

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
 Data File : VL042575.D
 Acq On : 22 May 2025 11:27
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 23 01:47:11 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	2.797	49	125849	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	388927	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	331913	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	257942	9.710	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	852	0.036	ppbv	95
3) Chlorodifluoromethane	1.602	51	359	0.019	ppbv	98
4) Chloromethane	1.538	50	569	0.075	ppbv #	70
5) Vinyl Chloride	1.586	62	341	0.041	ppbv	94
6) Bromomethane	1.670	94	304	0.063	ppbv #	69
7) Chloroethane	1.709	64	197	0.059	ppbv	91
8) Dichlorotetrafluoroethane	1.560	85	632	0.032	ppbv #	76
9) Propene	1.489	41	276	0.041	ppbv #	55
10) Heptane	5.001	43	119	0.007	ppbv #	24
11) Trichlorofluoromethane	1.884	101	897	0.037	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.146	101	759	0.038	ppbv	97
13) Ethanol	1.897	45	617	0.632	ppbv #	37
14) Bromoethene	1.777	108	13	0.002	ppbv #	1
15) Acetone	1.842	43	2106	0.120	ppbv	93
16) 1,3-Butadiene	1.615	39	350	0.049	ppbv	98
17) tert-Butyl alcohol	2.052	59	882	0.044	ppbv	99
18) 1,1-Dichloroethene	2.039	96	298	0.033	ppbv	84
19) Isopropyl Alcohol	1.897	45	617	0.062	ppbv #	1
20) Methylene Chloride	2.068	84	1779	0.210	ppbv #	83
21) Allyl Chloride	2.097	41	656	0.058	ppbv #	70
22) trans-1,2-Dichloroethene	2.039	96	298	0.030	ppbv	94
23) Vinyl Acetate	2.470	43	1285	0.064	ppbv #	49
24) 1,1-Dichloroethane	2.415	63	687	0.040	ppbv #	81
25) Ethyl Acetate	2.852	43	948	0.028	ppbv #	90
26) Hexane	2.835	57	253	0.017	ppbv #	1
27) Carbon Disulfide	2.159	76	1012	0.046	ppbv #	1
28) Methyl tert-Butyl Ether	2.457	73	420	0.041	ppbv	99
29) Chloroform	2.858	83	1219	0.042	ppbv #	69
30) Cyclohexane	3.874	84	139	0.010	ppbv #	1
31) cis-1,2-Dichloroethene	2.732	61	565	0.034	ppbv #	74
32) 1,1,1-Trichloroethane	3.386	97	336	0.011	ppbv #	1
34) 2-Butanone	2.567	43	375	0.018	ppbv #	49
35) Carbon Tetrachloride	3.777	117	289	0.010	ppbv #	22
36) Benzene	3.677	78	704	0.022	ppbv #	71
37) 1,2-Dichloroethane	3.230	62	430	0.022	ppbv #	80
38) Trichloroethene	4.570	130	265	0.018	ppbv #	44
39) 1,2-Dichloropropane	3.975	63	91792	8.309	ppbv #	26
40) 1,4-Dioxane	4.651	88	36	0.007	ppbv #	1
41) Tetrahydrofuran	3.075	42	35	0.003	ppbv #	33
42) Bromodichloromethane	4.509	83	753	0.028	ppbv #	70
43) Methyl Methacrylate	4.894	69	87	0.008	ppbv #	10
44) 2,2,4-Trimethylpentane	4.661	57	222	0.005	ppbv #	1
45) t-1,3-Dichloropropene	6.435	75	90	0.007	ppbv #	44

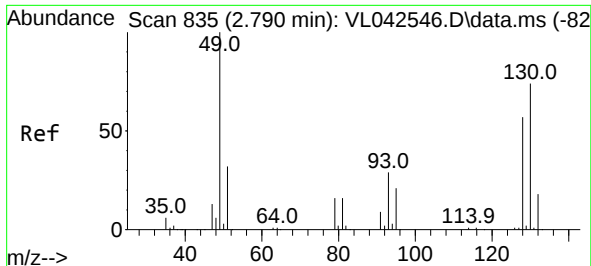
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
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 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.622	75	47	0.003	ppbv	#	66
47) 1,1,2-Trichloroethane	6.600	97	161	0.012	ppbv	#	64
48) Dibromochloromethane	7.415	129	216	0.009	ppbv	#	1
49) Bromoform	9.513	173	76	0.004	ppbv	#	27
50) 4-Methyl-2-Pentanone	5.797	43	171	0.007	ppbv	#	37
51) 2-Hexanone	7.464	43	123	0.007	ppbv	#	27
52) Tetrachloroethene	8.247	164	260	0.021	ppbv		90
53) Toluene	6.959	91	389	0.012	ppbv	#	39
54) 1,2-Dibromoethane	7.684	107	154	0.008	ppbv	#	78
56) 1,1,1,2-Tetrachloroethane	8.946	131	310	0.018	ppbv	#	1
57) Chlorobenzene	8.940	112	1047	0.035	ppbv	#	76
58) Ethyl Benzene	9.364	91	1037	0.024	ppbv	#	74
59) m/p-Xylene	9.571	91	366	0.010	ppbv	#	30
60) o-Xylene	9.979	91	545	0.015	ppbv		83
61) Styrene	9.885	104	198	0.014	ppbv	#	82
62) Isopropylbenzene	10.548	105	1345	0.024	ppbv		97
63) 1,1,2,2-Tetrachloroethane	9.979	83	761	0.031	ppbv		85
64) n-propylbenzene	10.998	120	229	0.016	ppbv	#	64
65) tert-Butylbenzene	11.542	119	997	0.020	ppbv	#	91
66) Benzyl Chloride	11.633	91	44	0.007	ppbv	#	65
67) sec-Butylbenzene	11.778	105	1071	0.015	ppbv		98
69) p-Isopropyltoluene	11.937	119	514	0.009	ppbv	#	73
70) n-Butylbenzene	12.293	91	693	0.012	ppbv		98
71) 2-Chlorotoluene	10.914	91	707	0.017	ppbv		94
72) 4-Ethyltoluene	11.134	105	639	0.014	ppbv	#	79
73) 1,3,5-Trimethylbenzene	11.218	105	752	0.019	ppbv	#	65
74) 1,2,4-Trimethylbenzene	11.548	105	926	0.020	ppbv	#	87
75) 1,3-Dichlorobenzene	11.629	146	148	0.005	ppbv	#	20
76) 1,4-Dichlorobenzene	11.688	146	189	0.007	ppbv	#	1
77) 1,2-Dichlorobenzene	11.963	146	749	0.026	ppbv		96
78) Hexachloro-1,3-Butadiene	13.892	225	936	0.039	ppbv		98
79) Naphthalene	13.526	128	847	0.024	ppbv	#	78
80) Naphthalene,2-methyl-	14.474	142	430	0.024	ppbv		90
81) 1,2,4-Trichlorobenzene	13.461	180	119	0.006	ppbv	#	1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.797 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL042575.D

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Instrument :

MSVOA_L

ClientSampleId :

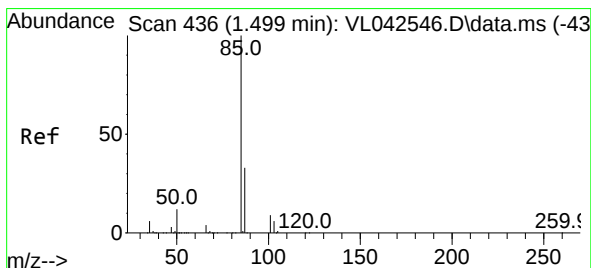
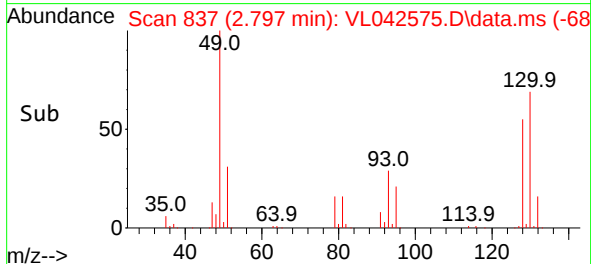
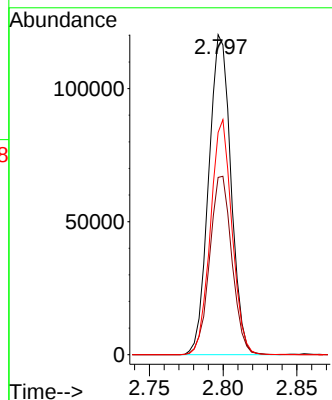
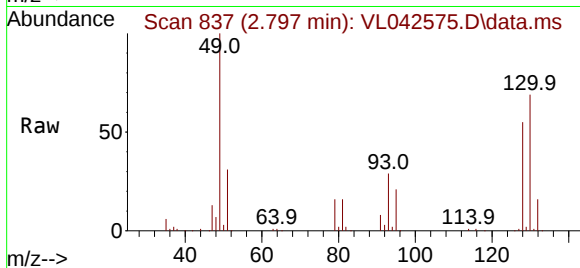
Tgt Ion: 49 Resp: 125849

Ion Ratio Lower Upper

49 100

128 56.0 28.6 85.8

130 71.1 36.6 109.8



#2

Dichlorodifluoromethane

Concen: 0.036 ppbv

RT: 1.502 min Scan# 437

Delta R.T. 0.003 min

Lab File: VL042575.D

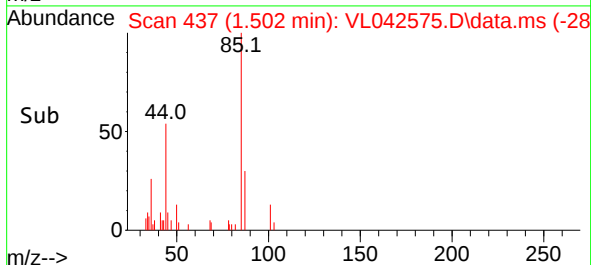
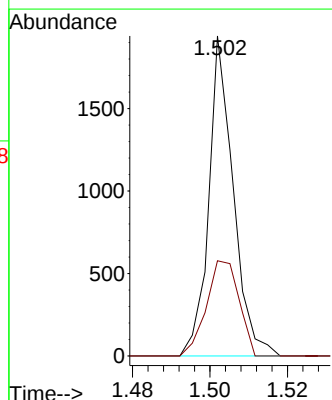
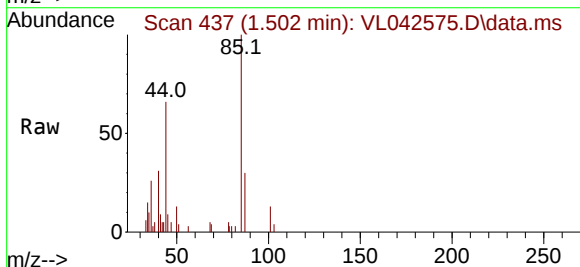
Acq: 22 May 2025 11:27

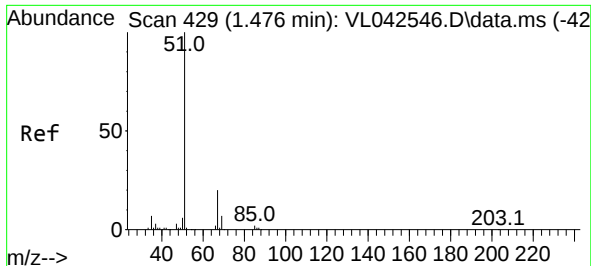
Tgt Ion: 85 Resp: 852

Ion Ratio Lower Upper

85 100

87 29.7 26.2 39.4

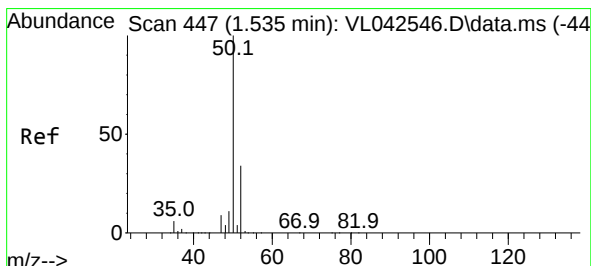
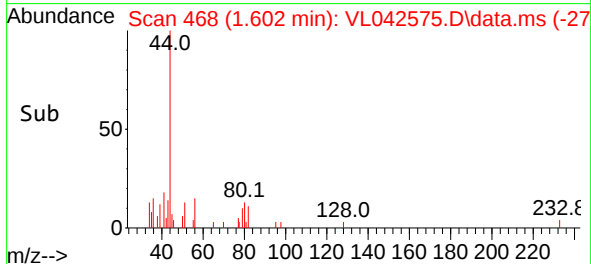
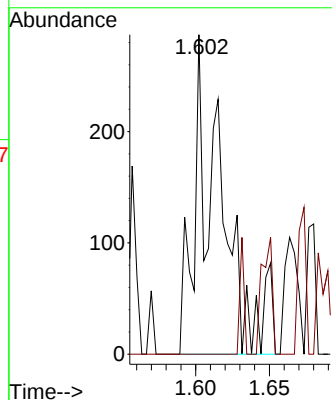
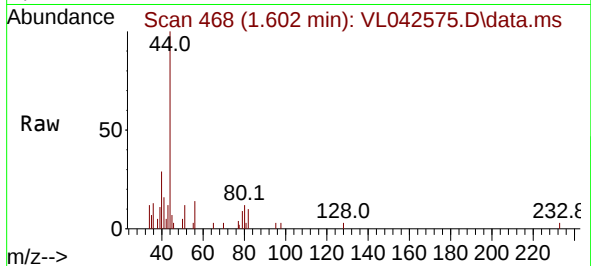




#3
Chlorodifluoromethane
Concen: 0.019 ppbv
RT: 1.602 min Scan# 41
Delta R.T. 0.126 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

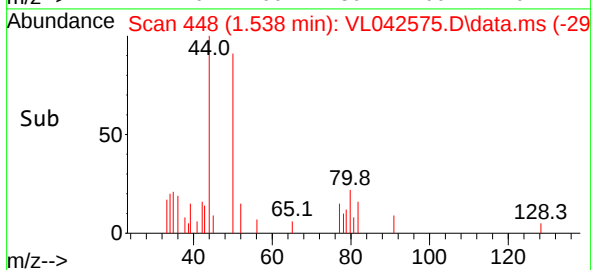
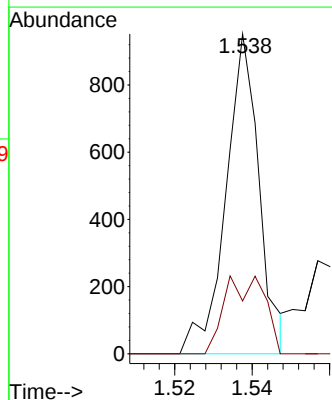
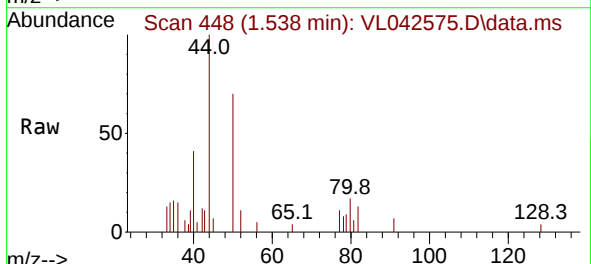
Instrument :
MSVOA_L
ClientSampleId :

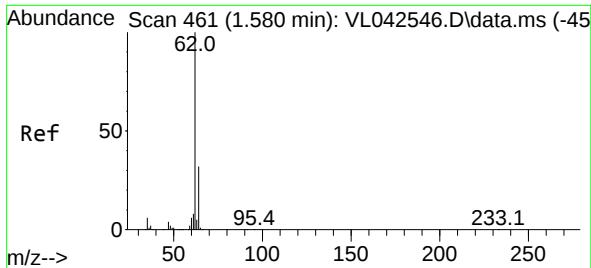
Tgt Ion: 51 Resp: 359
Ion Ratio Lower Upper
51 100
67 20.1 16.6 25.0



#4
Chloromethane
Concen: 0.075 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 50 Resp: 569
Ion Ratio Lower Upper
50 100
52 16.5 26.9 40.3#

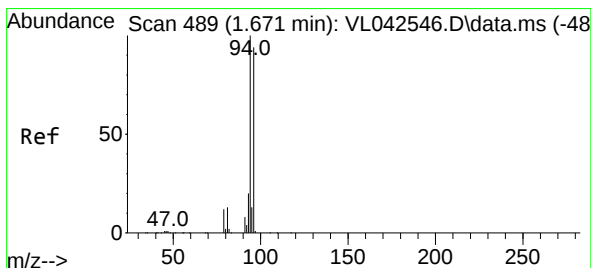
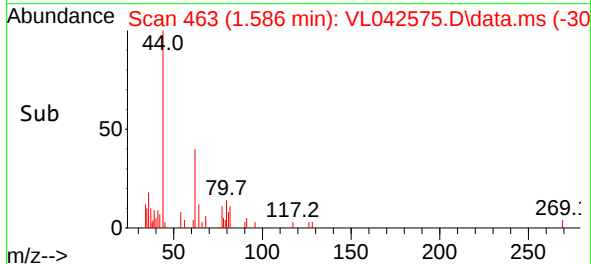
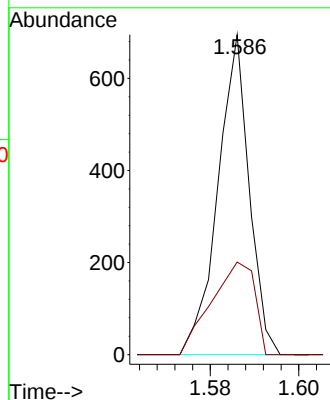
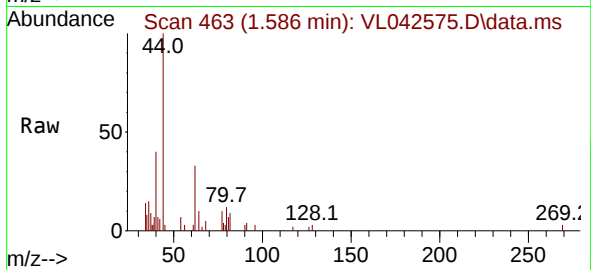




#5
 Vinyl Chloride
 Concen: 0.041 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.006 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

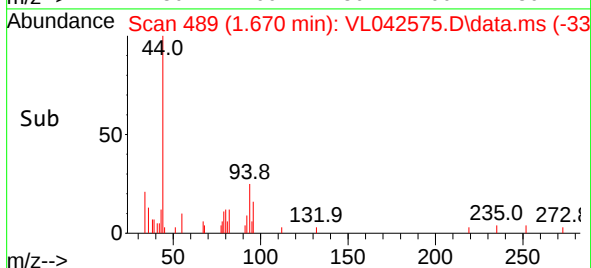
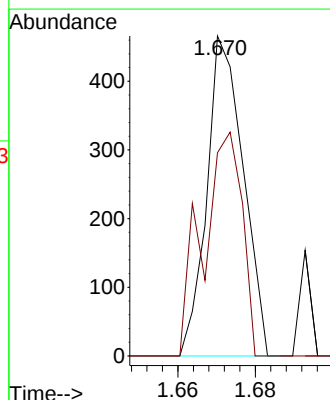
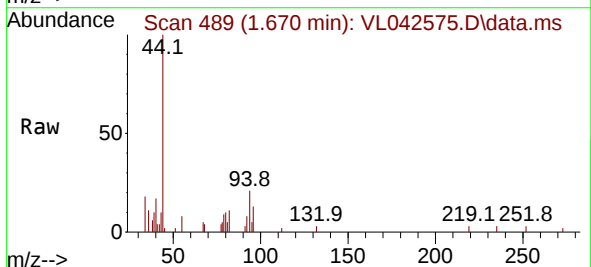
Instrument :
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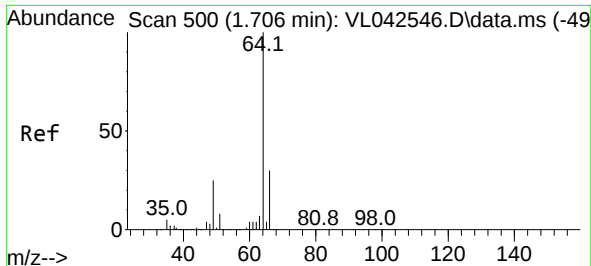
Tgt Ion: 62 Resp: 341
 Ion Ratio Lower Upper
 62 100
 64 28.9 25.7 38.5



#6
 Bromomethane
 Concen: 0.063 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

Tgt Ion: 94 Resp: 304
 Ion Ratio Lower Upper
 94 100
 96 63.5 74.9 112.3#

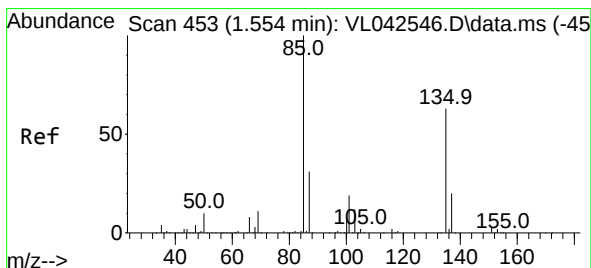
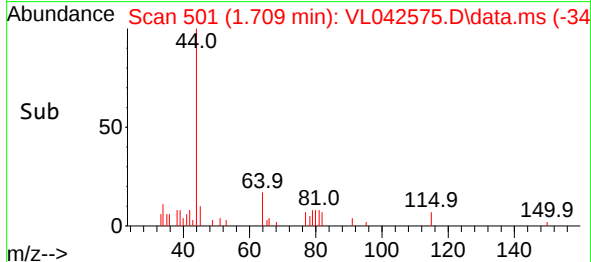
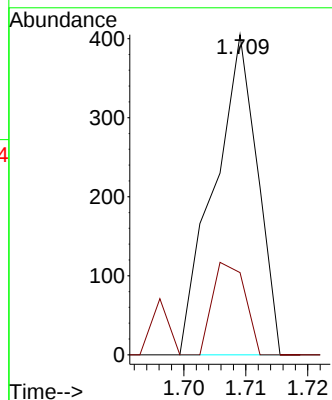
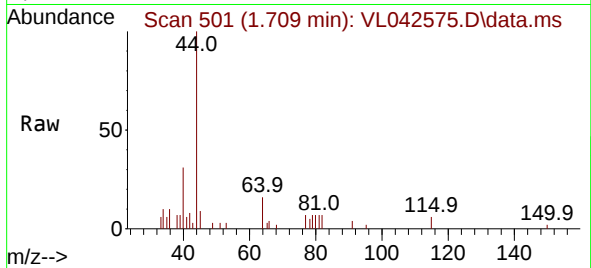




#7
Chloroethane
Concen: 0.059 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

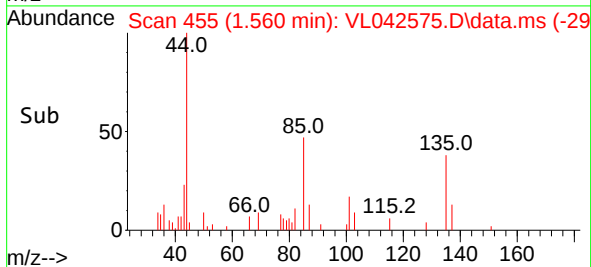
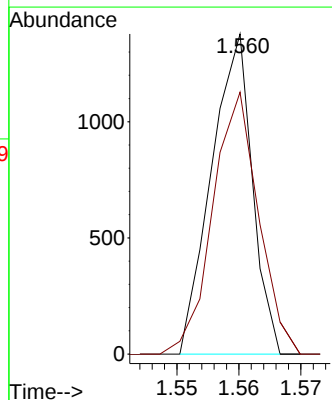
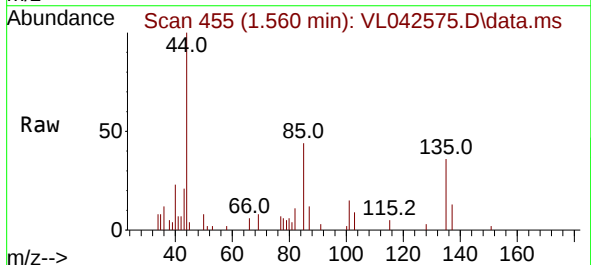
Instrument :
MSVOA_L
ClientSampleId :

