

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042781.D
 Acq On : 29 Jul 2025 13:49
 Operator : SY/MD
 Sample : Q2712-03DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

Quant Time: Jul 30 01:11:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	150377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	404374	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	383482	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	302771	9.970	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%

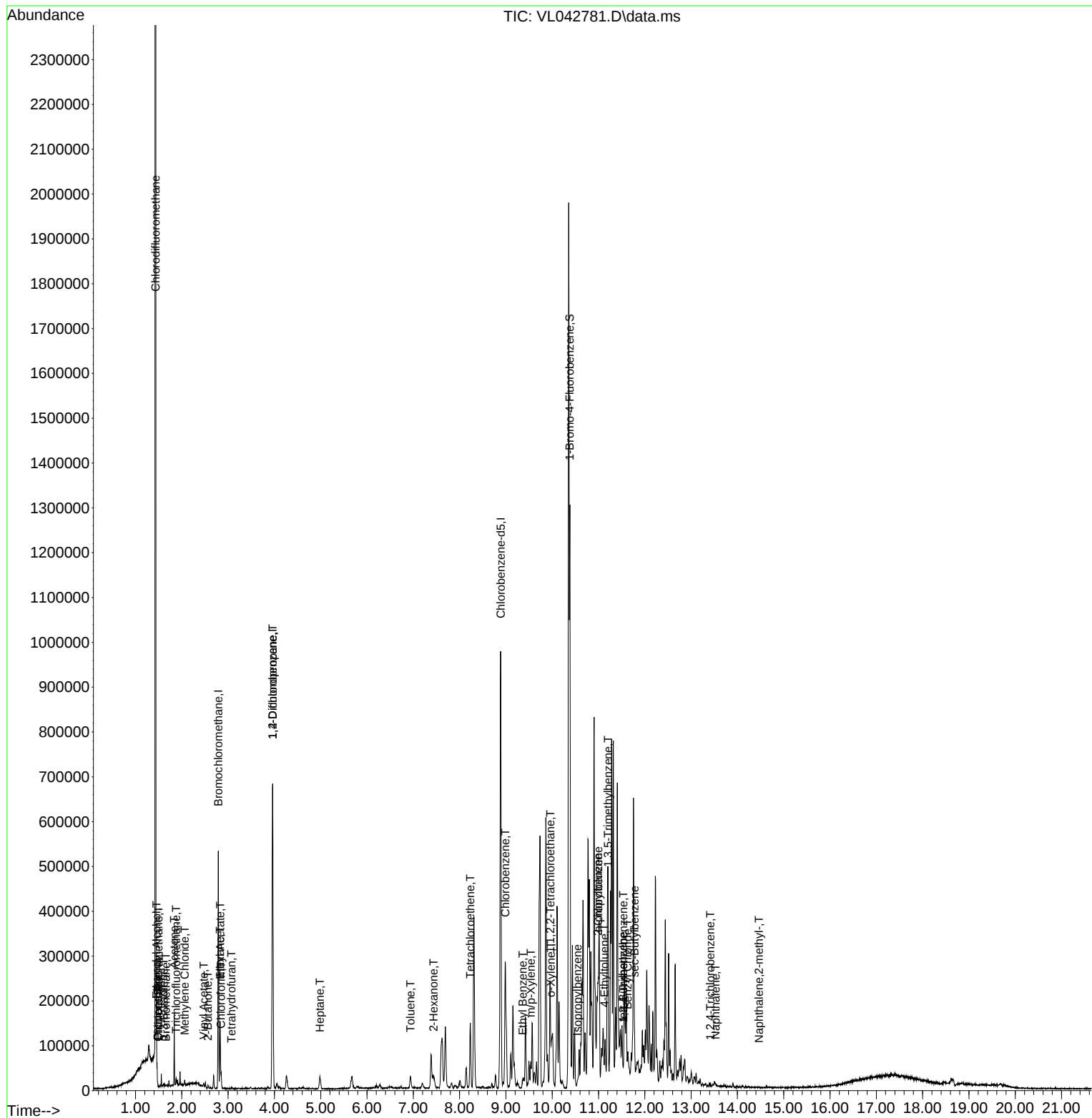
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	1244	0.063	ppbv #	88
3) Chlorodifluoromethane	1.434	51	68876	2.659	ppbv #	58
6) Bromomethane	1.654	94	94	0.031	ppbv #	1
7) Chloroethane	1.492	64	282	0.092	ppbv #	62
9) Propene	1.483	41	1312	0.139	ppbv	98
10) Heptane	4.982	43	10200	0.402	ppbv	99
11) Trichlorofluoromethane	1.878	101	3454	0.169	ppbv #	83
13) Ethanol	1.457	45	4993	6.133	ppbv #	31
15) Acetone	1.836	43	65723	3.165	ppbv	96
16) 1,3-Butadiene	1.609	39	389	0.044	ppbv #	16
19) Isopropyl Alcohol	1.457	45	4993	0.452	ppbv #	37
20) Methylene Chloride	2.062	84	1416	0.216	ppbv #	74
23) Vinyl Acetate	2.476	43	2426	0.096	ppbv #	40
25) Ethyl Acetate	2.829	43	24427	0.531	ppbv #	79
26) Hexane	2.826	57	32288	1.601	ppbv #	40
29) Chloroform	2.849	83	11611	0.373	ppbv	90
34) 2-Butanone	2.564	43	4040	0.141	ppbv	98
39) 1,2-Dichloropropane	3.962	63	102646	7.256	ppbv #	21
41) Tetrahydrofuran	3.072	42	791	0.054	ppbv	94
51) 2-Hexanone	7.438	43	4285	0.154	ppbv #	30
52) Tetrachloroethene	8.231	164	24233	1.526	ppbv	94
53) Toluene	6.940	91	17200	0.418	ppbv	97
57) Chlorobenzene	8.985	112	12582	0.339	ppbv #	36
58) Ethyl Benzene	9.361	91	3392	0.056	ppbv	99
59) m/p-Xylene	9.539	91	30801	0.636	ppbv	98
60) o-Xylene	9.969	91	13742	0.284	ppbv	98
62) Isopropylbenzene	10.545	105	4055	0.057	ppbv	95
63) 1,1,2,2-Tetrachloroethane	9.960	83	1644	0.053	ppbv #	25
64) n-propylbenzene	10.995	120	1137	0.061	ppbv #	1
65) tert-Butylbenzene	11.533	119	1640	0.026	ppbv #	1
66) Benzyl Chloride	11.630	91	272	0.052	ppbv #	1
67) sec-Butylbenzene	11.775	105	2814	0.031	ppbv #	68
71) 2-Chlorotoluene	10.992	91	7054	0.129	ppbv	87
72) 4-Ethyltoluene	11.131	105	3886	0.067	ppbv #	36
73) 1,3,5-Trimethylbenzene	11.209	105	8772	0.184	ppbv	91
74) 1,2,4-Trimethylbenzene	11.536	105	5215	0.101	ppbv #	65
79) Naphthalene	13.530	128	75	0.436	ppbv #	1
80) Naphthalene,2-methyl-	14.468	142	44	1.130	ppbv #	14
81) 1,2,4-Trichlorobenzene	13.416	180	19	0.435	ppbv #	1

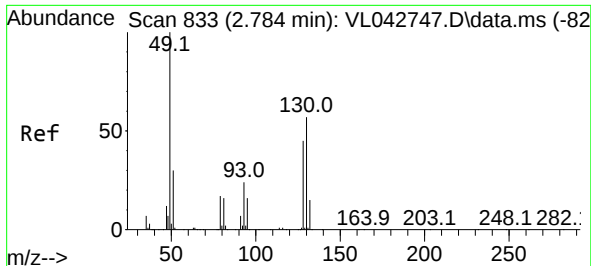
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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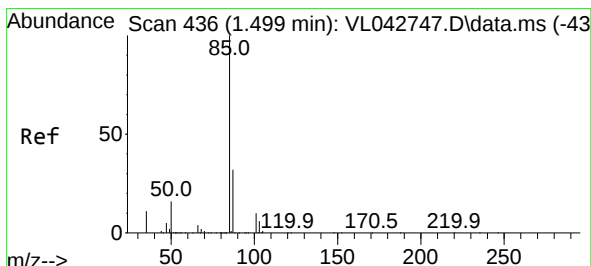
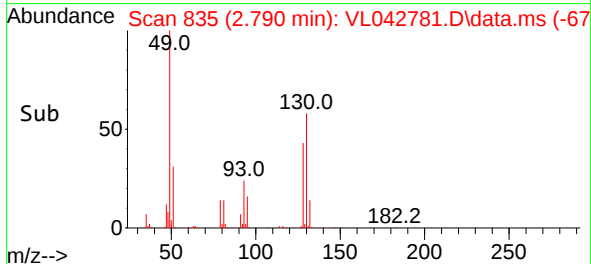
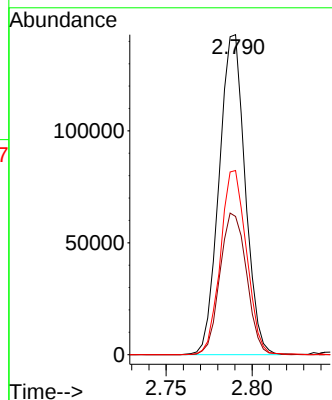
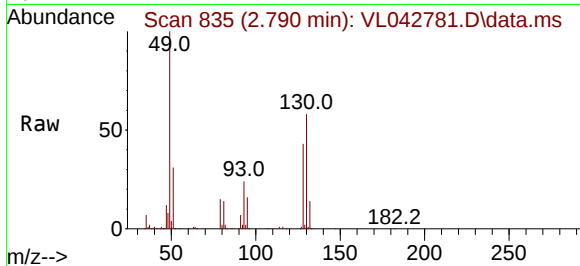




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

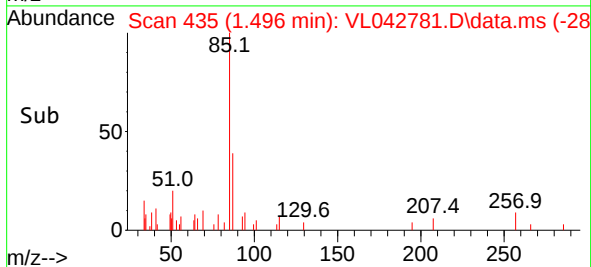
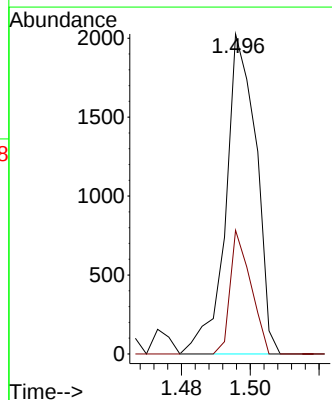
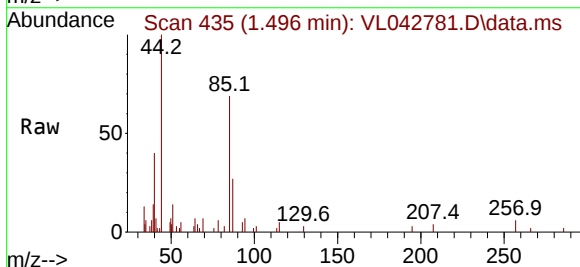
Instrument :
MSVOA_L
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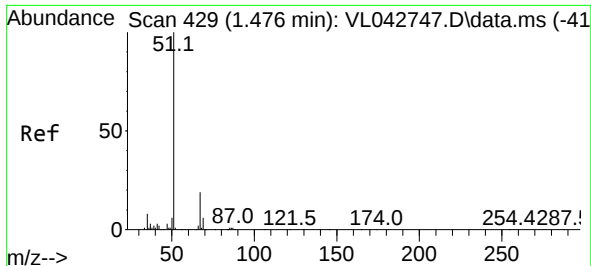
Tgt Ion: 49 Resp: 150377
Ion Ratio Lower Upper
49 100
128 45.3 23.6 71.0
130 57.6 30.3 90.8



#2
Dichlorodifluoromethane
Concen: 0.063 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 85 Resp: 1244
Ion Ratio Lower Upper
85 100
87 38.6 25.4 38.2#

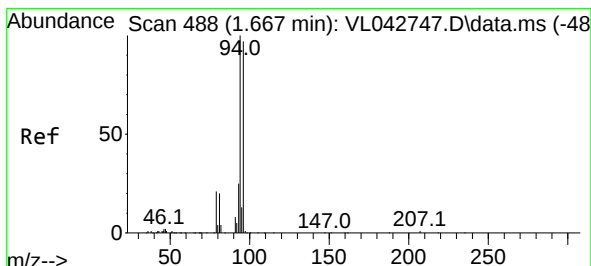
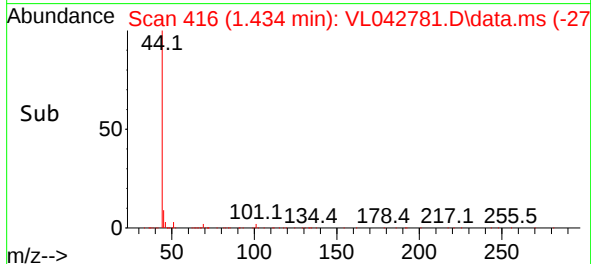
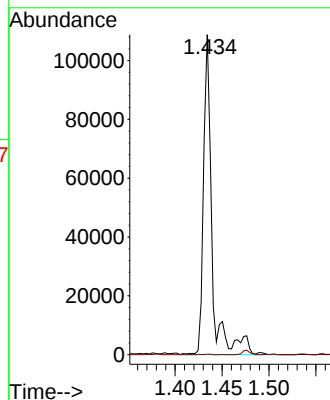
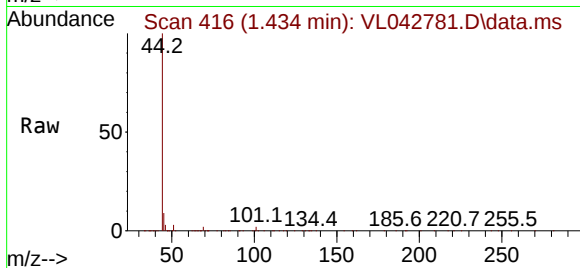




