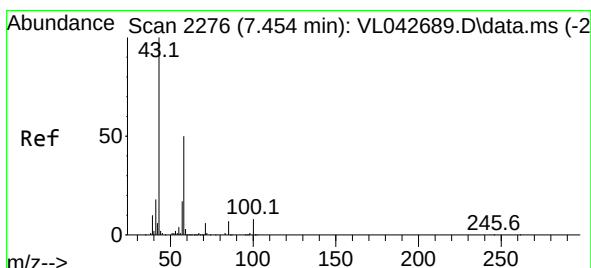
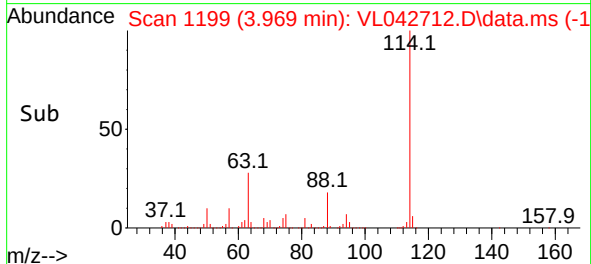
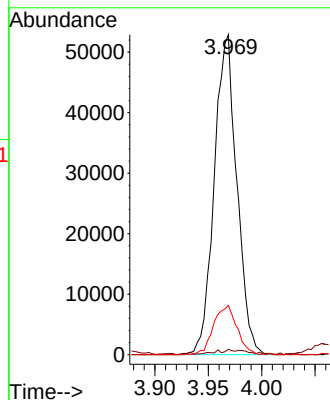
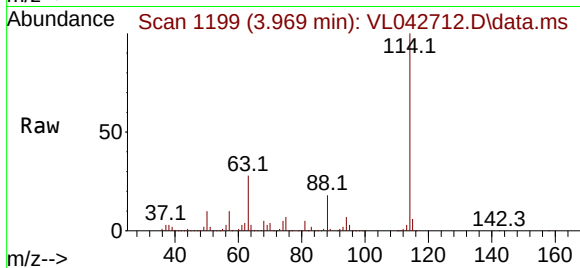
Tgt Ion: 63 Resp: 77857

Ion Ratio Lower Upper

63 100

41 1.8 60.8 91.2#

62 15.4 58.6 87.8#



#51

2-Hexanone

Concen: 1.437 ppbv

RT: 7.451 min Scan# 2275

Delta R.T. -0.003 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

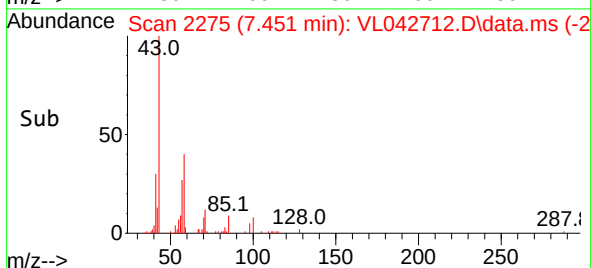
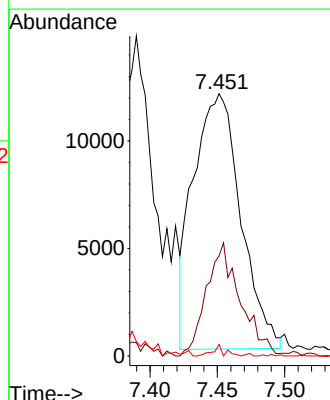
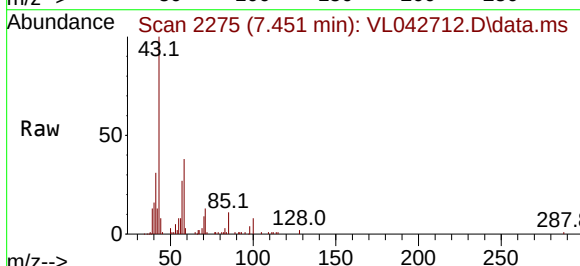
Tgt Ion: 43 Resp: 29023

