

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041956.D
 Acq On : 27 Jan 2025 17:13
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 02:40:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	143398	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	398917	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	348394	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	280681	10.229	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	206893	10.592	ppbv	96
3) Chlorodifluoromethane	1.479	51	216818	10.596	ppbv	99
4) Chloromethane	1.538	50	79937	10.882	ppbv	100
5) Vinyl Chloride	1.583	62	75978	10.211	ppbv	99
6) Bromomethane	1.674	94	36960	10.422	ppbv	99
7) Chloroethane	1.709	64	31969	11.043	ppbv	94
8) Dichlorotetrafluoroethane	1.557	85	178531	10.459	ppbv	98
9) Propene	1.489	41	82969	9.843	ppbv	97
10) Heptane	5.001	43	255198	11.327	ppbv	99
11) Trichlorofluoromethane	1.884	101	215008	10.582	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.146	101	169110	10.620	ppbv	100
13) Ethanol	1.729	45	4190	6.786	ppbv	90
14) Bromoethene	1.787	108	58751	10.077	ppbv	99
15) Acetone	1.842	43	166615	9.674	ppbv	99
16) 1,3-Butadiene	1.612	39	80226	10.378	ppbv	100
17) tert-Butyl alcohol	2.049	59	200066	9.438	ppbv	98
18) 1,1-Dichloroethene	2.039	96	73783	10.280	ppbv	98
19) Isopropyl Alcohol	1.894	45	93768	9.182	ppbv #	35
20) Methylene Chloride	2.068	84	62429	9.172	ppbv	95
21) Allyl Chloride	2.104	41	126673	10.621	ppbv	97
22) trans-1,2-Dichloroethene	2.350	96	82579	10.195	ppbv	96
23) Vinyl Acetate	2.473	43	63670	7.458	ppbv #	97
24) 1,1-Dichloroethane	2.418	63	165409	10.557	ppbv	99
25) Ethyl Acetate	2.848	43	510398	10.990	ppbv	100
26) Hexane	2.839	57	201675	10.979	ppbv	97
27) Carbon Disulfide	2.159	76	198206	10.904	ppbv	99
28) Methyl tert-Butyl Ether	2.450	73	109580	7.805	ppbv	99
29) Chloroform	2.861	83	318439	10.967	ppbv	99
30) Cyclohexane	3.874	84	166235	10.434	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	191314	9.891	ppbv	92
32) 1,1,1-Trichloroethane	3.383	97	294982	10.617	ppbv	99
34) 2-Butanone	2.567	43	285825	11.267	ppbv	98
35) Carbon Tetrachloride	3.777	117	303231	12.101	ppbv	100
36) Benzene	3.671	78	412317	11.269	ppbv	99
37) 1,2-Dichloroethane	3.230	62	233303	11.354	ppbv	100
38) Trichloroethene	4.570	130	165446	11.395	ppbv	97
39) 1,2-Dichloropropane	4.331	63	145676	11.351	ppbv	98
40) 1,4-Dioxane	4.609	88	45547	7.027	ppbv #	67
41) Tetrahydrofuran	3.069	42	160697	11.655	ppbv	98
42) Bromodichloromethane	4.509	83	318106	11.546	ppbv	98
43) Methyl Methacrylate	4.904	69	148336	10.913	ppbv	98
44) 2,2,4-Trimethylpentane	4.661	57	700987	11.845	ppbv	99
45) t-1,3-Dichloropropene	6.444	75	136885	10.759	ppbv	98

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 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

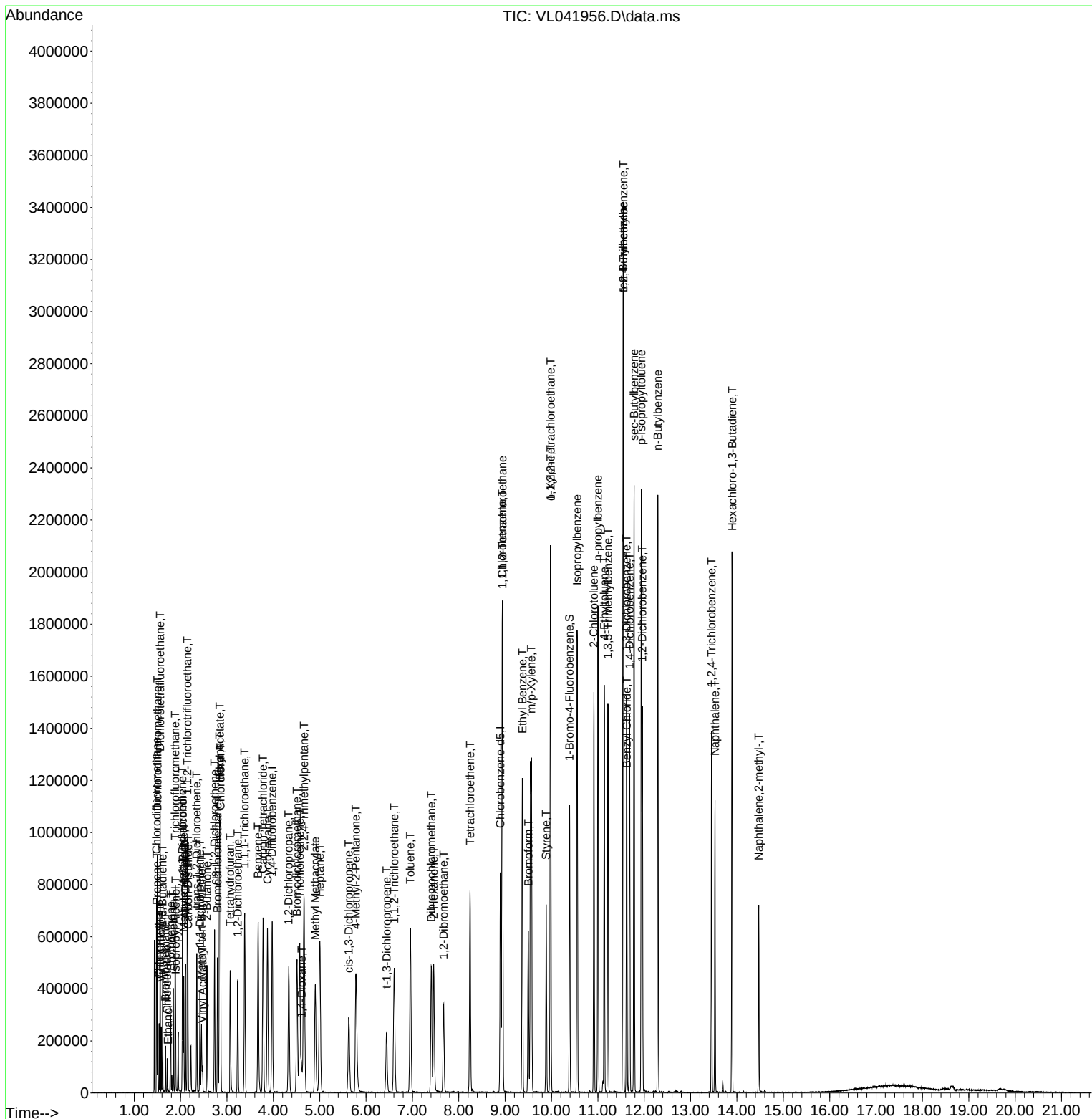
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 MSVOA_L
 ClientSampleId :

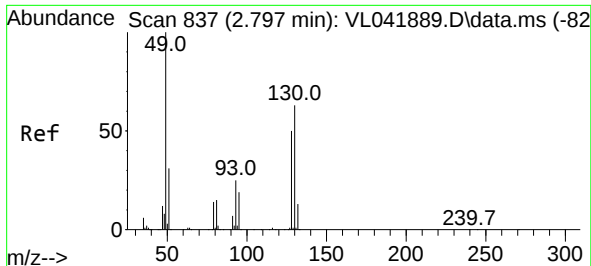
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	182770	10.942	ppbv	97
47) 1,1,2-Trichloroethane	6.606	97	164917	12.124	ppbv	97
48) Dibromochloromethane	7.406	129	248718	11.850	ppbv	99
49) Bromoform	9.500	173	207343	12.027	ppbv	99
50) 4-Methyl-2-Pentanone	5.781	43	410141	11.843	ppbv	98
51) 2-Hexanone	7.457	43	323889	12.171	ppbv #	98
52) Tetrachloroethene	8.244	164	135165	10.654	ppbv	94
53) Toluene	6.956	91	460000	11.542	ppbv	99
54) 1,2-Dibromoethane	7.674	107	218664	11.693	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.943	131	212542	12.228	ppbv	99
57) Chlorobenzene	8.937	112	384291	11.958	ppbv	98
58) Ethyl Benzene	9.370	91	654353	12.018	ppbv	100
59) m/p-Xylene	9.565	91	575383	13.184	ppbv #	33
60) o-Xylene	9.979	91	547340	12.635	ppbv	99
61) Styrene	9.885	104	242191	12.463	ppbv	98
62) Isopropylbenzene	10.552	105	813048	12.129	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	341408	12.334	ppbv	100
64) n-propylbenzene	11.002	120	213765	12.621	ppbv	98
65) tert-Butylbenzene	11.545	119	728163	11.920	ppbv	99
66) Benzyl Chloride	11.626	91	41547	10.989	ppbv	95
67) sec-Butylbenzene	11.782	105	1019309	12.118	ppbv	99
69) p-Isopropyltoluene	11.937	119	835184	12.058	ppbv	99
70) n-Butylbenzene	12.293	91	822400	11.972	ppbv	99
71) 2-Chlorotoluene	10.914	91	600058	12.102	ppbv	100
72) 4-Ethyltoluene	11.137	105	665814	12.850	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	562594	12.295	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	612367	12.357	ppbv	98
75) 1,3-Dichlorobenzene	11.620	146	356384	12.136	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	350837	12.212	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	345263	11.864	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	215693	9.030	ppbv	100
79) Naphthalene	13.526	128	502785	10.077	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	184341	7.793	ppbv	100
81) 1,2,4-Trichlorobenzene	13.452	180	218618	8.977	ppbv	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
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QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

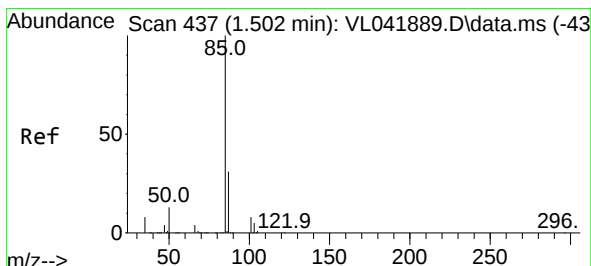
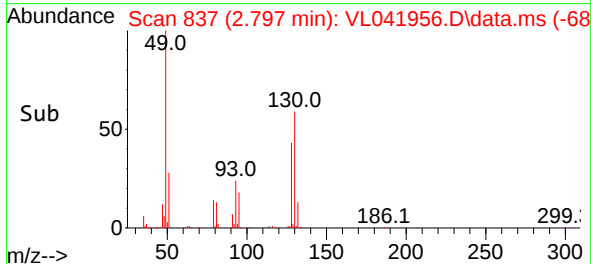
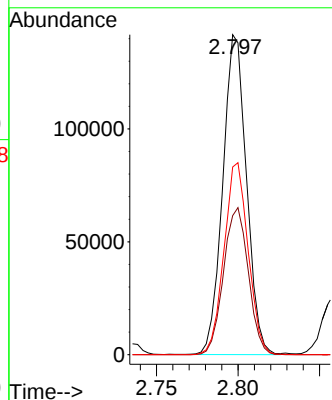
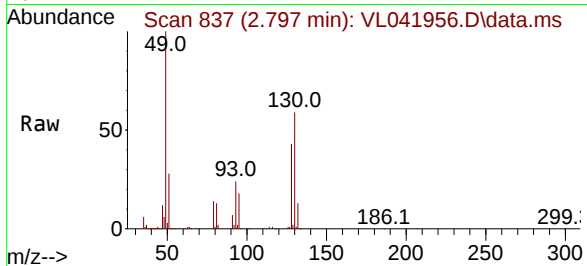




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 837
 Delta R.T. -0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

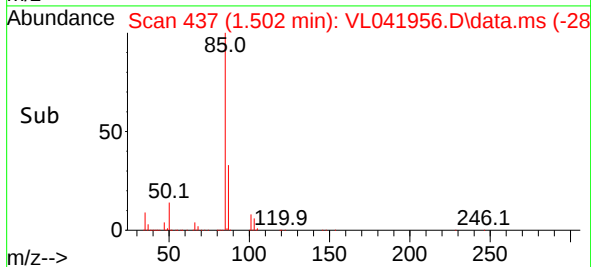
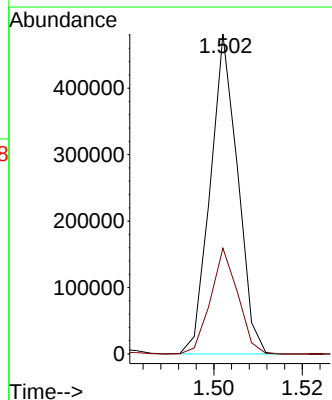
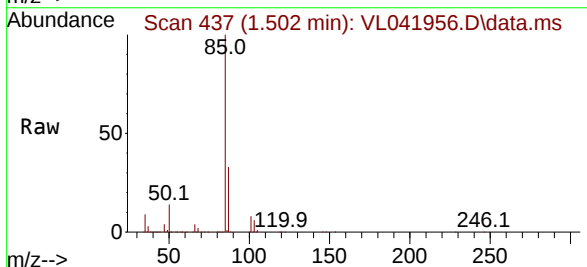
Instrument :
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 ClientSampleId :

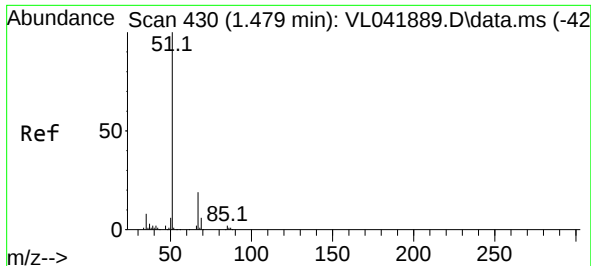
Tgt Ion: 49 Resp: 143398
 Ion Ratio Lower Upper
 49 100
 128 48.0 24.3 73.0
 130 61.0 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 10.592 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 85 Resp: 206893
 Ion Ratio Lower Upper
 85 100
 87 33.0 24.9 37.3

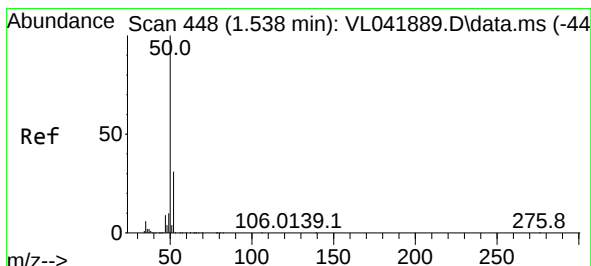
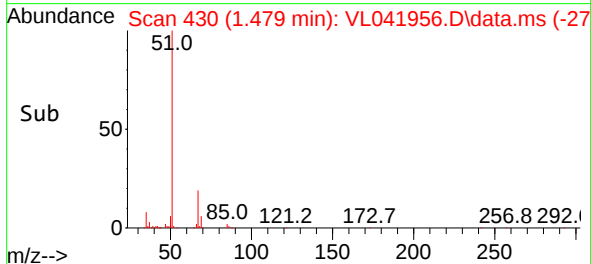
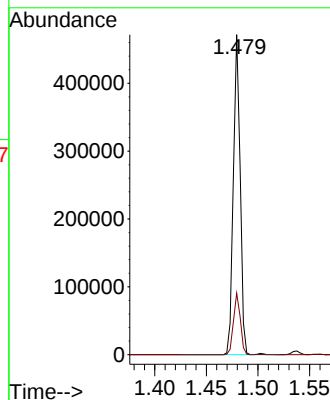
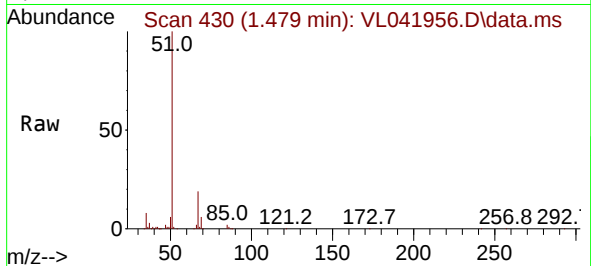




#3
Chlorodifluoromethane
Concen: 10.596 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

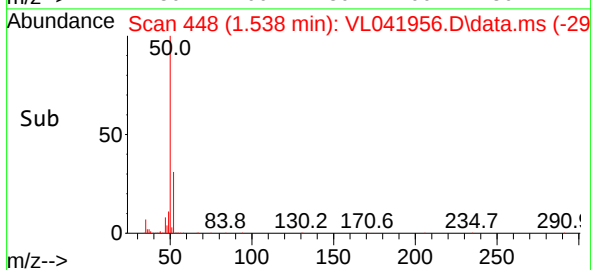
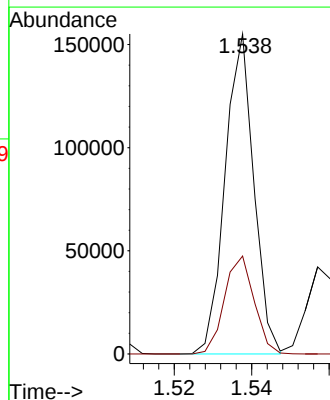
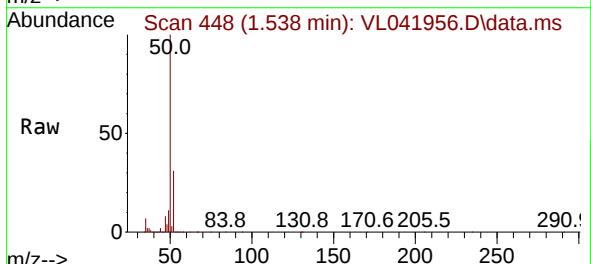
Instrument :
MSVOA_L
ClientSampleId :

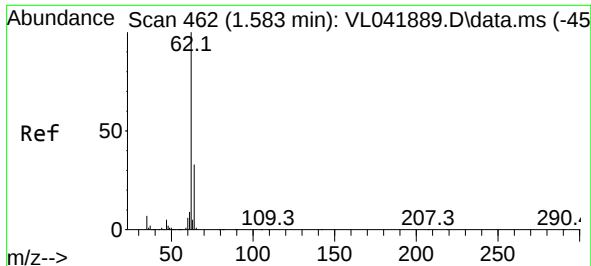
Tgt Ion: 51 Resp: 216818
Ion Ratio Lower Upper
51 100
67 19.4 15.0 22.4



#4
Chloromethane
Concen: 10.882 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 50 Resp: 79937
Ion Ratio Lower Upper
50 100
52 30.6 24.6 36.8

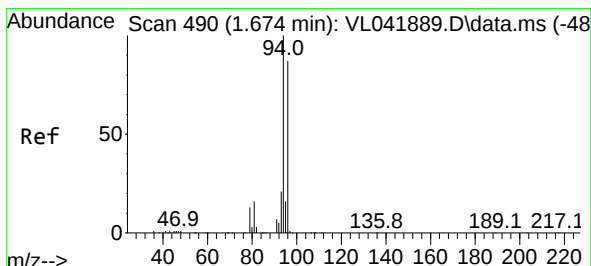
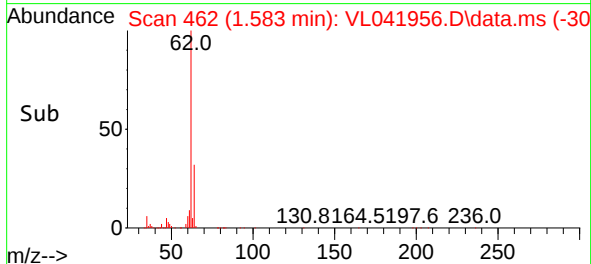
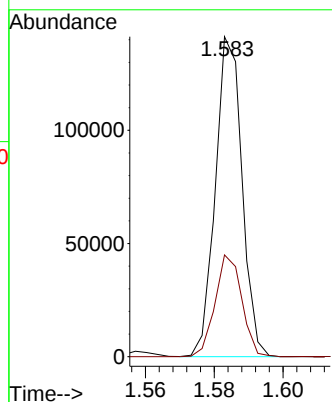
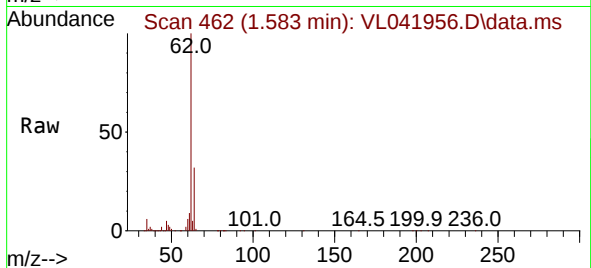




#5
 Vinyl Chloride
 Concen: 10.211 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

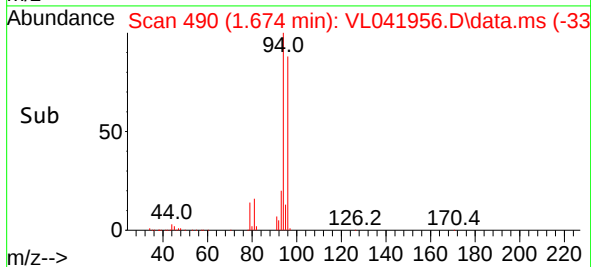
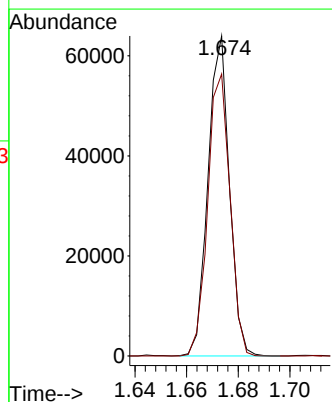
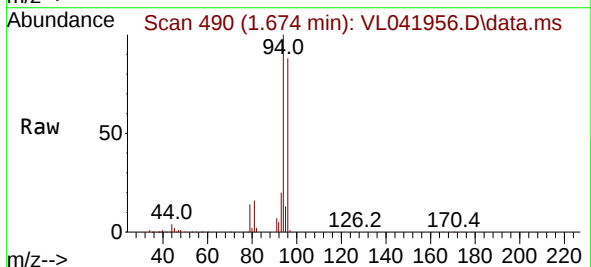
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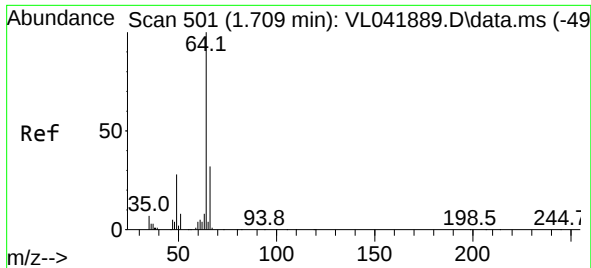
Tgt Ion: 62 Resp: 75978
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.1 39.1



#6
 Bromomethane
 Concen: 10.422 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 94 Resp: 36960
 Ion Ratio Lower Upper
 94 100
 96 88.1 69.5 104.3