#3
Chlorodifluoromethane
Concen: 2.659 ppbv
RT: 1.434 min Scan# 416
Delta R.T. -0.042 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

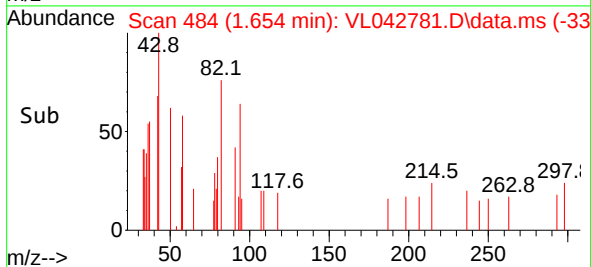
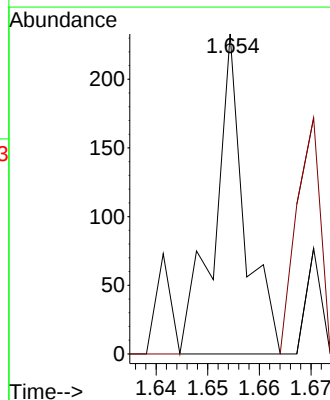
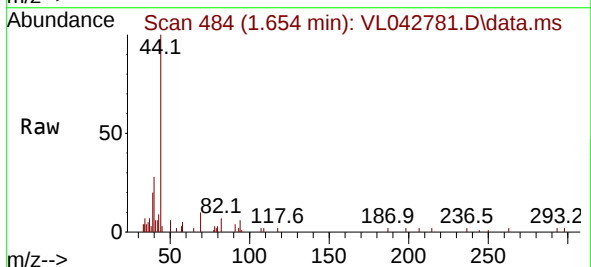
Instrument :
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ClientSampleId :
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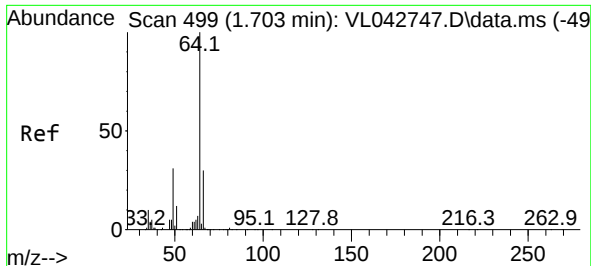
Tgt Ion: 51 Resp: 68876
Ion Ratio Lower Upper
51 100
67 0.2 15.0 22.6#



#6
Bromomethane
Concen: 0.031 ppbv
RT: 1.654 min Scan# 484
Delta R.T. -0.013 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#

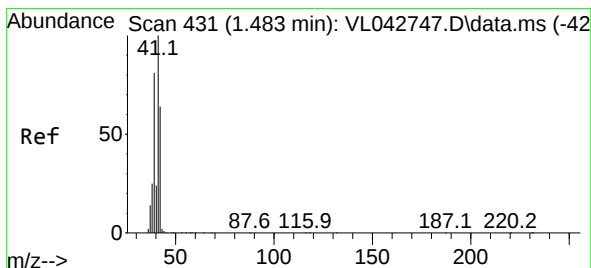
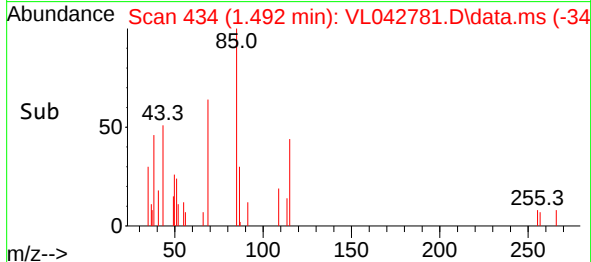
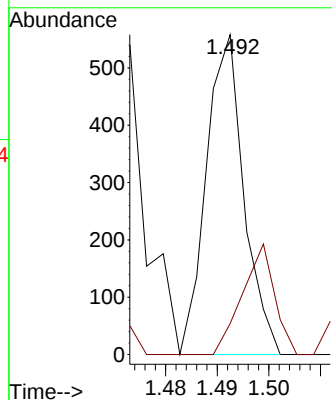
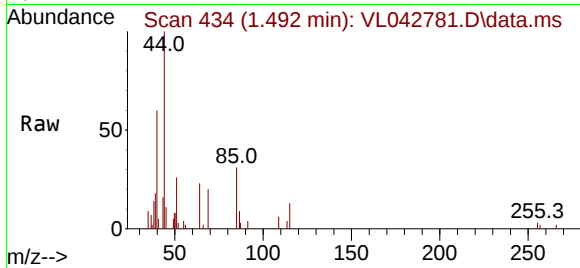




#7
Chloroethane
Concen: 0.092 ppbv
RT: 1.492 min Scan# 41
Delta R.T. -0.210 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

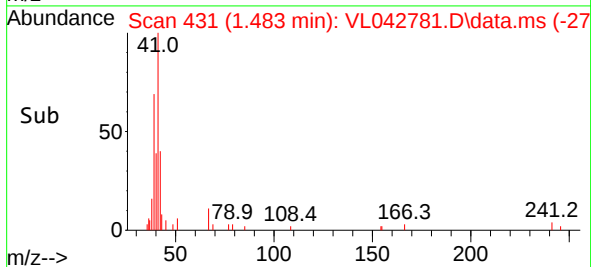
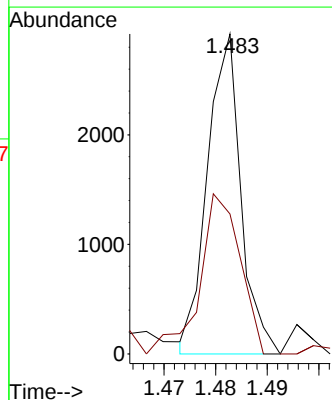
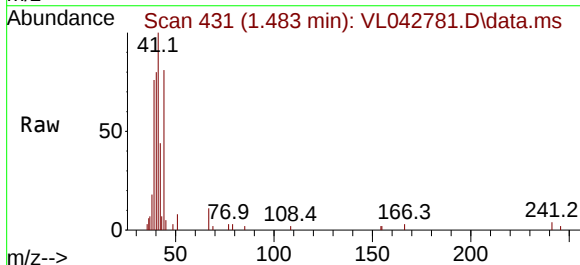
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

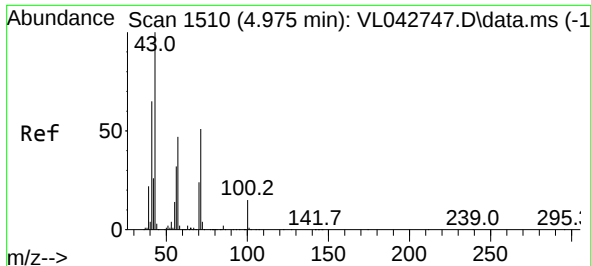
Tgt Ion: 64 Resp: 282
Ion Ratio Lower Upper
64 100
66 9.7 24.1 36.1#



#9
Propene
Concen: 0.139 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.000 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 41 Resp: 1312
Ion Ratio Lower Upper
41 100
42 65.2 53.2 79.8

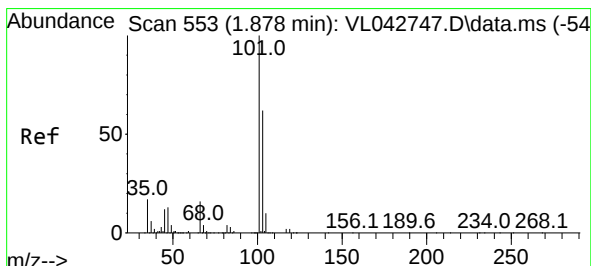
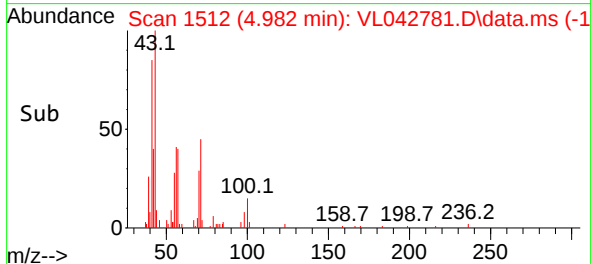
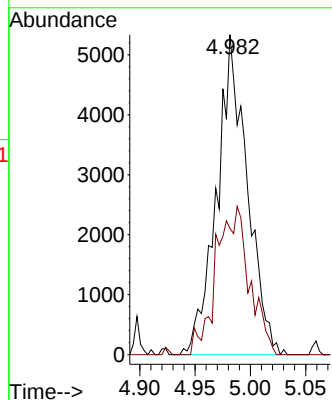
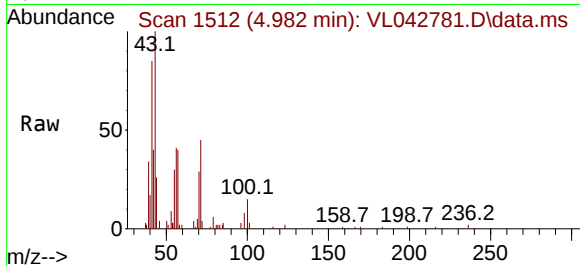




#10
Heptane
Concen: 0.402 ppbv
RT: 4.982 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

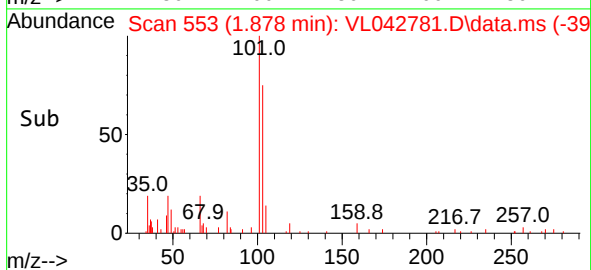
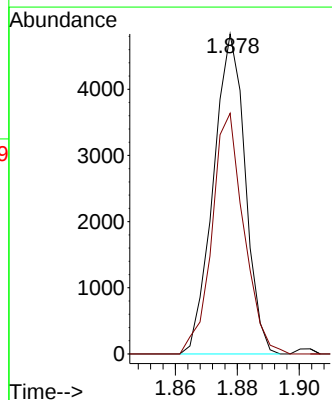
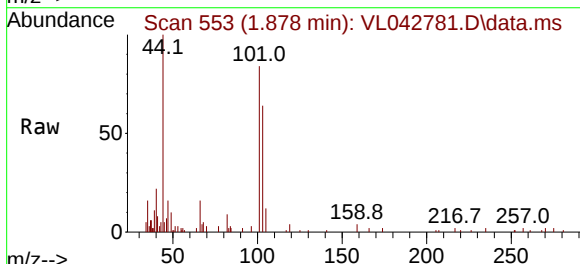
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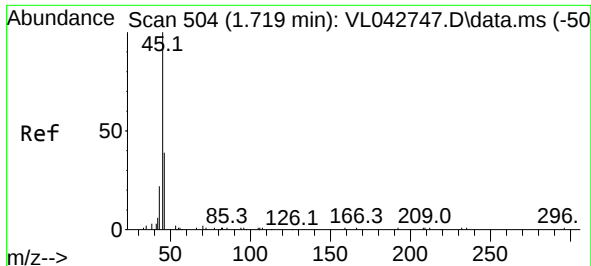
Tgt Ion: 43 Resp: 10200
Ion Ratio Lower Upper
43 100
57 50.8 39.9 59.9



#11
Trichlorofluoromethane
Concen: 0.169 ppbv
RT: 1.878 min Scan# 553
Delta R.T. 0.000 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion:101 Resp: 3454
Ion Ratio Lower Upper
101 100
103 75.2 49.6 74.4#

