

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042568.D
 Acq On : 21 May 2025 16:21
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Quant Time: May 21 23:06:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	100842	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	306167	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	261763	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	212738	10.155	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.557	85	1989	0.105	ppbv	95
3) Chlorodifluoromethane	1.479	51	1928	0.124	ppbv	92
4) Chloromethane	1.538	50	805	0.132	ppbv	97
5) Vinyl Chloride	1.580	62	749	0.112	ppbv #	67
6) Bromomethane	1.670	94	460	0.119	ppbv #	80
7) Chloroethane	1.709	64	343	0.127	ppbv	91
8) Dichlorotetrafluoroethane	1.557	85	1989	0.125	ppbv	98
9) Propene	1.486	41	447	0.083	ppbv	90
10) Heptane	4.994	43	254	0.018	ppbv #	1
11) Trichlorofluoromethane	1.881	101	2239	0.114	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.146	101	1909	0.120	ppbv	99
13) Ethanol	1.894	45	1192	1.523	ppbv #	37
14) Bromoethene	1.787	108	663	0.111	ppbv #	82
15) Acetone	1.839	43	2545	0.181	ppbv #	81
16) 1,3-Butadiene	1.615	39	783	0.137	ppbv	85
17) tert-Butyl alcohol	2.049	59	1703	0.105	ppbv #	94
18) 1,1-Dichloroethene	2.039	96	772	0.108	ppbv #	67
19) Isopropyl Alcohol	1.894	45	1192	0.149	ppbv #	38
20) Methylene Chloride	2.065	84	2121	0.312	ppbv	88
21) Allyl Chloride	2.101	41	1234	0.137	ppbv	90
22) trans-1,2-Dichloroethene	2.347	96	925	0.116	ppbv	89
23) Vinyl Acetate	2.466	43	1512	0.095	ppbv #	91
24) 1,1-Dichloroethane	2.415	63	1890	0.138	ppbv	98
25) Ethyl Acetate	2.835	43	301	0.011	ppbv #	74
26) Hexane	2.835	57	648	0.053	ppbv #	31
27) Carbon Disulfide	2.156	76	1885	0.106	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	938	0.113	ppbv	98
29) Chloroform	2.858	83	2676	0.115	ppbv	88
30) Cyclohexane	3.861	84	444	0.042	ppbv #	63
31) cis-1,2-Dichloroethene	2.729	61	1143	0.085	ppbv	93
32) 1,1,1-Trichloroethane	3.379	97	2500	0.105	ppbv	96
34) 2-Butanone	2.570	43	1522	0.094	ppbv #	88
35) Carbon Tetrachloride	3.777	117	3005	0.128	ppbv #	82
36) Benzene	3.667	78	1160	0.047	ppbv #	89
37) 1,2-Dichloroethane	3.224	62	1564	0.103	ppbv #	80
38) Trichloroethene	4.554	130	416	0.037	ppbv #	51
39) 1,2-Dichloropropane	3.972	63	73402	8.441	ppbv #	26
40) 1,4-Dioxane	4.622	88	106	0.027	ppbv #	13
41) Tetrahydrofuran	3.085	42	487	0.061	ppbv #	83
42) Bromodichloromethane	4.496	83	988	0.046	ppbv #	81
43) Methyl Methacrylate	4.891	69	171	0.020	ppbv #	1
44) 2,2,4-Trimethylpentane	4.645	57	762	0.020	ppbv #	43
45) t-1,3-Dichloropropene	6.451	75	85	0.008	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042568.D
 Acq On : 21 May 2025 16:21
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

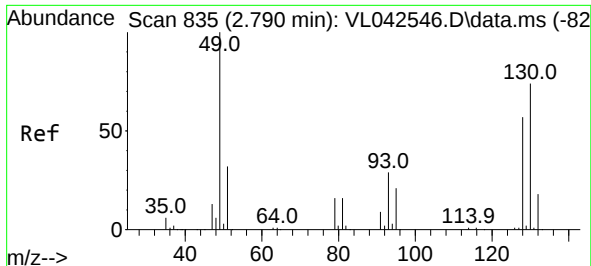
Quant Time: May 21 23:06:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.606	75	93	0.007	ppbv	#	1
47) 1,1,2-Trichloroethane	6.593	97	688	0.066	ppbv	#	30
48) Dibromochloromethane	7.399	129	1027	0.057	ppbv	#	10
49) Bromoform	9.493	173	1423	0.092	ppbv		97
50) 4-Methyl-2-Pentanone	5.771	43	70	0.004	ppbv	#	37
51) 2-Hexanone	7.457	43	233	0.016	ppbv	#	1
52) Tetrachloroethene	8.241	164	362	0.037	ppbv	#	70
53) Toluene	6.946	91	826	0.031	ppbv	#	32
54) 1,2-Dibromoethane	7.668	107	287	0.019	ppbv		84
56) 1,1,1,2-Tetrachloroethane	8.937	131	656	0.047	ppbv	#	1
57) Chlorobenzene	8.933	112	1133	0.049	ppbv	#	77
58) Ethyl Benzene	9.370	91	567	0.017	ppbv		94
59) m/p-Xylene	9.564	91	1042	0.036	ppbv	#	1
60) o-Xylene	9.972	91	713	0.025	ppbv	#	27
61) Styrene	9.878	104	540	0.049	ppbv		96
62) Isopropylbenzene	10.545	105	2406	0.054	ppbv		94
63) 1,1,2,2-Tetrachloroethane	9.975	83	2066	0.107	ppbv		96
64) n-propylbenzene	11.002	120	664	0.060	ppbv		67
65) tert-Butylbenzene	11.536	119	1695	0.042	ppbv		98
66) Benzyl Chloride	11.626	91	215	0.043	ppbv	#	65
67) sec-Butylbenzene	11.545	105	1751	0.031	ppbv		99
69) p-Isopropyltoluene	11.937	119	1764	0.038	ppbv		96
70) n-Butylbenzene	12.293	91	1637	0.037	ppbv		94
71) 2-Chlorotoluene	10.911	91	1745	0.055	ppbv		95
72) 4-Ethyltoluene	11.134	105	1517	0.042	ppbv	#	83
73) 1,3,5-Trimethylbenzene	11.209	105	1436	0.046	ppbv		100
74) 1,2,4-Trimethylbenzene	11.545	105	1751	0.047	ppbv	#	80
75) 1,3-Dichlorobenzene	11.616	146	1412	0.061	ppbv		94
76) 1,4-Dichlorobenzene	11.678	146	1249	0.056	ppbv		96
77) 1,2-Dichlorobenzene	11.956	146	1321	0.058	ppbv		93
78) Hexachloro-1,3-Butadiene	13.889	225	1958	0.104	ppbv		91
79) Naphthalene	13.523	128	408	0.015	ppbv	#	90
80) Naphthalene,2-methyl-	14.504	142	111	0.008	ppbv	#	55
81) 1,2,4-Trichlorobenzene	13.452	180	305	0.018	ppbv	#	72

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

Quant Time: May 21 23:06:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.793 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

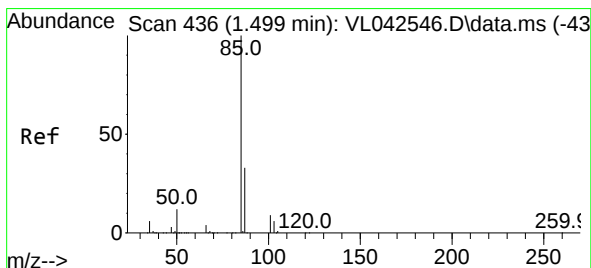
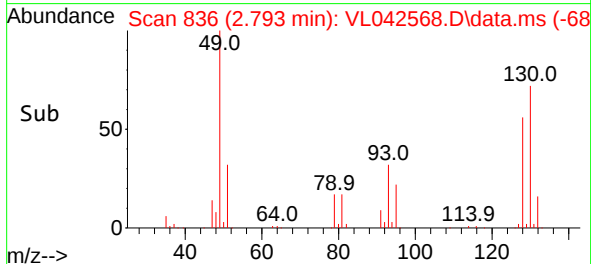
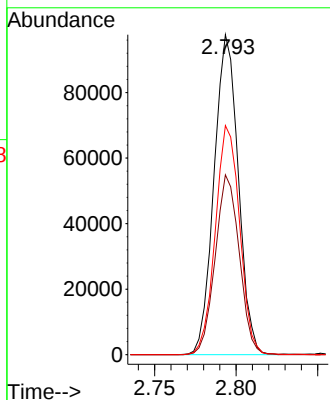
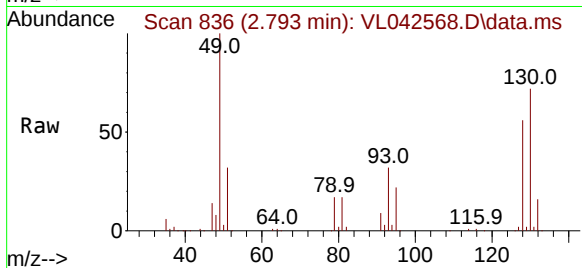
Tgt Ion: 49 Resp: 100842

Ion Ratio Lower Upper

49 100

128 55.8 28.6 85.8

130 72.0 36.6 109.8



#2

Dichlorodifluoromethane

Concen: 0.105 ppbv

RT: 1.557 min Scan# 454

Delta R.T. 0.058 min

Lab File: VL042568.D

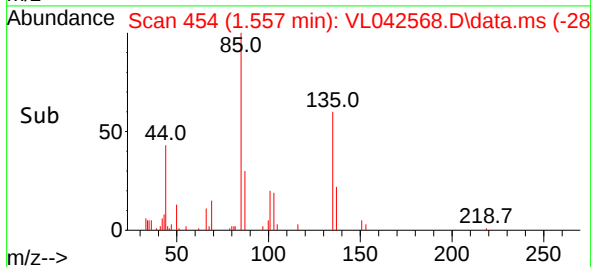
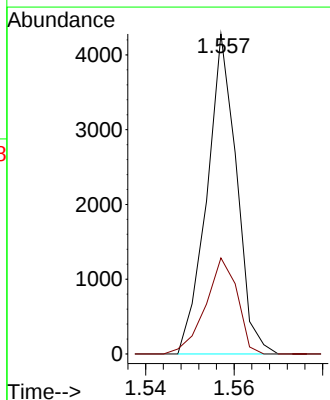
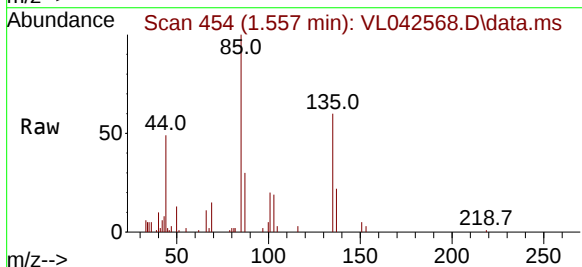
Acq: 21 May 2025 16:21

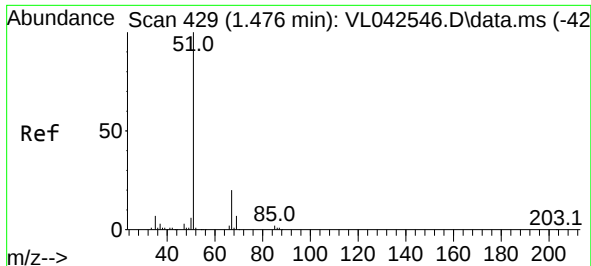
Tgt Ion: 85 Resp: 1989

Ion Ratio Lower Upper

85 100

87 30.0 26.2 39.4

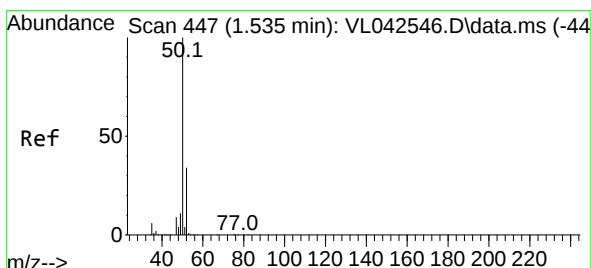
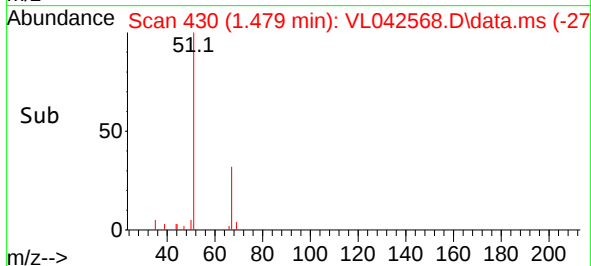
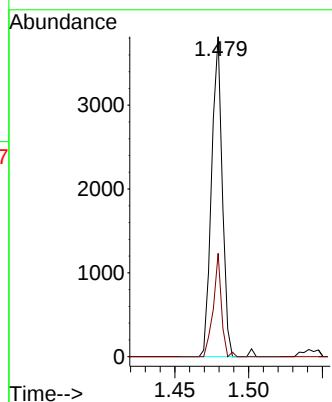
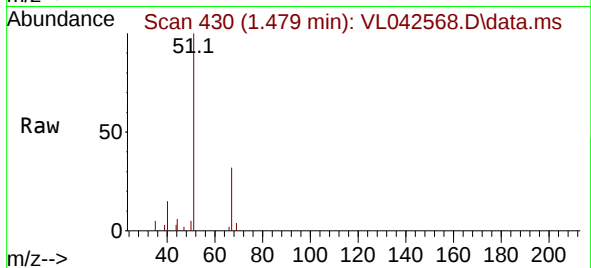




#3
Chlorodifluoromethane
Concen: 0.124 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

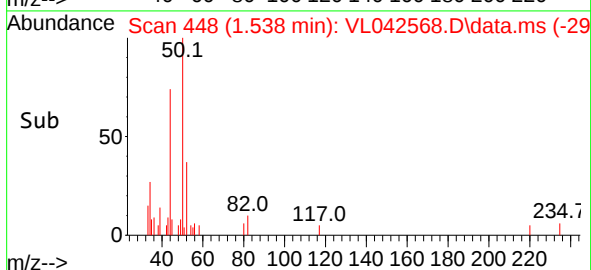
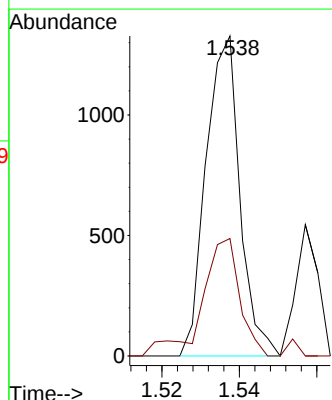
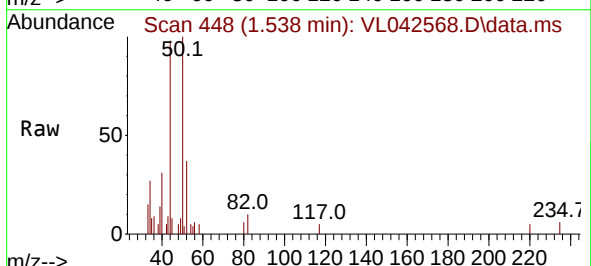
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

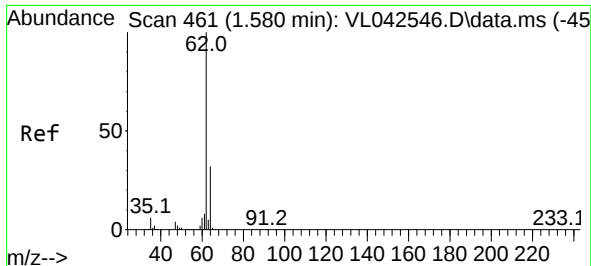
Tgt Ion: 51 Resp: 1928
Ion Ratio Lower Upper
51 100
67 24.4 16.6 25.0



#4
Chloromethane
Concen: 0.132 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 50 Resp: 805
Ion Ratio Lower Upper
50 100
52 35.3 26.9 40.3

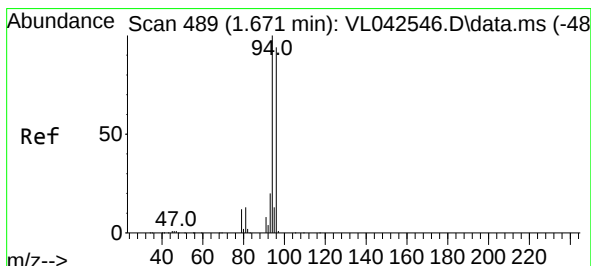
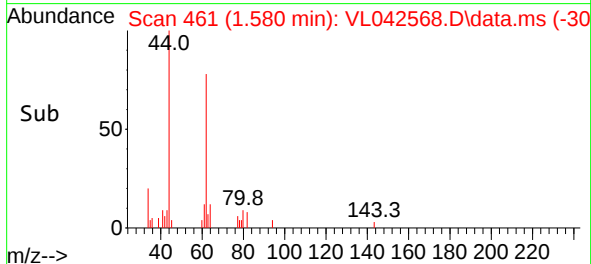
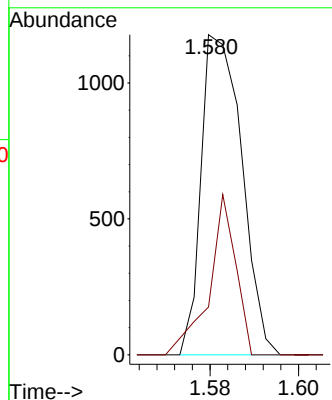
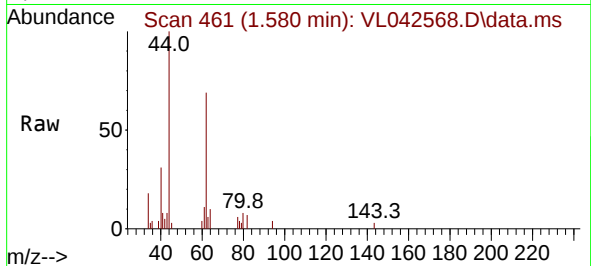




#5
 Vinyl Chloride
 Concen: 0.112 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

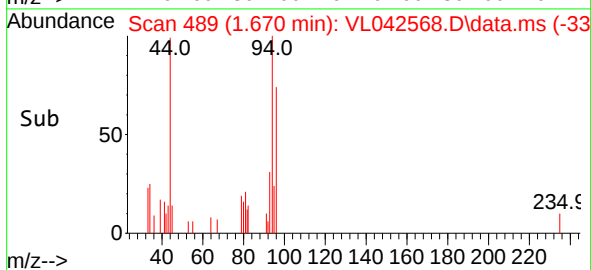
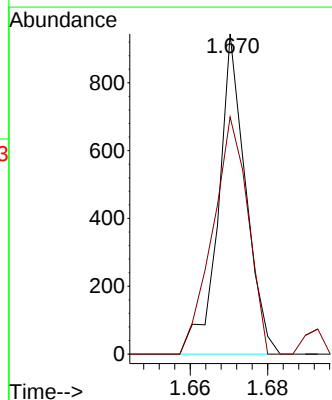
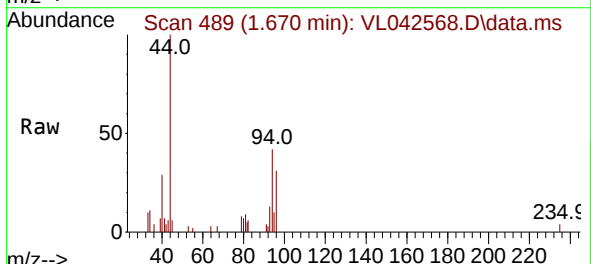
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

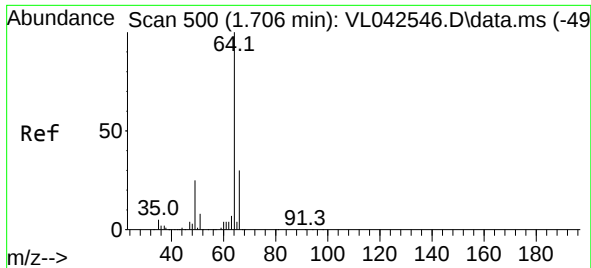
Tgt Ion: 62 Resp: 749
 Ion Ratio Lower Upper
 62 100
 64 13.8 25.7 38.5#



#6
 Bromomethane
 Concen: 0.119 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion: 94 Resp: 460
 Ion Ratio Lower Upper
 94 100
 96 74.0 74.9 112.3#

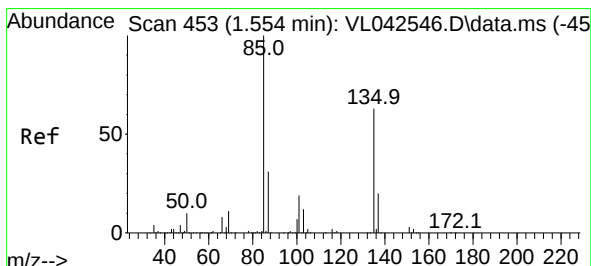
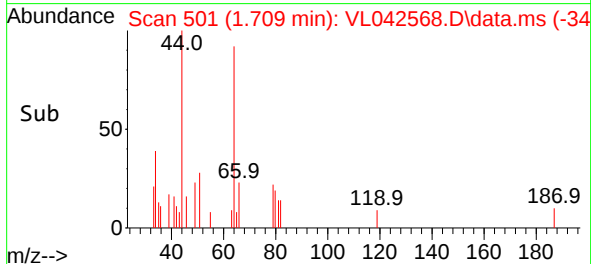
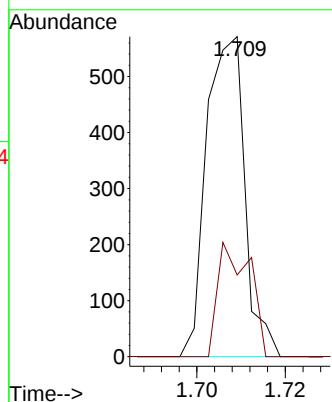
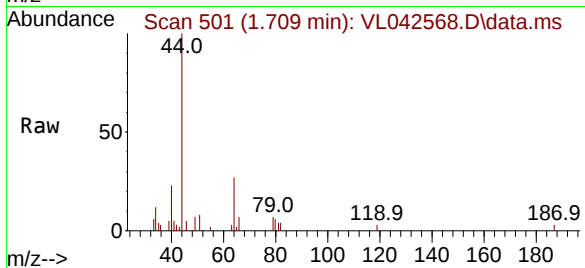




#7
Chloroethane
Concen: 0.127 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