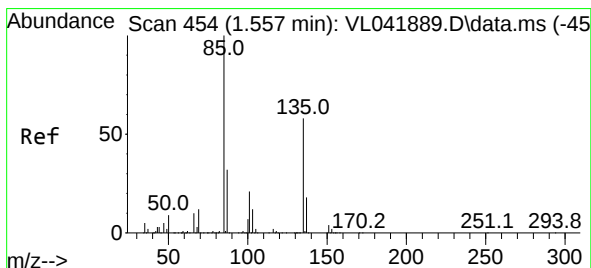
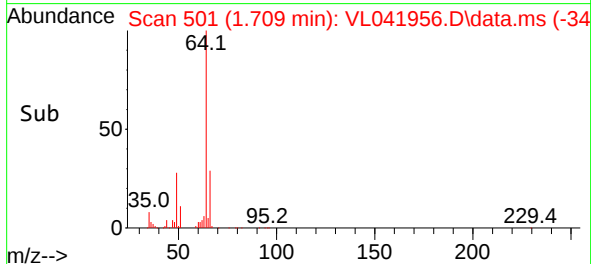
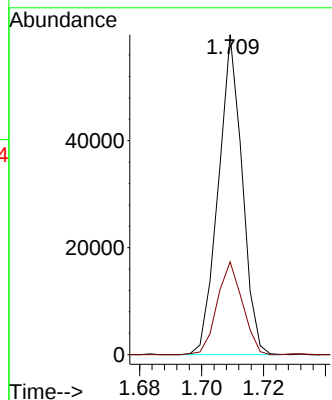
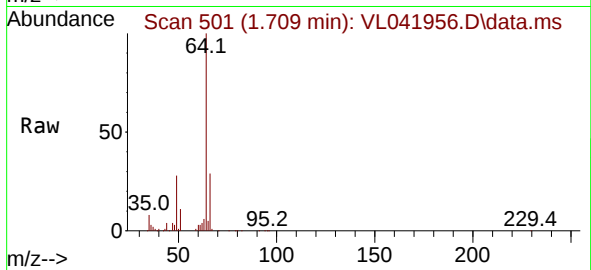




#7
Chloroethane
Concen: 11.043 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

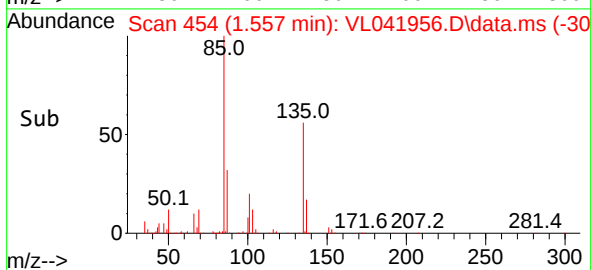
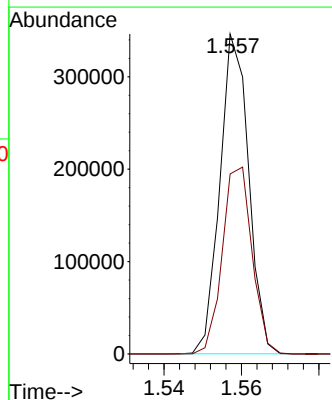
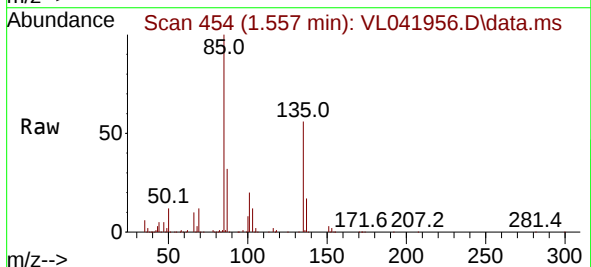
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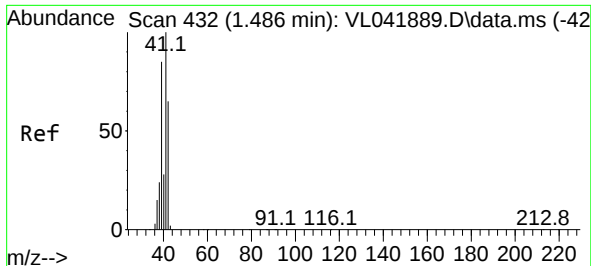
Tgt Ion: 64 Resp: 31969
Ion Ratio Lower Upper
64 100
66 29.0 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 10.459 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 85 Resp: 178531
Ion Ratio Lower Upper
85 100
135 60.6 50.0 75.0





#9

Propene

Concen: 9.843 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

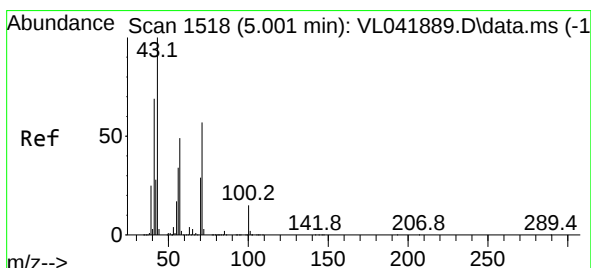
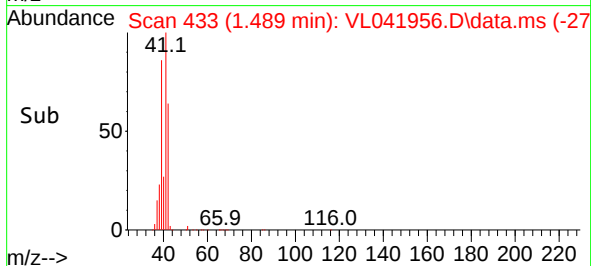
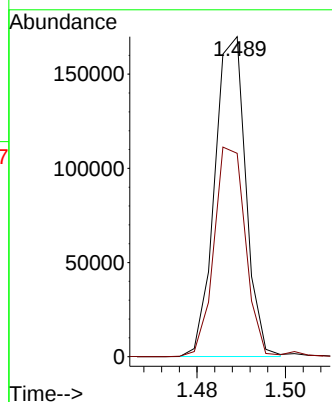
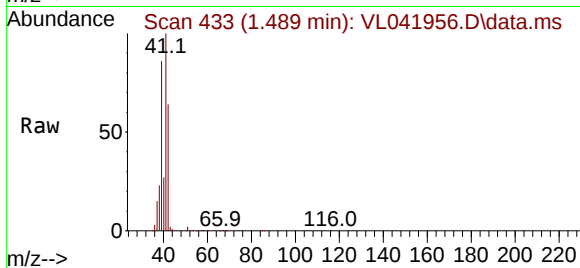
ClientSampleId :

Tgt Ion: 41 Resp: 82969

Ion Ratio Lower Upper

41 100

42 67.6 52.0 78.0



#10

Heptane

Concen: 11.327 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VL041956.D

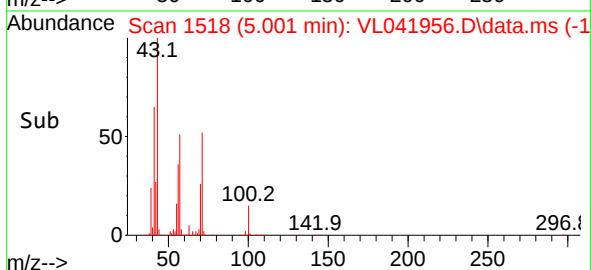
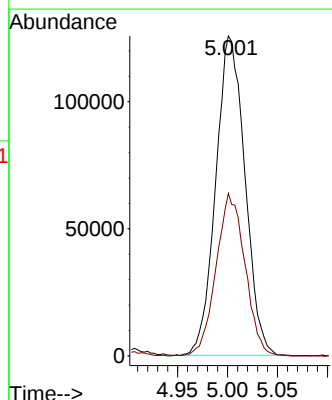
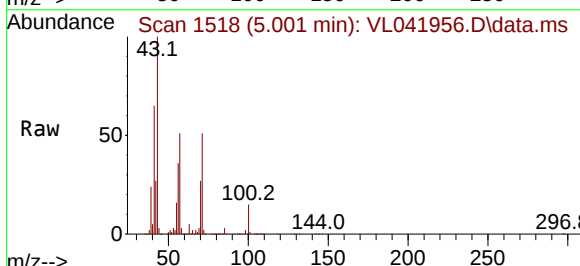
Acq: 27 Jan 2025 17:13

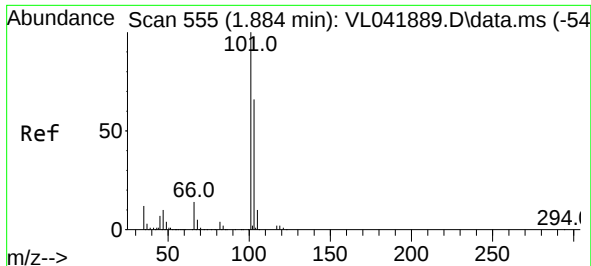
Tgt Ion: 43 Resp: 255198

Ion Ratio Lower Upper

43 100

57 50.4 41.0 61.4

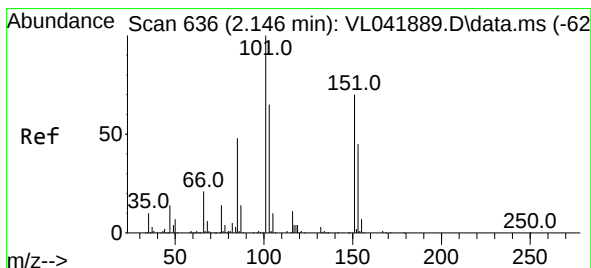
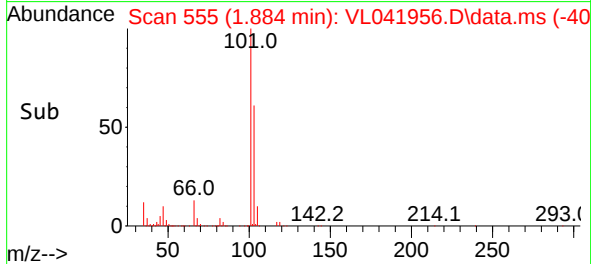
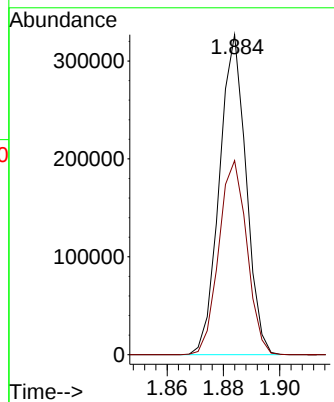
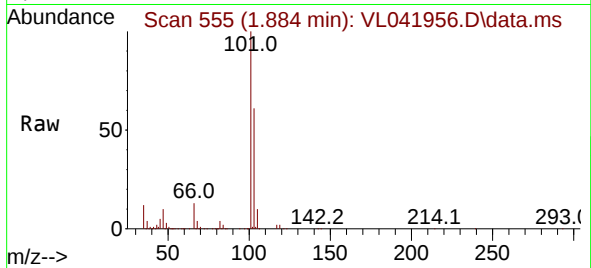




#11
Trichlorofluoromethane
Concen: 10.582 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

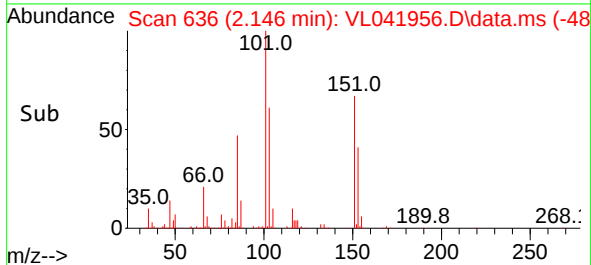
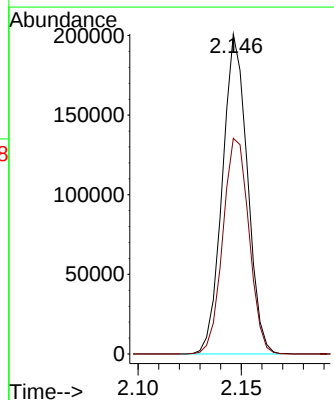
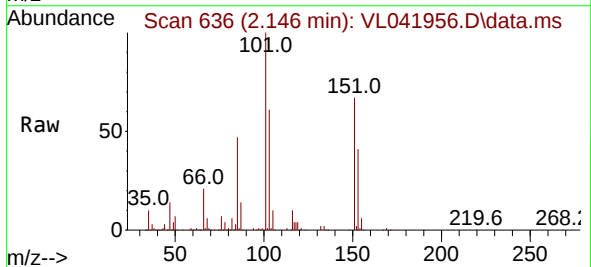
Instrument :
MSVOA_L
ClientSampleId :

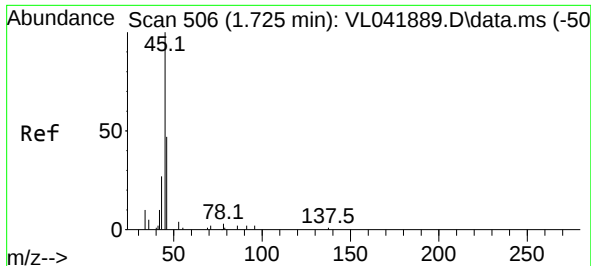
Tgt Ion:101 Resp: 215008
Ion Ratio Lower Upper
101 100
103 60.6 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.620 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:101 Resp: 169110
Ion Ratio Lower Upper
101 100
151 70.4 56.1 84.1

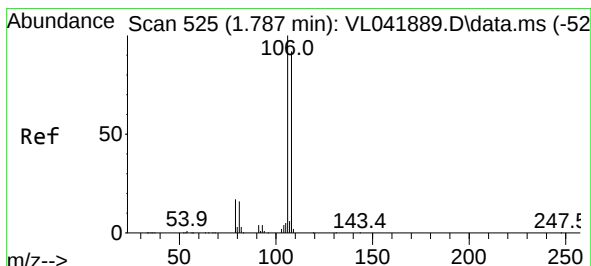
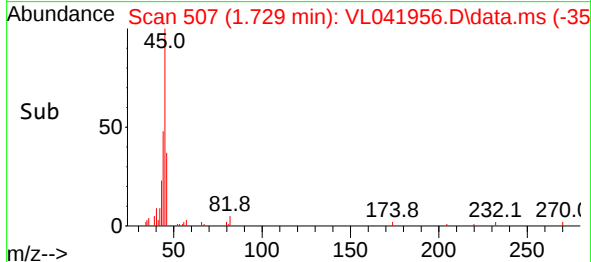
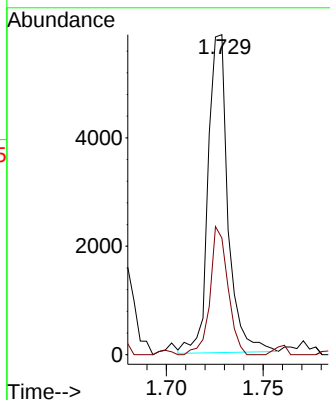
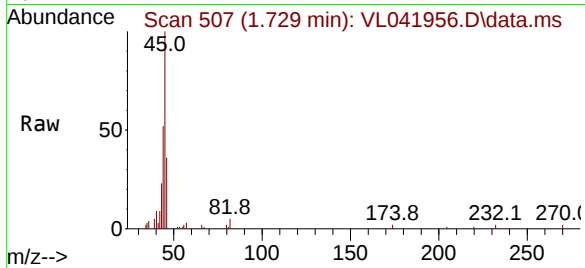




#13
Ethanol
Concen: 6.786 ppbv
RT: 1.729 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

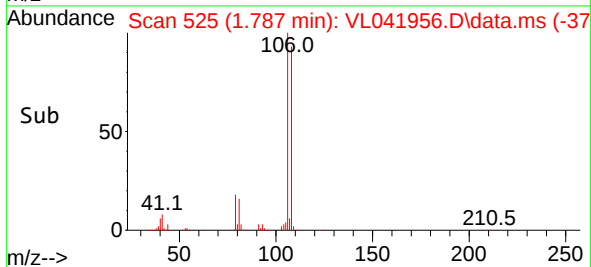
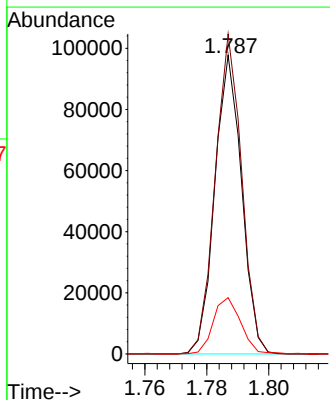
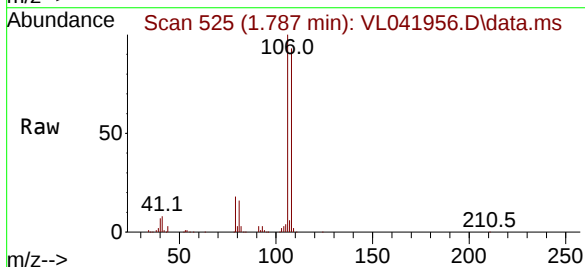
Instrument :
MSVOA_L
ClientSampleId :

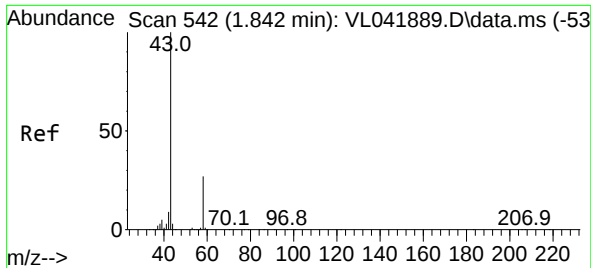
Tgt Ion: 45 Resp: 4190
Ion Ratio Lower Upper
45 100
46 38.6 18.1 72.5



#14
Bromoethene
Concen: 10.077 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 108 Resp: 58751
Ion Ratio Lower Upper
108 100
106 105.6 85.5 128.3
79 19.7 15.3 22.9

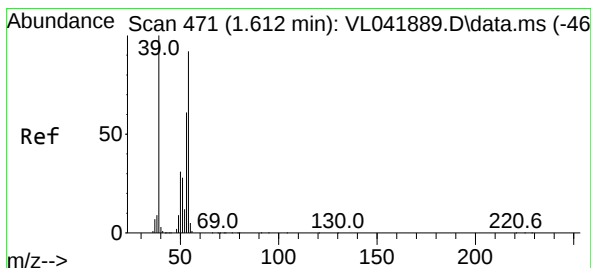
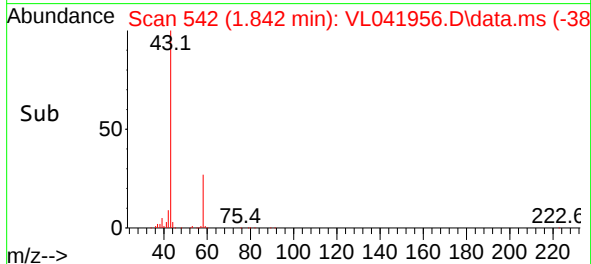
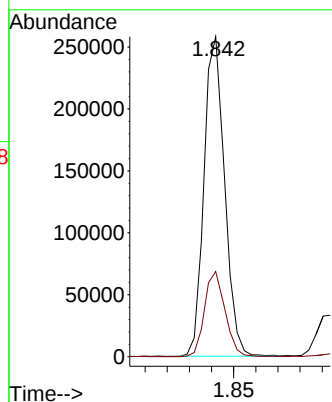
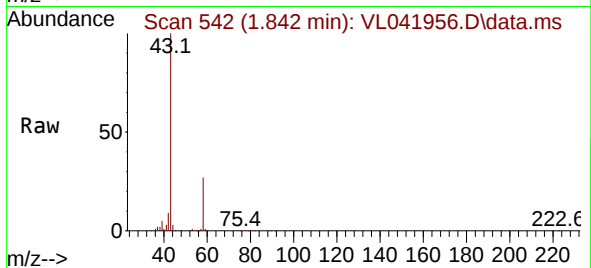




#15
Acetone
Concen: 9.674 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

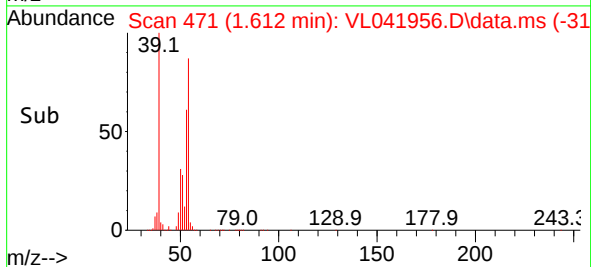
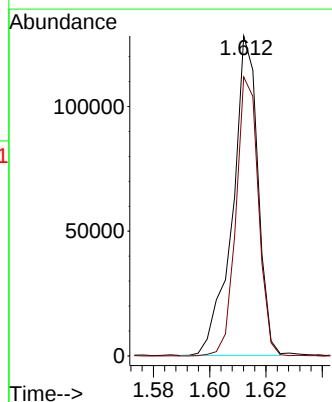
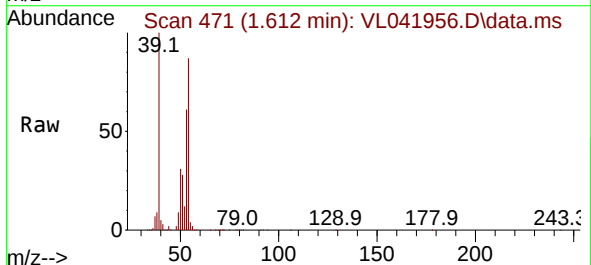
Instrument :
MSVOA_L
ClientSampleId :

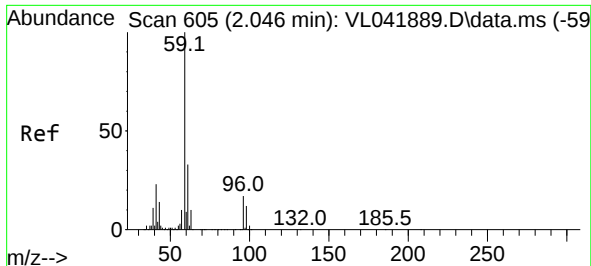
Tgt Ion: 43 Resp: 166615
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9



#16
1,3-Butadiene
Concen: 10.378 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 39 Resp: 80226
Ion Ratio Lower Upper
39 100
54 77.2 61.6 92.4





#17

tert-Butyl alcohol

Concen: 9.438 ppbv

RT: 2.049 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

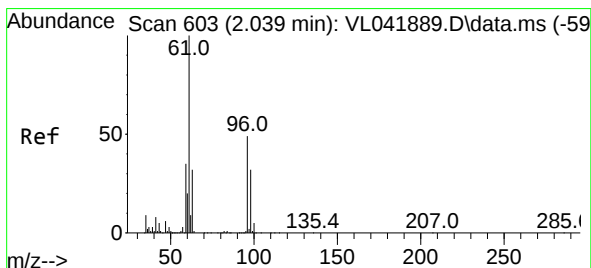
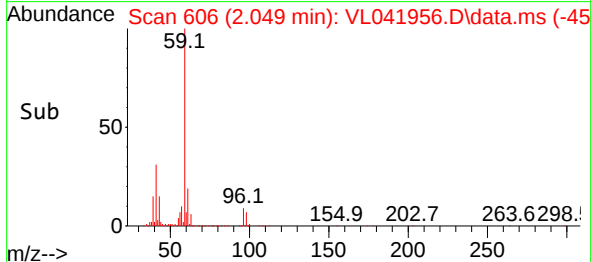
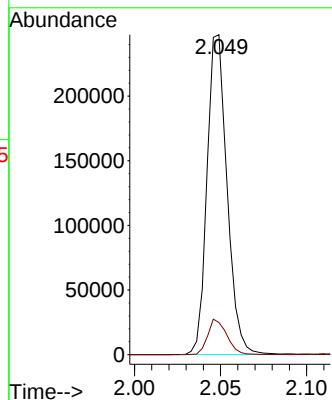
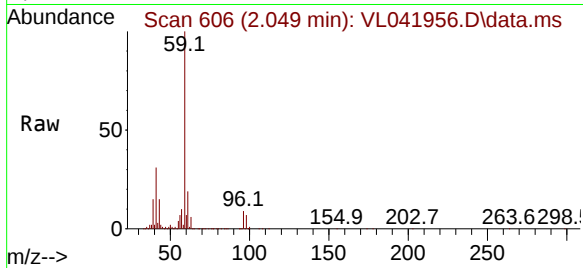
ClientSampleId :