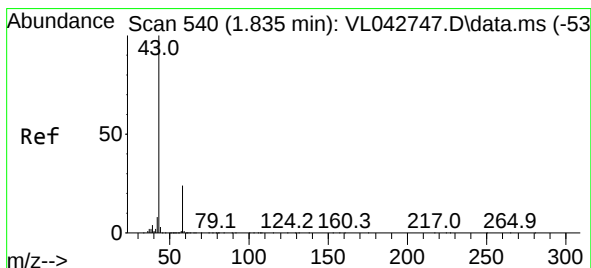
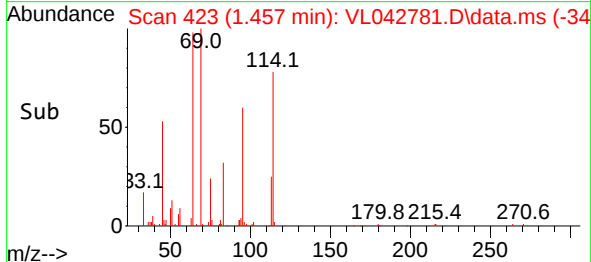
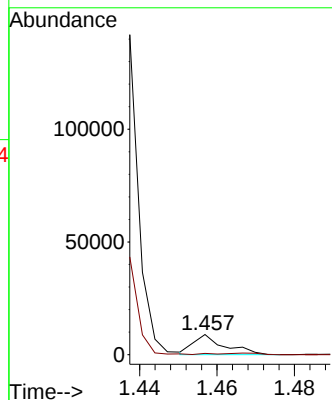
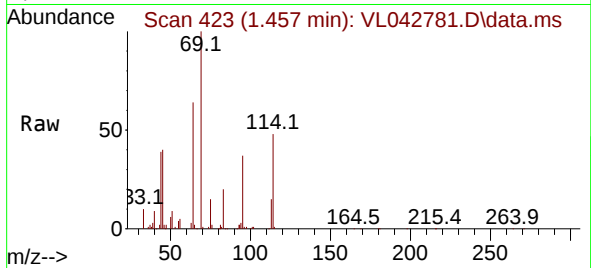




#13
Ethanol
Concen: 6.133 ppbv
RT: 1.457 min Scan# 41
Delta R.T. -0.262 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

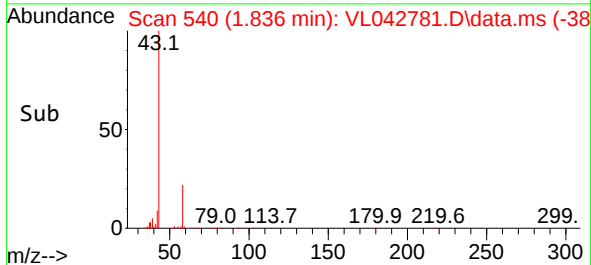
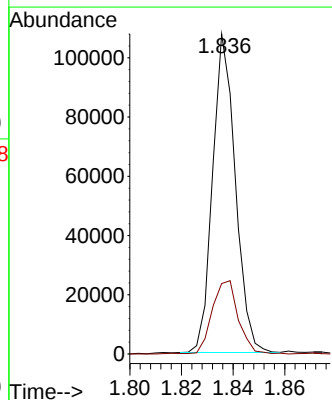
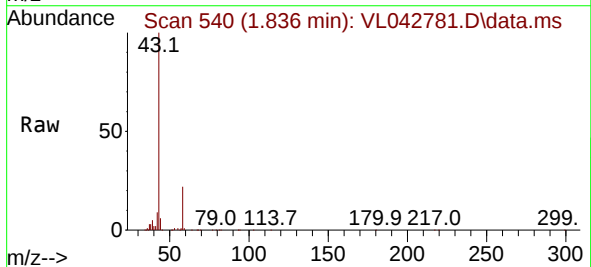
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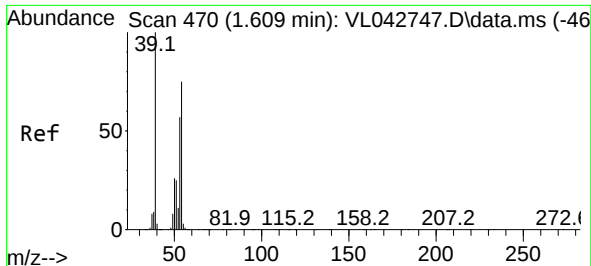
Tgt Ion: 45 Resp: 4993
Ion Ratio Lower Upper
45 100
46 0.0 17.8 71.4#



#15
Acetone
Concen: 3.165 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 43 Resp: 65723
Ion Ratio Lower Upper
43 100
58 26.8 19.8 29.8

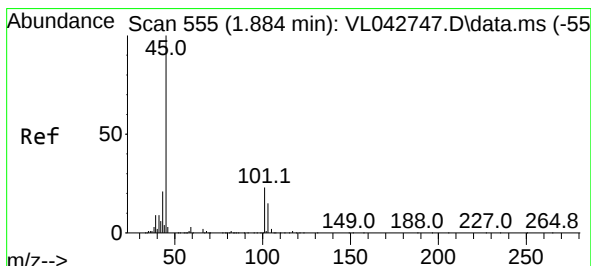
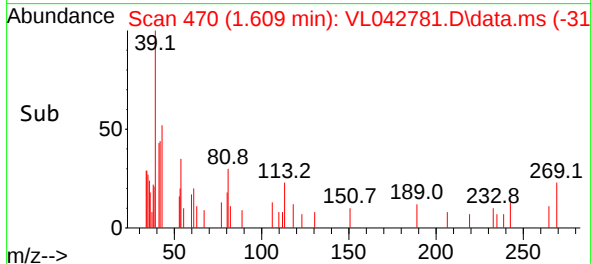
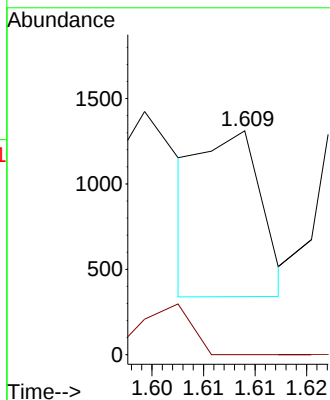
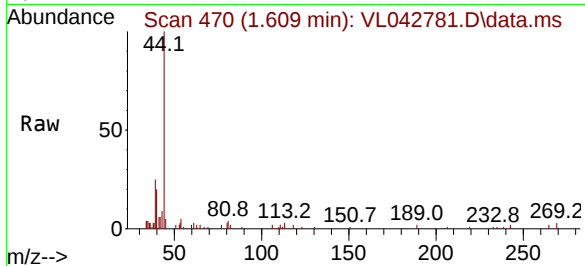




#16
1,3-Butadiene
Concen: 0.044 ppbv
RT: 1.609 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

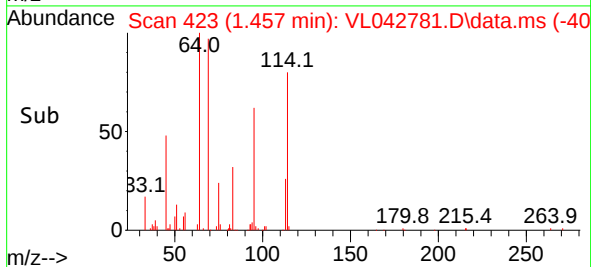
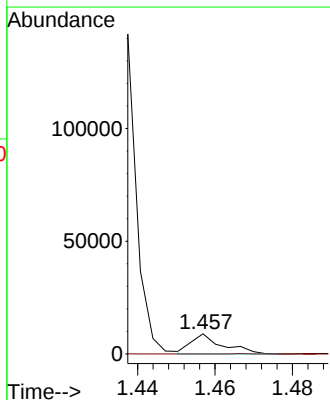
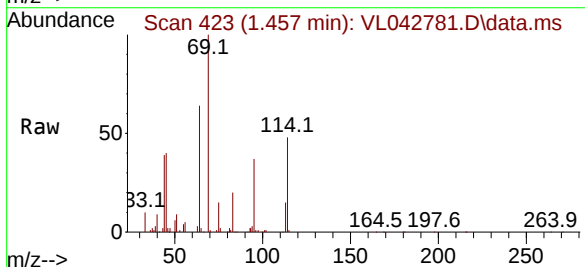
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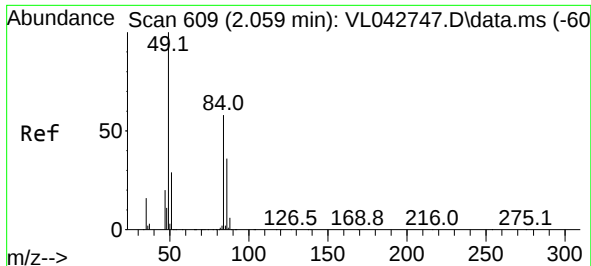
Tgt Ion: 39 Resp: 389
Ion Ratio Lower Upper
39 100
54 0.0 54.5 81.7#



#19
Isopropyl Alcohol
Concen: 0.452 ppbv
RT: 1.457 min Scan# 423
Delta R.T. -0.427 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 45 Resp: 4993
Ion Ratio Lower Upper
45 100
58 0.0 30.0 45.0#



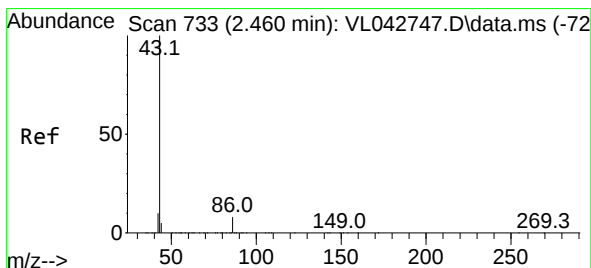
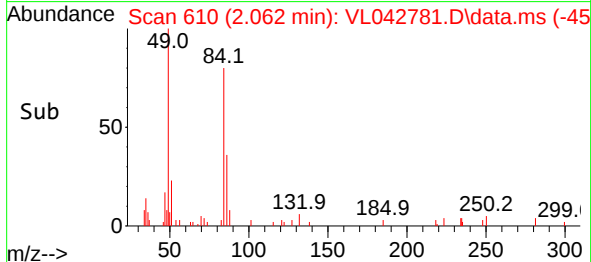
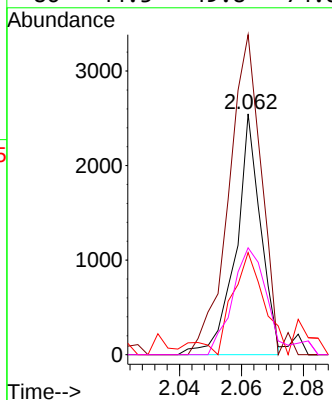
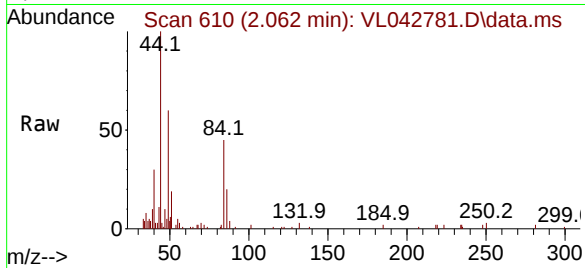


#20
Methylene Chloride
Concen: 0.216 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Tgt Ion: 84 Resp: 1416

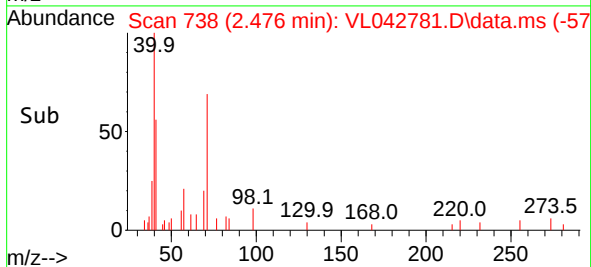
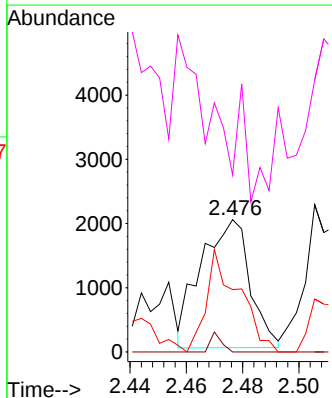
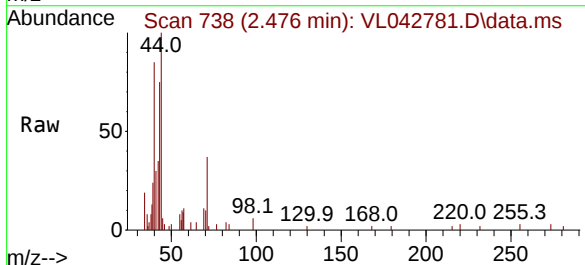
Ion	Ratio	Lower	Upper
84	100		
49	132.8	138.6	208.0#
51	37.4	40.6	61.0#
86	44.3	49.8	74.8#

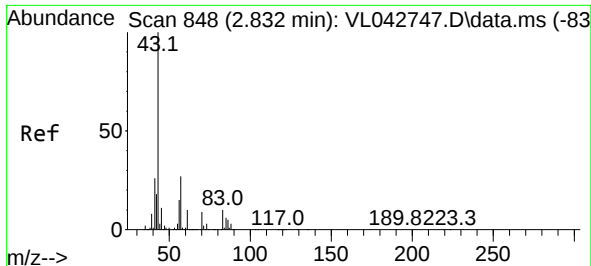


#23
Vinyl Acetate
Concen: 0.096 ppbv
RT: 2.476 min Scan# 738
Delta R.T. 0.016 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 43 Resp: 2426

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.1	9.1#
42	51.5	7.8	11.8#
44	0.0	4.4	6.6#