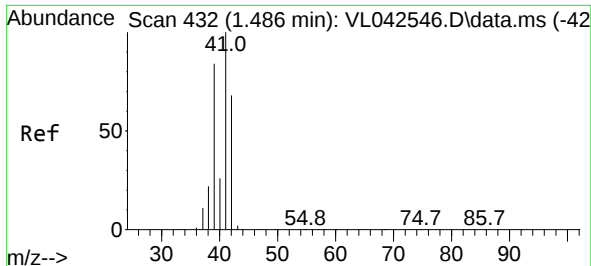
Tgt Ion: 64 Resp: 197
Ion Ratio Lower Upper
64 100
66 25.7 24.4 36.6



#8
Dichlorotetrafluoroethane
Concen: 0.032 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 85 Resp: 632
Ion Ratio Lower Upper
85 100
135 91.6 57.2 85.8#





#9

Propene

Concen: 0.041 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

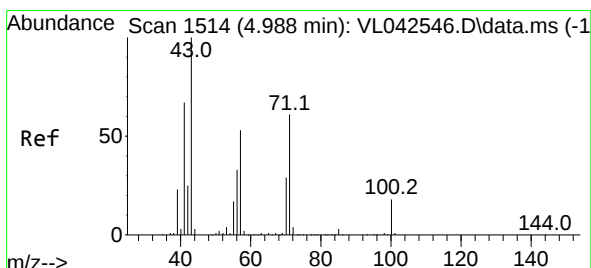
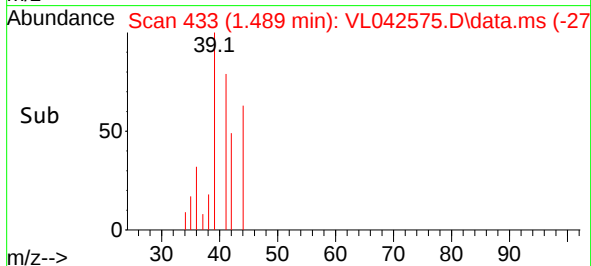
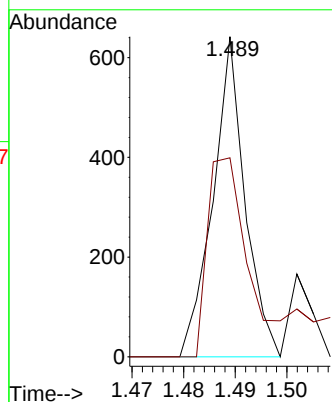
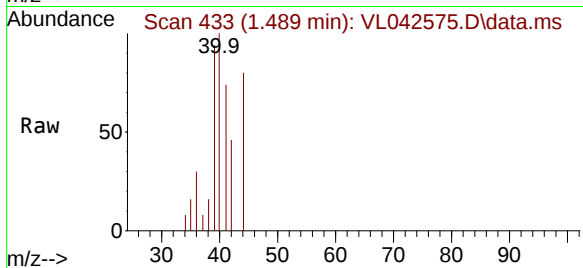
ClientSampleId :

Tgt Ion: 41 Resp: 276

Ion Ratio Lower Upper

41 100

42 105.4 55.0 82.4#



#10

Heptane

Concen: 0.007 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.013 min

Lab File: VL042575.D

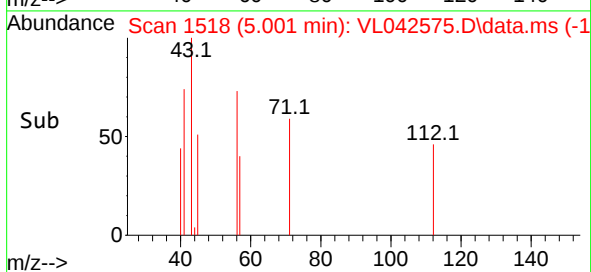
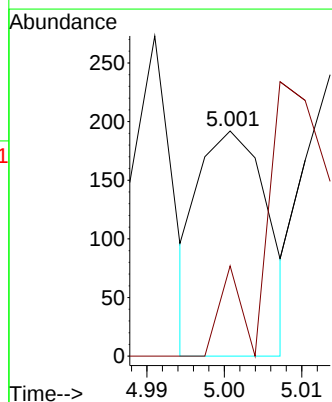
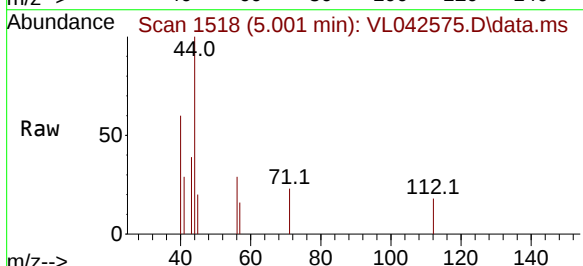
Acq: 22 May 2025 11:27

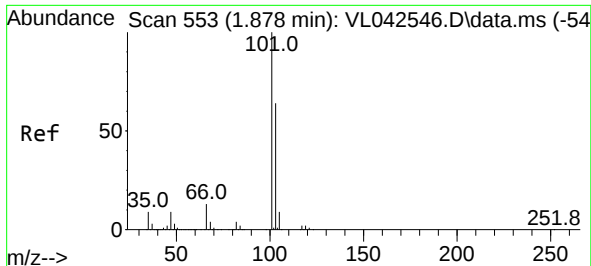
Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

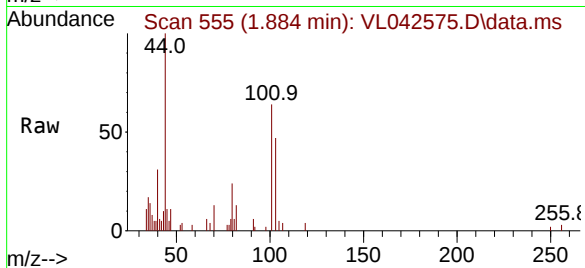
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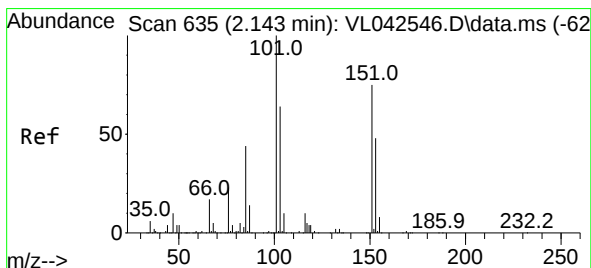
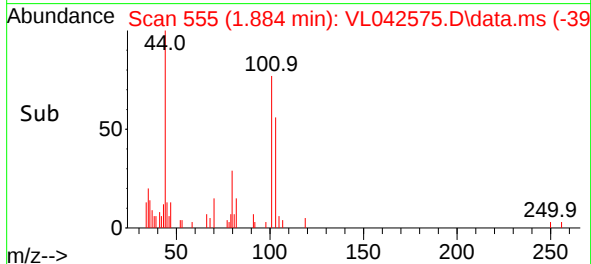
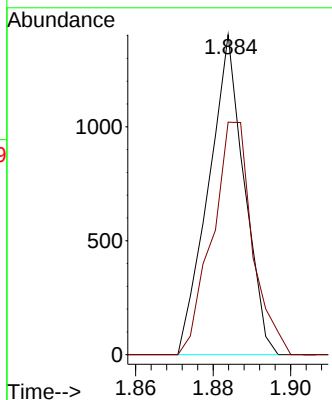


#11
 Trichlorofluoromethane
 Concen: 0.037 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

Instrument :
 MSVOA_L
 ClientSampleId :

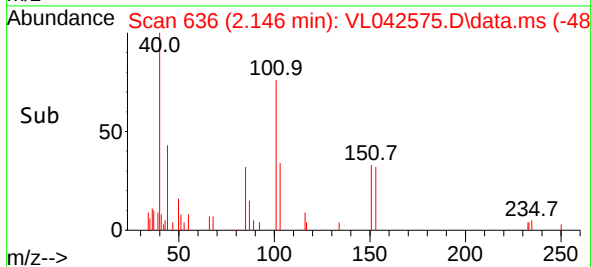
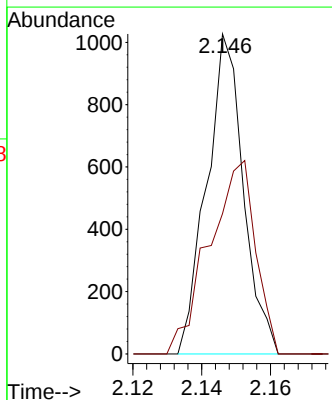
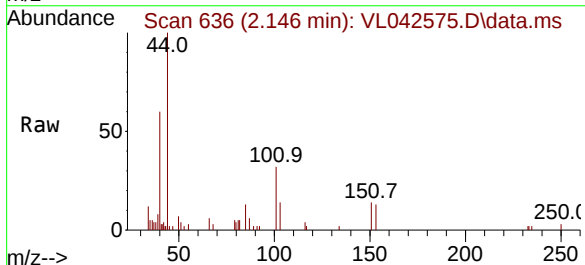


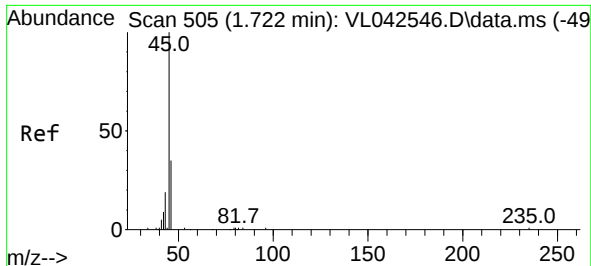
Tgt Ion:101 Resp: 897
 Ion Ratio Lower Upper
 101 100
 103 72.6 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.038 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

Tgt Ion:101 Resp: 759
 Ion Ratio Lower Upper
 101 100
 151 76.5 59.5 89.3

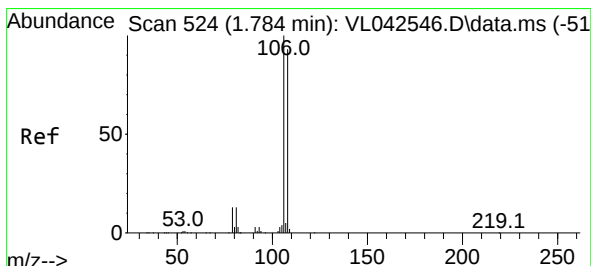
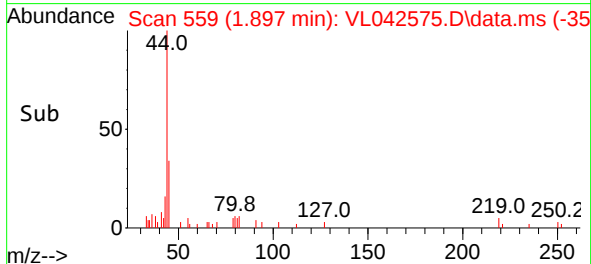
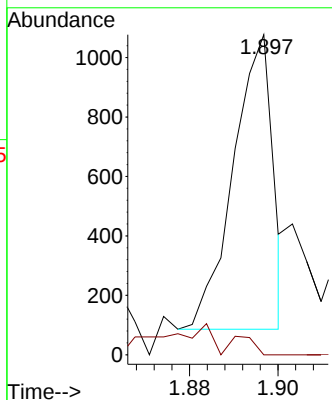
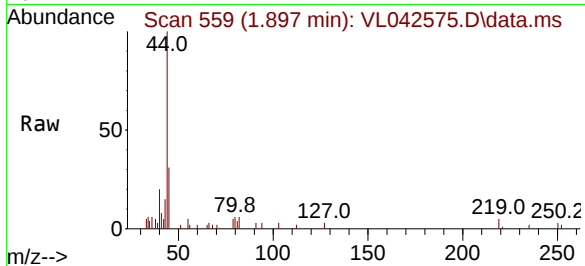




#13
Ethanol
Concen: 0.632 ppbv
RT: 1.897 min Scan# 51
Delta R.T. 0.174 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

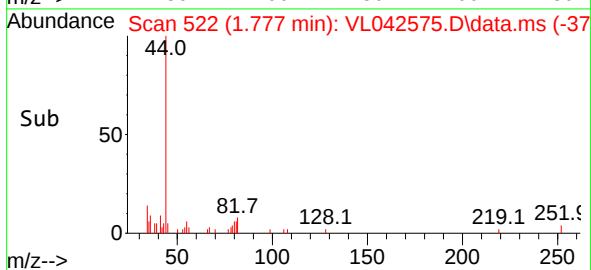
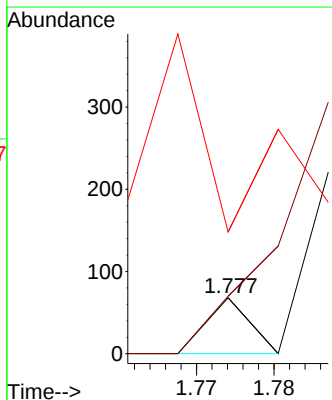
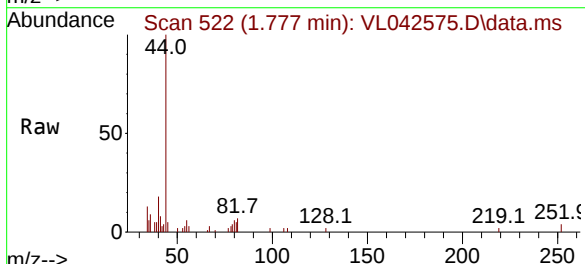
Instrument :
MSVOA_L
ClientSampleId :

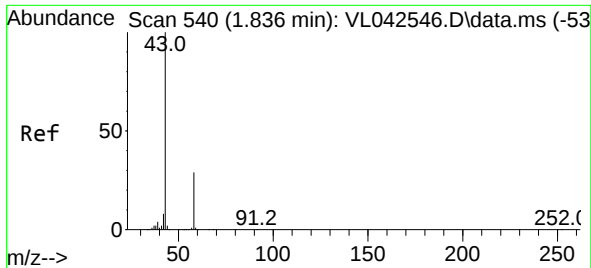
Tgt Ion: 45 Resp: 617
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.002 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.007 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion:108 Resp: 13
Ion Ratio Lower Upper
108 100
106 0.0 86.4 129.6#
79 2692.3 11.9 17.9#

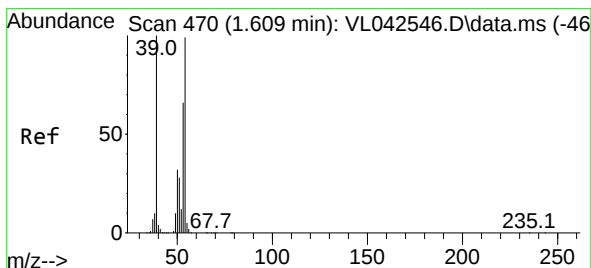
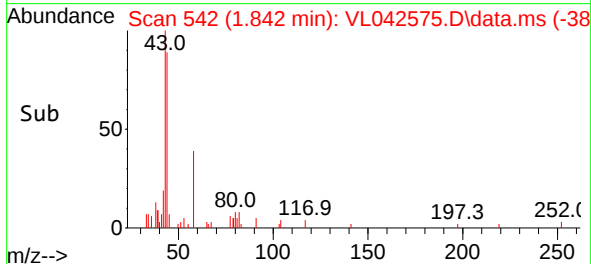
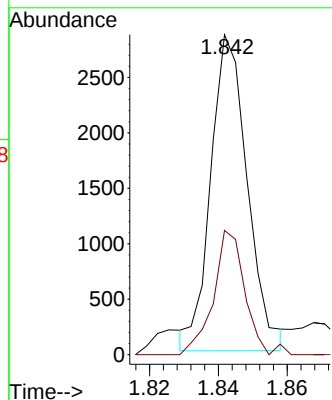
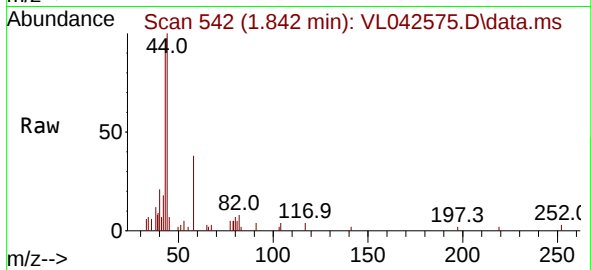




#15
Acetone
Concen: 0.120 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

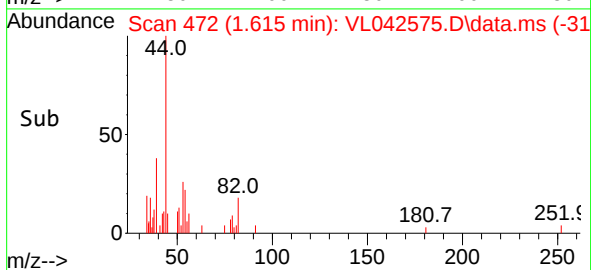
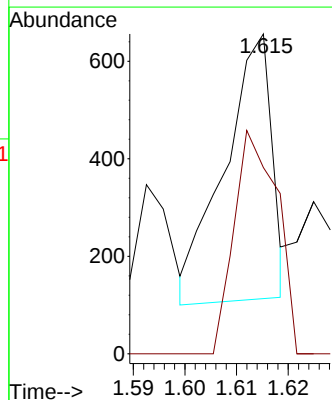
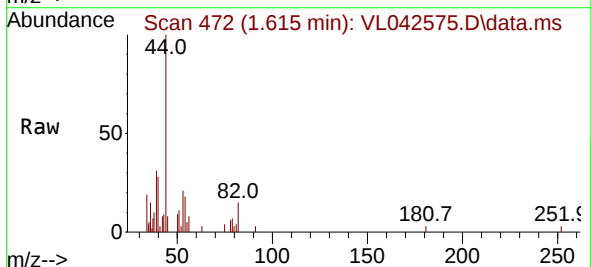
Instrument :
MSVOA_L
ClientSampleId :

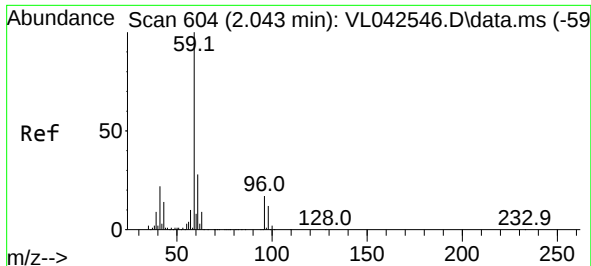
Tgt Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
58 34.0 24.2 36.2



#16
1,3-Butadiene
Concen: 0.049 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 39 Resp: 350
Ion Ratio Lower Upper
39 100
54 91.7 71.8 107.8





#17

tert-Butyl alcohol

Concen: 0.044 ppbv

RT: 2.052 min Scan# 604

Delta R.T. 0.009 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

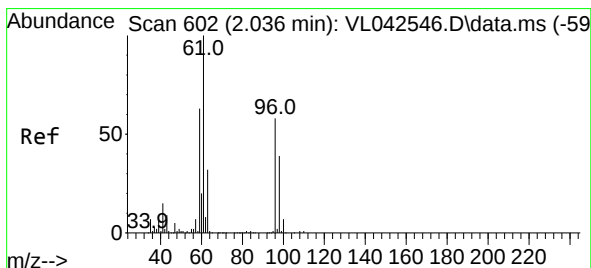
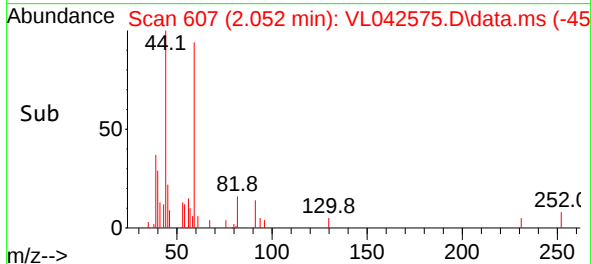
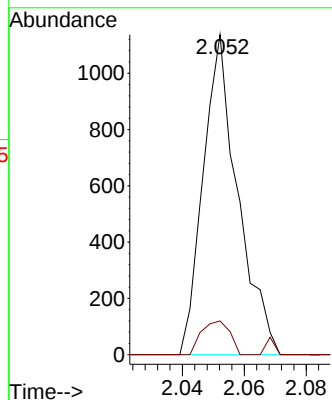
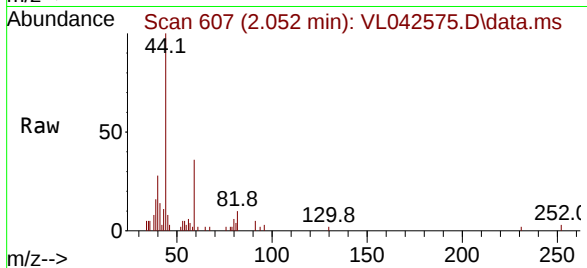
ClientSampleId :

Tgt Ion: 59 Resp: 882

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.2



#18

1,1-Dichloroethene

Concen: 0.033 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

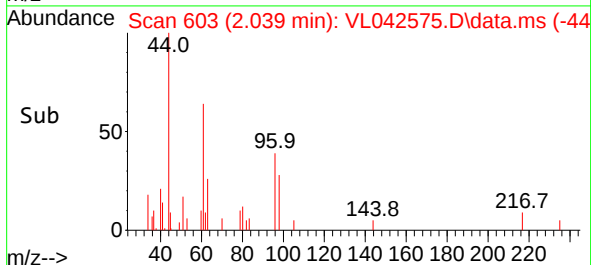
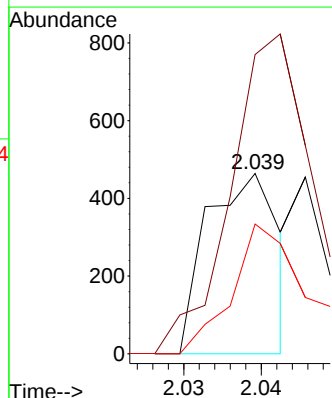
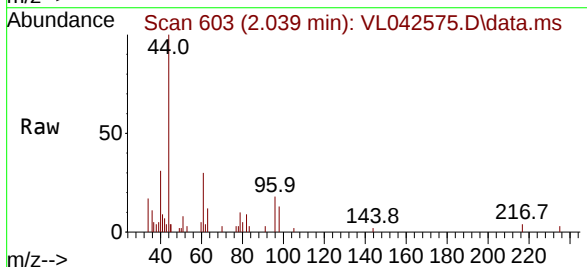
Tgt Ion: 96 Resp: 298