Tgt Ion: 59 Resp: 200066

Ion Ratio Lower Upper

59 100

57 10.6 7.8 11.8



#18

1,1-Dichloroethene

Concen: 10.280 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

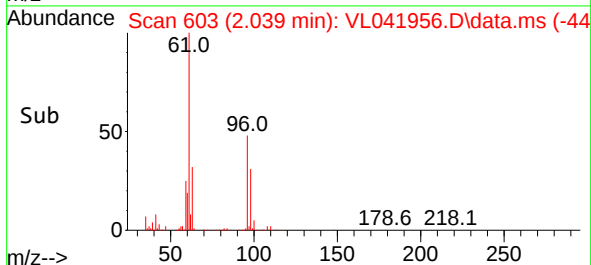
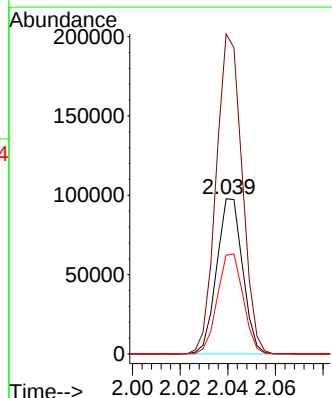
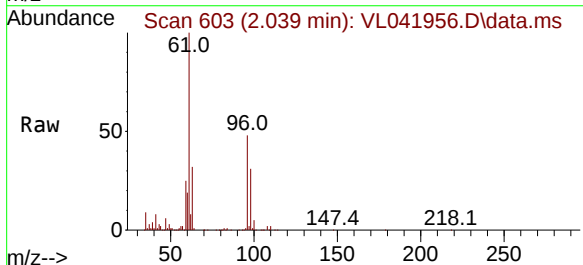
Tgt Ion: 96 Resp: 73783

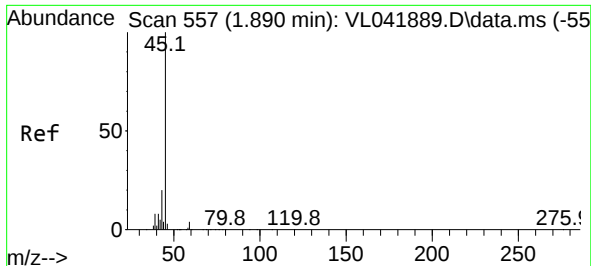
Ion Ratio Lower Upper

96 100

61 206.2 163.1 244.7

98 63.7 52.7 79.1

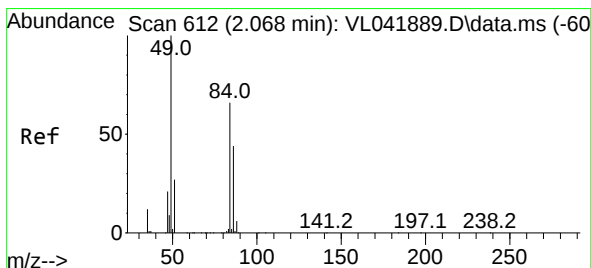
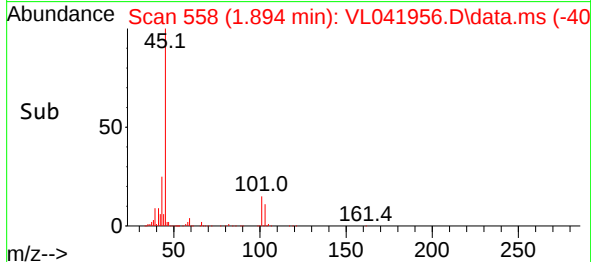
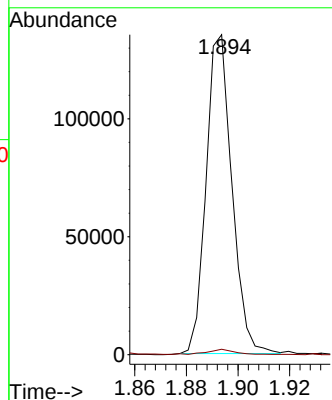
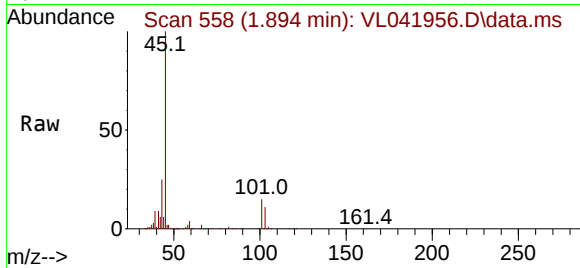




#19
Isopropyl Alcohol
Concen: 9.182 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

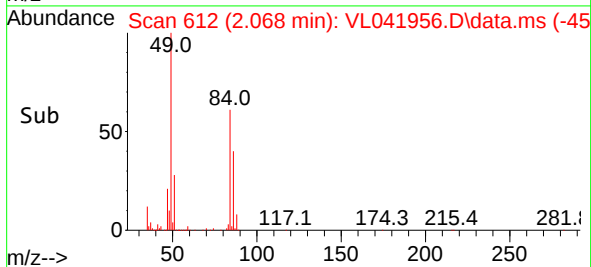
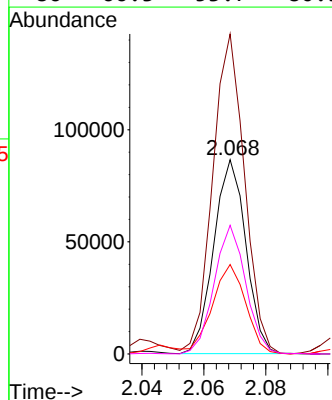
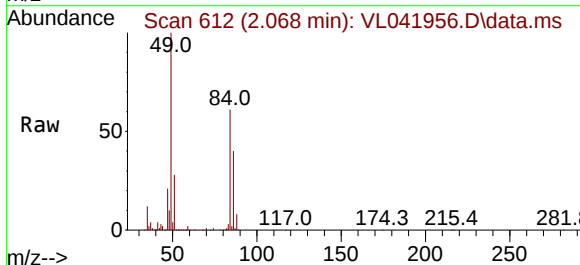
Instrument :
MSVOA_L
ClientSampleId :

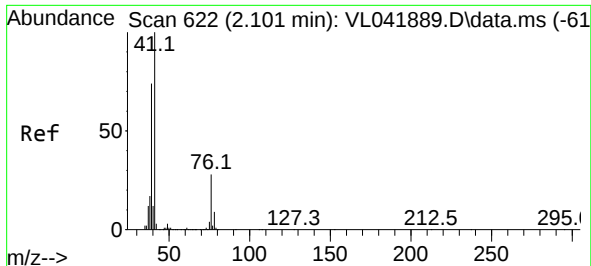
Tgt Ion: 45 Resp: 93768
Ion Ratio Lower Upper
45 100
58 2.1 35.0 52.6#



#20
Methylene Chloride
Concen: 9.172 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 84 Resp: 62429
Ion Ratio Lower Upper
84 100
49 164.6 123.1 184.7
51 45.8 35.8 53.8
86 66.3 53.7 80.5





#21

Allyl Chloride

Concen: 10.621 ppbv

RT: 2.104 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

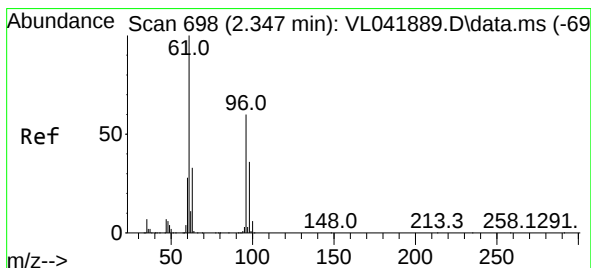
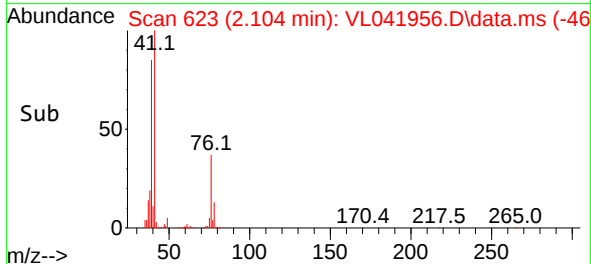
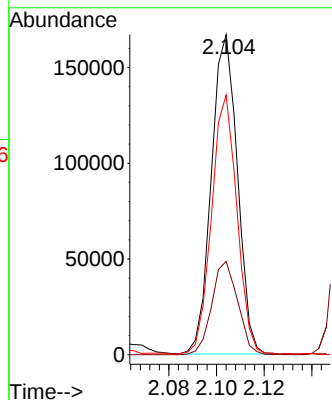
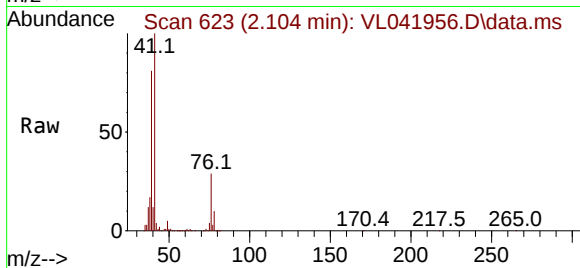
Tgt Ion: 41 Resp: 126673

Ion Ratio Lower Upper

41 100

76 29.0 24.2 36.4

39 78.9 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 10.195 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

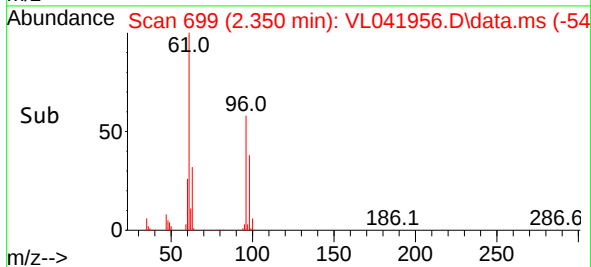
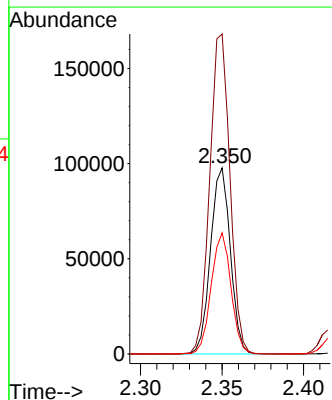
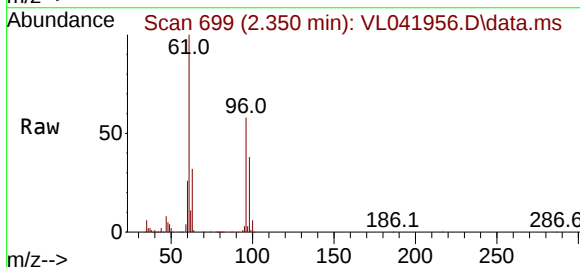
Tgt Ion: 96 Resp: 82579

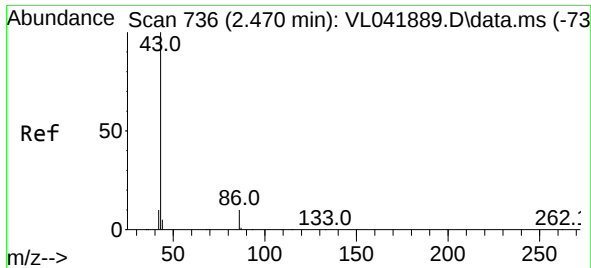
Ion Ratio Lower Upper

96 100

61 172.0 134.5 201.7

98 65.1 48.9 73.3

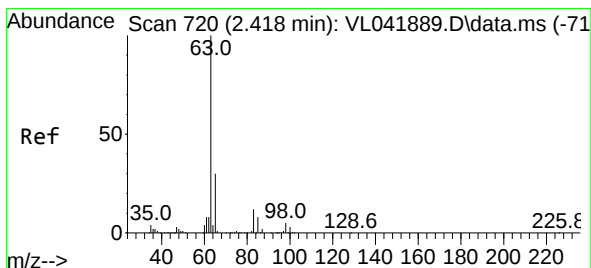
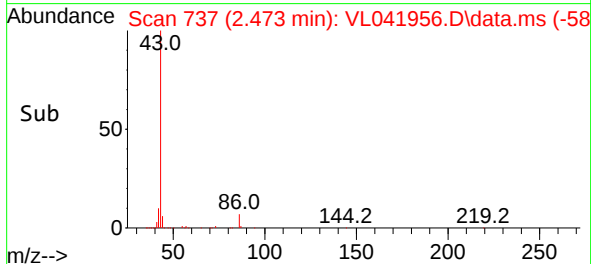
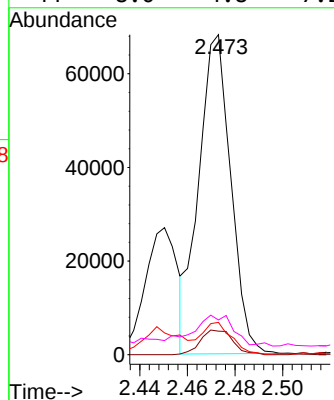
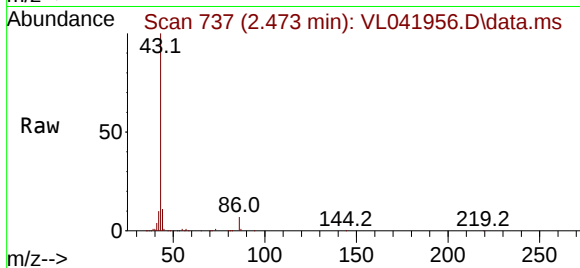




#23
 Vinyl Acetate
 Concen: 7.458 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

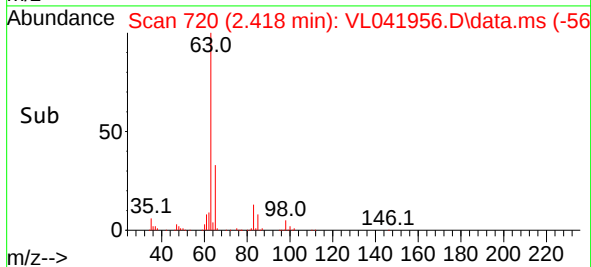
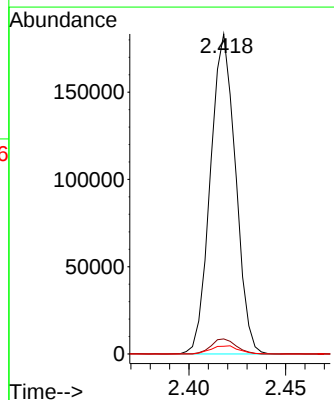
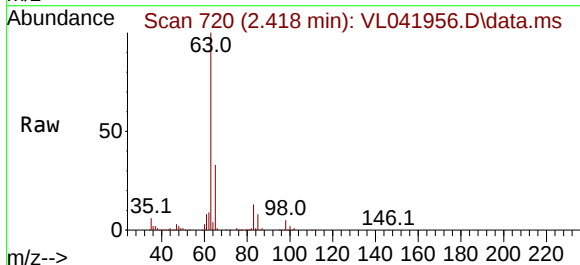
Instrument :
 MSVOA_L
 ClientSampleId :

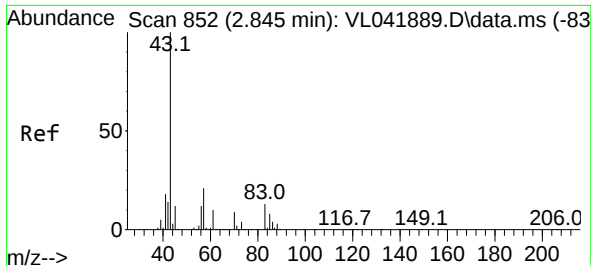
Tgt Ion:	43	Resp:	63670
Ion	Ratio	Lower	Upper
43	100		
86	7.4	6.2	9.4
42	9.3	8.5	12.7
44	8.0	4.8	7.2



#24
 1,1-Dichloroethane
 Concen: 10.557 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

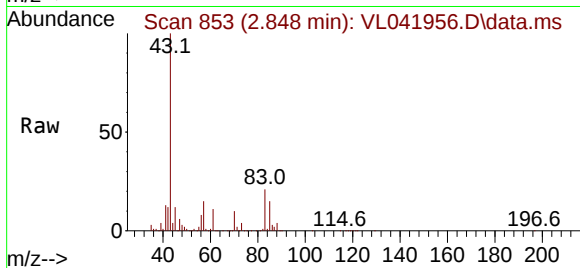
Tgt Ion:	63	Resp:	165409
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.6	7.8
100	2.4	1.4	4.2



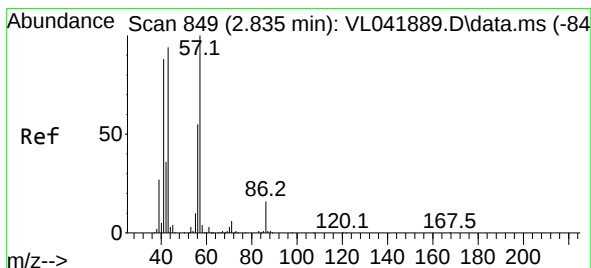
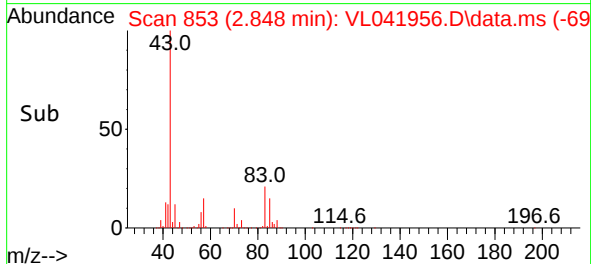
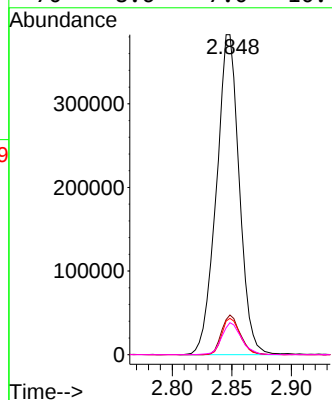


#25
Ethyl Acetate
Concen: 10.990 ppbv
RT: 2.848 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :

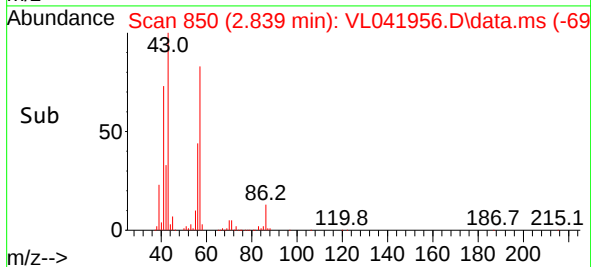
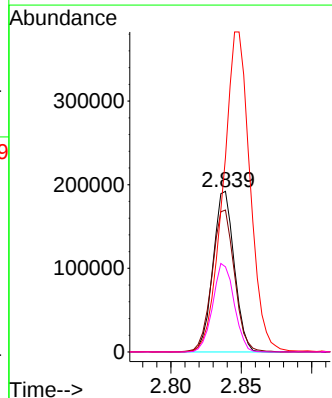
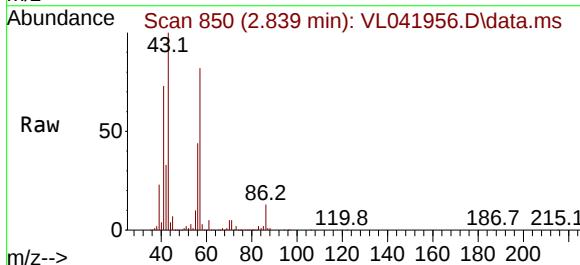


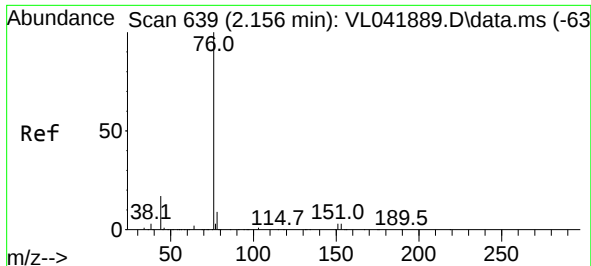
Tgt Ion: 43	Resp: 510398
Ion Ratio	Lower Upper
43 100	
45 10.2	8.2 12.2
61 9.2	7.4 11.0
70 8.6	7.0 10.4



#26
Hexane
Concen: 10.979 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 57	Resp: 201675
Ion Ratio	Lower Upper
57 100	
41 93.9	73.8 110.8
43 253.9	197.3 295.9
56 55.6	42.7 64.1

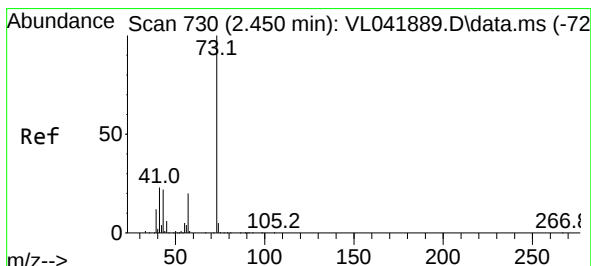
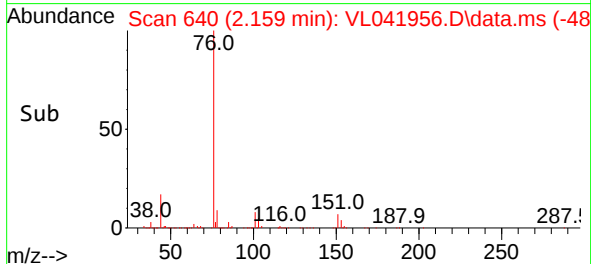
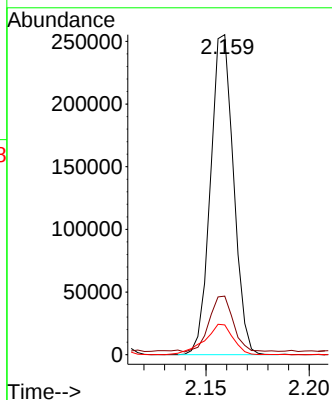
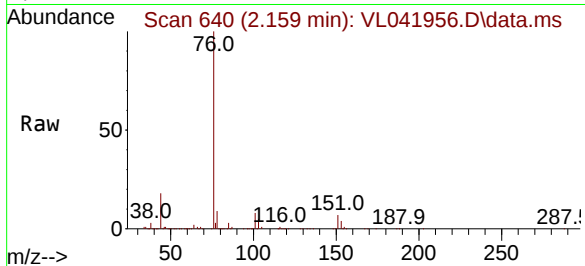




#27
Carbon Disulfide
Concen: 10.904 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

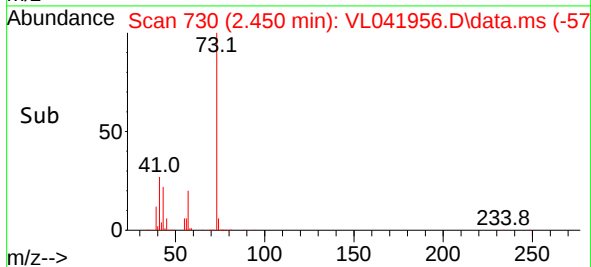
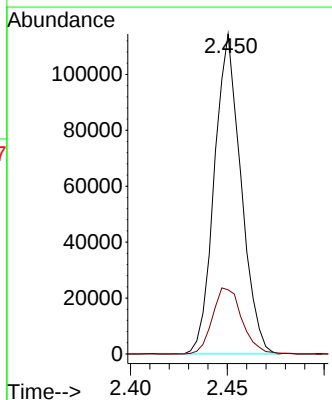
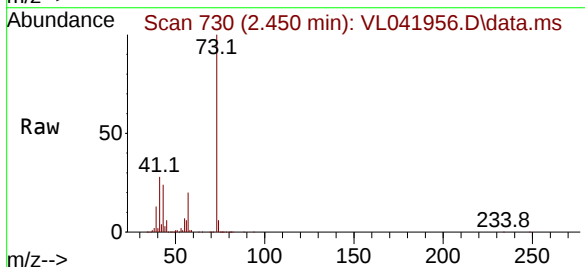
Instrument :
MSVOA_L
ClientSampleId :