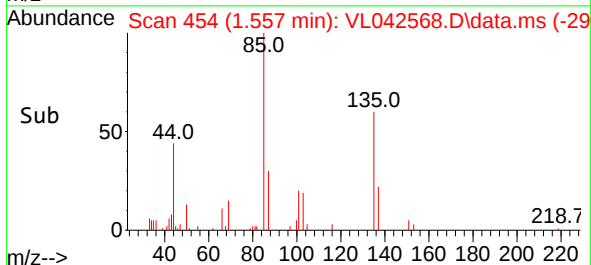
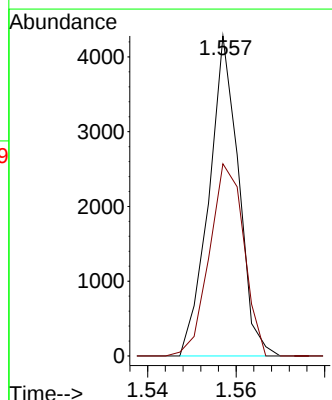
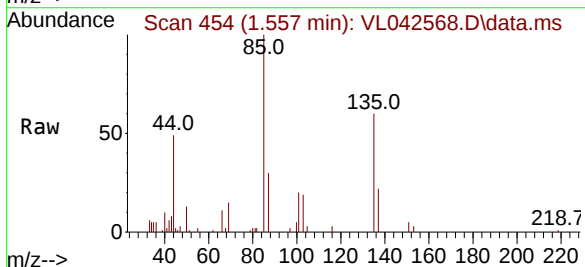
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ClientSampleId :
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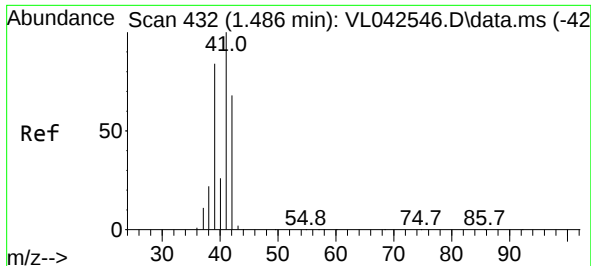
Tgt Ion: 64 Resp: 343
Ion Ratio Lower Upper
64 100
66 25.6 24.4 36.6



#8
Dichlorotetrafluoroethane
Concen: 0.125 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 85 Resp: 1989
Ion Ratio Lower Upper
85 100
135 69.7 57.2 85.8

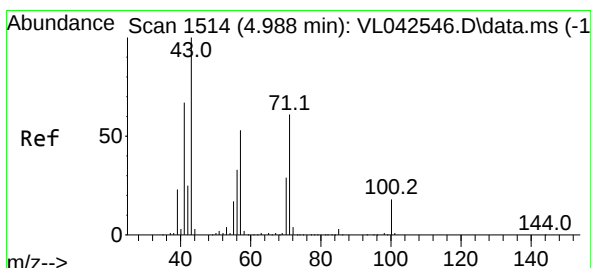
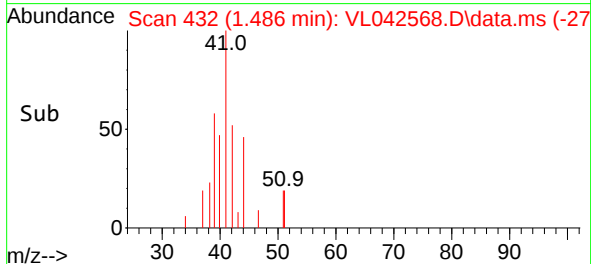
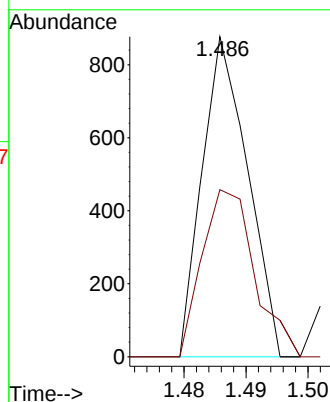
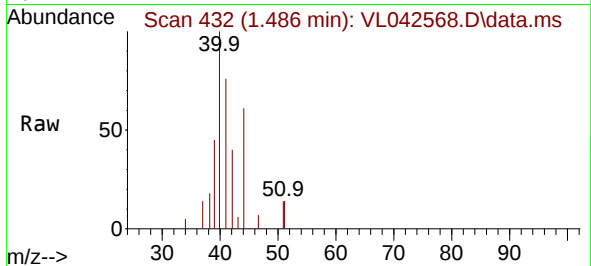




#9
 Propene
 Concen: 0.083 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

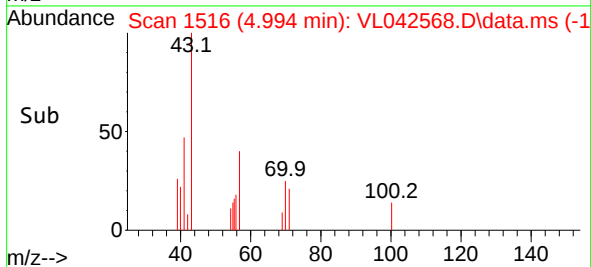
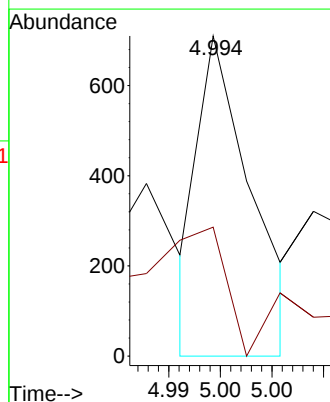
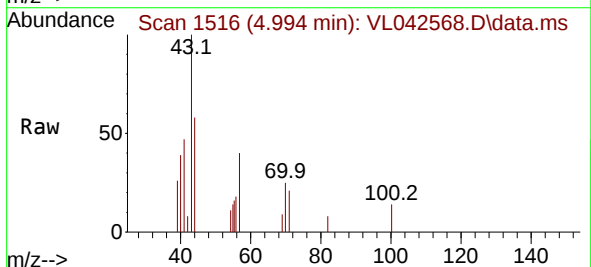
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

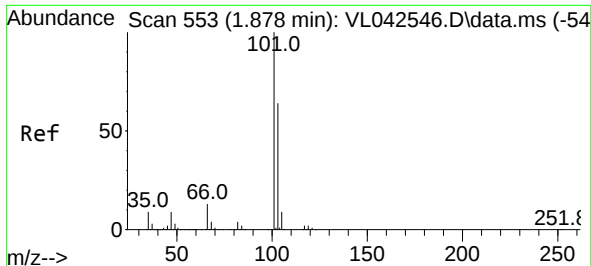
Tgt Ion: 41 Resp: 447
 Ion Ratio Lower Upper
 41 100
 42 60.2 55.0 82.4



#10
 Heptane
 Concen: 0.018 ppbv
 RT: 4.994 min Scan# 1516
 Delta R.T. 0.006 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion: 43 Resp: 254
 Ion Ratio Lower Upper
 43 100
 57 140.6 43.4 65.0#

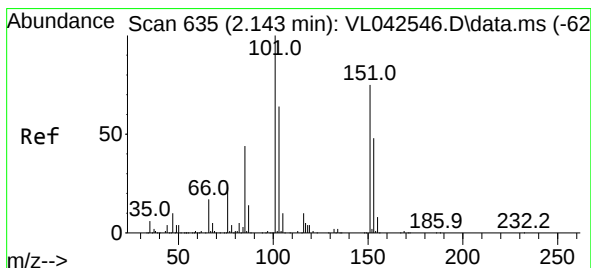
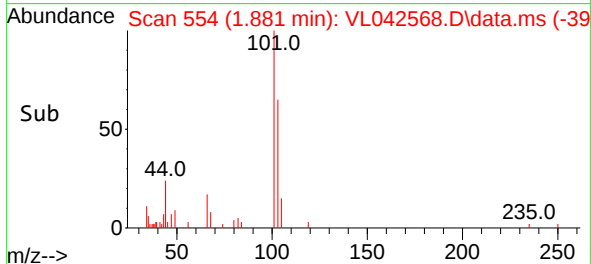
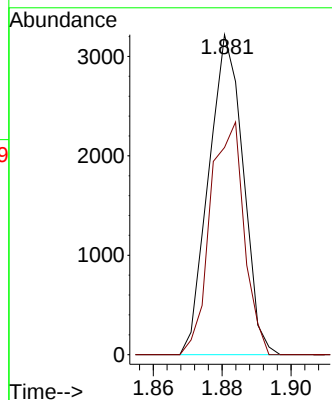
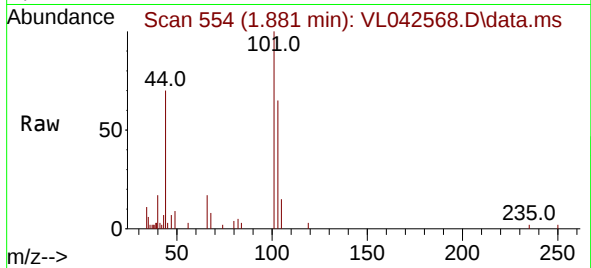




#11
 Trichlorofluoromethane
 Concen: 0.114 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. 0.003 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

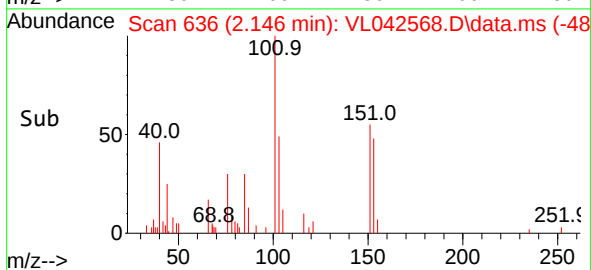
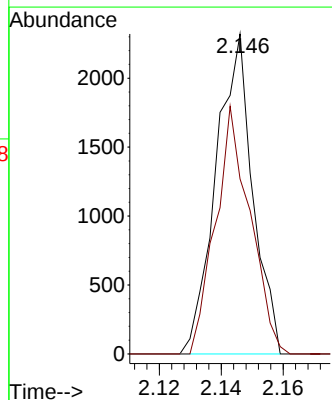
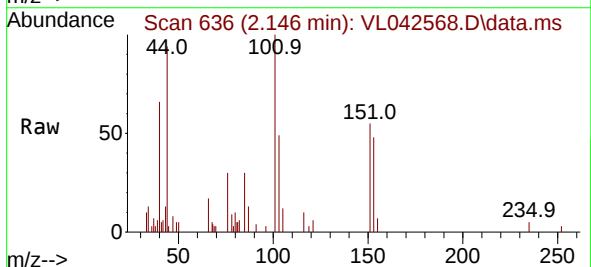
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

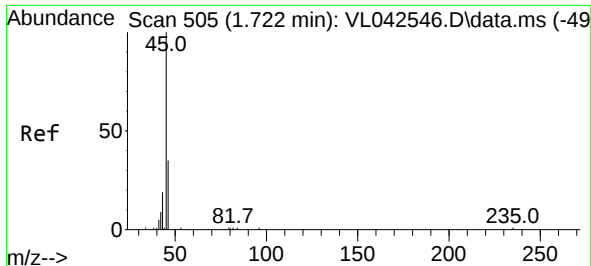
Tgt Ion:101 Resp: 2239
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.120 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion:101 Resp: 1909
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.5 89.3

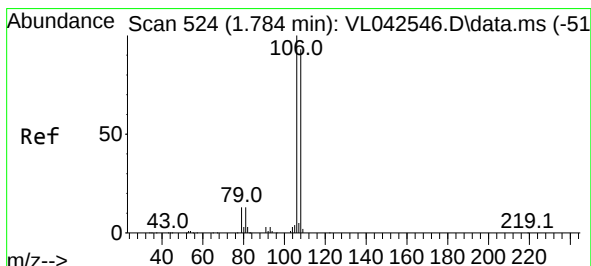
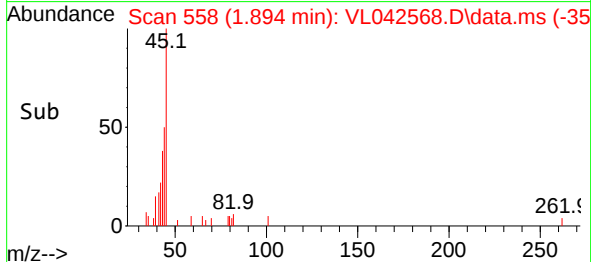
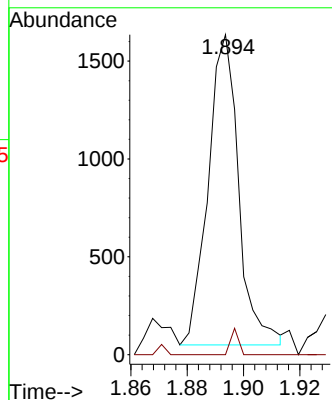
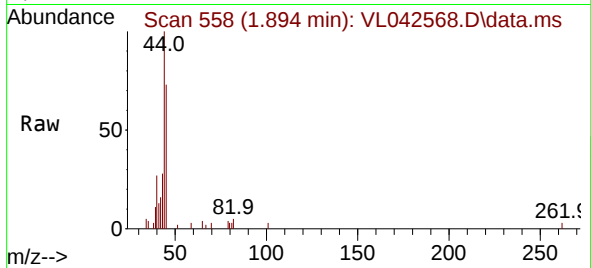




#13
Ethanol
Concen: 1.523 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.171 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

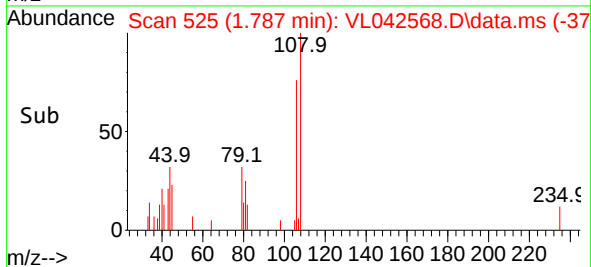
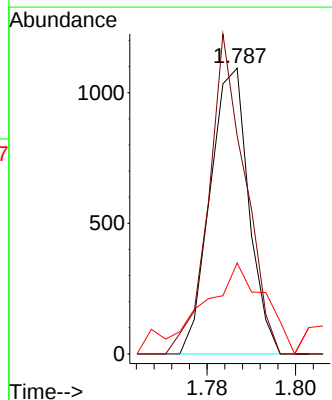
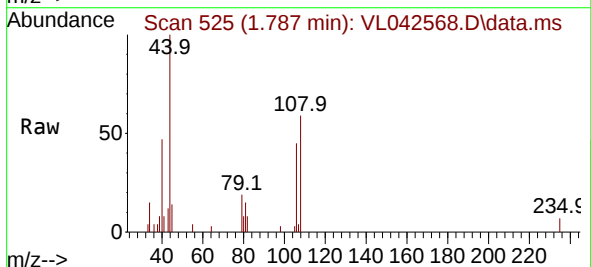
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

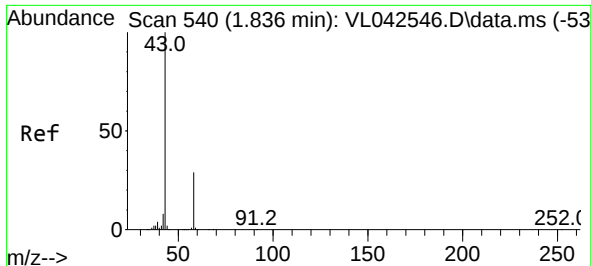
Tgt Ion: 45 Resp: 1192
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.111 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion:108 Resp: 663
Ion Ratio Lower Upper
108 100
106 106.6 86.4 129.6
79 72.9 11.9 17.9#

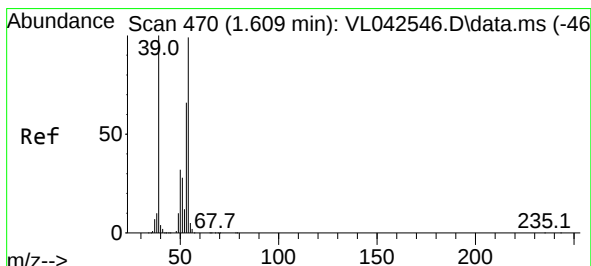
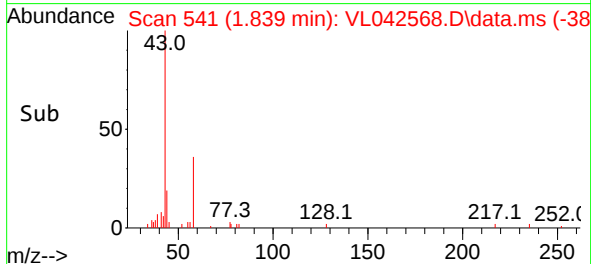
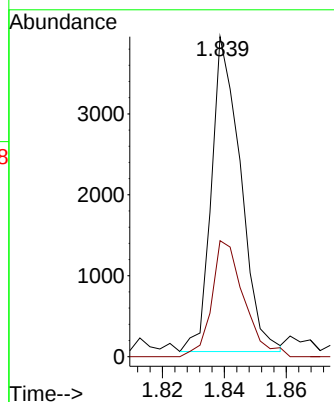
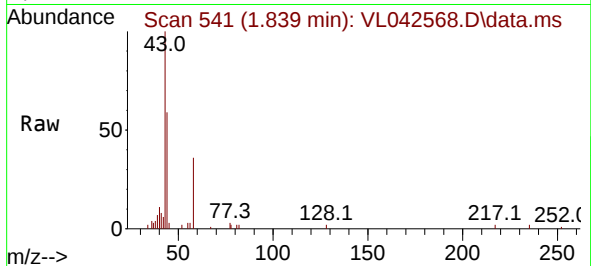




#15
Acetone
Concen: 0.181 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

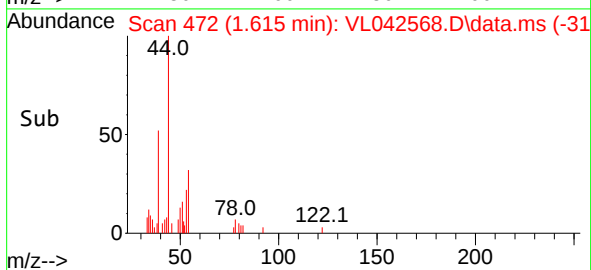
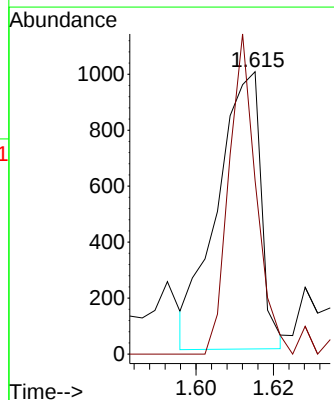
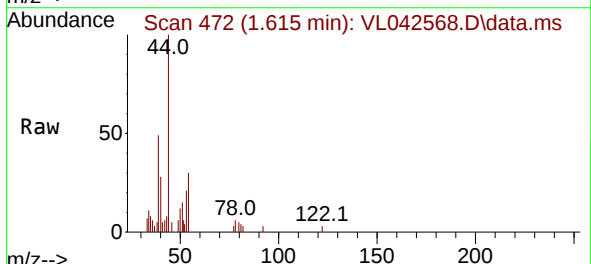
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

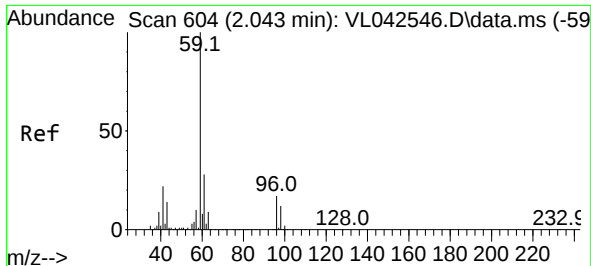
Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
58 40.5 24.2 36.2#



#16
1,3-Butadiene
Concen: 0.137 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 39 Resp: 783
Ion Ratio Lower Upper
39 100
54 75.4 71.8 107.8





#17

tert-Butyl alcohol

Concen: 0.105 ppbv

RT: 2.049 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

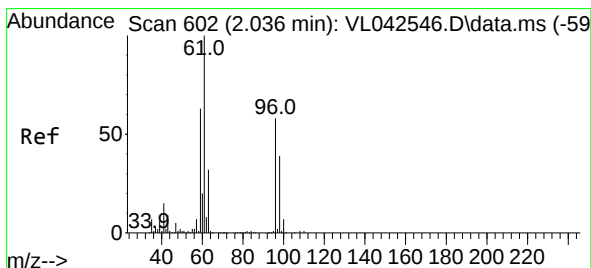
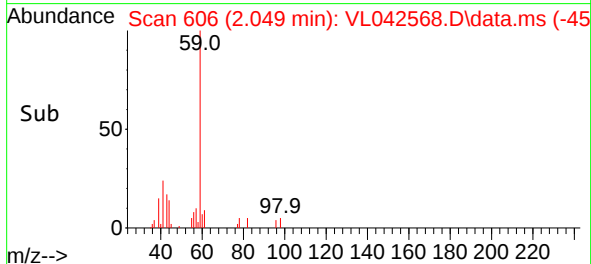
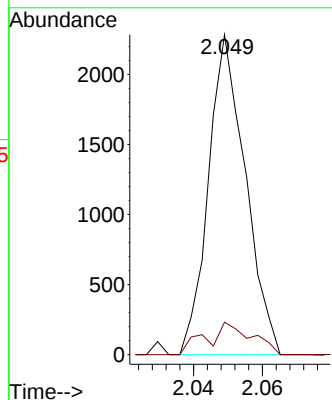
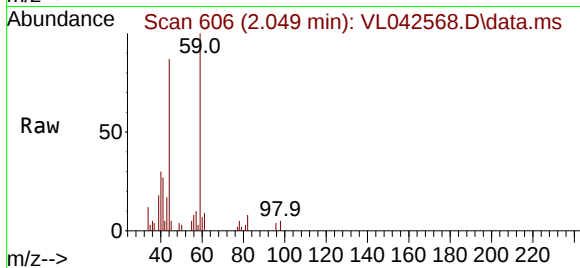
MDL 0.1

Tgt Ion: 59 Resp: 1703

Ion Ratio Lower Upper

59 100

57 12.4 8.2 12.2#



#18

1,1-Dichloroethene

Concen: 0.108 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

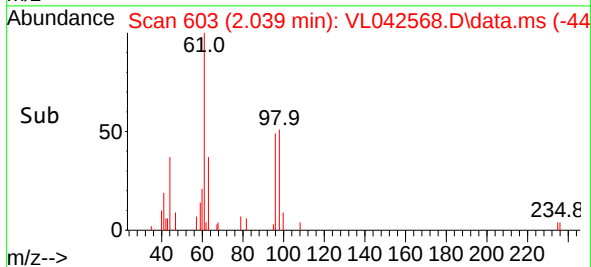
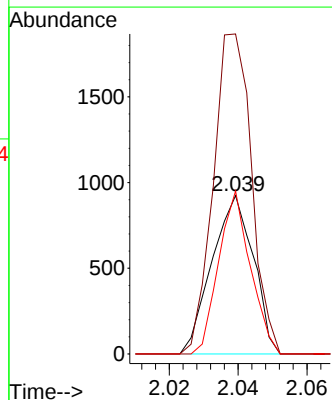
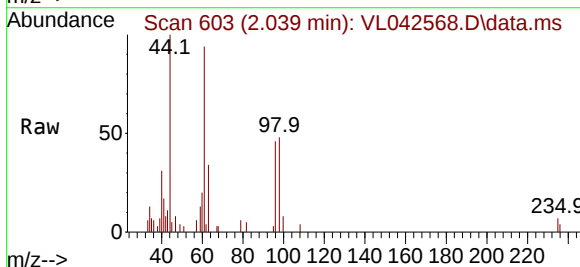
Tgt Ion: 96 Resp: 772