#25

Ethyl Acetate

Concen: 0.531 ppbv

RT: 2.829 min Scan# 84

Delta R.T. -0.003 min

Lab File: VL042781.D

Acq: 29 Jul 2025 13:49

Instrument :

MSVOA_L

ClientSampleId :

SV3DL

Tgt Ion: 43 Resp: 24427

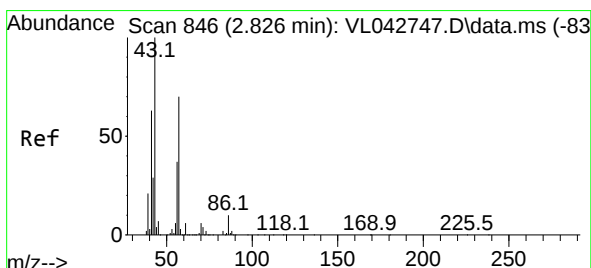
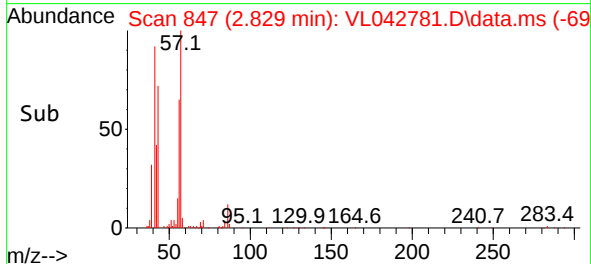
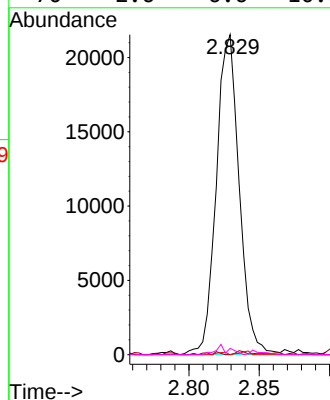
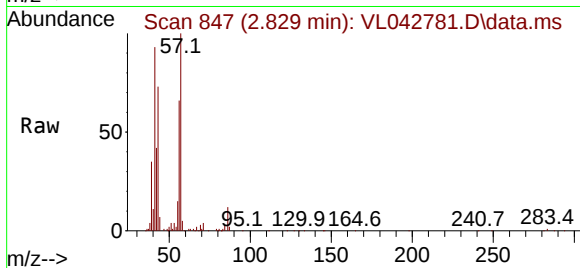
Ion Ratio Lower Upper

43 100

45 1.0 7.8 11.6#

61 0.8 6.7 10.1#

70 2.6 6.6 10.0#



#26

Hexane

Concen: 1.601 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.000 min

Lab File: VL042781.D

Acq: 29 Jul 2025 13:49

Tgt Ion: 57 Resp: 32288

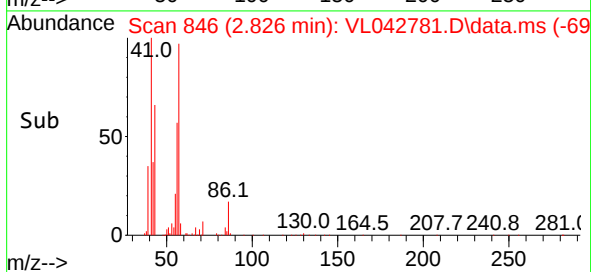
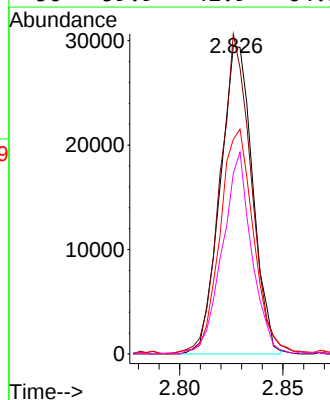
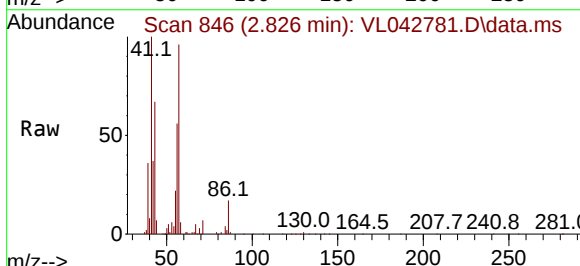
Ion Ratio Lower Upper

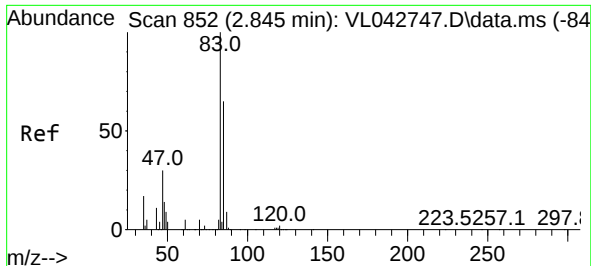
57 100

41 100.8 75.4 113.2

43 77.1 185.0 277.6#

56 59.9 42.9 64.3





#29

Chloroform

Concen: 0.373 ppbv

RT: 2.849 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042781.D

Acq: 29 Jul 2025 13:49

Instrument :

MSVOA_L

ClientSampleId :

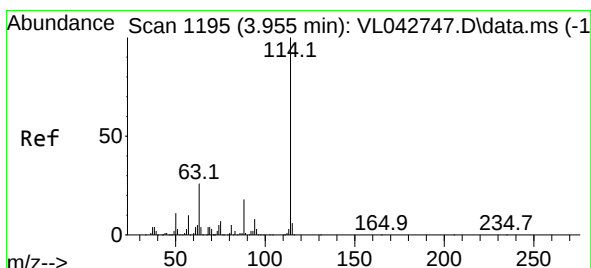
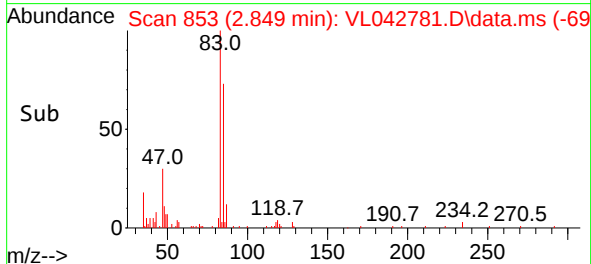
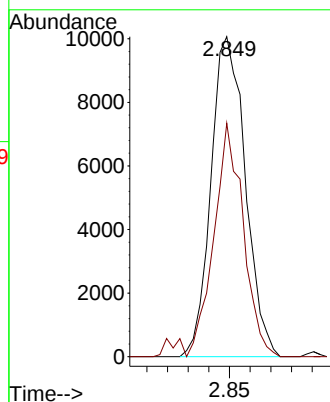
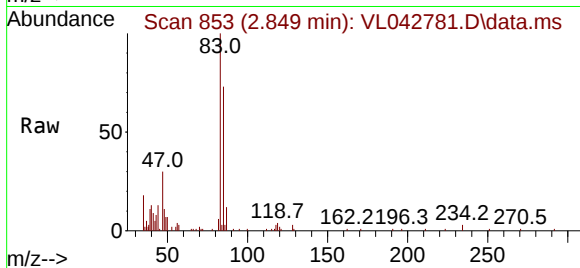
SV3DL

Tgt Ion: 83 Resp: 11611

Ion Ratio Lower Upper

83 100

85 73.0 52.2 78.2



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042781.D

Acq: 29 Jul 2025 13:49

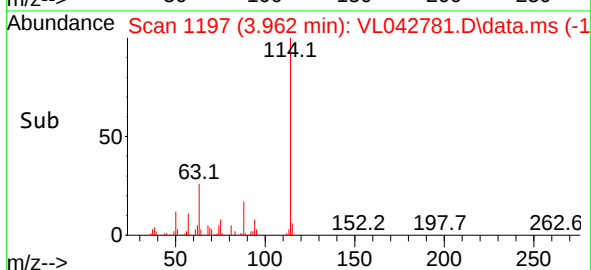
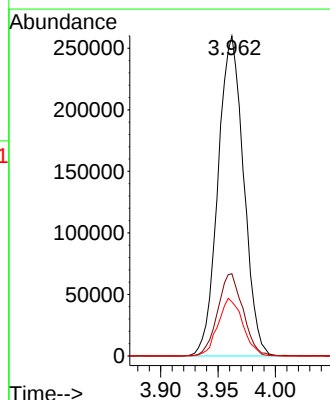
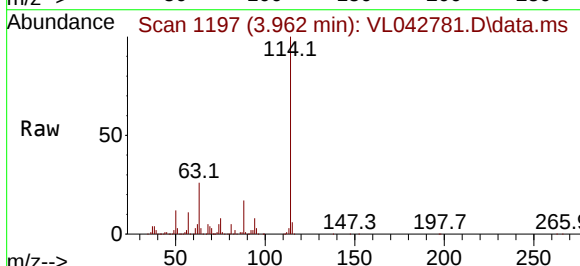
Tgt Ion:114 Resp: 404374

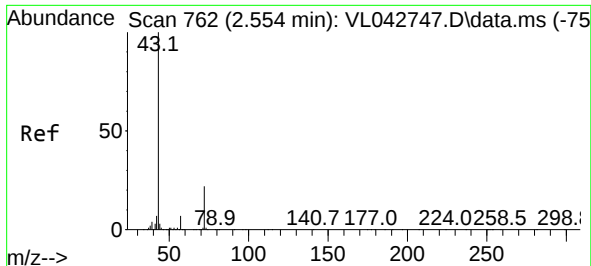
Ion Ratio Lower Upper

114 100

63 25.4 20.5 30.7

88 17.4 14.0 21.0

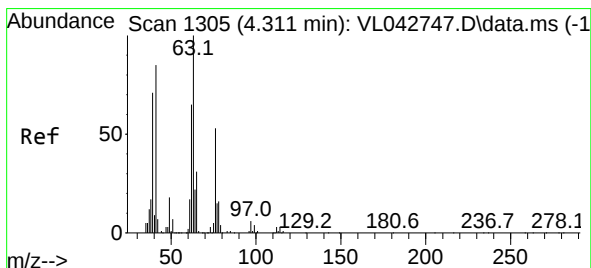
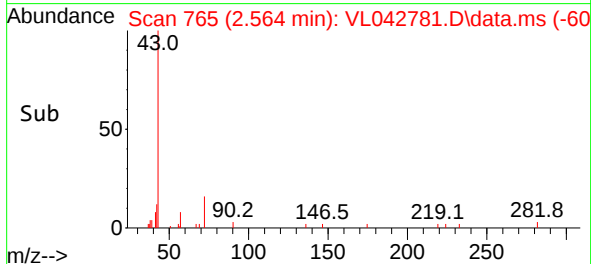
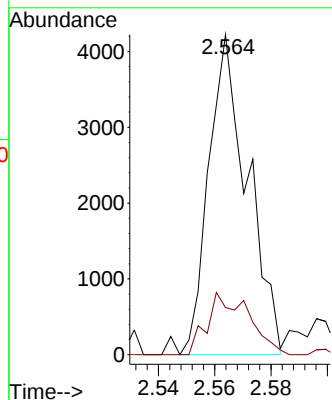
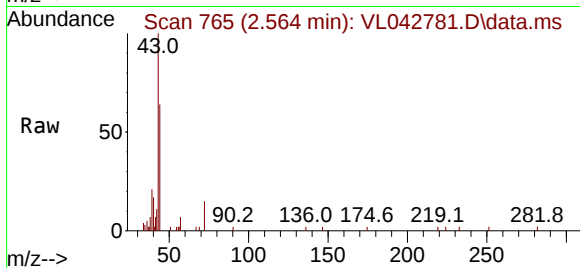




#34
2-Butanone
Concen: 0.141 ppbv
RT: 2.564 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

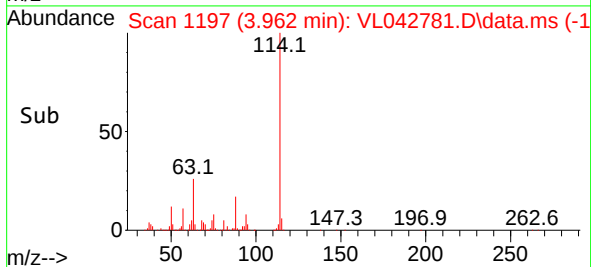
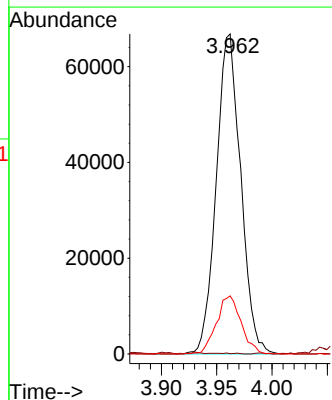
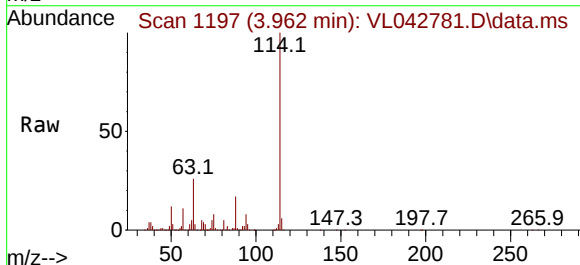
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