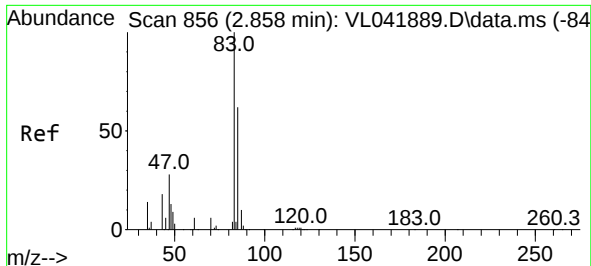
Tgt Ion: 76 Resp: 198206
Ion Ratio Lower Upper
76 100
44 19.8 15.4 23.0
78 11.8 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 7.805 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 73 Resp: 109580
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1





#29

Chloroform

Concen: 10.967 ppbv

RT: 2.861 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

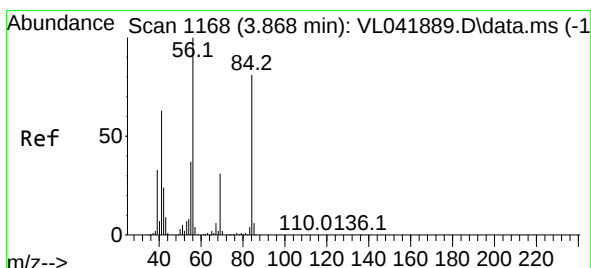
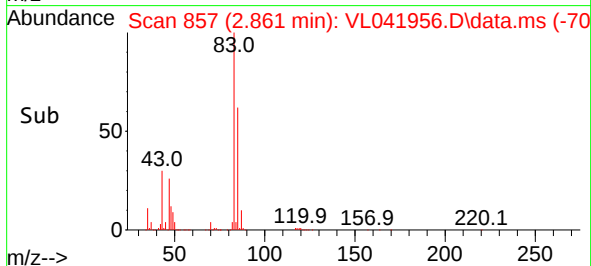
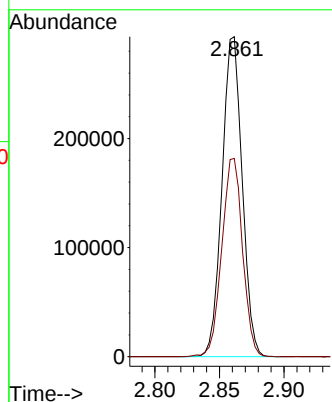
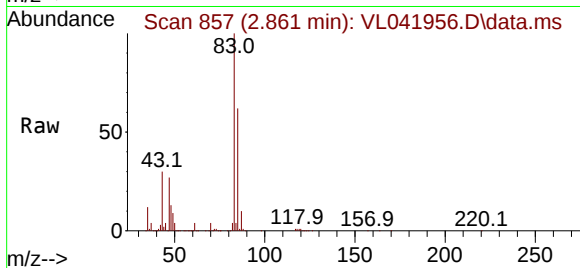
ClientSampleId :

Tgt Ion: 83 Resp: 318439

Ion Ratio Lower Upper

83 100

85 62.0 50.1 75.1



#30

Cyclohexane

Concen: 10.434 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. 0.007 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

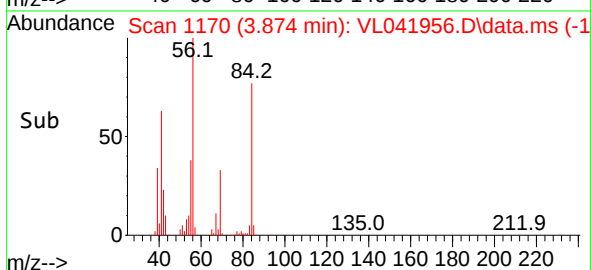
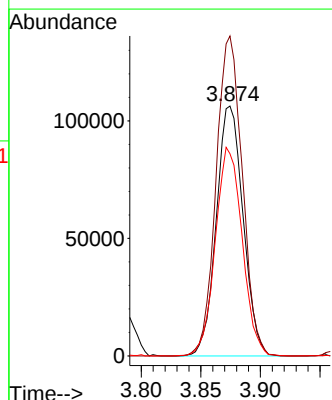
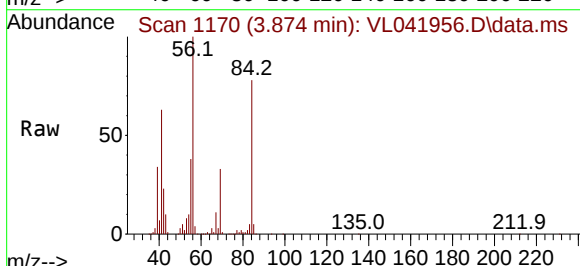
Tgt Ion: 84 Resp: 166235

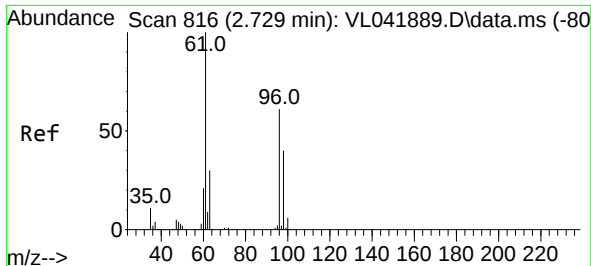
Ion Ratio Lower Upper

84 100

56 125.2 99.3 148.9

41 83.7 64.3 96.5

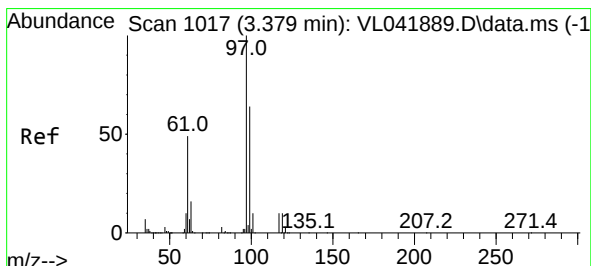
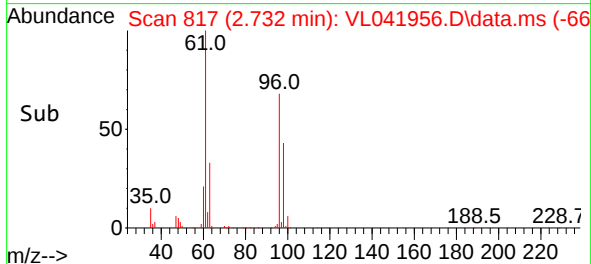
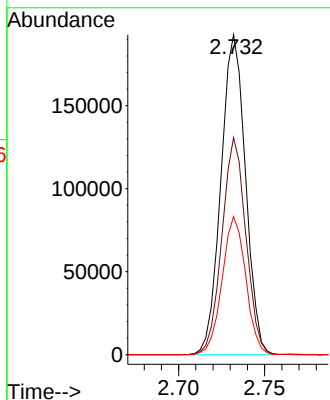
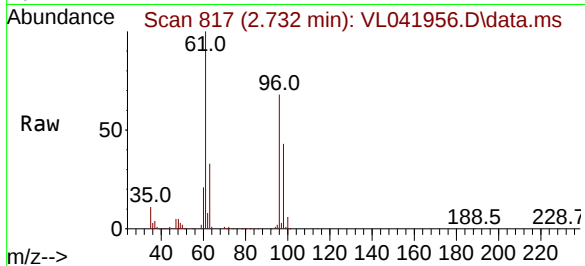




#31
 cis-1,2-Dichloroethene
 Concen: 9.891 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

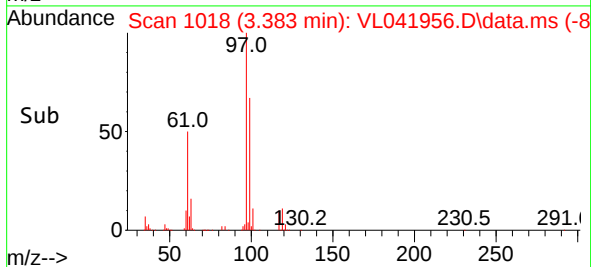
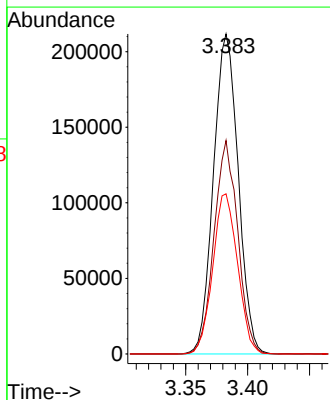
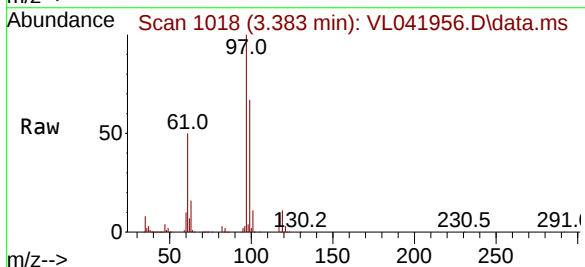
Instrument :
 MSVOA_L
 ClientSampleId :

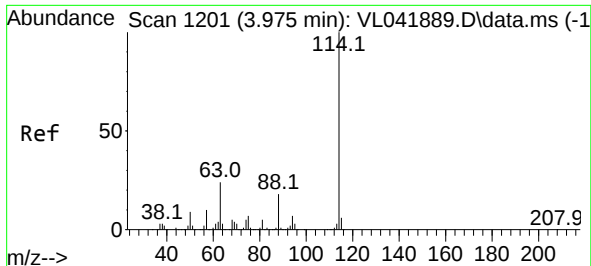
Tgt Ion: 61 Resp: 191314
 Ion Ratio Lower Upper
 61 100
 96 67.8 48.7 73.1
 98 43.1 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 10.617 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 97 Resp: 294982
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.1 76.7
 61 50.2 39.0 58.6

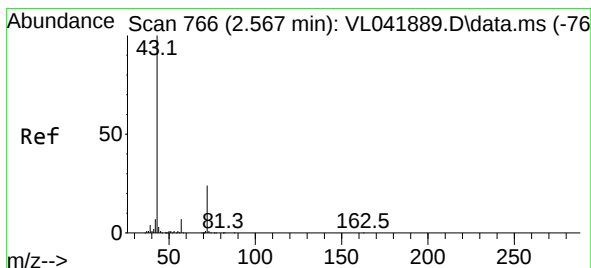
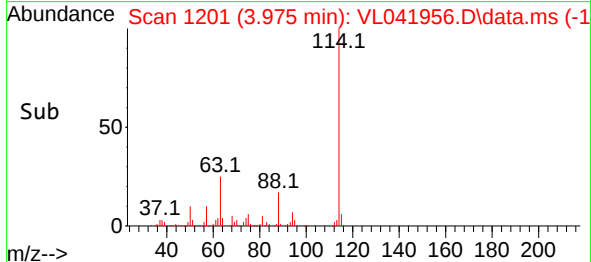
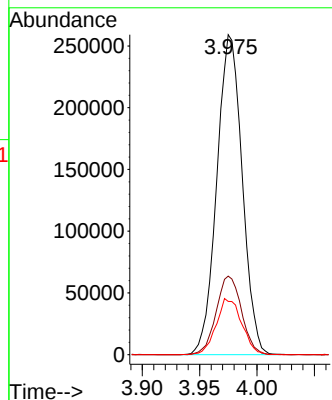
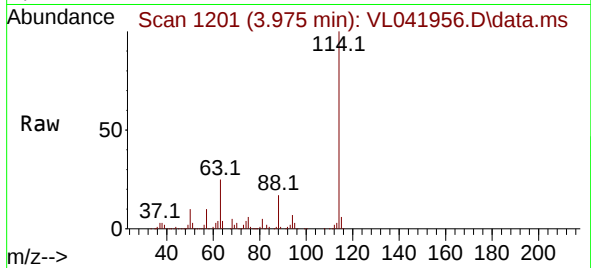




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

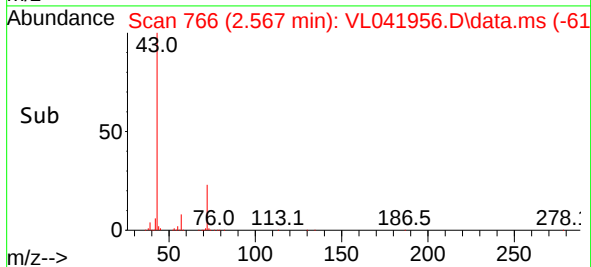
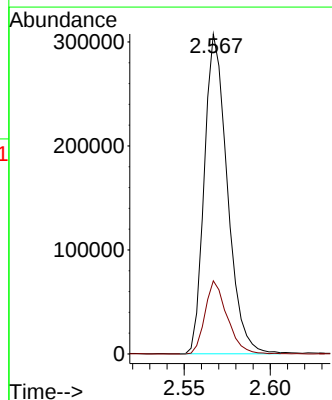
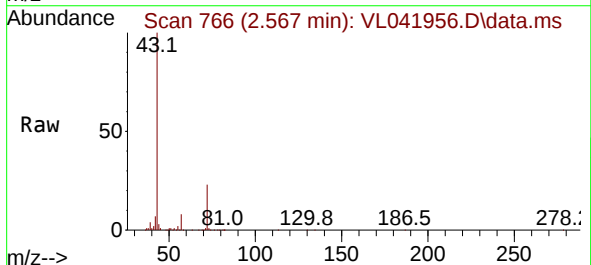
Instrument :
MSVOA_L
ClientSampleId :

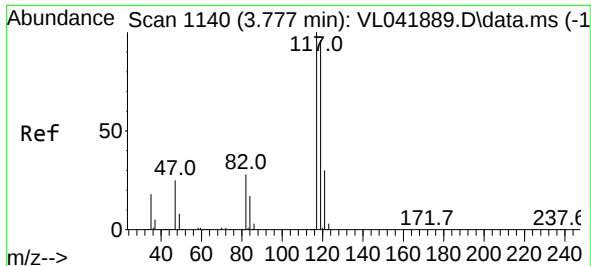
Tgt Ion:114 Resp: 398917
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 17.6 14.4 21.6



#34
2-Butanone
Concen: 11.267 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 43 Resp: 285825
Ion Ratio Lower Upper
43 100
72 22.2 18.6 28.0

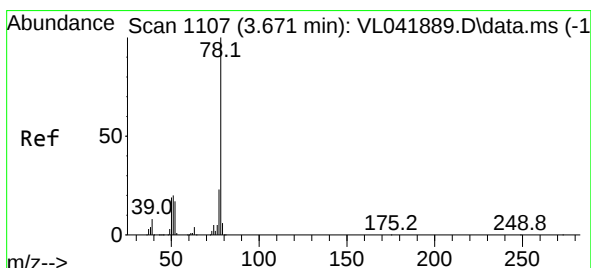
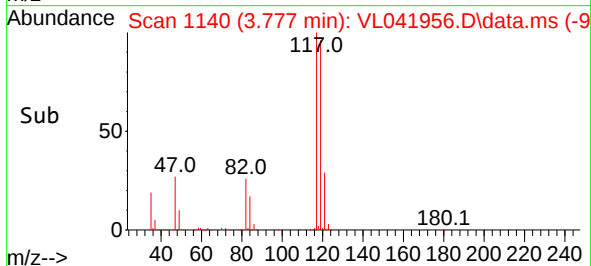
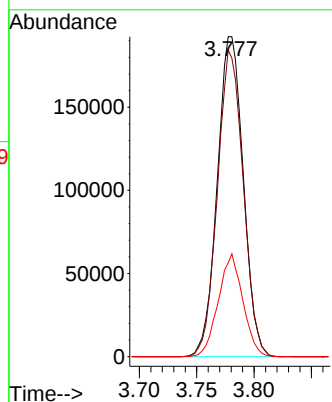
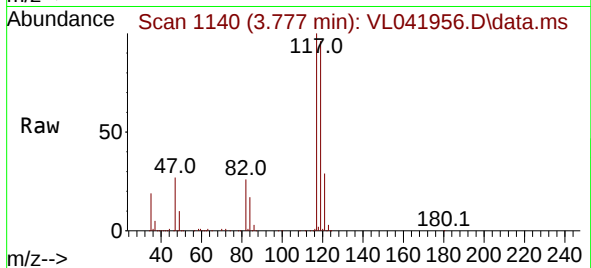




#35
Carbon Tetrachloride
Concen: 12.101 ppbv
RT: 3.777 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

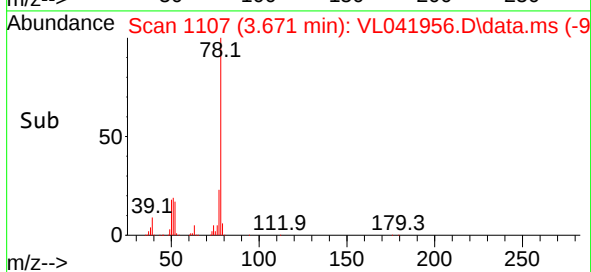
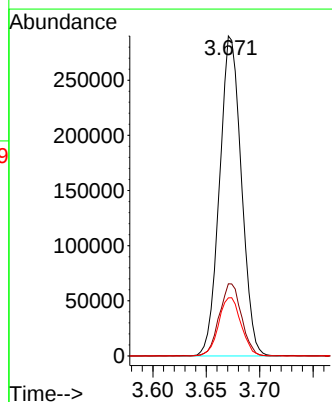
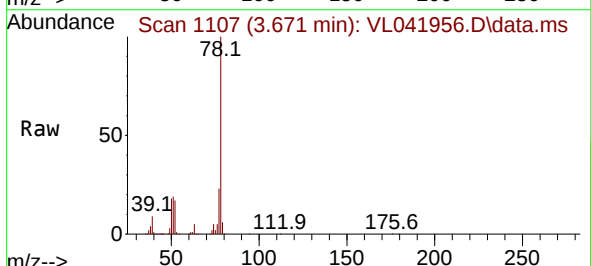
Instrument :
MSVOA_L
ClientSampleId :

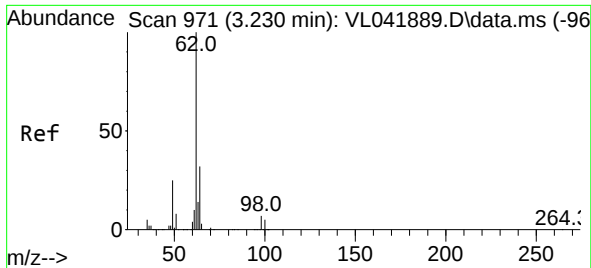
Tgt Ion:117 Resp: 303231
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3
121 29.3 23.8 35.6



#36
Benzene
Concen: 11.269 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 78 Resp: 412317
Ion Ratio Lower Upper
78 100
77 22.5 18.1 27.1
50 18.2 15.2 22.8

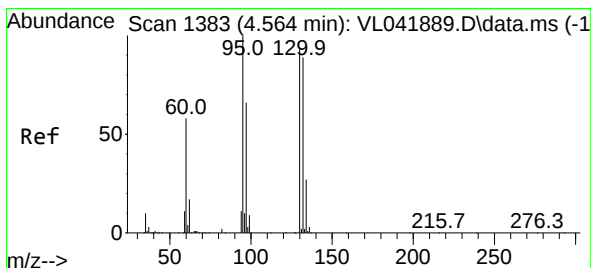
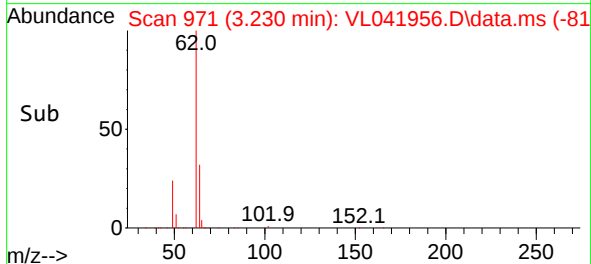
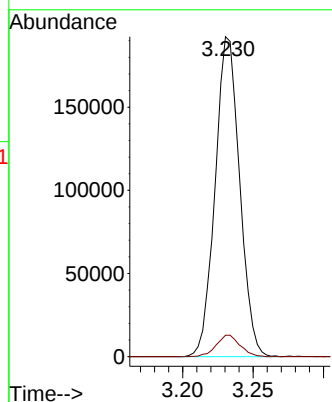
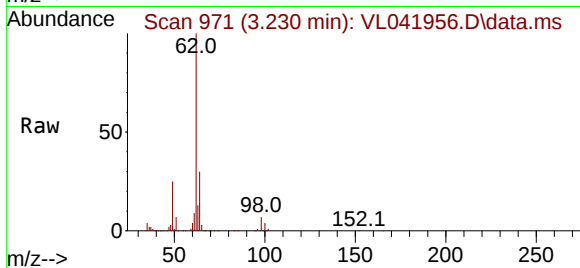




#37
1,2-Dichloroethane
Concen: 11.354 ppbv
RT: 3.230 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

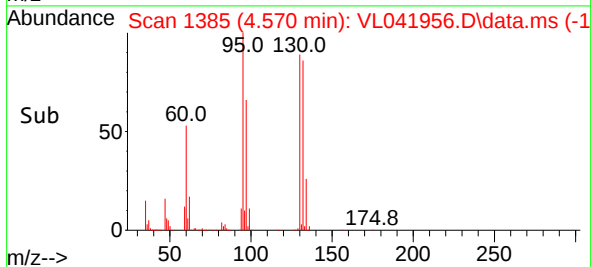
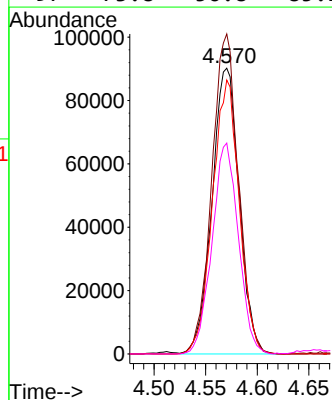
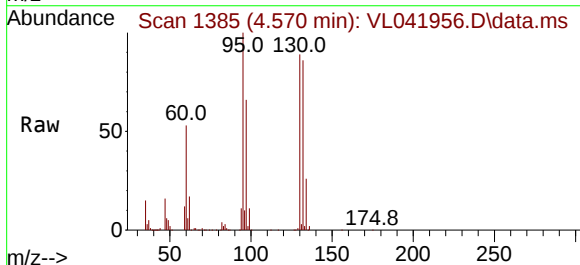
Instrument :
MSVOA_L
ClientSampleId :

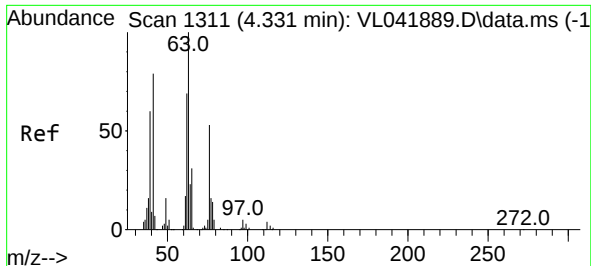
Tgt Ion: 62 Resp: 233303
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.0



#38
Trichloroethene
Concen: 11.395 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. 0.007 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:130 Resp: 165446
Ion Ratio Lower Upper
130 100
95 112.0 85.8 128.8
132 95.8 76.5 114.7
97 73.8 56.8 85.2