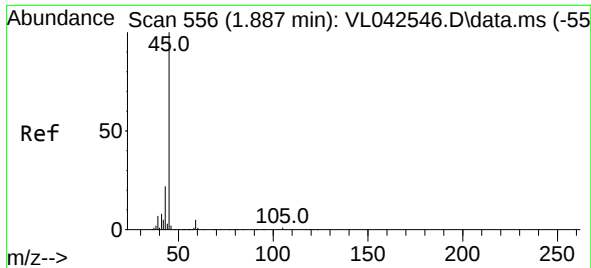
Ion Ratio Lower Upper

96 100

61 144.4 137.5 206.3

98 72.0 53.2 79.8

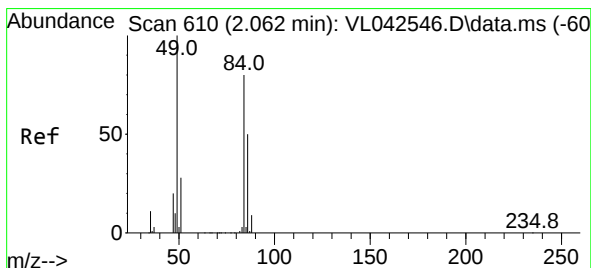
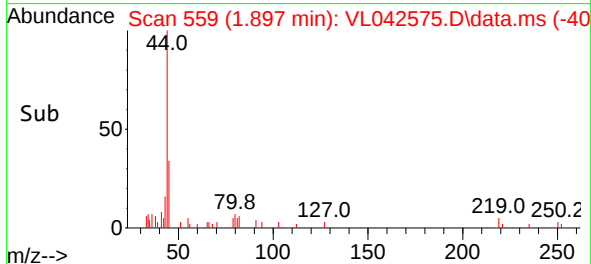
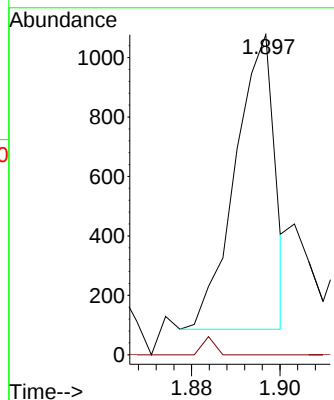
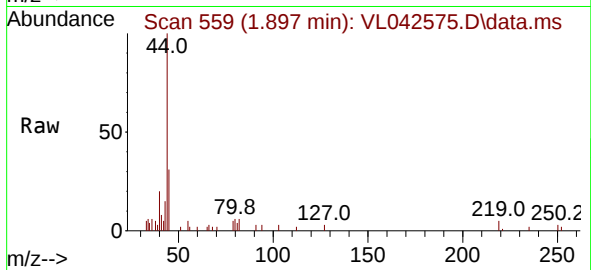




#19
Isopropyl Alcohol
Concen: 0.062 ppbv
RT: 1.897 min Scan# 51
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

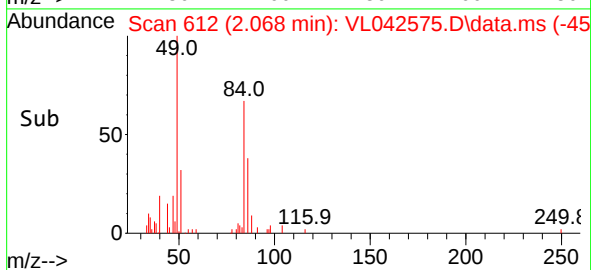
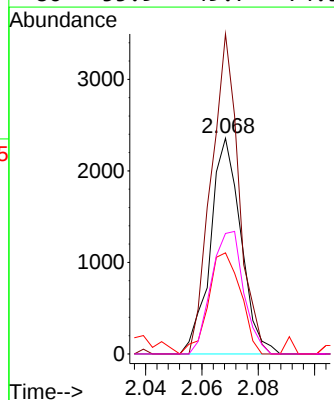
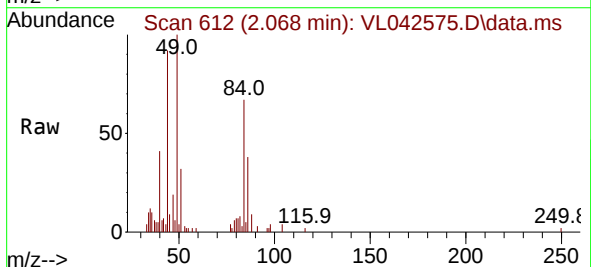
Instrument :
MSVOA_L
ClientSampleId :

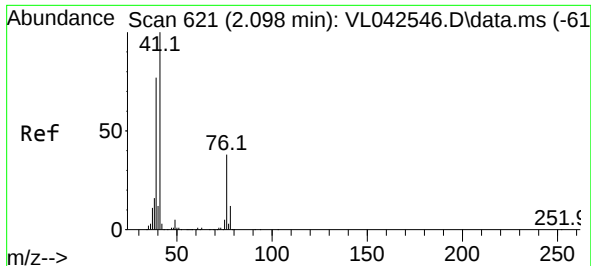
Tgt Ion: 45 Resp: 617
Ion Ratio Lower Upper
45 100
58 126.6 35.3 52.9#



#20
Methylene Chloride
Concen: 0.210 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

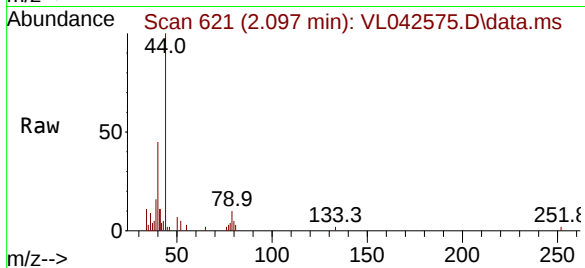
Tgt Ion: 84 Resp: 1779
Ion Ratio Lower Upper
84 100
49 148.3 99.7 149.5
51 46.9 29.7 44.5#
86 55.9 49.7 74.5



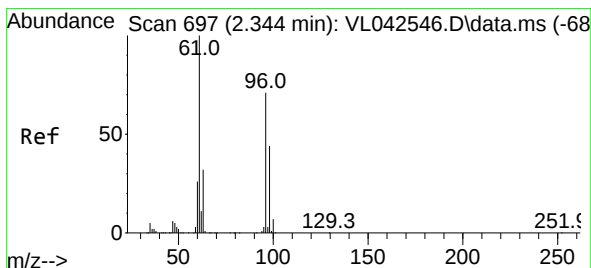
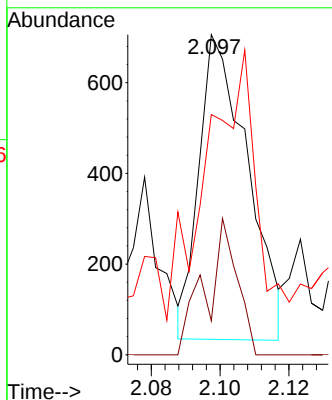
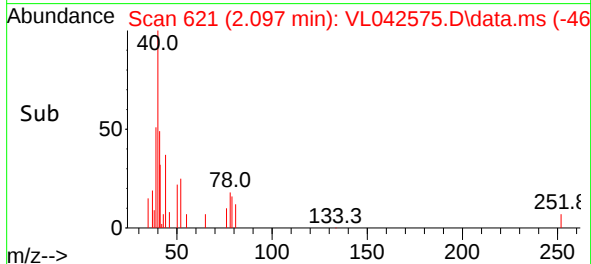


#21
 Allyl Chloride
 Concen: 0.058 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

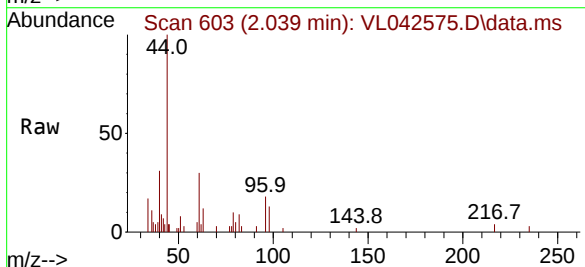
Instrument :
 MSVOA_L
 ClientSampleId :



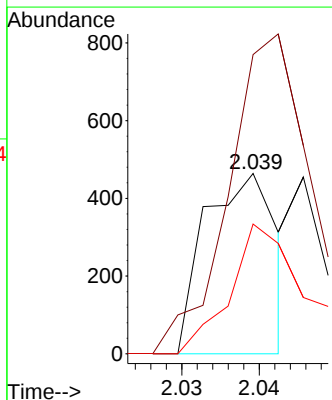
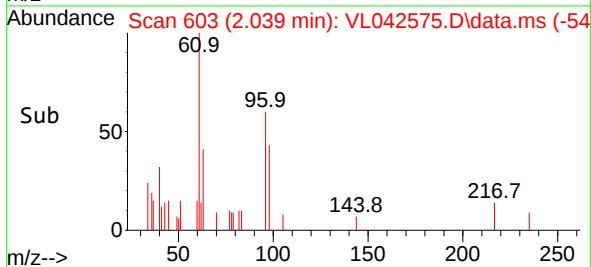
Tgt Ion: 41 Resp: 656
 Ion Ratio Lower Upper
 41 100
 76 29.0 30.2 45.4#
 39 110.8 62.5 93.7#

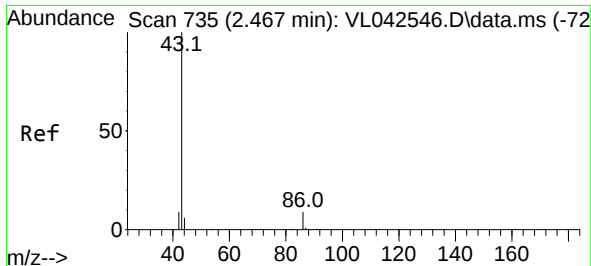


#22
 trans-1,2-Dichloroethene
 Concen: 0.030 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. -0.305 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27



Tgt Ion: 96 Resp: 298
 Ion Ratio Lower Upper
 96 100
 61 144.4 112.5 168.7
 98 72.0 49.0 73.4

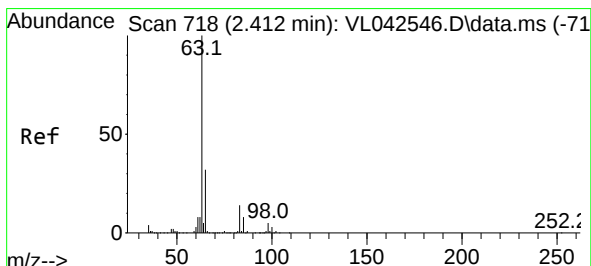
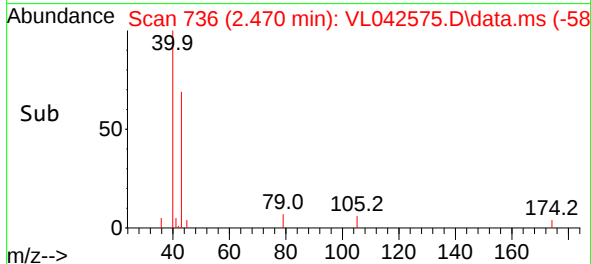
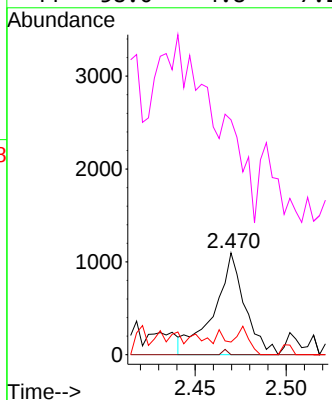
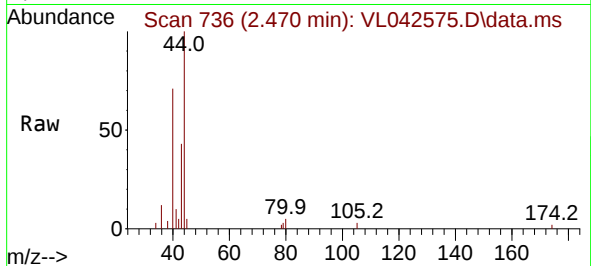




#23
 Vinyl Acetate
 Concen: 0.064 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

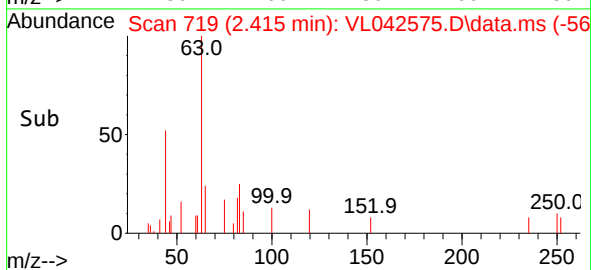
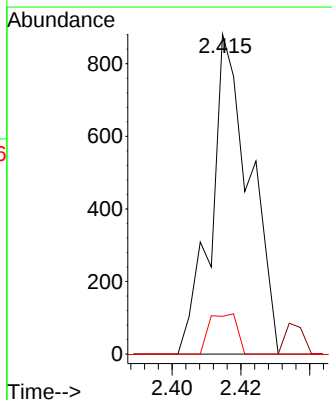
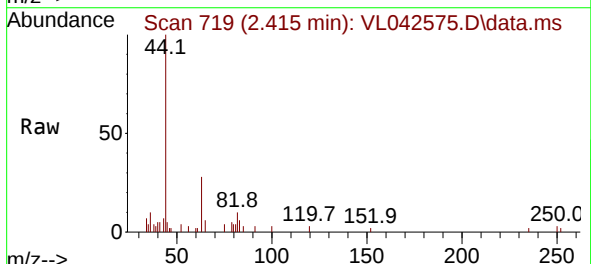
Instrument :
 MSVOA_L
 ClientSampleId :

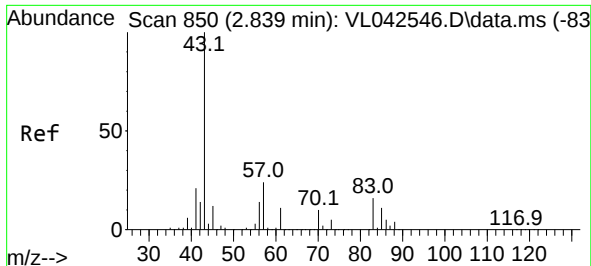
Tgt Ion: 43	Resp: 1285
Ion Ratio	Lower Upper
43 100	
86 0.0	7.0 10.6#
42 12.4	7.4 11.2#
44 58.0	4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 0.040 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

Tgt Ion: 63	Resp: 687
Ion Ratio	Lower Upper
63 100	
98 0.0	2.6 7.8#
100 11.8	1.8 5.3#

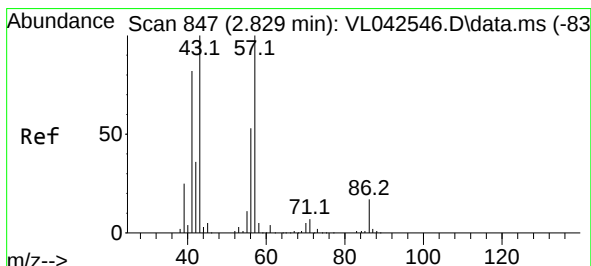
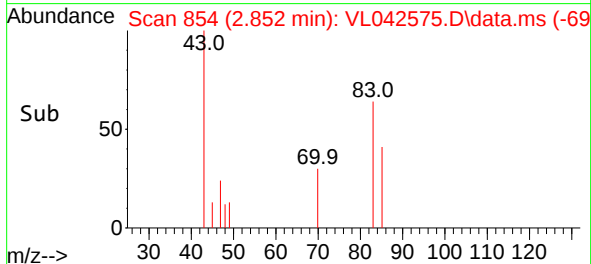
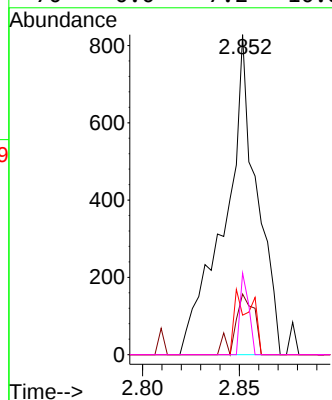
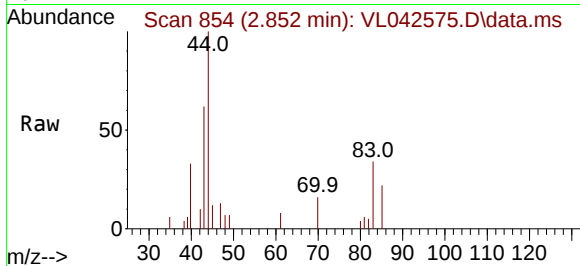




#25
Ethyl Acetate
Concen: 0.028 ppbv
RT: 2.852 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

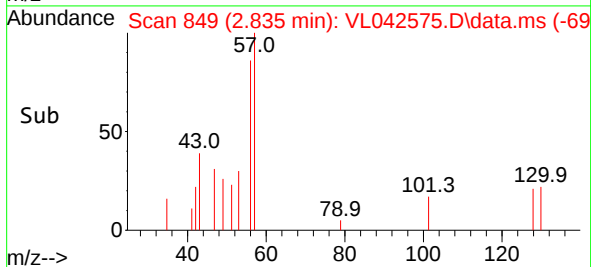
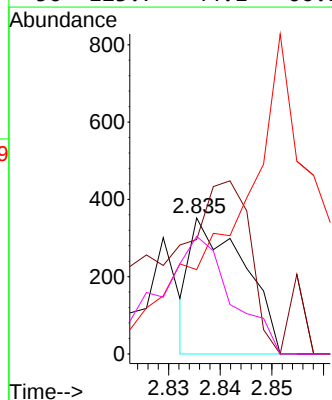
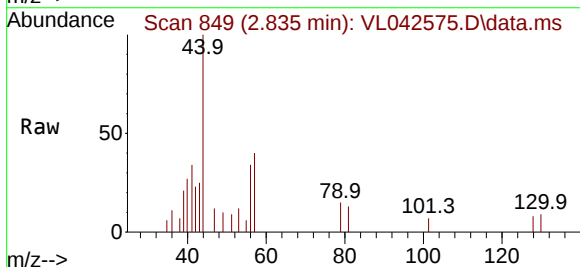
Instrument :
MSVOA_L
ClientSampleId :

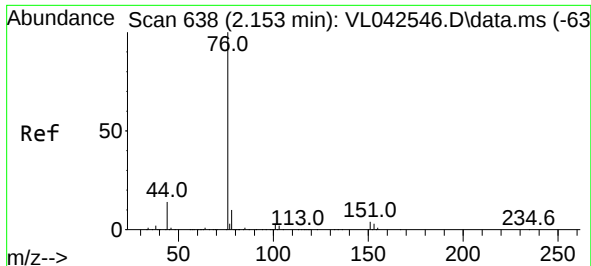
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
45 11.3 8.0 12.0
61 10.9 7.5 11.3
70 0.0 7.2 10.8#



#26
Hexane
Concen: 0.017 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 57 Resp: 253
Ion Ratio Lower Upper
57 100
41 239.9 69.0 103.4#
43 381.0 174.2 261.2#
56 123.7 44.1 66.1#





#27

Carbon Disulfide

Concen: 0.046 ppbv

RT: 2.159 min Scan# 640

Delta R.T. 0.006 min

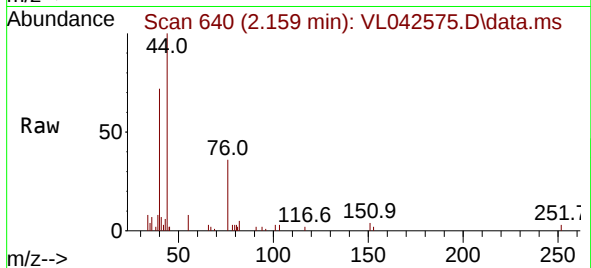
Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :



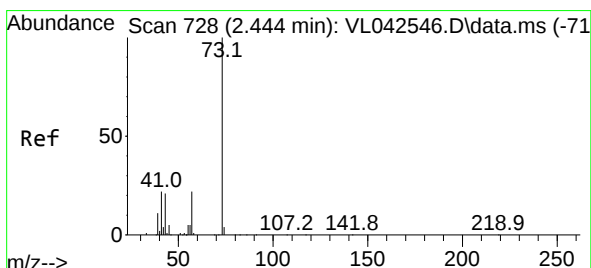
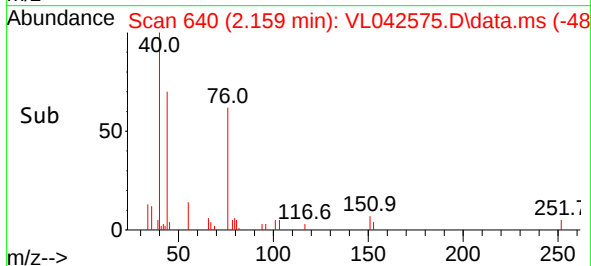
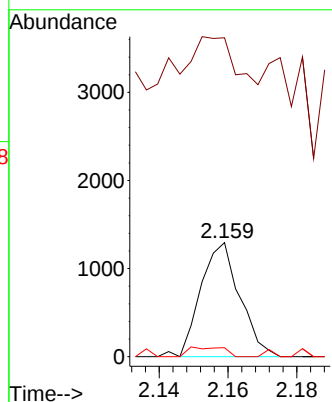
Tgt Ion: 76 Resp: 1012

Ion Ratio Lower Upper

76 100

44 884.7 14.0 21.0#

78 19.1 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.041 ppbv

RT: 2.457 min Scan# 732

Delta R.T. 0.013 min

Lab File: VL042575.D

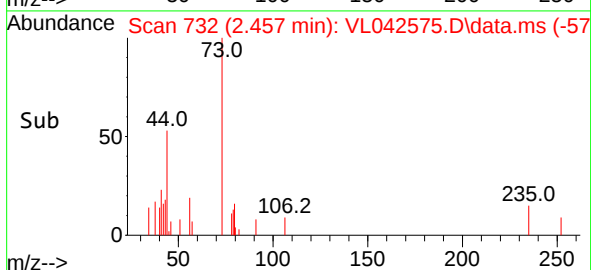
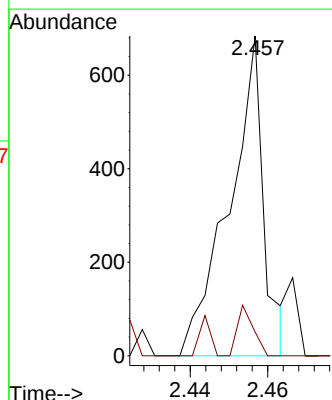
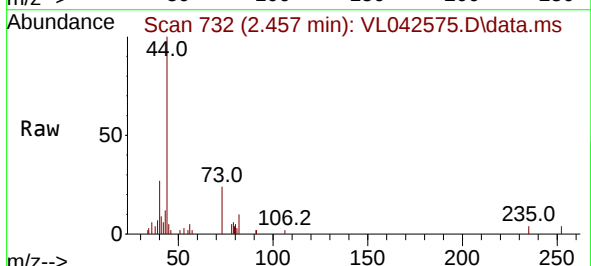
Acq: 22 May 2025 11:27

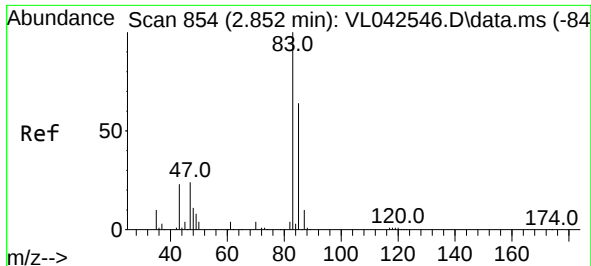
Tgt Ion: 73 Resp: 420

Ion Ratio Lower Upper

73 100

57 21.0 17.2 25.8





#29

Chloroform

Concen: 0.042 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

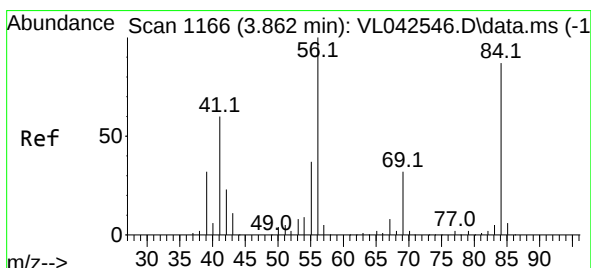
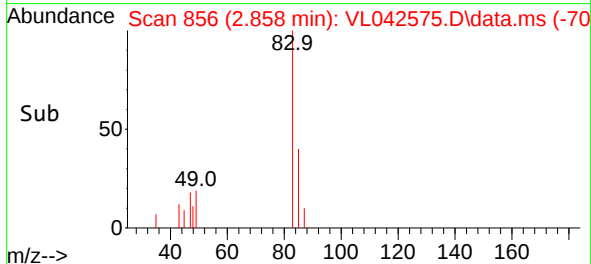
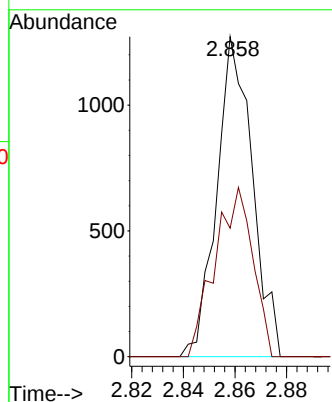
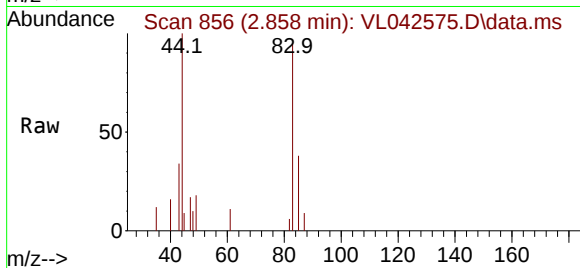
ClientSampleId :

