

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041855.D
 Acq On : 07 Jan 2025 21:30
 Operator : SY/MD
 Sample : VL0107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 03:59:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	107106	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	243780	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	206717	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	181716	10.264	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	175443	9.983	ppbv	100
3) Chlorodifluoromethane	1.479	51	170535	10.156	ppbv	100
4) Chloromethane	1.538	50	74022	10.243	ppbv	98
5) Vinyl Chloride	1.583	62	67444	9.253	ppbv	99
6) Bromomethane	1.674	94	29563	9.469	ppbv	91
7) Chloroethane	1.709	64	28013	9.984	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	152410	10.052	ppbv	100
9) Propene	1.486	41	64043	10.955	ppbv	99
10) Heptane	5.001	43	180674	12.511	ppbv	99
11) Trichlorofluoromethane	1.884	101	175329	9.811	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	133598	10.038	ppbv	99
13) Ethanol	1.725	45	4030	5.248	ppbv	85
14) Bromoethene	1.787	108	45909	10.537	ppbv	97
15) Acetone	1.842	43	167871	8.513	ppbv	97
16) 1,3-Butadiene	1.612	39	79283	10.253	ppbv	100
17) tert-Butyl alcohol	2.046	59	176102	10.307	ppbv	99
18) 1,1-Dichloroethene	2.039	96	57220	10.269	ppbv	96
19) Isopropyl Alcohol	1.890	45	86872	9.385	ppbv #	1
20) Methylene Chloride	2.068	84	50633	8.982	ppbv	93
21) Allyl Chloride	2.104	41	112062	11.032	ppbv	98
22) trans-1,2-Dichloroethene	2.350	96	62547	10.043	ppbv	96
23) Vinyl Acetate	2.470	43	67272	10.969	ppbv	96
24) 1,1-Dichloroethane	2.418	63	136957	10.048	ppbv	99
25) Ethyl Acetate	2.845	43	374548	11.327	ppbv	99
26) Hexane	2.839	57	138581	12.075	ppbv	98
27) Carbon Disulfide	2.159	76	133209	12.230	ppbv	97
28) Methyl tert-Butyl Ether	2.447	73	85892	9.930	ppbv	99
29) Chloroform	2.858	83	211442	9.917	ppbv	99
30) Cyclohexane	3.875	84	107422	12.343	ppbv	100
31) cis-1,2-Dichloroethene	2.732	61	131506	11.132	ppbv	97
32) 1,1,1-Trichloroethane	3.383	97	194205	10.051	ppbv	99
34) 2-Butanone	2.567	43	215107	11.202	ppbv	98
35) Carbon Tetrachloride	3.777	117	200923	10.905	ppbv	97
36) Benzene	3.671	78	263818	11.328	ppbv	96
37) 1,2-Dichloroethane	3.230	62	164076	10.717	ppbv	100
38) Trichloroethene	4.567	130	98835	11.036	ppbv	97
39) 1,2-Dichloropropane	4.331	63	97273	10.798	ppbv	96
40) 1,4-Dioxane	4.603	88	42263	12.121	ppbv #	99
41) Tetrahydrofuran	3.065	42	115504	12.768	ppbv	99
42) Bromodichloromethane	4.509	83	207472	11.555	ppbv	99
43) Methyl Methacrylate	4.901	69	94976	12.987	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	473286	12.335	ppbv	100
45) t-1,3-Dichloropropene	6.441	75	85389	11.960	ppbv	95

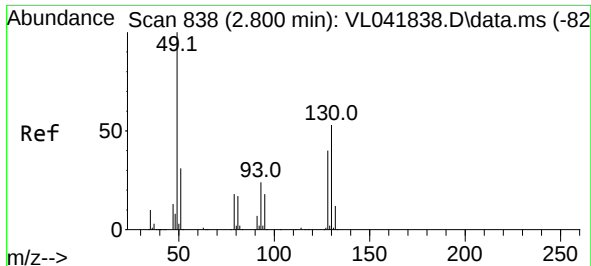
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 Data File : VL041855.D
 Acq On : 07 Jan 2025 21:30
 Operator : SY/MD
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Quant Time: Jan 08 03:59:16 2025
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
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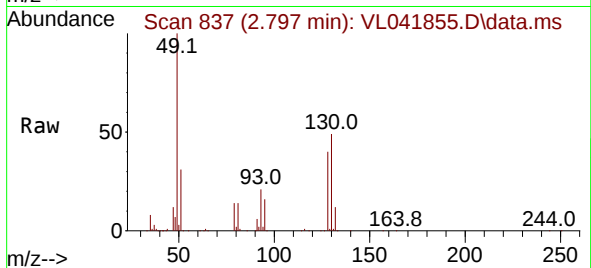
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	113483	12.071	ppbv	99
47) 1,1,2-Trichloroethane	6.603	97	101788	10.696	ppbv	96
48) Dibromochloromethane	7.406	129	146766	12.101	ppbv	99
49) Bromoform	9.497	173	122385	12.591	ppbv	99
50) 4-Methyl-2-Pentanone	5.778	43	294840	13.276	ppbv	99
51) 2-Hexanone	7.454	43	231768	13.791	ppbv	98
52) Tetrachloroethene	8.241	164	80623	11.675	ppbv	96
53) Toluene	6.956	91	269294	12.992	ppbv	99
54) 1,2-Dibromoethane	7.671	107	132314	11.340	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.940	131	128117	10.874	ppbv	99
57) Chlorobenzene	8.937	112	227702	10.543	ppbv	98
58) Ethyl Benzene	9.370	91	387745	13.763	ppbv	100
59) m/p-Xylene	9.565	91	334577	13.479	ppbv #	31
60) o-Xylene	9.979	91	332864	13.760	ppbv	100
61) Styrene	9.885	104	135001	14.385	ppbv	99
62) Isopropylbenzene	10.552	105	493367	12.982	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	221419	10.438	ppbv	99
64) n-propylbenzene	11.002	120	125412	12.863	ppbv	96
65) tert-Butylbenzene	11.542	119	446167	13.028	ppbv	100
66) Benzyl Chloride	11.630	91	31125	10.849	ppbv	98
67) sec-Butylbenzene	11.778	105	636199	12.731	ppbv	99
69) p-Isopropyltoluene	11.937	119	517542	13.191	ppbv	99
70) n-Butylbenzene	12.293	91	508944	12.912	ppbv	99
71) 2-Chlorotoluene	10.914	91	361026	13.087	ppbv	100
72) 4-Ethyltoluene	11.138	105	395463	13.518	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	340147	13.276	ppbv	96
74) 1,2,4-Trimethylbenzene	11.549	105	378800	12.763	ppbv #	85
75) 1,3-Dichlorobenzene	11.620	146	216345	10.891	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	213108	11.149	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	211771	10.231	ppbv	100
78) Hexachloro-1,3-Butadiene	13.892	225	132080	8.988	ppbv	99
79) Naphthalene	13.526	128	285850	13.075	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	77638	9.594	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	128757	10.626	ppbv	100

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

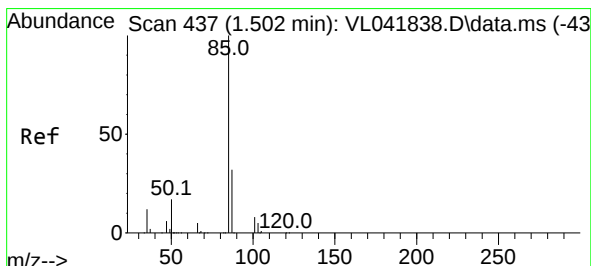
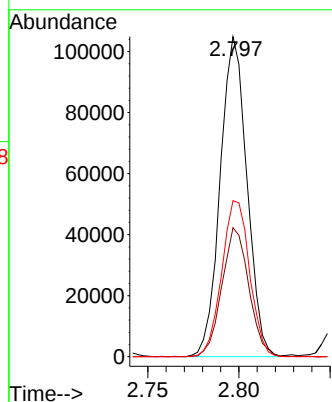
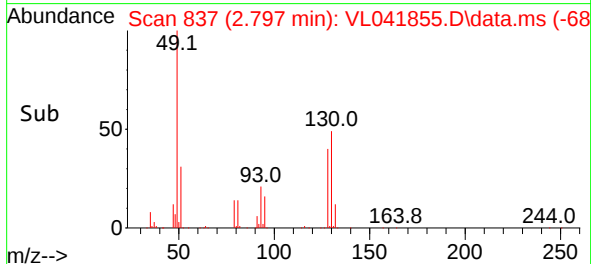


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :

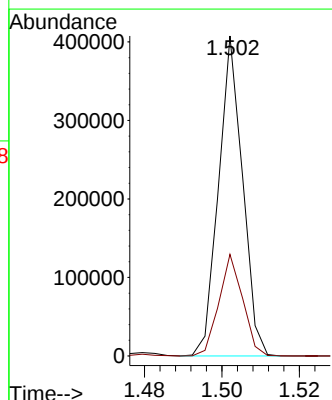
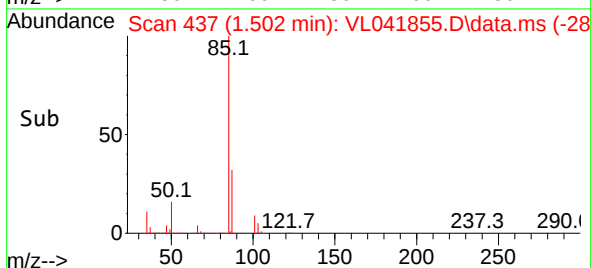
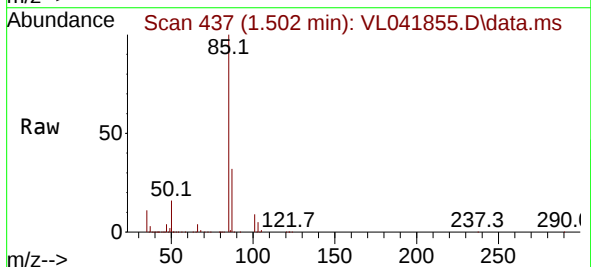


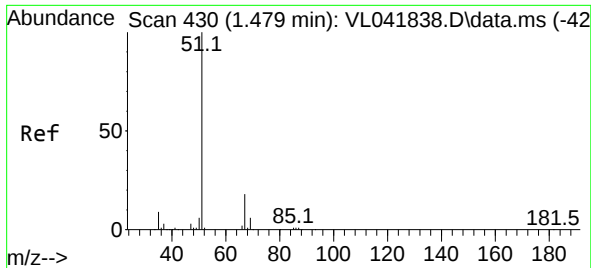
Tgt Ion: 49 Resp: 107106
Ion Ratio Lower Upper
49 100
128 40.6 19.7 59.1
130 50.6 26.4 79.2



#2
Dichlorodifluoromethane
Concen: 9.983 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 85 Resp: 175443
Ion Ratio Lower Upper
85 100
87 31.8 25.6 38.4





#3

Chlorodifluoromethane

Concen: 10.156 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

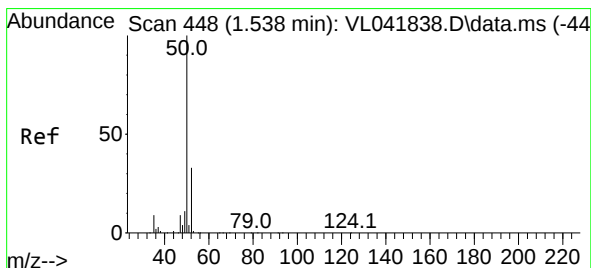
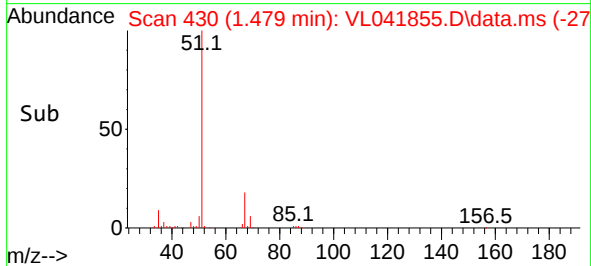
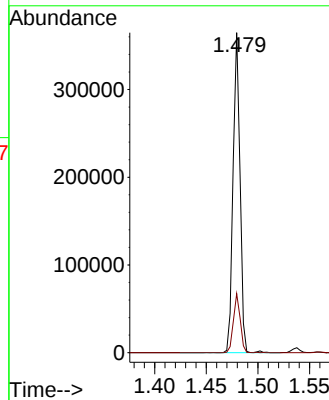
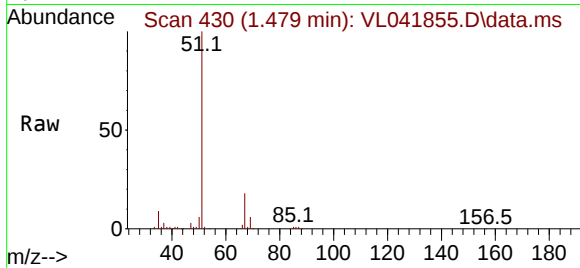
ClientSampleId :

Tgt Ion: 51 Resp: 170535

Ion Ratio Lower Upper

51 100

67 18.2 14.6 22.0



#4

Chloromethane

Concen: 10.243 ppbv

RT: 1.538 min Scan# 448

Delta R.T. 0.000 min

Lab File: VL041855.D

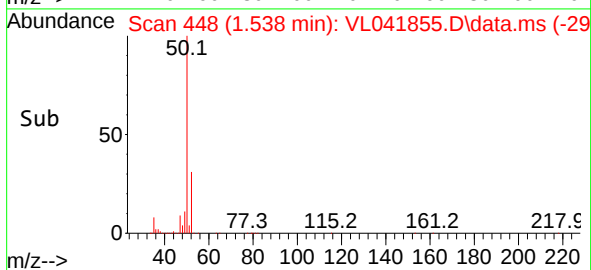
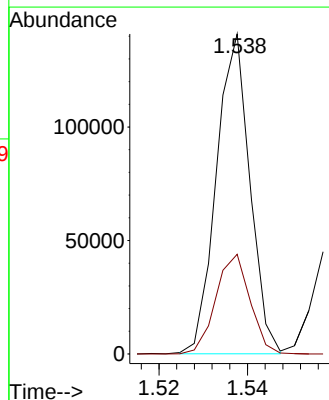
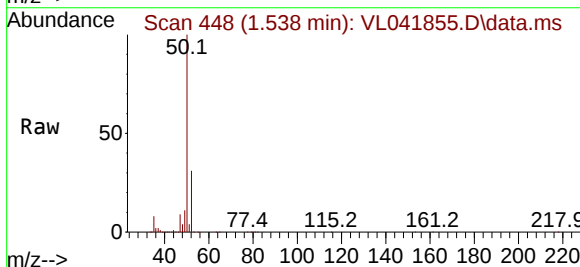
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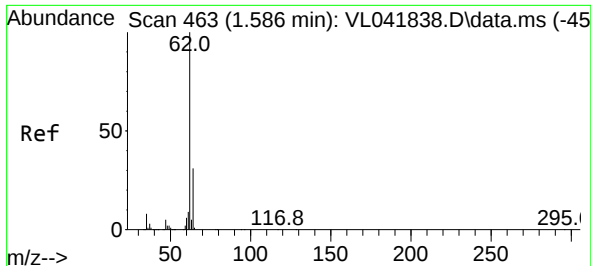
Tgt Ion: 50 Resp: 74022

Ion Ratio Lower Upper

50 100

52 31.2 26.1 39.1

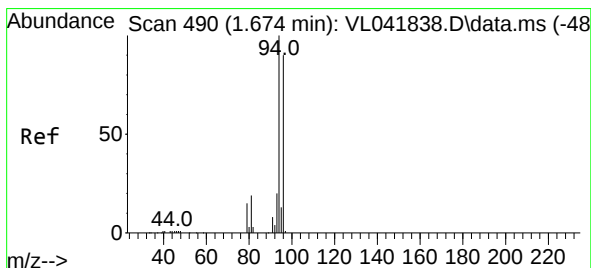
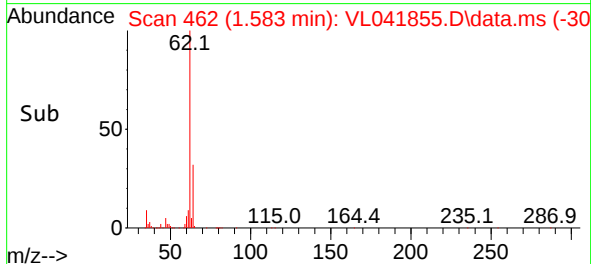
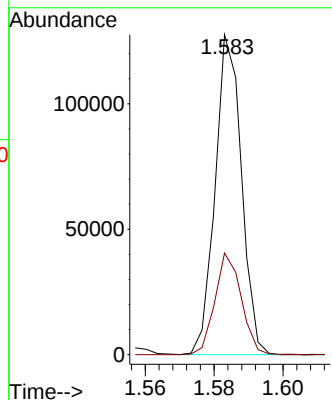
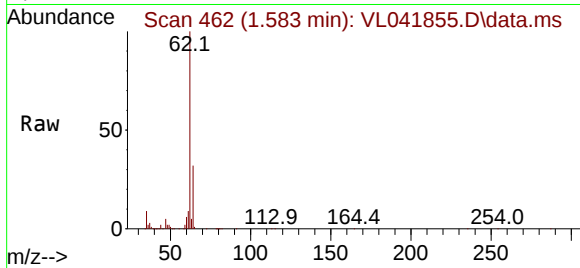




#5
 Vinyl Chloride
 Concen: 9.253 ppbv
 RT: 1.583 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

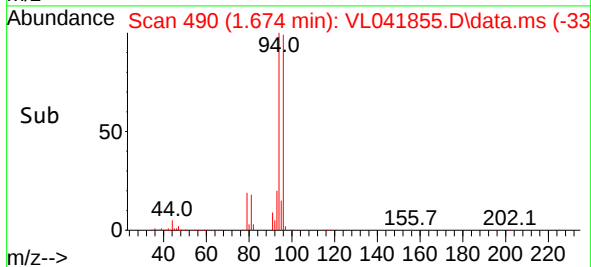
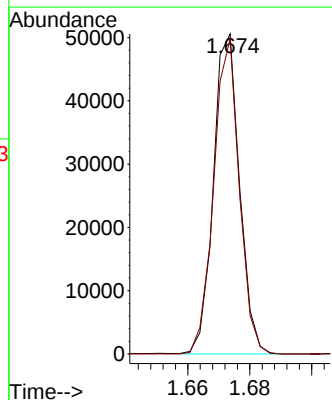
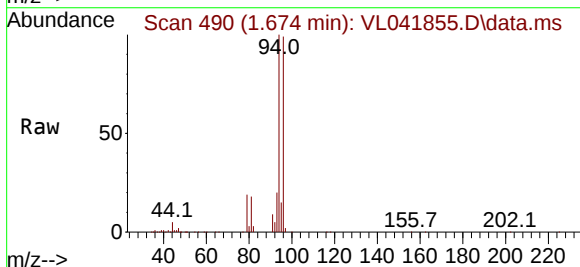
Instrument :
 MSVOA_L
 ClientSampleId :

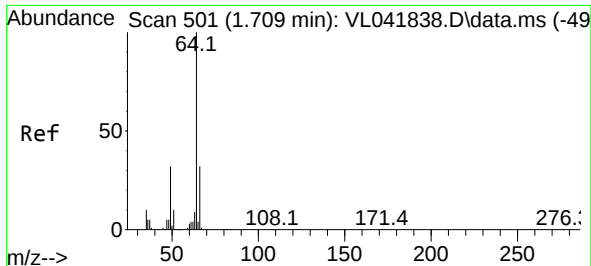
Tgt Ion: 62 Resp: 67444
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.9 37.3



#6
 Bromomethane
 Concen: 9.469 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 94 Resp: 29563
 Ion Ratio Lower Upper
 94 100
 96 98.5 72.0 108.0

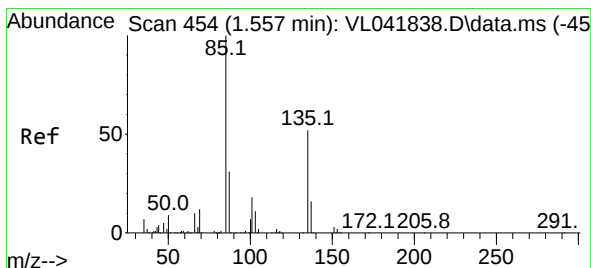
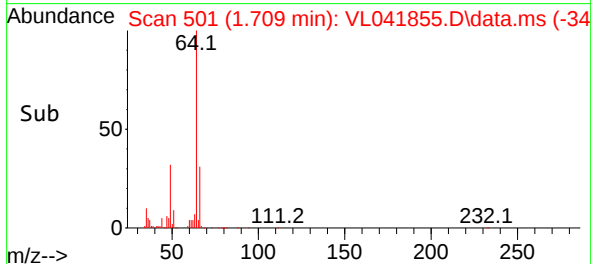
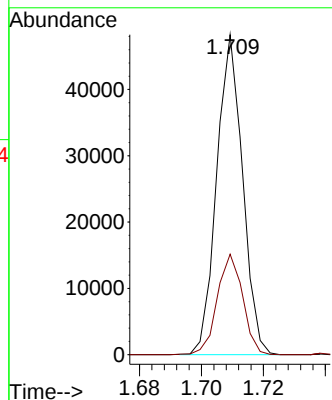
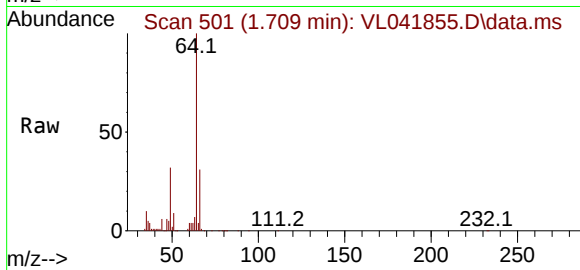




#7
Chloroethane
Concen: 9.984 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

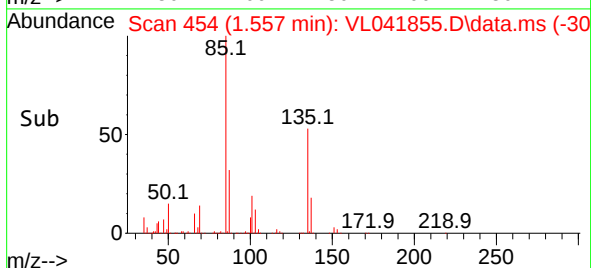
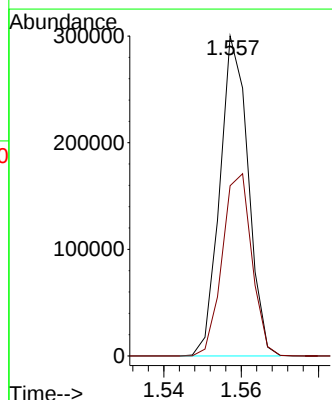
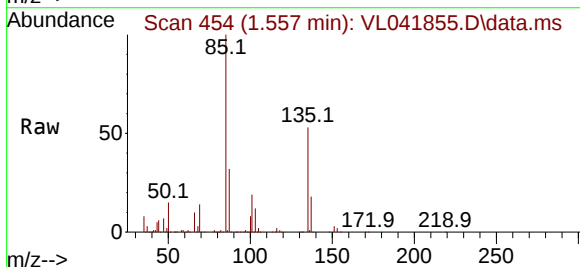
Instrument :
MSVOA_L
ClientSampleId :