#39

1,2-Dichloropropane

Concen: 11.351 ppbv

RT: 4.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

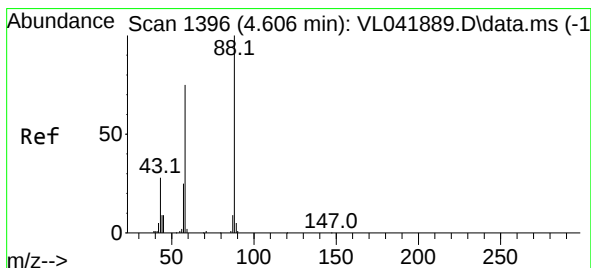
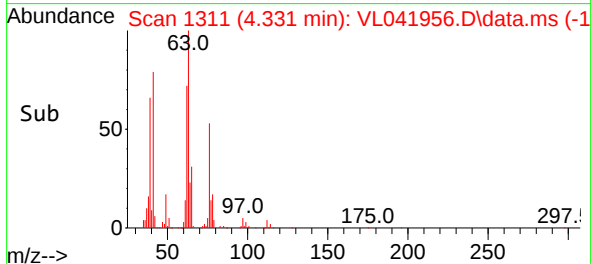
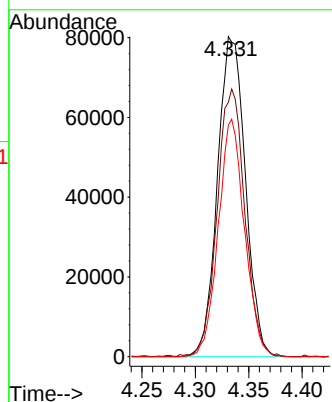
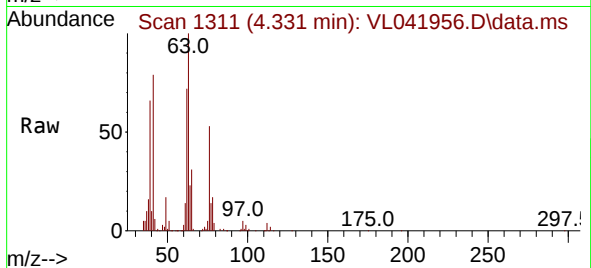
Tgt Ion: 63 Resp: 145676

Ion Ratio Lower Upper

63 100

41 79.1 63.7 95.5

62 72.4 55.4 83.2



#40

1,4-Dioxane

Concen: 7.027 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Tgt Ion: 88 Resp: 45547

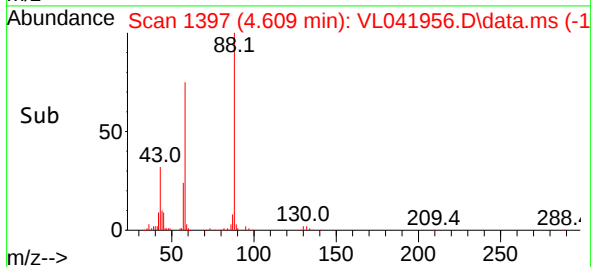
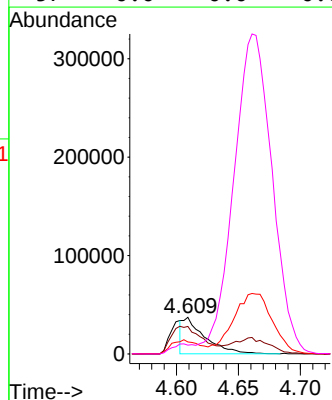
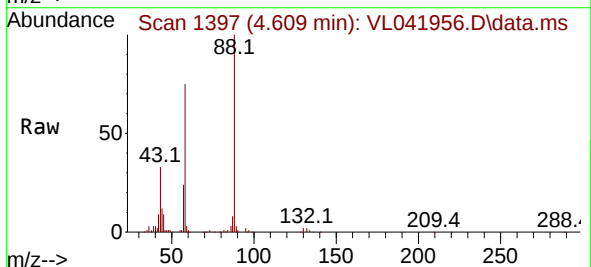
Ion Ratio Lower Upper

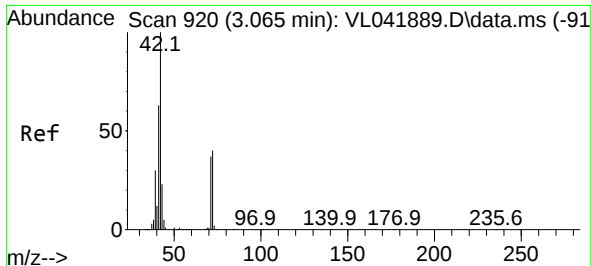
88 100

58 106.0 62.1 93.1#

43 0.0 0.0 0.0

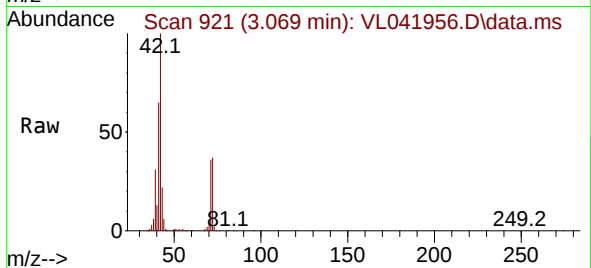
57 0.0 0.0 0.0



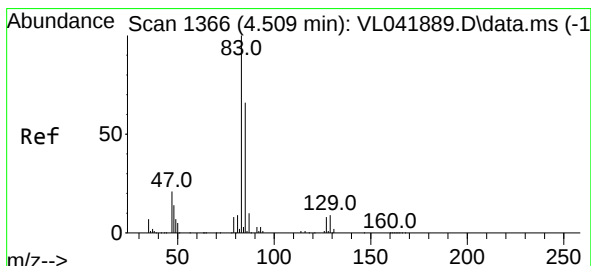
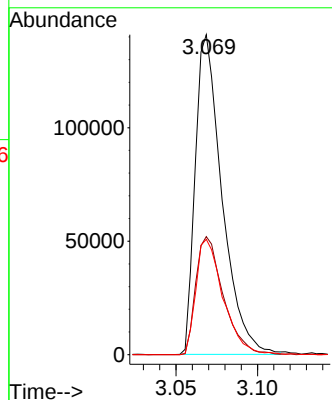
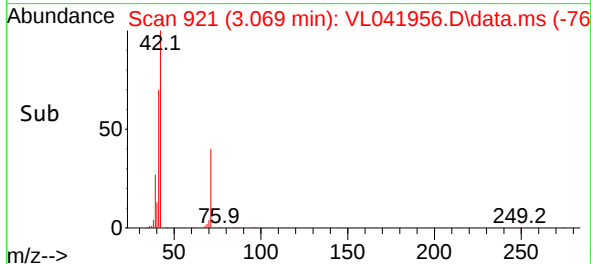


#41
Tetrahydrofuran
Concen: 11.655 ppbv
RT: 3.069 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

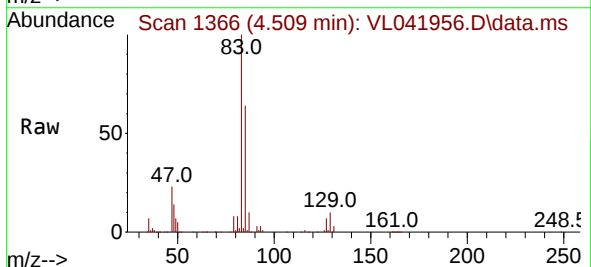
Instrument :
MSVOA_L
ClientSampleId :



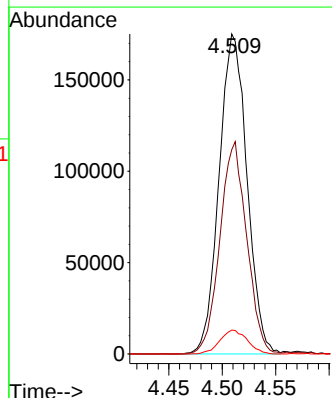
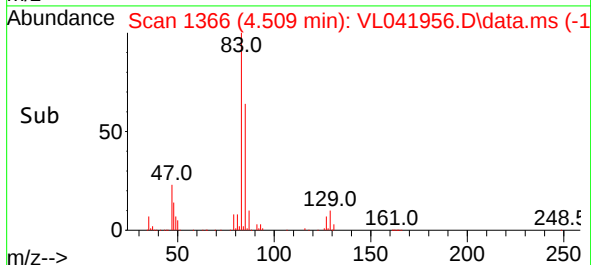
Tgt Ion: 42 Resp: 160697
Ion Ratio Lower Upper
42 100
72 38.2 32.3 48.5
71 36.9 29.9 44.9

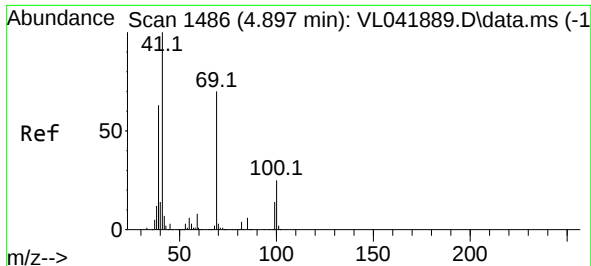


#42
Bromodichloromethane
Concen: 11.546 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13



Tgt Ion: 83 Resp: 318106
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8
127 7.4 6.4 9.6

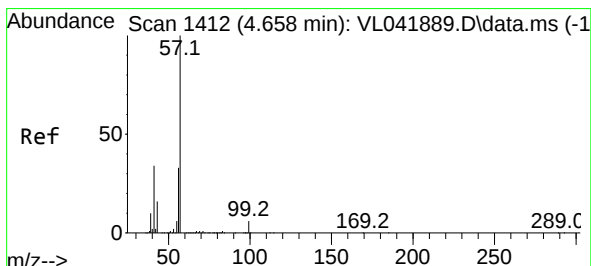
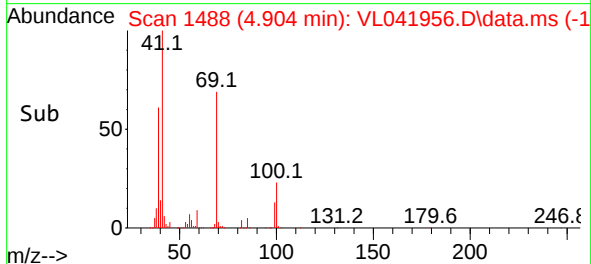
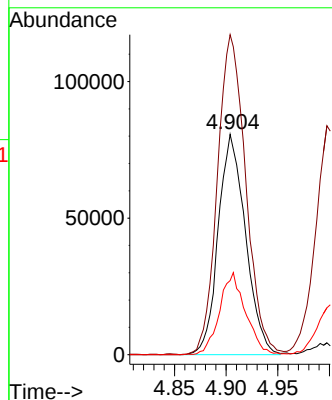
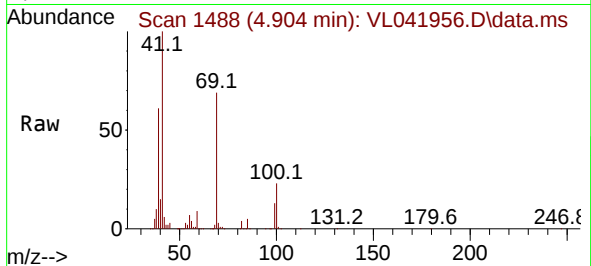




#43
Methyl Methacrylate
Concen: 10.913 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. 0.007 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

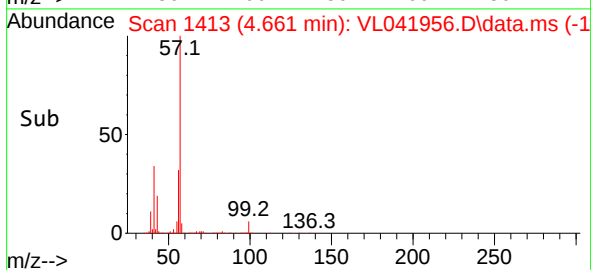
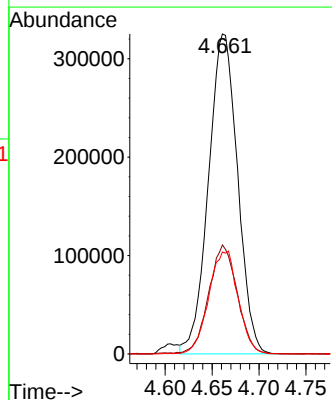
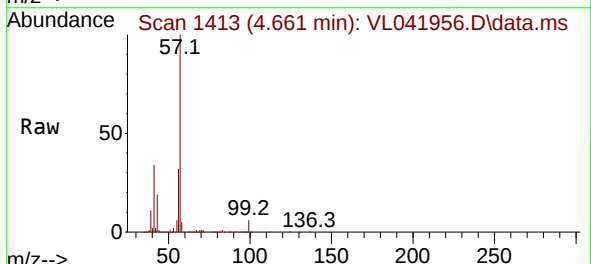
Instrument :
MSVOA_L
ClientSampleId :

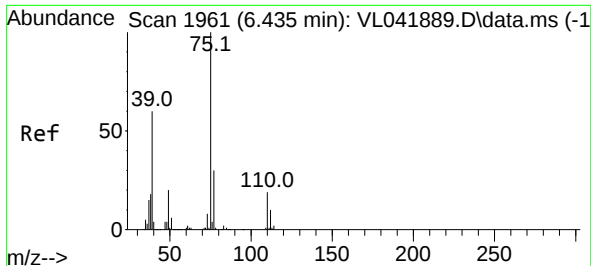
Tgt Ion: 69 Resp: 148336
Ion Ratio Lower Upper
69 100
41 150.7 118.6 177.8
100 35.5 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 11.845 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 57 Resp: 700987
Ion Ratio Lower Upper
57 100
41 33.8 26.6 40.0
56 32.4 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 10.759 ppbv

RT: 6.444 min Scan# 1961

Delta R.T. 0.010 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

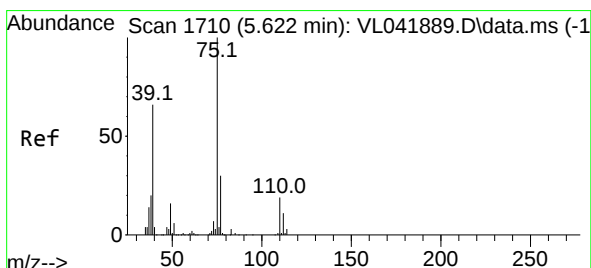
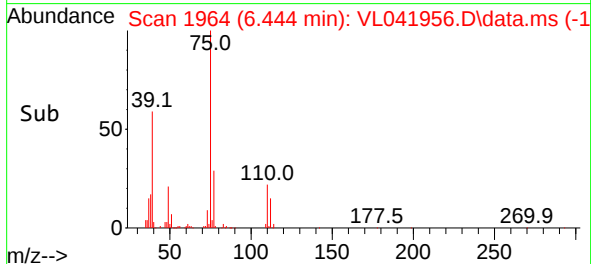
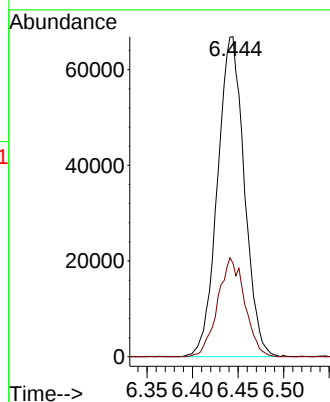
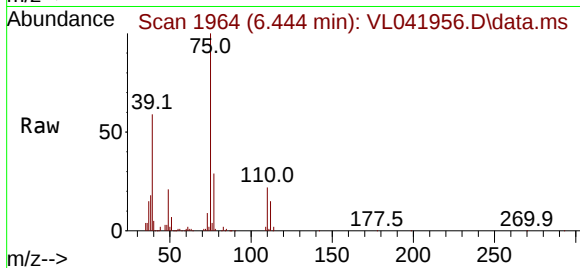
ClientSampleId :

Tgt Ion: 75 Resp: 136885

Ion Ratio Lower Upper

75 100

77 29.2 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 10.942 ppbv

RT: 5.625 min Scan# 1711

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

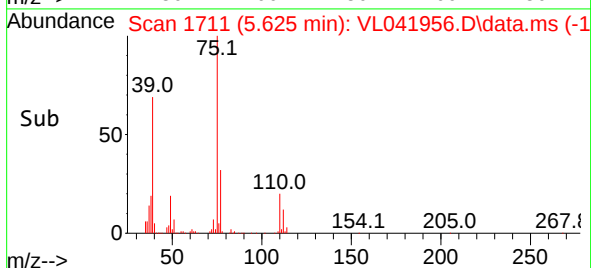
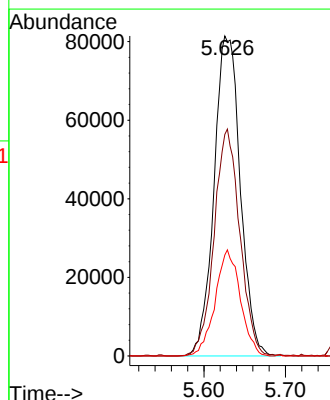
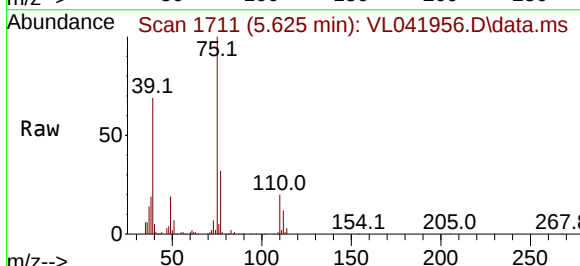
Tgt Ion: 75 Resp: 182770

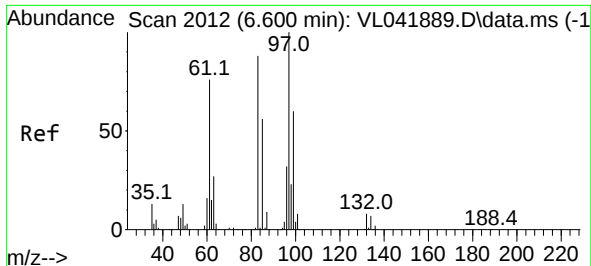
Ion Ratio Lower Upper

75 100

39 69.1 53.1 79.7

77 31.6 23.8 35.8



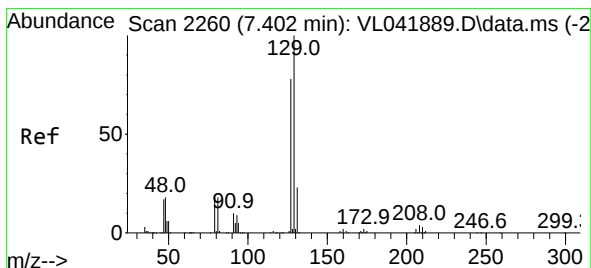
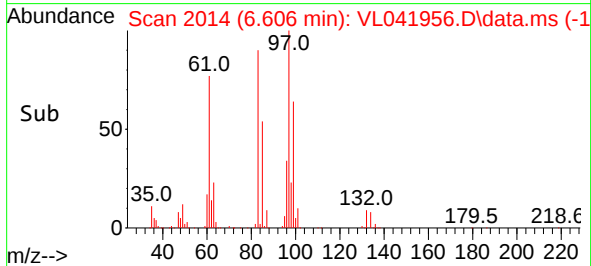
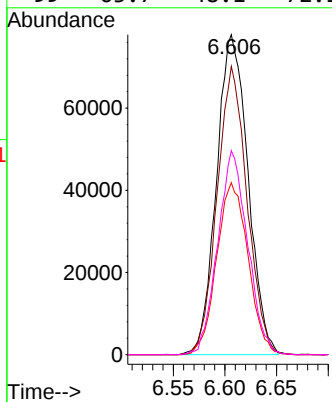
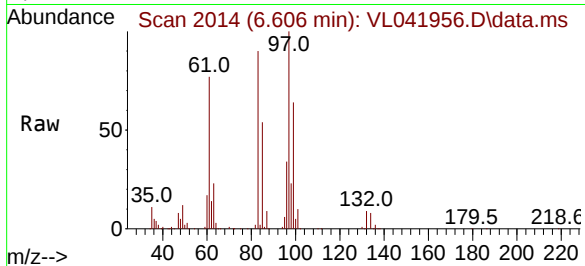


#47
 1,1,2-Trichloroethane
 Concen: 12.124 ppbv
 RT: 6.606 min Scan# 2012
 Delta R.T. 0.007 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 97 Resp: 164917

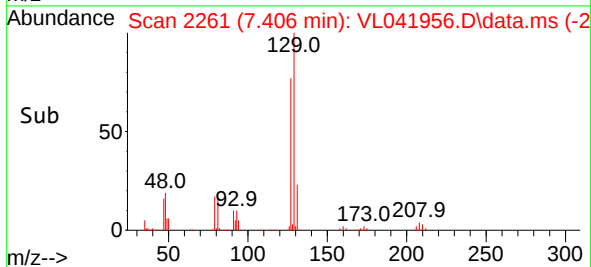
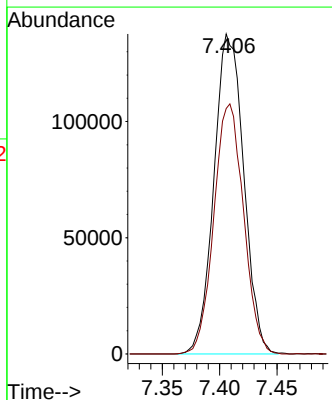
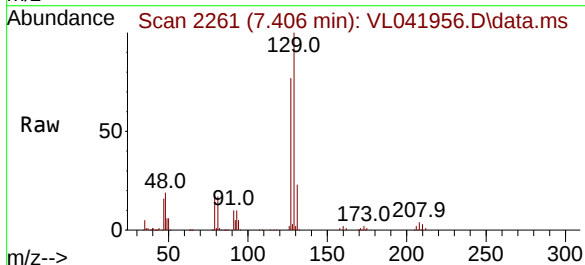
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.4	105.6
85	53.8	45.0	67.4
99	63.7	48.1	72.1

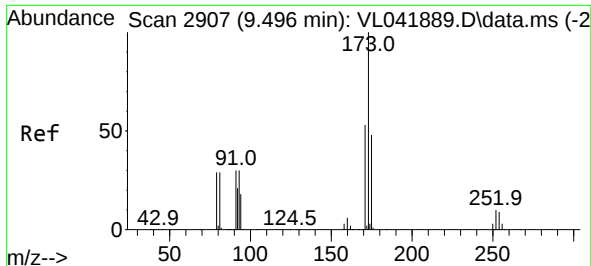


#48
 Dibromochloromethane
 Concen: 11.850 ppbv
 RT: 7.406 min Scan# 2261
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 129 Resp: 248718

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.3	117.8





#49

Bromoform

Concen: 12.027 ppbv

RT: 9.500 min Scan# 2907

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

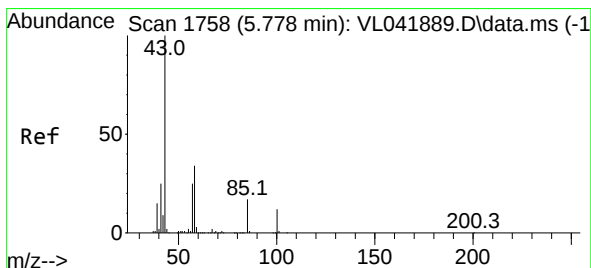
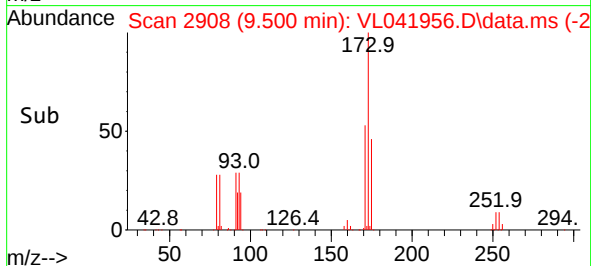
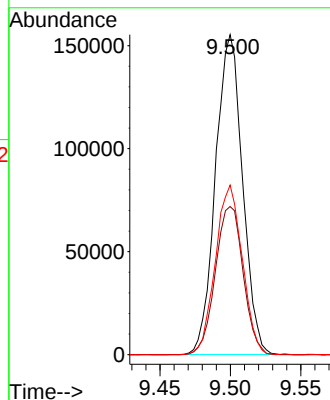
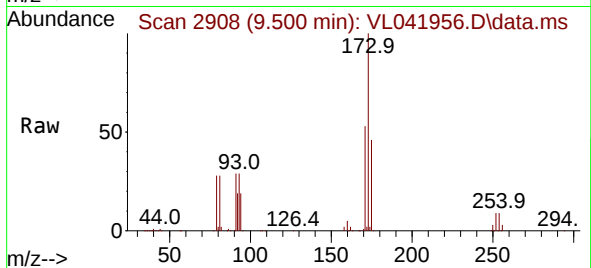
Tgt Ion:173 Resp: 207343