Tgt Ion: 83 Resp: 1219

Ion Ratio Lower Upper

83 100

85 40.2 51.6 77.4#



#30

Cyclohexane

Concen: 0.010 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. 0.013 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

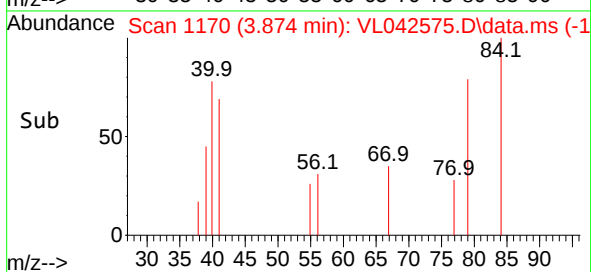
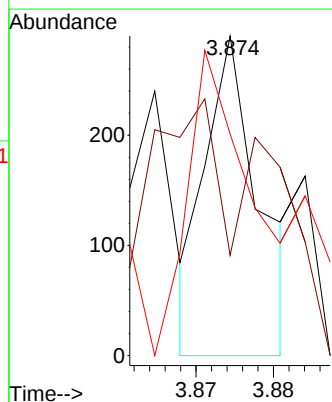
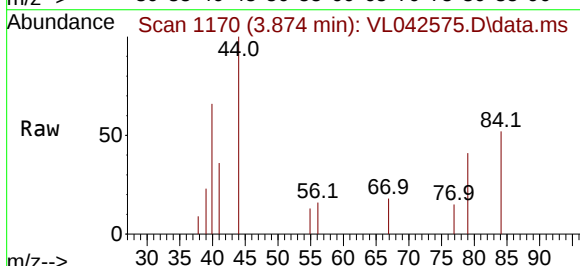
Tgt Ion: 84 Resp: 139

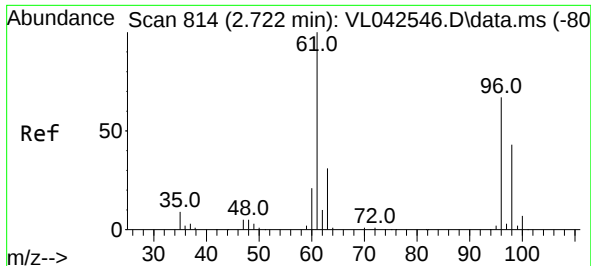
Ion Ratio Lower Upper

84 100

56 210.1 92.3 138.5#

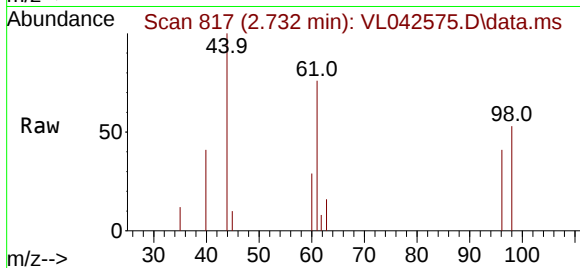
41 192.1 57.0 85.4#



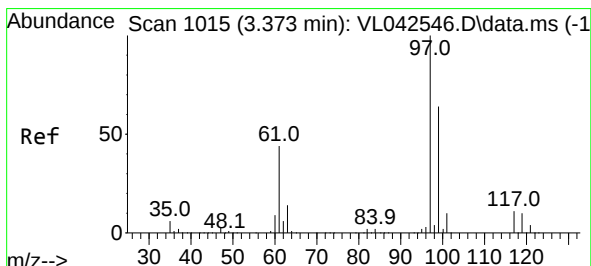
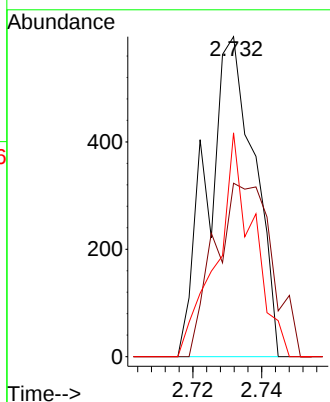
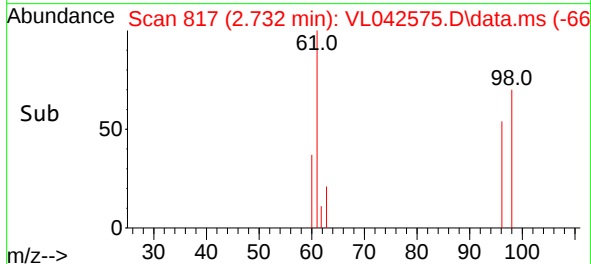


#31
 cis-1,2-Dichloroethene
 Concen: 0.034 ppbv
 RT: 2.732 min Scan# 814
 Delta R.T. 0.009 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

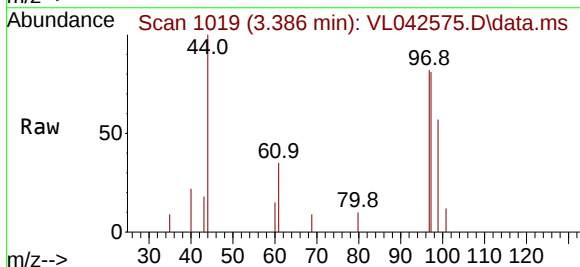
Instrument :
 MSVOA_L
 ClientSampleId :



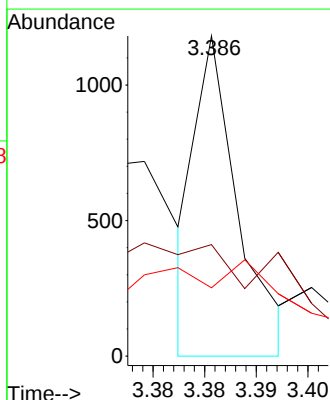
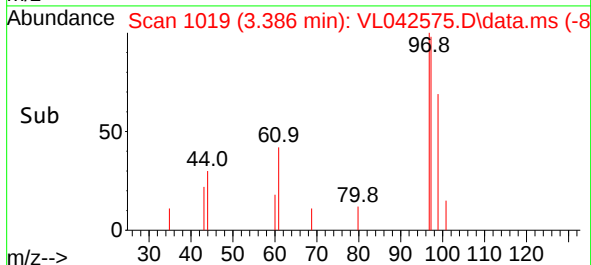
Tgt Ion: 61 Resp: 565
 Ion Ratio Lower Upper
 61 100
 96 48.9 53.8 80.8#
 98 63.1 34.5 51.7#

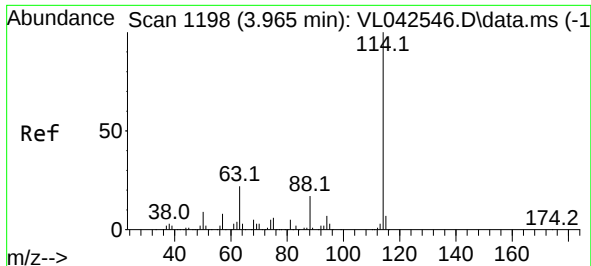


#32
 1,1,1-Trichloroethane
 Concen: 0.011 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. 0.013 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27



Tgt Ion: 97 Resp: 336
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3#
 61 132.1 35.7 53.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 1198

Delta R.T. 0.009 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

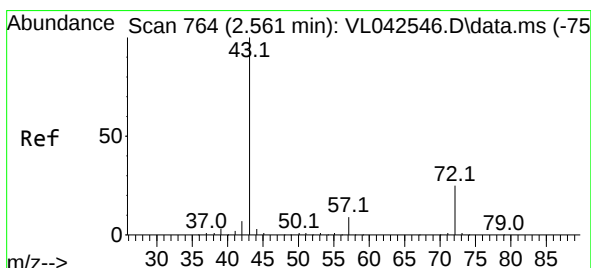
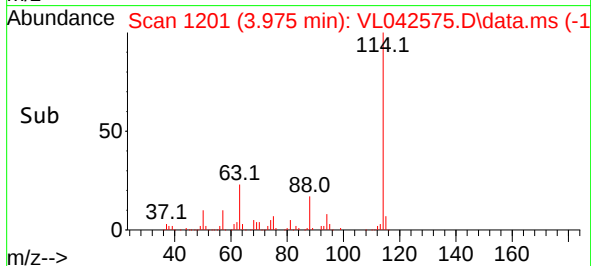
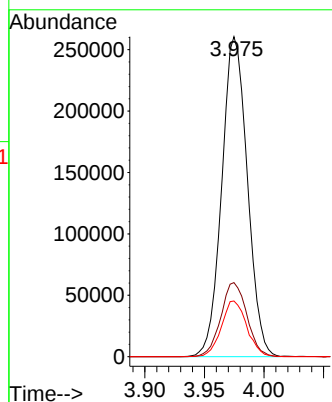
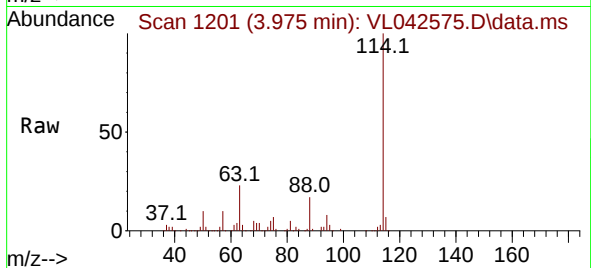
Tgt Ion:114 Resp: 388927

Ion Ratio Lower Upper

114 100

63 23.7 18.4 27.6

88 17.3 14.0 21.0



#34

2-Butanone

Concen: 0.018 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.006 min

Lab File: VL042575.D

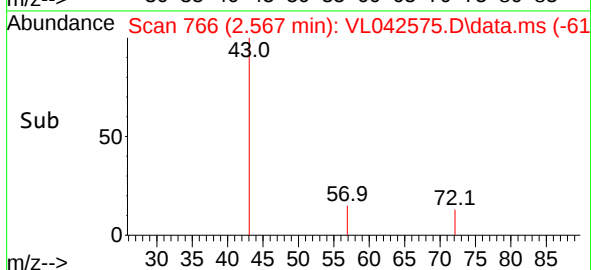
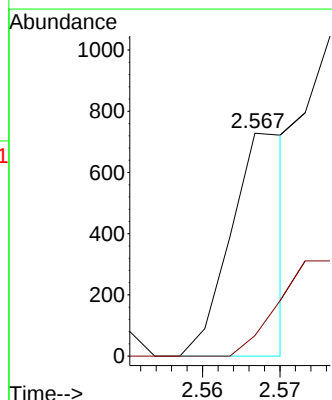
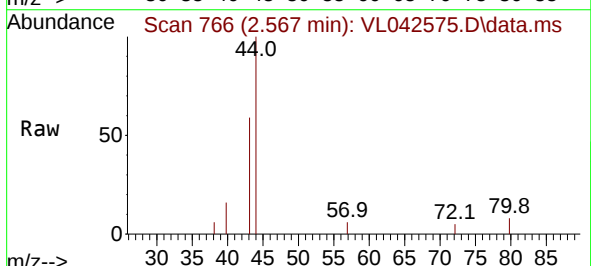
Acq: 22 May 2025 11:27

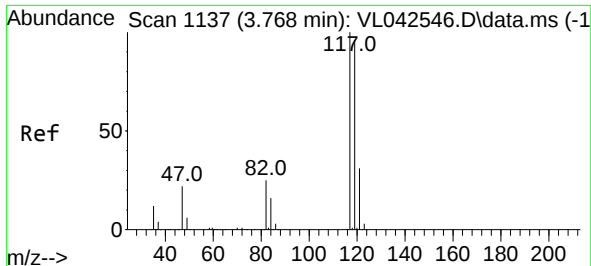
Tgt Ion: 43 Resp: 375

Ion Ratio Lower Upper

43 100

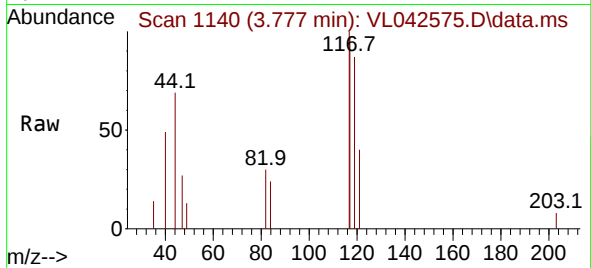
72 0.0 20.5 30.7#



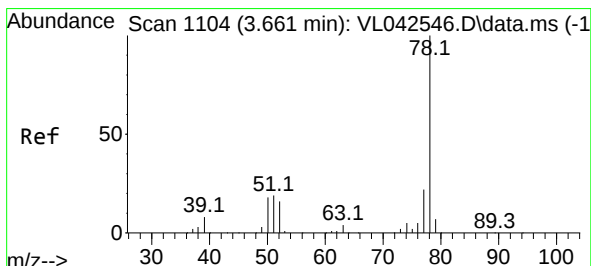
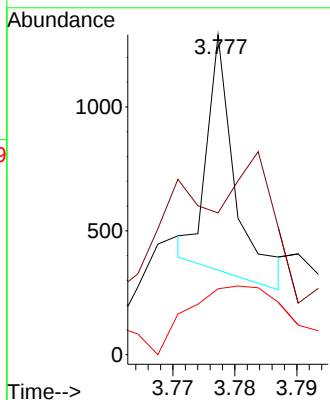
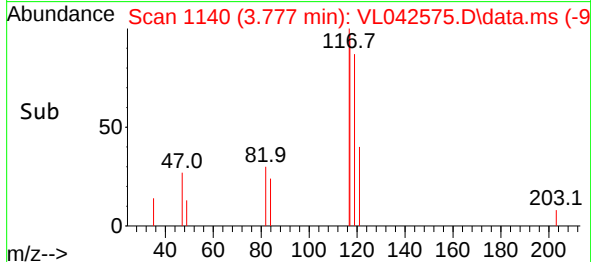


#35
Carbon Tetrachloride
Concen: 0.010 ppbv
RT: 3.777 min Scan# 1137
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

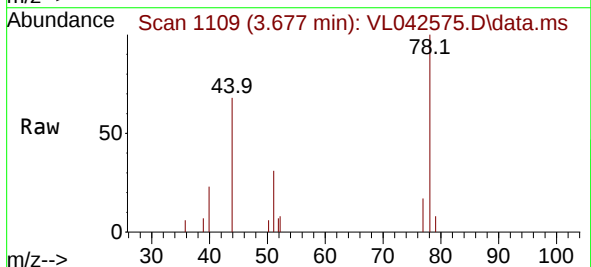
Instrument :
MSVOA_L
ClientSampleId :



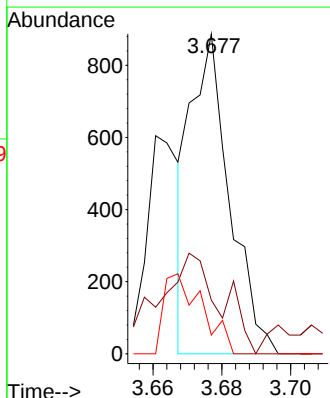
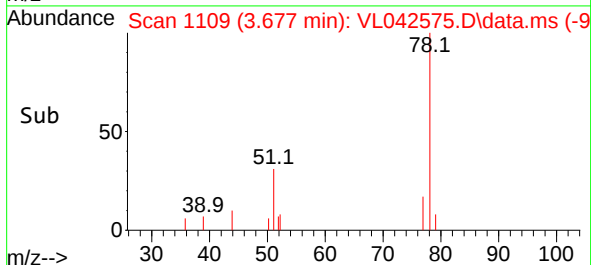
Tgt Ion:117 Resp: 289
Ion Ratio Lower Upper
117 100
119 6.3 76.6 114.8#
121 11.4 24.7 37.1#

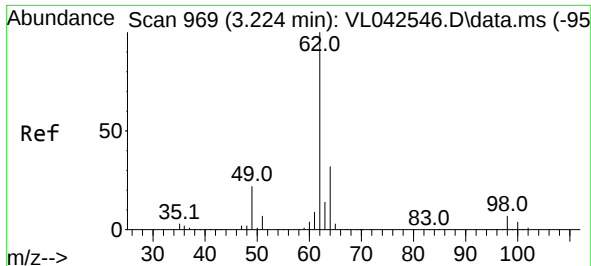


#36
Benzene
Concen: 0.022 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.016 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27



Tgt Ion: 78 Resp: 704
Ion Ratio Lower Upper
78 100
77 7.8 17.8 26.6#
50 5.9 14.0 21.0#





#37

1,2-Dichloroethane

Concen: 0.022 ppbv

RT: 3.230 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

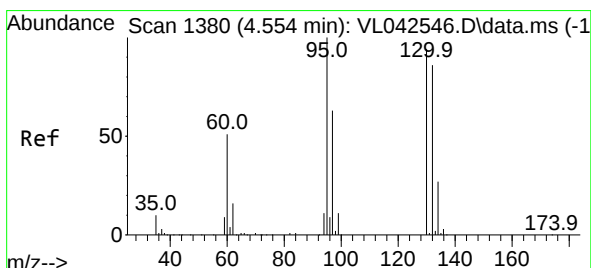
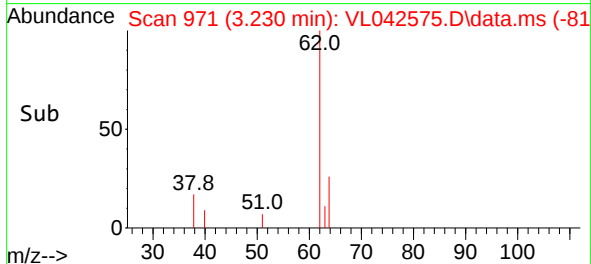
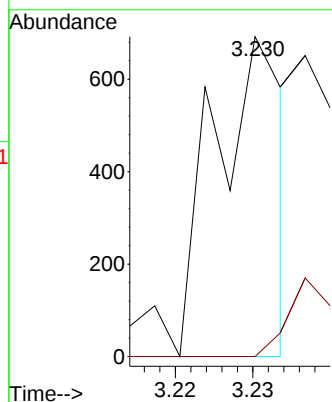
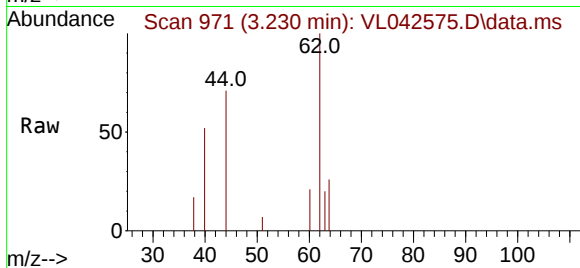
ClientSampleId :

Tgt Ion: 62 Resp: 430

Ion Ratio Lower Upper

62 100

98 0.0 5.5 8.3#



#38

Trichloroethene

Concen: 0.018 ppbv

RT: 4.570 min Scan# 1385

Delta R.T. 0.016 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Tgt Ion:130 Resp: 265

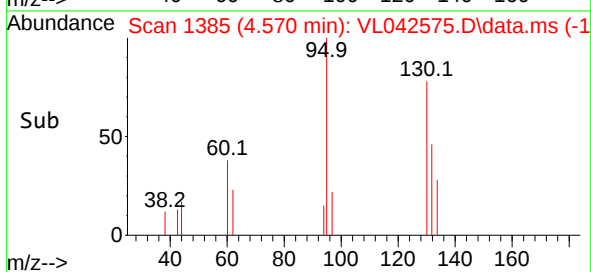
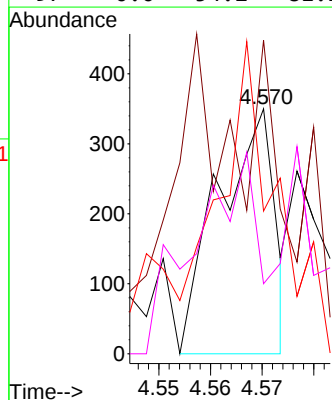
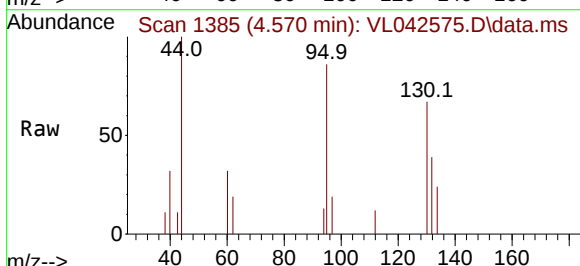
Ion Ratio Lower Upper

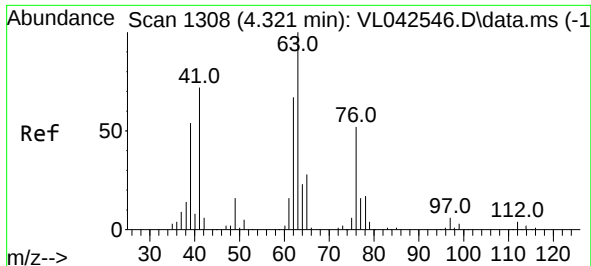
130 100

95 68.9 85.2 127.8#

132 36.6 73.4 110.2#

97 0.0 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 8.309 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.347 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

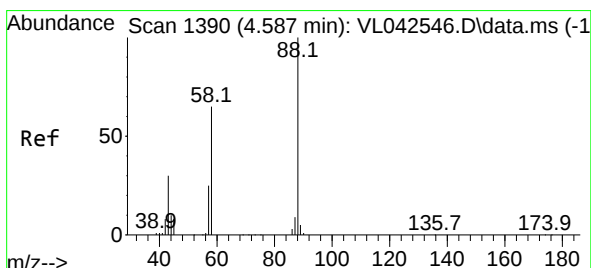
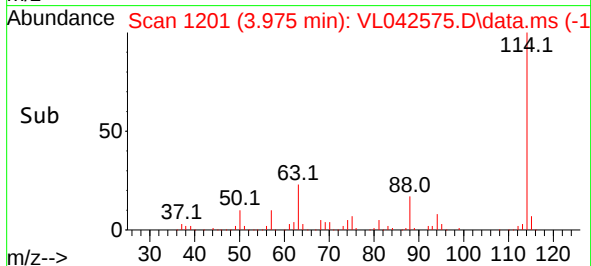
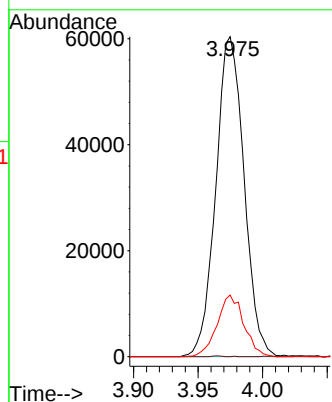
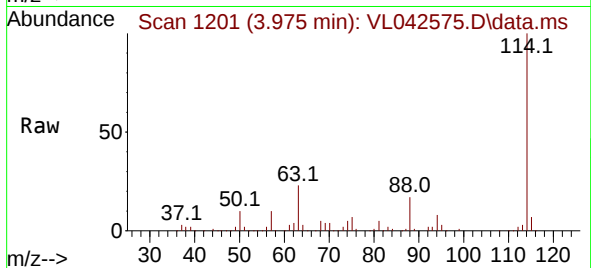
Tgt Ion: 63 Resp: 91792