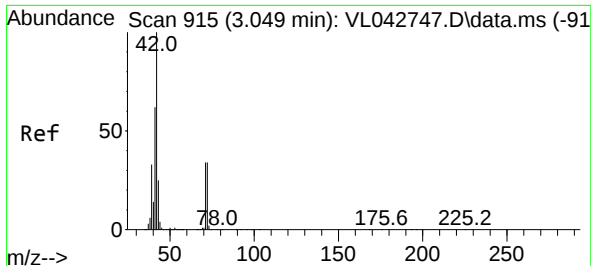
Tgt Ion: 43 Resp: 4040
Ion Ratio Lower Upper
43 100
72 20.7 17.4 26.0



#39
1,2-Dichloropropane
Concen: 7.256 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.349 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 63 Resp: 102646
Ion Ratio Lower Upper
63 100
41 0.0 68.2 102.4#
62 18.1 52.0 78.0#

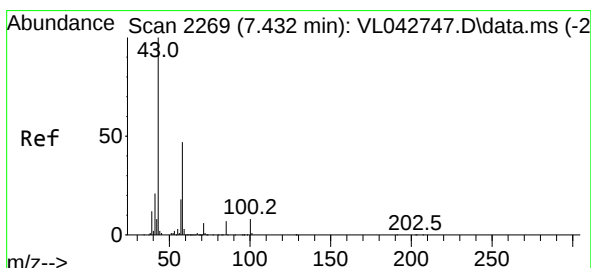
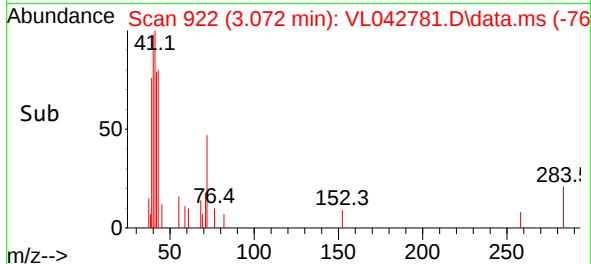
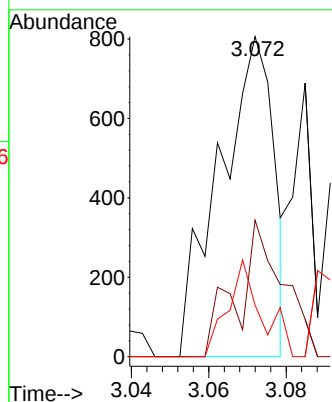
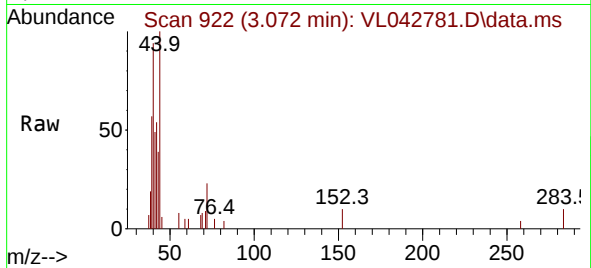




#41
Tetrahydrofuran
Concen: 0.054 ppbv
RT: 3.072 min Scan# 915
Delta R.T. 0.023 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

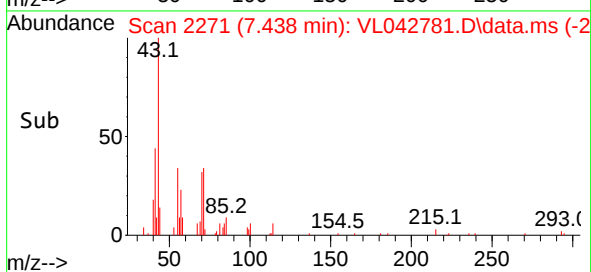
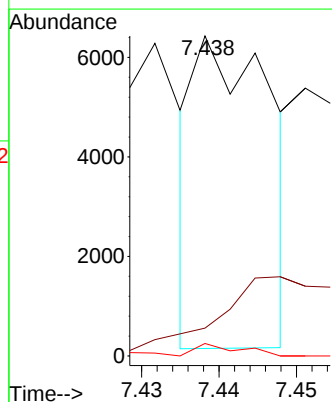
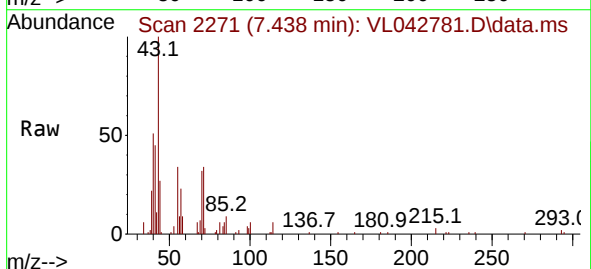
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

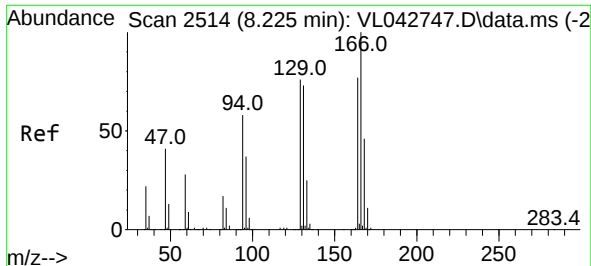
Tgt Ion:	42	Resp:	791
Ion	Ratio	Lower	Upper
42	100		
72	35.4	30.9	46.3
71	32.2	28.6	43.0



#51
2-Hexanone
Concen: 0.154 ppbv
RT: 7.438 min Scan# 2271
Delta R.T. 0.007 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion:	43	Resp:	4285
Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.0	57.0#
98	0.0	0.2	0.4#

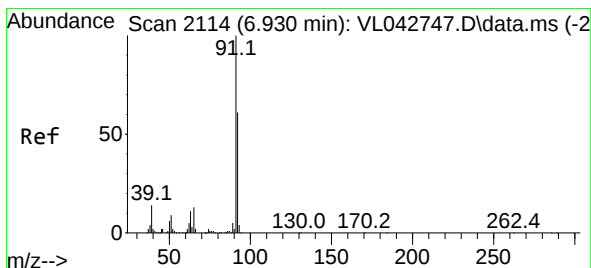
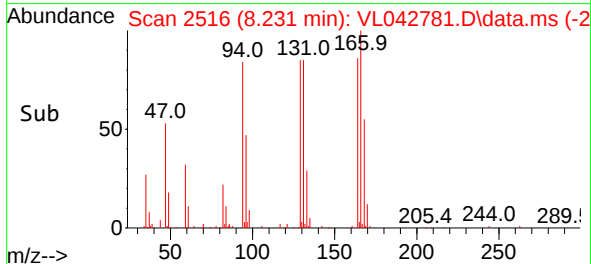
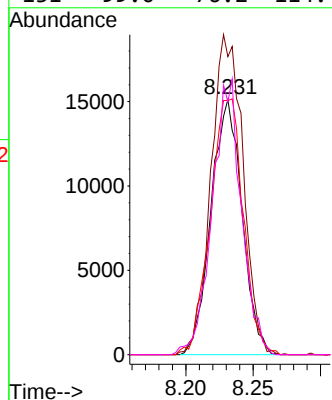
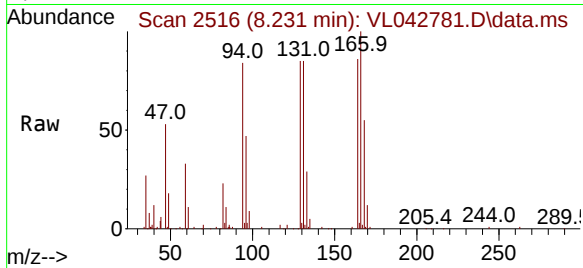




#52
Tetrachloroethene
Concen: 1.526 ppbv
RT: 8.231 min Scan# 2116
Delta R.T. 0.007 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

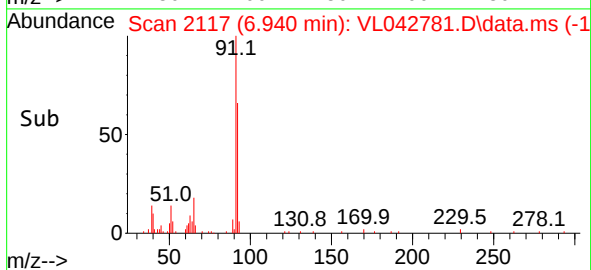
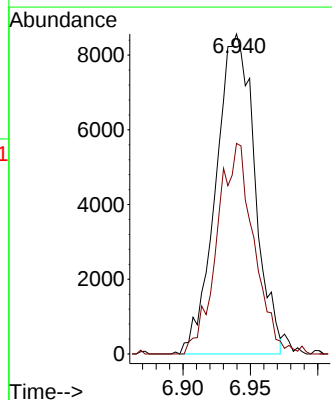
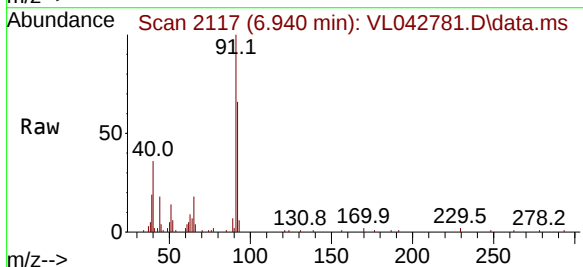
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

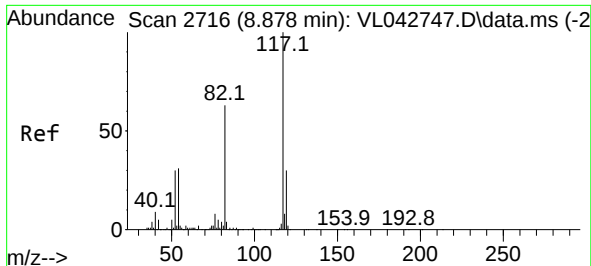
Tgt Ion:164 Resp: 24233
Ion Ratio Lower Upper
164 100
166 116.7 104.0 156.0
129 99.5 79.2 118.8
131 99.0 76.2 114.4



#53
Toluene
Concen: 0.418 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 91 Resp: 17200
Ion Ratio Lower Upper
91 100
92 62.6 48.0 72.0

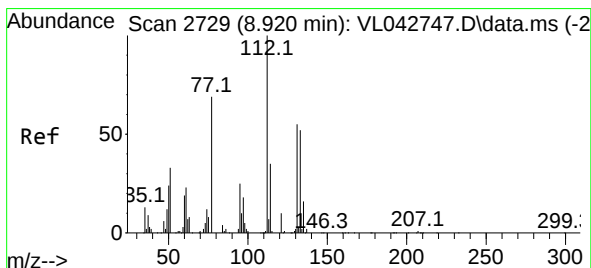
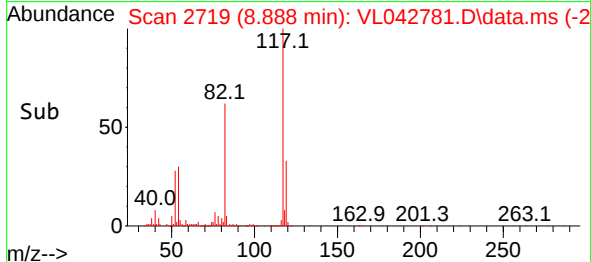
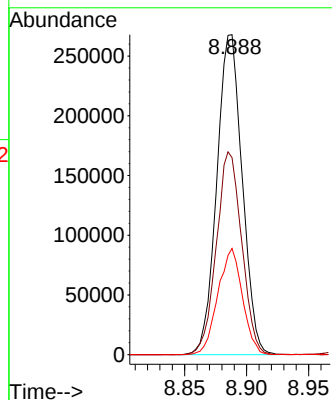
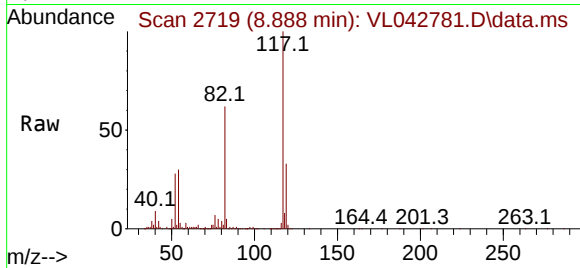




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

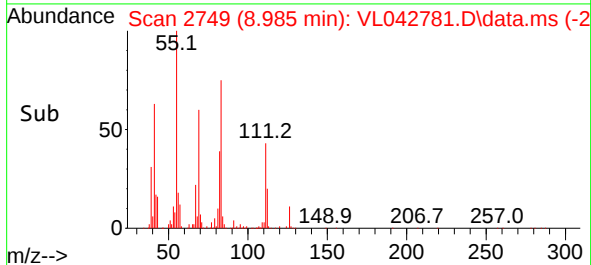
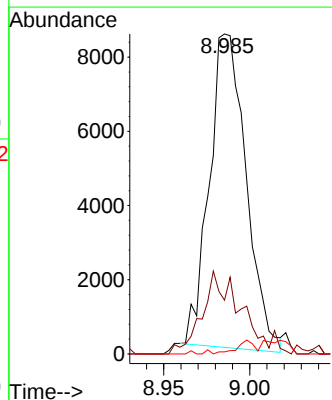
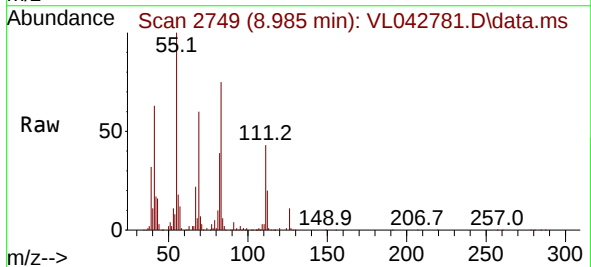
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