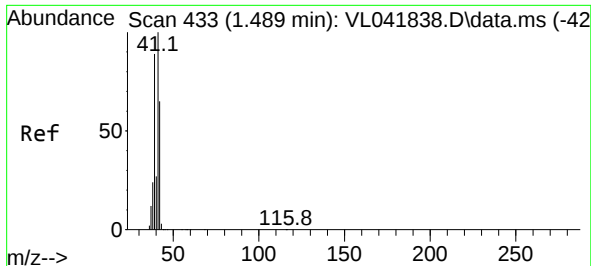
Tgt Ion: 64 Resp: 28013
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 10.052 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 85 Resp: 152410
Ion Ratio Lower Upper
85 100
135 59.7 47.9 71.9

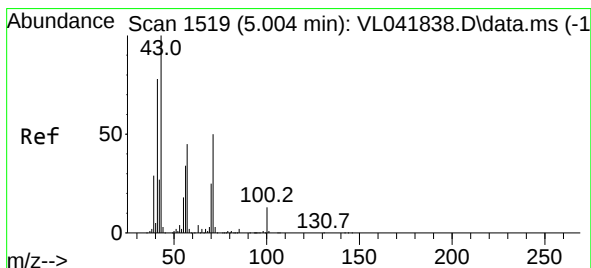
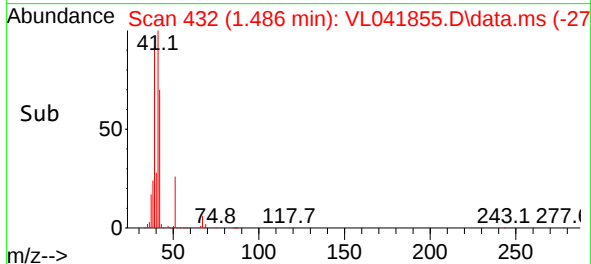
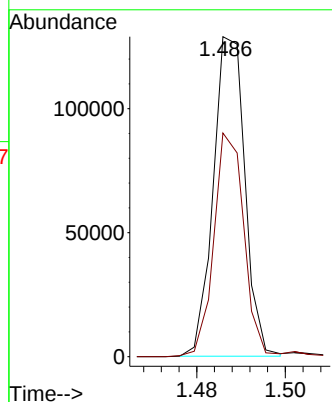
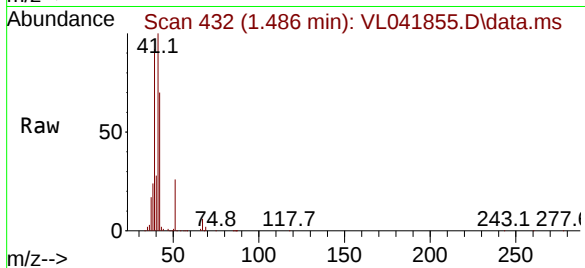




#9
Propene
Concen: 10.955 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

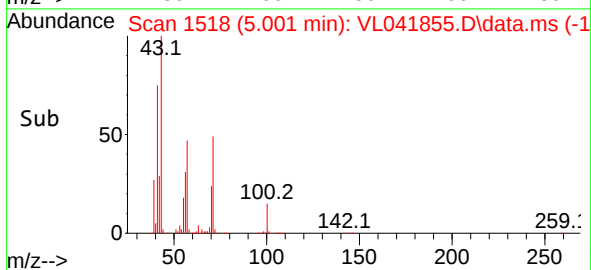
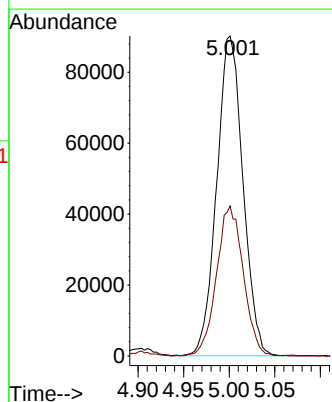
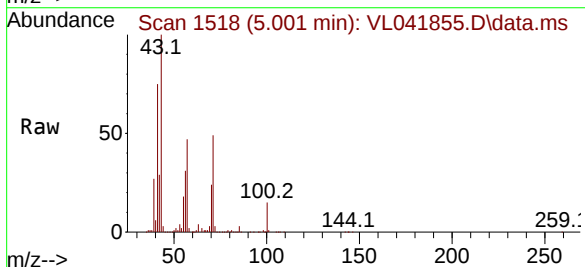
Instrument :
MSVOA_L
ClientSampleId :

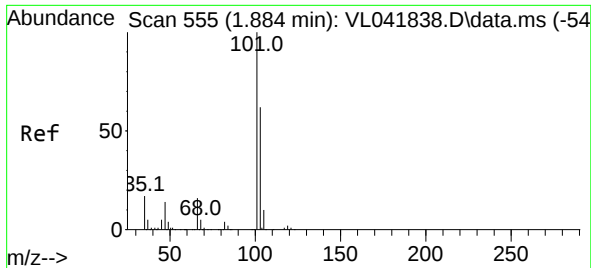
Tgt Ion: 41 Resp: 64043
Ion Ratio Lower Upper
41 100
42 68.2 53.9 80.9



#10
Heptane
Concen: 12.511 ppbv
RT: 5.001 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 43 Resp: 180674
Ion Ratio Lower Upper
43 100
57 47.7 37.8 56.6

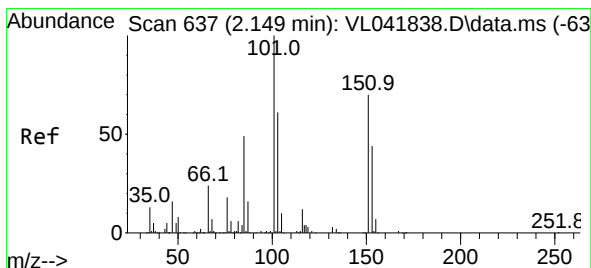
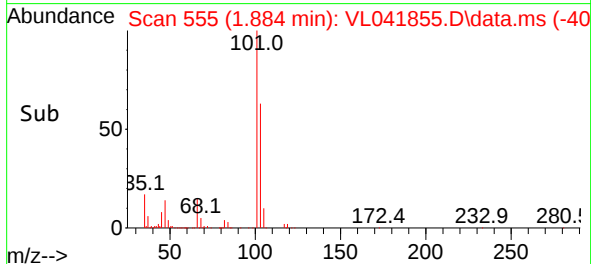
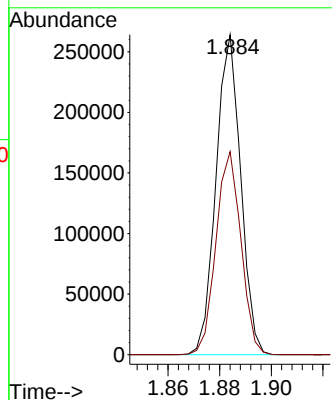
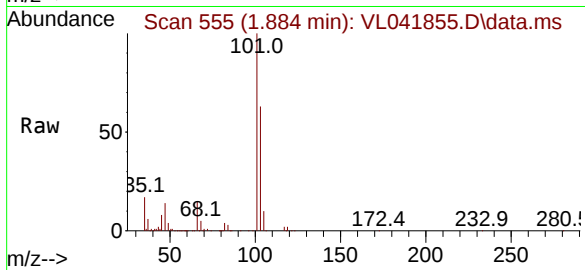




#11
 Trichlorofluoromethane
 Concen: 9.811 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

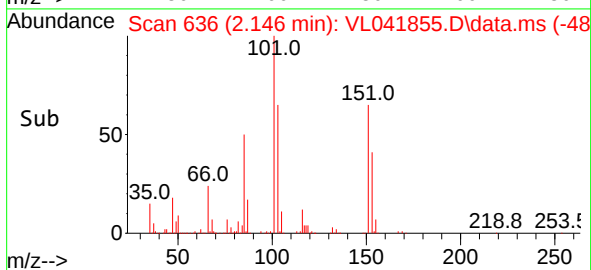
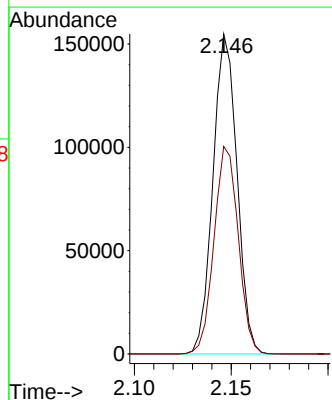
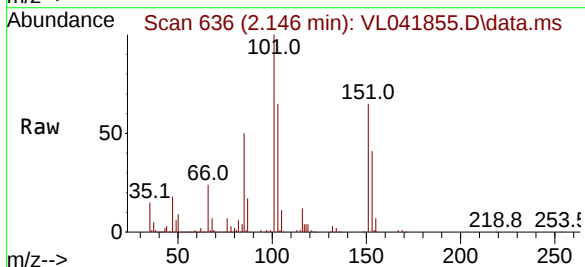
Instrument :
 MSVOA_L
 ClientSampleId :

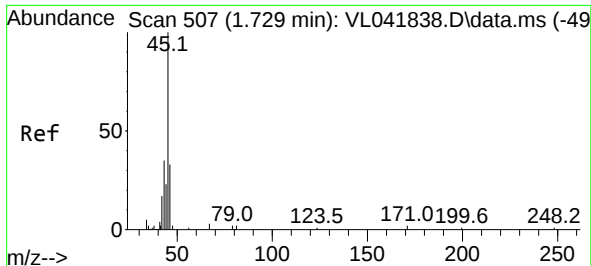
Tgt Ion:101 Resp: 175329
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.4 74.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.038 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion:101 Resp: 133598
 Ion Ratio Lower Upper
 101 100
 151 65.5 53.2 79.8

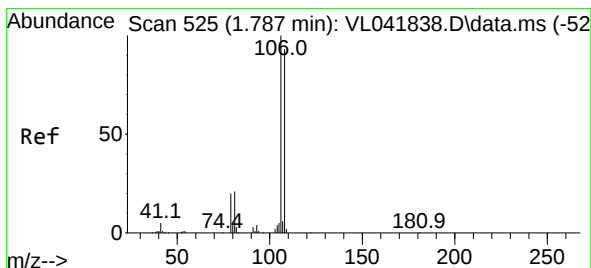
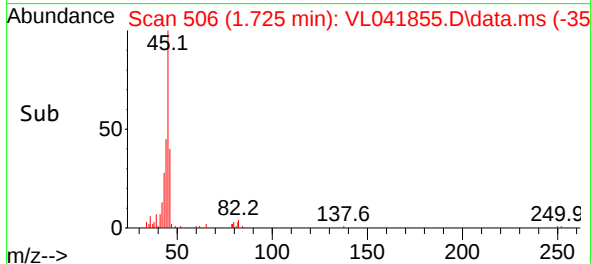
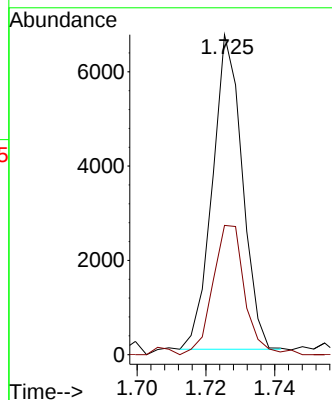
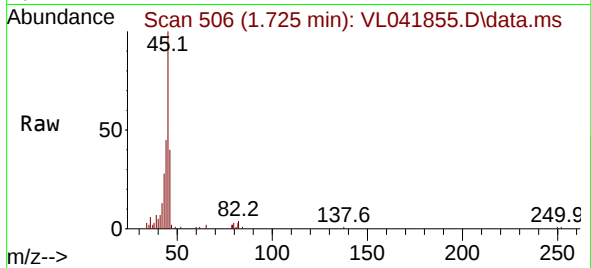




#13
Ethanol
Concen: 5.248 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

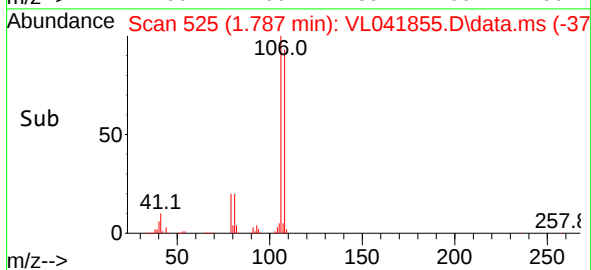
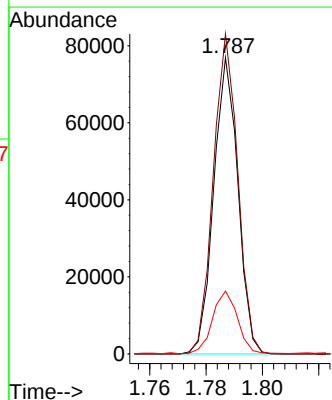
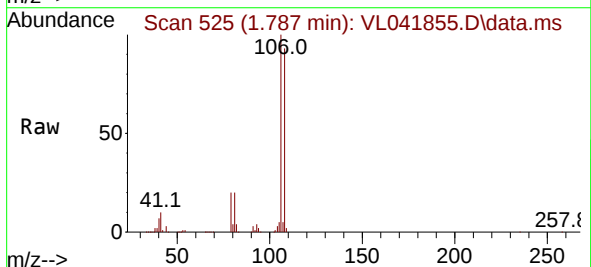
Instrument :
MSVOA_L
ClientSampleId :

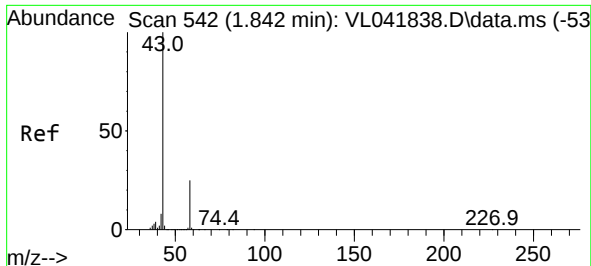
Tgt Ion: 45 Resp: 4030
Ion Ratio Lower Upper
45 100
46 45.3 14.6 58.2



#14
Bromoethene
Concen: 10.537 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion:108 Resp: 45909
Ion Ratio Lower Upper
108 100
106 108.7 84.6 126.8
79 21.5 18.3 27.5





#15

Acetone

Concen: 8.513 ppbv

RT: 1.842 min Scan# 542

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

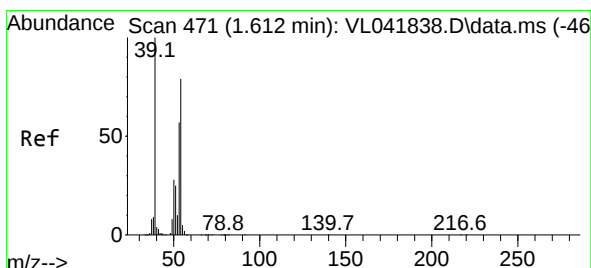
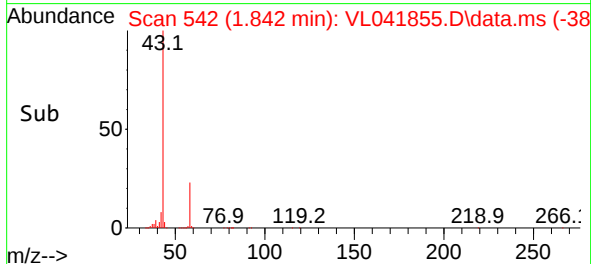
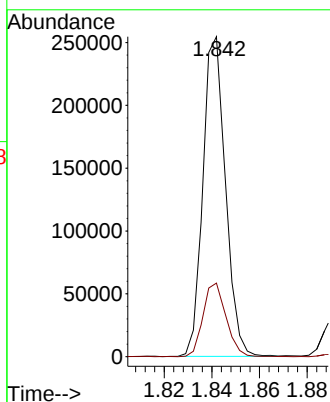
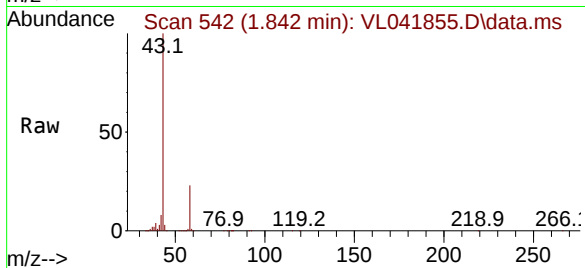
ClientSampleId :

Tgt Ion: 43 Resp: 167871

Ion Ratio Lower Upper

43 100

58 23.6 20.2 30.4



#16

1,3-Butadiene

Concen: 10.253 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.000 min

Lab File: VL041855.D

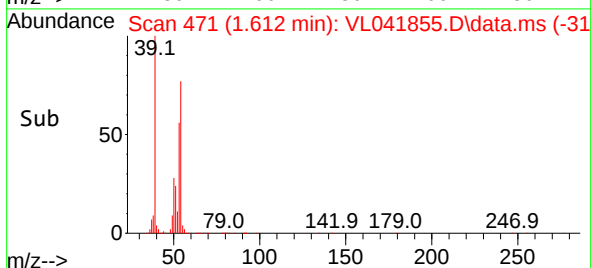
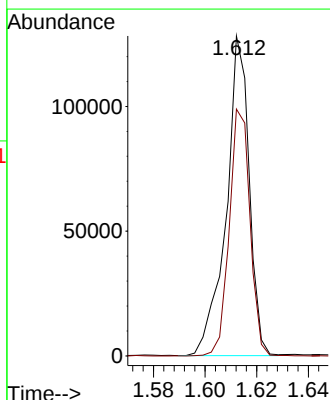
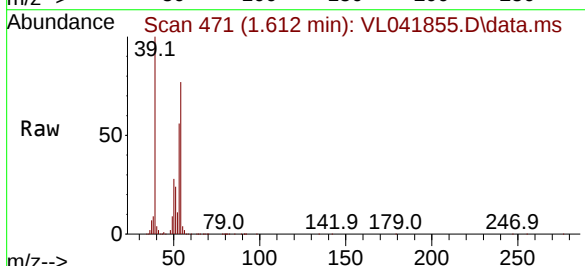
Acq: 07 Jan 2025 21:30

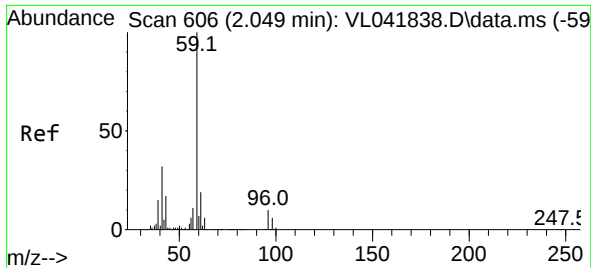
Tgt Ion: 39 Resp: 79283

Ion Ratio Lower Upper

39 100

54 70.0 56.2 84.4

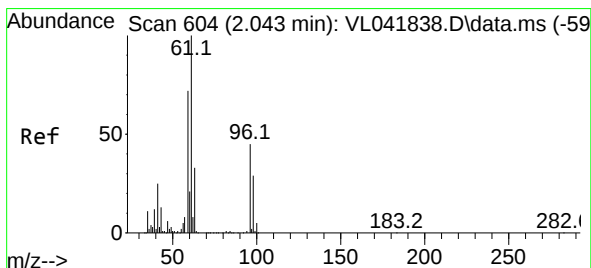
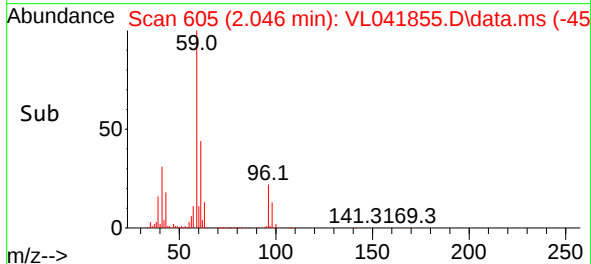
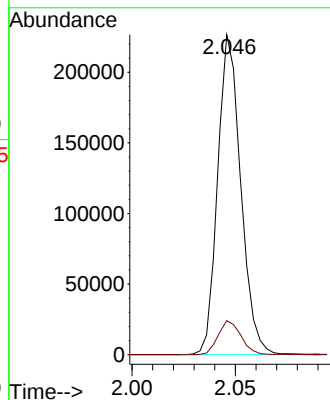
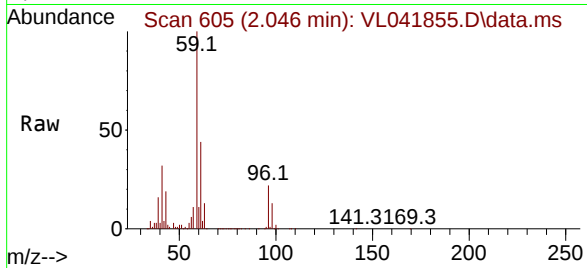




#17
tert-Butyl alcohol
Concen: 10.307 ppbv
RT: 2.046 min Scan# 606
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

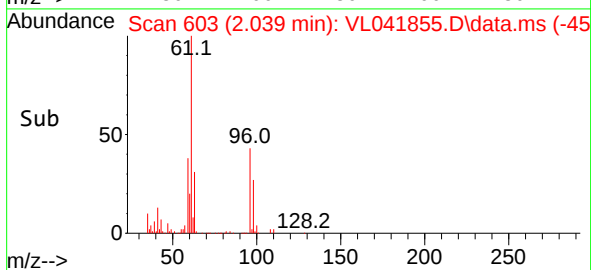
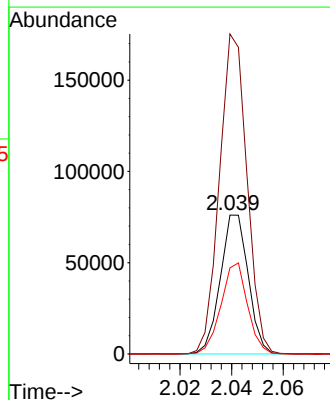
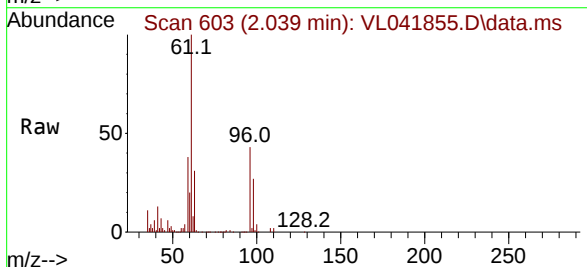
Instrument :
MSVOA_L
ClientSampleId :