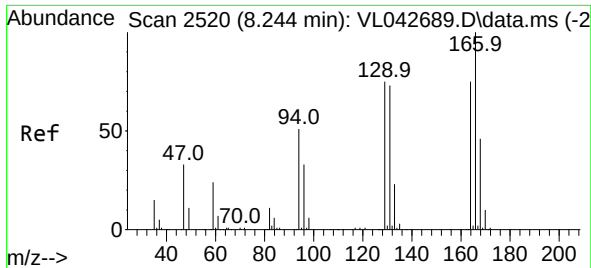
Ion Ratio Lower Upper

43 100

58 32.8 38.6 57.8#

98 1.2 0.6 1.0#

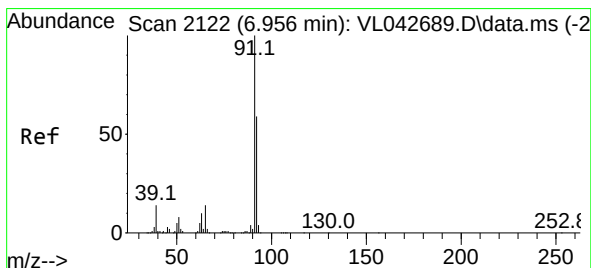
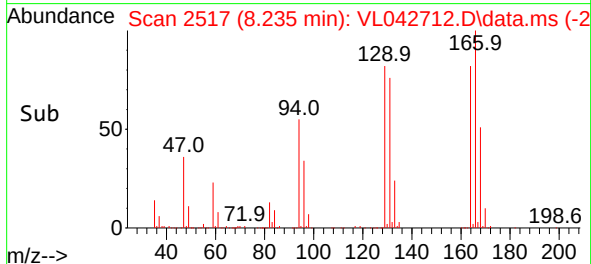
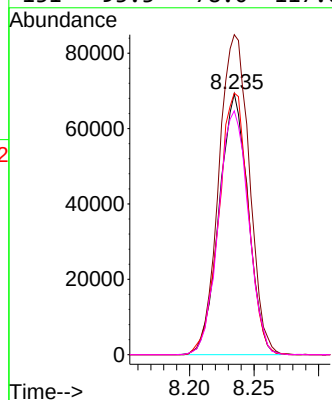
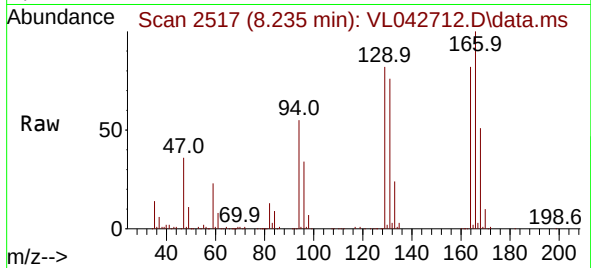




#52
Tetrachloroethene
Concen: 10.707 ppbv
RT: 8.235 min Scan# 2119
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

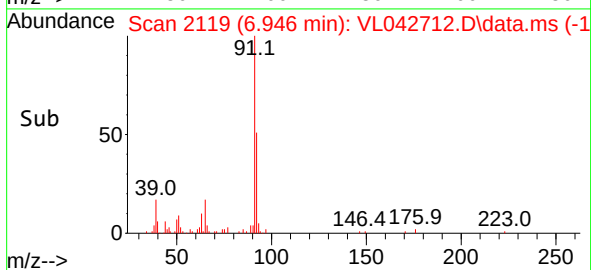
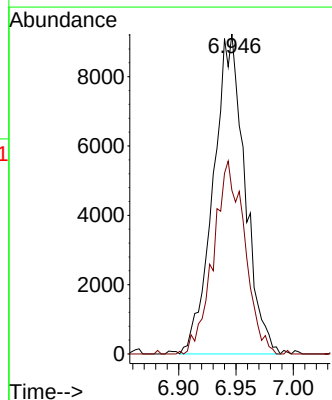
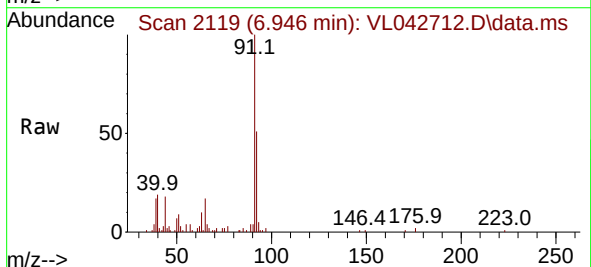
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

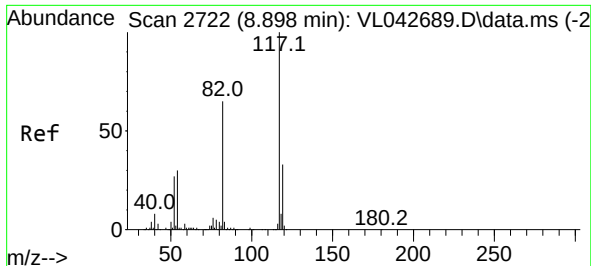
Tgt Ion:164 Resp: 108059
Ion Ratio Lower Upper
164 100
166 122.6 106.6 160.0
129 100.2 79.8 119.6
131 93.3 78.0 117.0