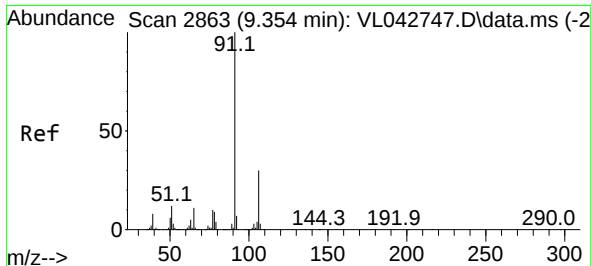
Tgt Ion:117 Resp: 383482
Ion Ratio Lower Upper
117 100
82 63.2 53.3 79.9
119 32.1 25.8 38.6



#57
Chlorobenzene
Concen: 0.339 ppbv
RT: 8.985 min Scan# 2749
Delta R.T. 0.065 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion:112 Resp: 12582
Ion Ratio Lower Upper
112 100
77 15.5 56.4 84.6#
114 0.7 31.2 38.2#

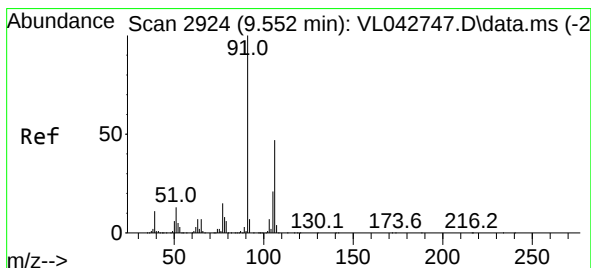
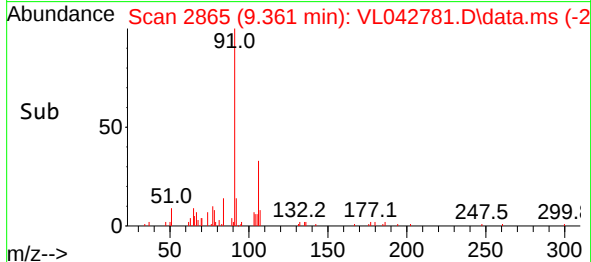
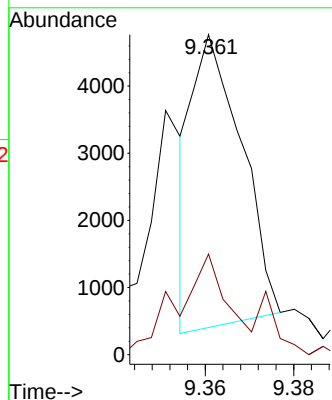
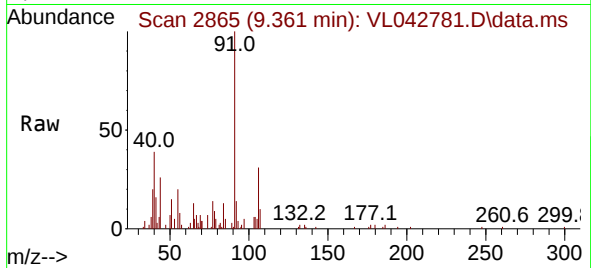




#58
Ethyl Benzene
Concen: 0.056 ppbv
RT: 9.361 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

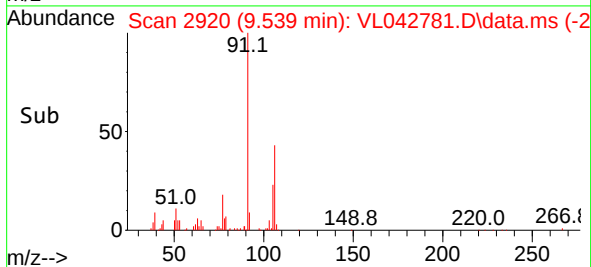
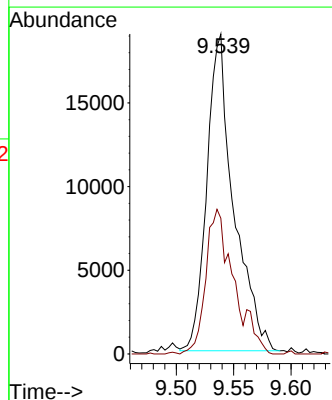
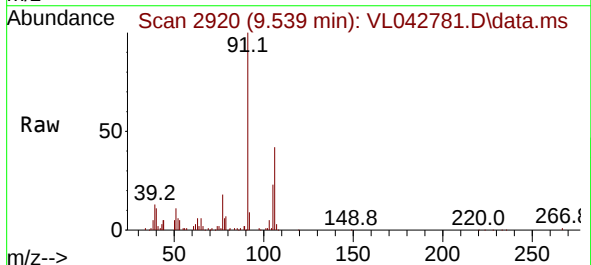
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

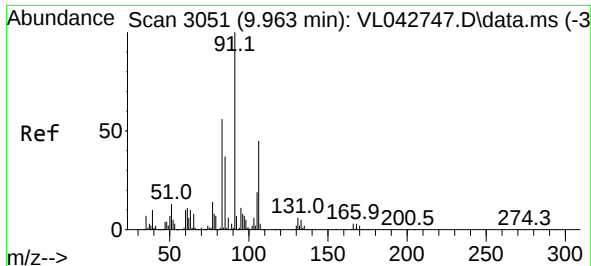
Tgt Ion: 91 Resp: 3392
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#59
m/p-Xylene
Concen: 0.636 ppbv
RT: 9.539 min Scan# 2920
Delta R.T. -0.013 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 91 Resp: 30801
Ion Ratio Lower Upper
91 100
106 48.0 37.4 56.2

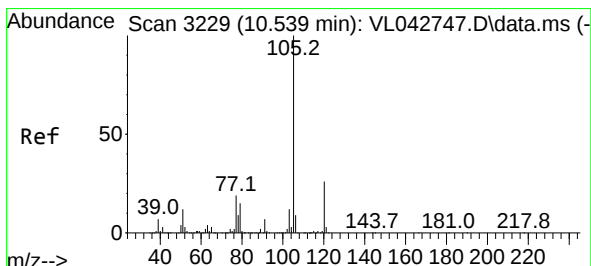
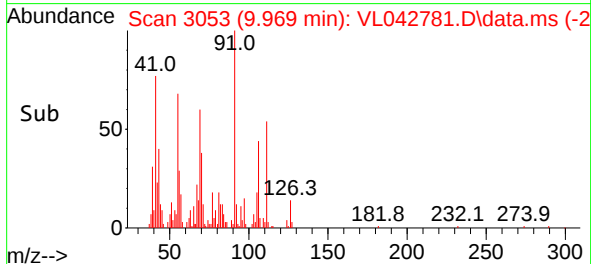
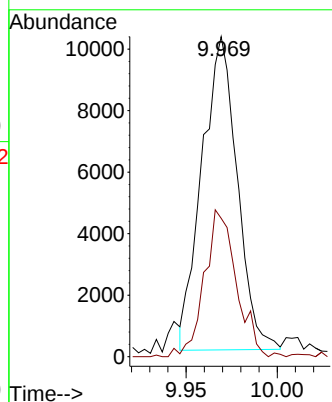
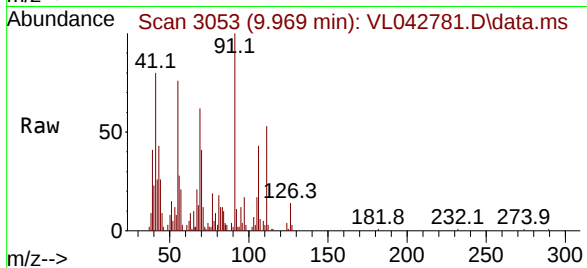




#60
o-Xylene
Concen: 0.284 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

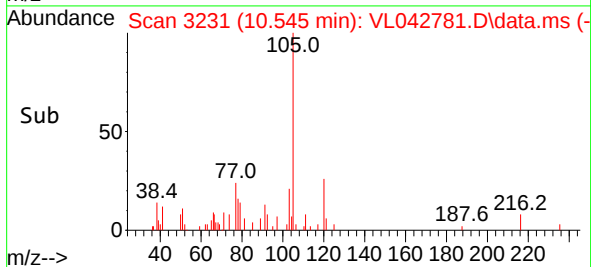
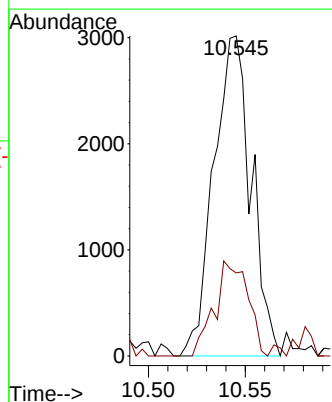
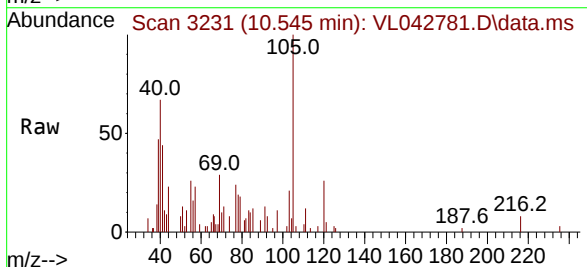
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

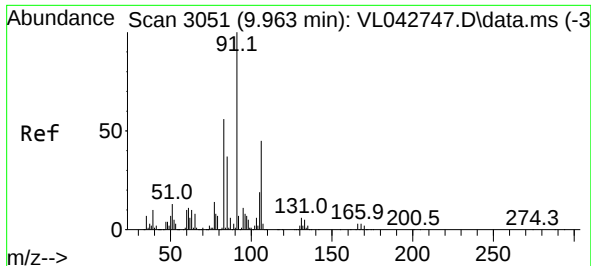
Tgt Ion: 91 Resp: 13742
Ion Ratio Lower Upper
91 100
106 43.0 22.0 66.0



#62
Isopropylbenzene
Concen: 0.057 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 105 Resp: 4055
Ion Ratio Lower Upper
105 100
120 28.0 20.5 30.7





#63

1,1,2,2-Tetrachloroethane

Concen: 0.053 ppbv

RT: 9.960 min Scan# 3051

Delta R.T. -0.003 min

Lab File: VL042781.D

Acq: 29 Jul 2025 13:49

Instrument :

MSVOA_L

ClientSampleId :

SV3DL

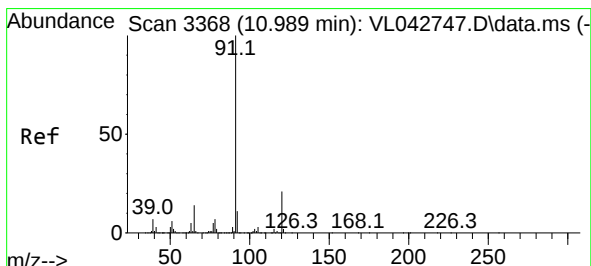
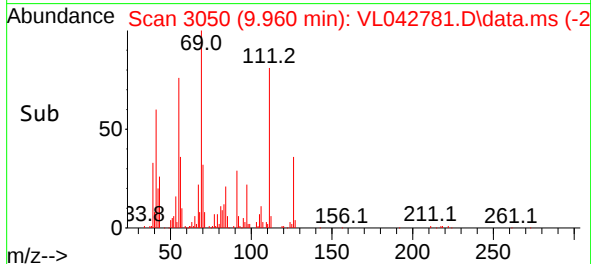
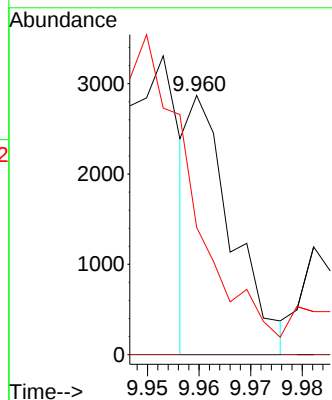
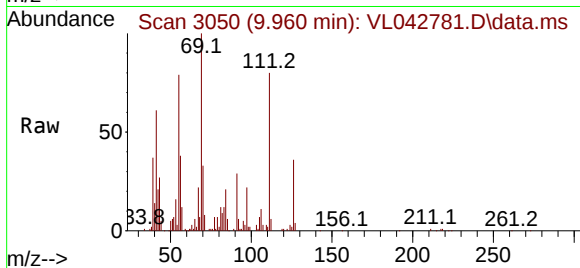
Tgt Ion: 83 Resp: 1644