Ion Ratio Lower Upper

173 100

175 47.8 38.4 57.6

171 52.9 41.4 62.2



#50

4-Methyl-2-Pentanone

Concen: 11.843 ppbv

RT: 5.781 min Scan# 1759

Delta R.T. 0.003 min

Lab File: VL041956.D

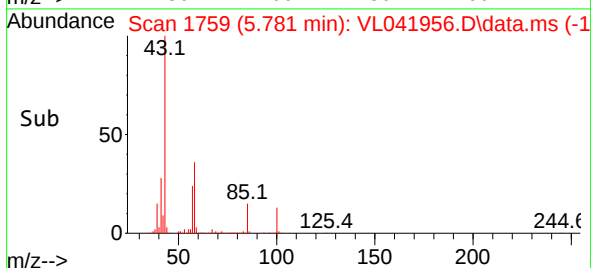
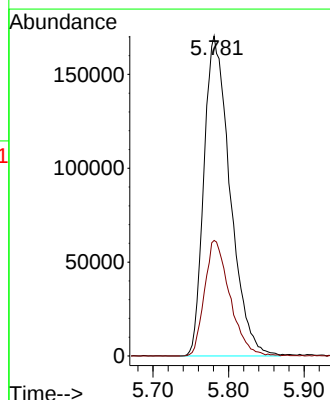
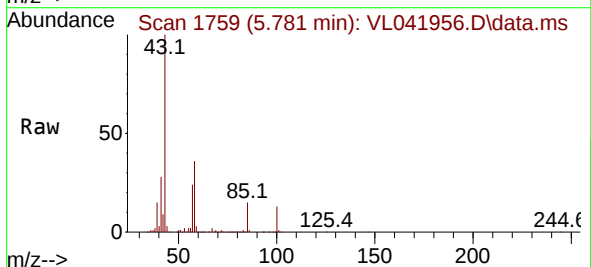
Acq: 27 Jan 2025 17:13

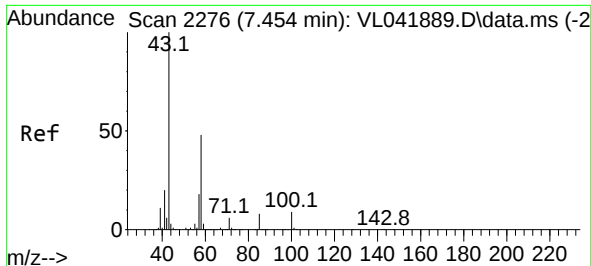
Tgt Ion: 43 Resp: 410141

Ion Ratio Lower Upper

43 100

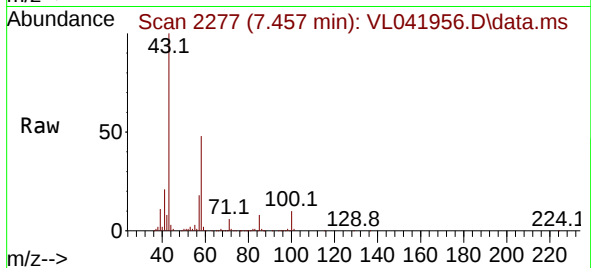
58 35.1 29.0 43.6



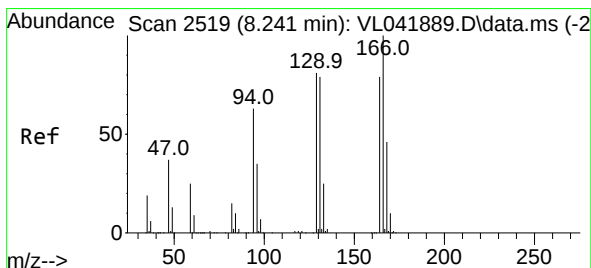
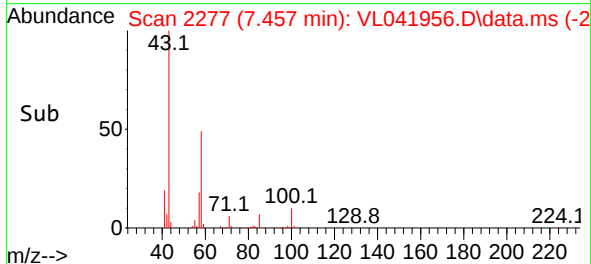
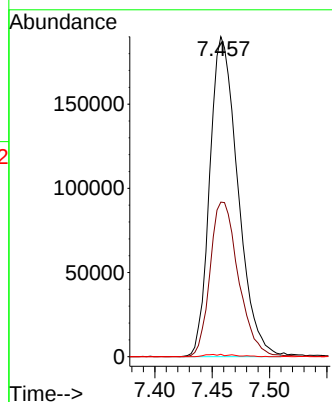


#51
2-Hexanone
Concen: 12.171 ppbv
RT: 7.457 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :

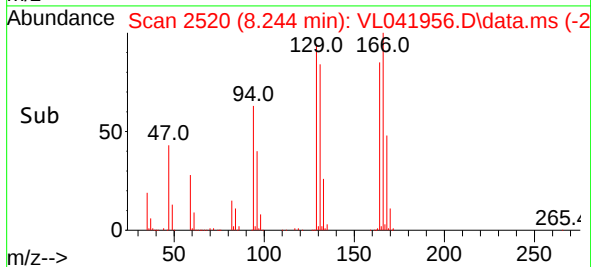
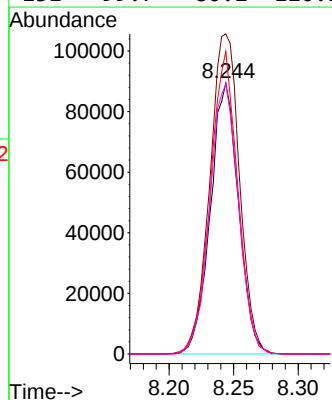
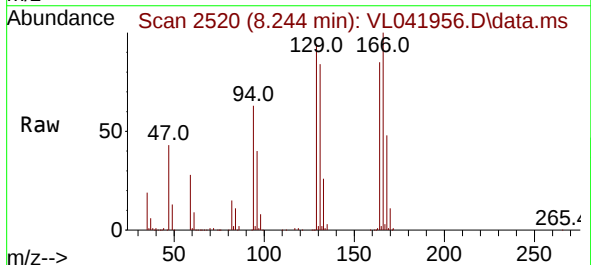


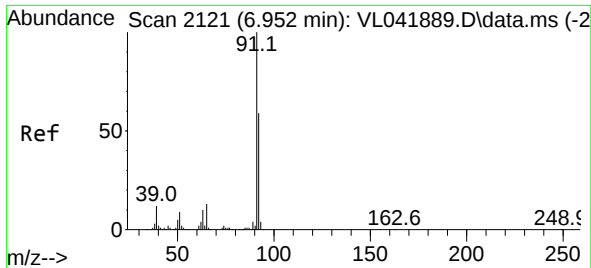
Tgt Ion: 43 Resp: 323889
Ion Ratio Lower Upper
43 100
58 49.1 40.4 60.6
98 0.7 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.654 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:164 Resp: 135165
Ion Ratio Lower Upper
164 100
166 118.0 100.8 151.2
129 111.6 82.0 123.0
131 99.7 80.2 120.2

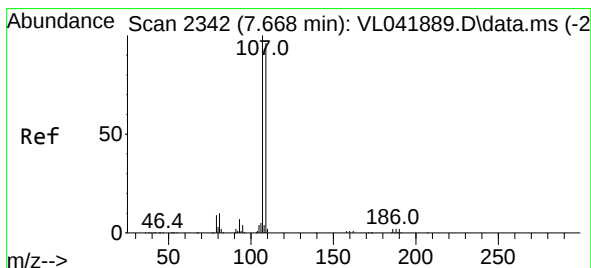
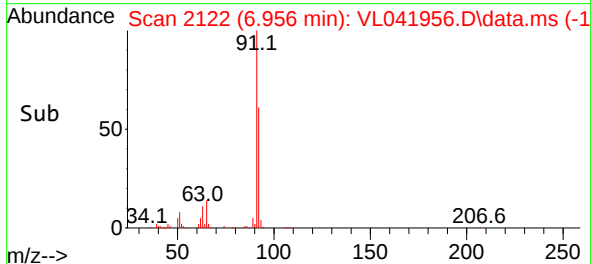
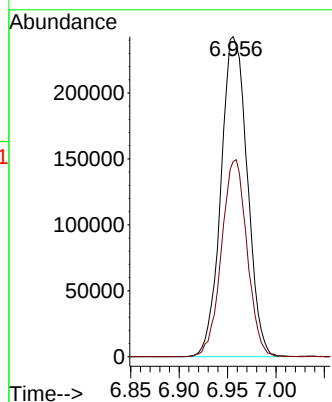
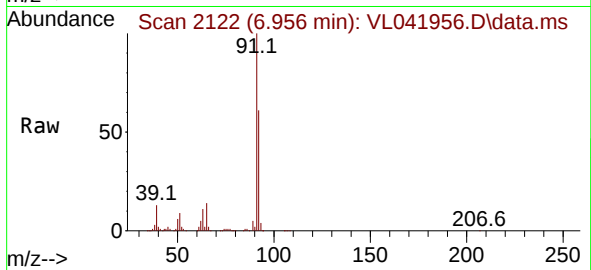




#53
Toluene
Concen: 11.542 ppbv
RT: 6.956 min Scan# 2121
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

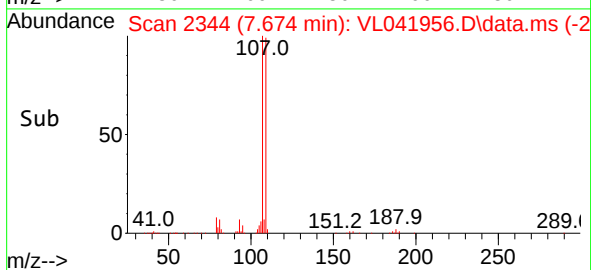
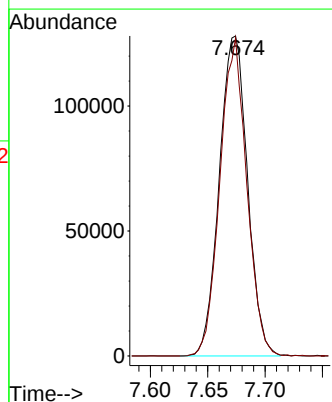
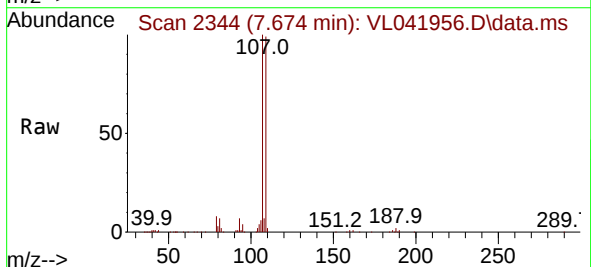
Instrument :
MSVOA_L
ClientSampleId :

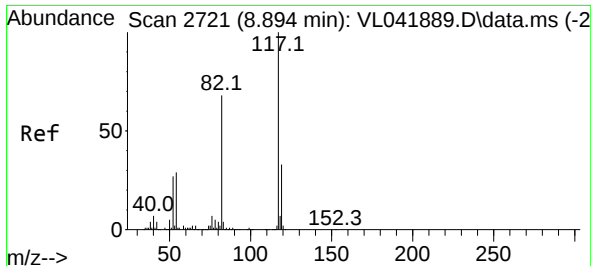
Tgt Ion: 91 Resp: 460000
Ion Ratio Lower Upper
91 100
92 59.7 47.4 71.0



#54
1,2-Dibromoethane
Concen: 11.693 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.007 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 107 Resp: 218664
Ion Ratio Lower Upper
107 100
109 99.3 76.7 115.1

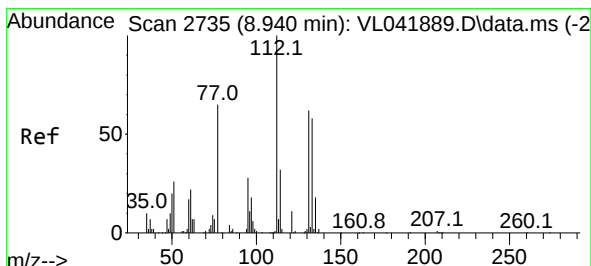
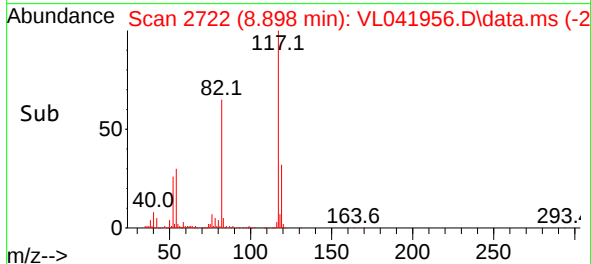
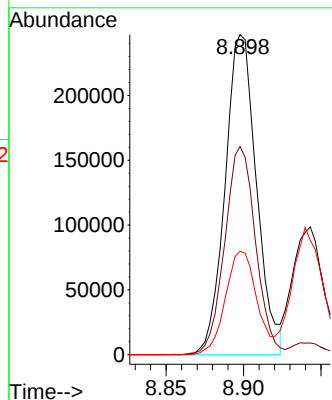
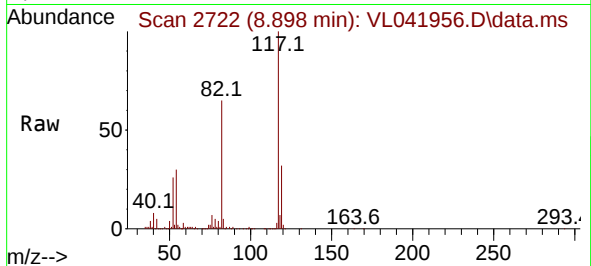




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

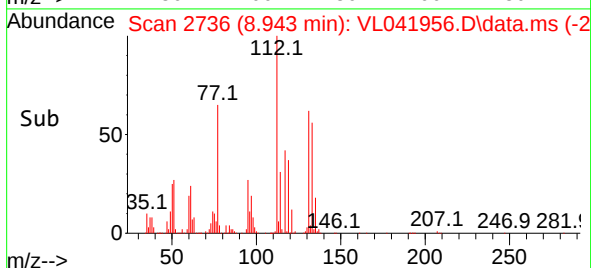
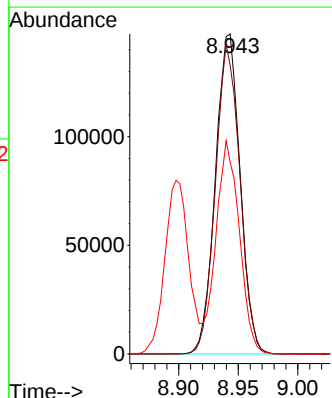
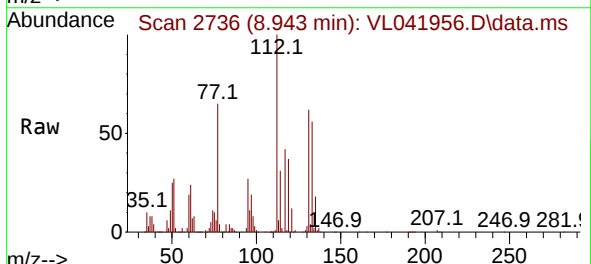
Instrument :
MSVOA_L
ClientSampleId :

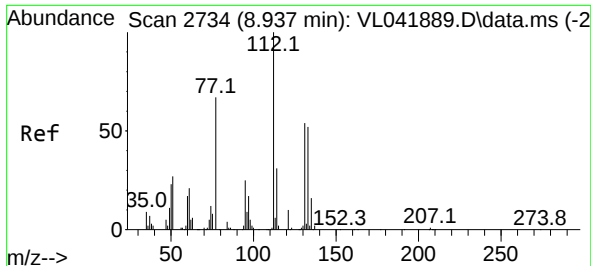
Tgt Ion:117 Resp: 348394
Ion Ratio Lower Upper
117 100
82 67.7 54.2 81.4
119 32.7 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 12.228 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:131 Resp: 212542
Ion Ratio Lower Upper
131 100
133 95.6 76.0 114.0
119 63.7 49.7 74.5

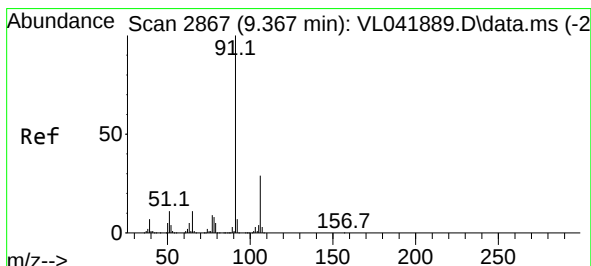
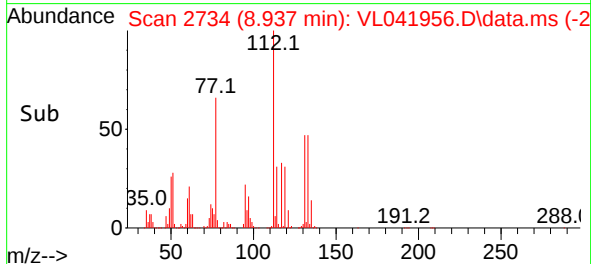
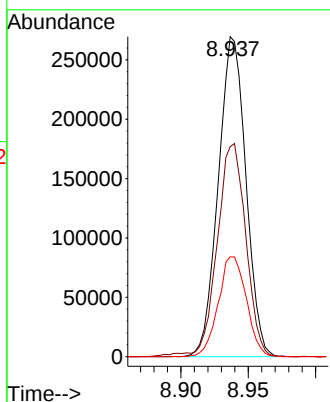
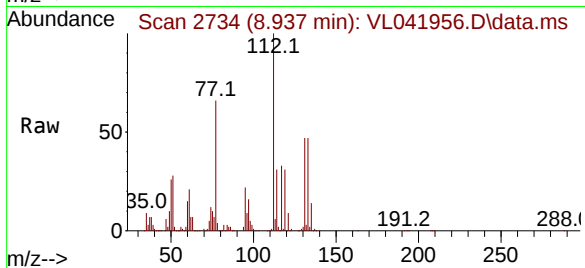




#57
Chlorobenzene
Concen: 11.958 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

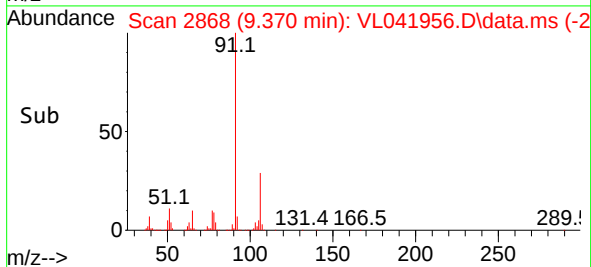
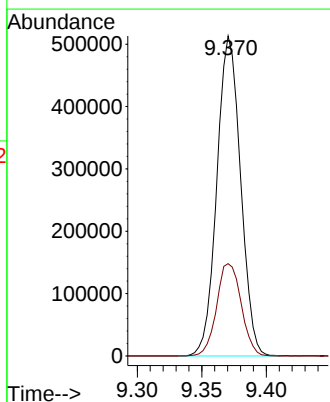
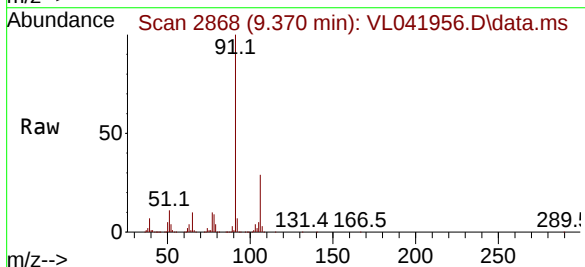
Instrument :
MSVOA_L
ClientSampleId :

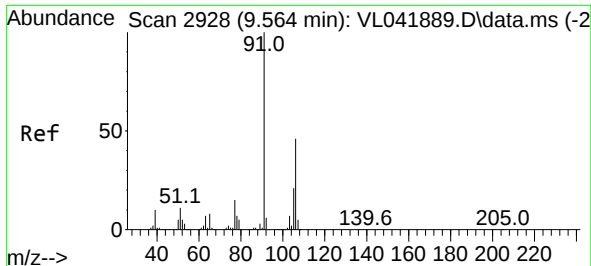
Tgt Ion:112 Resp: 384291
Ion Ratio Lower Upper
112 100
77 65.6 54.6 82.0
114 31.1 28.2 34.4



#58
Ethyl Benzene
Concen: 12.018 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 91 Resp: 654353
Ion Ratio Lower Upper
91 100
106 28.9 23.1 34.7





#59

m/p-Xylene

Concen: 13.184 ppbv

RT: 9.565 min Scan# 2928

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

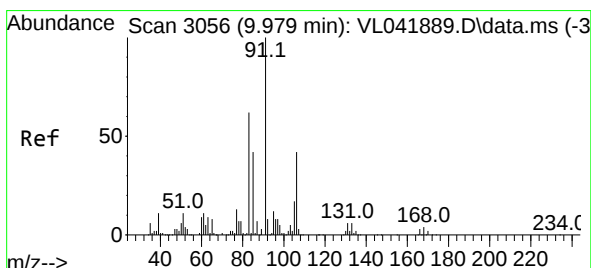
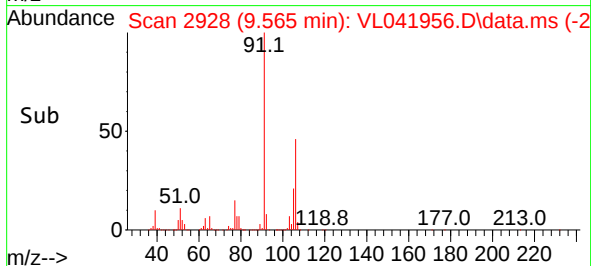
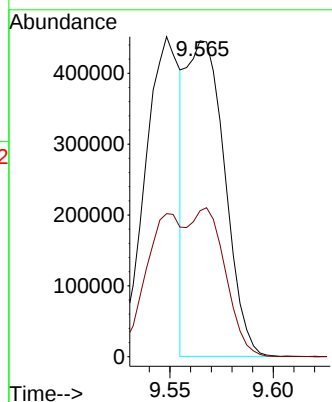
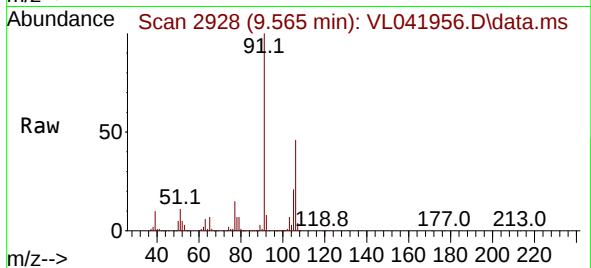
ClientSampleId :