#53
Toluene
Concen: 0.628 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 91 Resp: 17701
Ion Ratio Lower Upper
91 100
92 59.8 47.4 71.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Instrument :

MSVOA_L

ClientSampleId :

SV2DUP

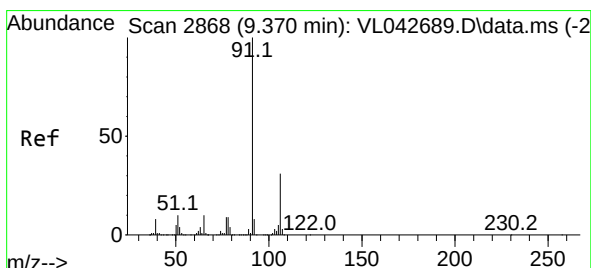
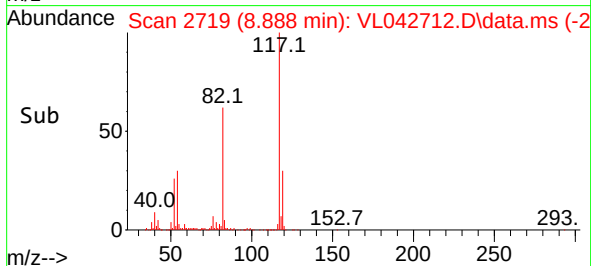
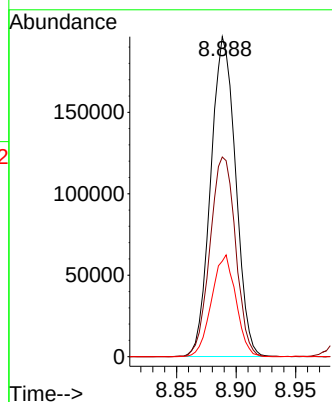
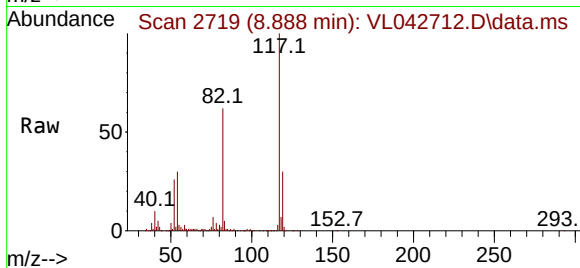
Tgt Ion:117 Resp: 285045

Ion Ratio Lower Upper

117 100

82 64.4 53.4 80.2

119 31.1 26.6 39.8



#58

Ethyl Benzene

Concen: 0.112 ppbv

RT: 9.361 min Scan# 2865

Delta R.T. -0.009 min

Lab File: VL042712.D

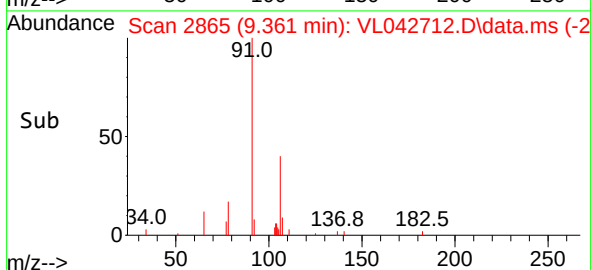
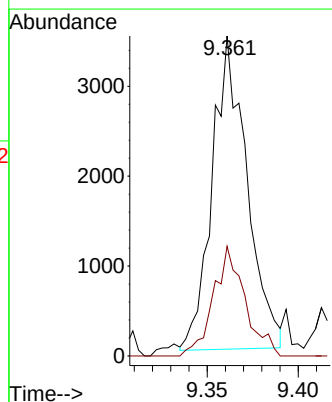
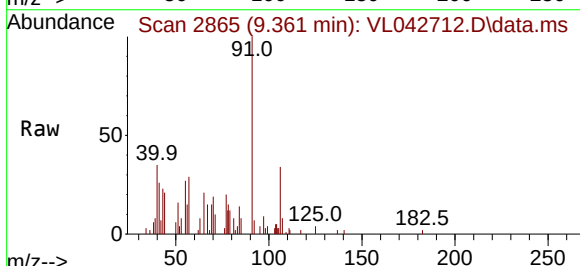
Acq: 08 Jul 2025 14:01