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 19.3 53.3 79.9#



#40

1,4-Dioxane

Concen: 0.007 ppbv

RT: 4.651 min Scan# 1410

Delta R.T. 0.064 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Tgt Ion: 88 Resp: 36

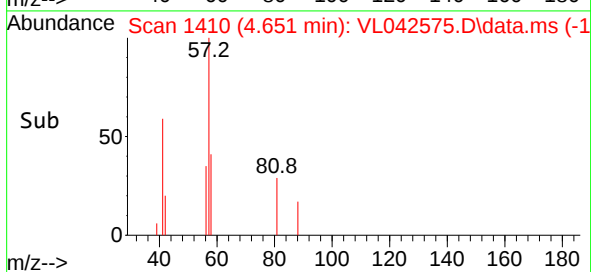
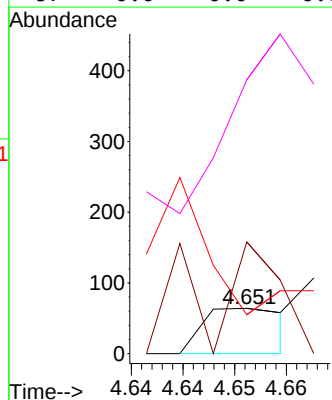
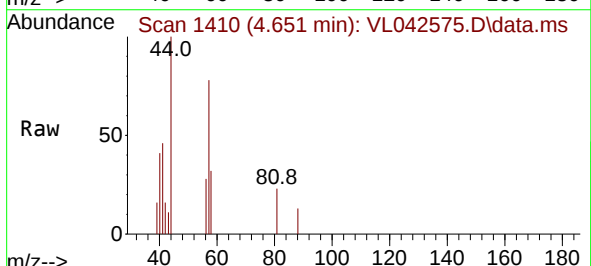
Ion Ratio Lower Upper

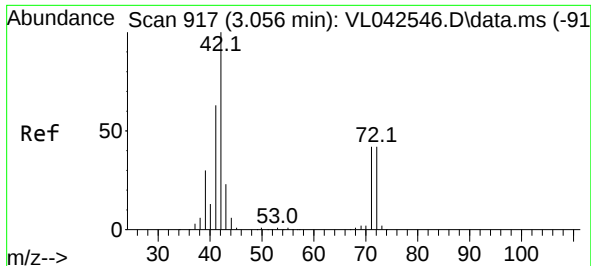
88 100

58 225.0 52.8 79.2#

43 733.3 23.0 34.4#

57 0.0 0.0 0.0

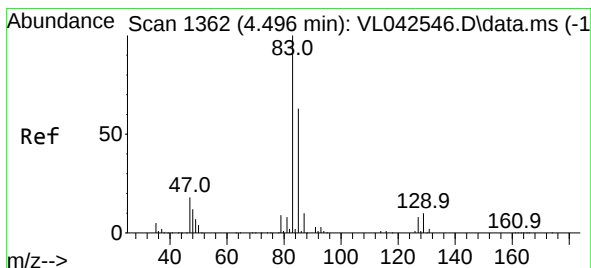
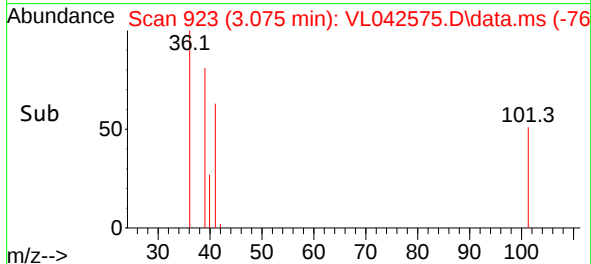
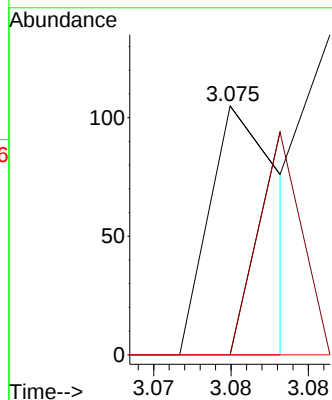
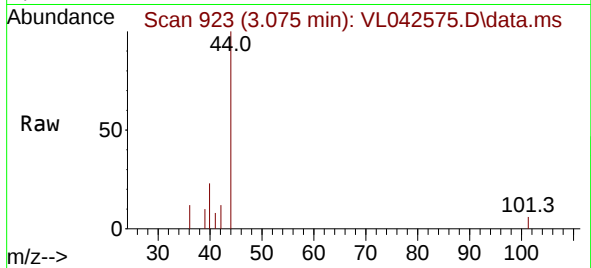




#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.075 min Scan# 917
Delta R.T. 0.019 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

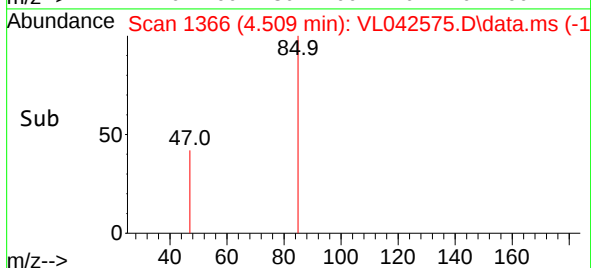
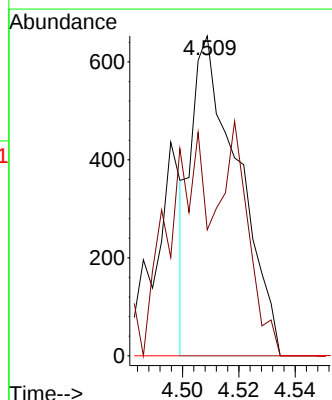
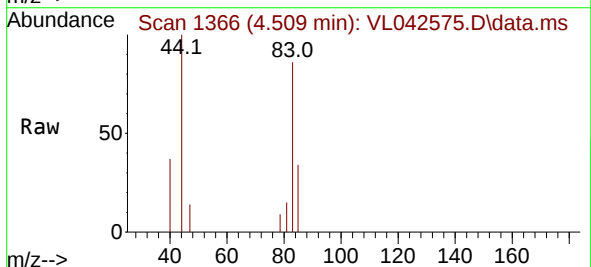
Instrument :
MSVOA_L
ClientSampleId :

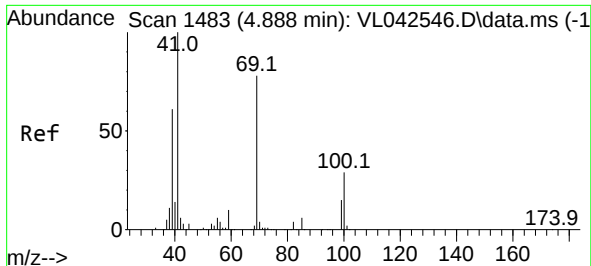
Tgt Ion: 42 Resp: 35
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 33.6 50.4#



#42
Bromodichloromethane
Concen: 0.028 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.013 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

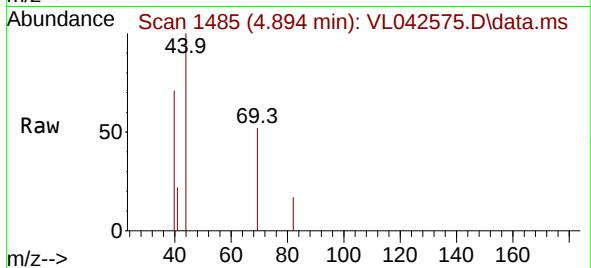
Tgt Ion: 83 Resp: 753
Ion Ratio Lower Upper
83 100
85 39.4 50.4 75.6#
127 0.0 6.5 9.7#



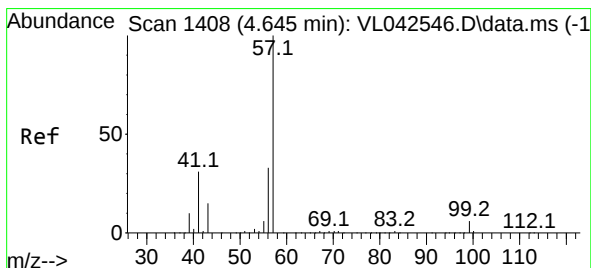
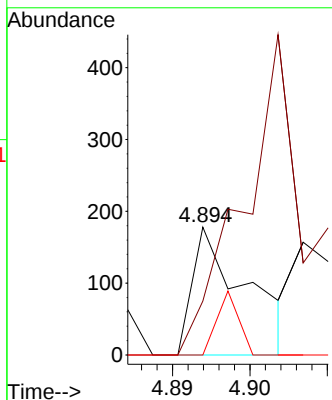
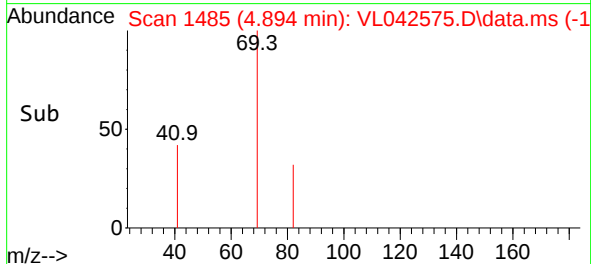


#43
Methyl Methacrylate
Concen: 0.008 ppbv
RT: 4.894 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

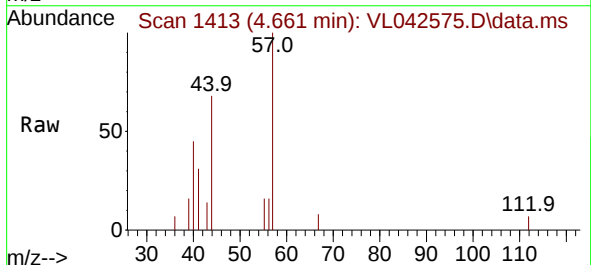
Instrument :
MSVOA_L
ClientSampleId :



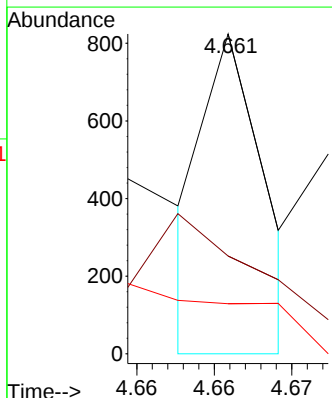
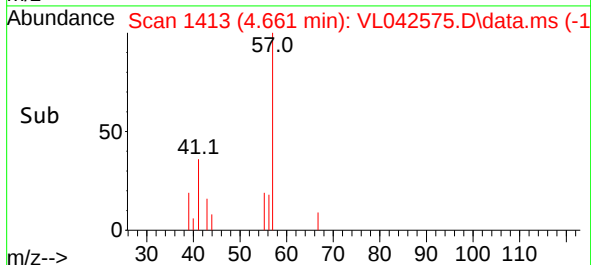
Tgt Ion: 69 Resp: 87
Ion Ratio Lower Upper
69 100
41 0.0 107.8 161.8#
100 33.3 30.3 45.5

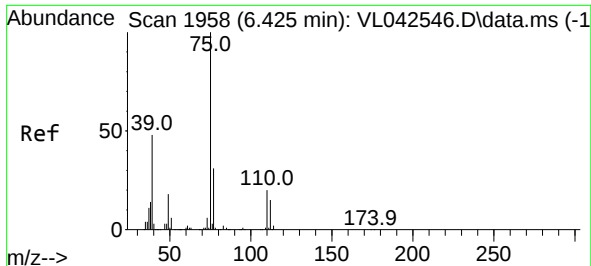


#44
2,2,4-Trimethylpentane
Concen: 0.005 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.016 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27



Tgt Ion: 57 Resp: 222
Ion Ratio Lower Upper
57 100
41 240.5 25.0 37.4#
56 0.0 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.007 ppbv

RT: 6.435 min Scan# 1958

Delta R.T. 0.009 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

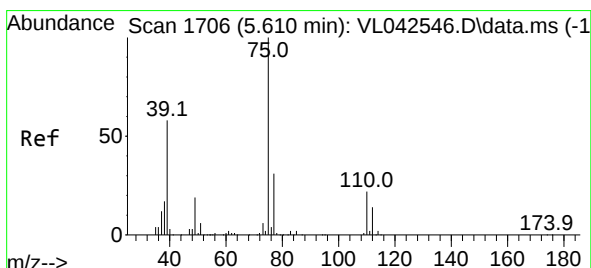
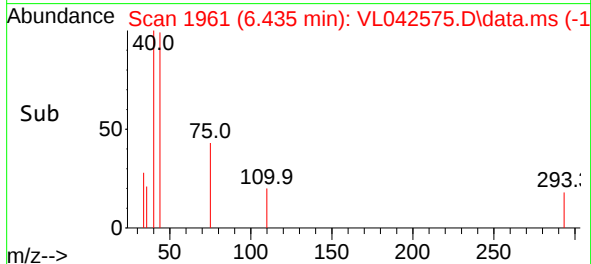
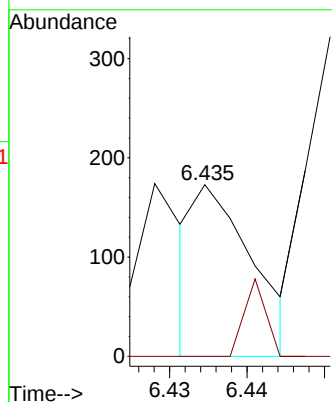
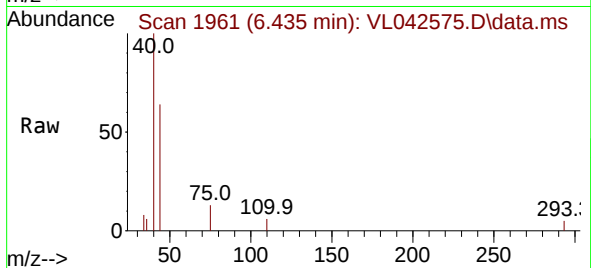
ClientSampleId :

Tgt Ion: 75 Resp: 90

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#



#46

cis-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 5.622 min Scan# 1710

Delta R.T. 0.013 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

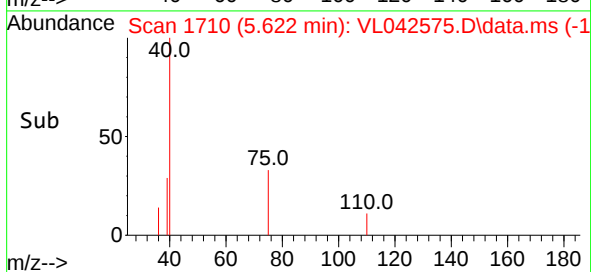
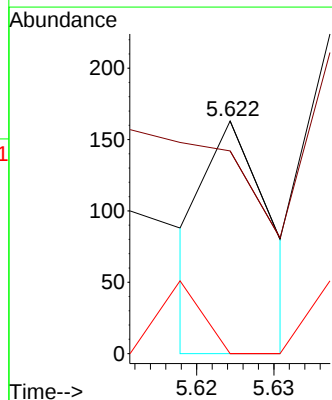
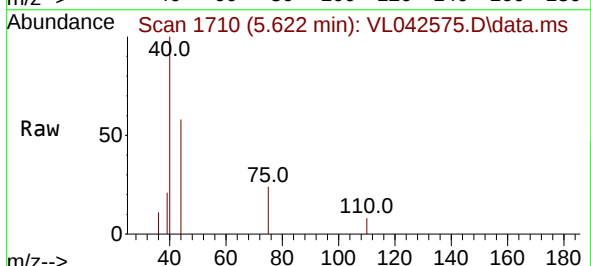
Tgt Ion: 75 Resp: 47

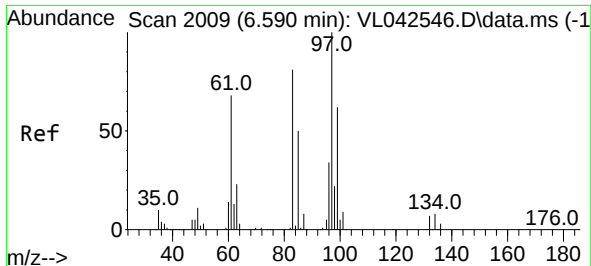
Ion Ratio Lower Upper

75 100

39 73.5 46.3 69.5#

77 0.0 25.0 37.6#





#47

1,1,2-Trichloroethane

Concen: 0.012 ppbv

RT: 6.600 min Scan# 2009

Delta R.T. 0.009 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 161

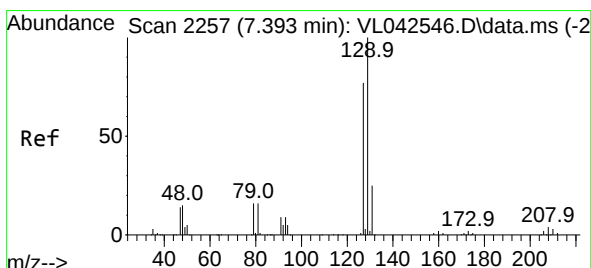
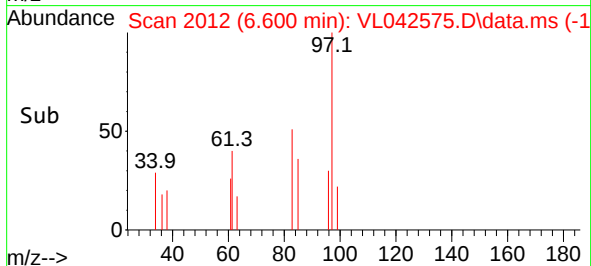
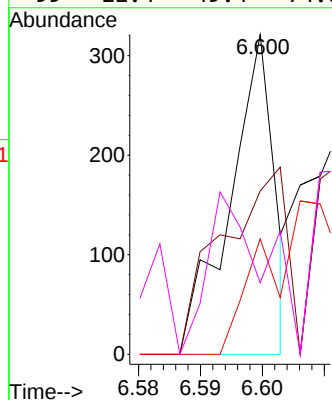
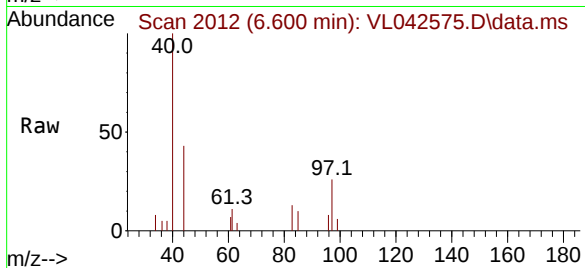
Ion Ratio Lower Upper

97 100

83 51.1 65.0 97.4#

85 36.1 39.9 59.9#

99 22.4 49.4 74.0#



#48

Dibromochloromethane

Concen: 0.009 ppbv

RT: 7.415 min Scan# 2264

Delta R.T. 0.022 min

Lab File: VL042575.D

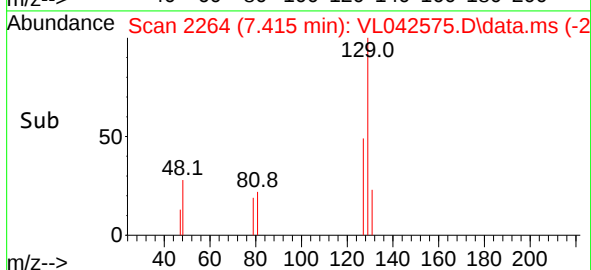
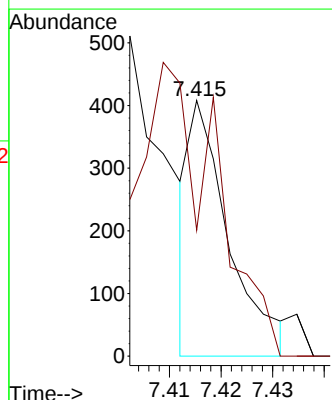
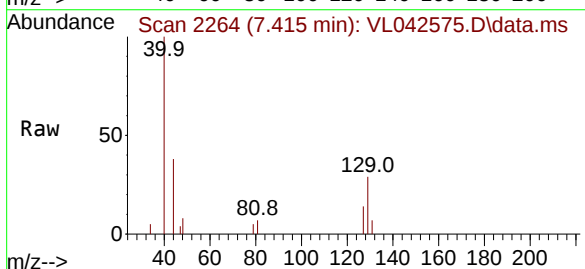
Acq: 22 May 2025 11:27

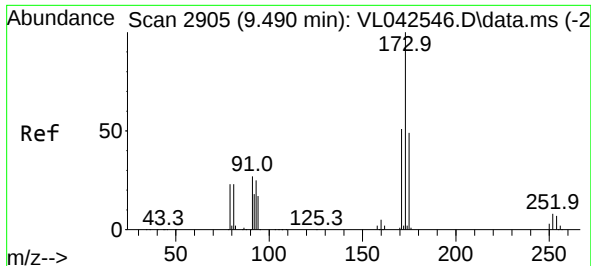
Tgt Ion: 129 Resp: 216

Ion Ratio Lower Upper

129 100

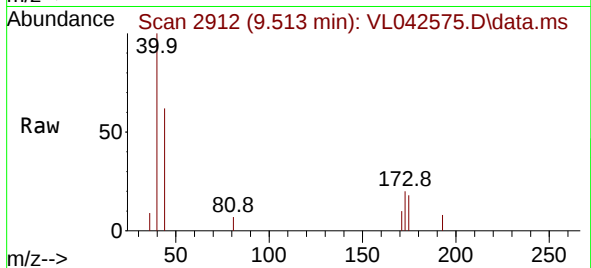
127 316.2 39.0 117.0#



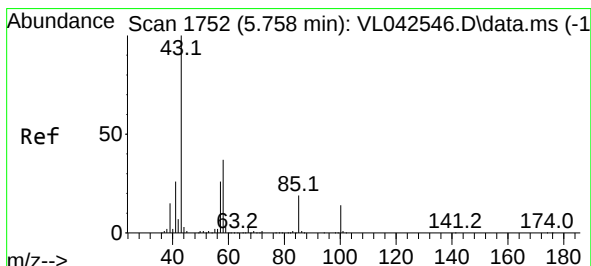
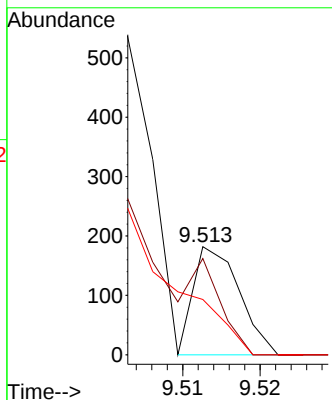
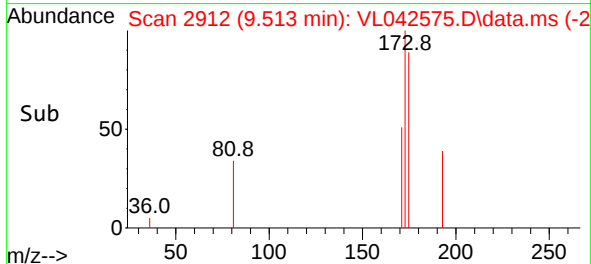


#49
Bromoform
Concen: 0.004 ppbv
RT: 9.513 min Scan# 2905
Delta R.T. 0.022 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Instrument :
MSVOA_L
ClientSampleId :