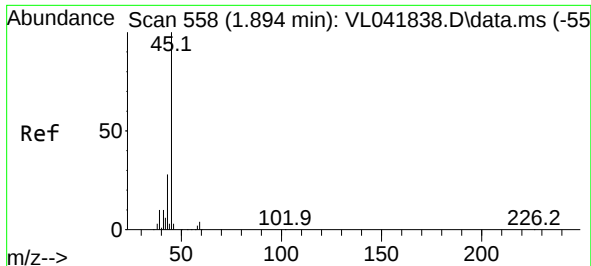
Tgt Ion: 59 Resp: 176102
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#18
1,1-Dichloroethene
Concen: 10.269 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 96 Resp: 57220
Ion Ratio Lower Upper
96 100
61 230.3 179.2 268.8
98 62.0 51.6 77.4

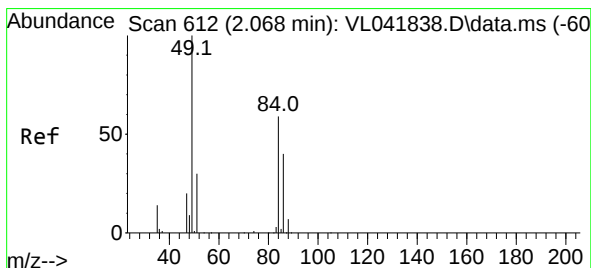
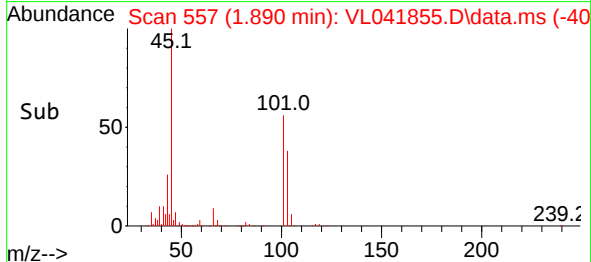
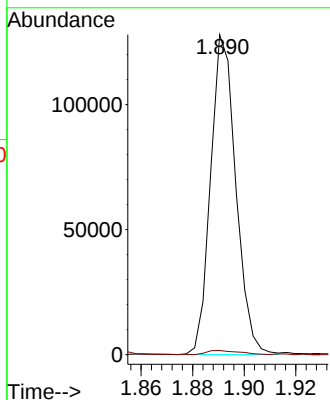
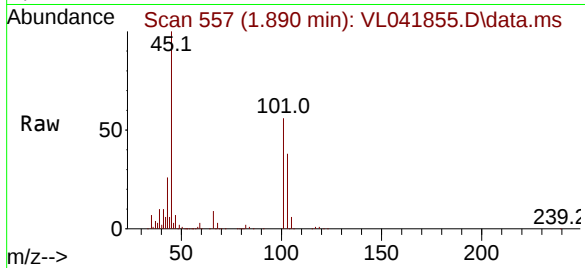




#19
Isopropyl Alcohol
Concen: 9.385 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

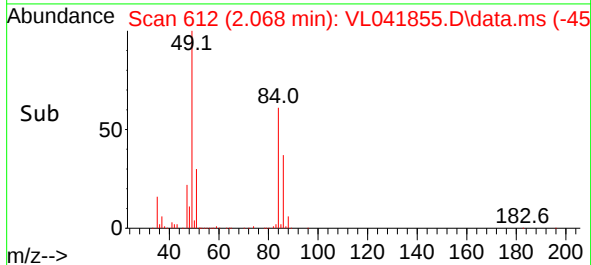
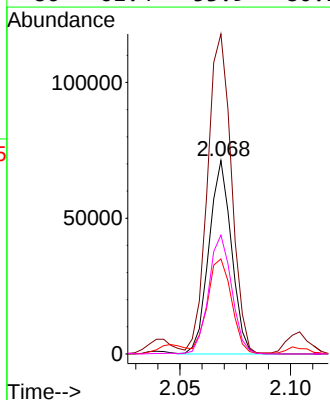
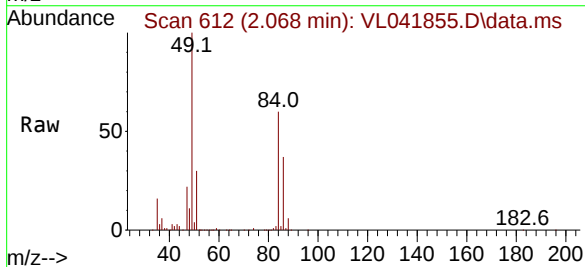
Instrument :
MSVOA_L
ClientSampleId :

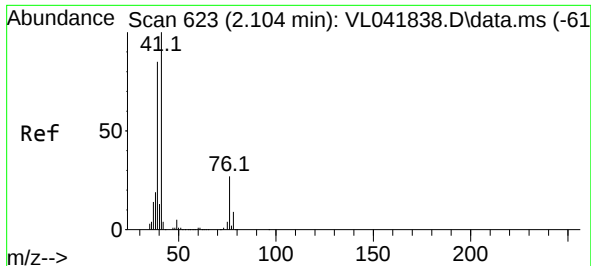
Tgt Ion: 45 Resp: 86872
Ion Ratio Lower Upper
45 100
58 45.6 2.1 3.1#



#20
Methylene Chloride
Concen: 8.982 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 84 Resp: 50633
Ion Ratio Lower Upper
84 100
49 163.5 137.8 206.8
51 48.5 43.9 65.9
86 61.4 53.9 80.9





#21

Allyl Chloride

Concen: 11.032 ppbv

RT: 2.104 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

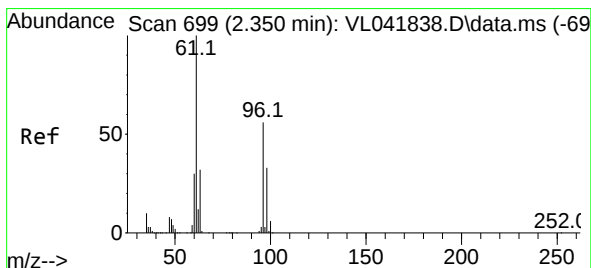
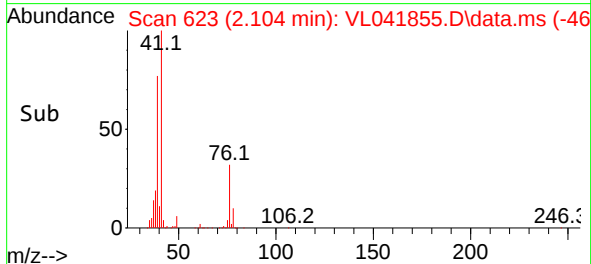
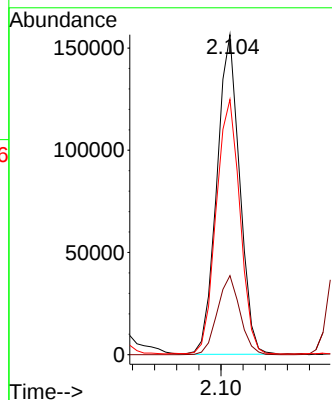
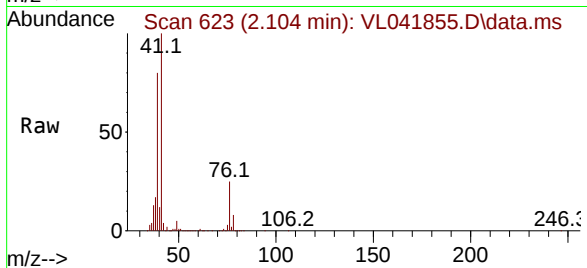
Tgt Ion: 41 Resp: 112062

Ion Ratio Lower Upper

41 100

76 24.4 20.6 31.0

39 82.7 67.0 100.6



#22

trans-1,2-Dichloroethene

Concen: 10.043 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

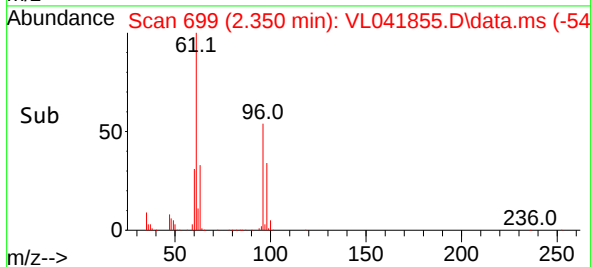
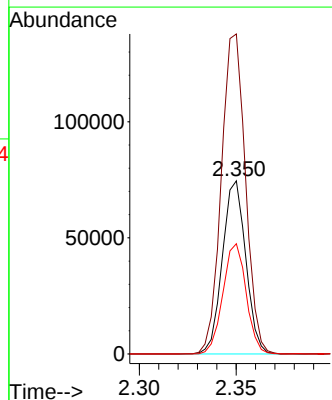
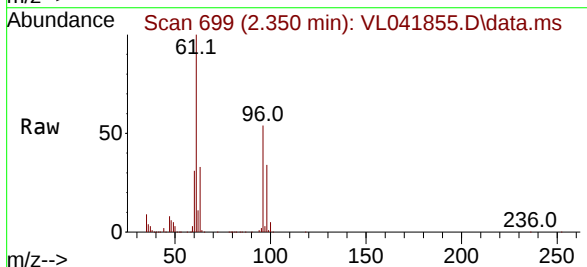
Tgt Ion: 96 Resp: 62547

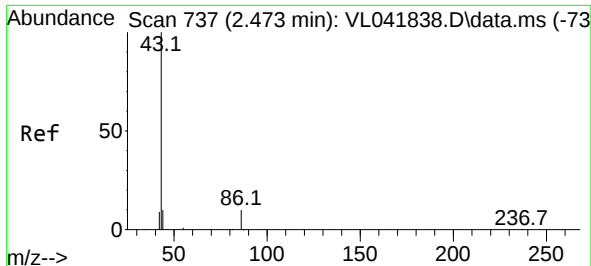
Ion Ratio Lower Upper

96 100

61 184.9 144.0 216.0

98 63.7 46.9 70.3

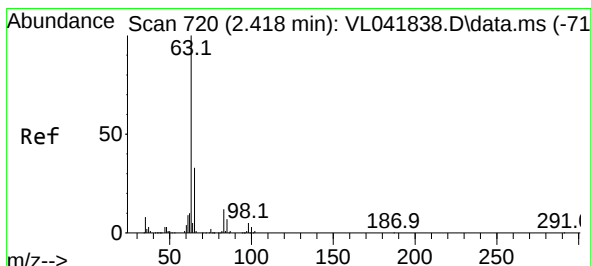
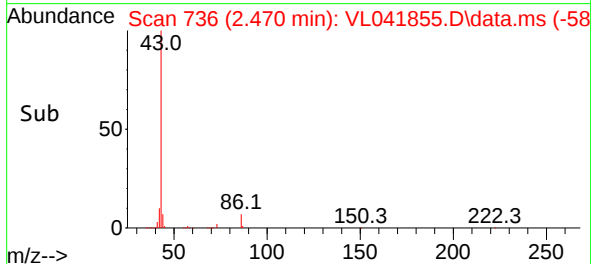
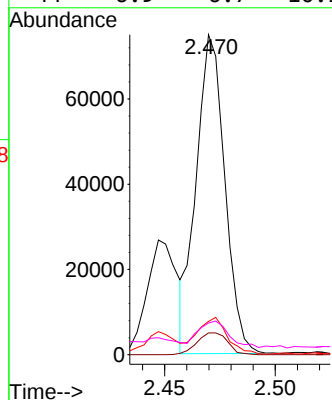
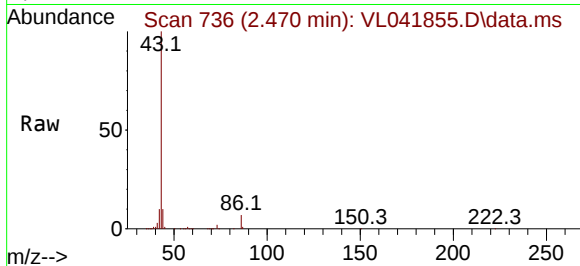




#23
 Vinyl Acetate
 Concen: 10.969 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

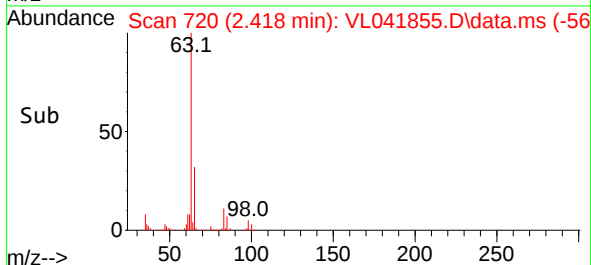
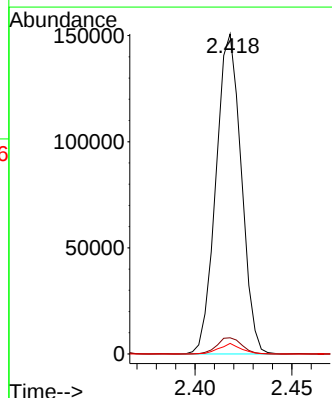
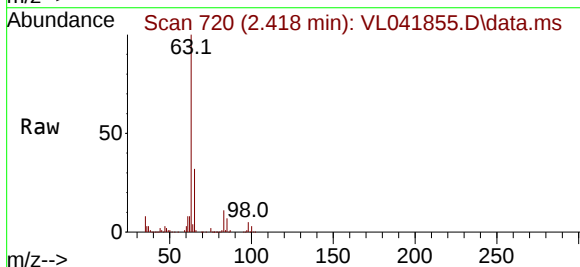
Instrument :
 MSVOA_L
 ClientSampleId :

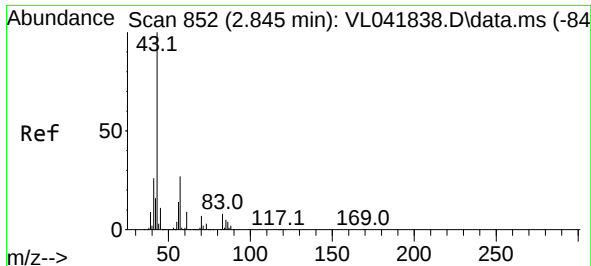
Tgt Ion: 43	Resp: 67272
Ion Ratio	Lower Upper
43 100	
86 6.8	6.4 9.6
42 10.0	9.5 14.3
44 6.9	6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 10.048 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 63	Resp: 136957
Ion Ratio	Lower Upper
63 100	
98 5.0	2.3 6.9
100 3.3	1.4 4.0



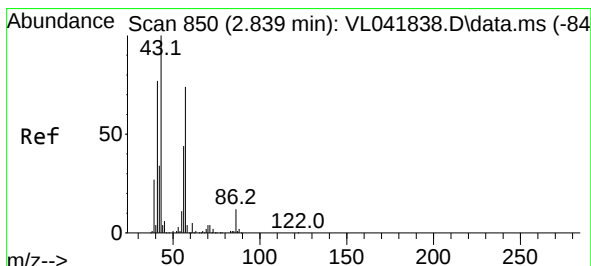
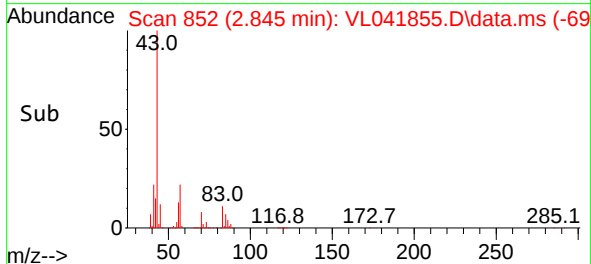
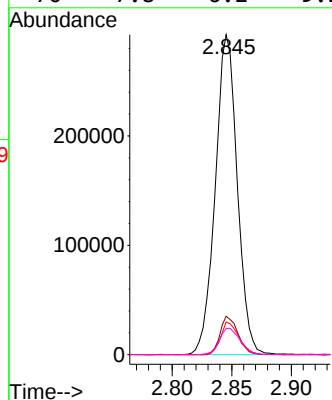
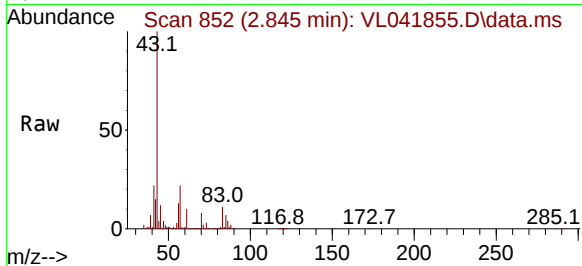


#25
Ethyl Acetate
Concen: 11.327 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 374548

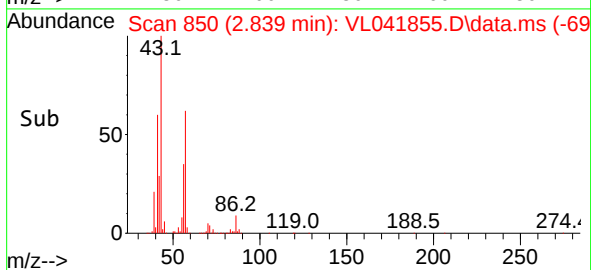
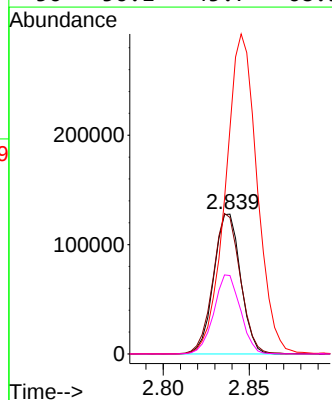
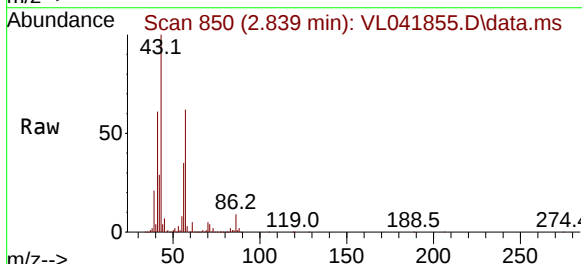
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.8
61	8.3	7.0	10.6
70	7.8	6.2	9.2

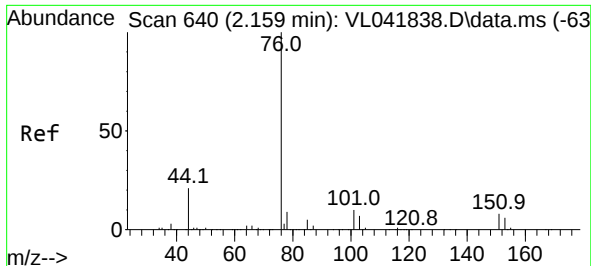


#26
Hexane
Concen: 12.075 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 57 Resp: 138581

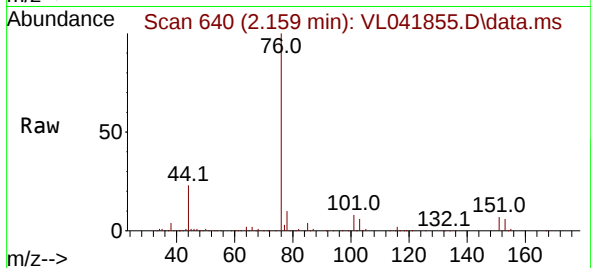
Ion	Ratio	Lower	Upper
57	100		
41	102.1	84.0	126.0
43	270.6	218.4	327.6
56	56.1	45.7	68.5



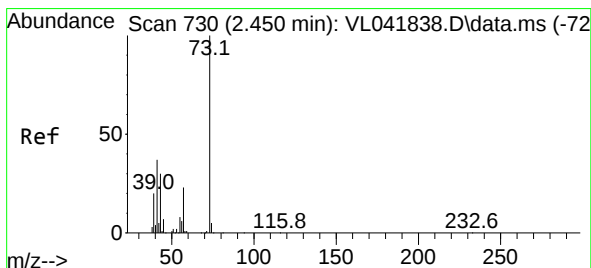
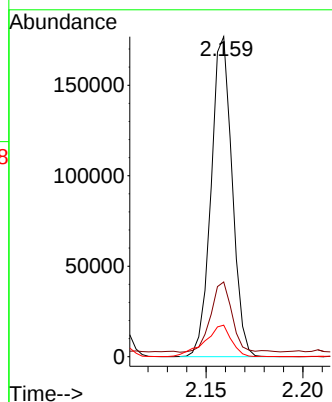
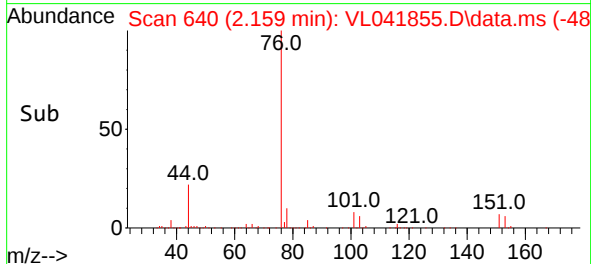


#27
Carbon Disulfide
Concen: 12.230 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :

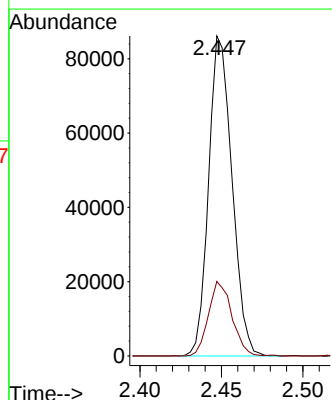
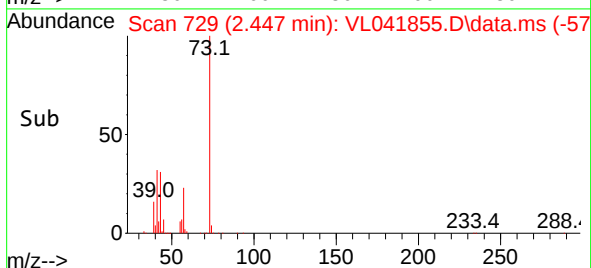
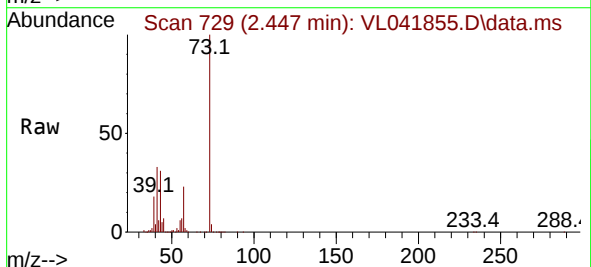