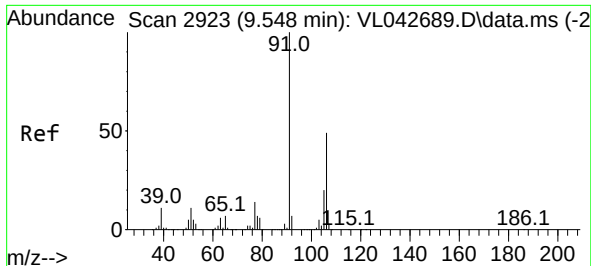
Tgt Ion: 91 Resp: 4616

Ion Ratio Lower Upper

91 100

106 35.2 24.9 37.3





#59

m/p-Xylene

Concen: 0.359 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. -0.009 min

Lab File: VL042712.D

Acq: 08 Jul 2025 14:01

Instrument :

MSVOA_L

ClientSampleId :

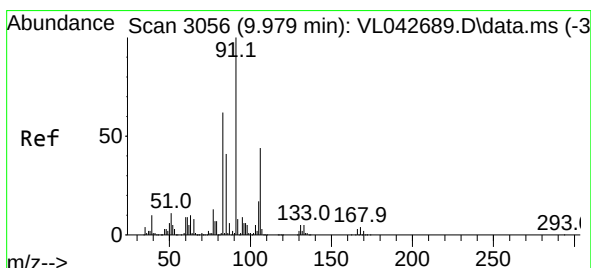
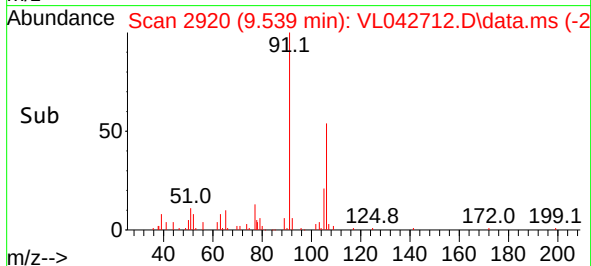
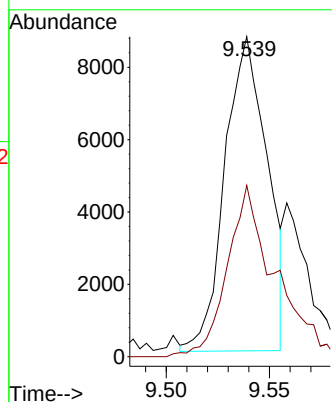
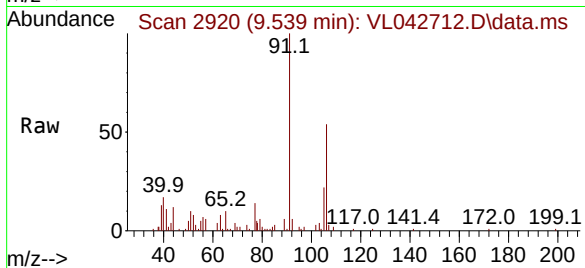
SV2DUP

Tgt Ion: 91 Resp: 12390

Ion Ratio Lower Upper

91 100

106 60.8 37.6 56.4#



#60

o-Xylene

Concen: 0.366 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. -0.440 min

Lab File: VL042712.D

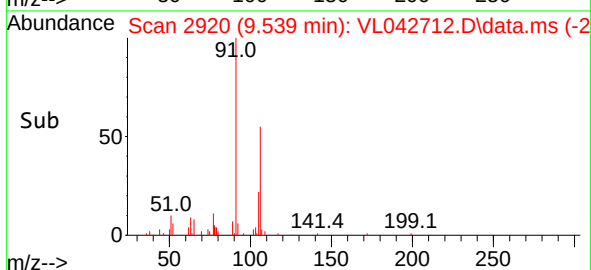
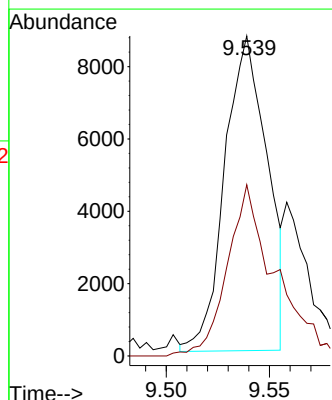
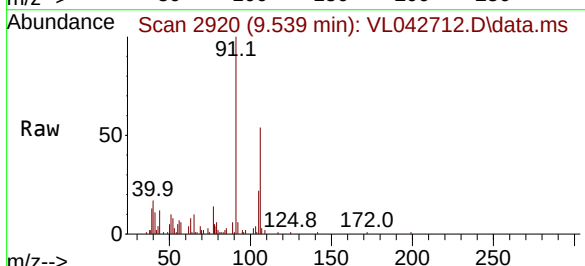
Acq: 08 Jul 2025 14:01