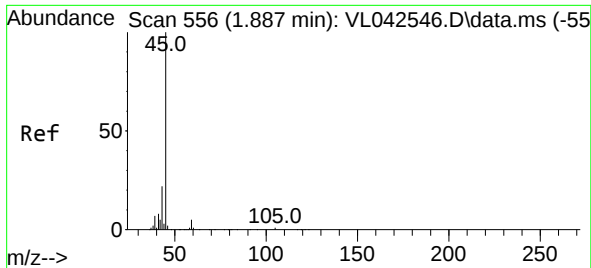
Ion Ratio Lower Upper

96 100

61 210.1 137.5 206.3#

98 102.9 53.2 79.8#

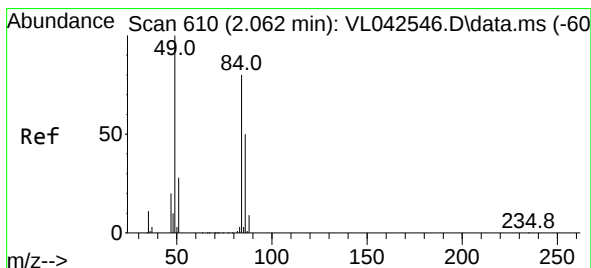
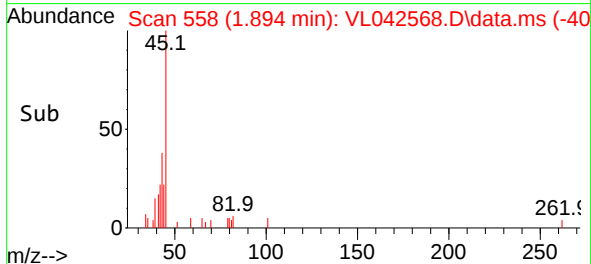
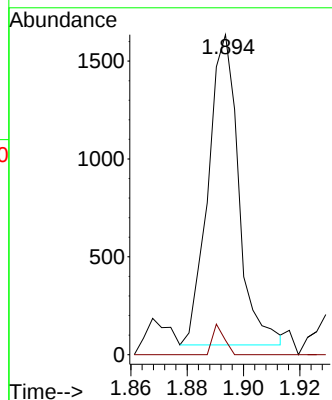
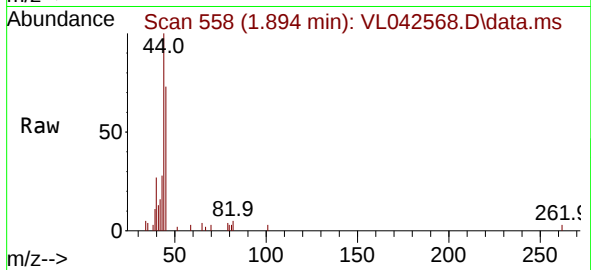




#19
Isopropyl Alcohol
Concen: 0.149 ppbv
RT: 1.894 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

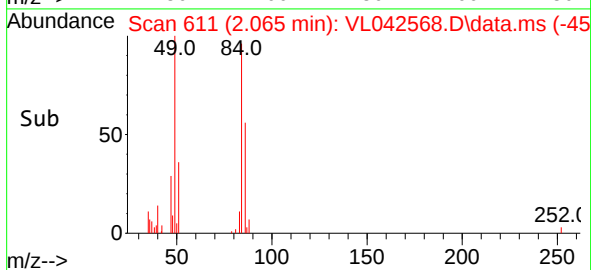
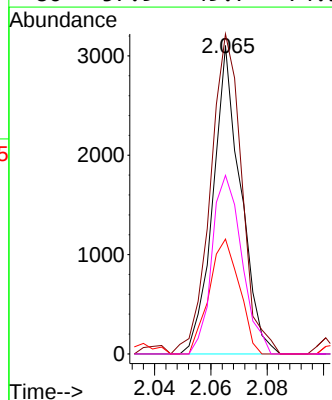
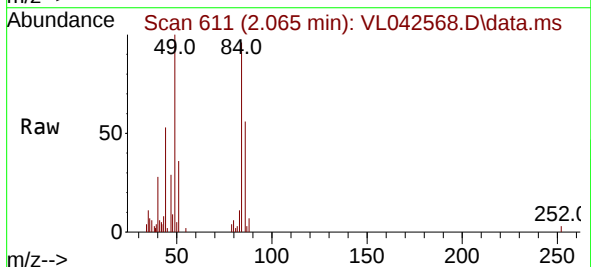
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

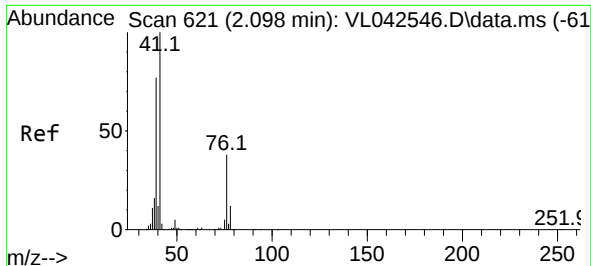
Tgt Ion: 45 Resp: 1192
Ion Ratio Lower Upper
45 100
58 3.8 35.3 52.9#



#20
Methylene Chloride
Concen: 0.312 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 84 Resp: 2121
Ion Ratio Lower Upper
84 100
49 103.8 99.7 149.5
51 37.3 29.7 44.5
86 57.9 49.7 74.5

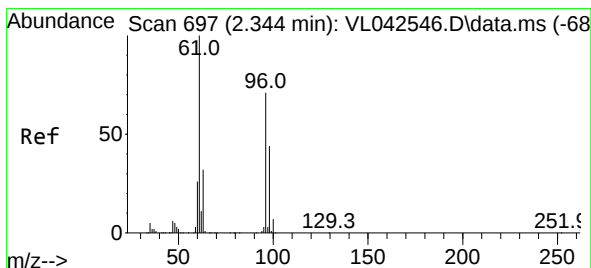
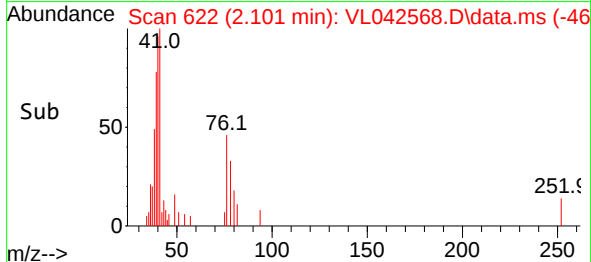
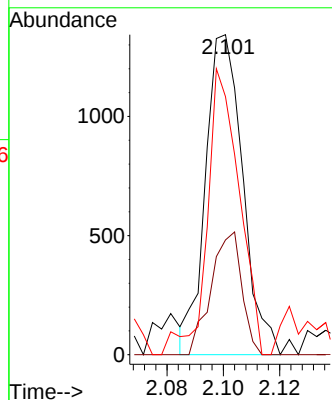
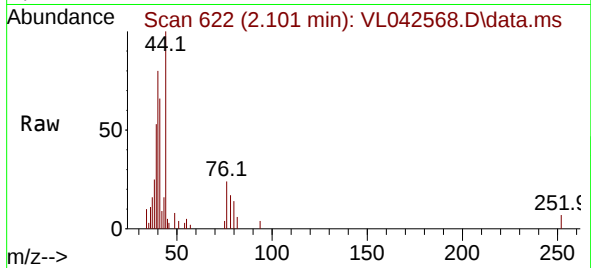




#21
 Allyl Chloride
 Concen: 0.137 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

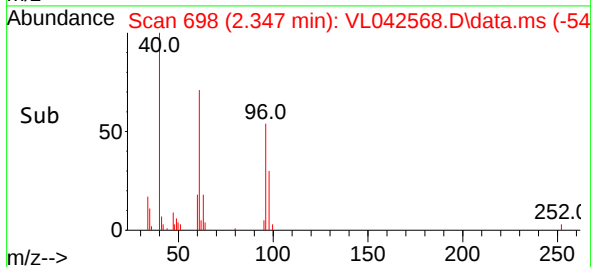
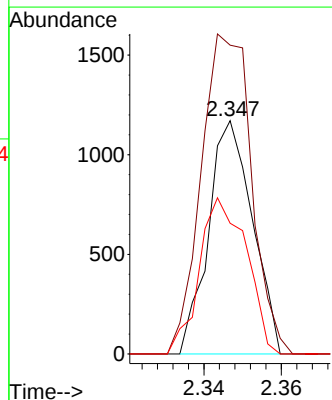
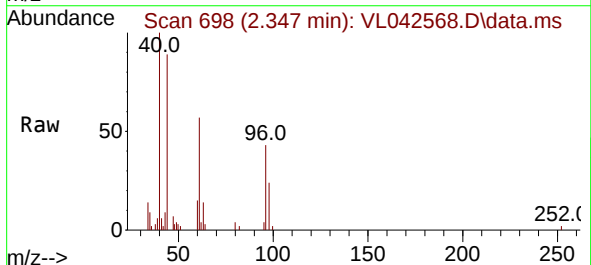
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

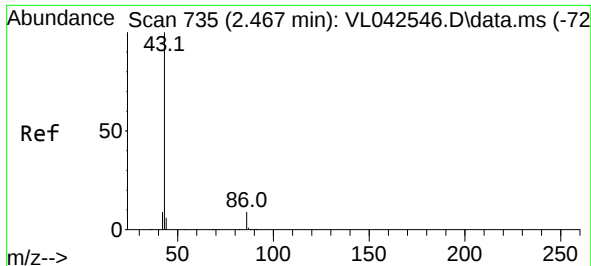
Tgt Ion: 41	Resp: 1234
Ion Ratio	Lower Upper
41	100
76	31.6 30.2 45.4
39	87.2 62.5 93.7



#22
 trans-1,2-Dichloroethene
 Concen: 0.116 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.003 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion: 96	Resp: 925
Ion Ratio	Lower Upper
96	100
61	125.6 112.5 168.7
98	56.0 49.0 73.4

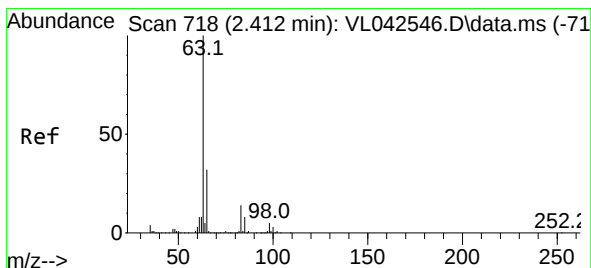
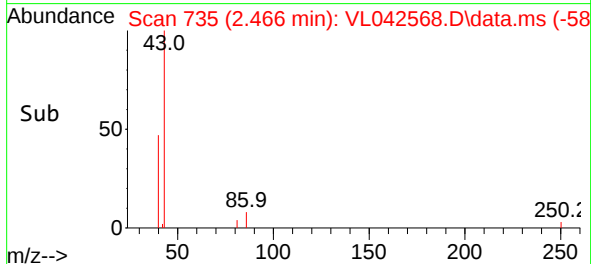
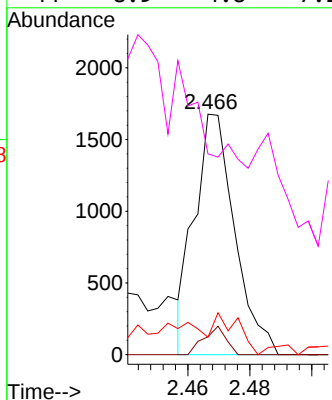
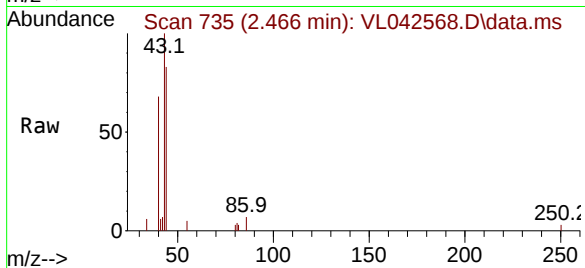




#23
 Vinyl Acetate
 Concen: 0.095 ppbv
 RT: 2.466 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

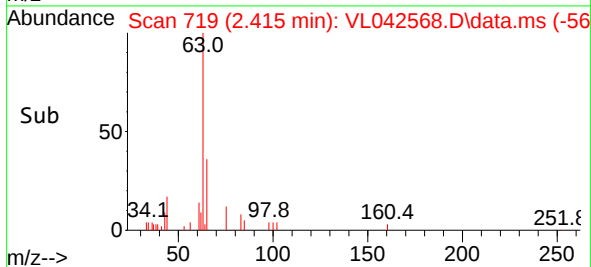
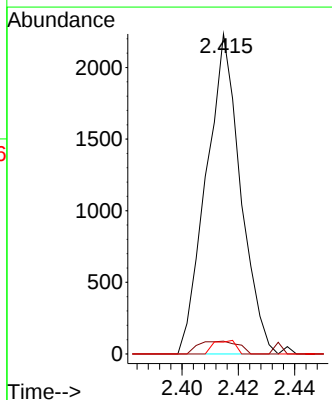
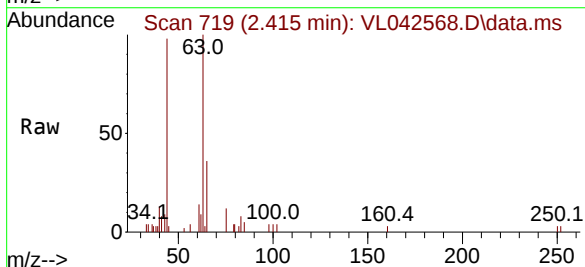
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

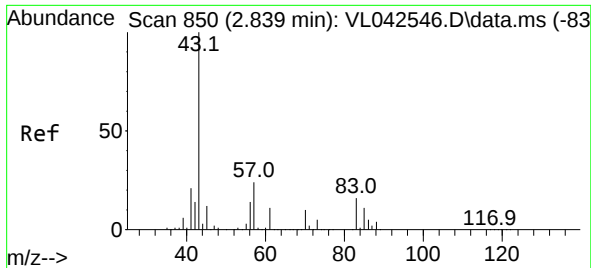
Tgt Ion:	43	Resp:	1512
Ion	Ratio	Lower	Upper
43	100		
86	7.5	7.0	10.6
42	3.8	7.4	11.2#
44	8.9	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.138 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion:	63	Resp:	1890
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.6	7.8
100	3.7	1.8	5.3

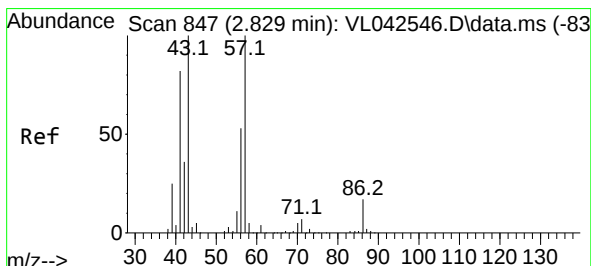
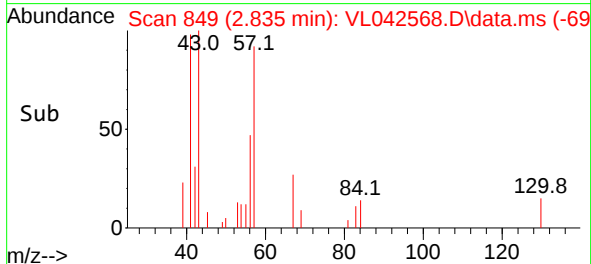
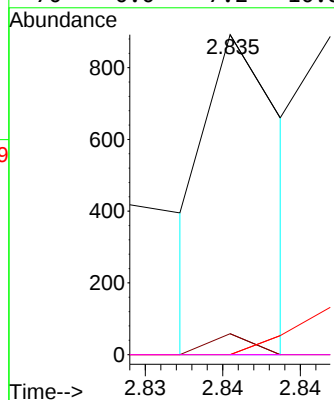
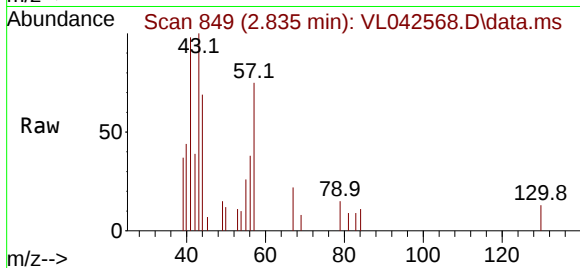




#25
Ethyl Acetate
Concen: 0.011 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

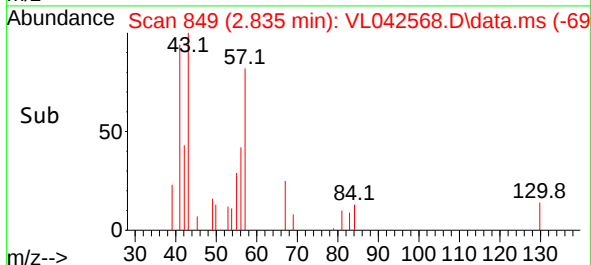
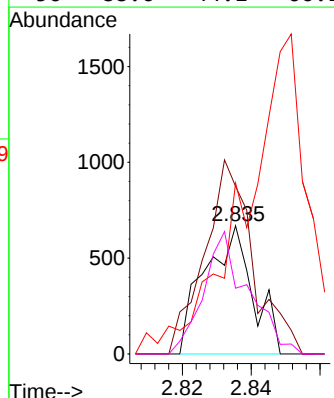
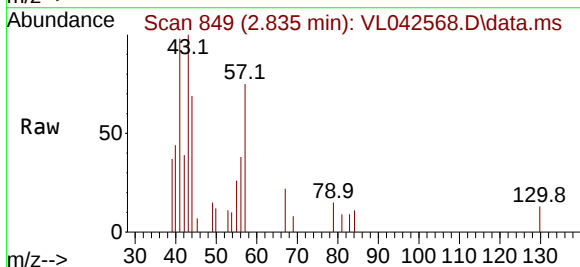
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

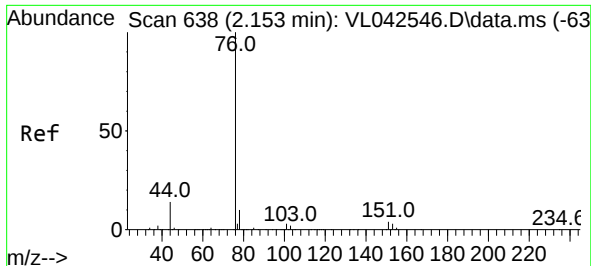
Tgt Ion: 43	Resp: 301
Ion Ratio	Lower Upper
43 100	
45 0.0	8.0 12.0#
61 0.0	7.5 11.3#
70 0.0	7.2 10.8#



#26
Hexane
Concen: 0.053 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 57	Resp: 648
Ion Ratio	Lower Upper
57 100	
41 153.1	69.0 103.4#
43 335.8	174.2 261.2#
56 88.6	44.1 66.1#





#27

Carbon Disulfide

Concen: 0.106 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

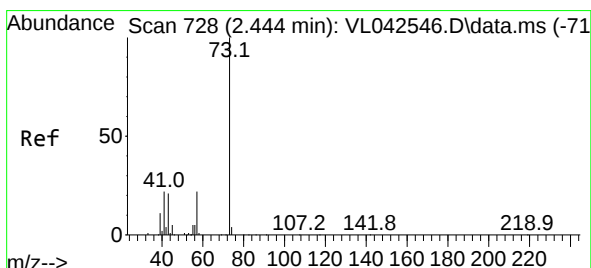
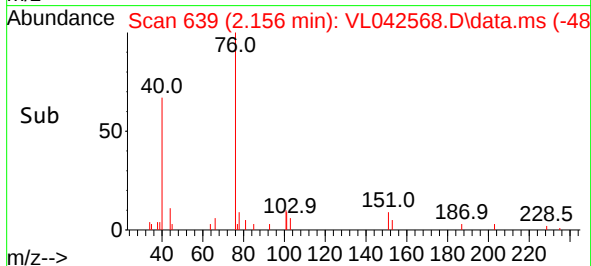
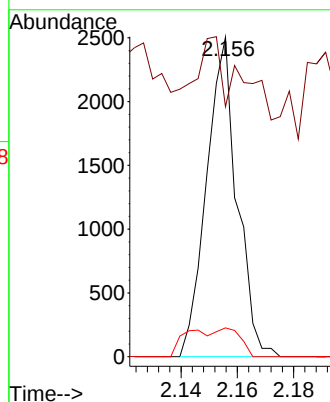
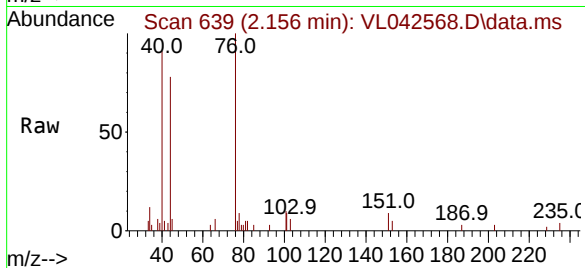
Tgt Ion: 76 Resp: 1885

Ion Ratio Lower Upper

76 100

44 295.3 14.0 21.0#

78 15.3 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.113 ppbv

RT: 2.447 min Scan# 729

Delta R.T. 0.003 min

Lab File: VL042568.D

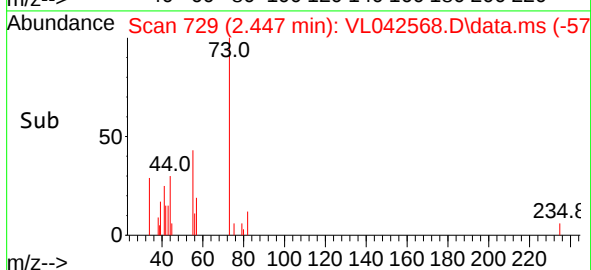
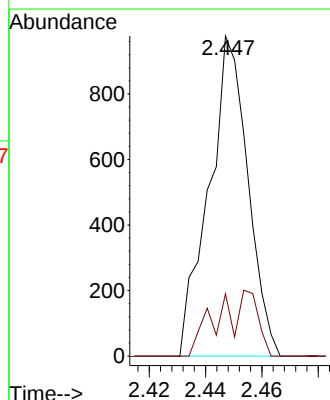
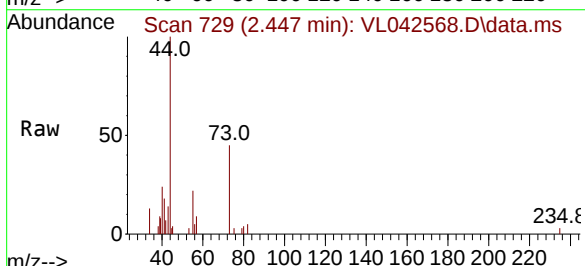
Acq: 21 May 2025 16:21

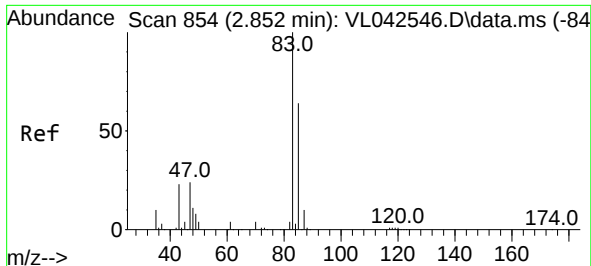
Tgt Ion: 73 Resp: 938

Ion Ratio Lower Upper

73 100

57 20.7 17.2 25.8





#29

Chloroform

Concen: 0.115 ppbv

RT: 2.858 min Scan# 854

Delta R.T. 0.006 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

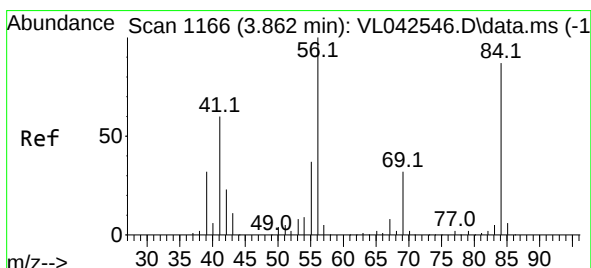
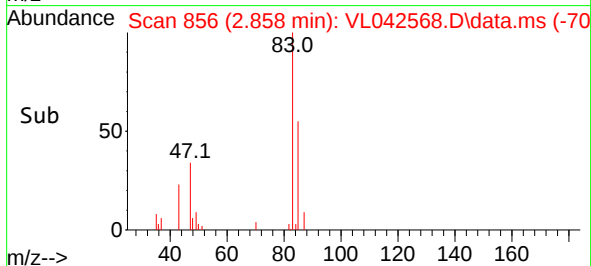
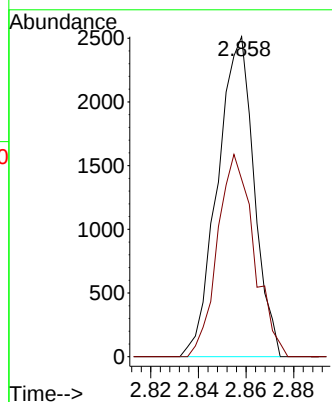
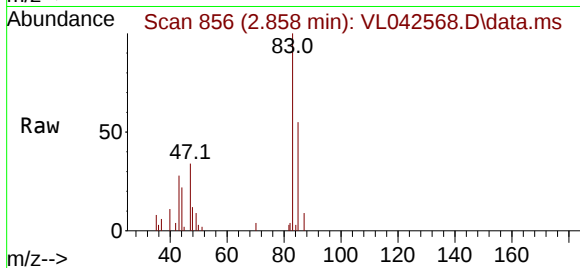
MDL 0.1