Tgt Ion: 91 Resp: 575383

Ion Ratio Lower Upper

91 100

106 88.5 36.0 54.0#



#60

o-Xylene

Concen: 12.635 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.000 min

Lab File: VL041956.D

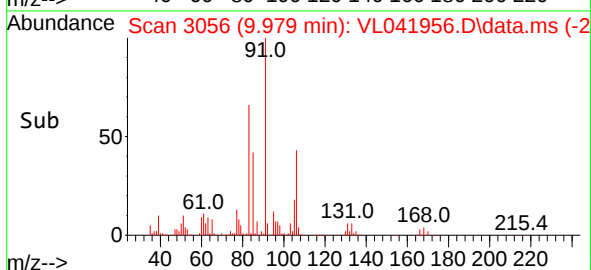
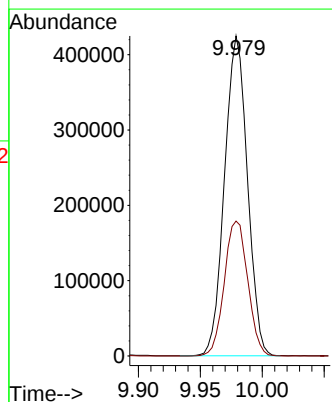
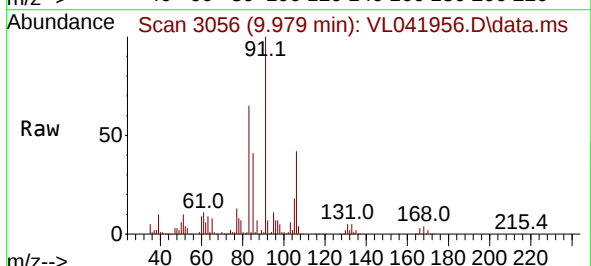
Acq: 27 Jan 2025 17:13

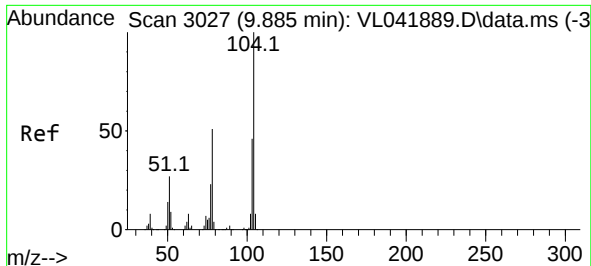
Tgt Ion: 91 Resp: 547340

Ion Ratio Lower Upper

91 100

106 43.2 21.3 63.9

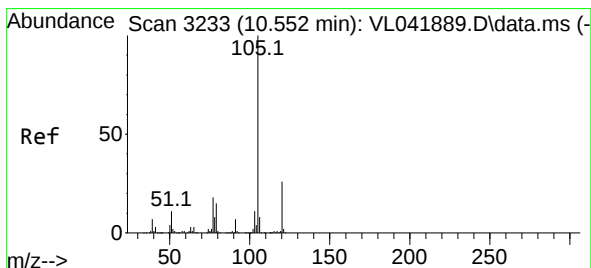
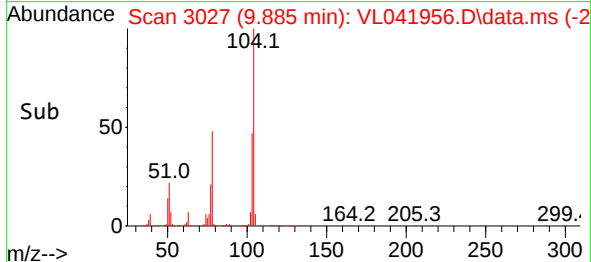
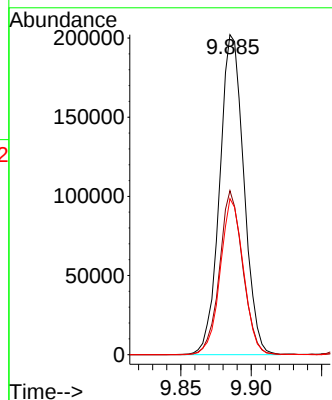
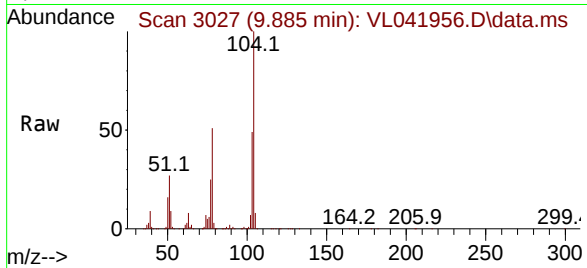




#61
Styrene
Concen: 12.463 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

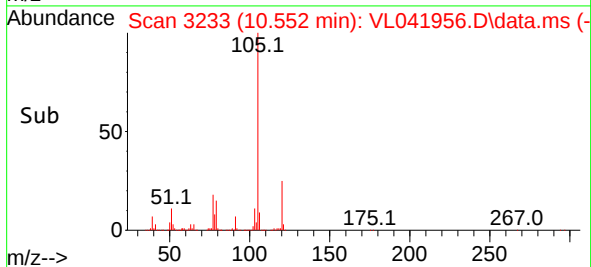
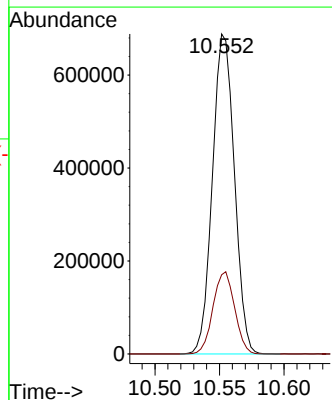
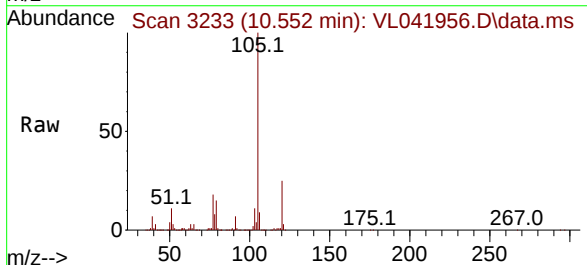
Instrument :
MSVOA_L
ClientSampleId :

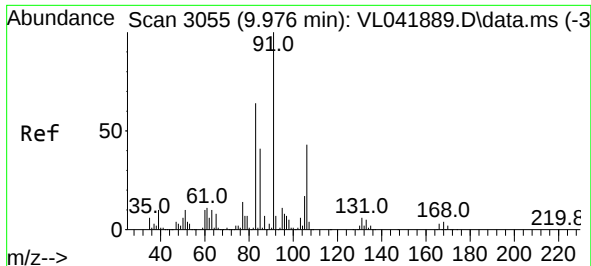
Tgt Ion:104 Resp: 242191
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.6
103 46.7 37.2 55.8



#62
Isopropylbenzene
Concen: 12.129 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:105 Resp: 813048
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5

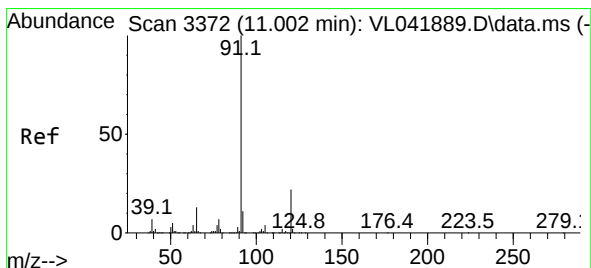
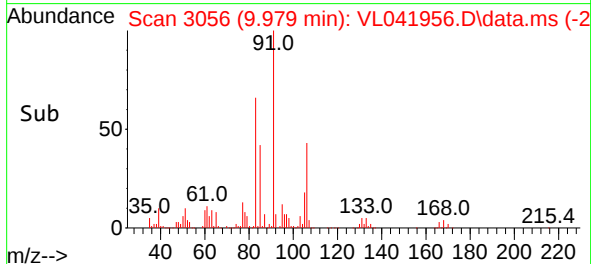
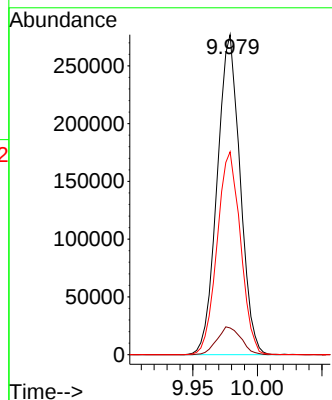
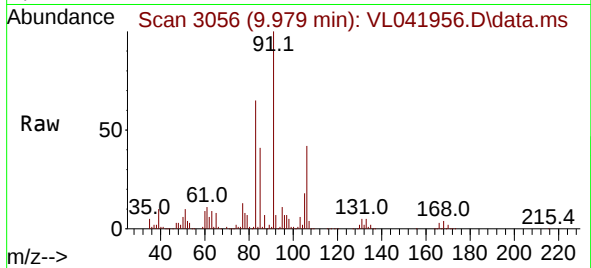




#63
1,1,2,2-Tetrachloroethane
Concen: 12.334 ppbv
RT: 9.979 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

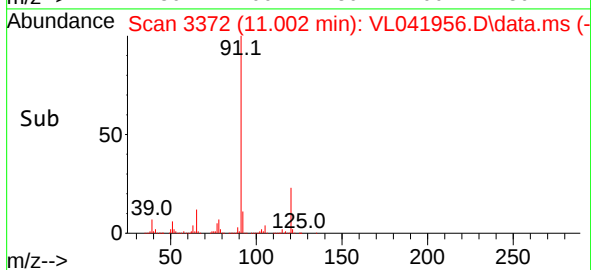
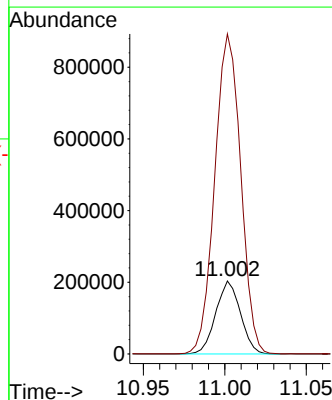
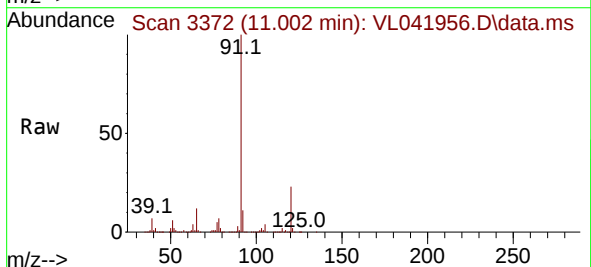
Instrument :
MSVOA_L
ClientSampleId :

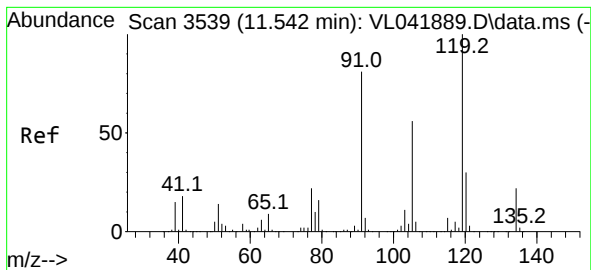
Tgt Ion: 83 Resp: 341408
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 64.8 32.4 97.2



#64
n-propylbenzene
Concen: 12.621 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:120 Resp: 213765
Ion Ratio Lower Upper
120 100
91 463.3 374.1 561.1

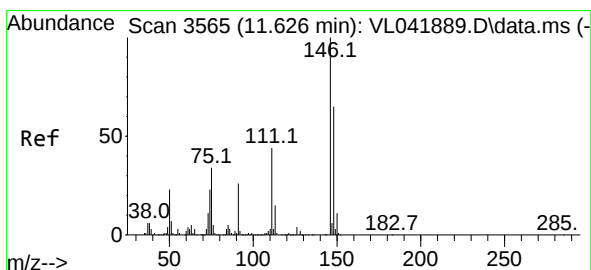
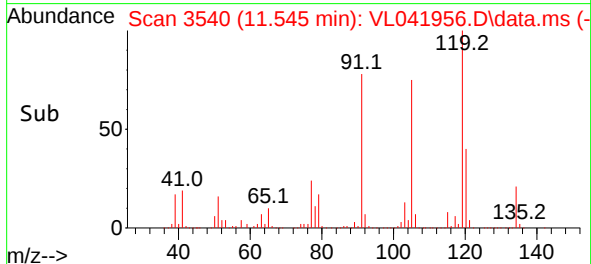
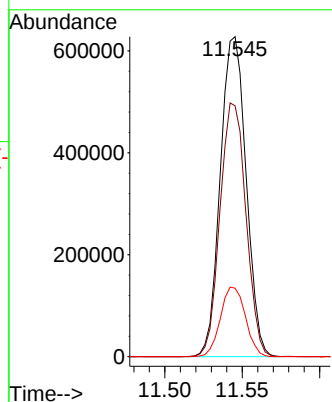
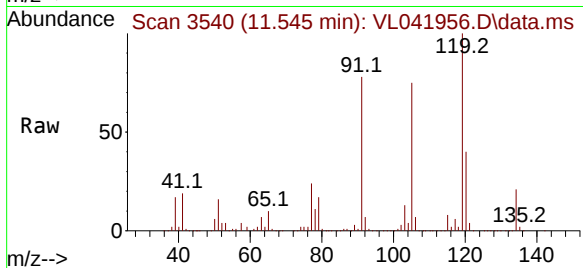




#65
tert-Butylbenzene
Concen: 11.920 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

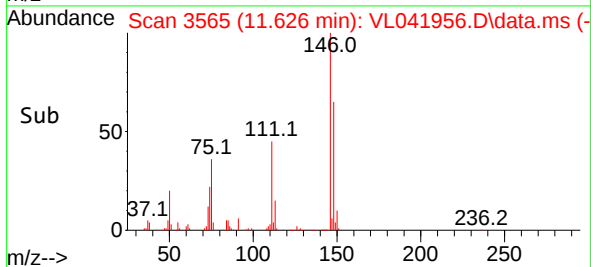
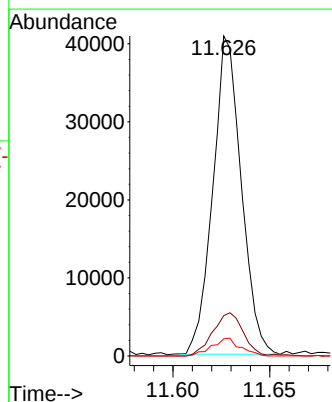
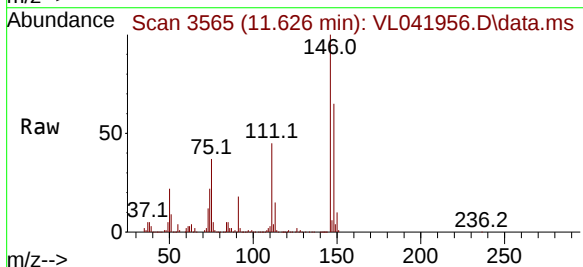
Instrument :
MSVOA_L
ClientSampleId :

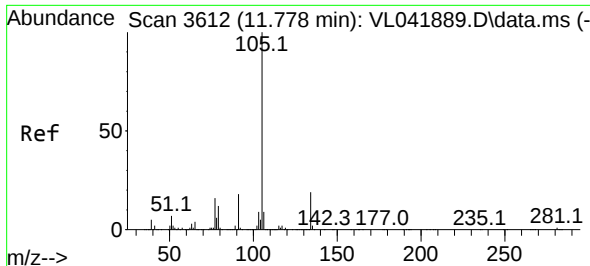
Tgt Ion:119 Resp: 728163
Ion Ratio Lower Upper
119 100
91 79.5 64.6 97.0
134 21.1 16.8 25.2



#66
Benzyl Chloride
Concen: 10.989 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 91 Resp: 41547
Ion Ratio Lower Upper
91 100
126 14.8 14.1 21.1
128 5.6 4.3 6.5

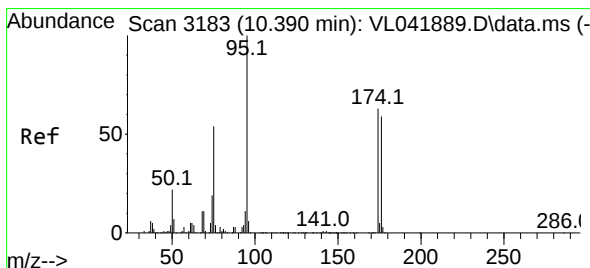
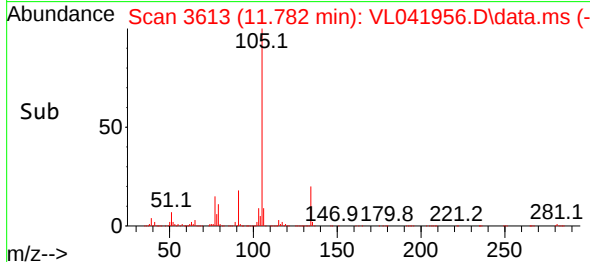
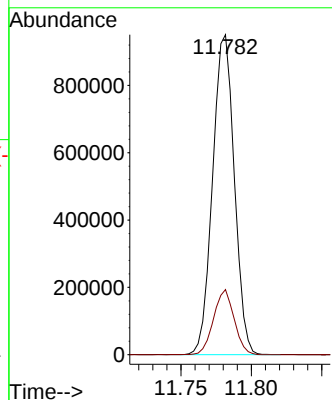
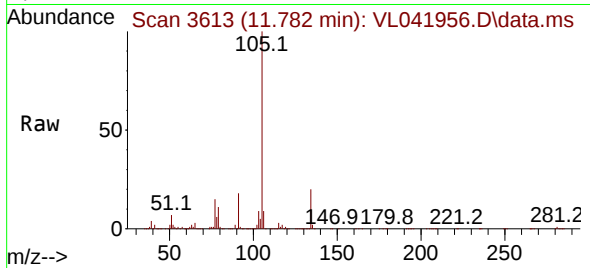




#67
 sec-Butylbenzene
 Concen: 12.118 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

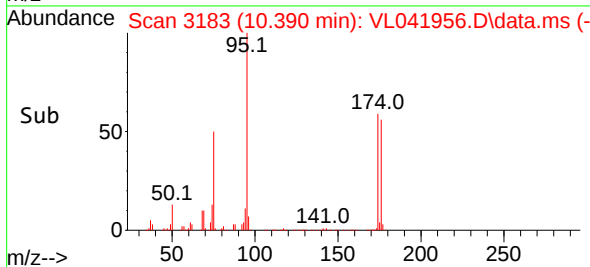
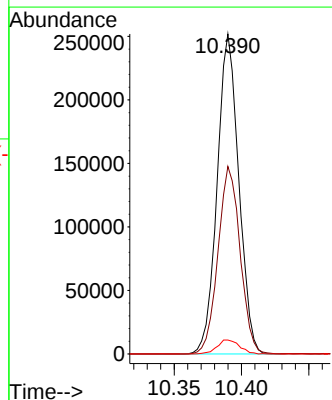
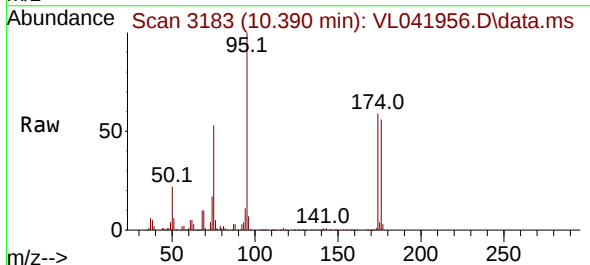
Instrument :
 MSVOA_L
 ClientSampleId :

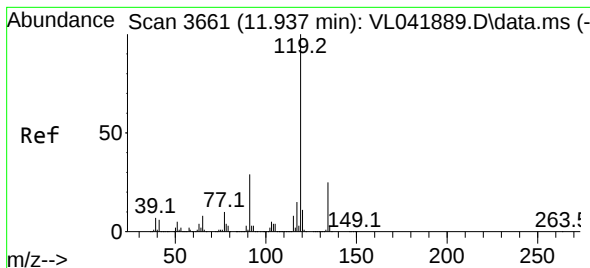
Tgt Ion:105 Resp: 1019309
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.229 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 95 Resp: 280681
 Ion Ratio Lower Upper
 95 100
 174 60.0 49.0 73.4
 175 4.6 3.8 5.8

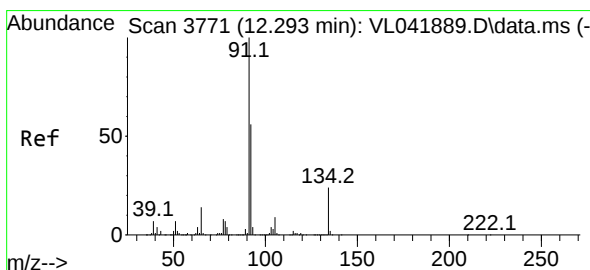
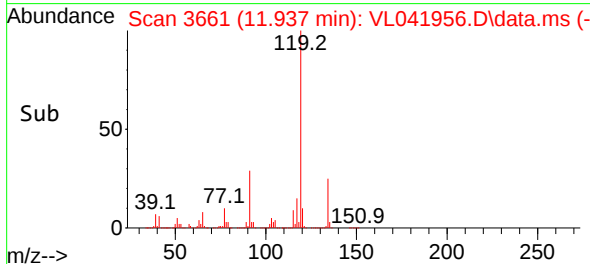
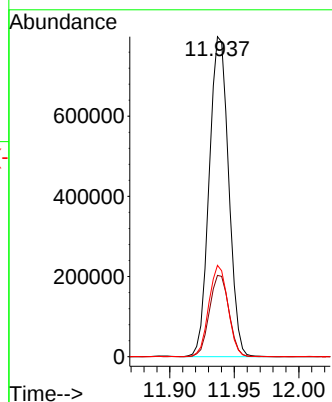
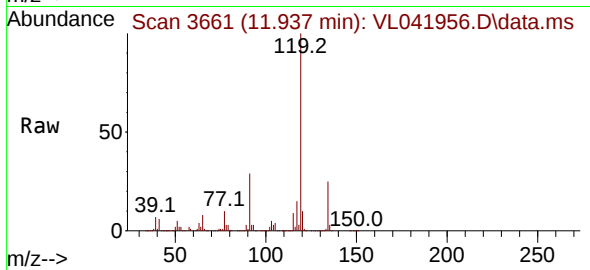




#69
 p-Isopropyltoluene
 Concen: 12.058 ppbv
 RT: 11.937 min Scan# 3661
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

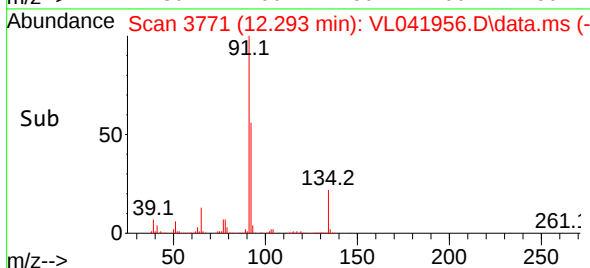
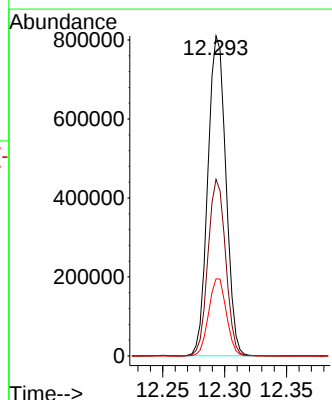
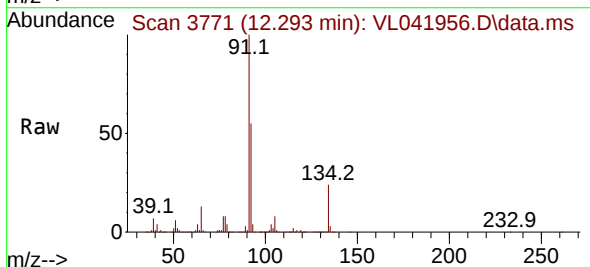
Instrument :
 MSVOA_L
 ClientSampleId :