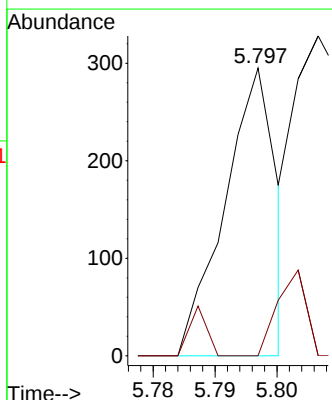
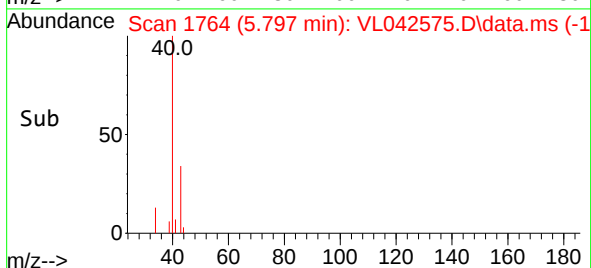
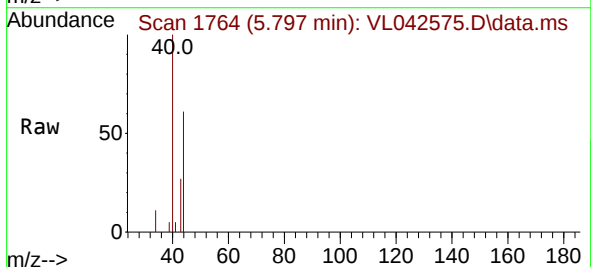


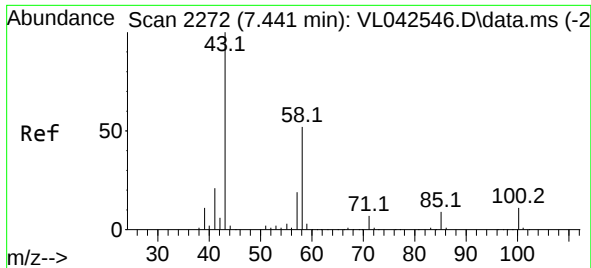
Tgt Ion:173 Resp: 76
Ion Ratio Lower Upper
173 100
175 0.0 39.2 58.8#
171 0.0 41.9 62.9#



#50
4-Methyl-2-Pentanone
Concen: 0.007 ppbv
RT: 5.797 min Scan# 1764
Delta R.T. 0.039 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#

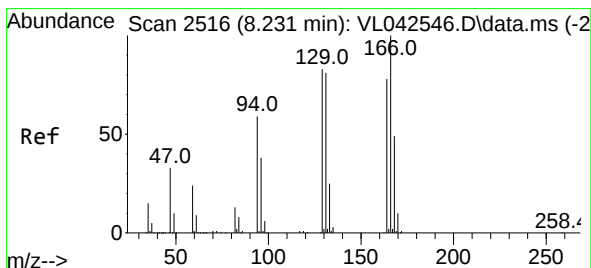
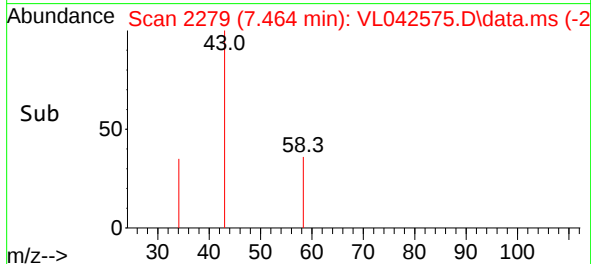
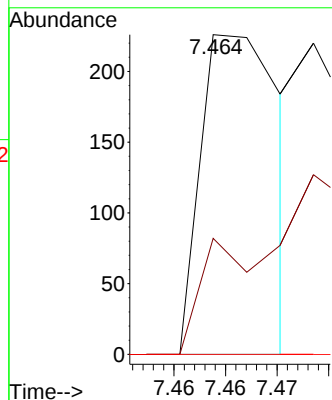
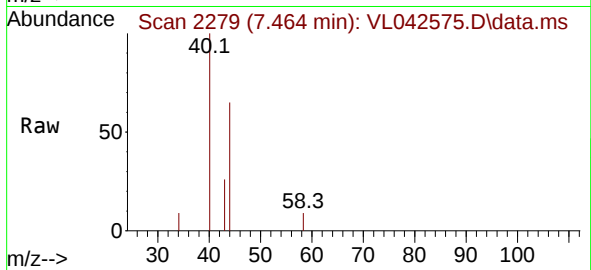




#51
2-Hexanone
Concen: 0.007 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

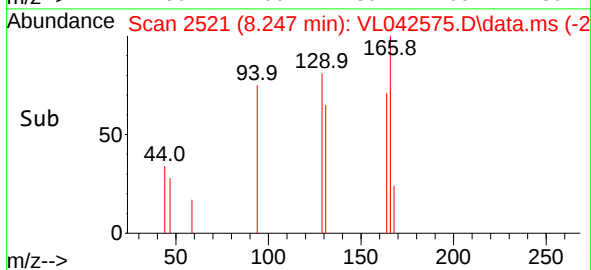
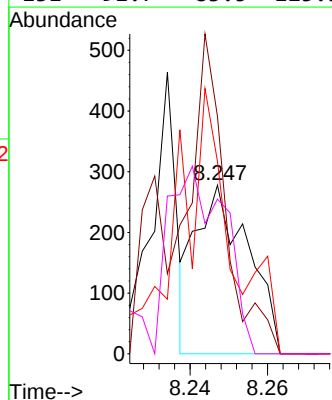
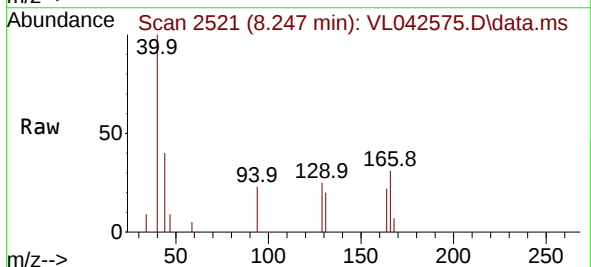
Instrument :
MSVOA_L
ClientSampleId :

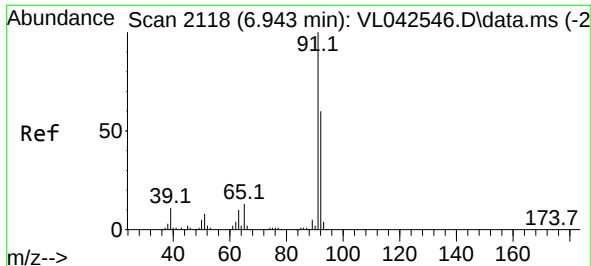
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 0.0 41.4 62.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.021 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.016 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 164 Resp: 260
Ion Ratio Lower Upper
164 100
166 140.6 103.1 154.7
129 114.0 85.3 127.9
131 91.7 83.5 125.3

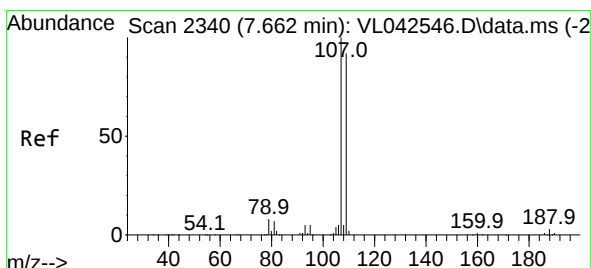
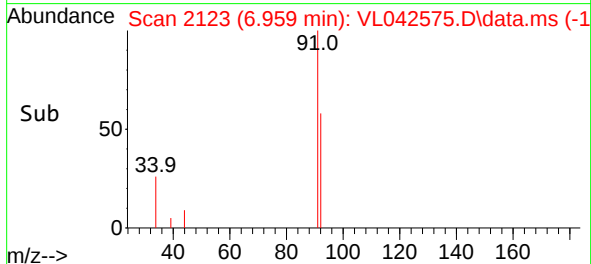
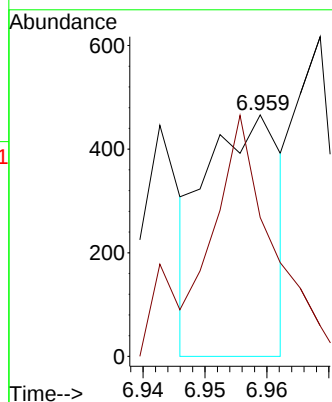
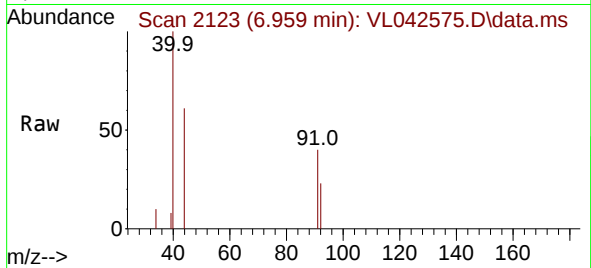




#53
Toluene
Concen: 0.012 ppbv
RT: 6.959 min Scan# 2118
Delta R.T. 0.016 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

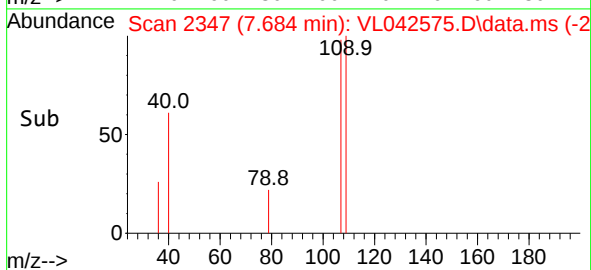
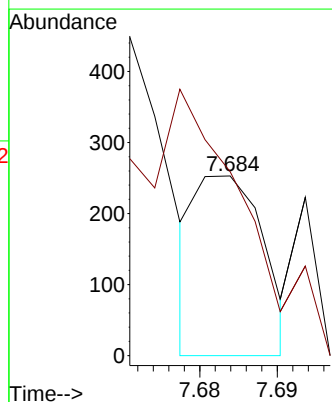
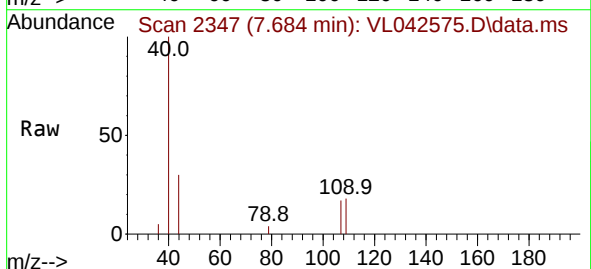
Instrument :
MSVOA_L
ClientSampleId :

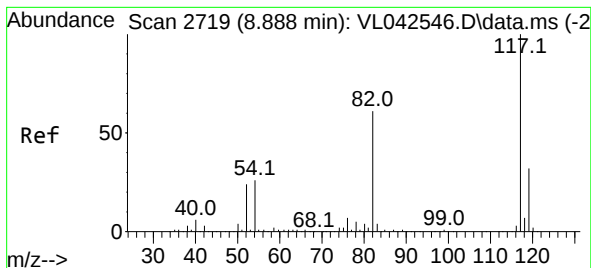
Tgt Ion: 91 Resp: 389
Ion Ratio Lower Upper
91 100
92 105.9 47.8 71.8#



#54
1,2-Dibromoethane
Concen: 0.008 ppbv
RT: 7.684 min Scan# 2347
Delta R.T. 0.022 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 107 Resp: 154
Ion Ratio Lower Upper
107 100
109 113.2 73.4 110.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

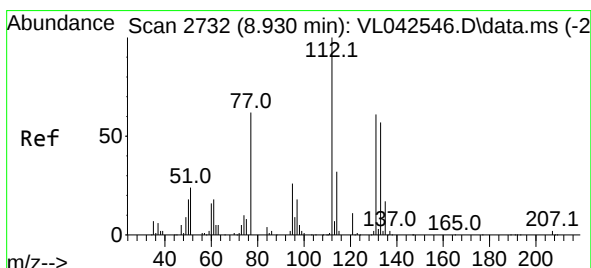
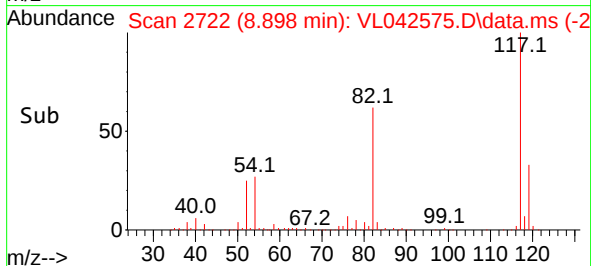
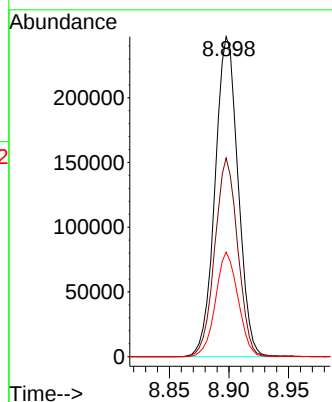
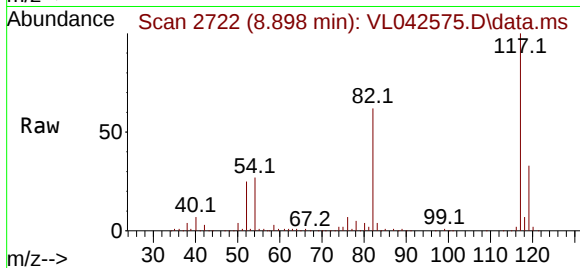
Tgt Ion:117 Resp: 331913

Ion Ratio Lower Upper

117 100

82 61.8 51.0 76.4

119 32.2 27.0 40.4



#56

1,1,1,2-Tetrachloroethane

Concen: 0.018 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.016 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

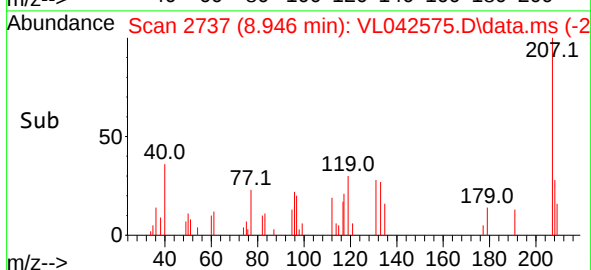
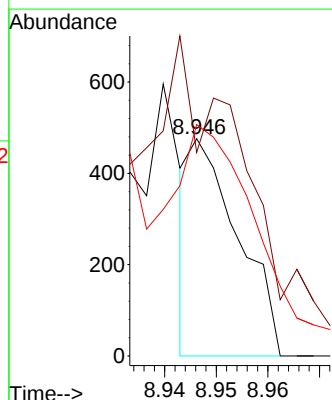
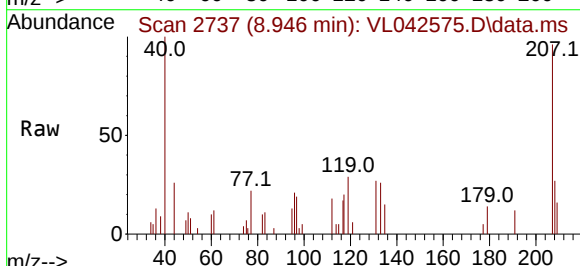
Tgt Ion:131 Resp: 310

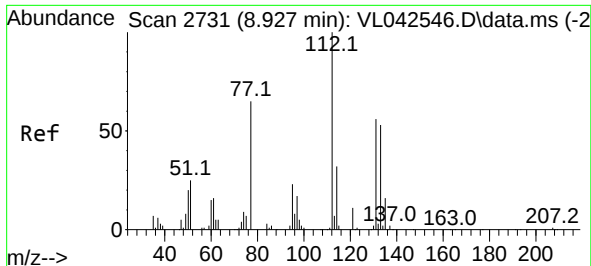
Ion Ratio Lower Upper

131 100

133 325.5 76.3 114.5#

119 0.0 47.5 71.3#

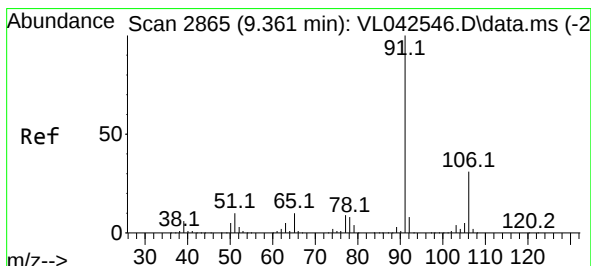
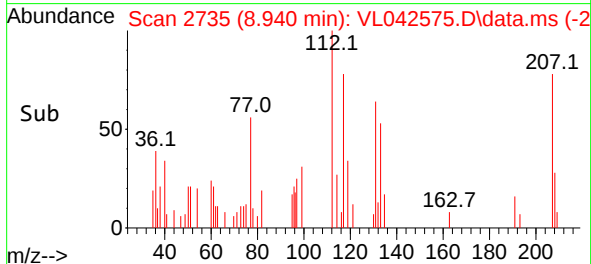
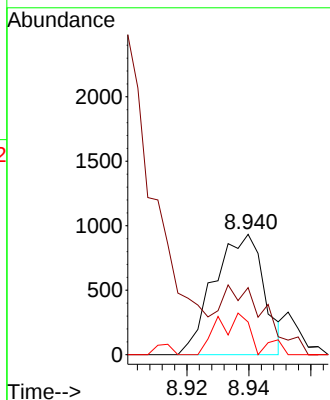
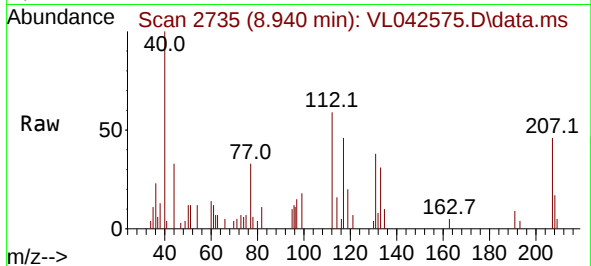




#57
Chlorobenzene
Concen: 0.035 ppbv
RT: 8.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

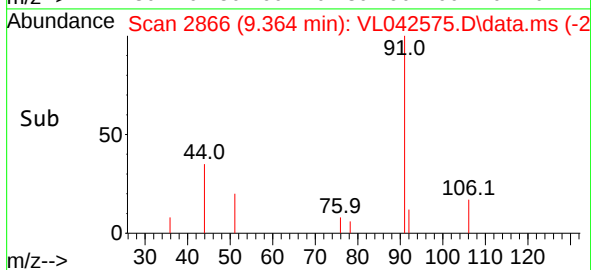
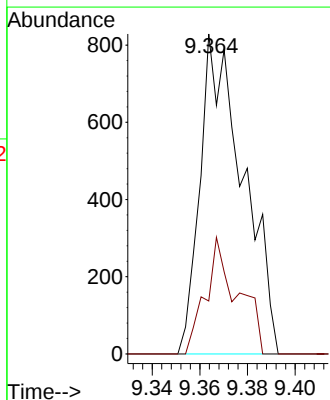
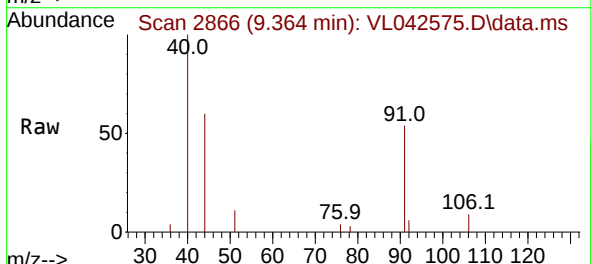
Instrument :
MSVOA_L
ClientSampleId :

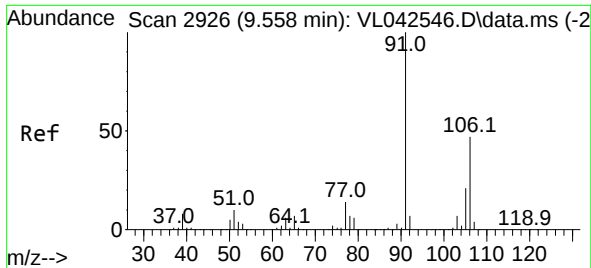
Tgt Ion:112 Resp: 1047
Ion Ratio Lower Upper
112 100
77 40.7 53.2 79.8#
114 27.2 28.4 34.8#



#58
Ethyl Benzene
Concen: 0.024 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.003 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 91 Resp: 1037
Ion Ratio Lower Upper
91 100
106 16.5 24.6 37.0#

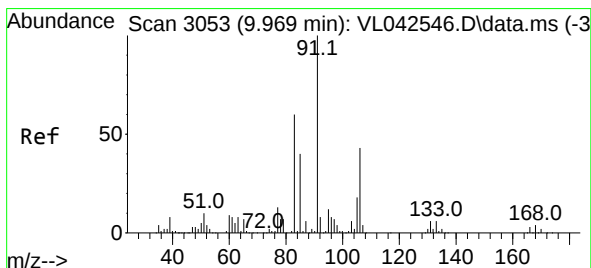
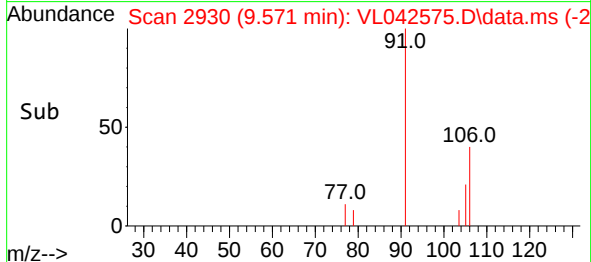
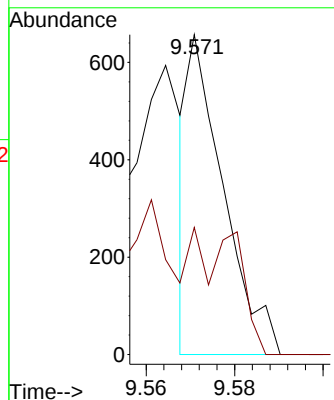
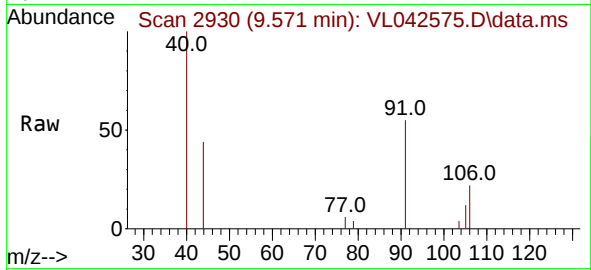




#59
m/p-Xylene
Concen: 0.010 ppbv
RT: 9.571 min Scan# 2926
Delta R.T. 0.013 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

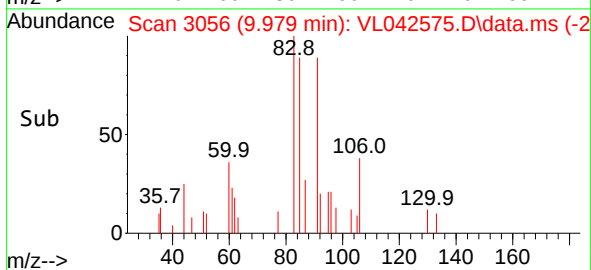
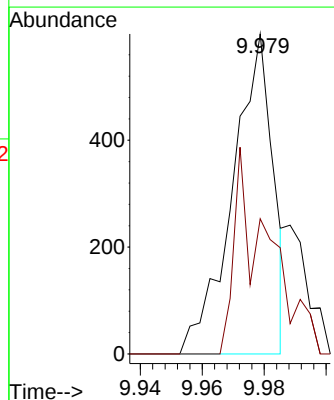
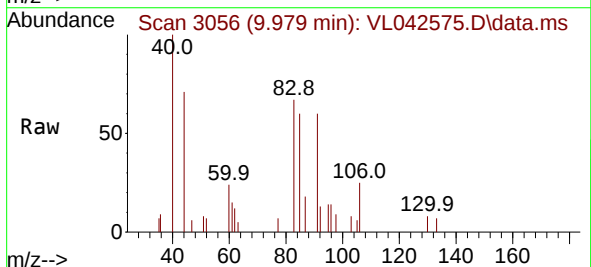
Instrument :
MSVOA_L
ClientSampleId :