Tgt Ion: 83 Resp: 2676

Ion Ratio Lower Upper

83 100

85 55.4 51.6 77.4



#30

Cyclohexane

Concen: 0.042 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

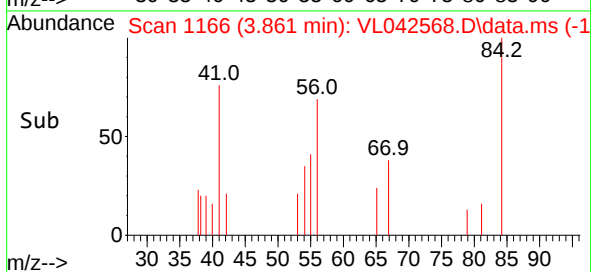
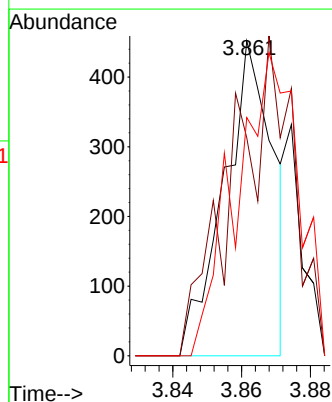
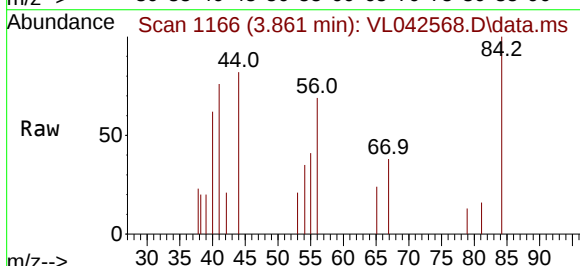
Tgt Ion: 84 Resp: 444

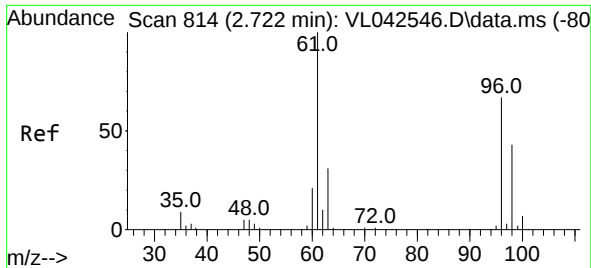
Ion Ratio Lower Upper

84 100

56 128.2 92.3 138.5

41 135.4 57.0 85.4#

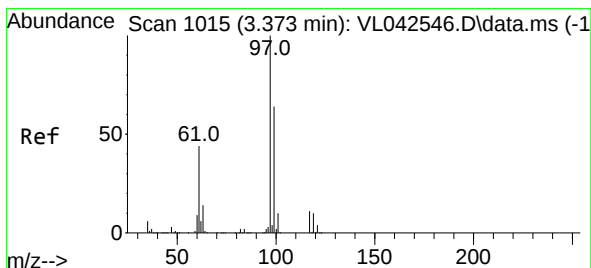
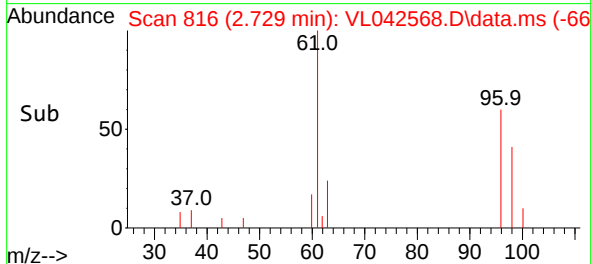
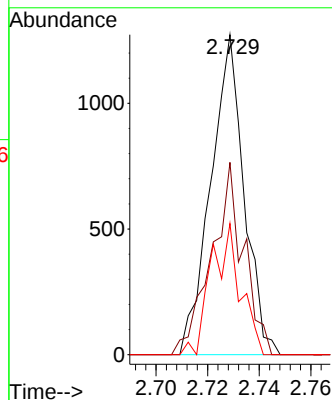
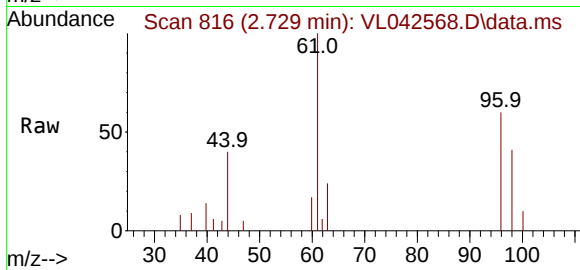




#31
 cis-1,2-Dichloroethene
 Concen: 0.085 ppbv
 RT: 2.729 min Scan# 814
 Delta R.T. 0.006 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

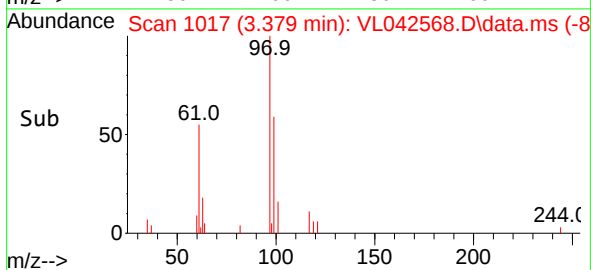
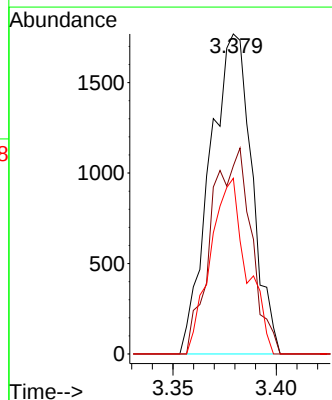
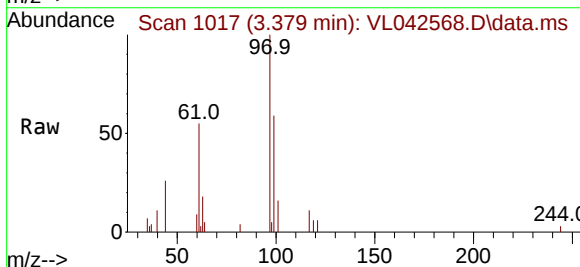
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.1

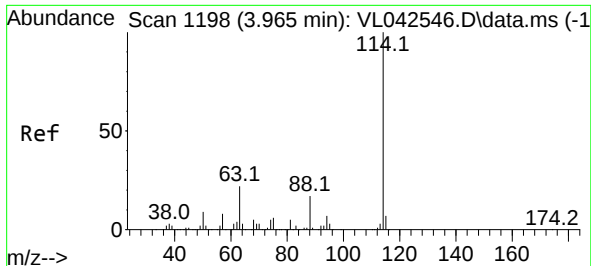
Tgt Ion: 61 Resp: 1143
 Ion Ratio Lower Upper
 61 100
 96 60.1 53.8 80.8
 98 41.0 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 0.105 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.006 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion: 97 Resp: 2500
 Ion Ratio Lower Upper
 97 100
 99 61.4 51.5 77.3
 61 47.5 35.7 53.5

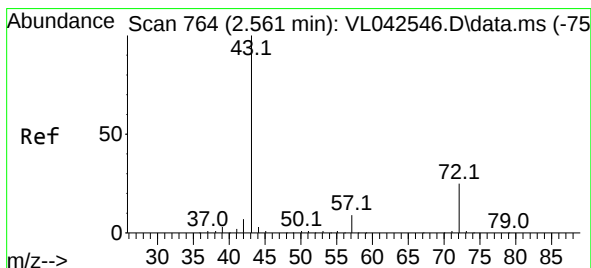
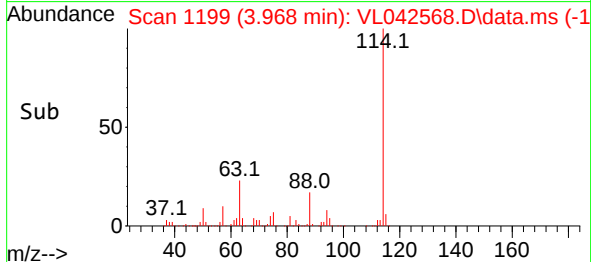
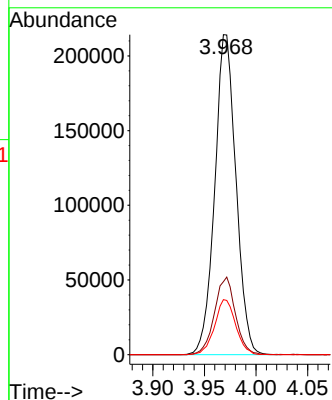
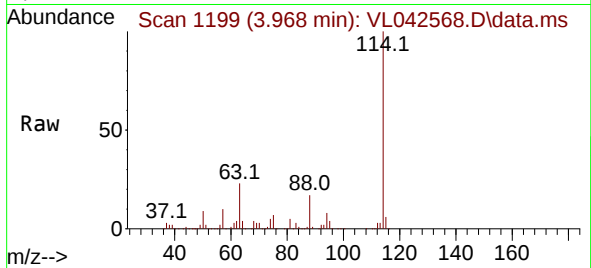




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. 0.003 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

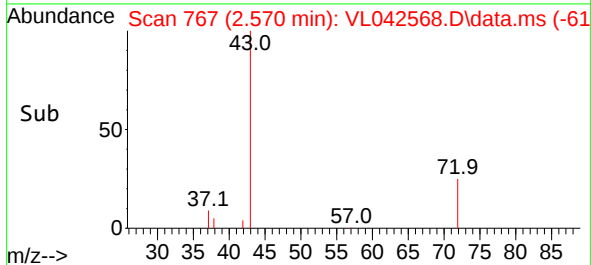
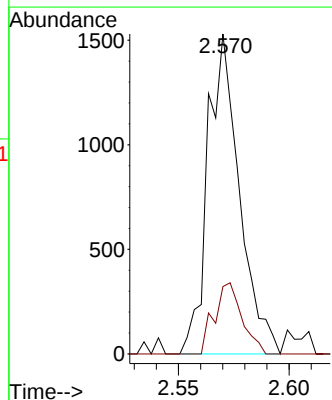
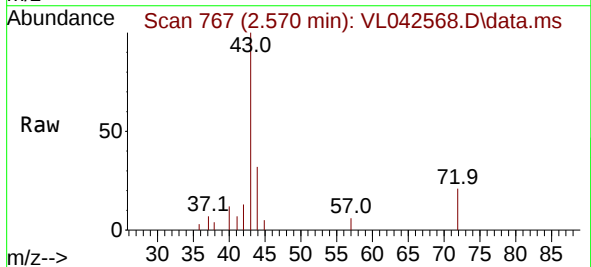
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

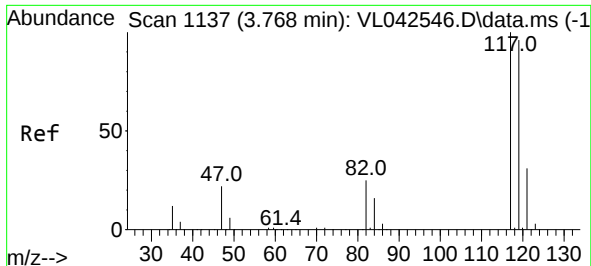
Tgt Ion:114 Resp: 306167
 Ion Ratio Lower Upper
 114 100
 63 24.0 18.4 27.6
 88 17.1 14.0 21.0



#34
 2-Butanone
 Concen: 0.094 ppbv
 RT: 2.570 min Scan# 767
 Delta R.T. 0.009 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion: 43 Resp: 1522
 Ion Ratio Lower Upper
 43 100
 72 19.4 20.5 30.7#

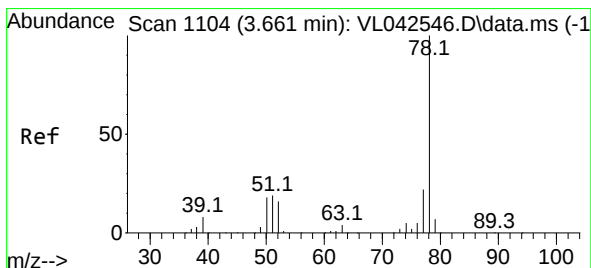
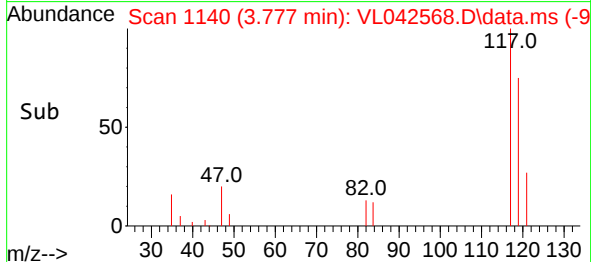
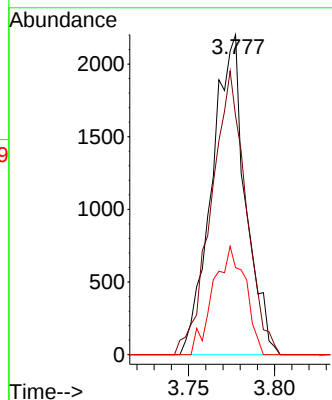
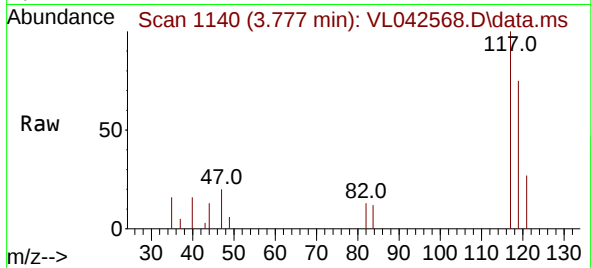




#35
Carbon Tetrachloride
Concen: 0.128 ppbv
RT: 3.777 min Scan# 1137
Delta R.T. 0.009 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

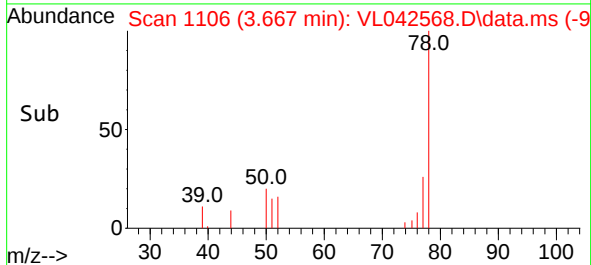
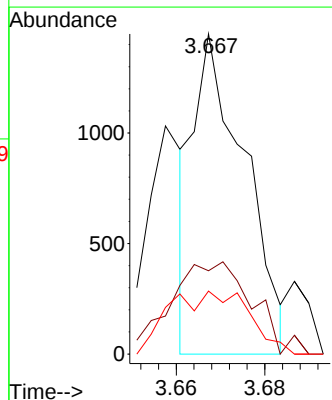
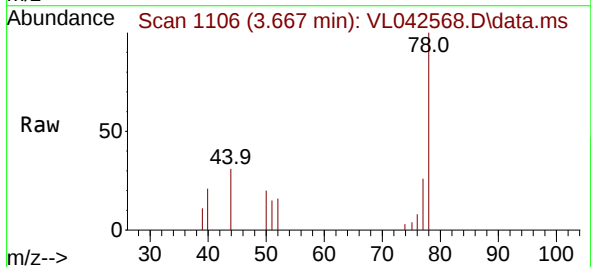
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

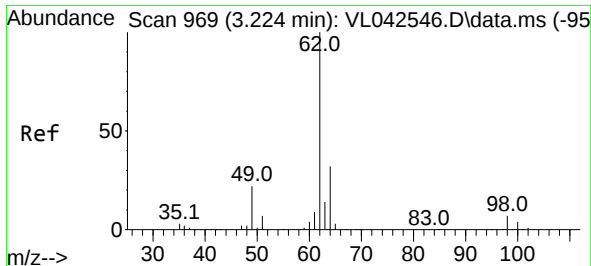
Tgt Ion:117 Resp: 3005
Ion Ratio Lower Upper
117 100
119 74.6 76.6 114.8#
121 27.2 24.7 37.1



#36
Benzene
Concen: 0.047 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 78 Resp: 1160
Ion Ratio Lower Upper
78 100
77 30.8 17.8 26.6#
50 18.9 14.0 21.0

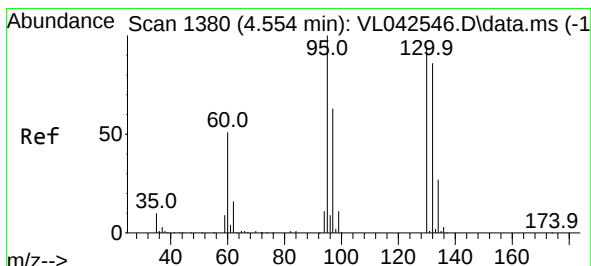
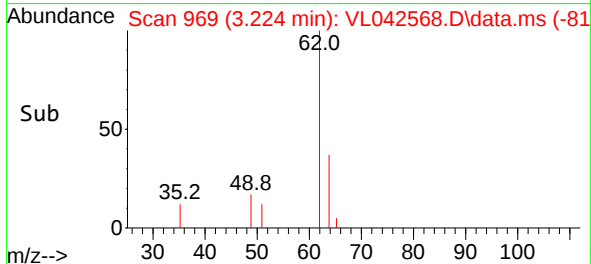
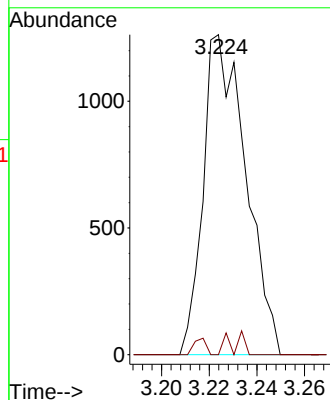
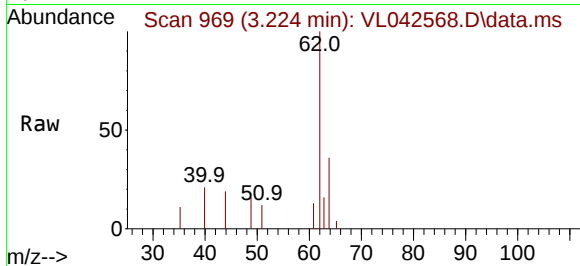




#37
1,2-Dichloroethane
Concen: 0.103 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.000 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

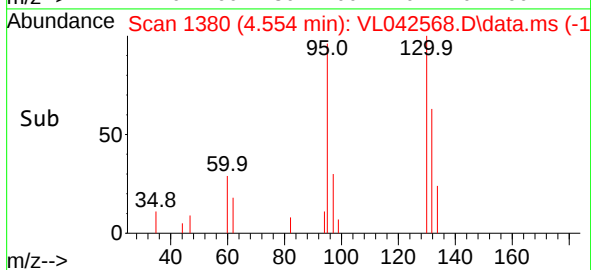
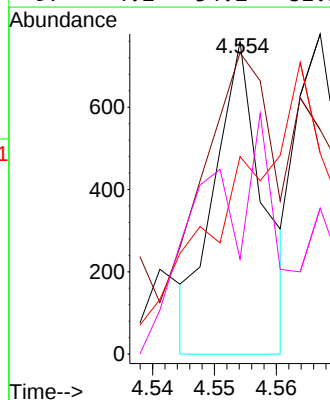
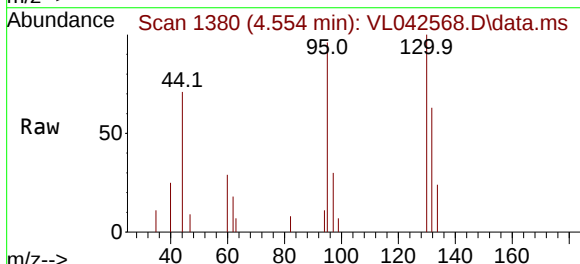
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

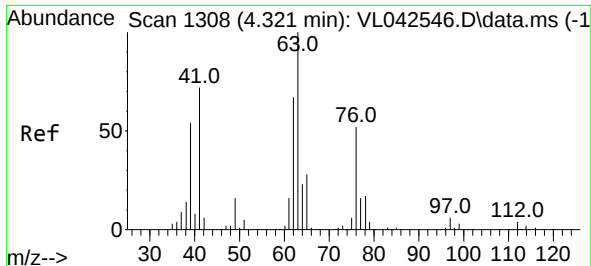
Tgt Ion: 62 Resp: 1564
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#38
Trichloroethene
Concen: 0.037 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion:130 Resp: 416
Ion Ratio Lower Upper
130 100
95 80.3 85.2 127.8#
132 40.1 73.4 110.2#
97 4.2 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 8.441 ppbv

RT: 3.972 min Scan# 1

Delta R.T. -0.350 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

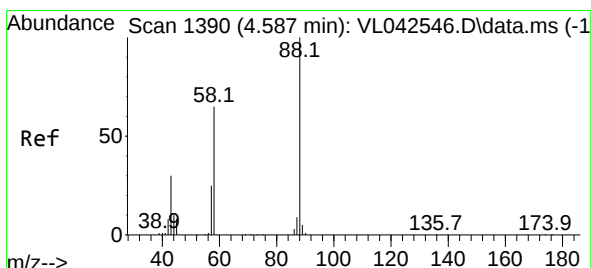
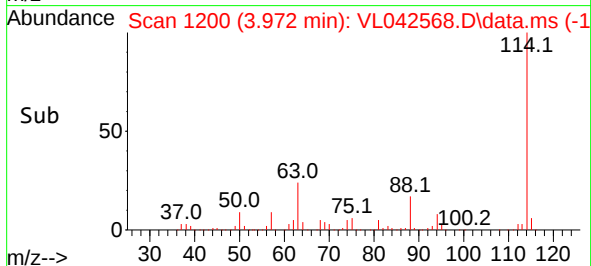
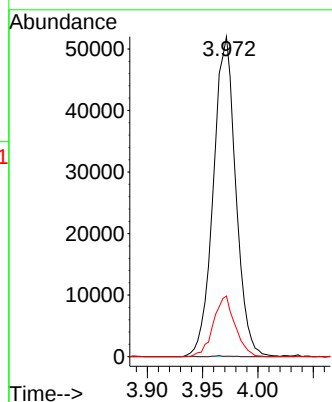
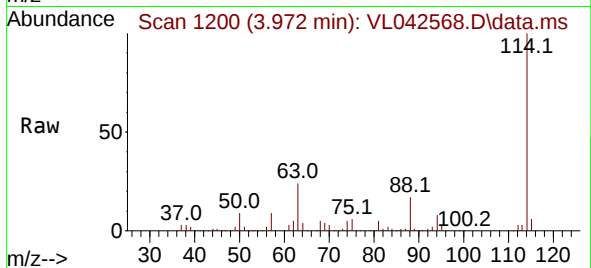
Tgt Ion: 63 Resp: 73402