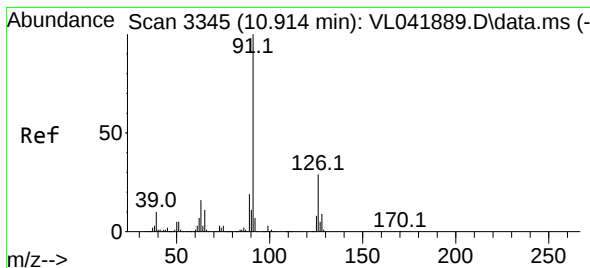
Tgt Ion:119 Resp: 835184
 Ion Ratio Lower Upper
 119 100
 134 25.6 19.8 29.6
 91 28.1 23.0 34.4



#70
 n-Butylbenzene
 Concen: 11.972 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 91 Resp: 822400
 Ion Ratio Lower Upper
 91 100
 92 54.1 43.8 65.6
 134 23.7 19.0 28.6





#71

2-Chlorotoluene

Concen: 12.102 ppbv

RT: 10.914 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

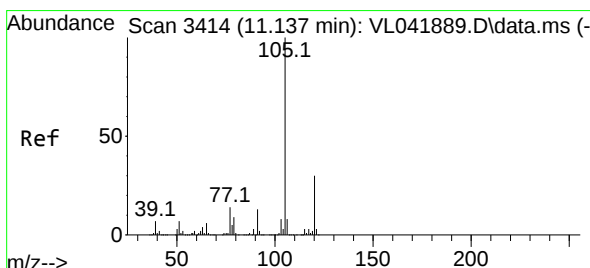
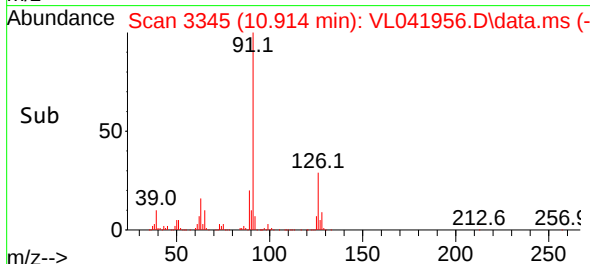
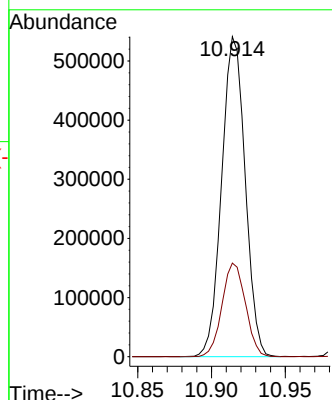
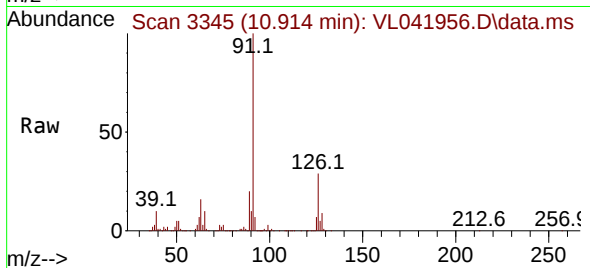
ClientSampleId :

Tgt Ion: 91 Resp: 600058

Ion Ratio Lower Upper

91 100

126 29.1 11.7 46.7



#72

4-Ethyltoluene

Concen: 12.850 ppbv

RT: 11.137 min Scan# 3414

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Tgt Ion:105 Resp: 665814

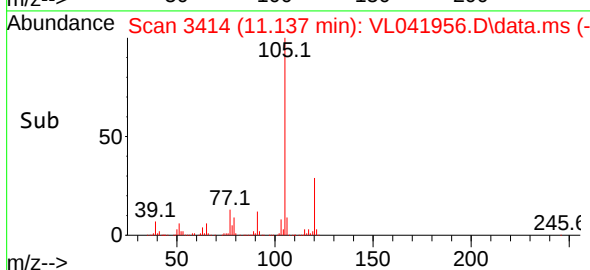
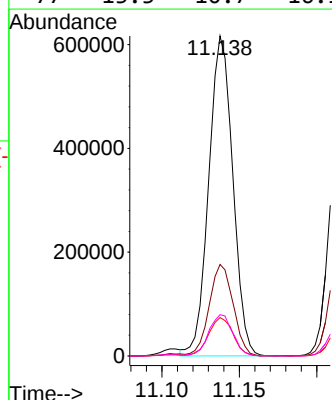
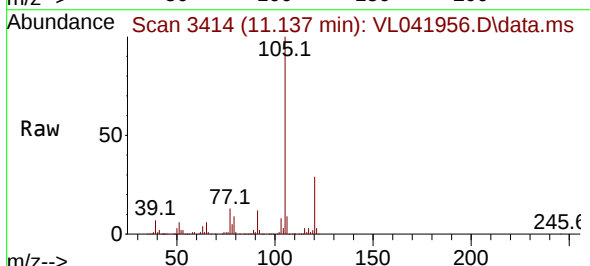
Ion Ratio Lower Upper

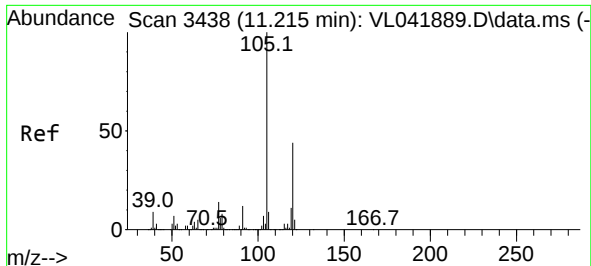
105 100

120 29.1 23.7 35.5

91 12.7 10.2 15.2

77 13.3 10.7 16.1

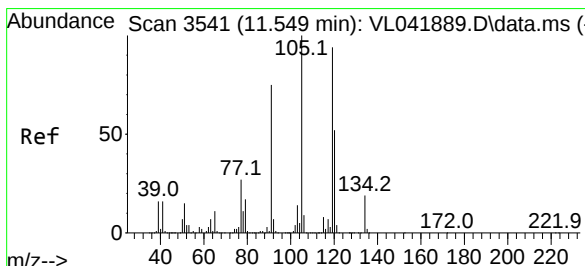
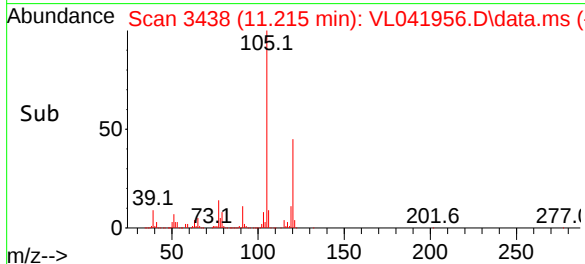
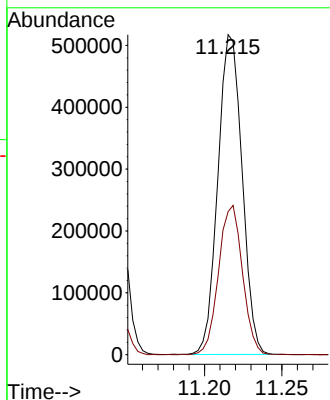
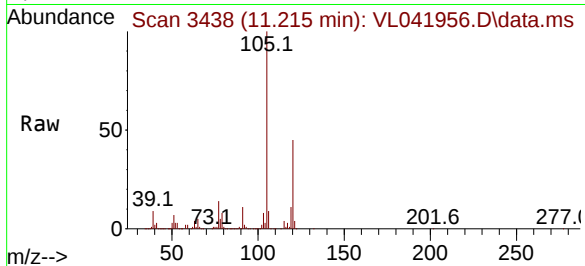




#73
 1,3,5-Trimethylbenzene
 Concen: 12.295 ppbv
 RT: 11.215 min Scan# 3438
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

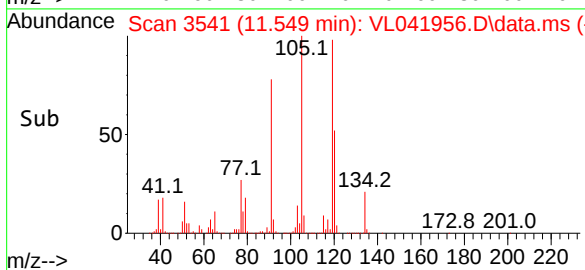
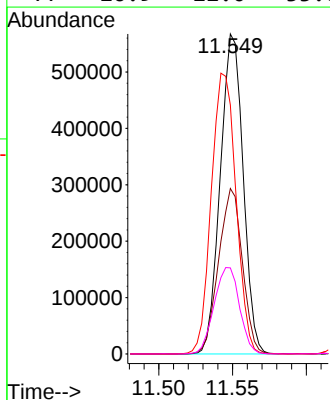
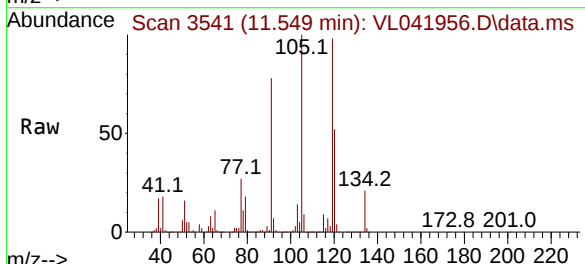
Instrument :
 MSVOA_L
 ClientSampleId :

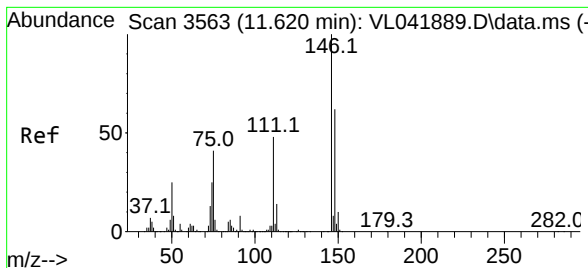
Tgt Ion:105 Resp: 562594
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.4 53.2



#74
 1,2,4-Trimethylbenzene
 Concen: 12.357 ppbv
 RT: 11.549 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion:105 Resp: 612367
 Ion Ratio Lower Upper
 105 100
 120 51.7 41.4 62.2
 91 77.8 60.2 90.2
 77 26.9 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 12.136 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

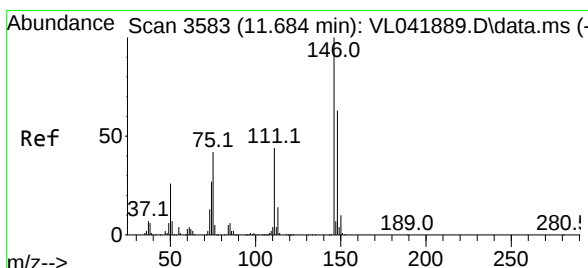
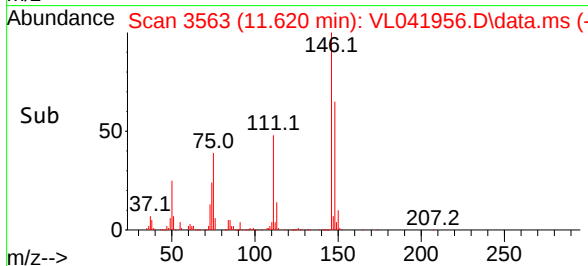
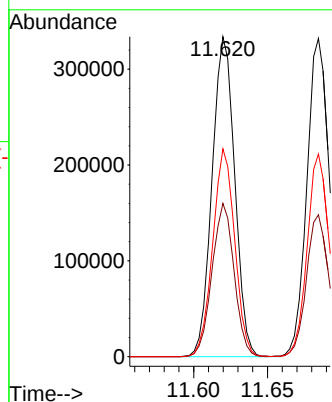
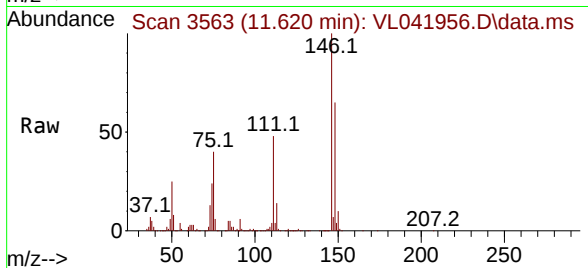
Tgt Ion:146 Resp: 356384

Ion Ratio Lower Upper

146 100

111 46.7 23.6 70.8

148 63.1 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 12.212 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

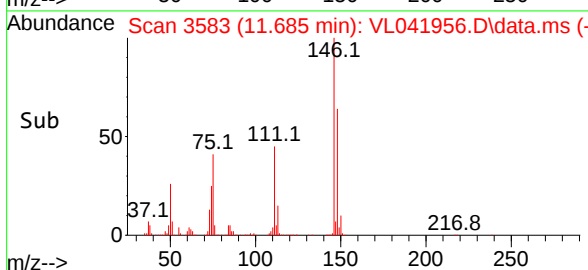
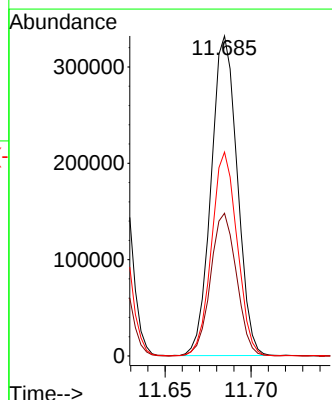
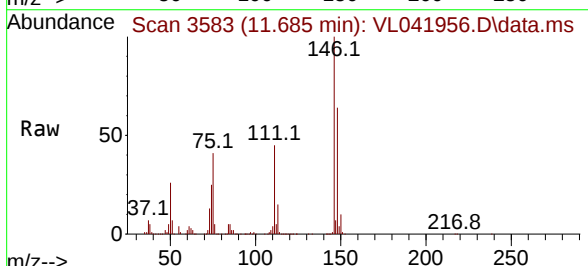
Tgt Ion:146 Resp: 350837

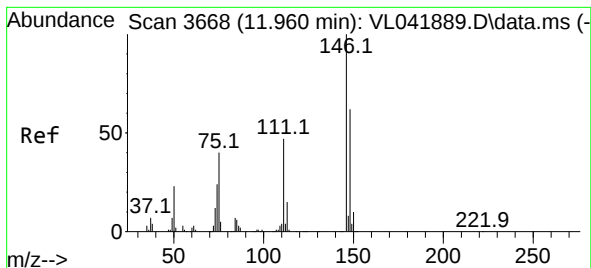
Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.0

148 62.7 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 11.864 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

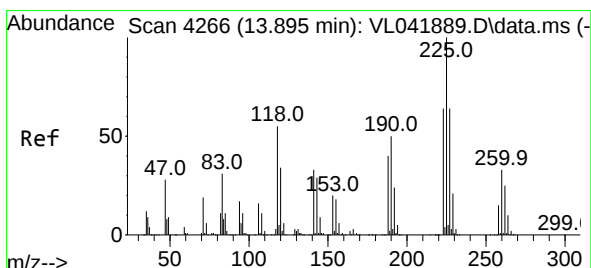
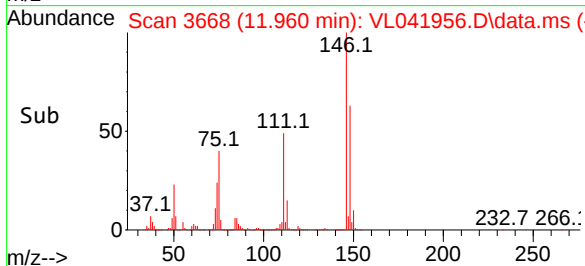
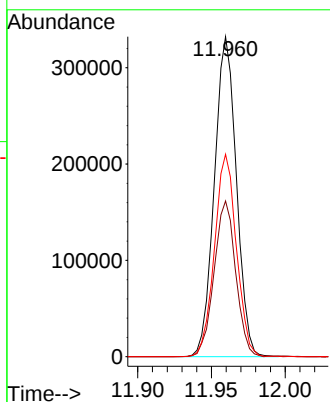
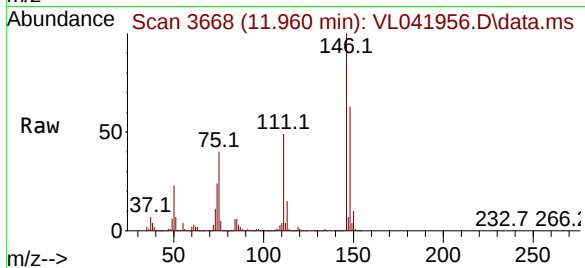
Tgt Ion:146 Resp: 345263

Ion Ratio Lower Upper

146 100

111 47.9 24.2 72.6

148 63.0 31.7 95.1



#78

Hexachloro-1,3-Butadiene

Concen: 9.030 ppbv

RT: 13.895 min Scan# 4266

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

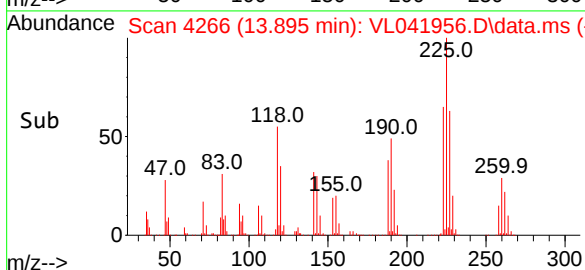
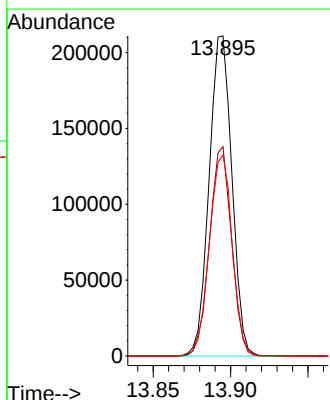
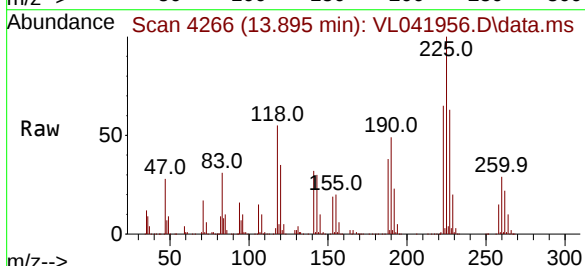
Tgt Ion:225 Resp: 215693

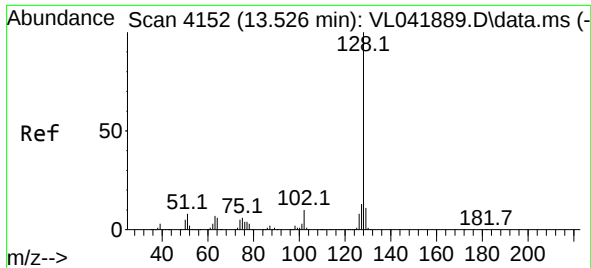
Ion Ratio Lower Upper

225 100

223 63.1 50.8 76.2

227 62.9 50.3 75.5

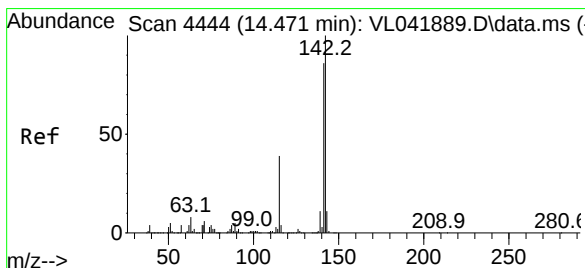
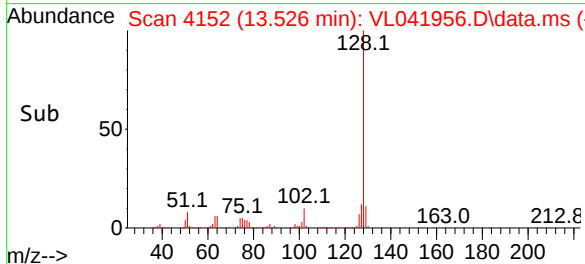
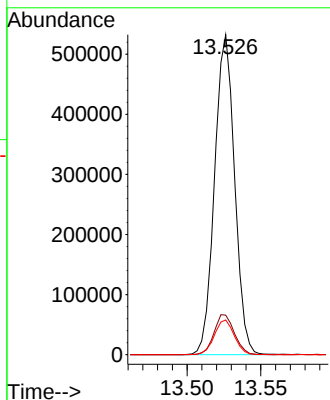
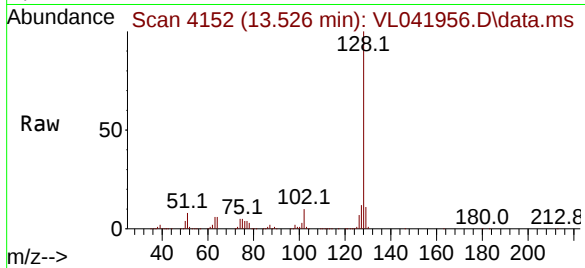




#79
Naphthalene
Concen: 10.077 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

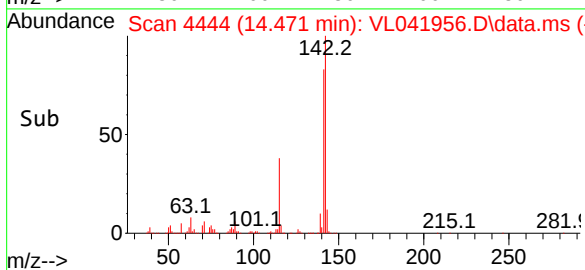
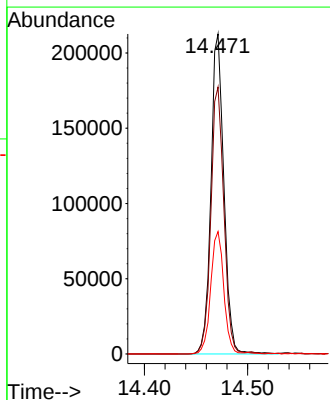
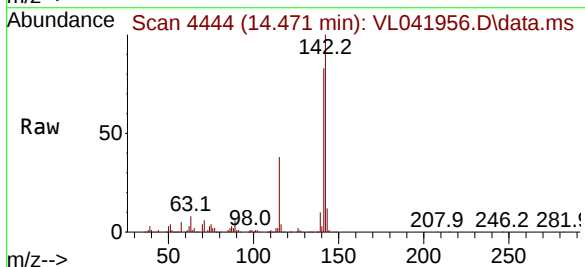
Instrument :
MSVOA_L
ClientSampleId :

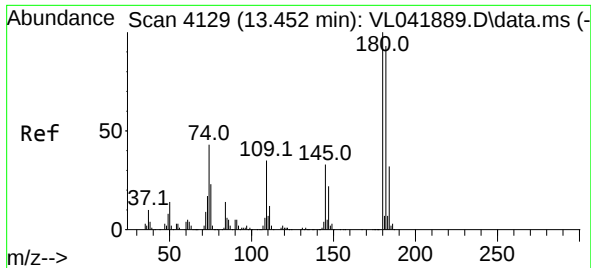
Tgt Ion:128 Resp: 502785
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.9 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 7.793 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:142 Resp: 184341
Ion Ratio Lower Upper
142 100
141 84.7 68.1 102.1
115 39.4 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 8.977 ppbv

RT: 13.452 min Scan# 41

Delta R.T. 0.000 min

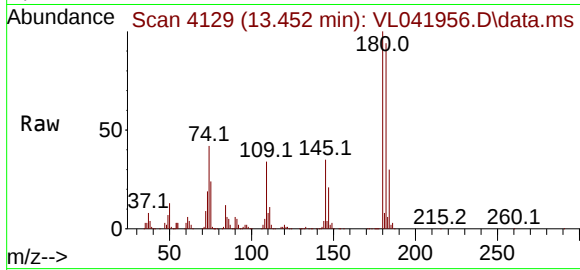
Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 218618

Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.6

184 29.5 24.9 37.3