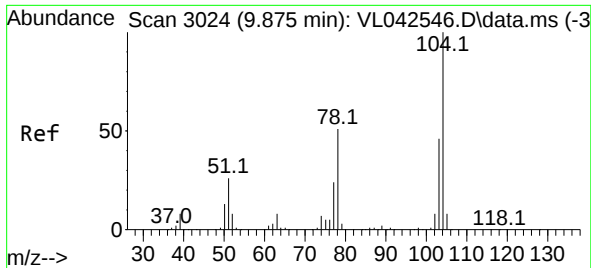
Tgt Ion: 91 Resp: 366
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#



#60
o-Xylene
Concen: 0.015 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 91 Resp: 545
Ion Ratio Lower Upper
91 100
106 54.1 21.6 64.8

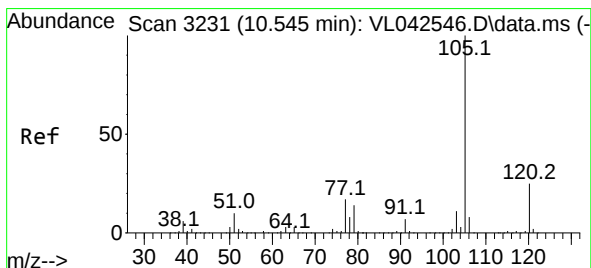
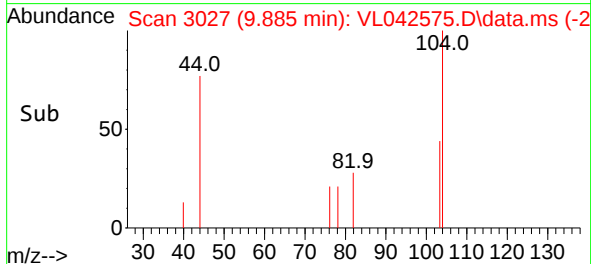
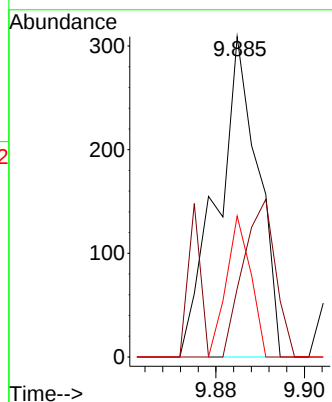
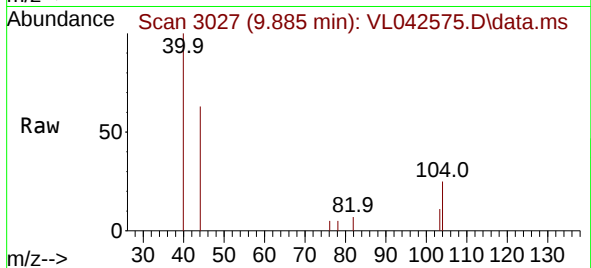




#61
Styrene
Concen: 0.014 ppbv
RT: 9.885 min Scan# 3024
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

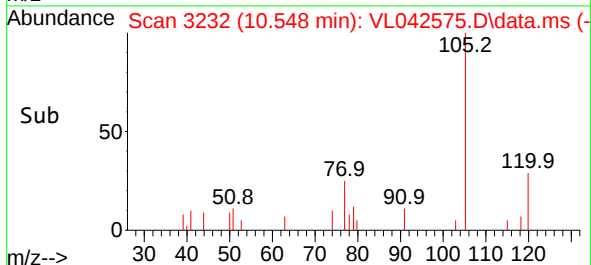
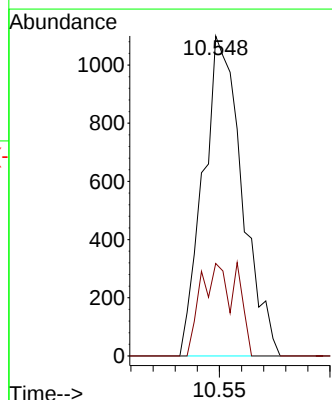
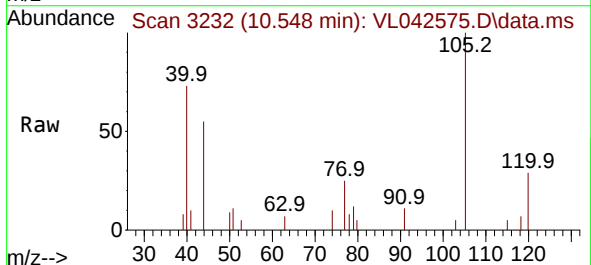
Instrument :
MSVOA_L
ClientSampleId :

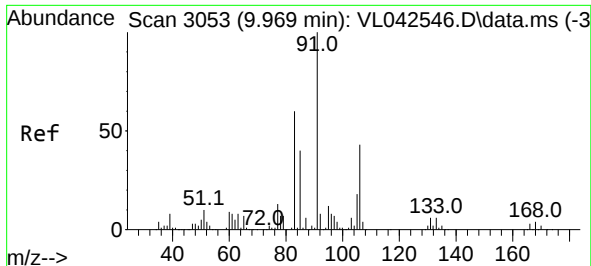
Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.5	39.2	58.8
103	26.3	37.1	55.7



#62
Isopropylbenzene
Concen: 0.024 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.003 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

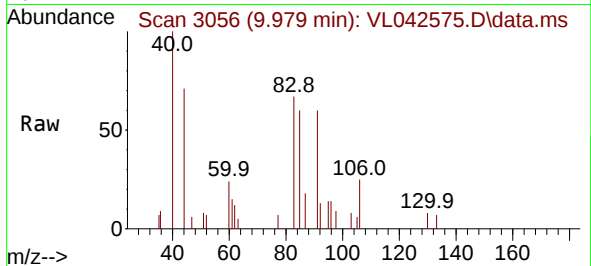
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.0	30.0



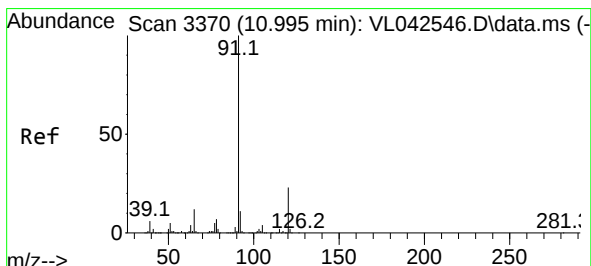
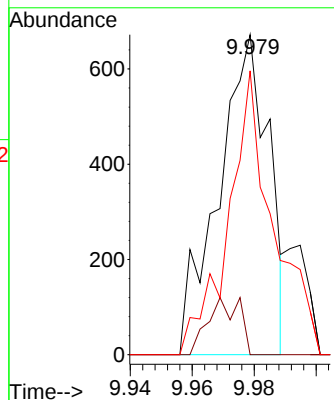
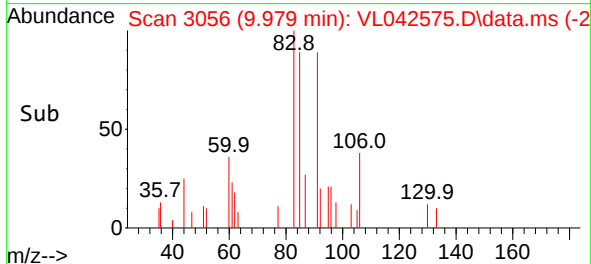


#63
1,1,2,2-Tetrachloroethane
Concen: 0.031 ppbv
RT: 9.979 min Scan# 3053
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

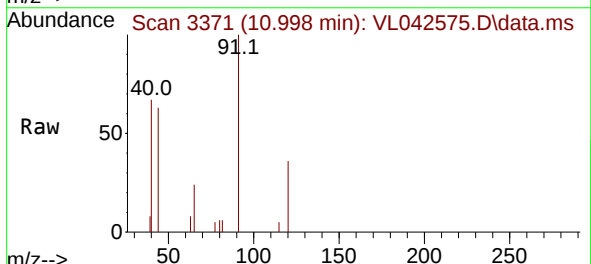
Instrument :
MSVOA_L
ClientSampleId :



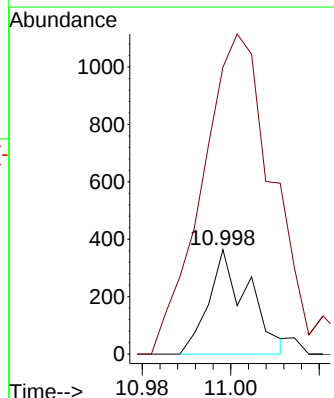
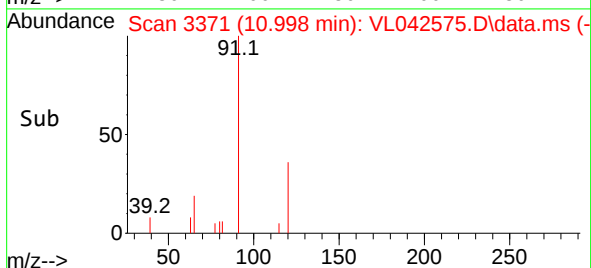
Tgt Ion: 83 Resp: 761
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 78.6 32.5 97.4

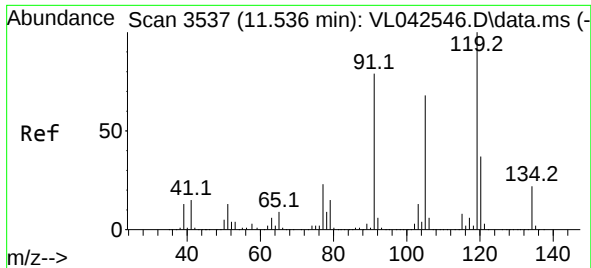


#64
n-propylbenzene
Concen: 0.016 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.003 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27



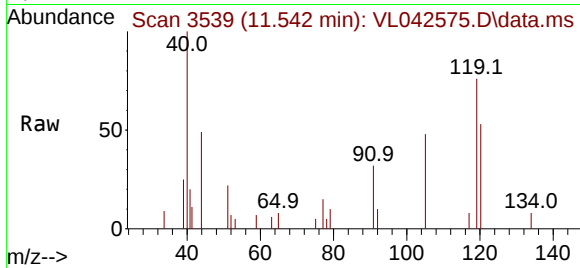
Tgt Ion: 120 Resp: 229
Ion Ratio Lower Upper
120 100
91 552.8 367.0 550.4#



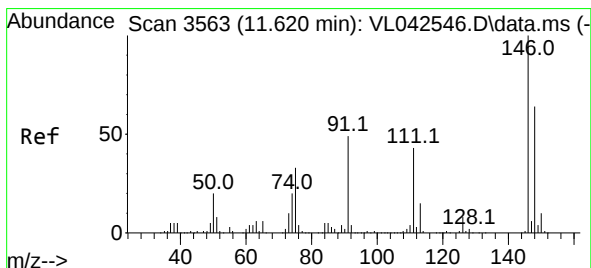
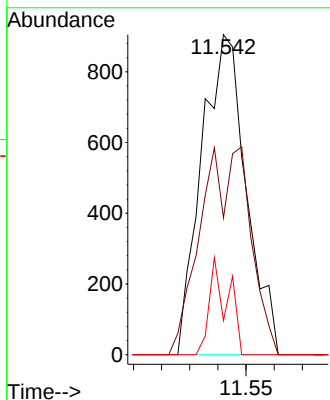
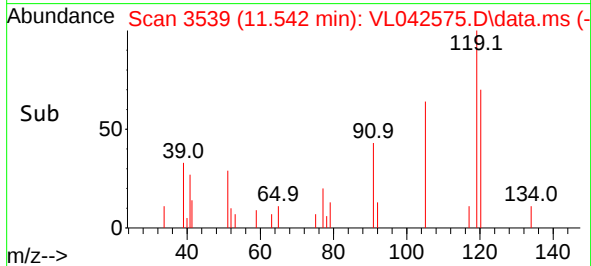


#65
tert-Butylbenzene
Concen: 0.020 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

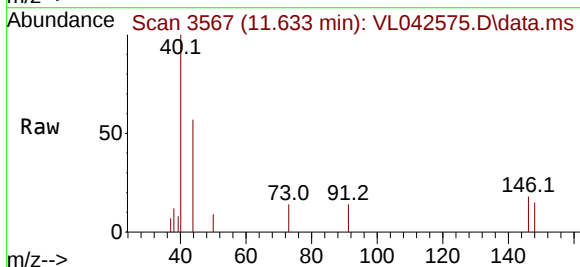
Instrument :
MSVOA_L
ClientSampleId :



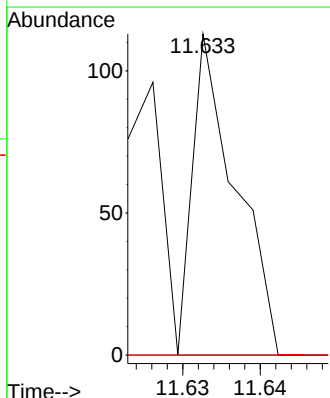
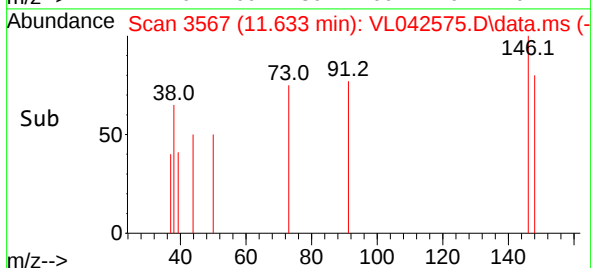
Tgt Ion:119 Resp: 997
Ion Ratio Lower Upper
119 100
91 72.1 62.7 94.1
134 12.6 16.8 25.2#

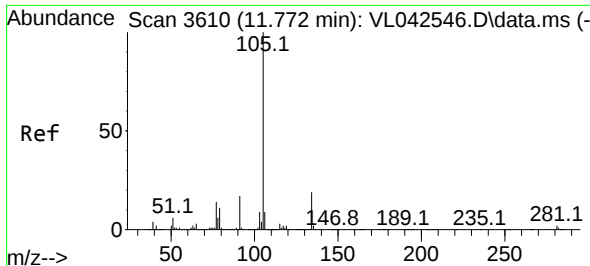


#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. 0.013 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27



Tgt Ion: 91 Resp: 44
Ion Ratio Lower Upper
91 100
126 0.0 14.2 21.2#
128 0.0 4.6 6.8#

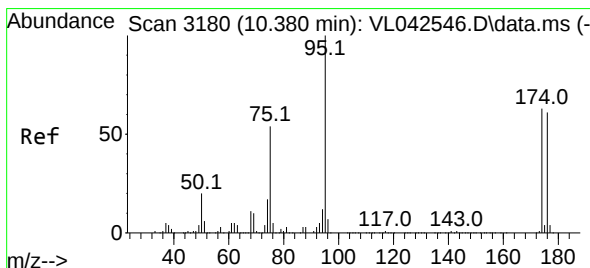
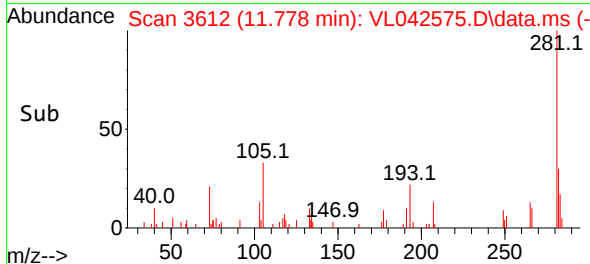
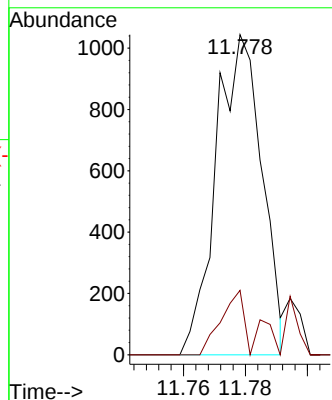
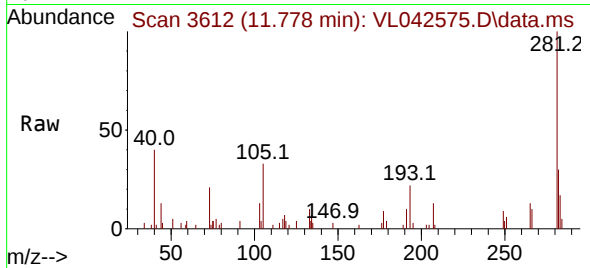




#67
 sec-Butylbenzene
 Concen: 0.015 ppbv
 RT: 11.778 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

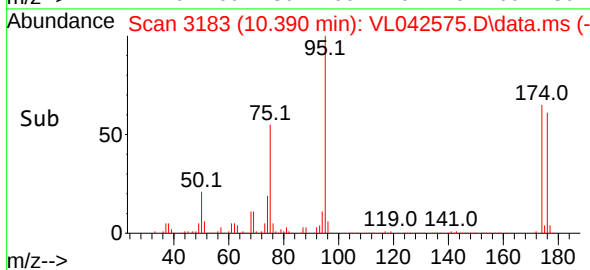
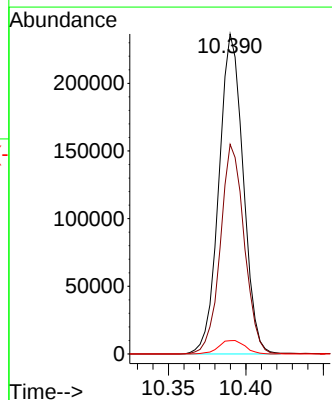
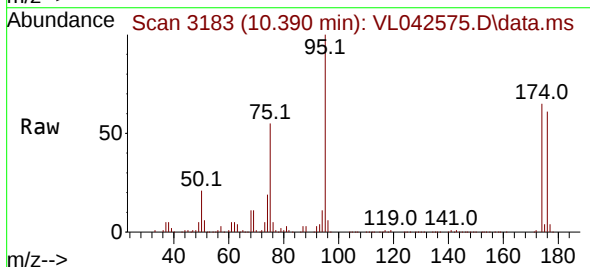
Instrument :
 MSVOA_L
 ClientSampleId :

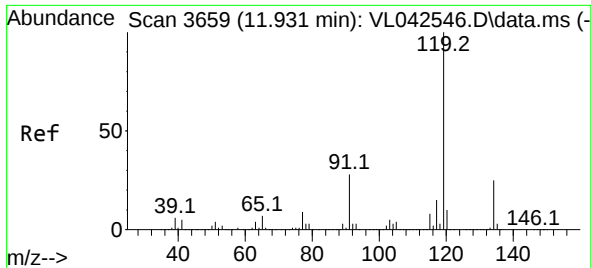
Tgt Ion:105 Resp: 1071
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.710 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.009 min
 Lab File: VL042575.D
 Acq: 22 May 2025 11:27

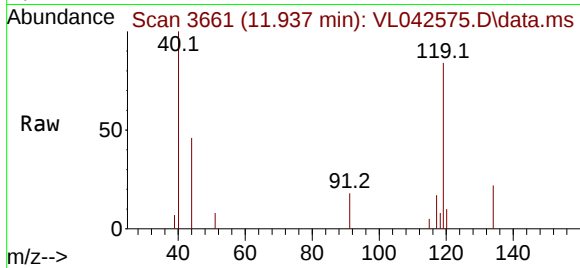
Tgt Ion: 95 Resp: 257942
 Ion Ratio Lower Upper
 95 100
 174 64.7 52.0 78.0
 175 4.6 3.8 5.6



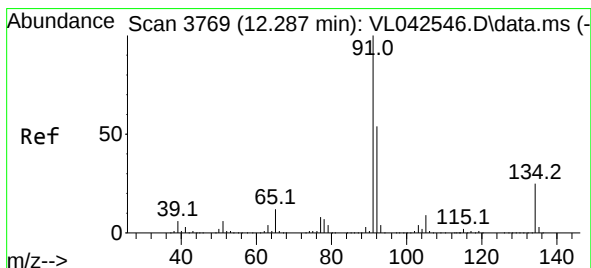
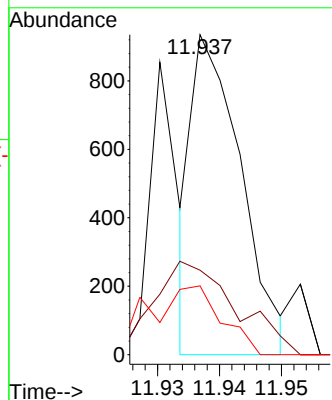
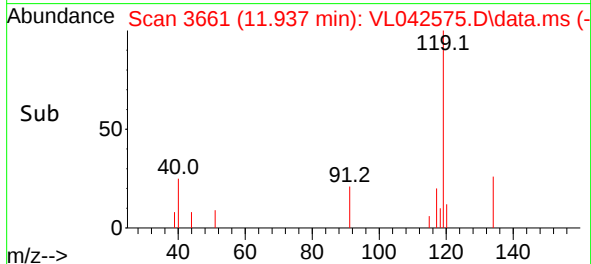


#69
p-Isopropyltoluene
Concen: 0.009 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Instrument :
MSVOA_L
ClientSampleId :

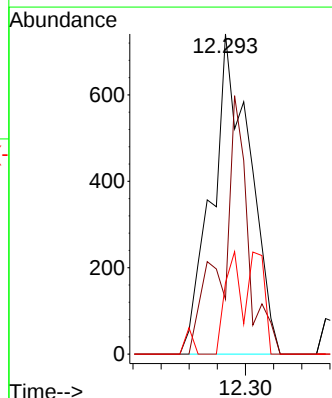
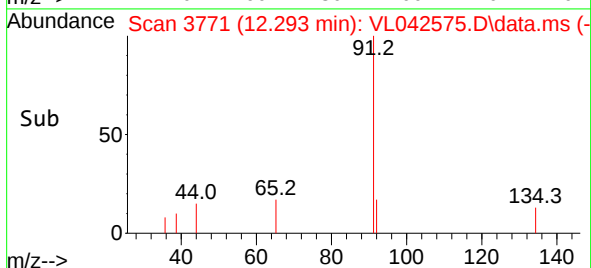
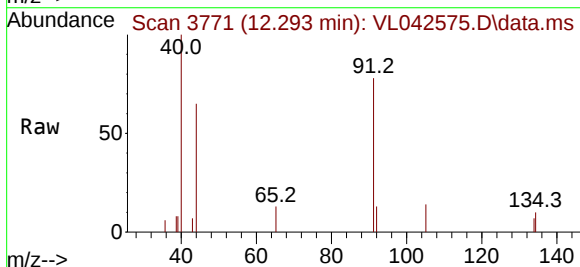


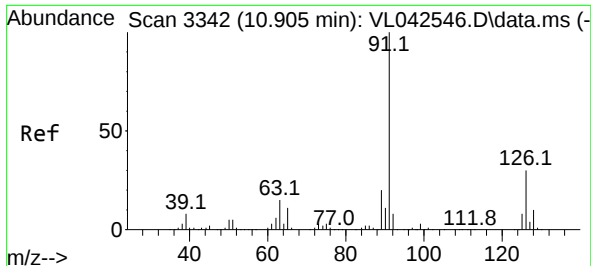
Tgt Ion: 119 Resp: 514
Ion Ratio Lower Upper
119 100
134 0.0 20.1 30.1#
91 31.3 22.3 33.5



#70
n-Butylbenzene
Concen: 0.012 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 91 Resp: 693
Ion Ratio Lower Upper
91 100
92 54.5 43.8 65.6
134 28.0 19.7 29.5