Ion Ratio Lower Upper

63 100

41 0.2 58.0 87.0#

62 19.0 53.3 79.9#



#40

1,4-Dioxane

Concen: 0.027 ppbv

RT: 4.622 min Scan# 1401

Delta R.T. 0.035 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Tgt Ion: 88 Resp: 106

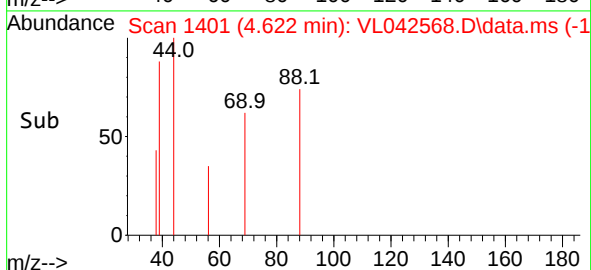
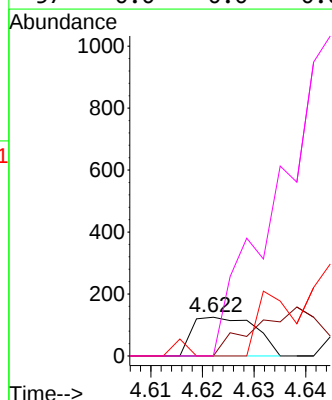
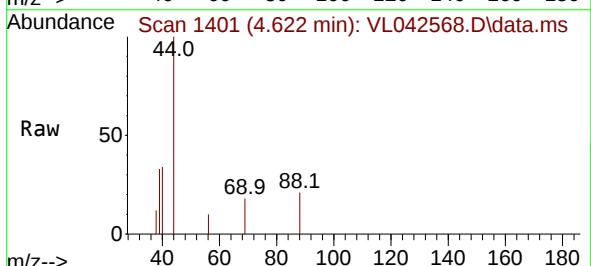
Ion Ratio Lower Upper

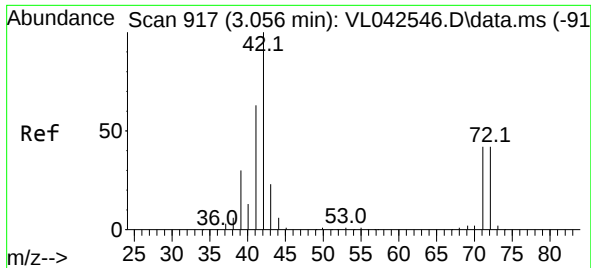
88 100

58 0.0 52.8 79.2#

43 79.2 23.0 34.4#

57 0.0 0.0 0.0

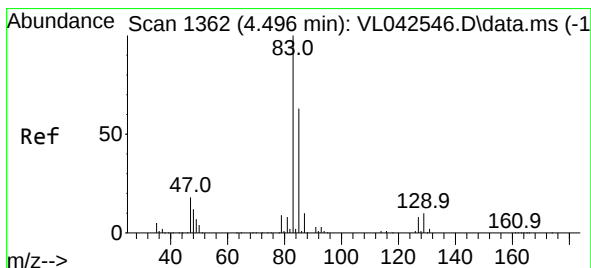
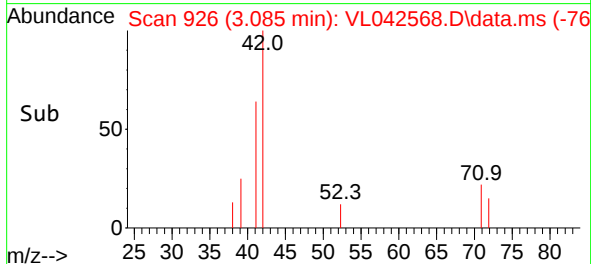
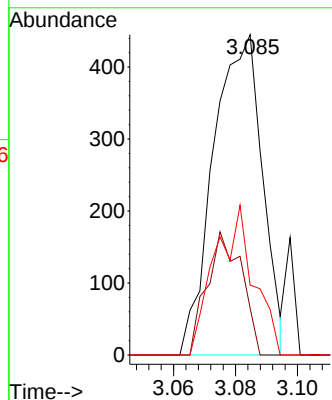
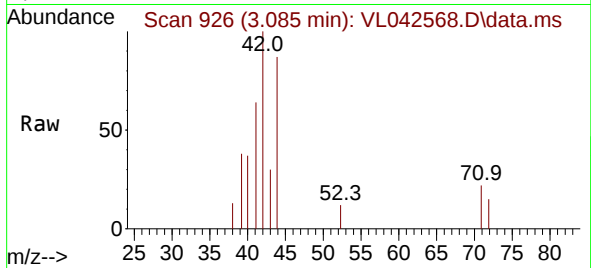




#41
Tetrahydrofuran
Concen: 0.061 ppbv
RT: 3.085 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

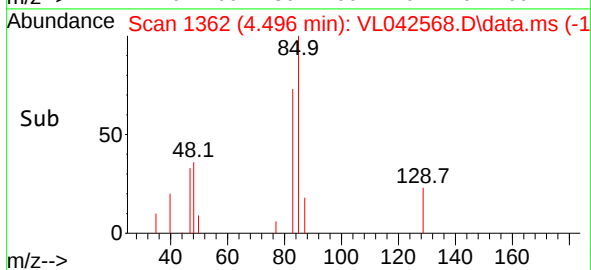
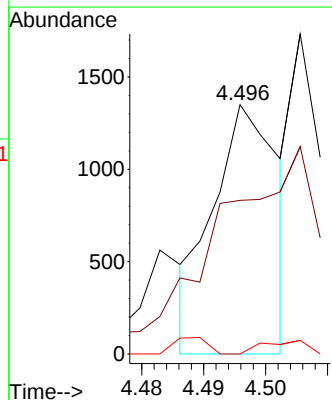
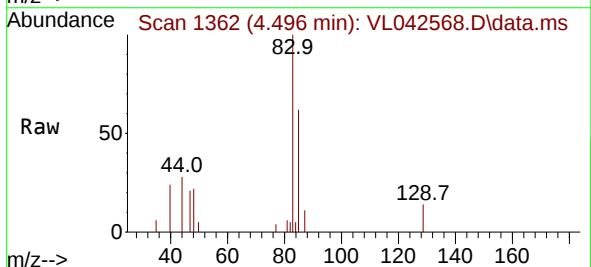
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

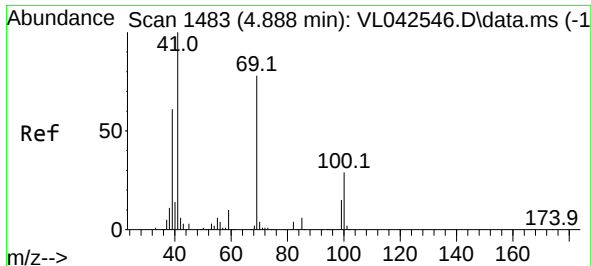
Tgt Ion: 42 Resp: 487
Ion Ratio Lower Upper
42 100
72 27.3 34.8 52.2#
71 37.2 33.6 50.4



#42
Bromodichloromethane
Concen: 0.046 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 83 Resp: 988
Ion Ratio Lower Upper
83 100
85 48.5 50.4 75.6#
127 0.0 6.5 9.7#

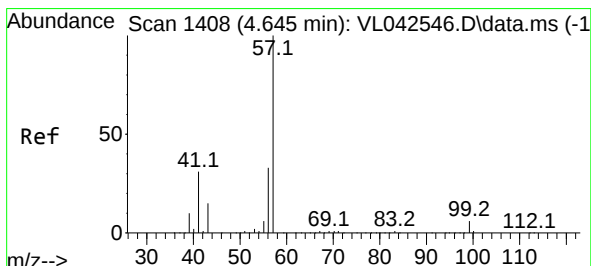
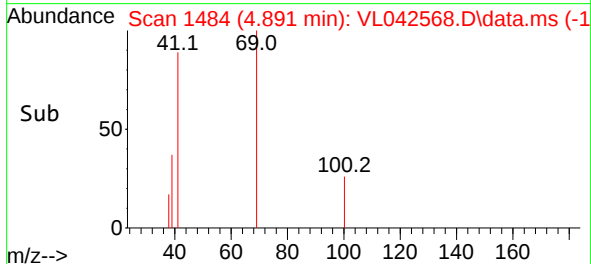
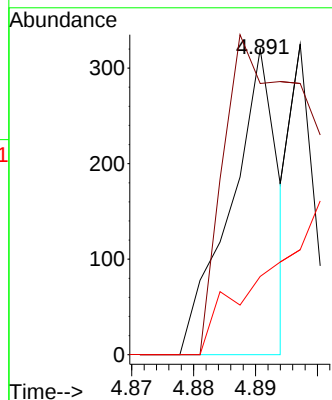
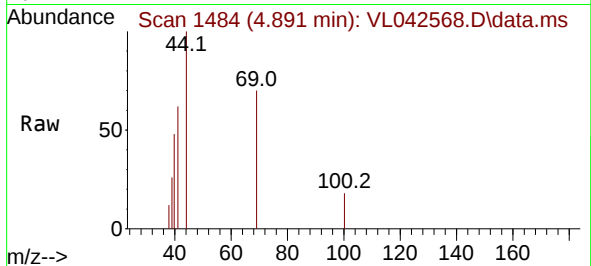




#43
Methyl Methacrylate
Concen: 0.020 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

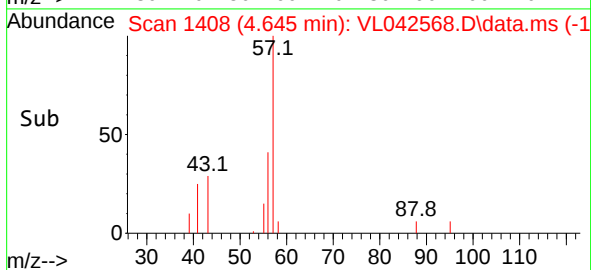
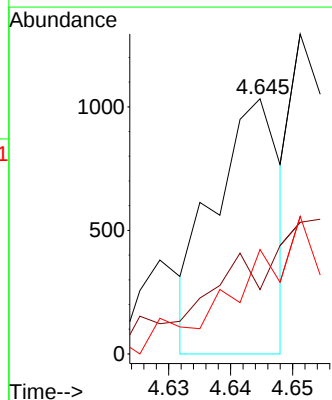
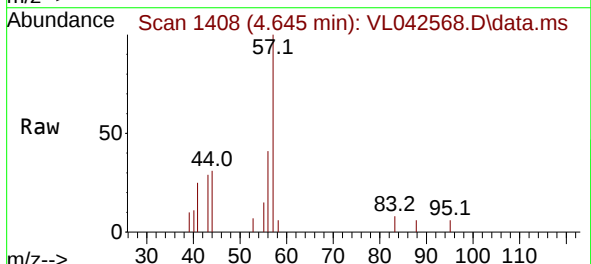
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

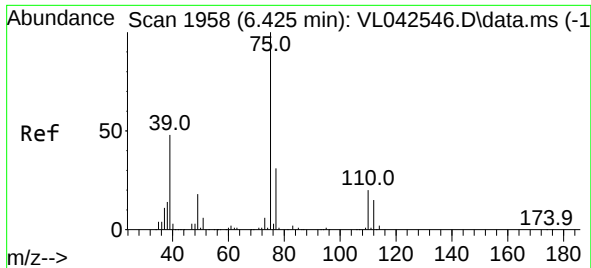
Tgt Ion: 69 Resp: 171
Ion Ratio Lower Upper
69 100
41 0.0 107.8 161.8#
100 0.0 30.3 45.5#



#44
2,2,4-Trimethylpentane
Concen: 0.020 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 57 Resp: 762
Ion Ratio Lower Upper
57 100
41 0.0 25.0 37.4#
56 0.0 25.1 37.7#

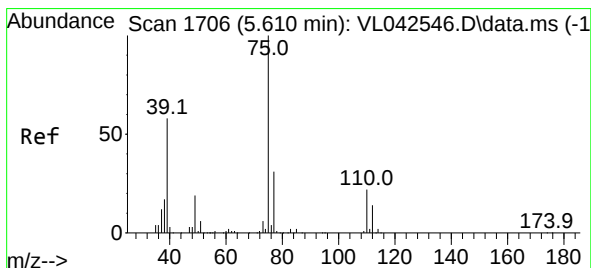
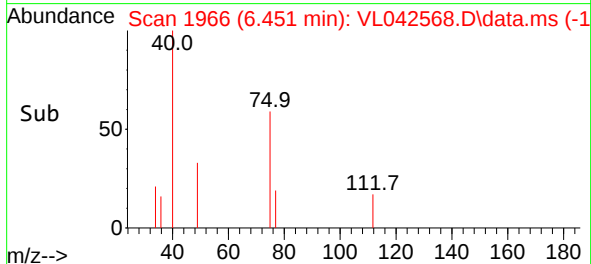
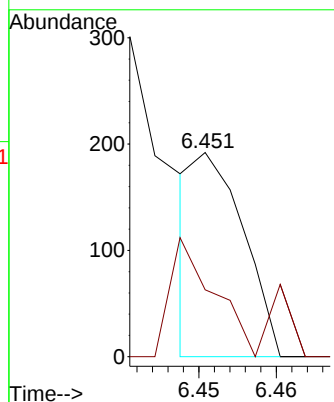
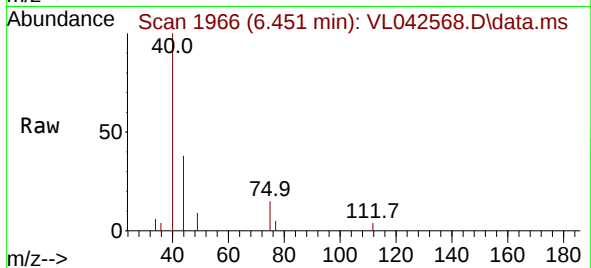




#45
t-1,3-Dichloropropene
Concen: 0.008 ppbv
RT: 6.451 min Scan# 1958
Delta R.T. 0.026 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

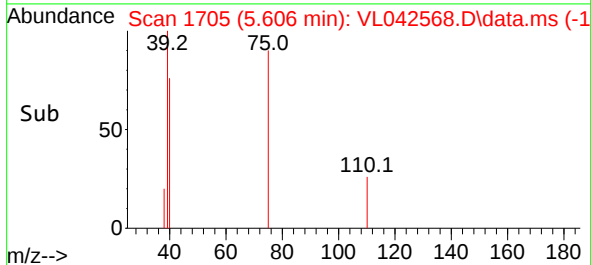
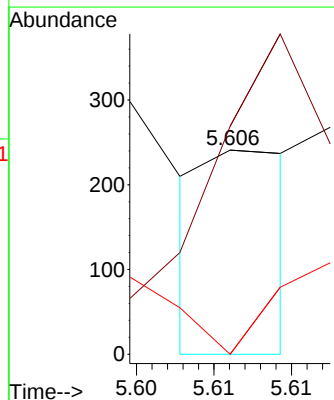
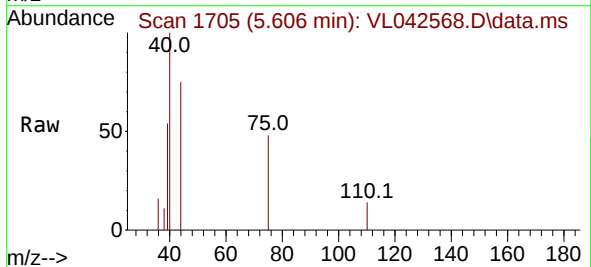
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

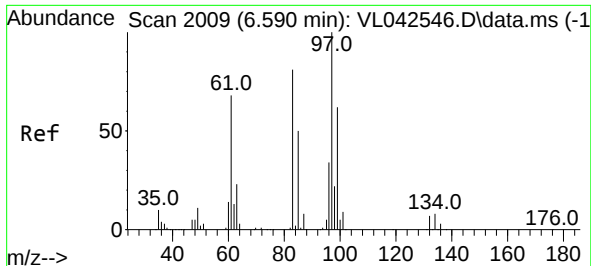
Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 0.007 ppbv
RT: 5.606 min Scan# 1705
Delta R.T. -0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 75 Resp: 93
Ion Ratio Lower Upper
75 100
39 480.6 46.3 69.5#
77 0.0 25.0 37.6#





#47

1,1,2-Trichloroethane

Concen: 0.066 ppbv

RT: 6.593 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 97 Resp: 688

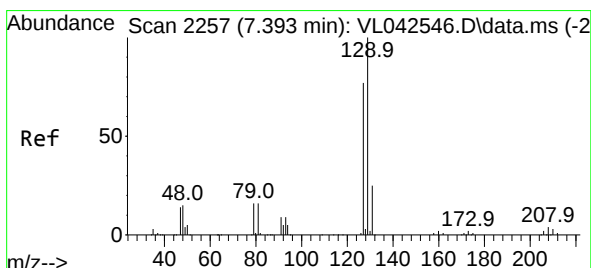
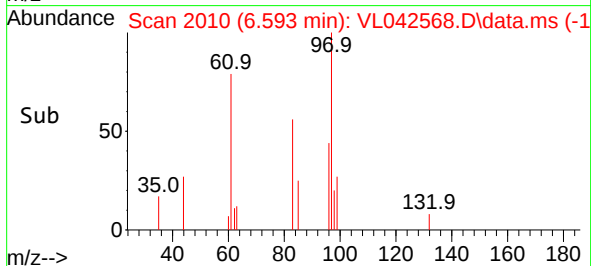
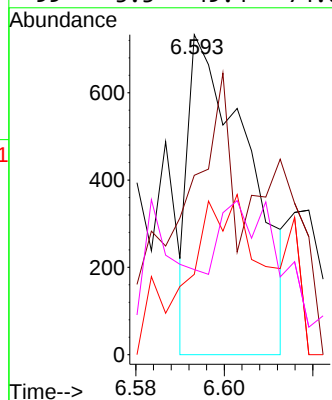
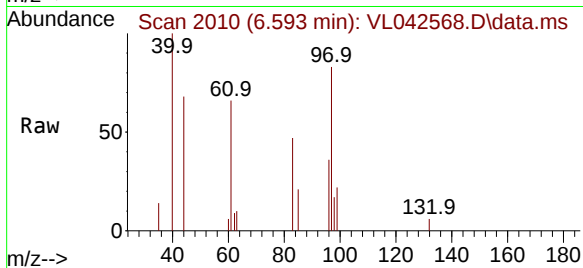
Ion Ratio Lower Upper

97 100

83 19.1 65.0 97.4#

85 5.5 39.9 59.9#

99 3.3 49.4 74.0#



#48

Dibromochloromethane

Concen: 0.057 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. 0.006 min

Lab File: VL042568.D

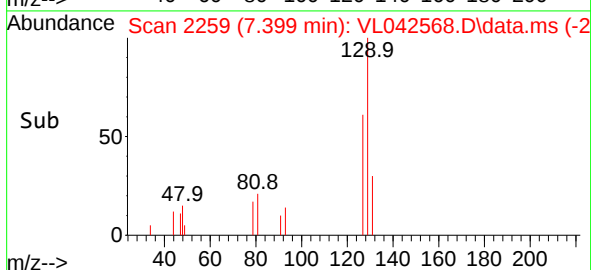
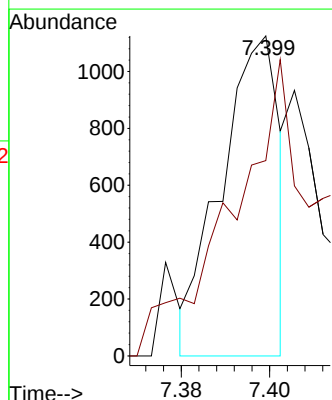
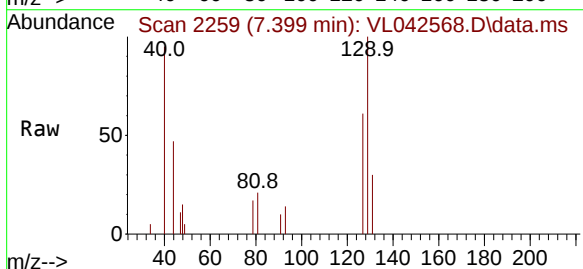
Acq: 21 May 2025 16:21

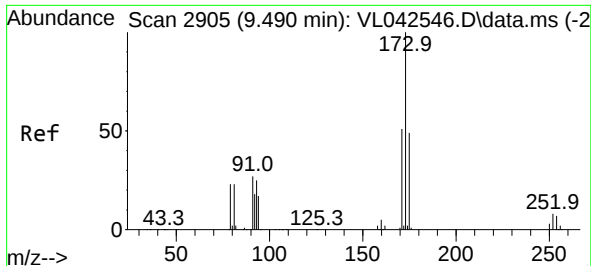
Tgt Ion: 129 Resp: 1027

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

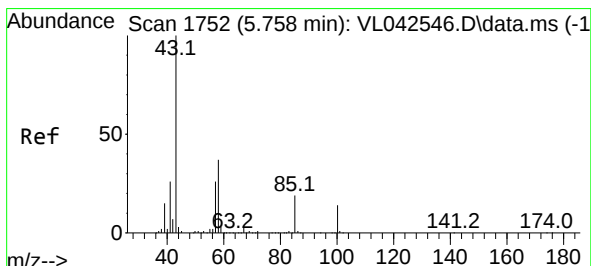
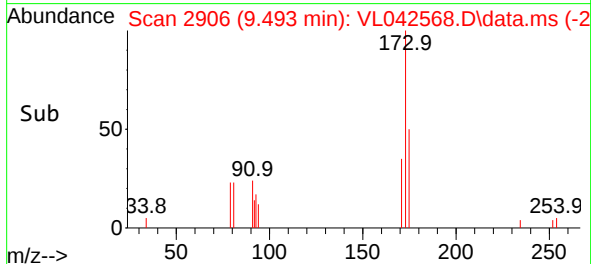
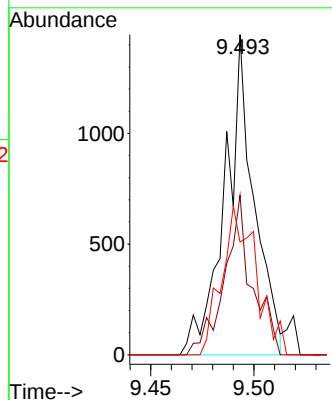
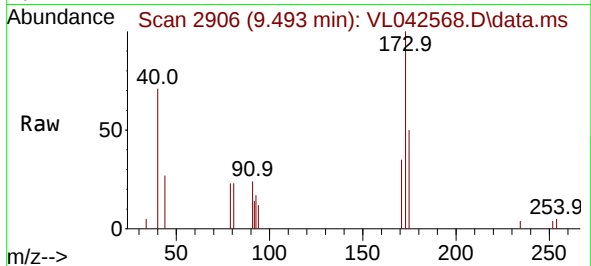




#49
Bromoform
Concen: 0.092 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