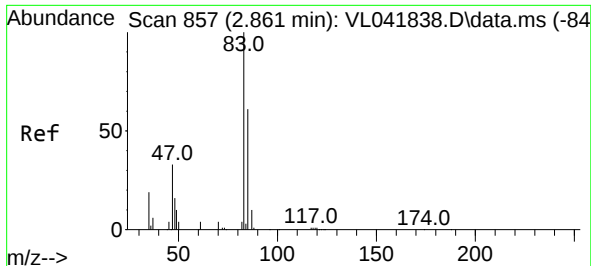
Tgt Ion: 76 Resp: 133209
Ion Ratio Lower Upper
76 100
44 22.4 19.8 29.8
78 12.6 9.8 14.8



#28
Methyl tert-Butyl Ether
Concen: 9.930 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 73 Resp: 85892
Ion Ratio Lower Upper
73 100
57 23.5 18.4 27.6





#29

Chloroform

Concen: 9.917 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

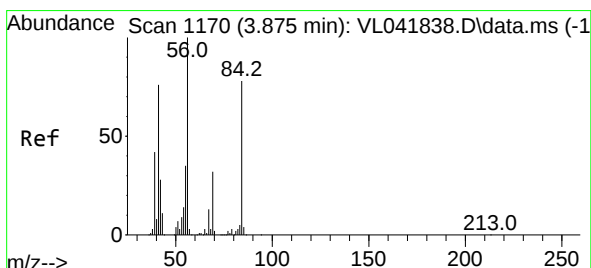
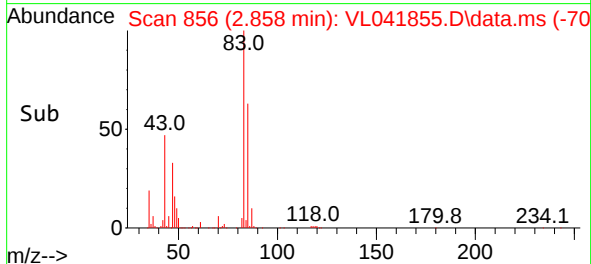
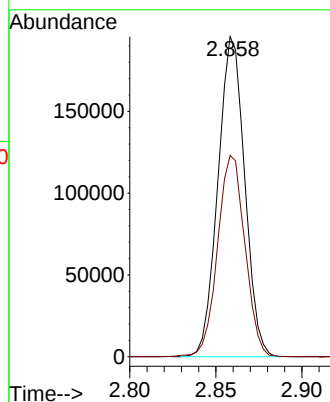
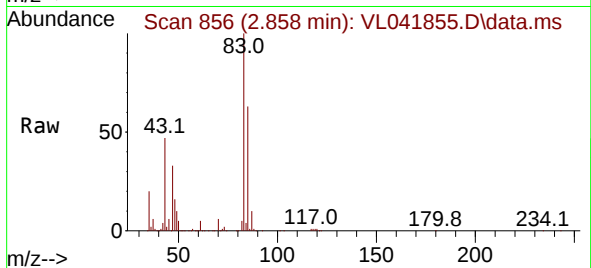
ClientSampleId :

Tgt Ion: 83 Resp: 211442

Ion Ratio Lower Upper

83 100

85 62.8 49.6 74.4



#30

Cyclohexane

Concen: 12.343 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

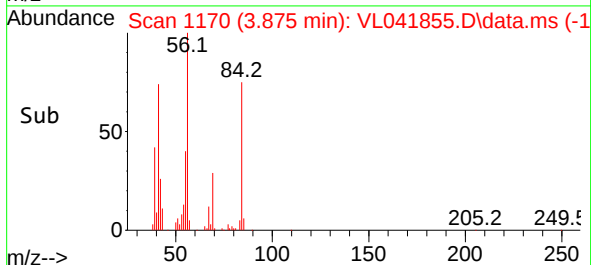
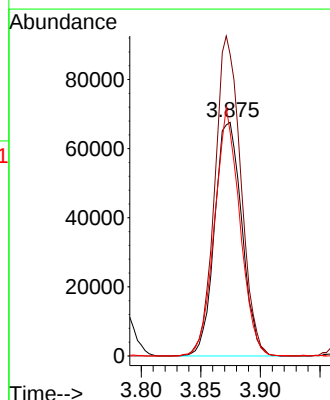
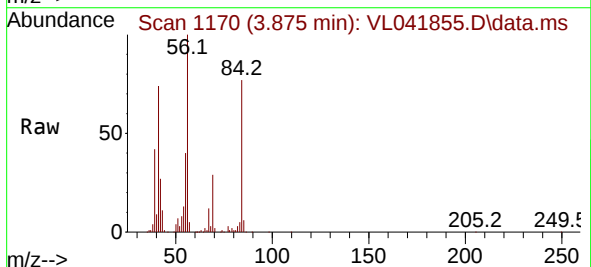
Tgt Ion: 84 Resp: 107422

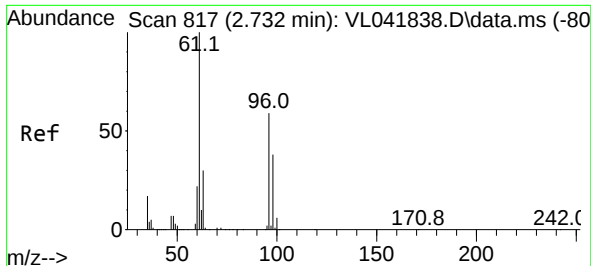
Ion Ratio Lower Upper

84 100

56 130.8 105.0 157.6

41 98.5 78.9 118.3

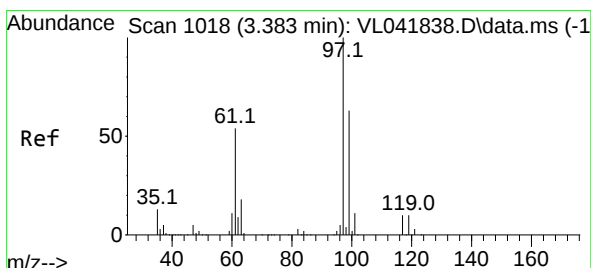
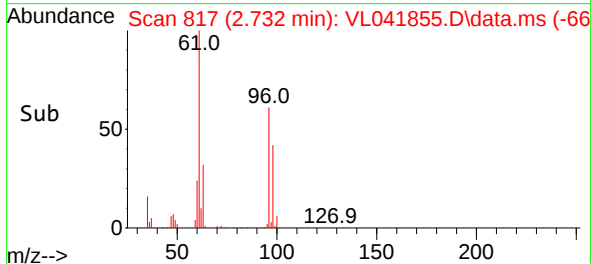
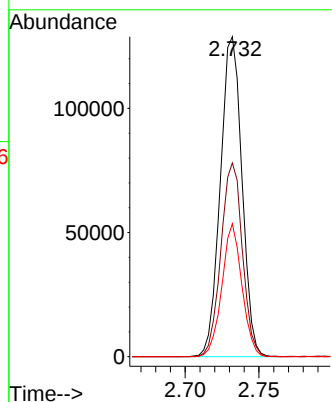
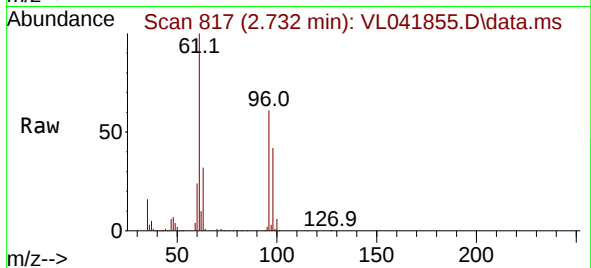




#31
 cis-1,2-Dichloroethene
 Concen: 11.132 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

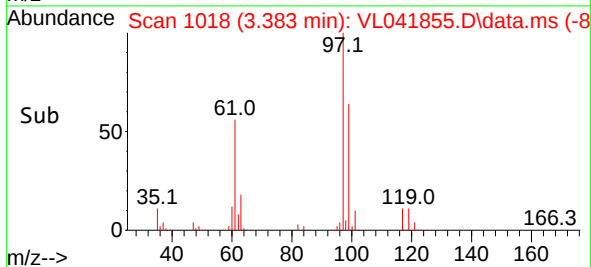
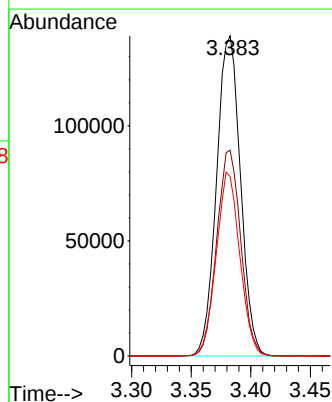
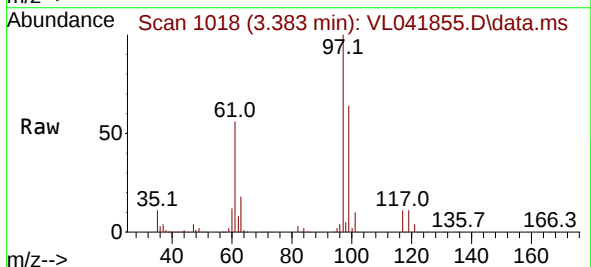
Instrument :
 MSVOA_L
 ClientSampleId :

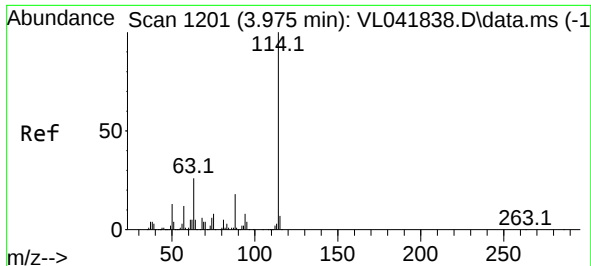
Tgt Ion: 61 Resp: 131506
 Ion Ratio Lower Upper
 61 100
 96 60.5 47.6 71.4
 98 41.5 30.2 45.2



#32
 1,1,1-Trichloroethane
 Concen: 10.051 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 97 Resp: 194205
 Ion Ratio Lower Upper
 97 100
 99 64.5 50.6 76.0
 61 56.7 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

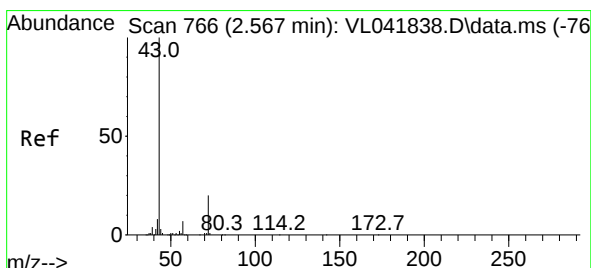
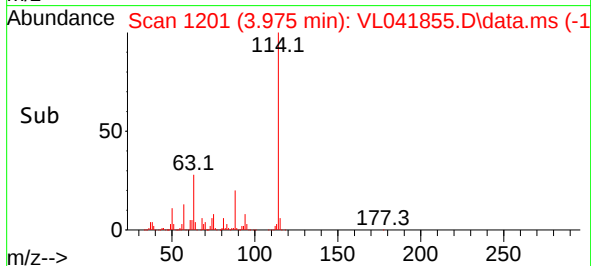
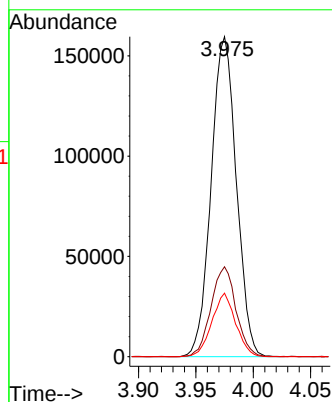
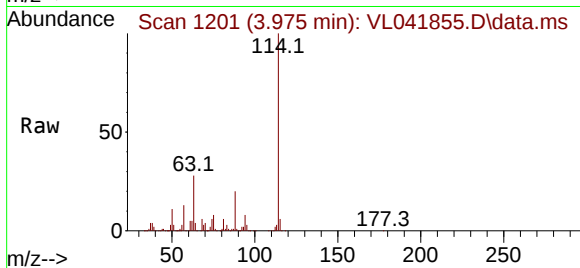
Tgt Ion:114 Resp: 243780

Ion Ratio Lower Upper

114 100

63 28.0 22.3 33.5

88 18.7 14.9 22.3



#34

2-Butanone

Concen: 11.202 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.000 min

Lab File: VL041855.D

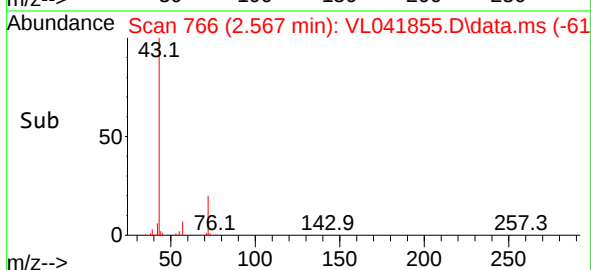
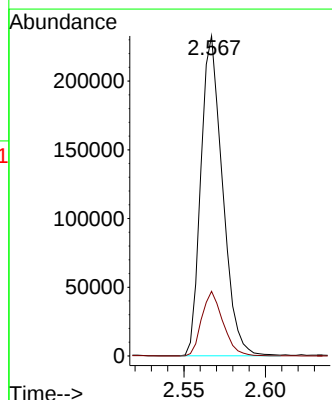
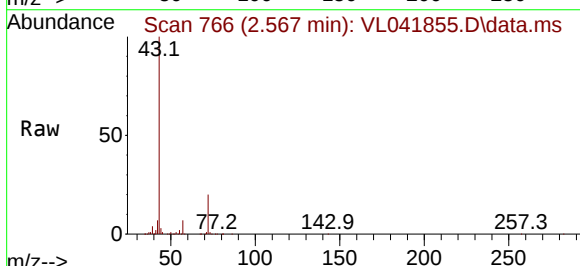
Acq: 07 Jan 2025 21:30

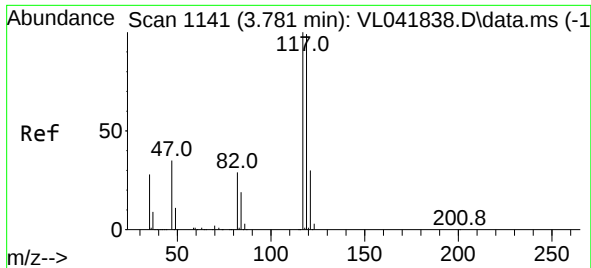
Tgt Ion: 43 Resp: 215107

Ion Ratio Lower Upper

43 100

72 19.8 16.6 25.0

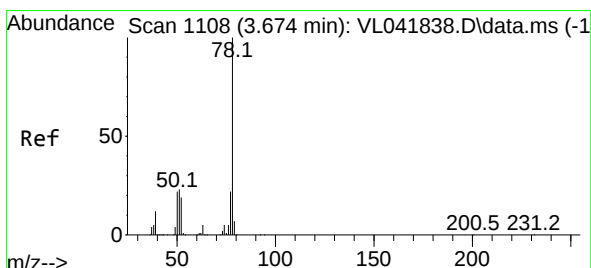
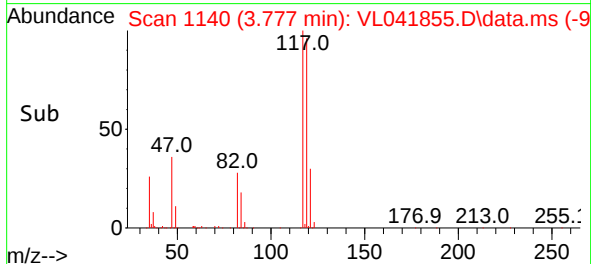
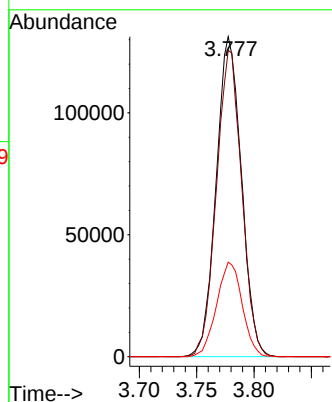
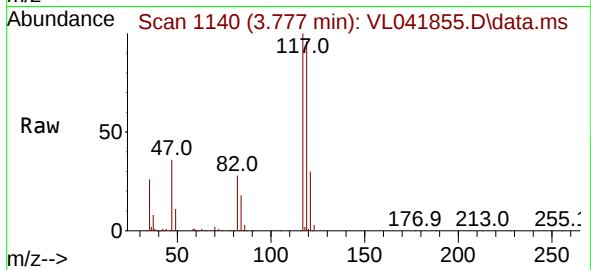




#35
Carbon Tetrachloride
Concen: 10.905 ppbv
RT: 3.777 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

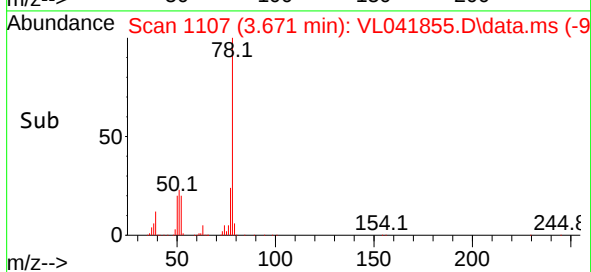
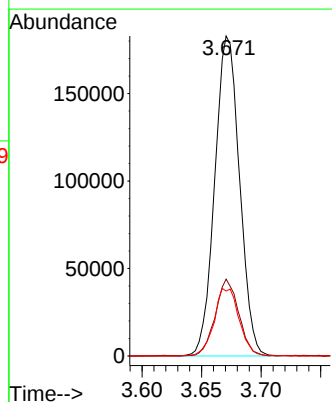
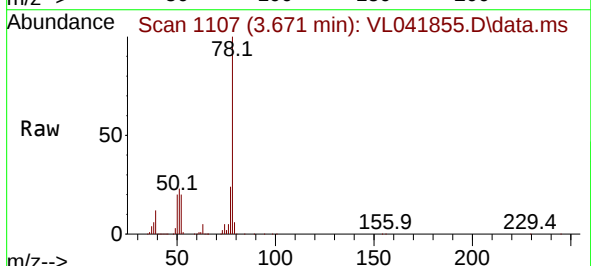
Instrument :
MSVOA_L
ClientSampleId :

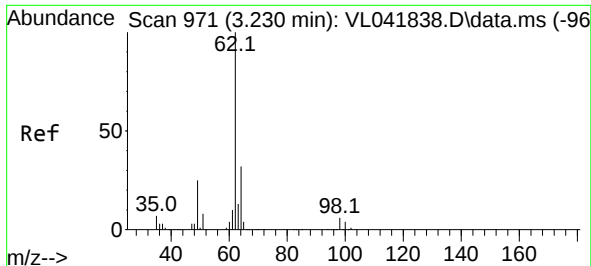
Tgt Ion:117 Resp: 200923
Ion Ratio Lower Upper
117 100
119 95.7 79.1 118.7
121 29.6 24.2 36.2



#36
Benzene
Concen: 11.328 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 78 Resp: 263818
Ion Ratio Lower Upper
78 100
77 23.9 17.4 26.0
50 20.3 17.3 25.9





#37

1,2-Dichloroethane

Concen: 10.717 ppbv

RT: 3.230 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

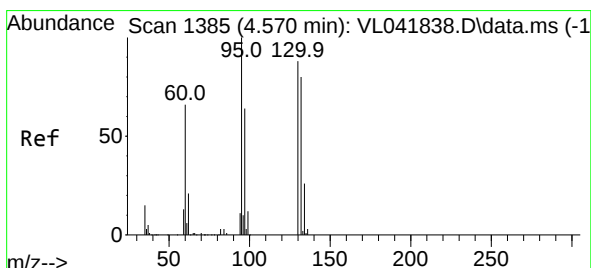
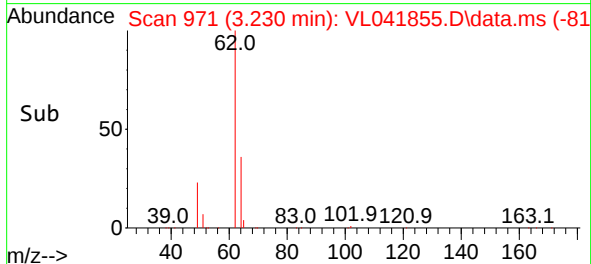
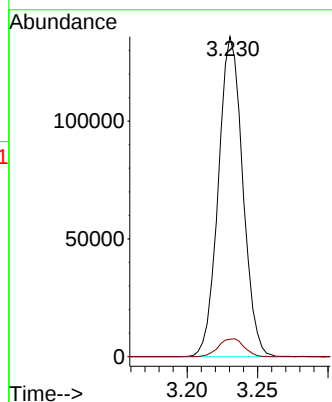
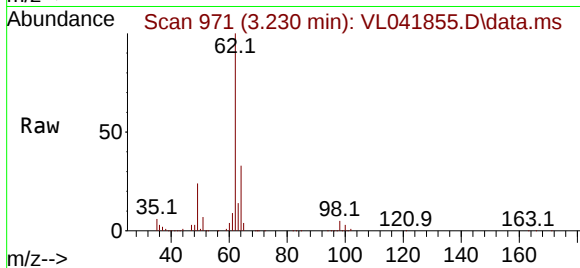
ClientSampleId :

Tgt Ion: 62 Resp: 164076

Ion Ratio Lower Upper

62 100

98 5.9 4.8 7.2



#38

Trichloroethene

Concen: 11.036 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:130 Resp: 98835

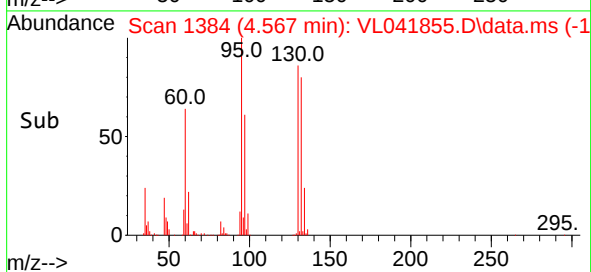
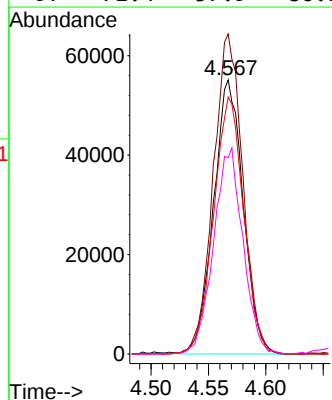
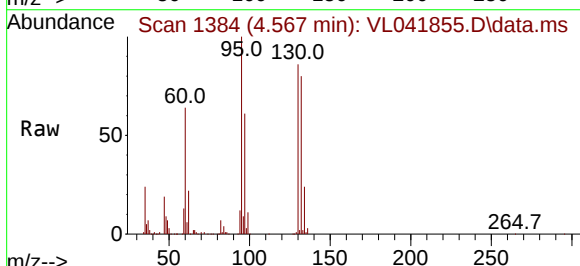
Ion Ratio Lower Upper