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 32.6 97.7#



#64

n-propylbenzene

Concen: 0.061 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.007 min

Lab File: VL042781.D

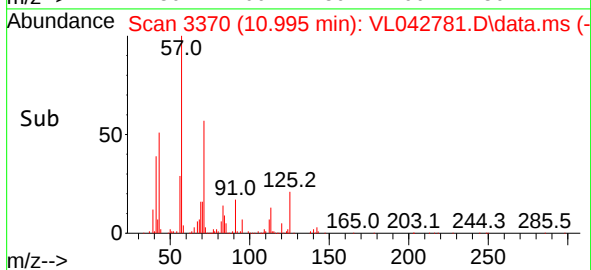
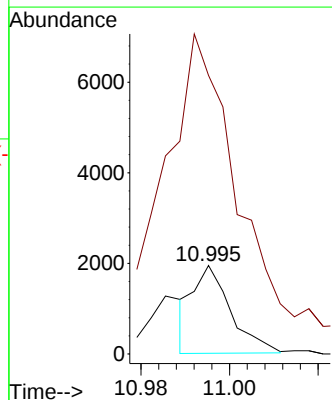
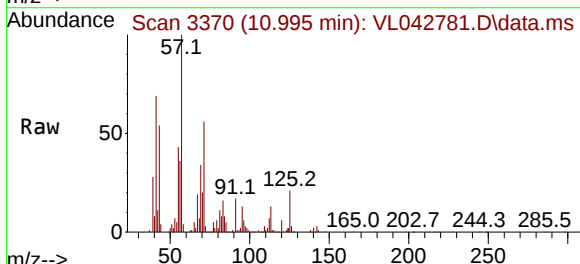
Acq: 29 Jul 2025 13:49

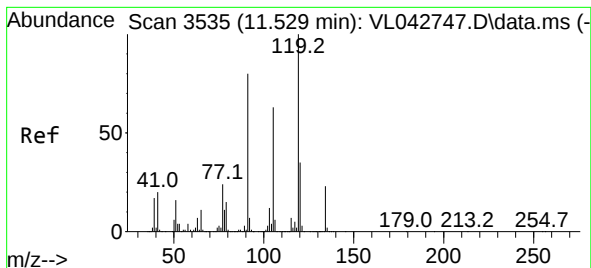
Tgt Ion: 120 Resp: 1137

Ion Ratio Lower Upper

120 100

91 1077.0 372.7 559.1#

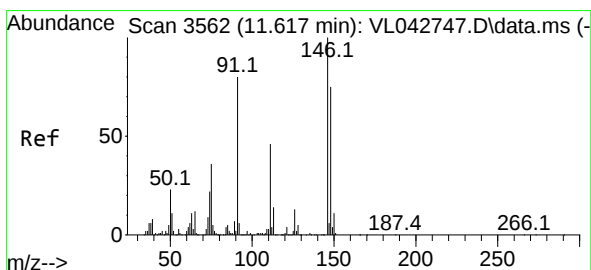
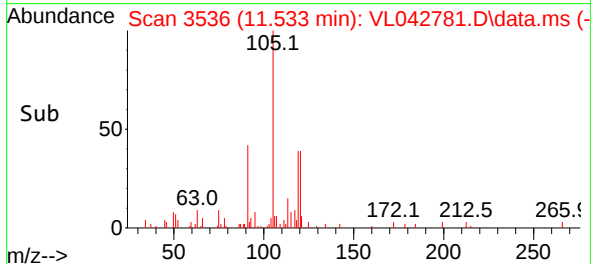
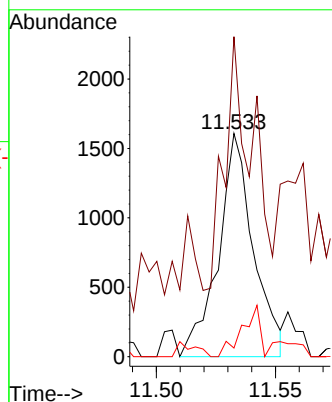
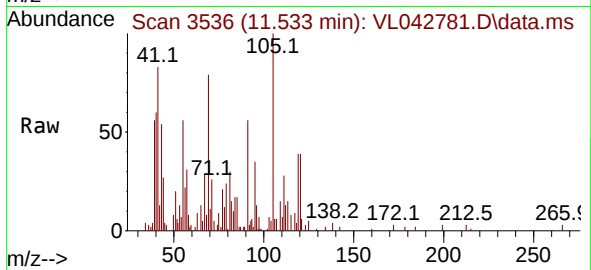




#65
tert-Butylbenzene
Concen: 0.026 ppbv
RT: 11.533 min Scan# 3535
Delta R.T. 0.003 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

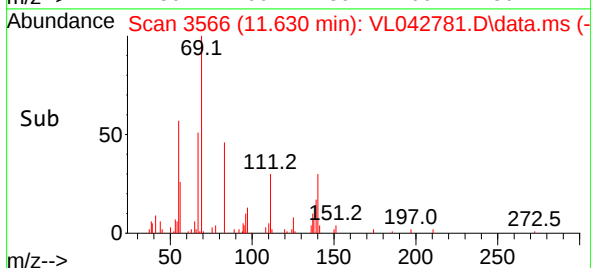
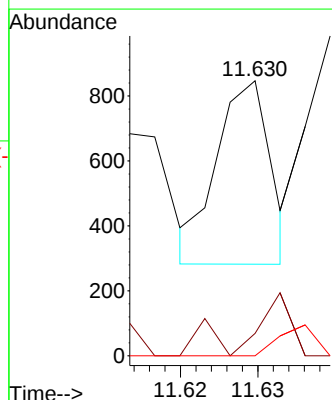
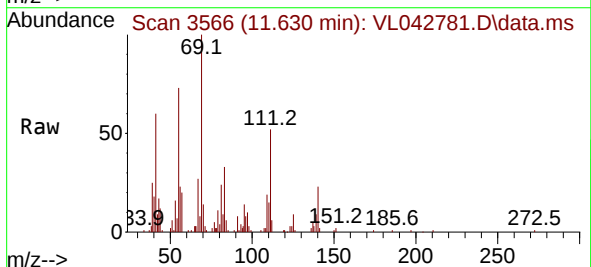
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

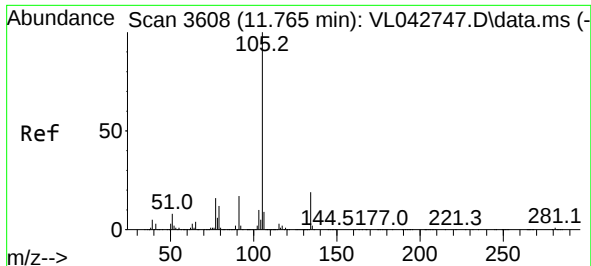
Tgt Ion:119 Resp: 1640
Ion Ratio Lower Upper
119 100
91 228.1 64.0 96.0#
134 20.8 17.3 25.9



#66
Benzyl Chloride
Concen: 0.052 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.013 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 91 Resp: 272
Ion Ratio Lower Upper
91 100
126 85.3 14.4 21.6#
128 0.0 5.2 7.8#





#67

sec-Butylbenzene

Concen: 0.031 ppbv

RT: 11.775 min Scan# 3611

Delta R.T. 0.010 min

Lab File: VL042781.D

Acq: 29 Jul 2025 13:49

Instrument :

MSVOA_L

ClientSampleId :

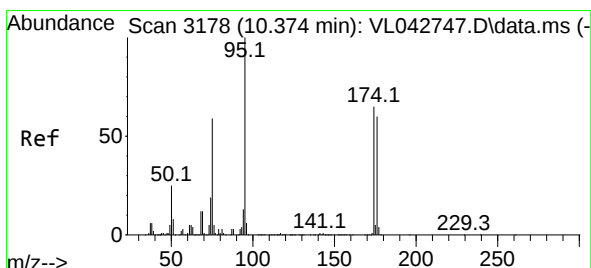
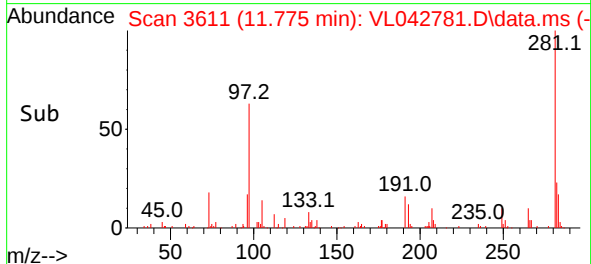
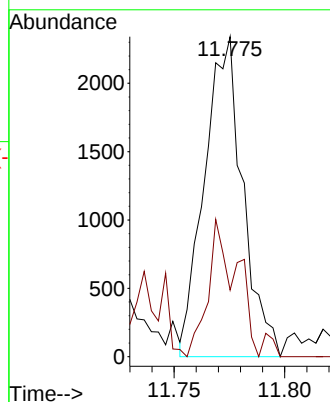
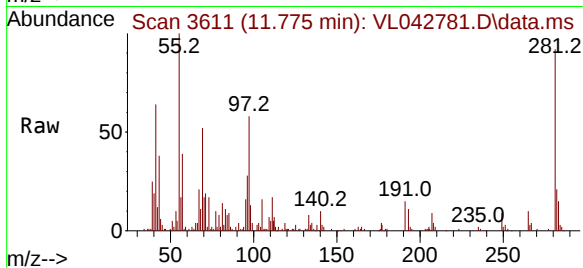
SV3DL

Tgt Ion:105 Resp: 2814

Ion Ratio Lower Upper

105 100

134 34.1 15.5 23.3#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.970 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.007 min

Lab File: VL042781.D

Acq: 29 Jul 2025 13:49

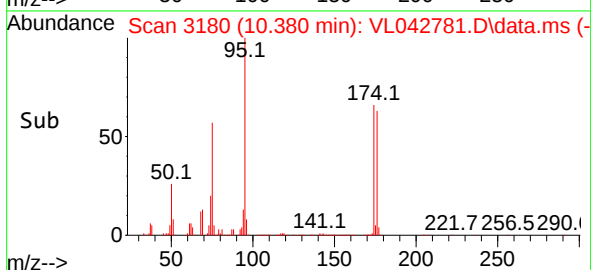
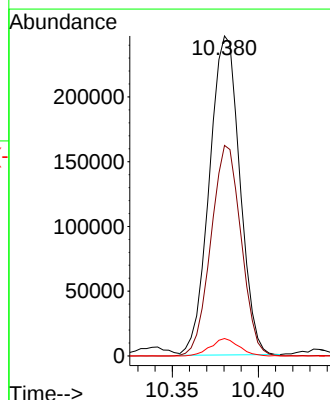
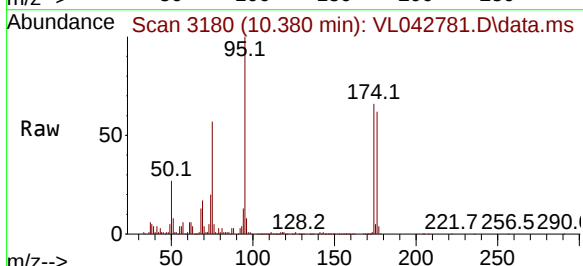
Tgt Ion: 95 Resp: 302771

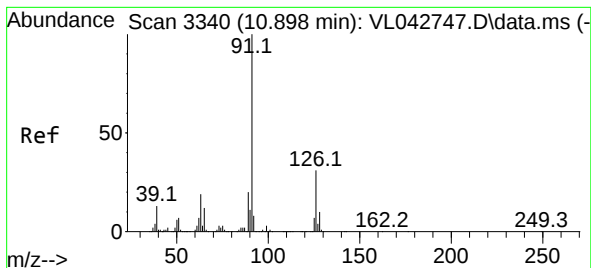
Ion Ratio Lower Upper

95 100

174 65.5 53.8 80.6

175 5.1 4.0 6.0

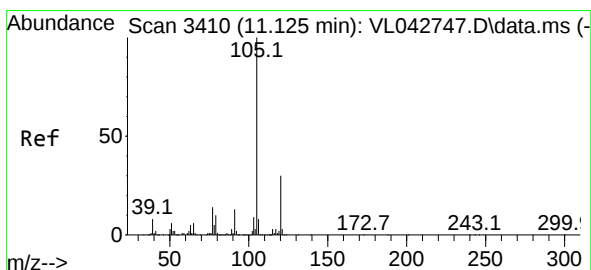
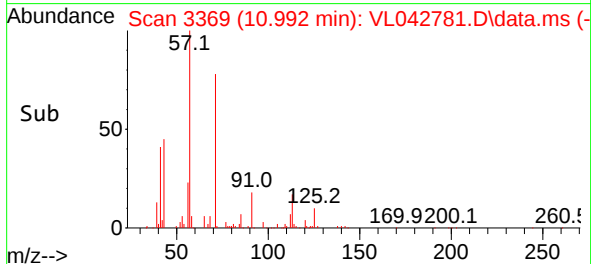
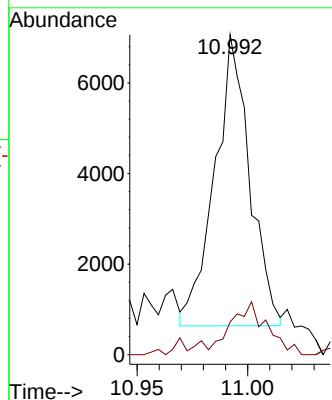
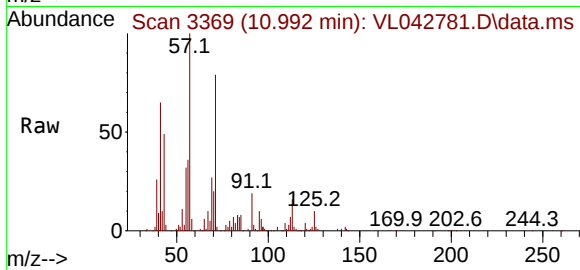