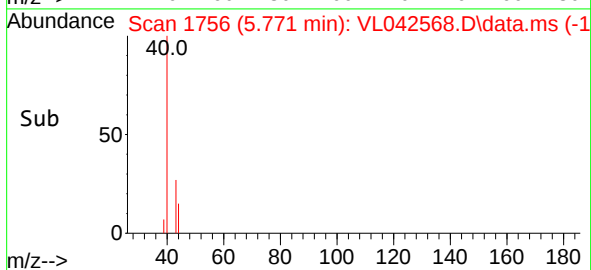
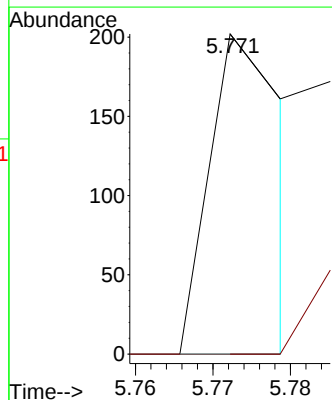
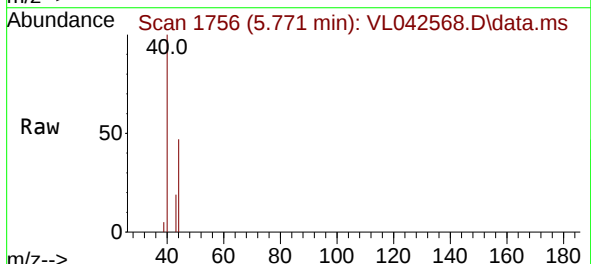
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

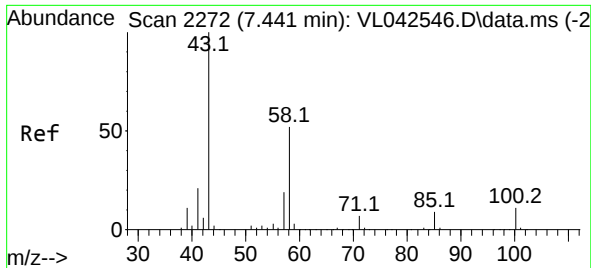
Tgt Ion:173 Resp: 1423
Ion Ratio Lower Upper
173 100
175 47.1 39.2 58.8
171 54.5 41.9 62.9



#50
4-Methyl-2-Pentanone
Concen: 0.004 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. 0.013 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#

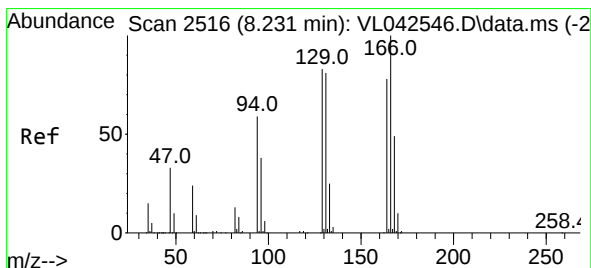
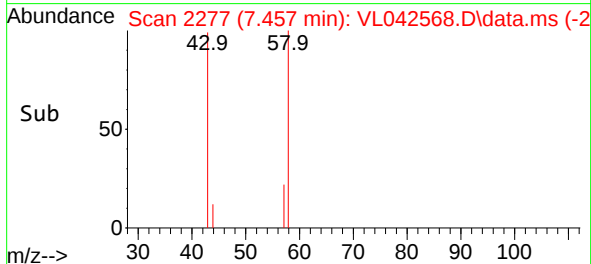
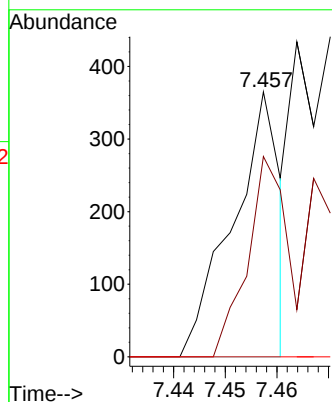
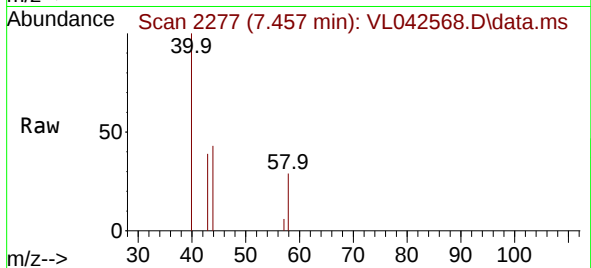




#51
2-Hexanone
Concen: 0.016 ppbv
RT: 7.457 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

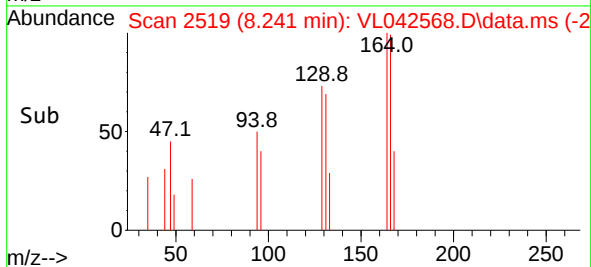
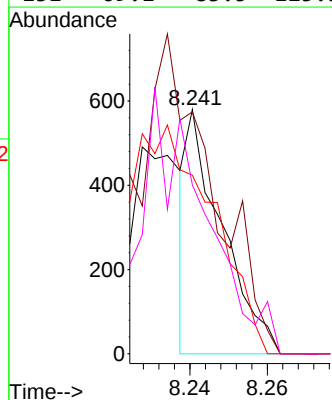
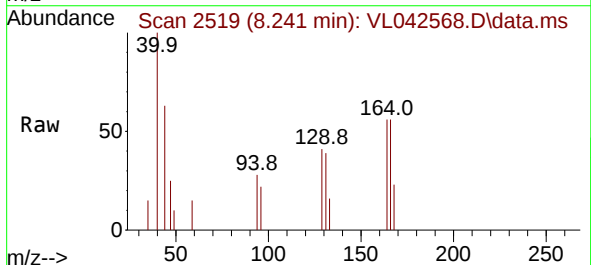
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

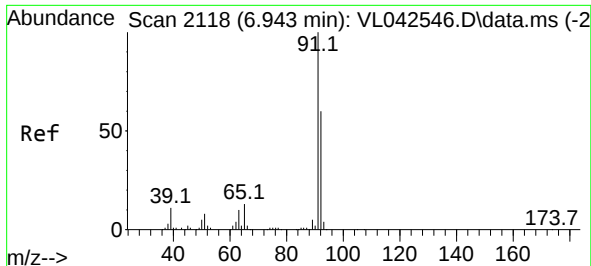
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 136.5 41.4 62.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.037 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.009 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 164 Resp: 362
Ion Ratio Lower Upper
164 100
166 99.0 103.1 154.7#
129 73.1 85.3 127.9#
131 69.1 83.5 125.3#

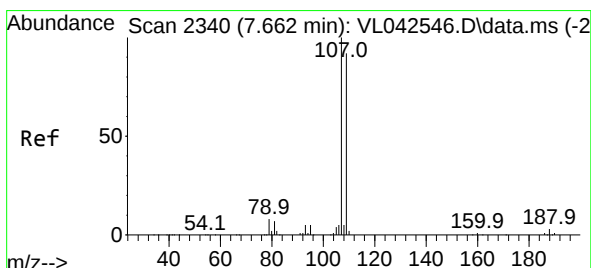
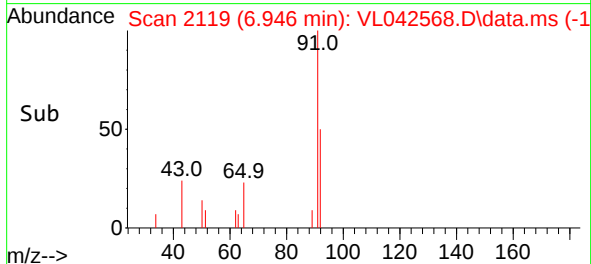
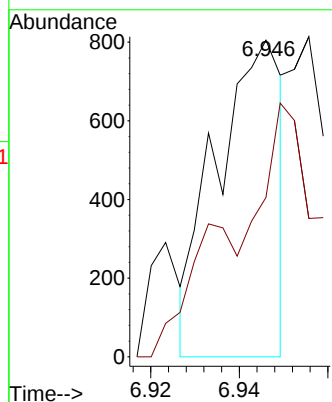
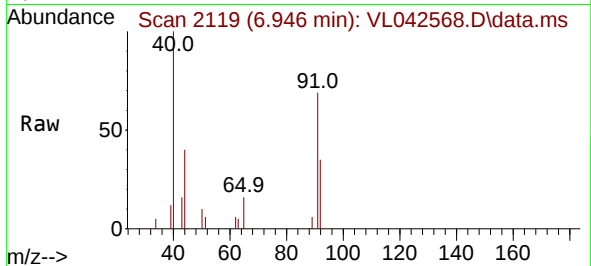




#53
Toluene
Concen: 0.031 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

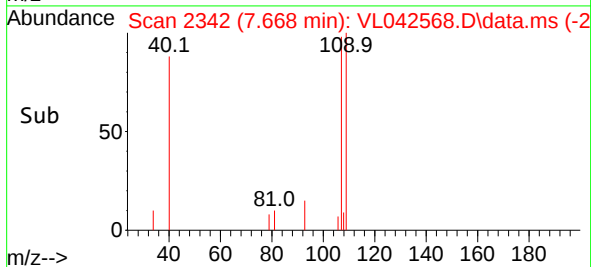
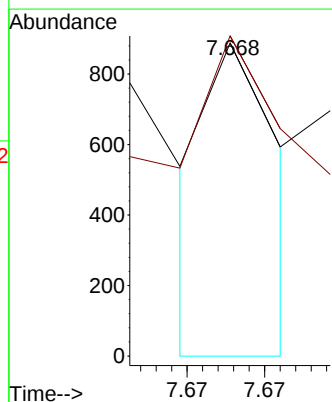
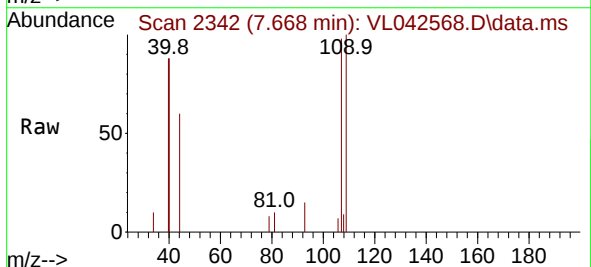
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

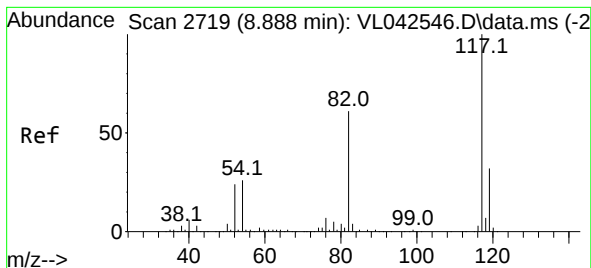
Tgt Ion: 91 Resp: 826
Ion Ratio Lower Upper
91 100
92 111.0 47.8 71.8#



#54
1,2-Dibromoethane
Concen: 0.019 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 107 Resp: 287
Ion Ratio Lower Upper
107 100
109 107.1 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

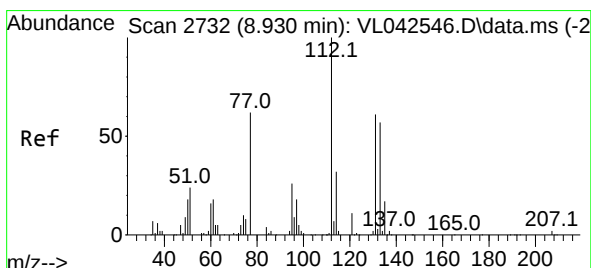
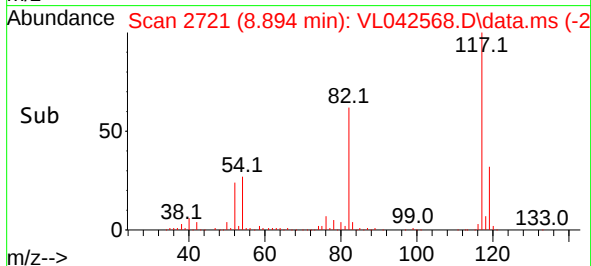
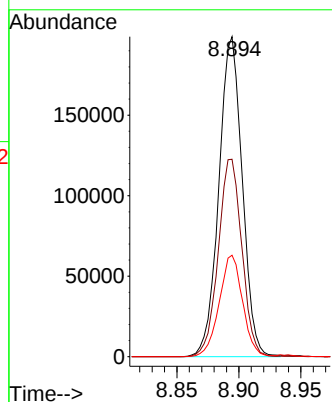
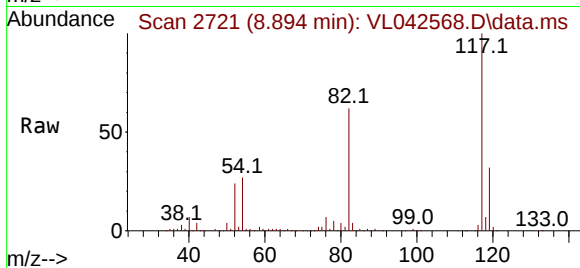
Tgt Ion:117 Resp: 261763

Ion Ratio Lower Upper

117 100

82 62.3 51.0 76.4

119 32.2 27.0 40.4



#56

1,1,1,2-Tetrachloroethane

Concen: 0.047 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.006 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

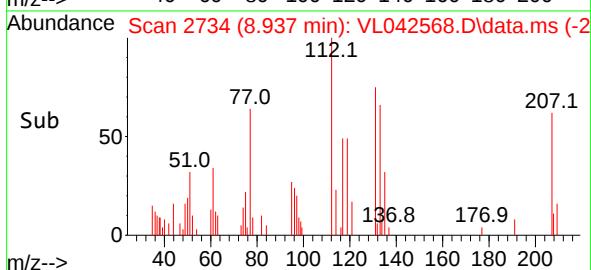
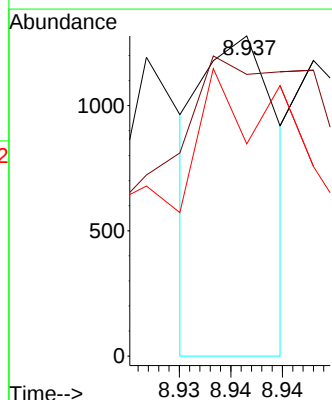
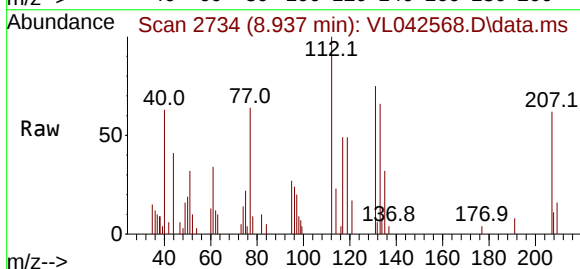
Tgt Ion:131 Resp: 656

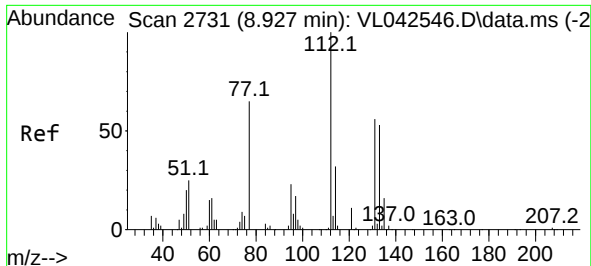
Ion Ratio Lower Upper

131 100

133 307.5 76.3 114.5#

119 0.0 47.5 71.3#

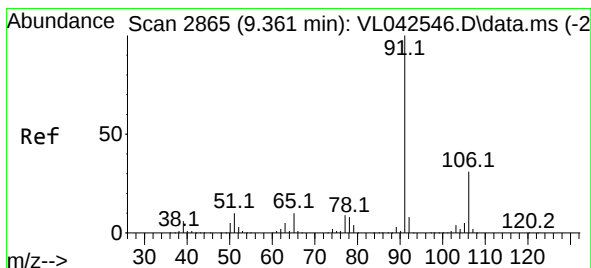
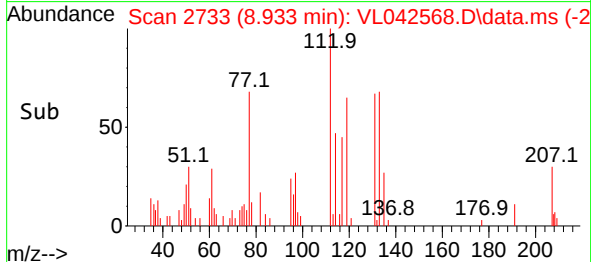
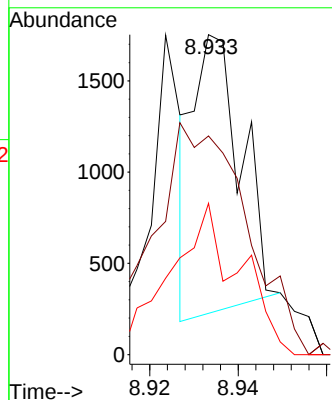
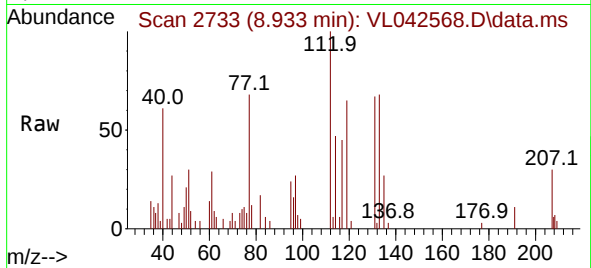




#57
Chlorobenzene
Concen: 0.049 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

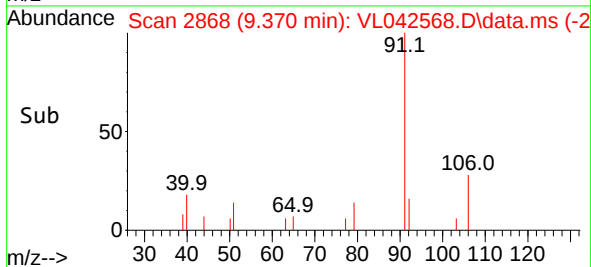
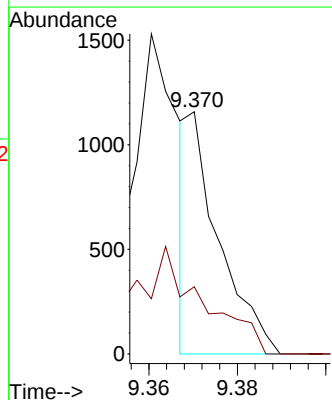
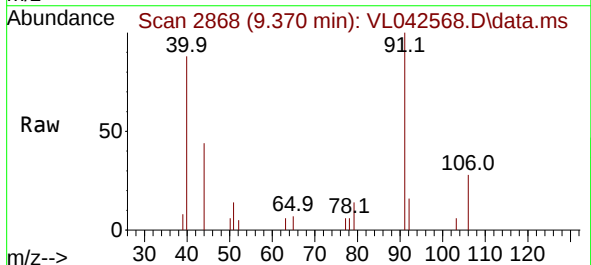
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

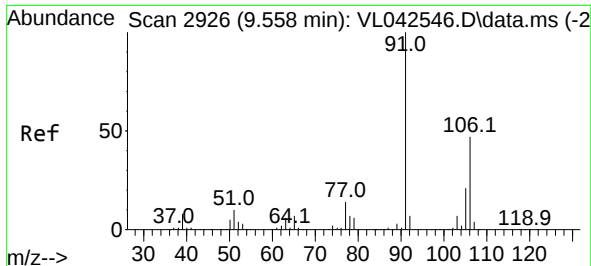
Tgt Ion:112 Resp: 1133
Ion Ratio Lower Upper
112 100
77 54.2 53.2 79.8
114 53.7 28.4 34.8#



#58
Ethyl Benzene
Concen: 0.017 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.009 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 91 Resp: 567
Ion Ratio Lower Upper
91 100
106 27.7 24.6 37.0





#59

m/p-Xylene

Concen: 0.036 ppbv

RT: 9.564 min Scan# 2926

Delta R.T. 0.006 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

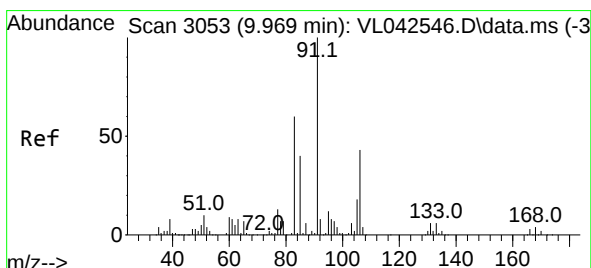
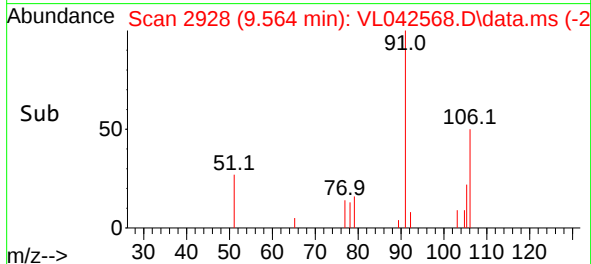
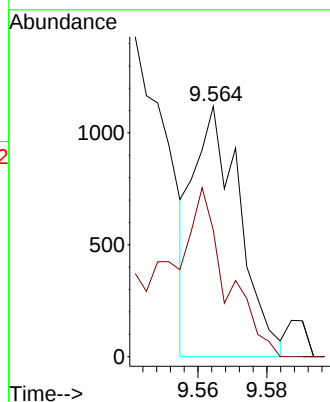
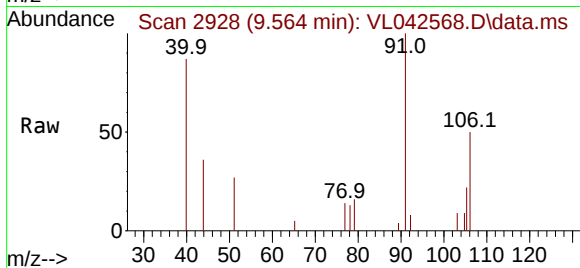
MDL 0.1

Tgt Ion: 91 Resp: 1042

Ion Ratio Lower Upper

91 100

106 113.9 37.1 55.7#



#60

o-Xylene

Concen: 0.025 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VL042568.D

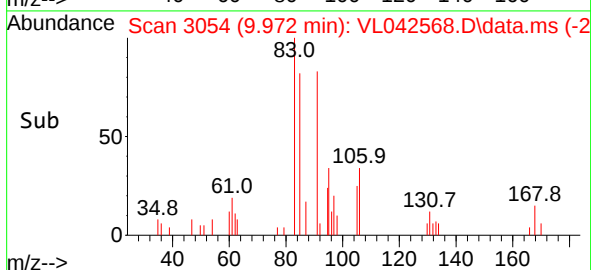
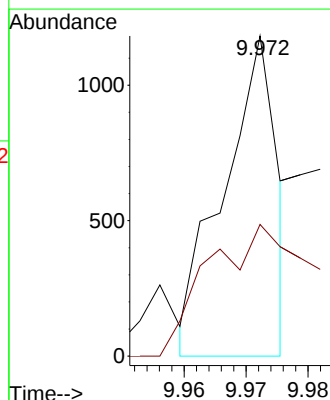
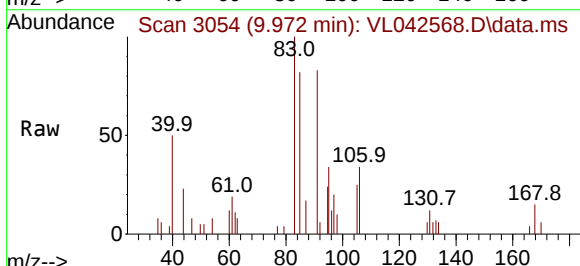
Acq: 21 May 2025 16:21