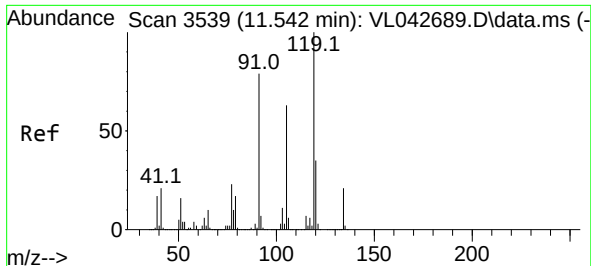
Tgt Ion: 91 Resp: 12436

Ion Ratio Lower Upper

91 100

106 60.6 22.8 68.4

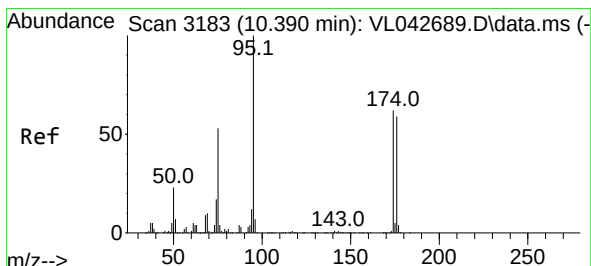
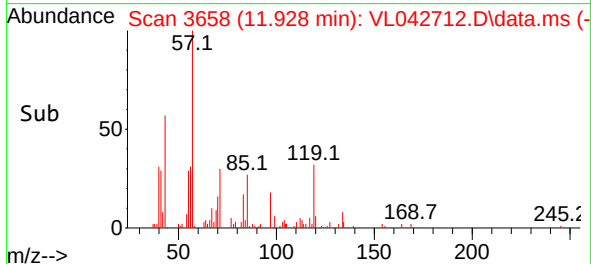
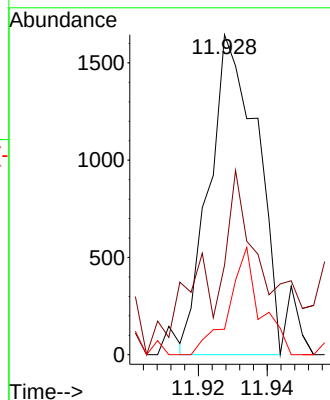
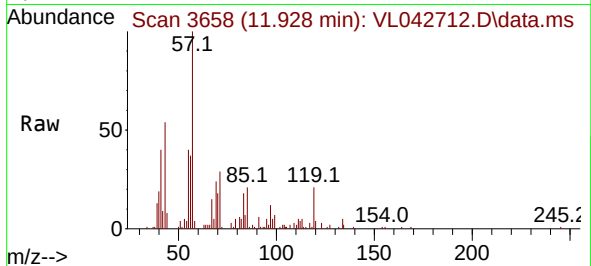




#65
tert-Butylbenzene
Concen: 0.036 ppbv
RT: 11.928 min Scan# 3181
Delta R.T. 0.385 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

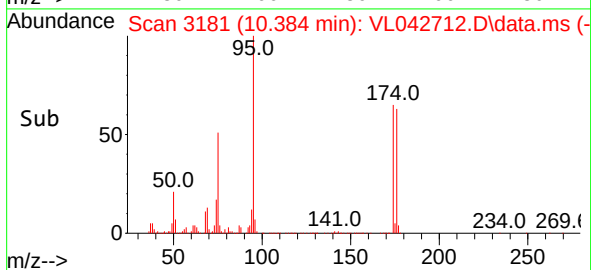
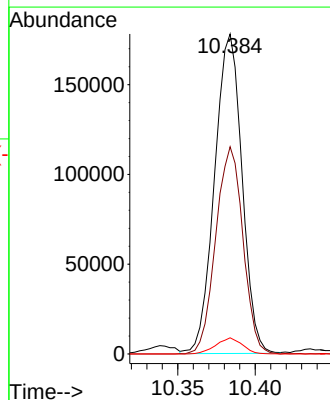
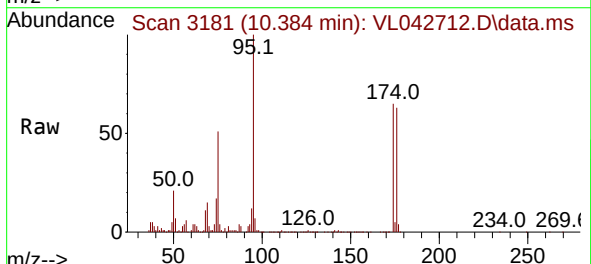
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