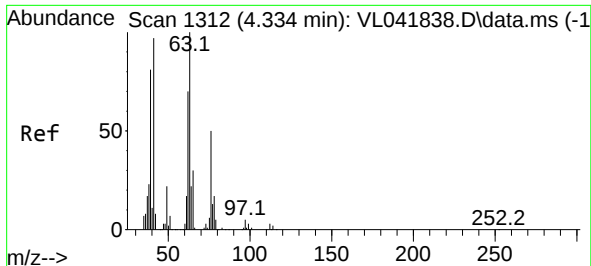
130 100

95 116.5 90.1 135.1

132 93.6 71.8 107.8

97 71.4 57.9 86.9





#39

1,2-Dichloropropane

Concen: 10.798 ppbv

RT: 4.331 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

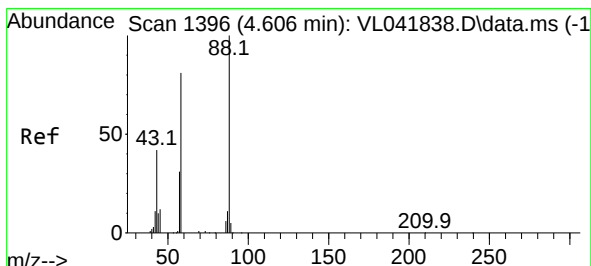
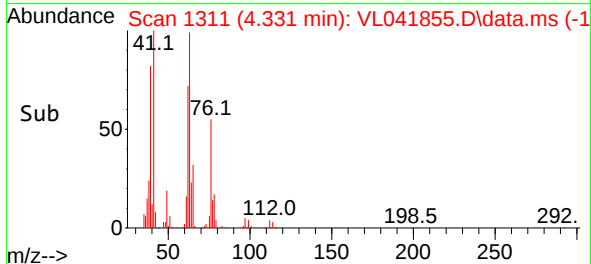
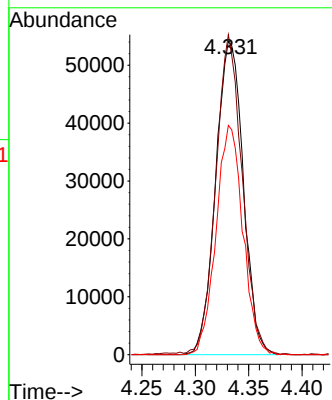
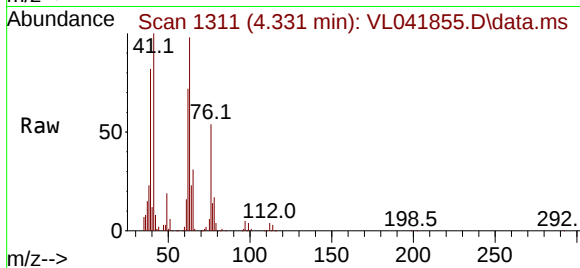
Tgt Ion: 63 Resp: 97273

Ion Ratio Lower Upper

63 100

41 101.9 77.7 116.5

62 73.1 56.2 84.2



#40

1,4-Dioxane

Concen: 12.121 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion: 88 Resp: 42263

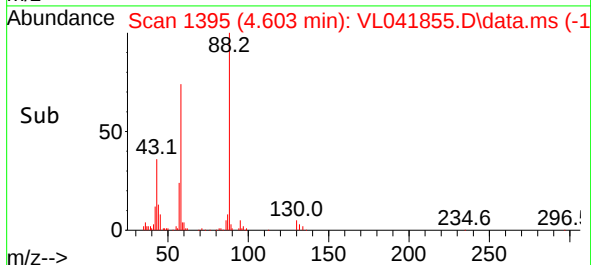
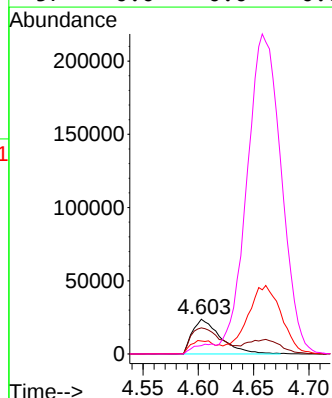
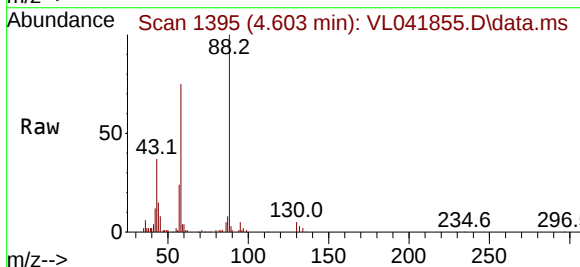
Ion Ratio Lower Upper

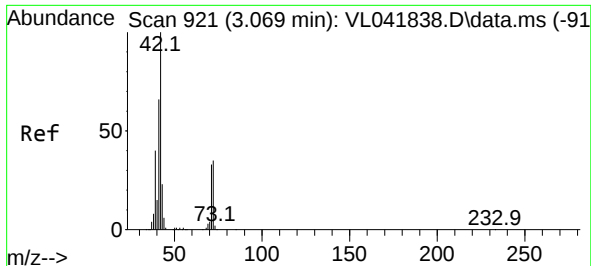
88 100

58 77.9 63.0 94.6

43 36.8 30.0 45.0

57 0.0 0.0 0.0

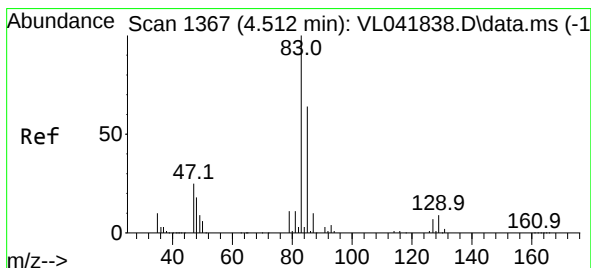
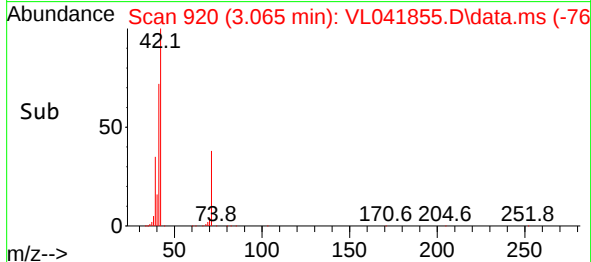
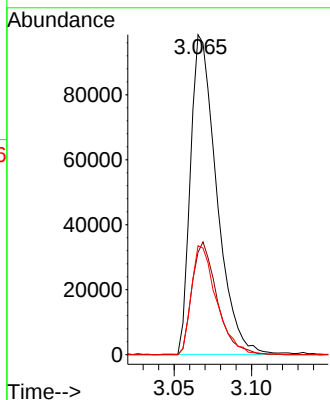
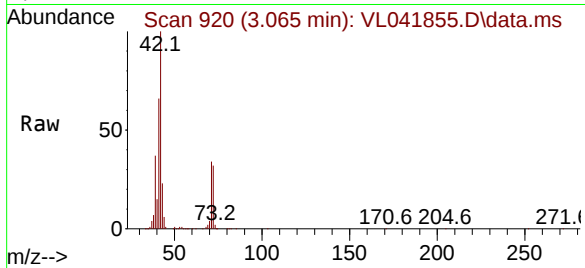




#41
Tetrahydrofuran
Concen: 12.768 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

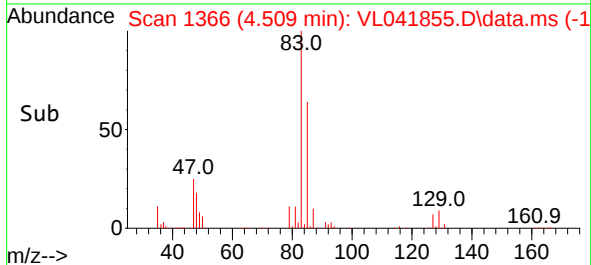
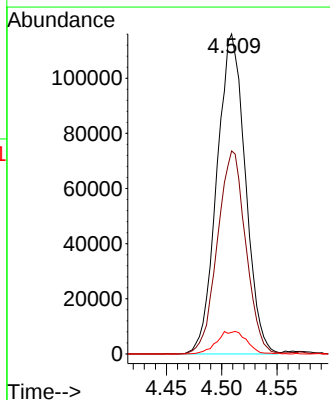
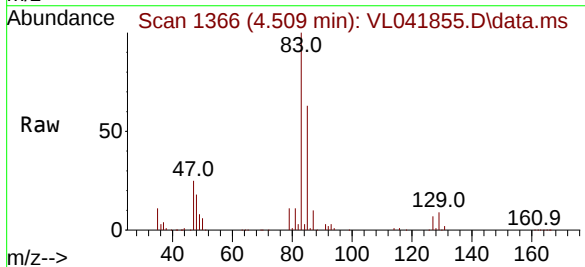
Instrument :
MSVOA_L
ClientSampleId :

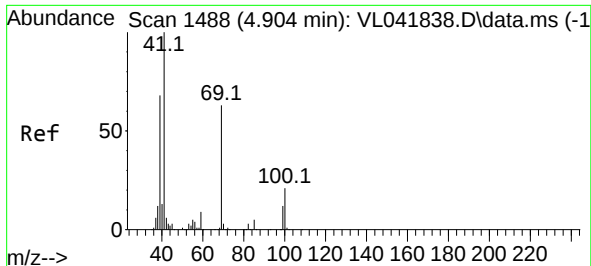
Tgt Ion: 42 Resp: 115504
Ion Ratio Lower Upper
42 100
72 33.8 27.9 41.9
71 32.9 26.5 39.7



#42
Bromodichloromethane
Concen: 11.555 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 83 Resp: 207472
Ion Ratio Lower Upper
83 100
85 63.5 51.3 76.9
127 6.8 5.6 8.4

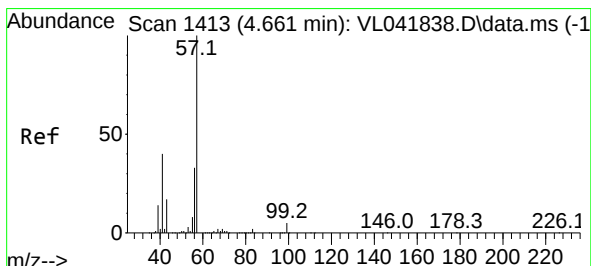
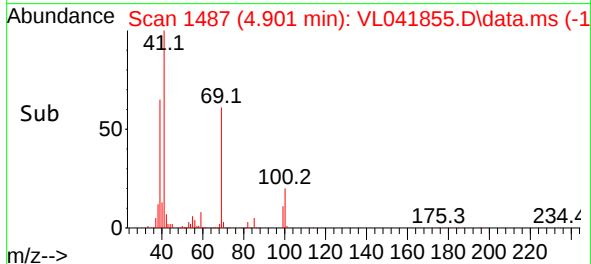
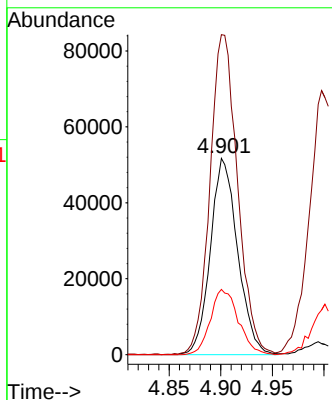
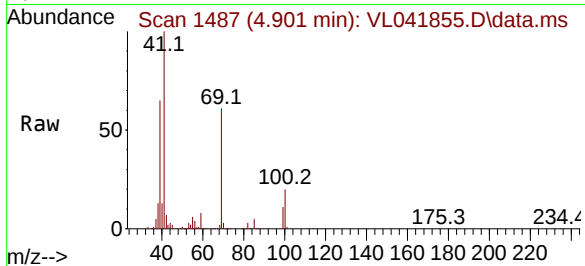




#43
Methyl Methacrylate
Concen: 12.987 ppbv
RT: 4.901 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

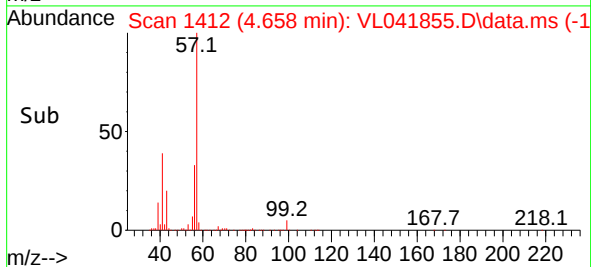
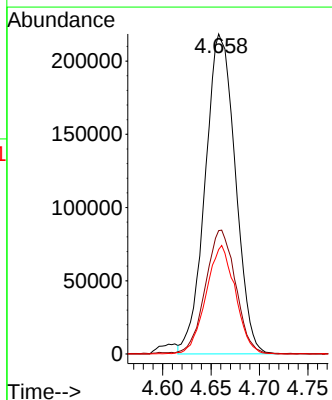
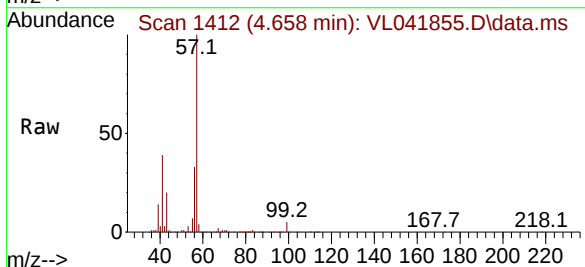
Instrument :
MSVOA_L
ClientSampleId :

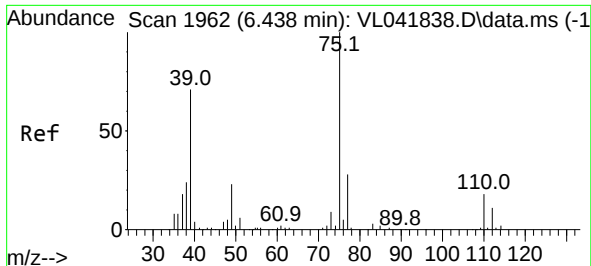
Tgt Ion: 69 Resp: 94976
Ion Ratio Lower Upper
69 100
41 165.0 132.2 198.2
100 34.1 28.2 42.4



#44
2,2,4-Trimethylpentane
Concen: 12.335 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 57 Resp: 473286
Ion Ratio Lower Upper
57 100
41 39.2 31.4 47.2
56 33.0 26.6 39.8

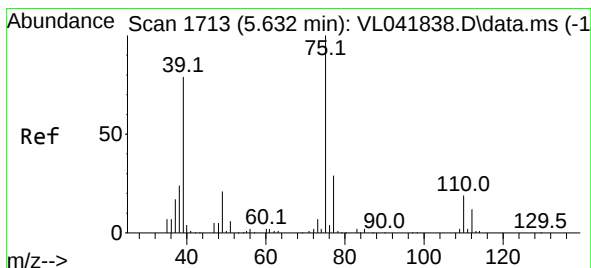
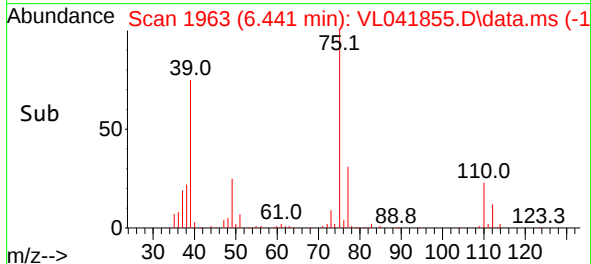
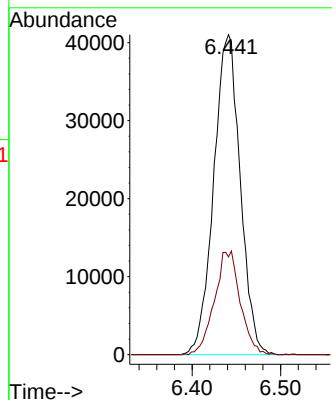
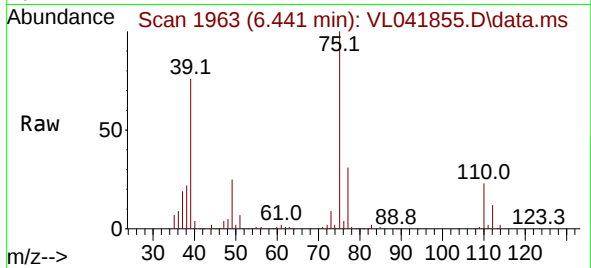




#45
 t-1,3-Dichloropropene
 Concen: 11.960 ppbv
 RT: 6.441 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

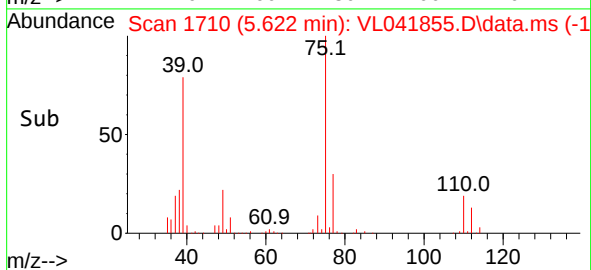
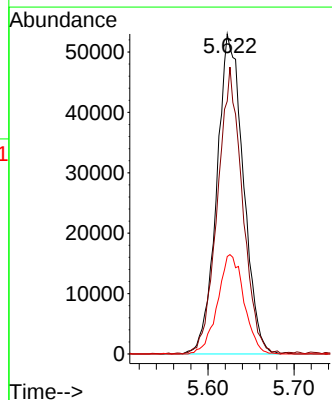
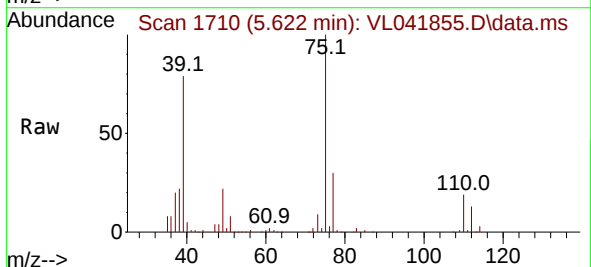
Instrument :
 MSVOA_L
 ClientSampleId :

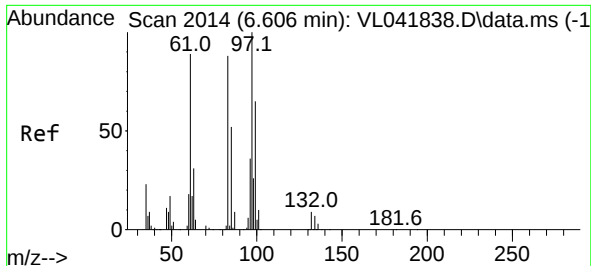
Tgt Ion: 75 Resp: 85389
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.2 33.4



#46
 cis-1,3-Dichloropropene
 Concen: 12.071 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. -0.010 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 75 Resp: 113483
 Ion Ratio Lower Upper
 75 100
 39 78.7 63.3 94.9
 77 30.4 23.5 35.3





#47

1,1,2-Trichloroethane

Concen: 10.696 ppbv

RT: 6.603 min Scan# 2014

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 101788

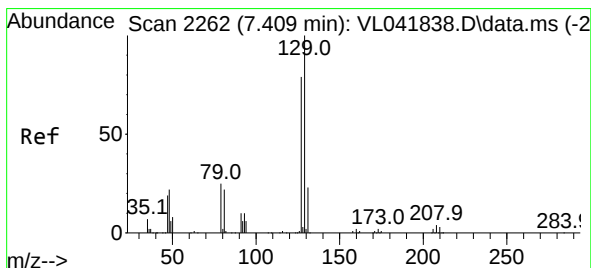
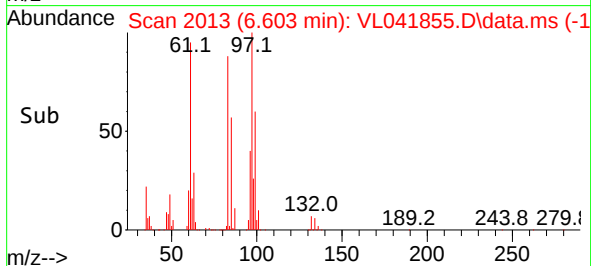
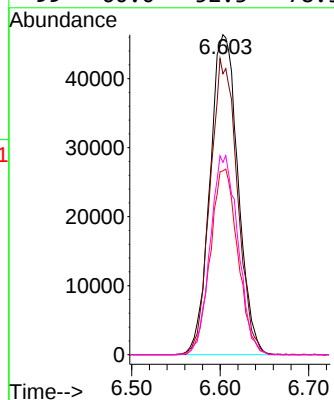
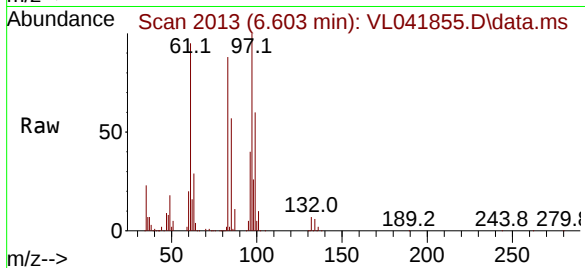
Ion Ratio Lower Upper

97 100

83 87.8 70.3 105.5

85 57.3 41.5 62.3

99 60.0 52.3 78.5



#48

Dibromochloromethane

Concen: 12.101 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. -0.003 min

Lab File: VL041855.D

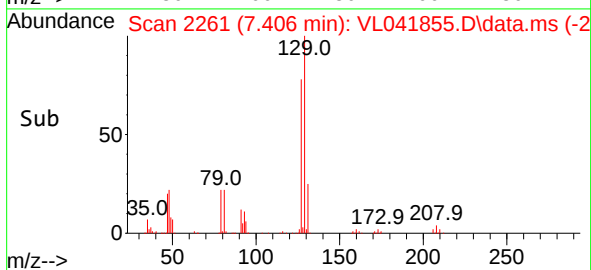
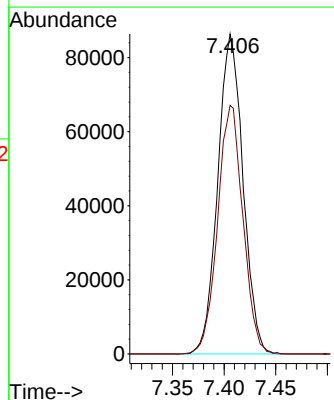
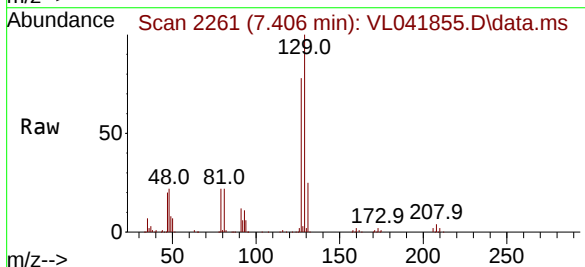
Acq: 07 Jan 2025 21:30