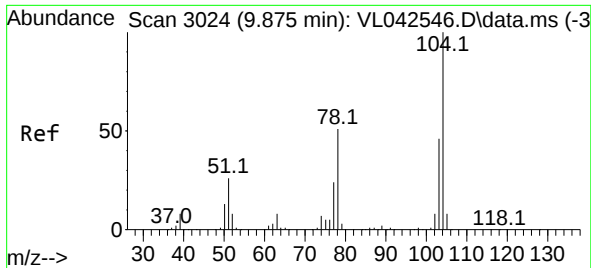
Tgt Ion: 91 Resp: 713

Ion Ratio Lower Upper

91 100

106 90.2 21.6 64.8#

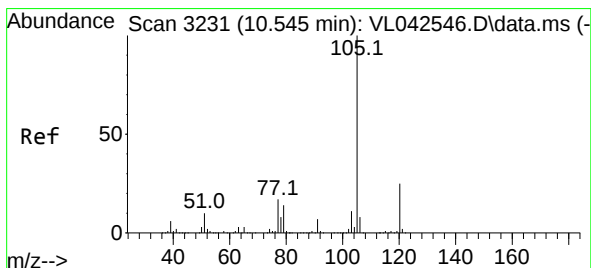
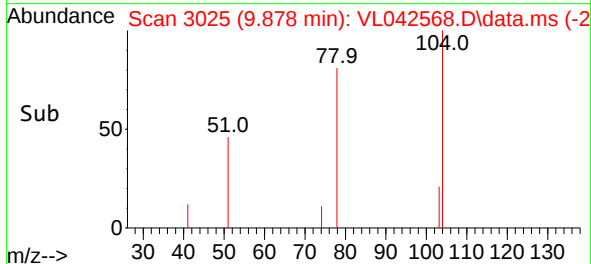
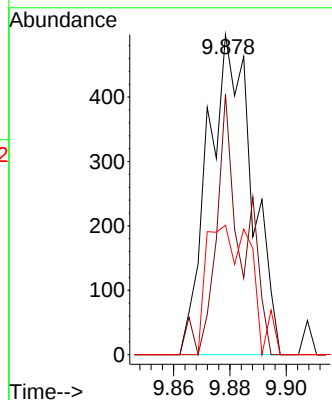
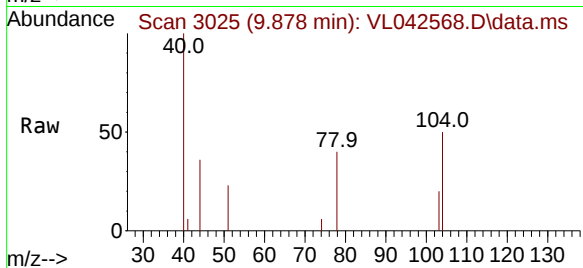




#61
Styrene
Concen: 0.049 ppbv
RT: 9.878 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

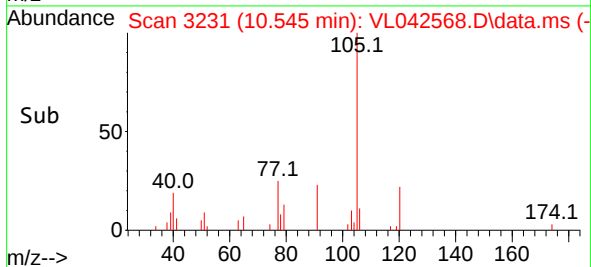
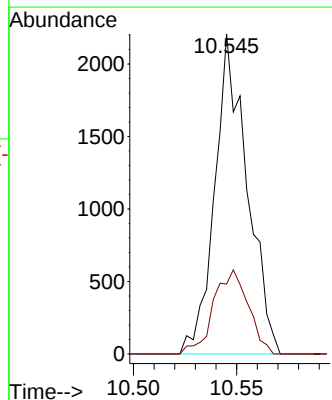
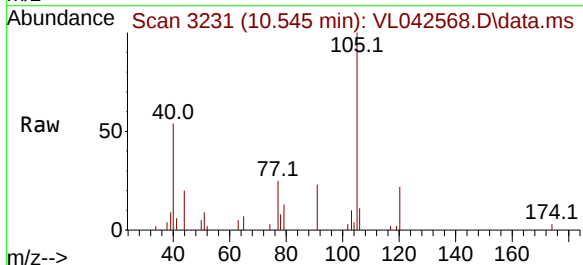
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

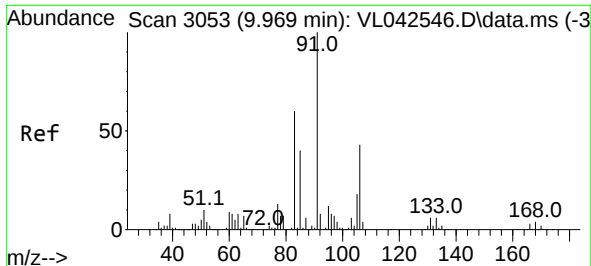
Tgt Ion:104 Resp: 540
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 41.5 37.1 55.7



#62
Isopropylbenzene
Concen: 0.054 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.000 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion:105 Resp: 2406
Ion Ratio Lower Upper
105 100
120 28.2 20.0 30.0





#63

1,1,2,2-Tetrachloroethane

Concen: 0.107 ppbv

RT: 9.975 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

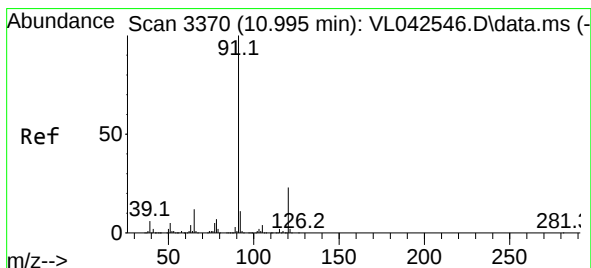
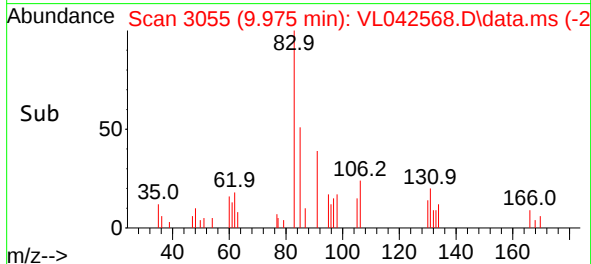
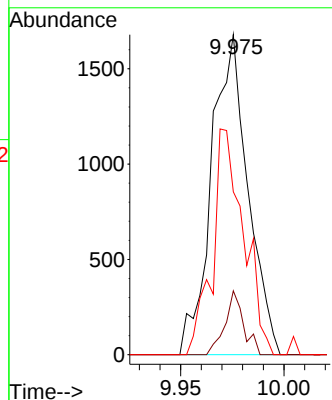
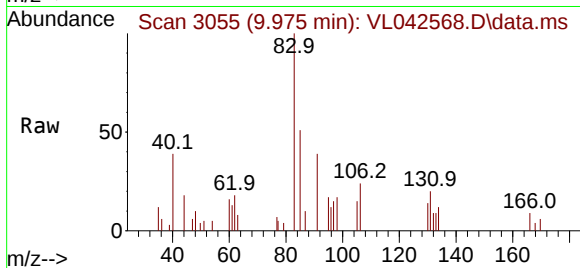
Tgt Ion: 83 Resp: 2066

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 61.3 32.5 97.4



#64

n-propylbenzene

Concen: 0.060 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. 0.006 min

Lab File: VL042568.D

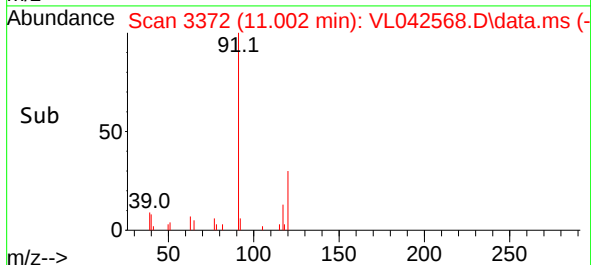
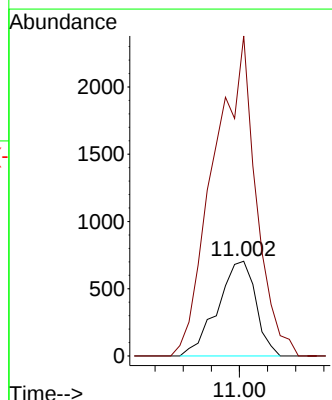
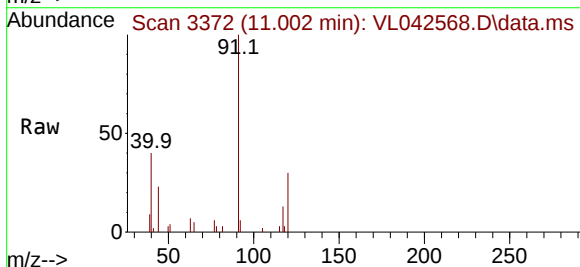
Acq: 21 May 2025 16:21

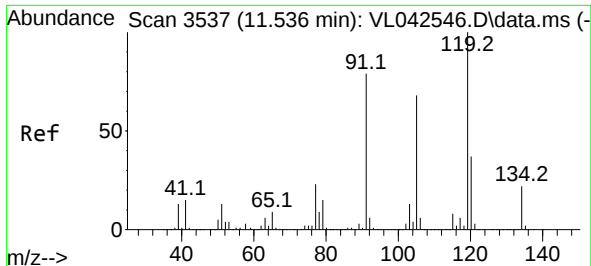
Tgt Ion: 120 Resp: 664

Ion Ratio Lower Upper

120 100

91 372.3 367.0 550.4

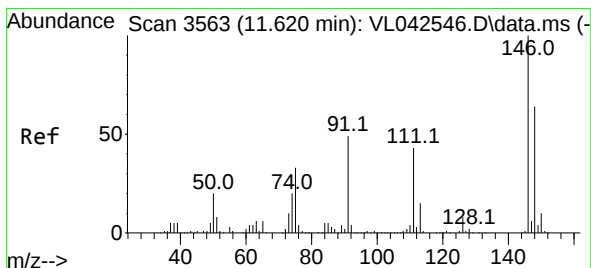
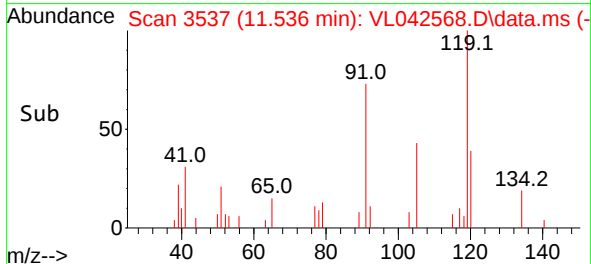
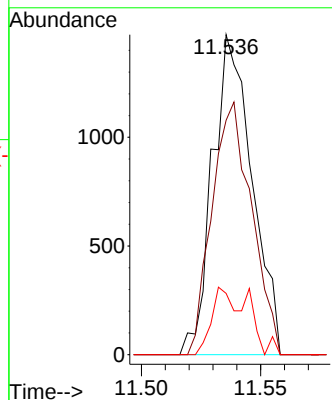
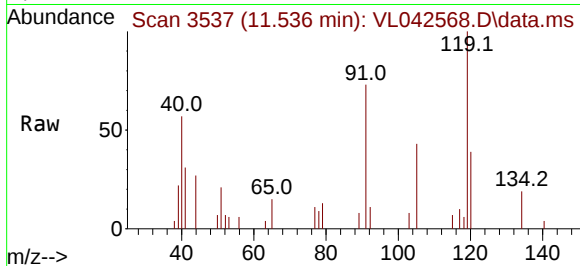




#65
tert-Butylbenzene
Concen: 0.042 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

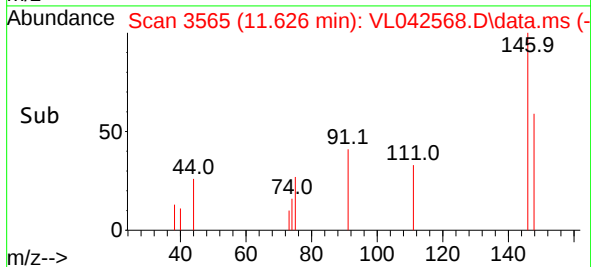
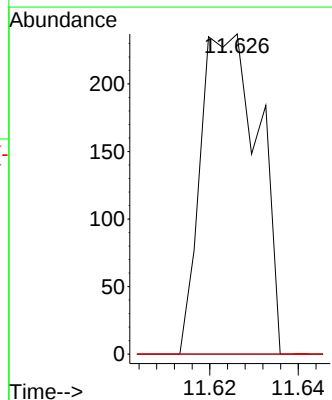
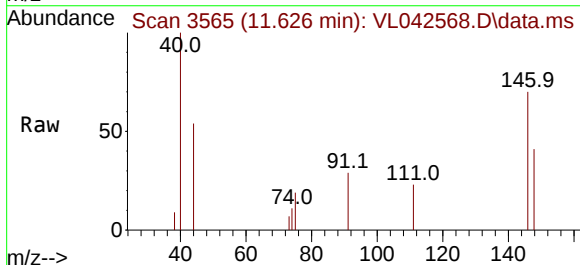
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

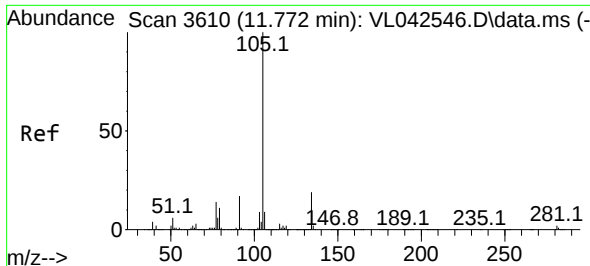
Tgt Ion:	119	Resp:	1695
Ion	Ratio	Lower	Upper
119	100		
91	79.4	62.7	94.1
134	19.4	16.8	25.2



#66
Benzyl Chloride
Concen: 0.043 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion:	91	Resp:	215
Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.2	21.2#
128	0.0	4.6	6.8#

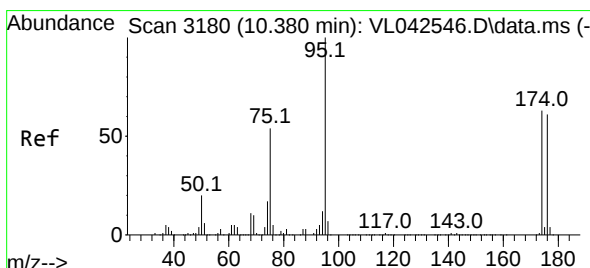
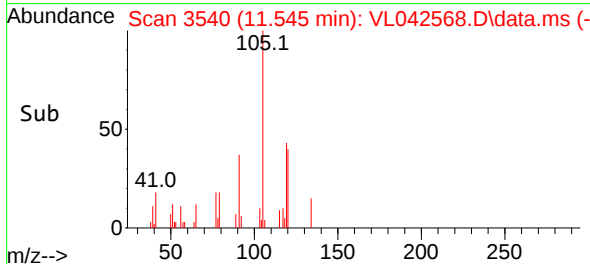
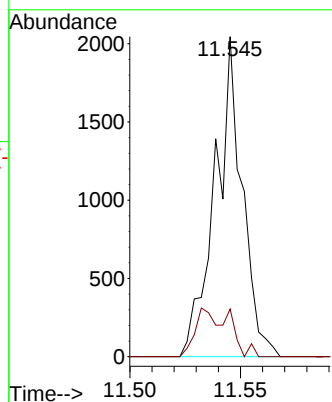
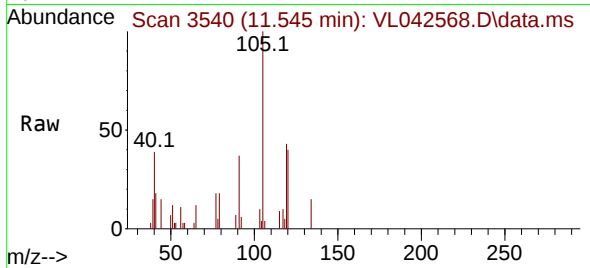




#67
 sec-Butylbenzene
 Concen: 0.031 ppbv
 RT: 11.545 min Scan# 3150
 Delta R.T. -0.227 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

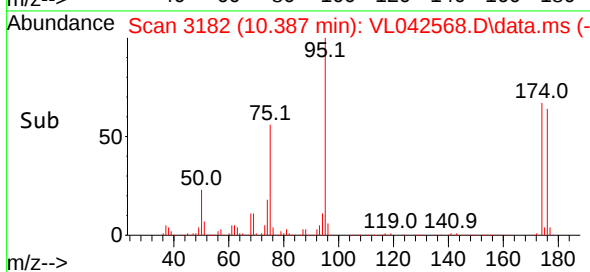
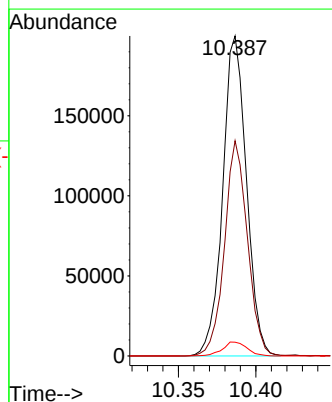
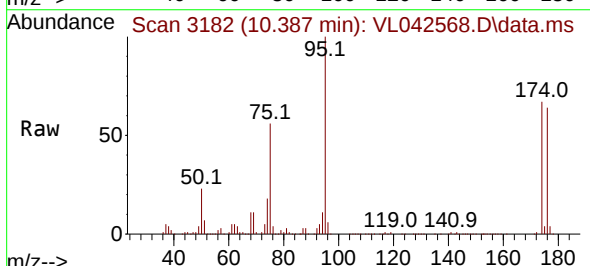
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

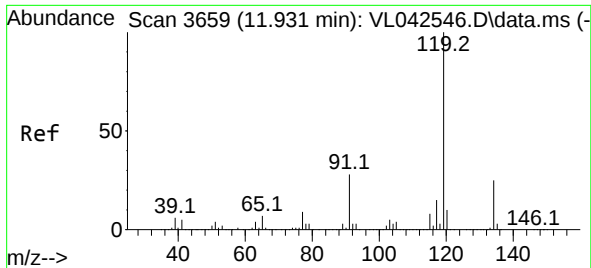
Tgt Ion:105 Resp: 1751
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.155 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.006 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Tgt Ion: 95 Resp: 212738
 Ion Ratio Lower Upper
 95 100
 174 65.3 52.0 78.0
 175 4.5 3.8 5.6

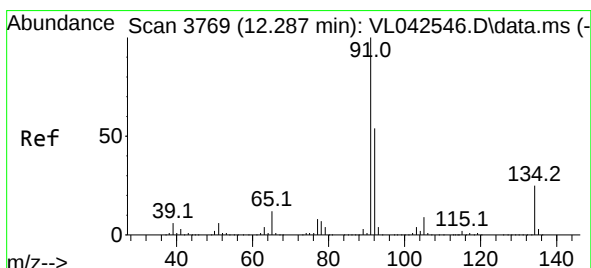
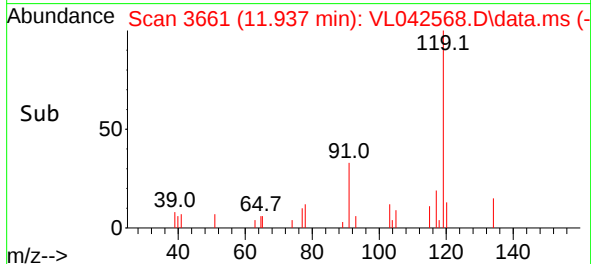
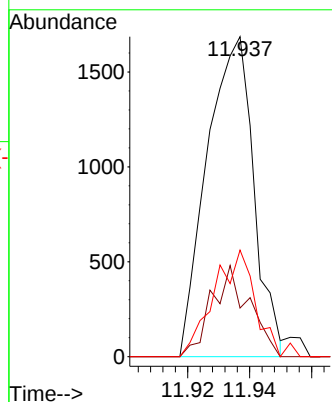
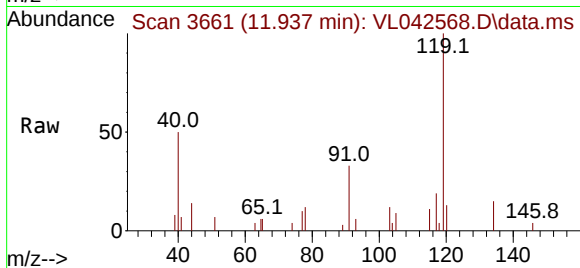




#69
p-Isopropyltoluene
Concen: 0.038 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

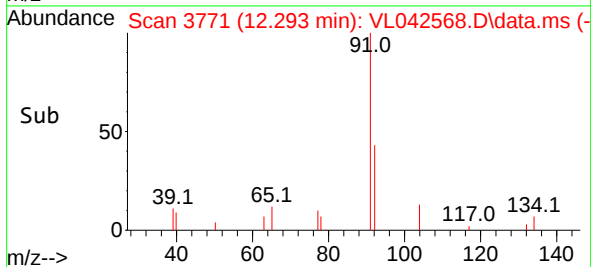
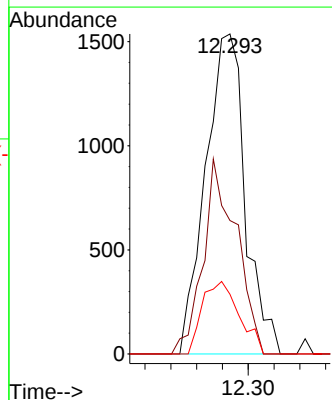
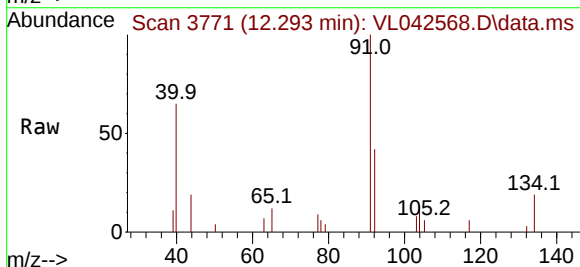
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

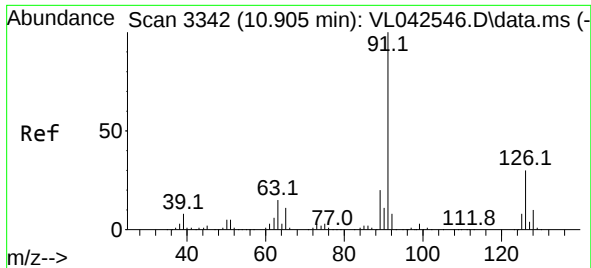
Tgt Ion:	119	Resp:	1764
Ion	Ratio	Lower	Upper
119	100		
134	22.8	20.1	30.1
91	29.9	22.3	33.5



#70
n-Butylbenzene
Concen: 0.037 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion:	91	Resp:	1637
Ion	Ratio	Lower	Upper
91	100		
92	51.1	43.8	65.6
134	21.2	19.7	29.5