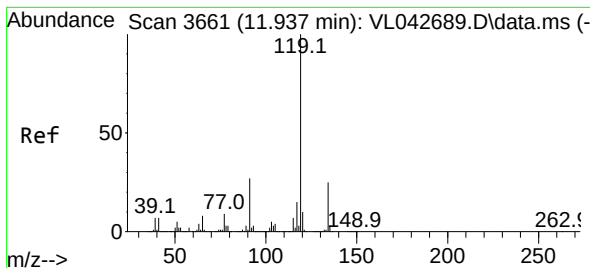
Tgt Ion:119 Resp: 1587
Ion Ratio Lower Upper
119 100
91 70.0 62.6 93.8
134 22.9 16.9 25.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.003 ppbv
RT: 10.384 min Scan# 3181
Delta R.T. -0.006 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 95 Resp: 219323
Ion Ratio Lower Upper
95 100
174 64.2 51.2 76.8
175 4.9 3.8 5.8

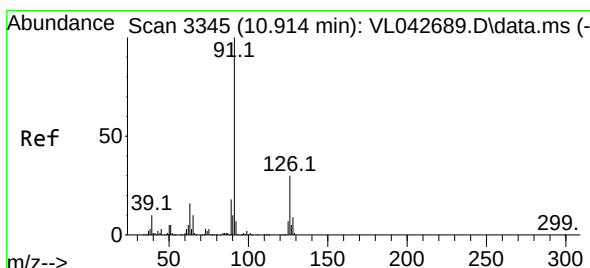
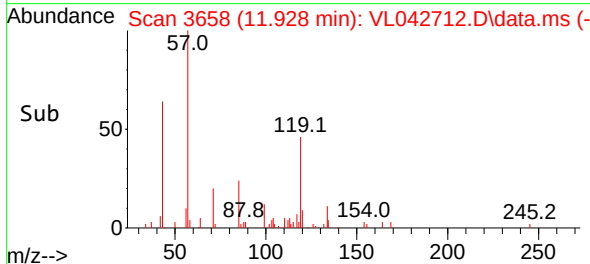
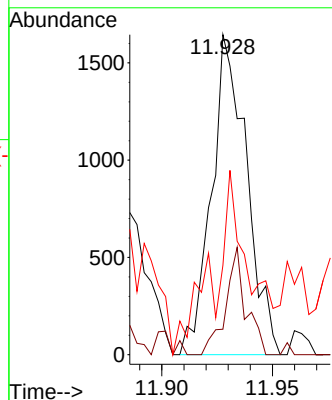
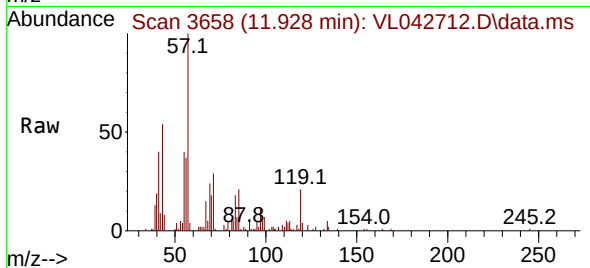




#69
p-Isopropyltoluene
Concen: 0.034 ppbv
RT: 11.928 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

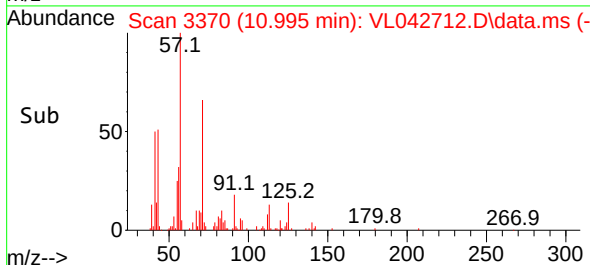
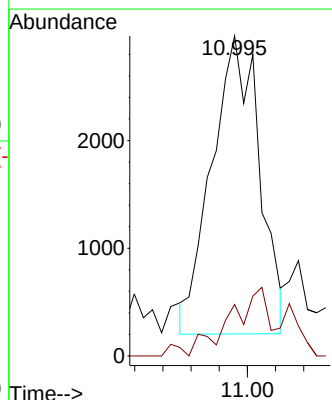
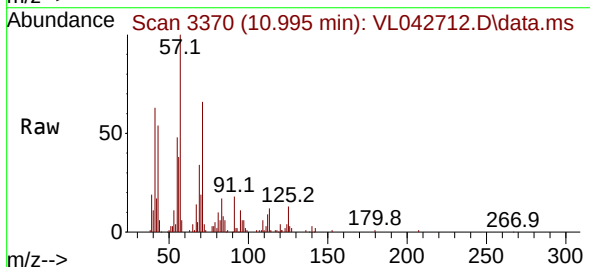
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