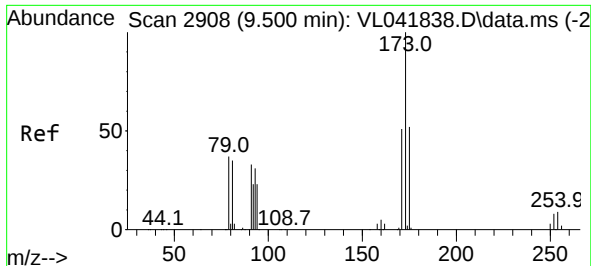
Tgt Ion: 129 Resp: 146766

Ion Ratio Lower Upper

129 100

127 77.9 38.7 116.1

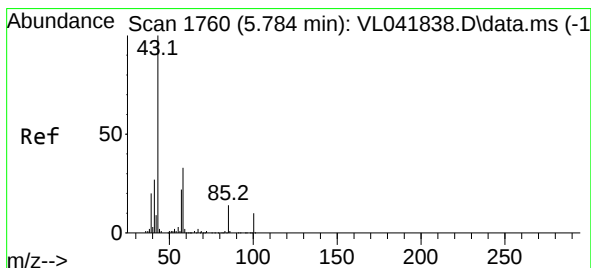
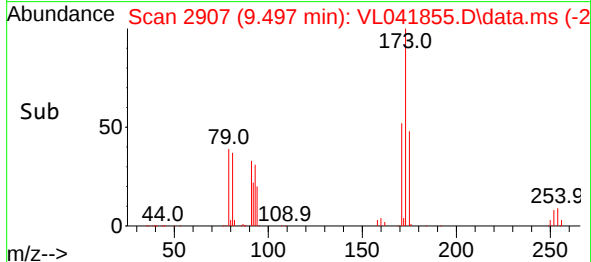
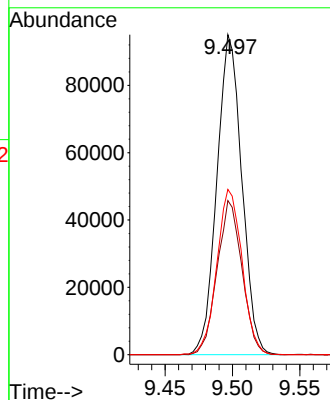
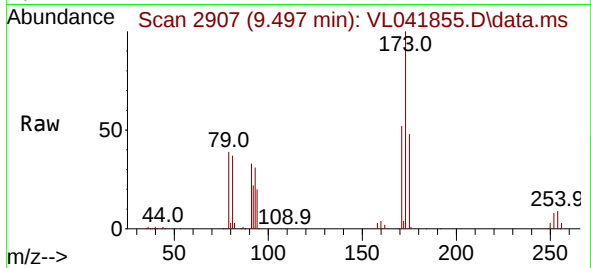




#49
Bromoform
Concen: 12.591 ppbv
RT: 9.497 min Scan# 2908
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

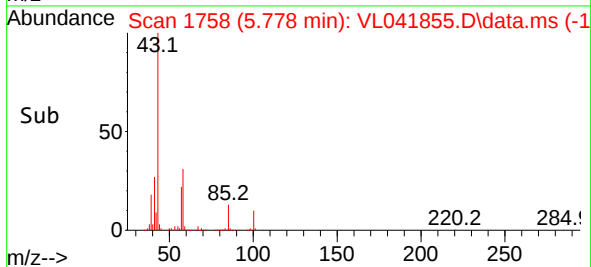
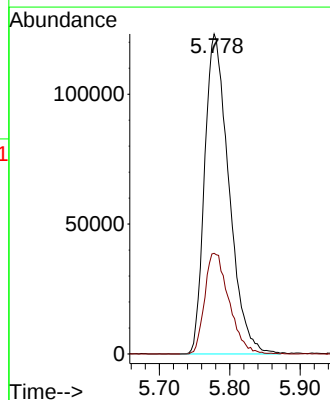
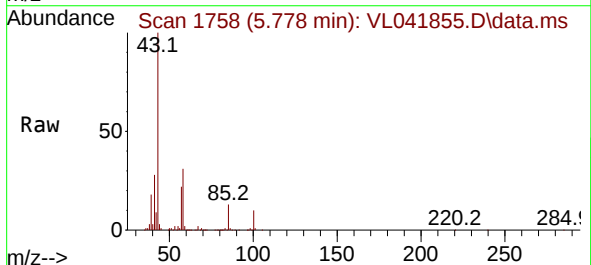
Instrument :
MSVOA_L
ClientSampleId :

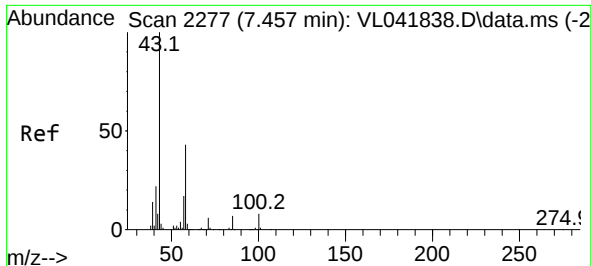
Tgt Ion:173 Resp: 122385
Ion Ratio Lower Upper
173 100
175 48.0 39.5 59.3
171 52.2 41.5 62.3



#50
4-Methyl-2-Pentanone
Concen: 13.276 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 43 Resp: 294840
Ion Ratio Lower Upper
43 100
58 31.6 25.6 38.4

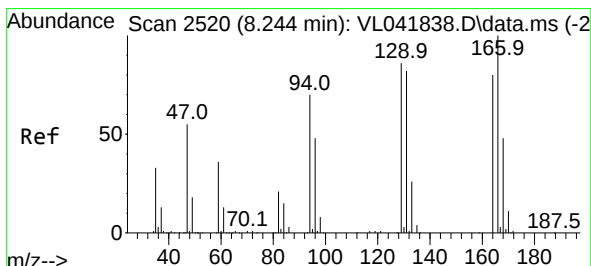
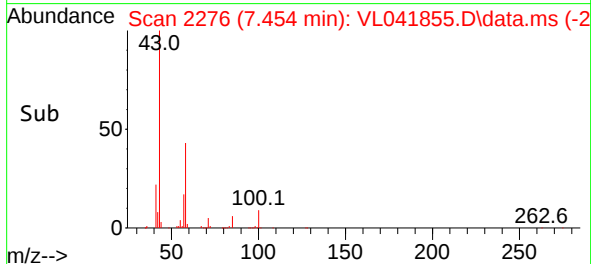
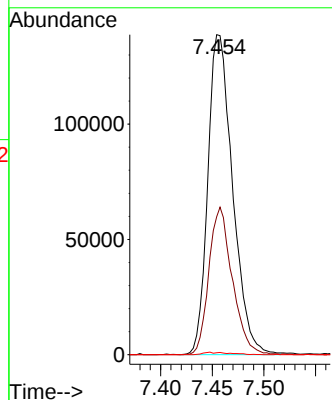
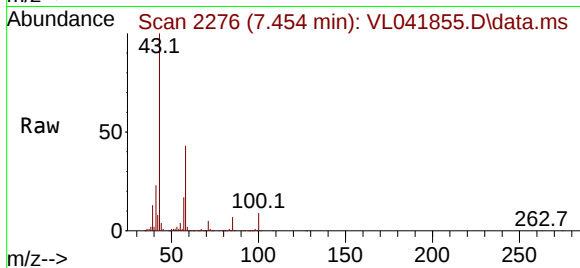




#51
2-Hexanone
Concen: 13.791 ppbv
RT: 7.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

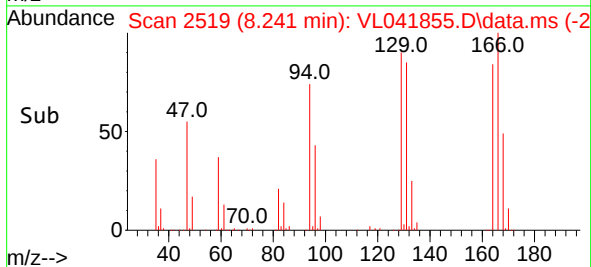
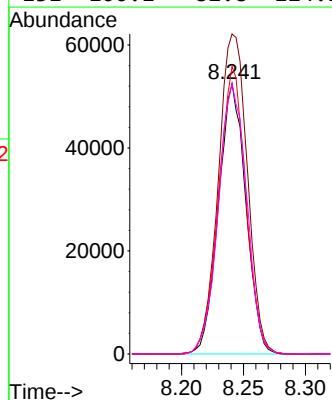
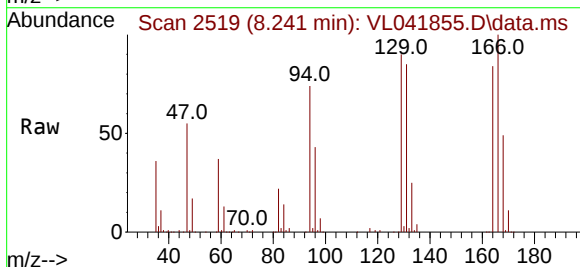
Instrument :
MSVOA_L
ClientSampleId :

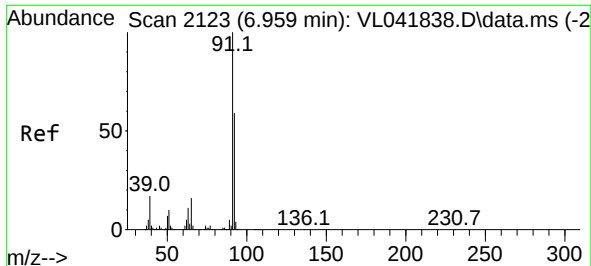
Tgt Ion: 43 Resp: 231768
Ion Ratio Lower Upper
43 100
58 43.6 33.8 50.8
98 0.8 0.7 1.1



#52
Tetrachloroethene
Concen: 11.675 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 164 Resp: 80623
Ion Ratio Lower Upper
164 100
166 118.4 100.4 150.6
129 106.3 85.9 128.9
131 100.1 82.8 124.2

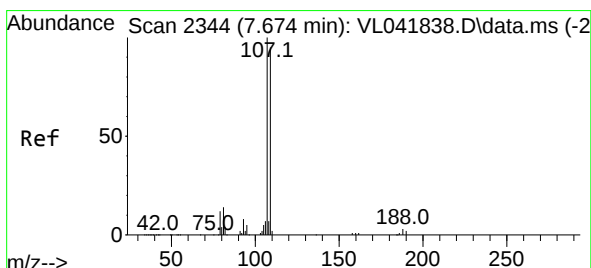
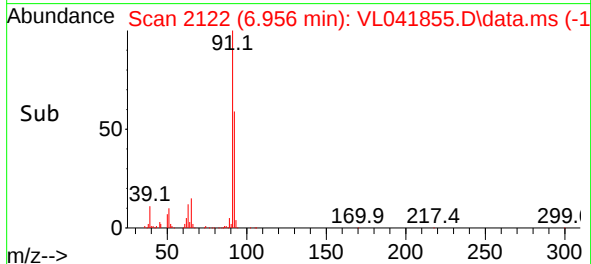
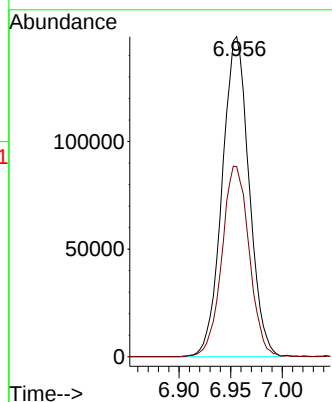
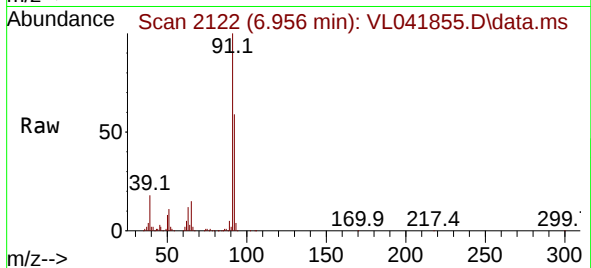




#53
Toluene
Concen: 12.992 ppbv
RT: 6.956 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

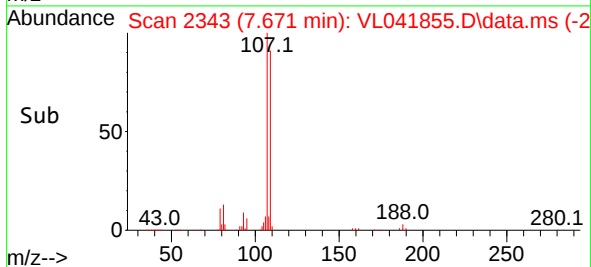
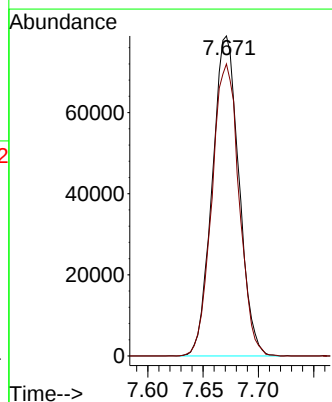
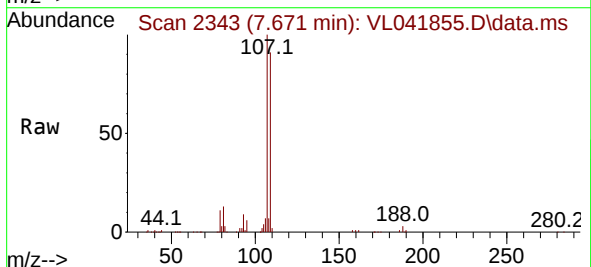
Instrument :
MSVOA_L
ClientSampleId :

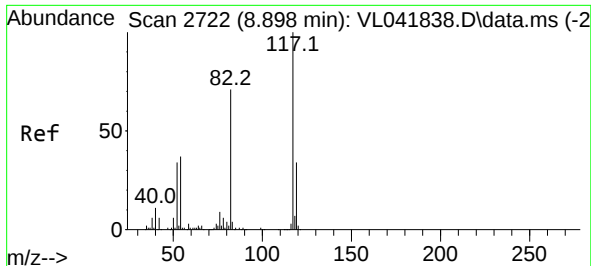
Tgt Ion: 91 Resp: 269294
Ion Ratio Lower Upper
91 100
92 60.4 47.8 71.6



#54
1,2-Dibromoethane
Concen: 11.340 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 107 Resp: 132314
Ion Ratio Lower Upper
107 100
109 91.2 75.9 113.9

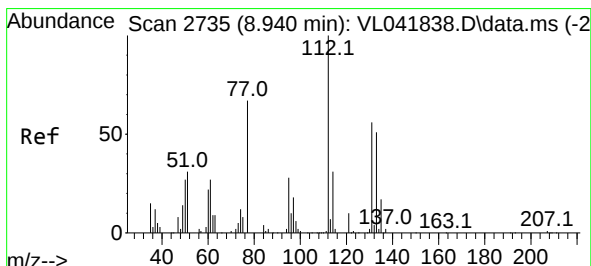
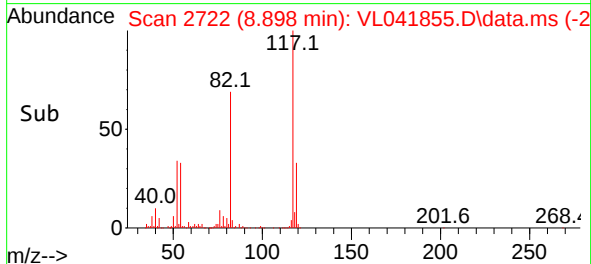
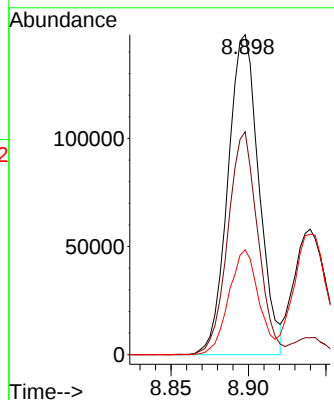
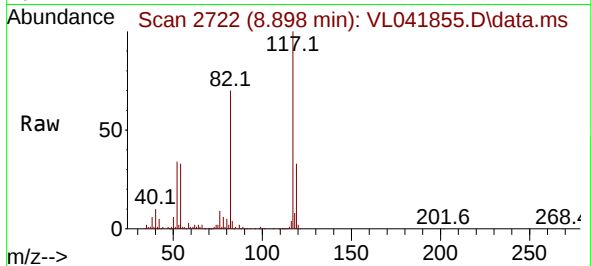




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

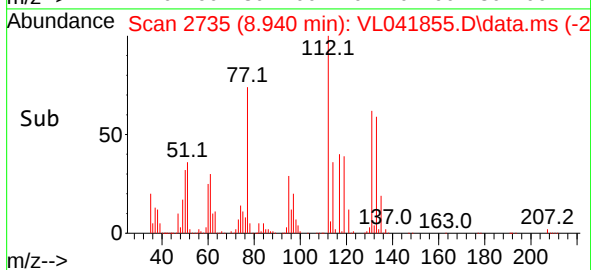
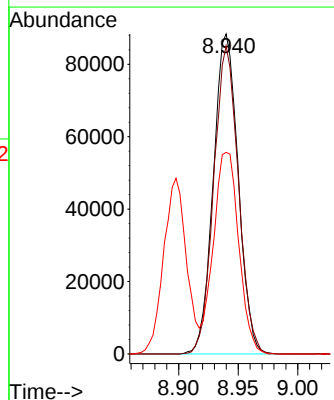
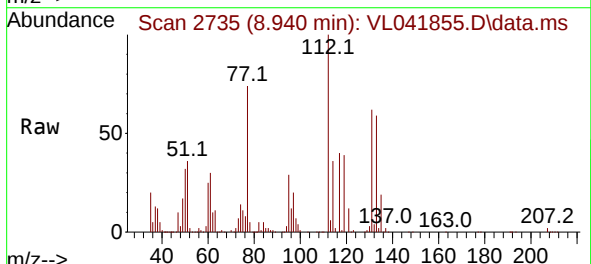
Instrument :
MSVOA_L
ClientSampleId :

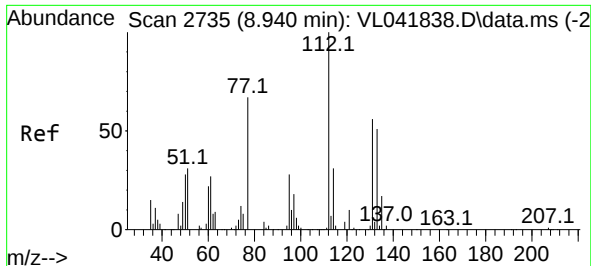
Tgt Ion:117 Resp: 206717
Ion Ratio Lower Upper
117 100
82 72.8 59.1 88.7
119 30.9 27.3 40.9



#56
1,1,1,2-Tetrachloroethane
Concen: 10.874 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion:131 Resp: 128117
Ion Ratio Lower Upper
131 100
133 95.4 77.3 115.9
119 64.4 50.6 76.0

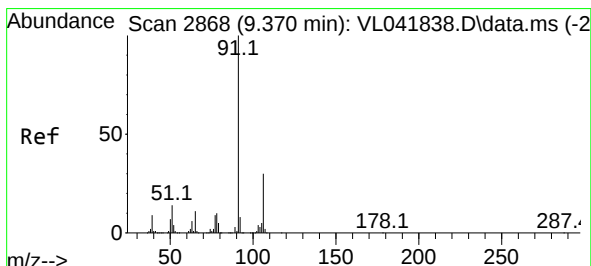
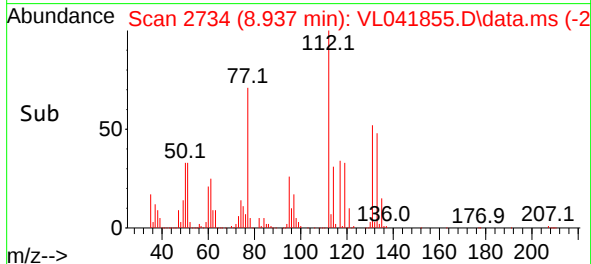
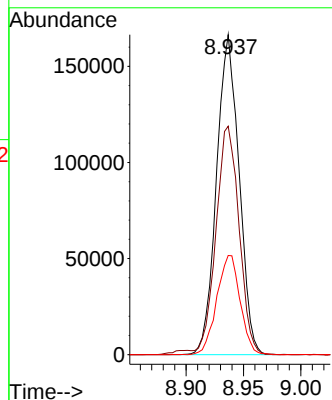
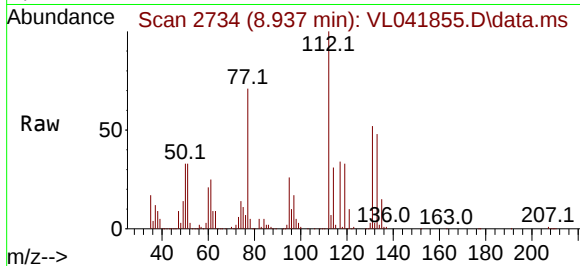




#57
Chlorobenzene
Concen: 10.543 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

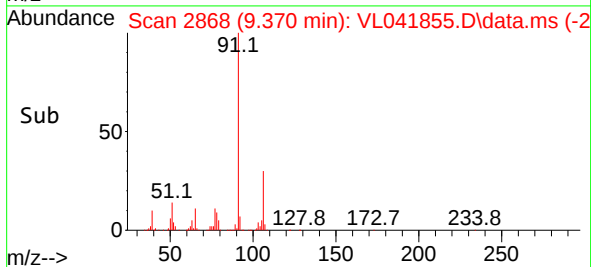
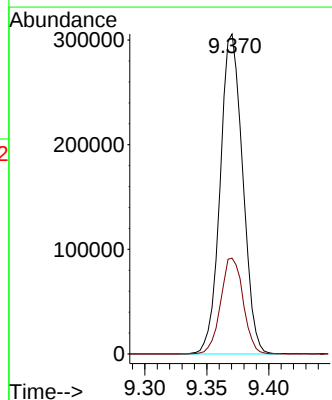
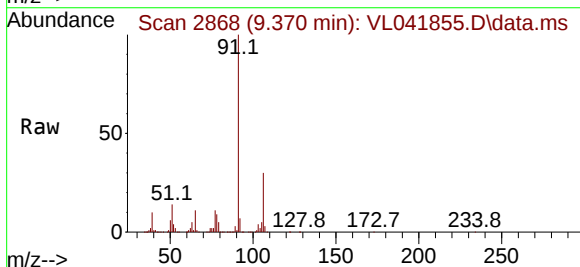
Instrument :
MSVOA_L
ClientSampleId :