#71
2-Chlorotoluene
Concen: 0.129 ppbv
RT: 10.992 min Scan# 31
Delta R.T. 0.094 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

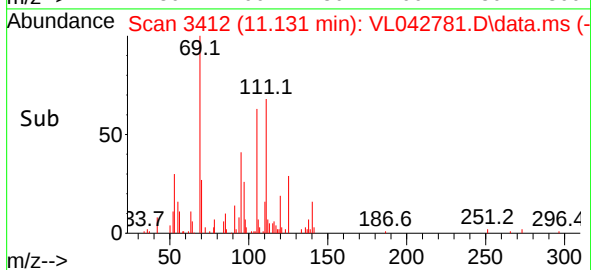
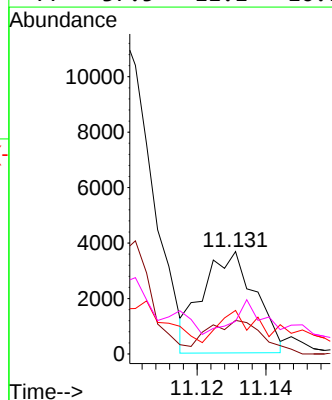
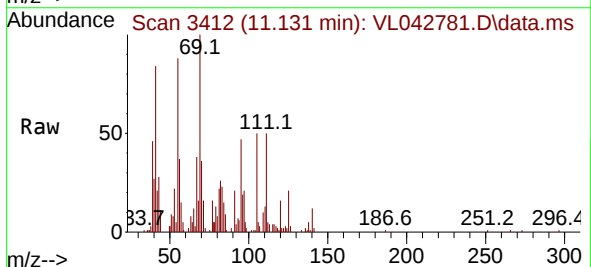
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

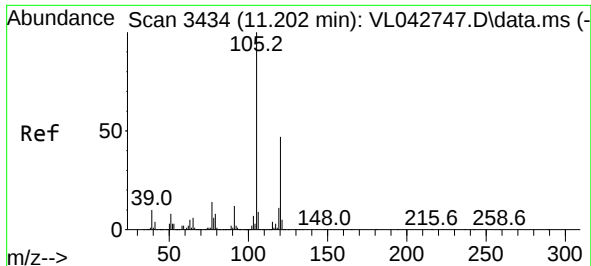
Tgt Ion: 91 Resp: 7054
Ion Ratio Lower Upper
91 100
126 23.1 12.0 48.2



#72
4-Ethyltoluene
Concen: 0.067 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion: 105 Resp: 3886
Ion Ratio Lower Upper
105 100
120 0.0 24.4 36.6#
91 48.9 10.6 15.8#
77 37.5 11.1 16.7#

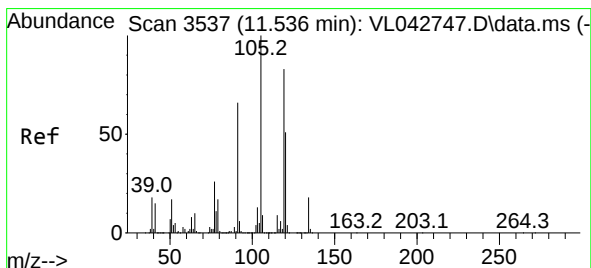
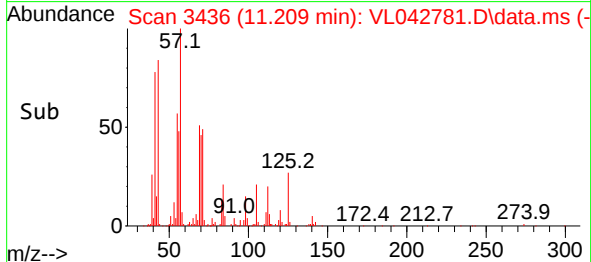
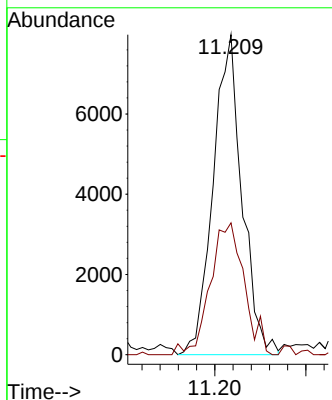
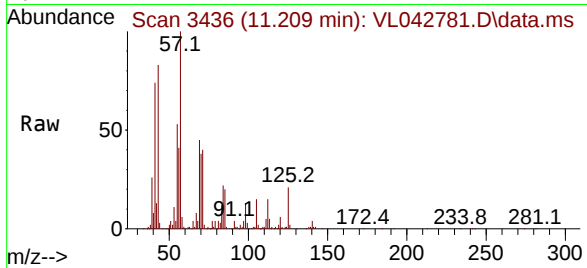




#73
 1,3,5-Trimethylbenzene
 Concen: 0.184 ppbv
 RT: 11.209 min Scan# 3434
 Delta R.T. 0.007 min
 Lab File: VL042781.D
 Acq: 29 Jul 2025 13:49

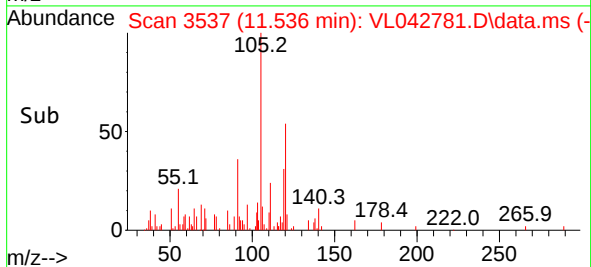
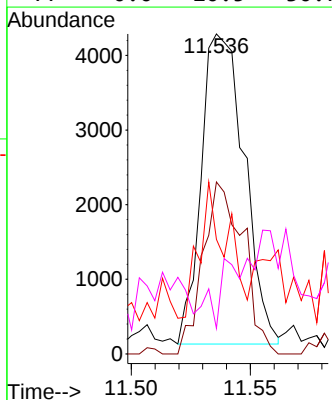
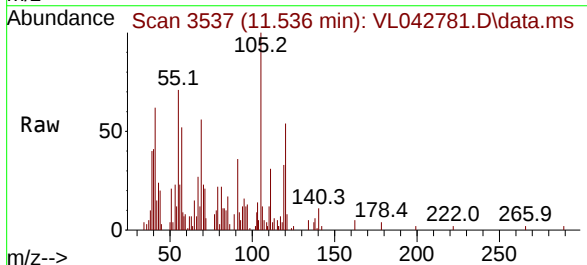
Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

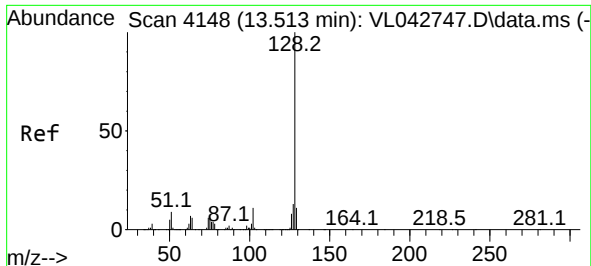
Tgt Ion:105 Resp: 8772
 Ion Ratio Lower Upper
 105 100
 120 41.2 37.8 56.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.101 ppbv
 RT: 11.536 min Scan# 3537
 Delta R.T. 0.000 min
 Lab File: VL042781.D
 Acq: 29 Jul 2025 13:49

Tgt Ion:105 Resp: 5215
 Ion Ratio Lower Upper
 105 100
 120 55.5 40.8 61.2
 91 25.5 53.0 79.4#
 77 0.0 20.5 30.7#

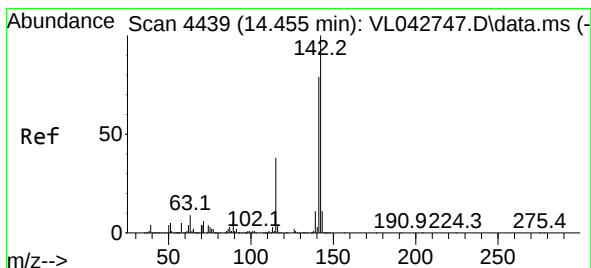
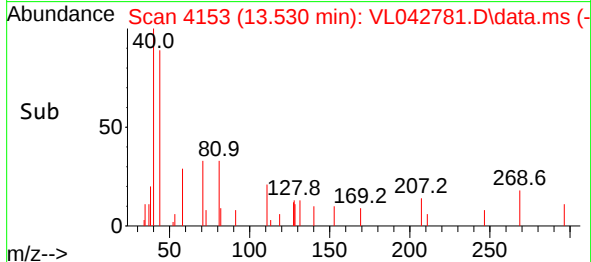
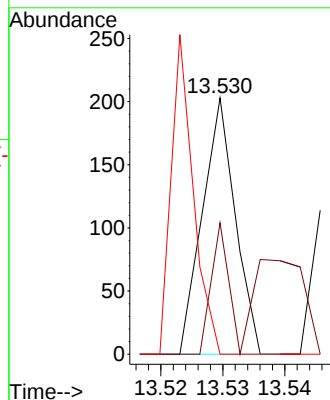
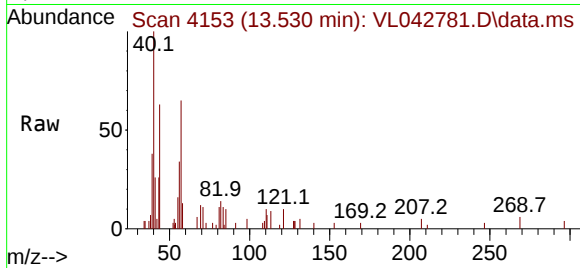




#79
Naphthalene
Concen: 0.436 ppbv
RT: 13.530 min Scan# 4148
Delta R.T. 0.016 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

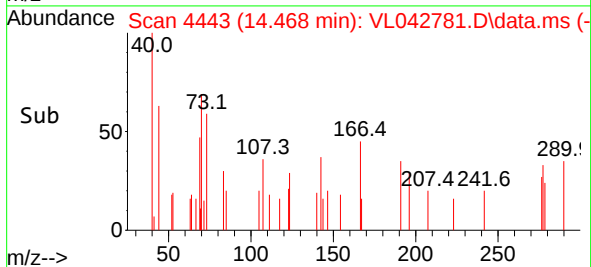
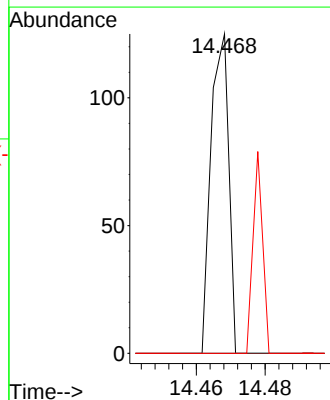
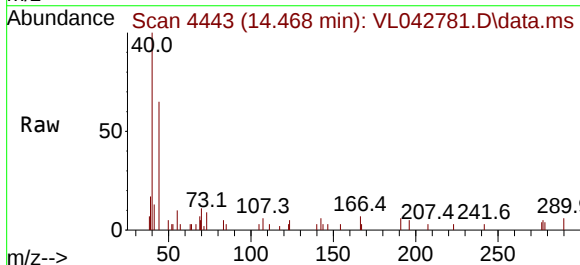
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

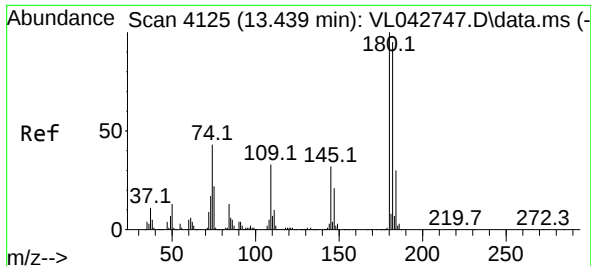
Tgt Ion:128 Resp: 75
Ion Ratio Lower Upper
128 100
127 105.4 10.5 15.7#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 1.130 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.013 min
Lab File: VL042781.D
Acq: 29 Jul 2025 13:49

Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
141 0.0 65.8 98.8#
115 84.1 31.2 46.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.435 ppbv

RT: 13.416 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL042781.D

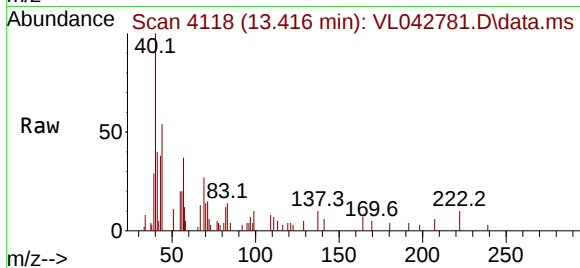
Acq: 29 Jul 2025 13:49

Instrument :

MSVOA_L

ClientSampleId :

SV3DL



Tgt Ion:	180	Resp:	19
Ion	Ratio	Lower	Upper
180	100		
182	563.2	76.2	114.2#
184	0.0	24.8	37.2#