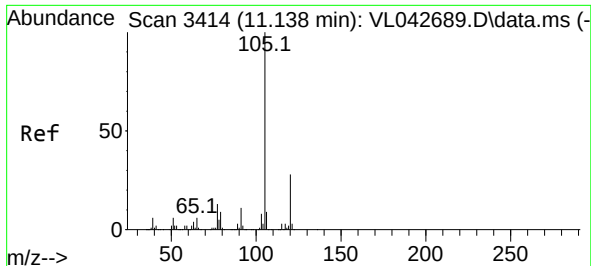
Tgt Ion:119 Resp: 1822
Ion Ratio Lower Upper
119 100
134 26.1 20.6 31.0
91 44.1 21.4 32.2#



#71
2-Chlorotoluene
Concen: 0.085 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.081 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion: 91 Resp: 3238
Ion Ratio Lower Upper
91 100
126 26.7 11.8 47.4

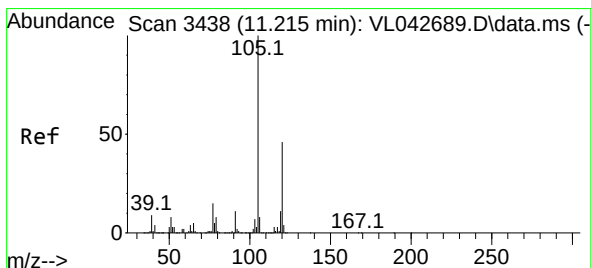
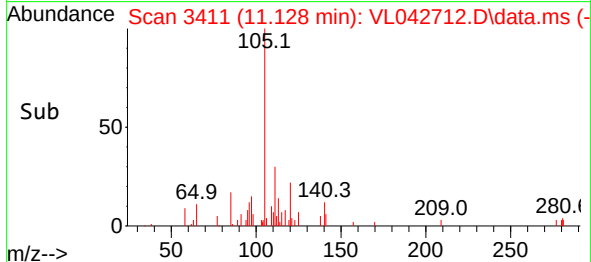
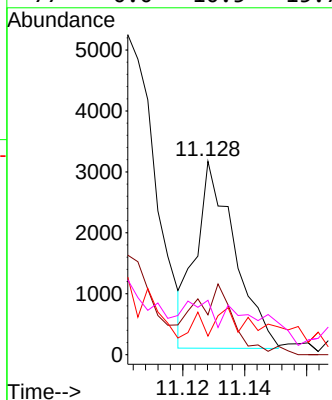
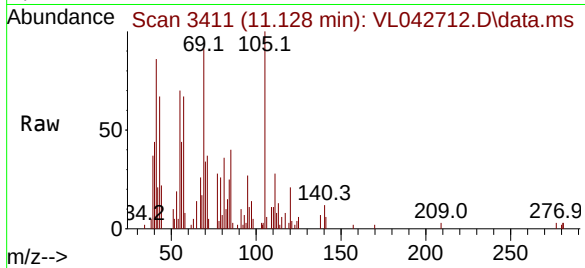




#72
4-Ethyltoluene
Concen: 0.064 ppbv
RT: 11.128 min Scan# 3414
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

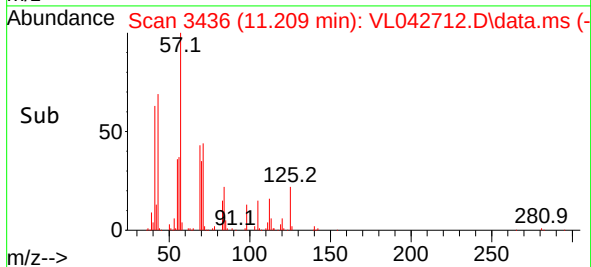
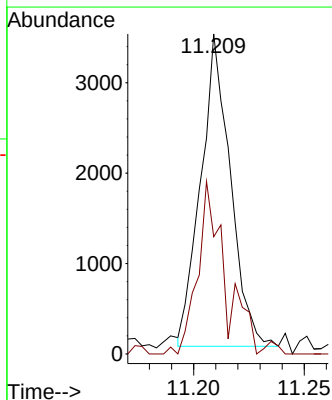
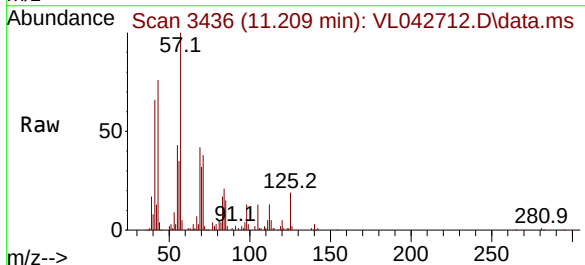
Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