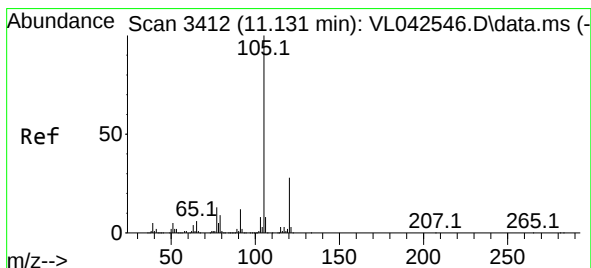
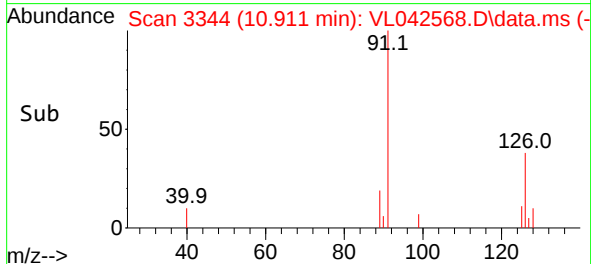
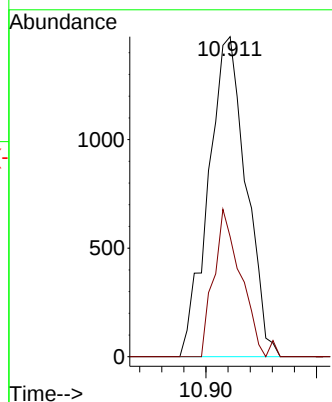
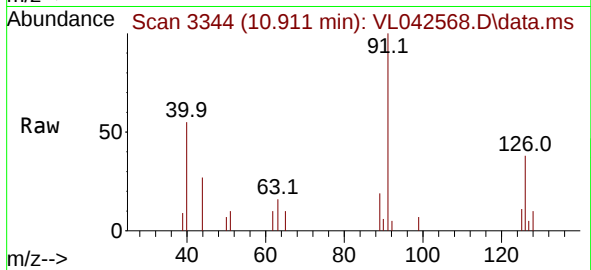




#71
2-Chlorotoluene
Concen: 0.055 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

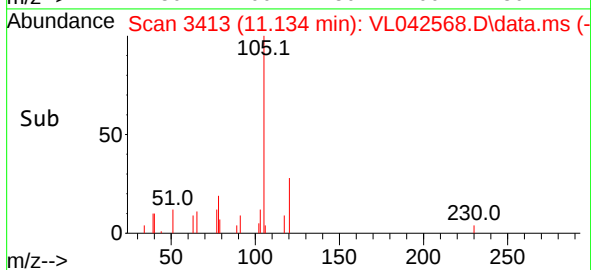
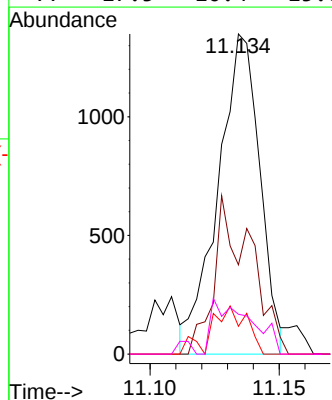
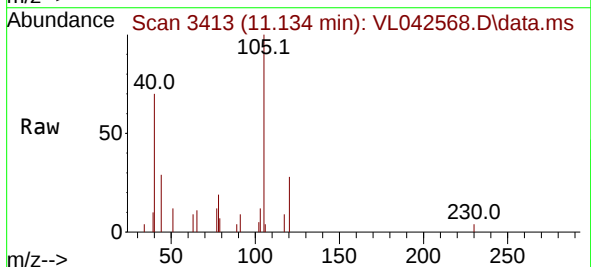
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

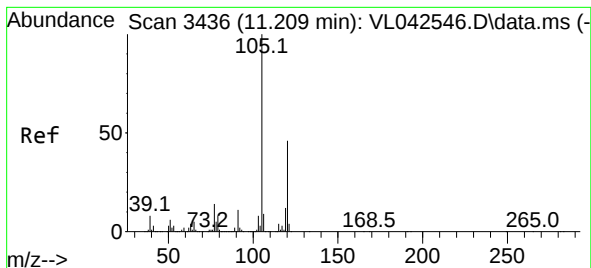
Tgt Ion: 91 Resp: 1745
Ion Ratio Lower Upper
91 100
126 33.4 12.4 49.4



#72
4-Ethyltoluene
Concen: 0.042 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion: 105 Resp: 1517
Ion Ratio Lower Upper
105 100
120 43.5 23.4 35.0#
91 12.8 10.2 15.4
77 17.5 10.4 15.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.046 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. -0.000 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Instrument :

MSVOA_L

ClientSampleId :

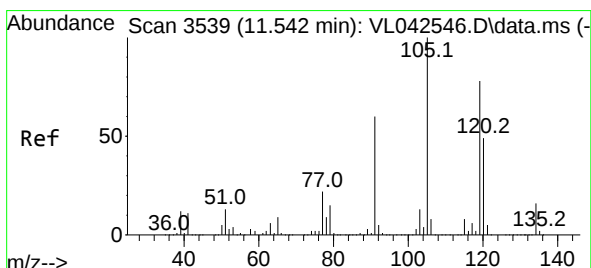
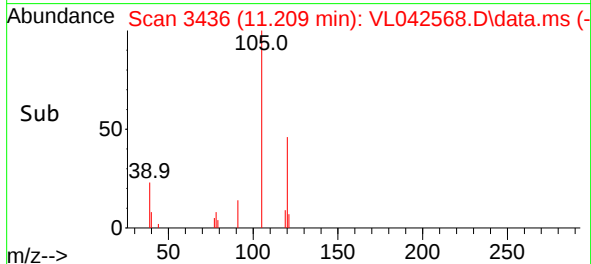
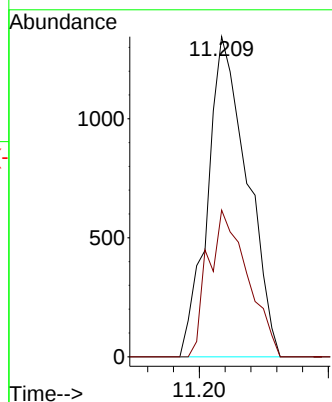
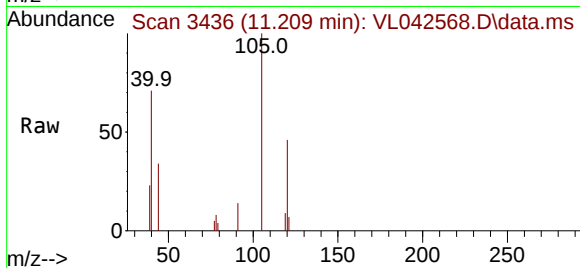
MDL 0.1

Tgt Ion:105 Resp: 1436

Ion Ratio Lower Upper

105 100

120 45.8 36.5 54.7



#74

1,2,4-Trimethylbenzene

Concen: 0.047 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VL042568.D

Acq: 21 May 2025 16:21

Tgt Ion:105 Resp: 1751

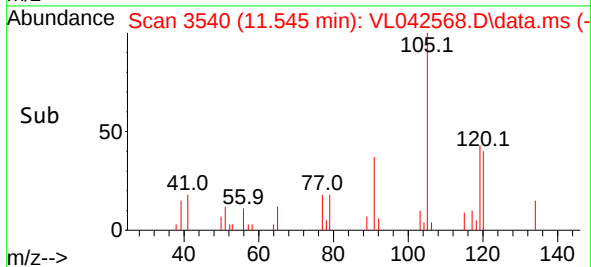
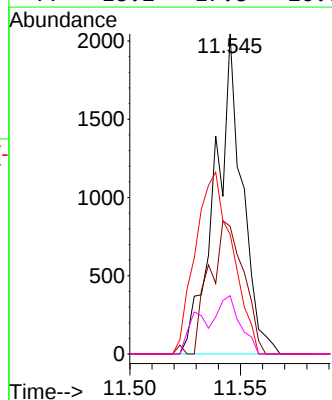
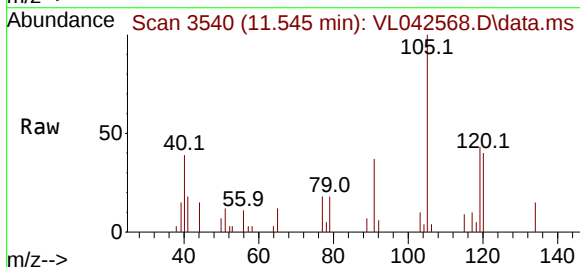
Ion Ratio Lower Upper

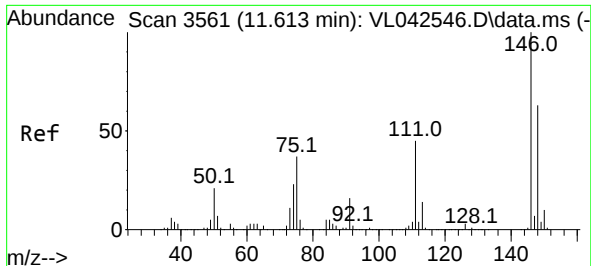
105 100

120 39.9 39.4 59.0

91 37.4 47.8 71.8#

77 18.2 17.8 26.6

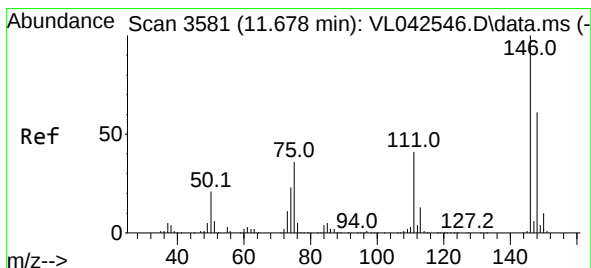
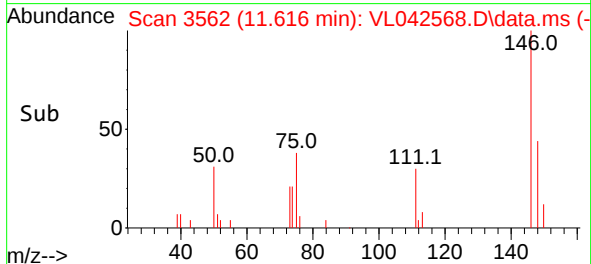
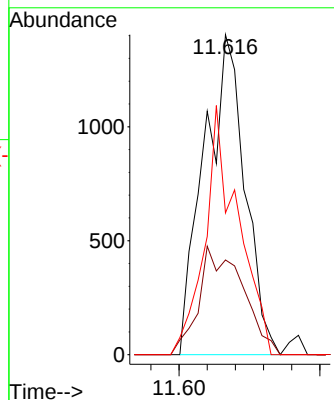
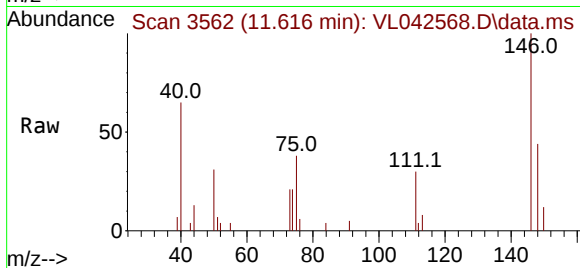




#75
1,3-Dichlorobenzene
Concen: 0.061 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

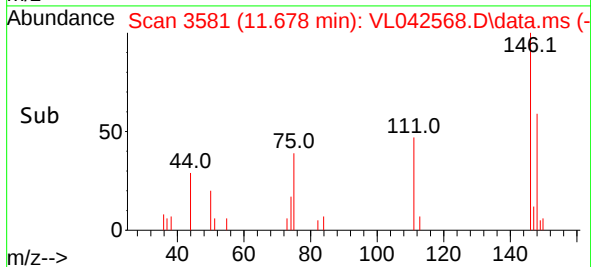
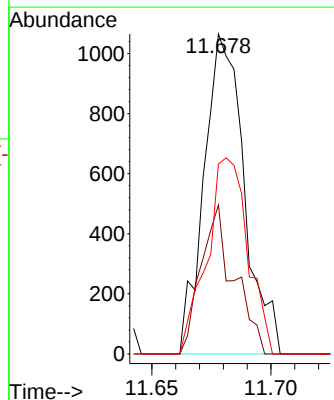
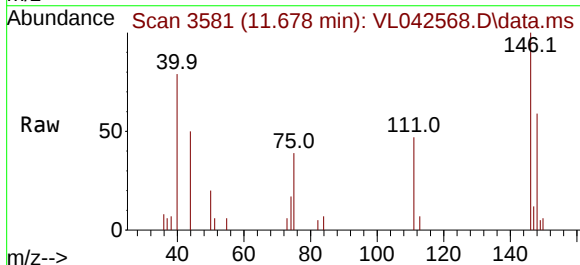
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

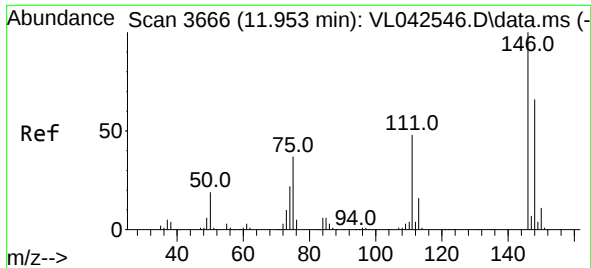
Tgt Ion:146 Resp: 1412
Ion Ratio Lower Upper
146 100
111 36.3 22.8 68.4
148 63.0 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 0.056 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.000 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion:146 Resp: 1249
Ion Ratio Lower Upper
146 100
111 38.4 21.8 65.3
148 62.2 31.4 94.3

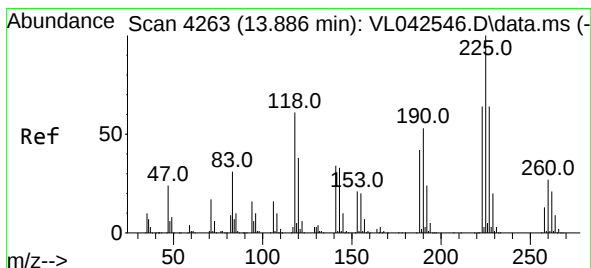
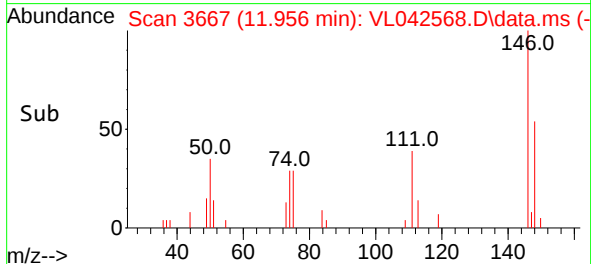
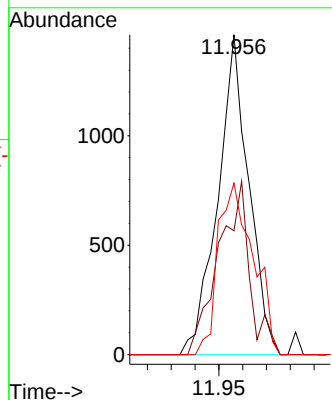
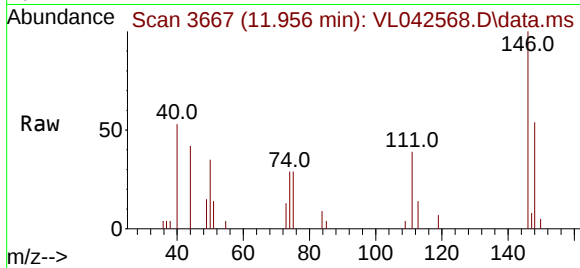




#77
1,2-Dichlorobenzene
Concen: 0.058 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

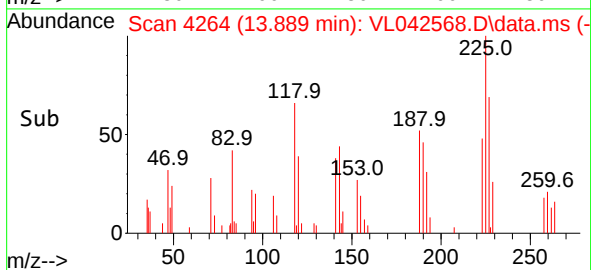
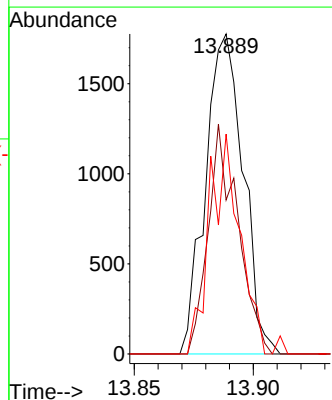
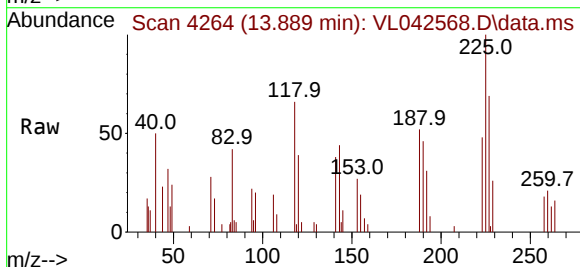
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

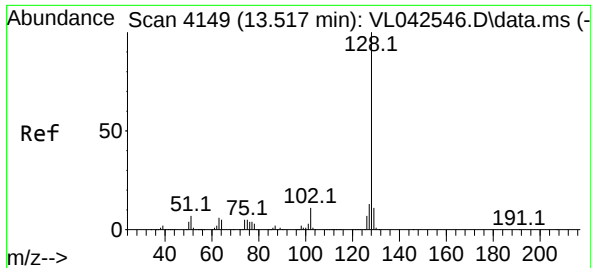
Tgt Ion:146	Resp:	1321
Ion Ratio	Lower	Upper
146	100	
111	54.6	23.7 71.1
148	61.2	32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 0.104 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Tgt Ion:225	Resp:	1958
Ion Ratio	Lower	Upper
225	100	
223	56.5	51.0 76.6
227	56.0	50.2 75.4

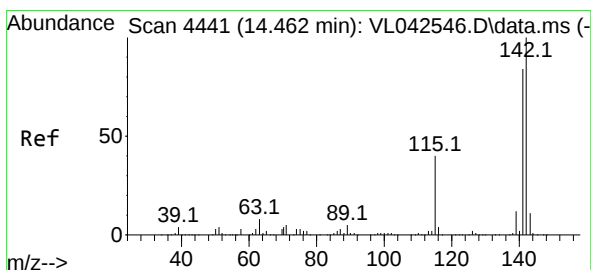
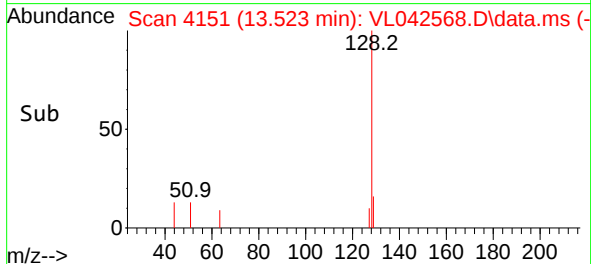
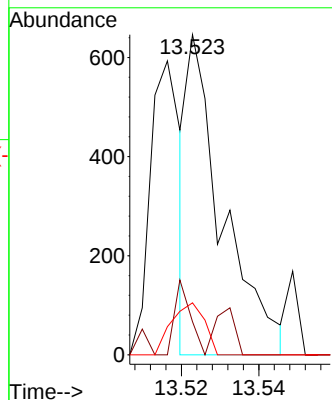
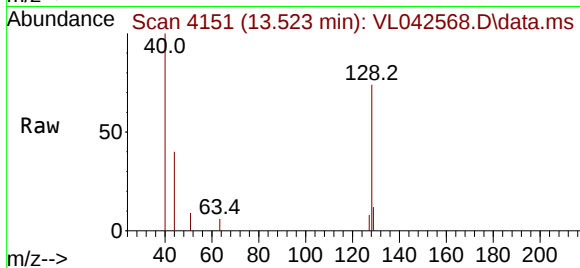




#79
Naphthalene
Concen: 0.015 ppbv
RT: 13.523 min Scan# 4149
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

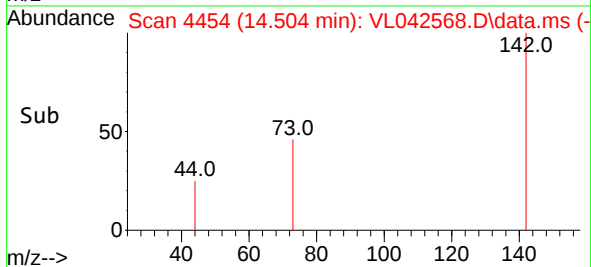
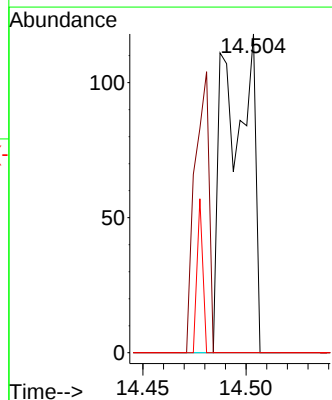
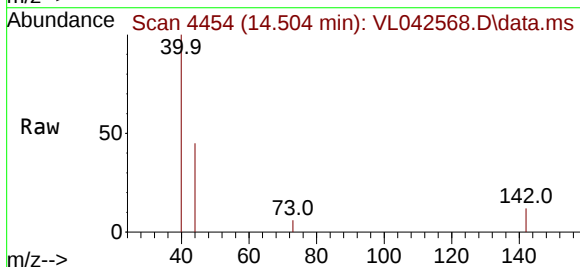
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

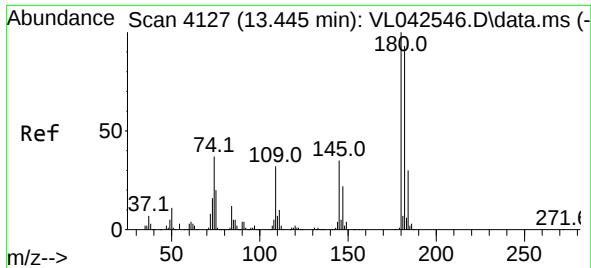
Tgt Ion:128 Resp: 408
Ion Ratio Lower Upper
128 100
127 11.4 10.5 15.7
129 17.9 9.0 13.4#



#80
Naphthalene,2-methyl-
Concen: 0.008 ppbv
RT: 14.504 min Scan# 4454
Delta R.T. 0.042 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

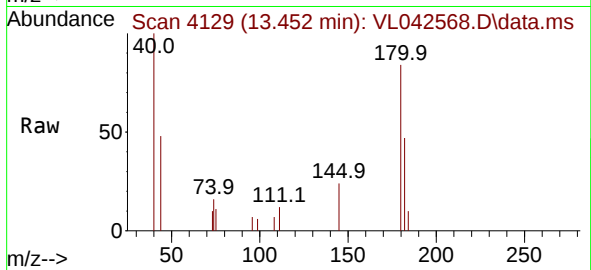
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
141 44.1 67.4 101.0#
115 9.9 31.5 47.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.018 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042568.D
 Acq: 21 May 2025 16:21

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion:	180	Resp:	305
Ion	Ratio	Lower	Upper
180	100		
182	124.6	75.6	113.4#
184	39.3	23.7	35.5#