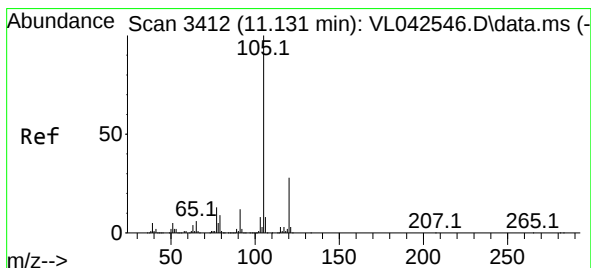
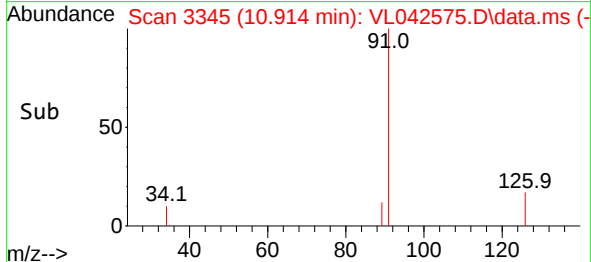
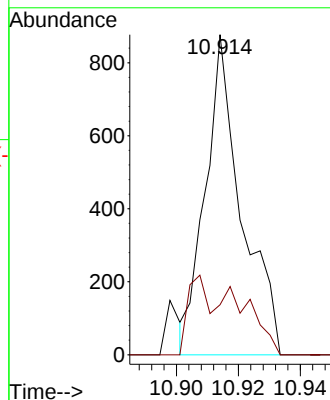
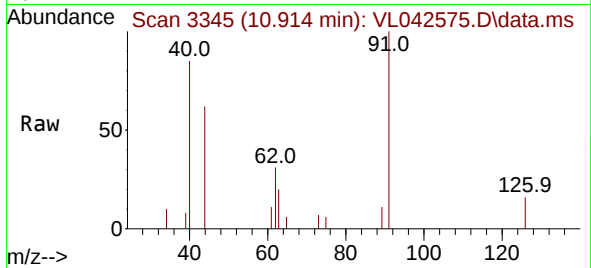




#71
2-Chlorotoluene
Concen: 0.017 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

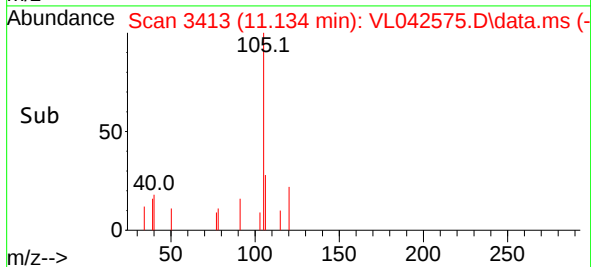
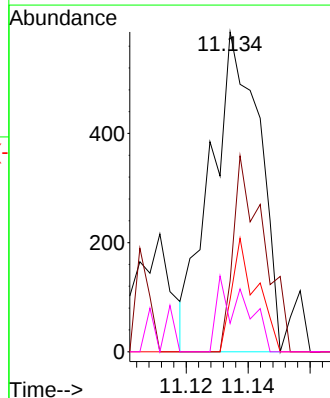
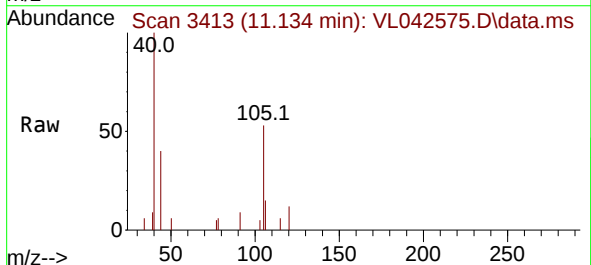
Instrument :
MSVOA_L
ClientSampleId :

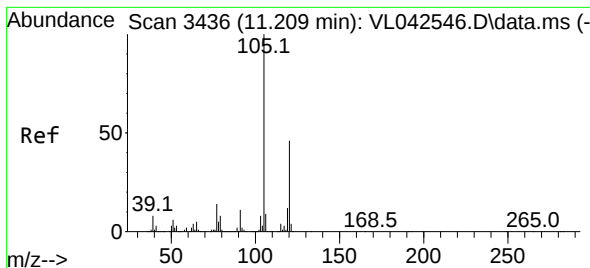
Tgt Ion: 91 Resp: 707
Ion Ratio Lower Upper
91 100
126 34.4 12.4 49.4



#72
4-Ethyltoluene
Concen: 0.014 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.003 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion: 105 Resp: 639
Ion Ratio Lower Upper
105 100
120 47.1 23.4 35.0#
91 18.2 10.2 15.4#
77 13.5 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 0.019 ppbv

RT: 11.218 min Scan# 34

Delta R.T. 0.009 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

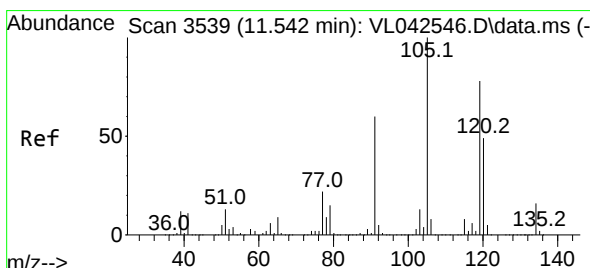
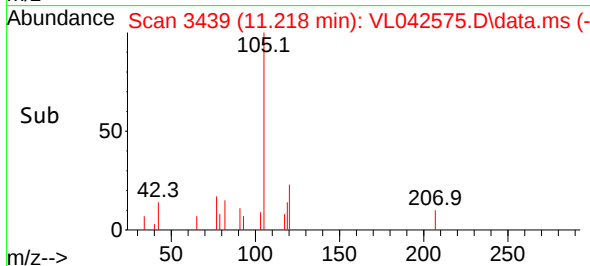
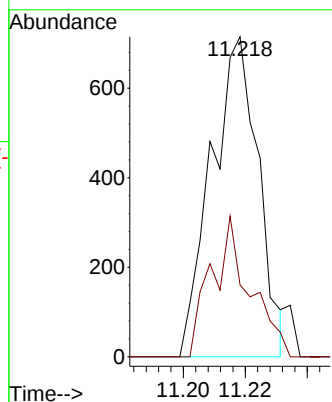
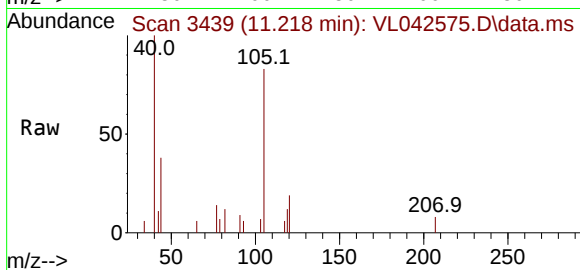
ClientSampleId :

Tgt Ion:105 Resp: 752

Ion Ratio Lower Upper

105 100

120 22.5 36.5 54.7#



#74

1,2,4-Trimethylbenzene

Concen: 0.020 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. 0.006 min

Lab File: VL042575.D

Acq: 22 May 2025 11:27

Tgt Ion:105 Resp: 926

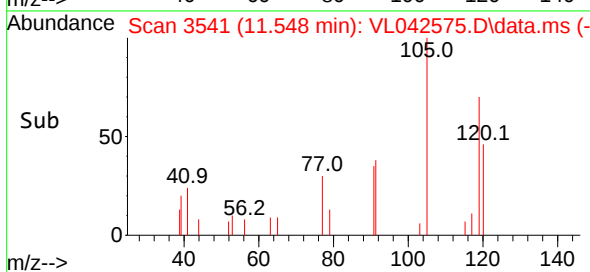
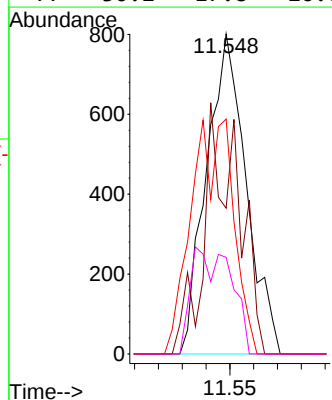
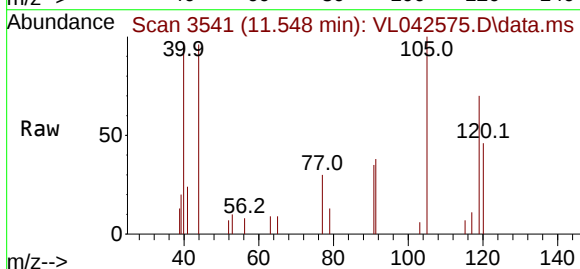
Ion Ratio Lower Upper

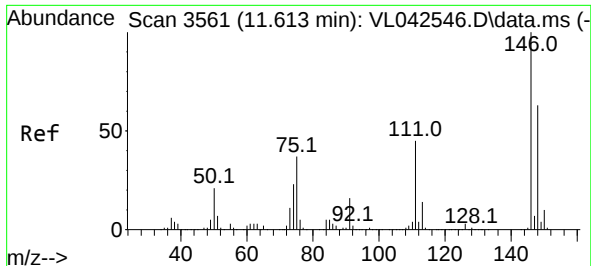
105 100

120 45.6 39.4 59.0

91 73.4 47.8 71.8#

77 30.2 17.8 26.6#

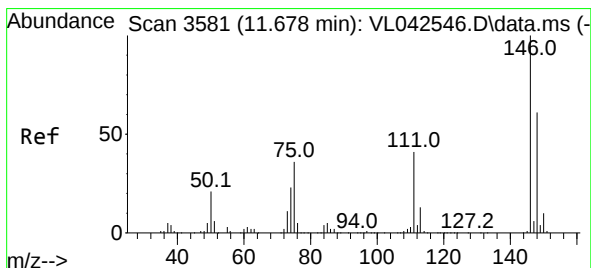
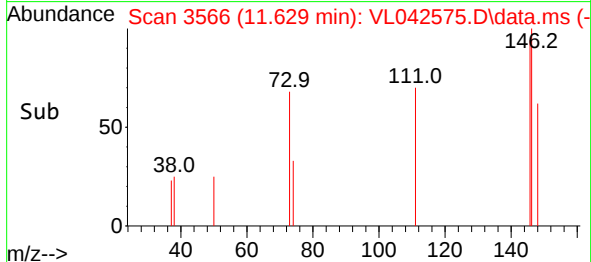
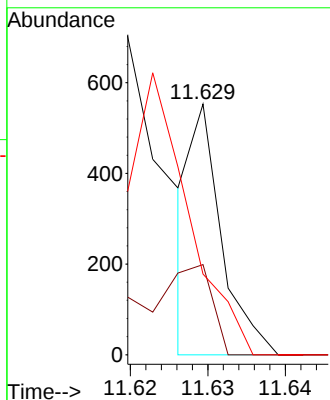
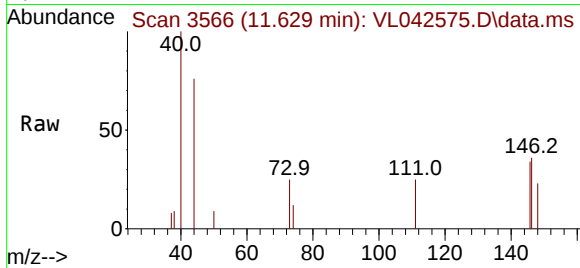




#75
1,3-Dichlorobenzene
Concen: 0.005 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. 0.016 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

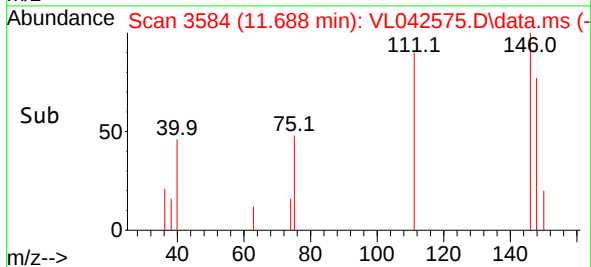
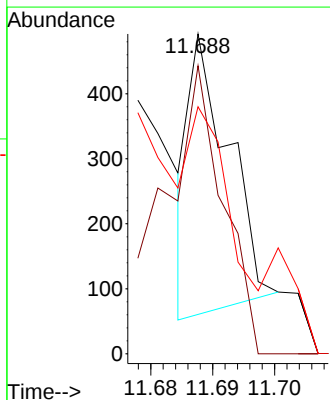
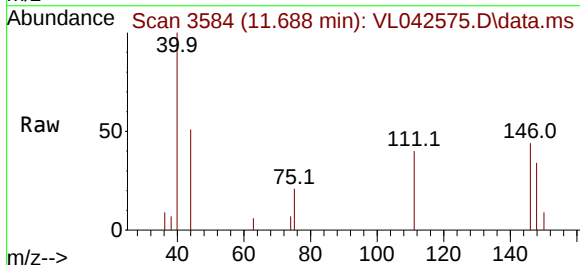
Instrument :
MSVOA_L
ClientSampleId :

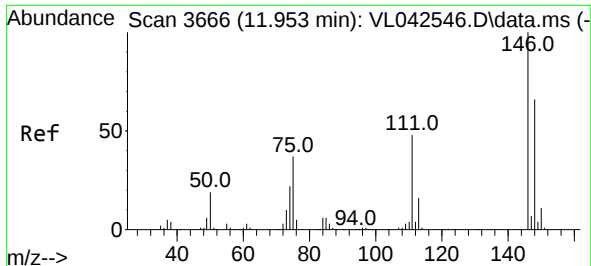
Tgt Ion:146 Resp: 148
Ion Ratio Lower Upper
146 100
111 96.6 22.8 68.4#
148 0.0 31.6 94.8#



#76
1,4-Dichlorobenzene
Concen: 0.007 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

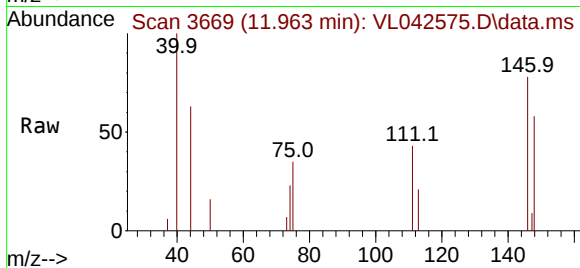
Tgt Ion:146 Resp: 189
Ion Ratio Lower Upper
146 100
111 166.1 21.8 65.3#
148 227.5 31.4 94.3#



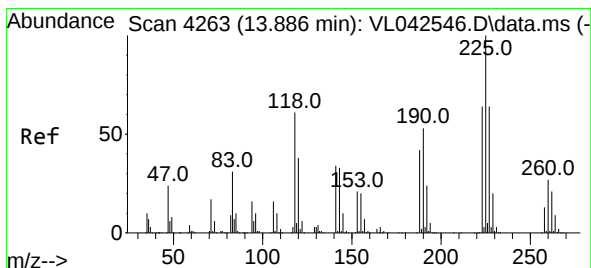
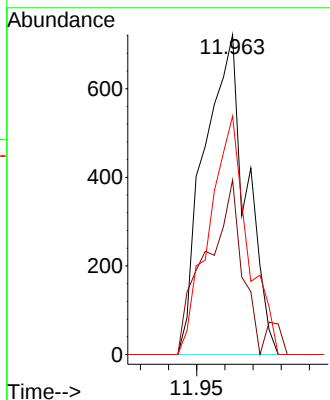
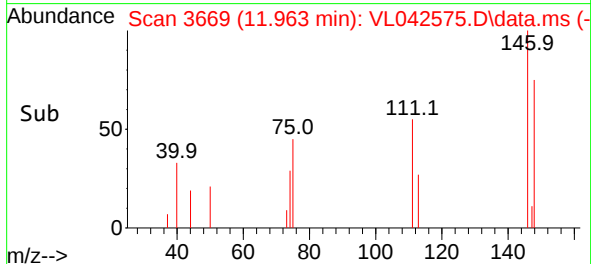


#77
1,2-Dichlorobenzene
Concen: 0.026 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

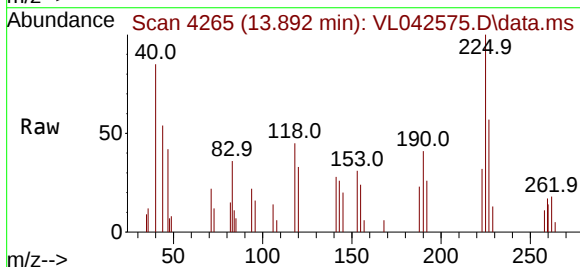
Instrument :
MSVOA_L
ClientSampleId :



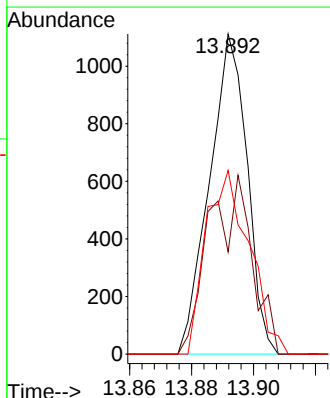
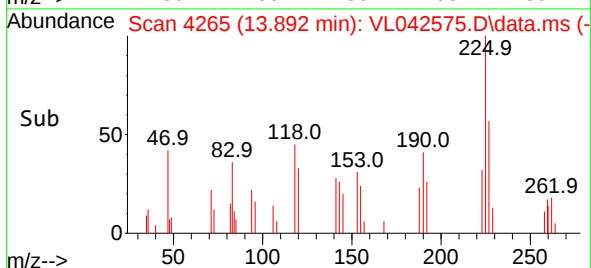
Tgt Ion:	146	Resp:	749
Ion	Ratio	Lower	Upper
146	100		
111	50.1	23.7	71.1
148	68.1	32.3	96.9

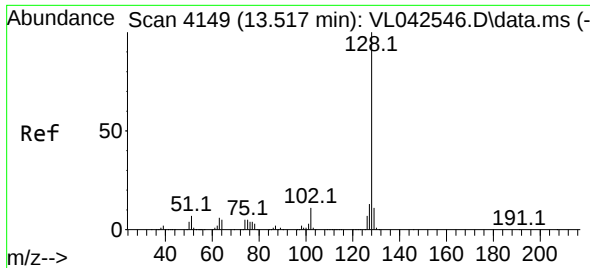


#78
Hexachloro-1,3-Butadiene
Concen: 0.039 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.006 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27



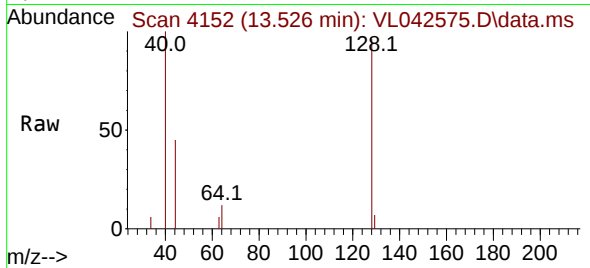
Tgt Ion:	225	Resp:	936
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	66.1	50.2	75.4



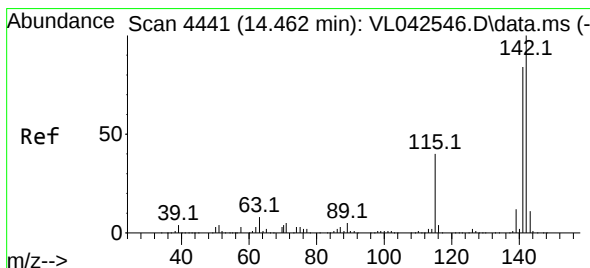
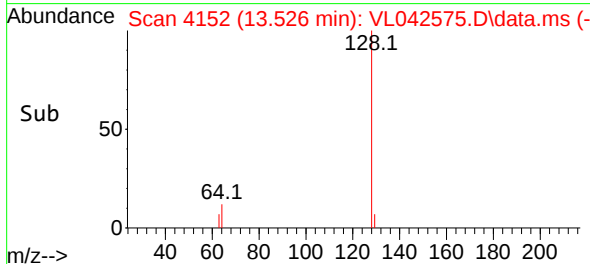
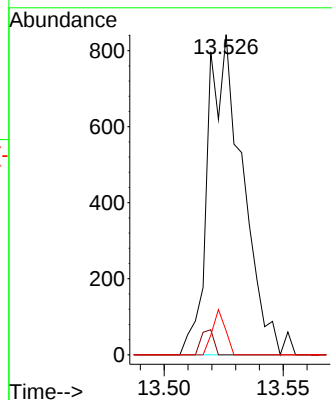


#79
Naphthalene
Concen: 0.024 ppbv
RT: 13.526 min Scan# 4149
Delta R.T. 0.009 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Instrument :
MSVOA_L
ClientSampleId :

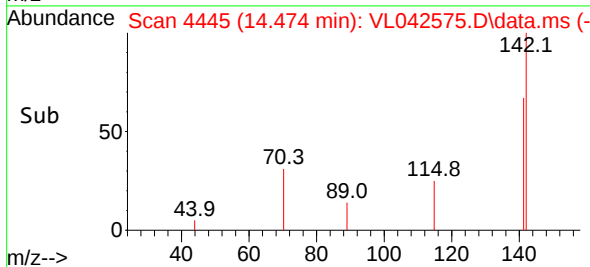
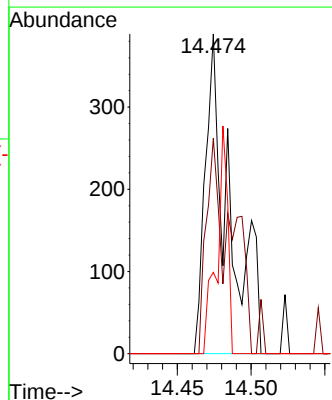
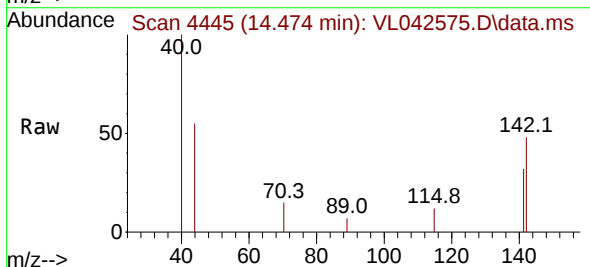


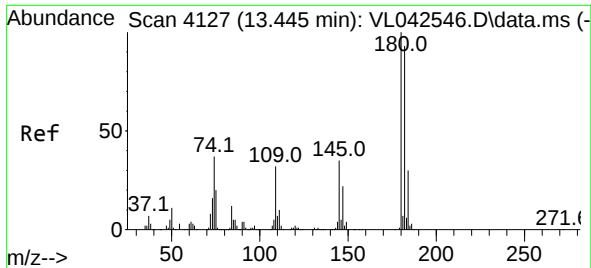
Tgt Ion:128 Resp: 847
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 7.5 9.0 13.4#



#80
Naphthalene,2-methyl-
Concen: 0.024 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.013 min
Lab File: VL042575.D
Acq: 22 May 2025 11:27

Tgt Ion:142 Resp: 430
Ion Ratio Lower Upper
142 100
141 74.9 67.4 101.0
115 33.3 31.5 47.3





#81

1,2,4-Trichlorobenzene

Concen: 0.006 ppbv

RT: 13.461 min Scan# 41

Delta R.T. 0.016 min

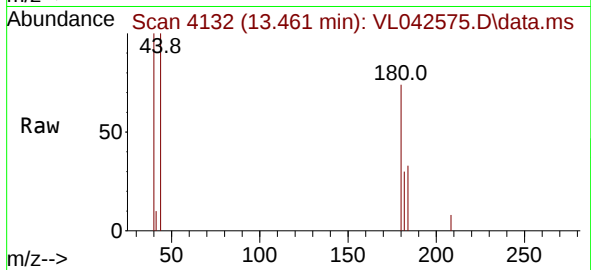
Lab File: VL042575.D

Acq: 22 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 119

Ion Ratio Lower Upper

180 100

182 0.0 75.6 113.4#

184 154.6 23.7 35.5#