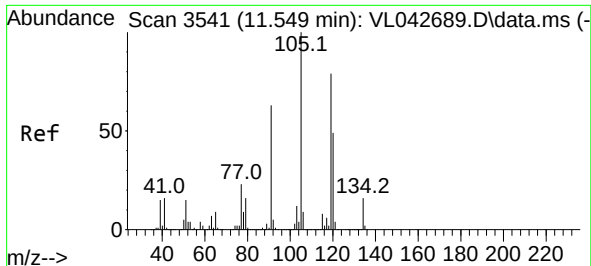
Tgt Ion:	105	Resp:	2666
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.8	35.6#
91	39.2	9.7	14.5#
77	0.0	10.5	15.7#



#73
1,3,5-Trimethylbenzene
Concen: 0.092 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. -0.006 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion:	105	Resp:	3217
Ion	Ratio	Lower	Upper
105	100		
120	37.6	37.0	55.4

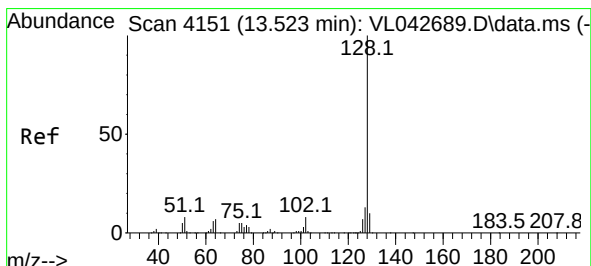
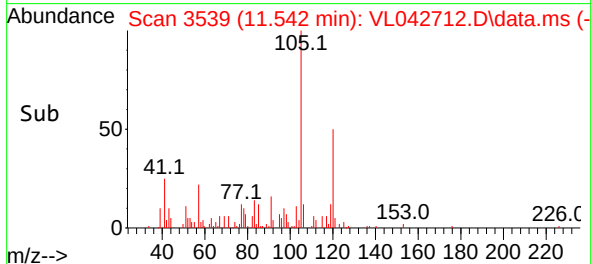
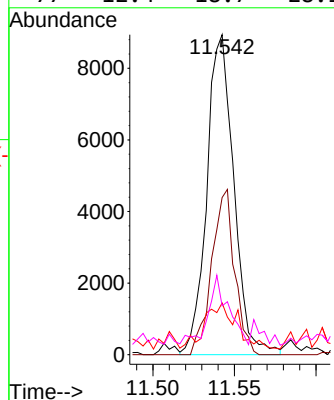
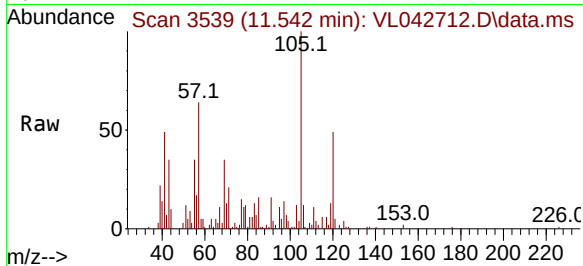




#74
1,2,4-Trimethylbenzene
Concen: 0.258 ppbv
RT: 11.542 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Instrument :
MSVOA_L
ClientSampleId :
SV2DUP

Tgt Ion:	105	Resp:	10299
Ion	Ratio	Lower	Upper
105	100		
120	49.5	39.6	59.4
91	14.4	51.0	76.6#
77	12.4	18.7	28.1#



#79
Naphthalene
Concen: 0.042 ppbv
RT: 13.514 min Scan# 4148
Delta R.T. -0.009 min
Lab File: VL042712.D
Acq: 08 Jul 2025 14:01

Tgt Ion:	128	Resp:	1403
Ion	Ratio	Lower	Upper
128	100		
127	230.6	10.2	15.4#
129	0.0	8.2	12.2#