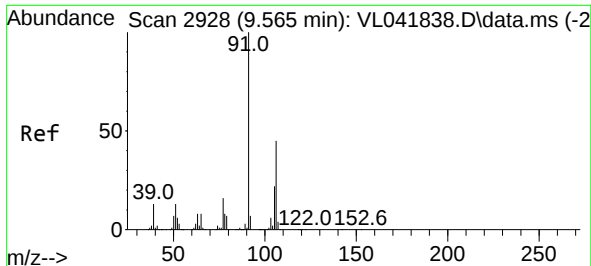
Tgt Ion:112 Resp: 227702
Ion Ratio Lower Upper
112 100
77 71.4 55.1 82.7
114 31.0 28.3 34.5



#58
Ethyl Benzene
Concen: 13.763 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 91 Resp: 387745
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8





#59

m/p-Xylene

Concen: 13.479 ppbv

RT: 9.565 min Scan# 2928

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

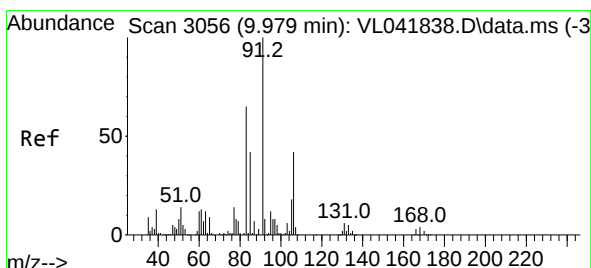
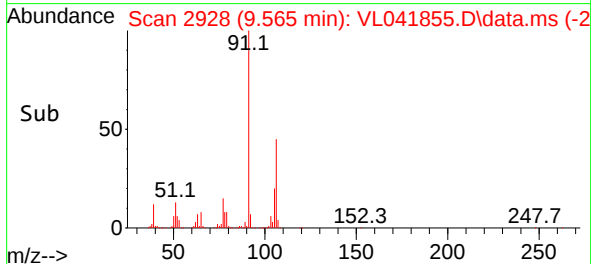
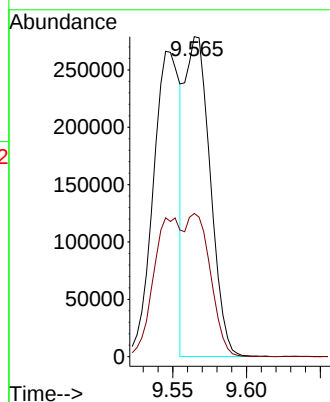
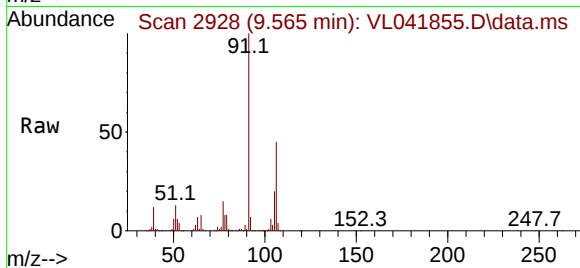
ClientSampleId :

Tgt Ion: 91 Resp: 334577

Ion Ratio Lower Upper

91 100

106 91.6 36.7 55.1#



#60

o-Xylene

Concen: 13.760 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.000 min

Lab File: VL041855.D

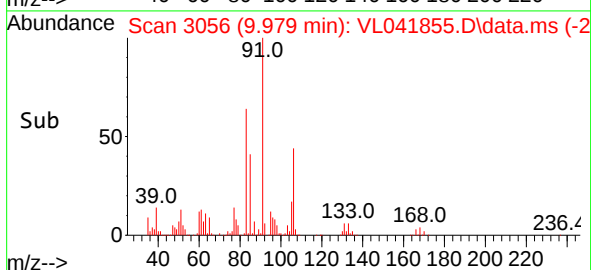
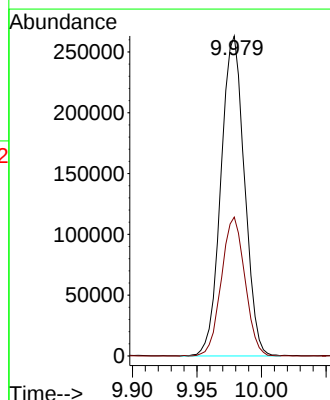
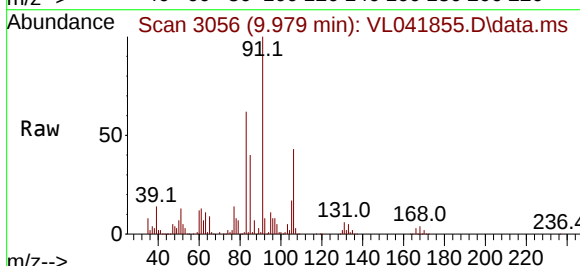
Acq: 07 Jan 2025 21:30

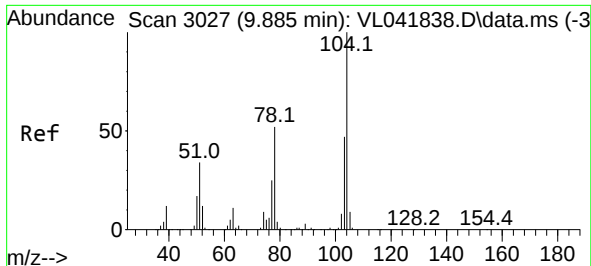
Tgt Ion: 91 Resp: 332864

Ion Ratio Lower Upper

91 100

106 43.5 21.9 65.5

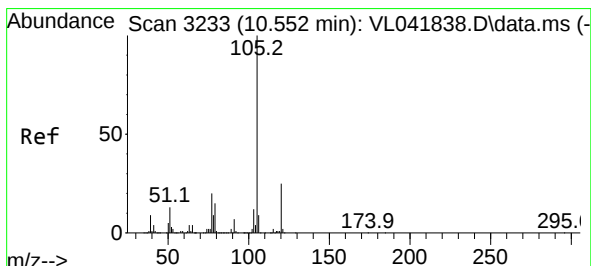
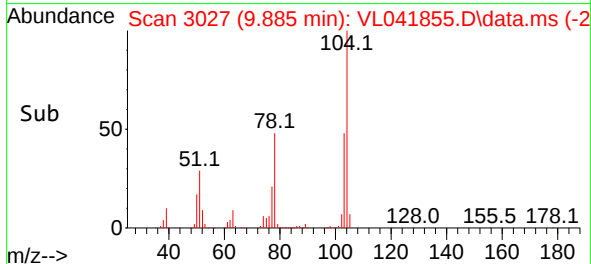
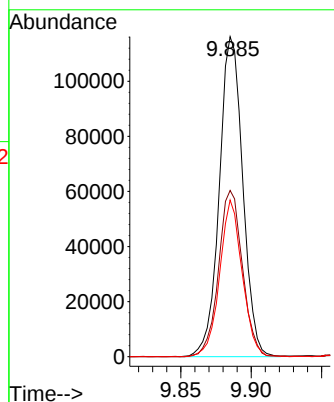
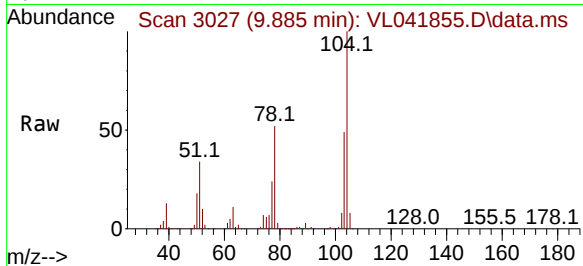




#61
Styrene
Concen: 14.385 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

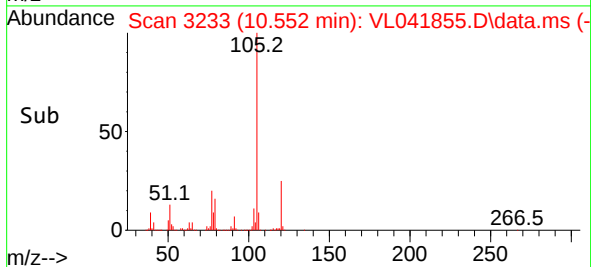
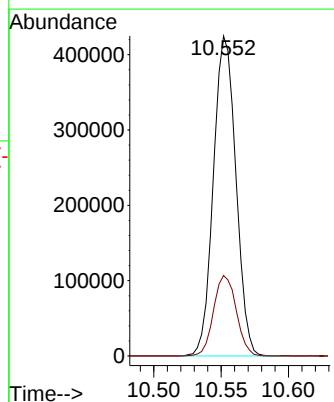
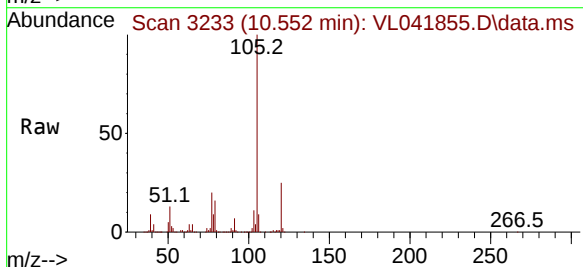
Instrument :
MSVOA_L
ClientSampleId :

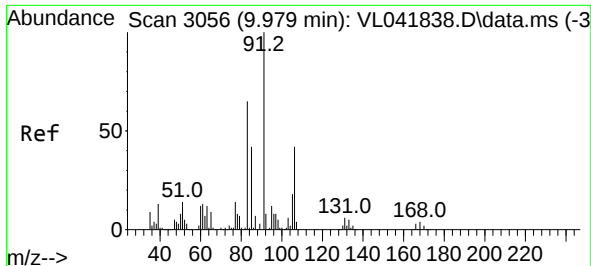
Tgt Ion:104 Resp: 135001
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 46.9 37.8 56.6



#62
Isopropylbenzene
Concen: 12.982 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion:105 Resp: 493367
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6

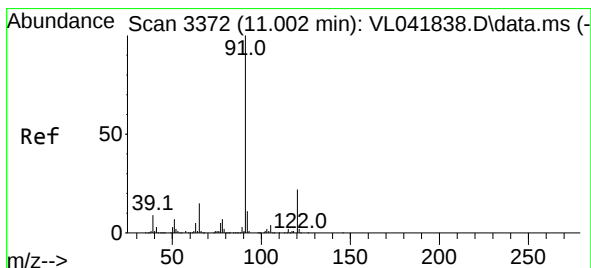
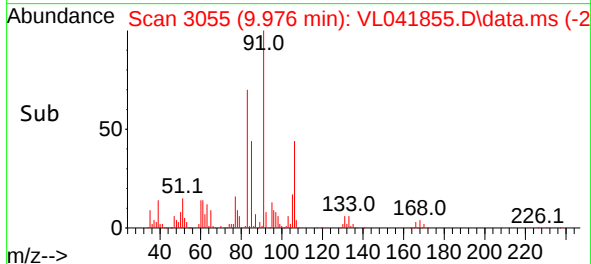
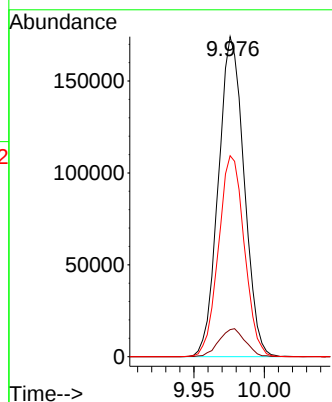
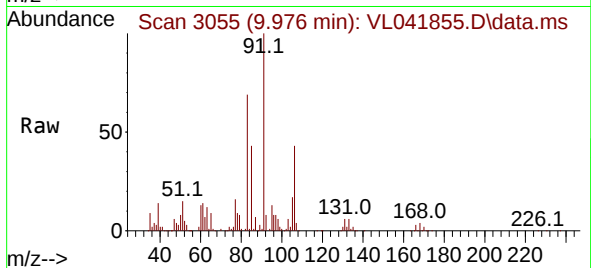




#63
1,1,2,2-Tetrachloroethane
Concen: 10.438 ppbv
RT: 9.976 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

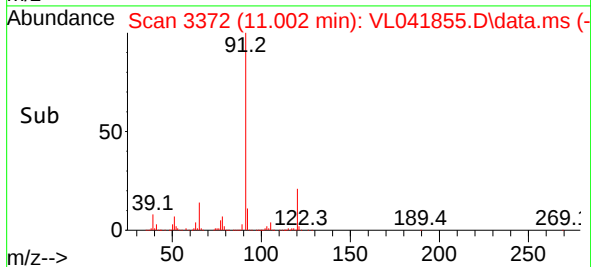
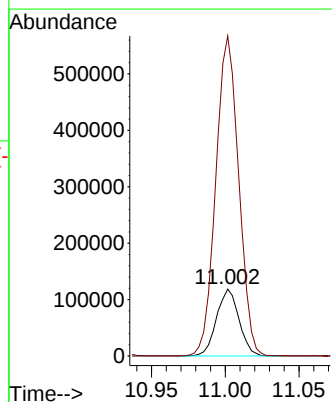
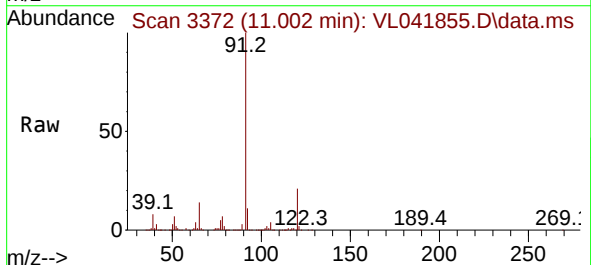
Instrument :
MSVOA_L
ClientSampleId :

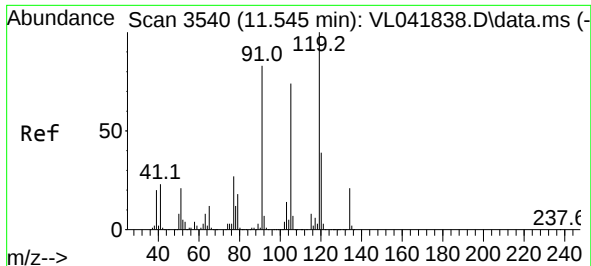
Tgt Ion: 83 Resp: 221419
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 63.0 31.9 95.9



#64
n-propylbenzene
Concen: 12.863 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion:120 Resp: 125412
Ion Ratio Lower Upper
120 100
91 489.5 382.1 573.1

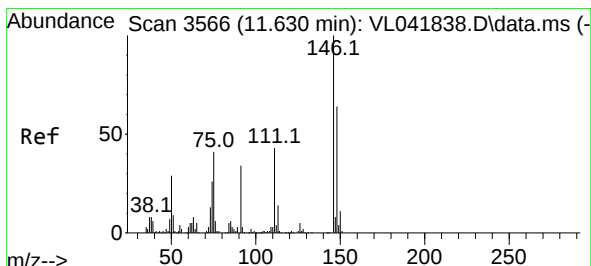
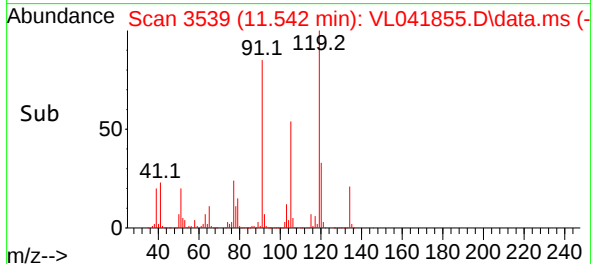
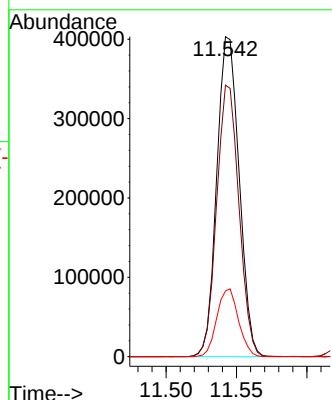
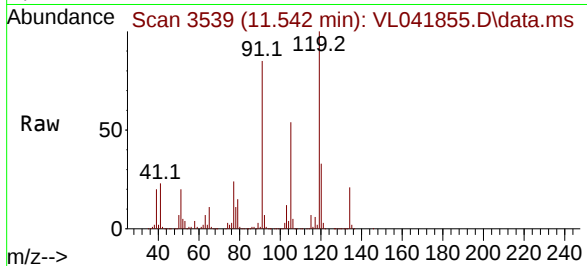




#65
tert-Butylbenzene
Concen: 13.028 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

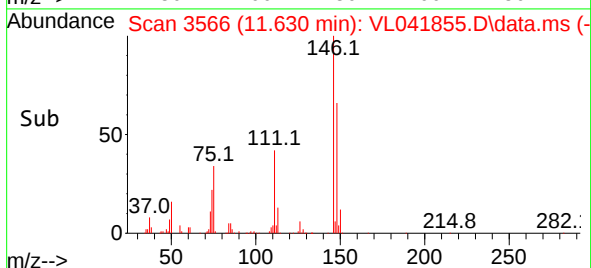
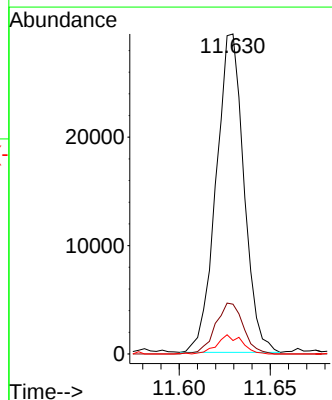
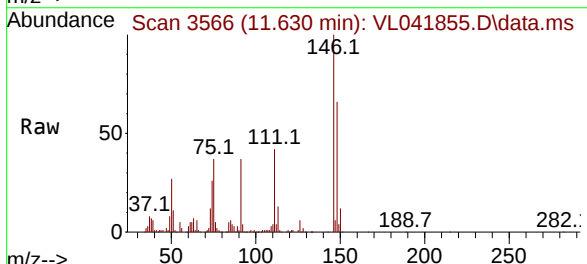
Instrument :
MSVOA_L
ClientSampleId :

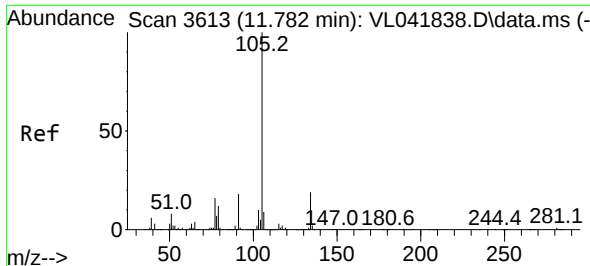
Tgt Ion:119 Resp: 446167
Ion Ratio Lower Upper
119 100
91 84.6 68.0 102.0
134 20.5 16.2 24.4



#66
Benzyl Chloride
Concen: 10.849 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 91 Resp: 31125
Ion Ratio Lower Upper
91 100
126 16.0 12.1 18.1
128 5.5 4.3 6.5

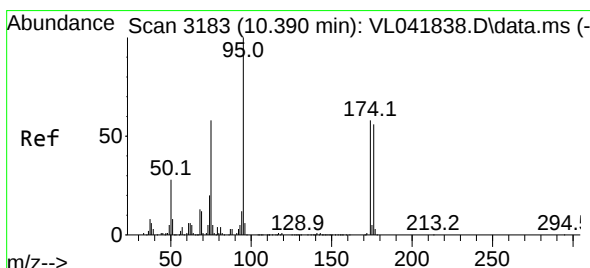
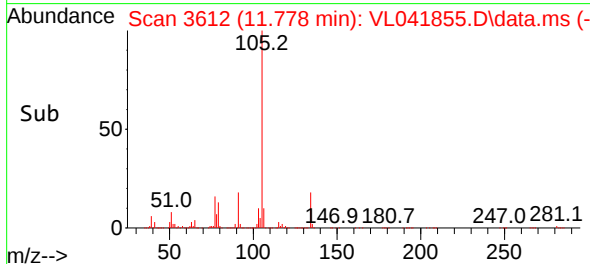
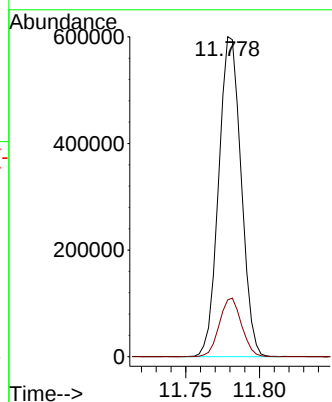
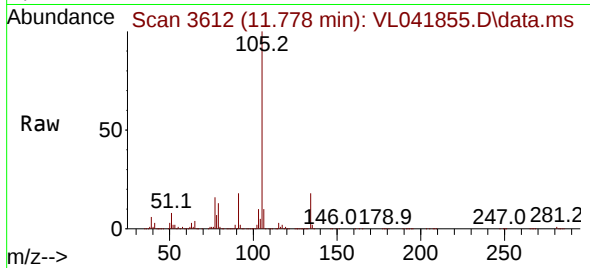




#67
 sec-Butylbenzene
 Concen: 12.731 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

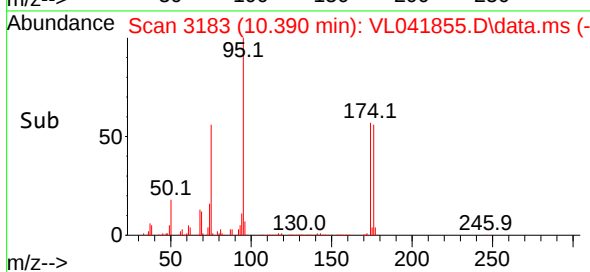
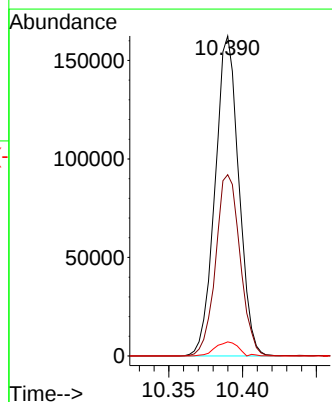
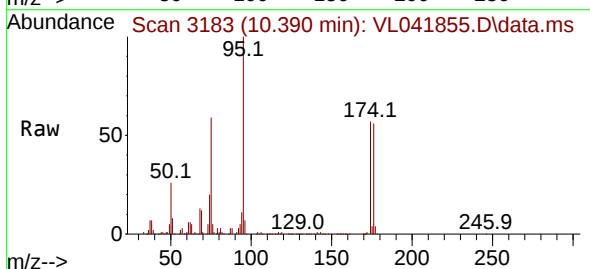
Instrument :
 MSVOA_L
 ClientSampleId :

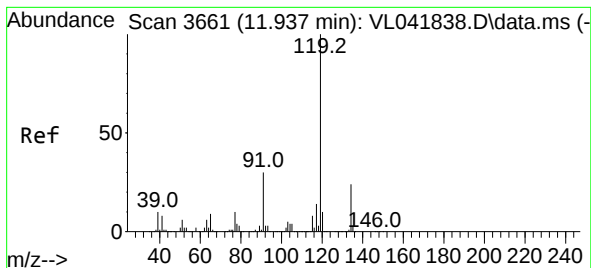
Tgt Ion:105 Resp: 636199
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 22.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.264 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 95 Resp: 181716
 Ion Ratio Lower Upper
 95 100
 174 58.6 47.6 71.4
 175 4.4 3.8 5.6

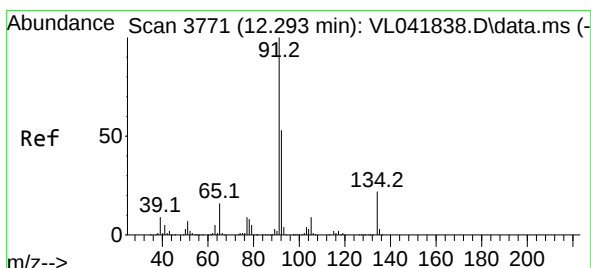
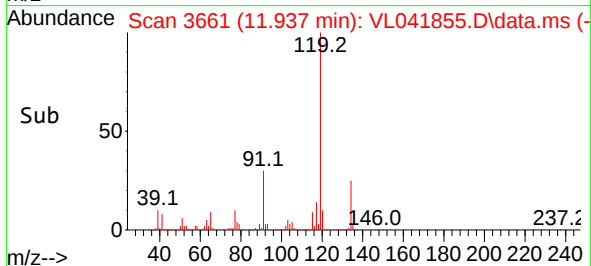
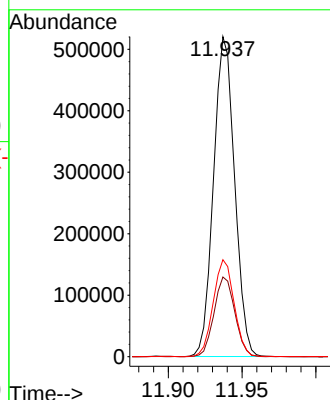
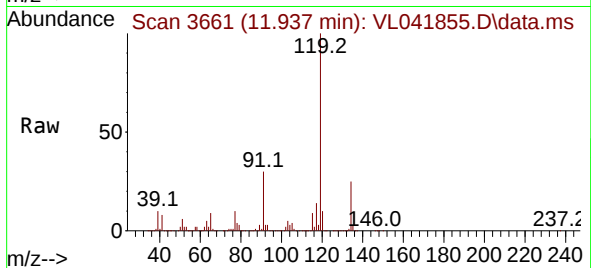




#69
 p-Isopropyltoluene
 Concen: 13.191 ppbv
 RT: 11.937 min Scan# 3661
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

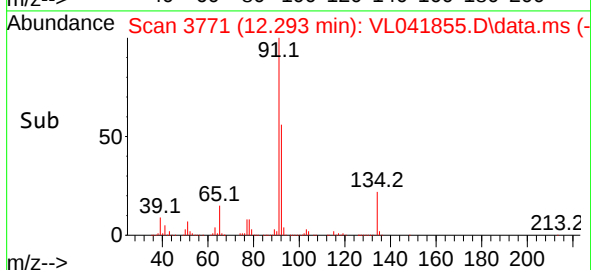
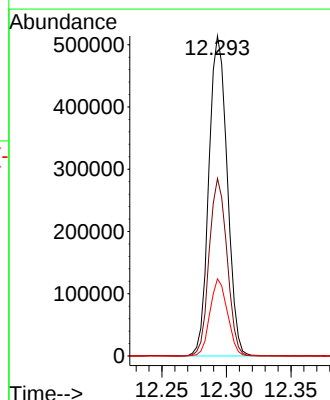
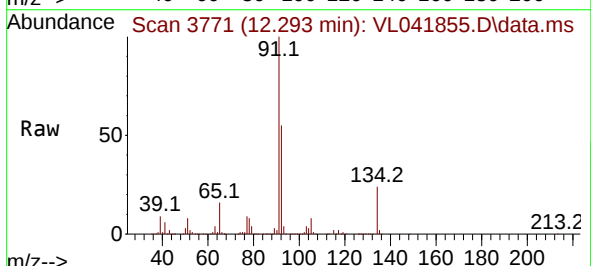
Instrument :
 MSVOA_L
 ClientSampleId :

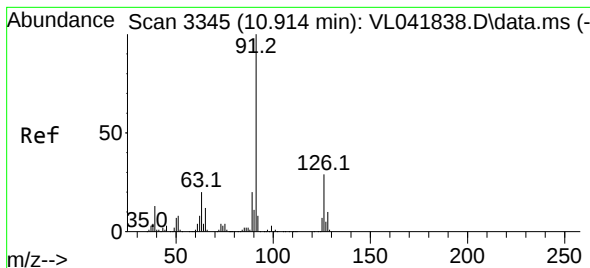
Tgt Ion:119 Resp: 517542
 Ion Ratio Lower Upper
 119 100
 134 24.7 19.4 29.2
 91 30.2 24.0 36.0



#70
 n-Butylbenzene
 Concen: 12.912 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 91 Resp: 508944
 Ion Ratio Lower Upper
 91 100
 92 54.0 42.8 64.2
 134 22.9 17.8 26.6

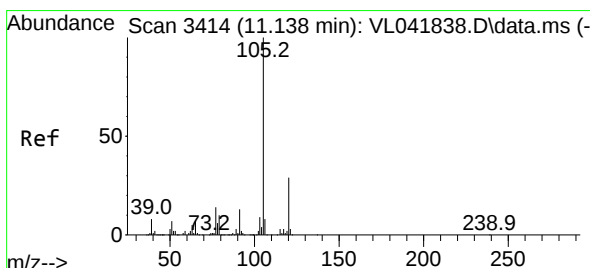
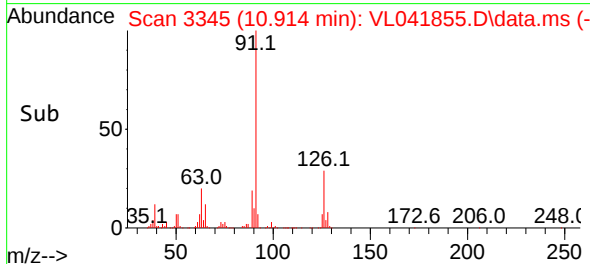
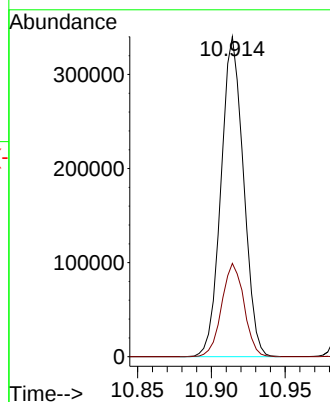
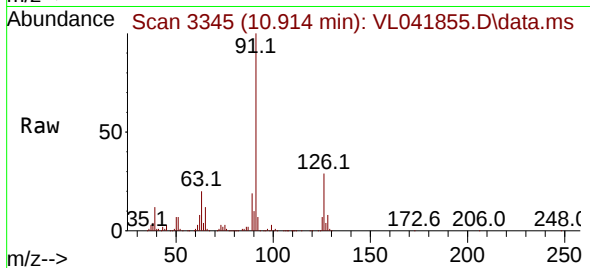




#71
2-Chlorotoluene
Concen: 13.087 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

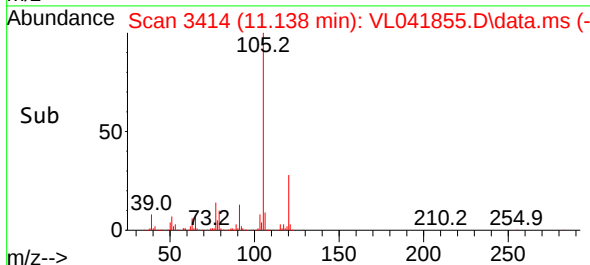
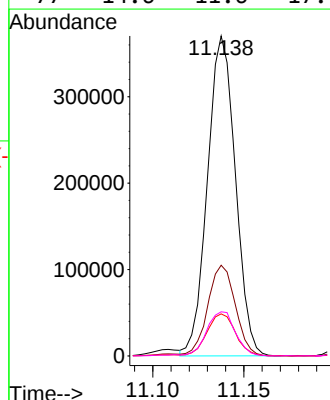
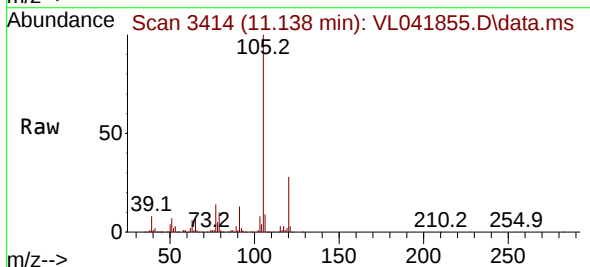
Instrument :
MSVOA_L
ClientSampleId :

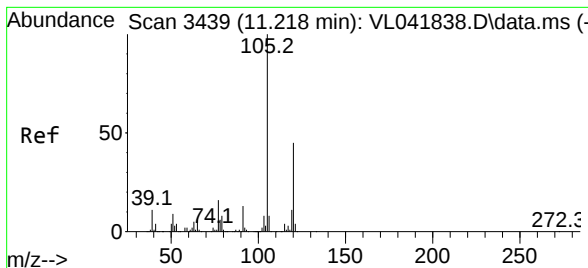
Tgt Ion: 91 Resp: 361026
Ion Ratio Lower Upper
91 100
126 28.9 11.6 46.6



#72
4-Ethyltoluene
Concen: 13.518 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 105 Resp: 395463
Ion Ratio Lower Upper
105 100
120 28.6 23.4 35.2
91 13.8 10.8 16.2
77 14.6 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 13.276 ppbv

RT: 11.215 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

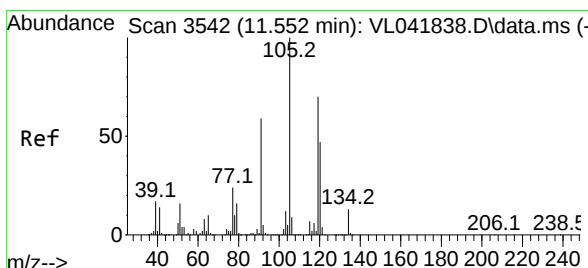
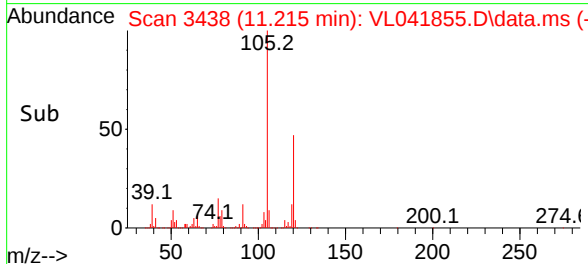
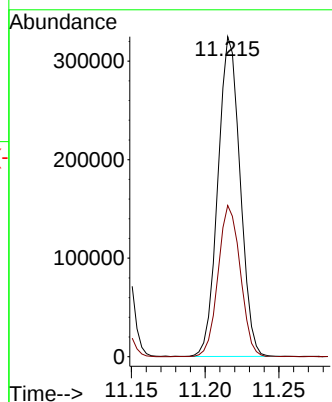
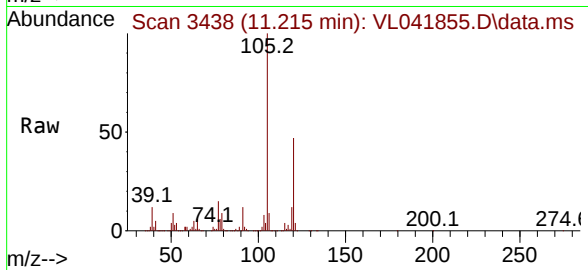
ClientSampleId :

Tgt Ion:105 Resp: 340147

Ion Ratio Lower Upper

105 100

120 47.2 35.9 53.9



#74

1,2,4-Trimethylbenzene

Concen: 12.763 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:105 Resp: 378800

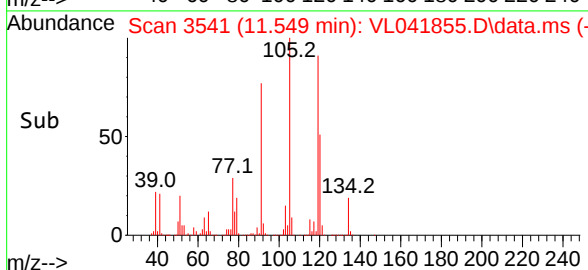
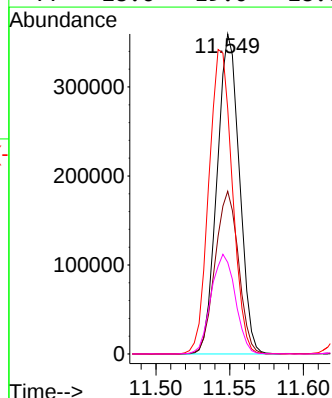
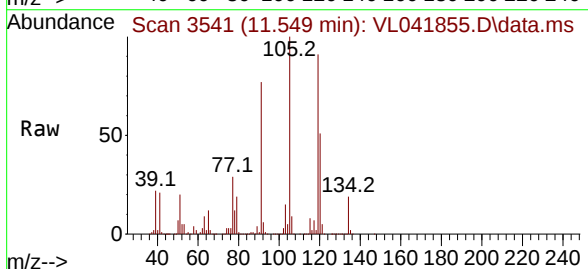
Ion Ratio Lower Upper

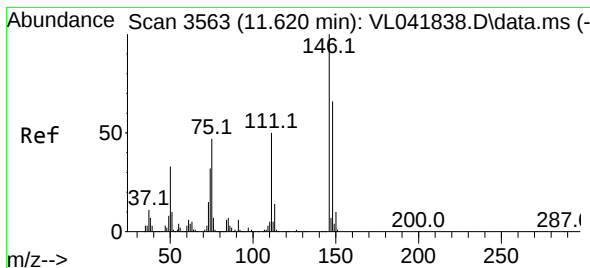
105 100

120 50.8 37.4 56.0

91 76.6 47.4 71.2#

77 28.6 19.0 28.6#





#75

1,3-Dichlorobenzene

Concen: 10.891 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_1

ClientSampleId :

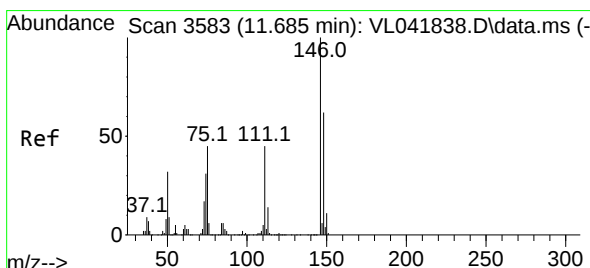
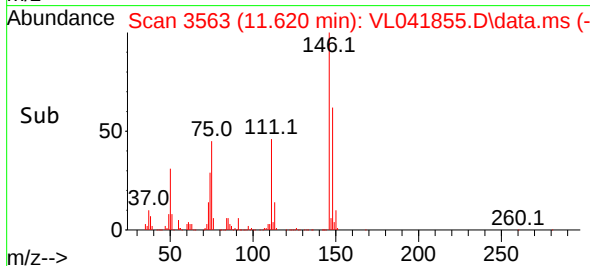
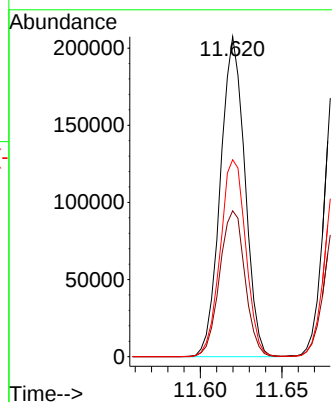
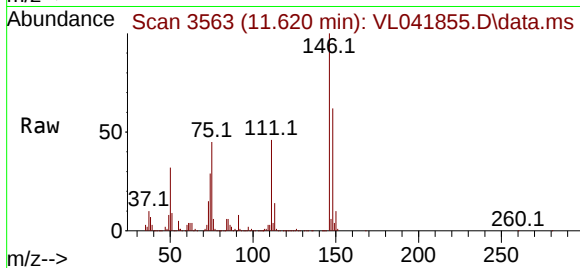
Tgt Ion:146 Resp: 216345

Ion Ratio Lower Upper

146 100

111 47.2 24.1 72.2

148 64.0 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 11.149 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

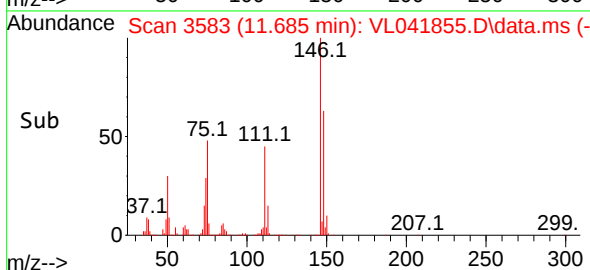
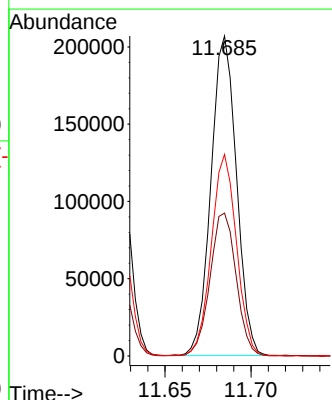
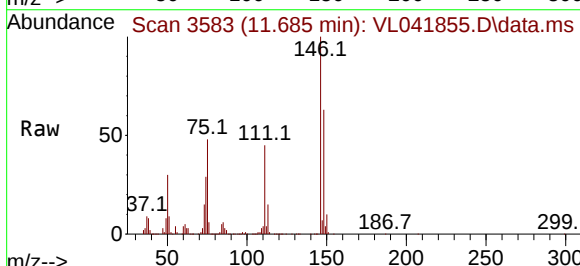
Tgt Ion:146 Resp: 213108

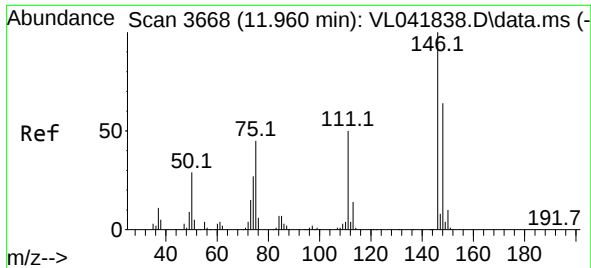
Ion Ratio Lower Upper

146 100

111 46.2 23.2 69.6

148 62.6 32.1 96.3

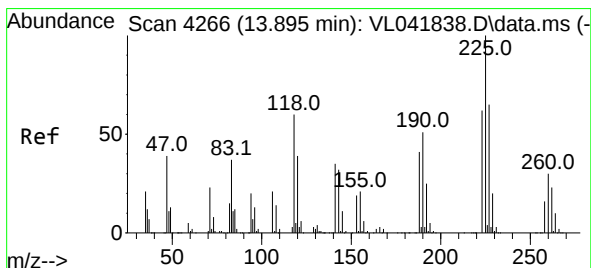
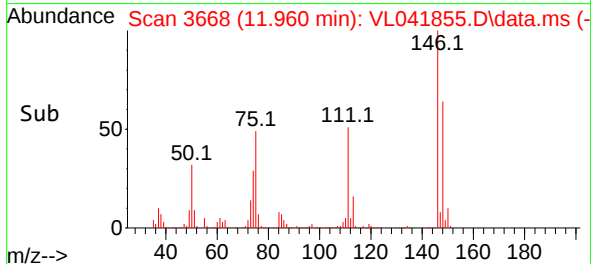
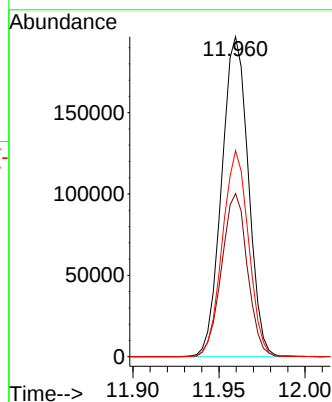
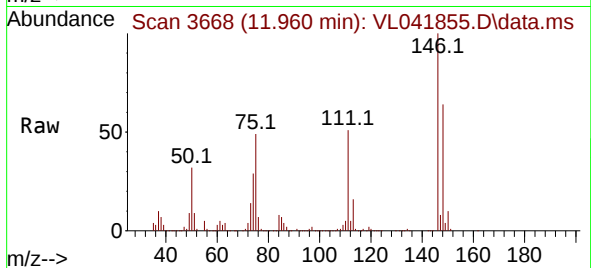




#77
1,2-Dichlorobenzene
Concen: 10.231 ppbv
RT: 11.960 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

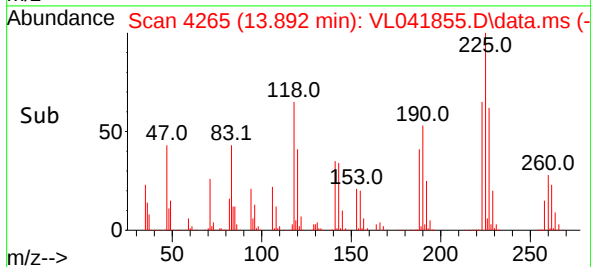
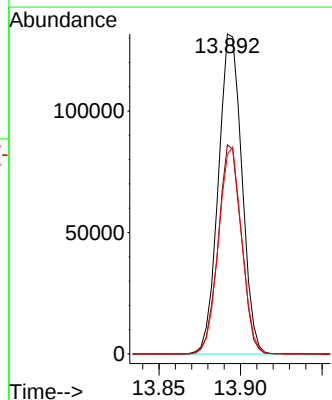
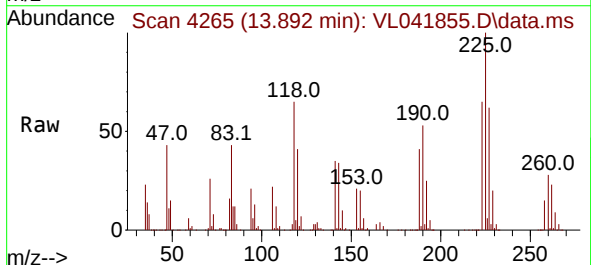
Instrument :
MSVOA_L
ClientSampleId :

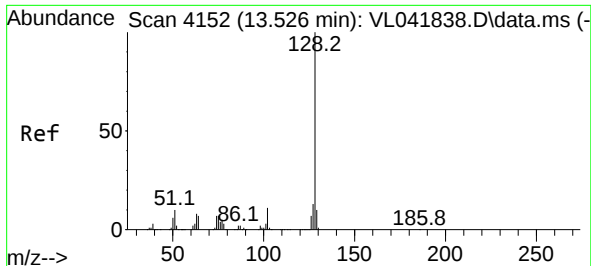
Tgt Ion:146 Resp: 211771
Ion Ratio Lower Upper
146 100
111 49.6 24.7 74.1
148 63.4 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 8.988 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion:225 Resp: 132080
Ion Ratio Lower Upper
225 100
223 64.3 50.4 75.6
227 63.9 51.2 76.8

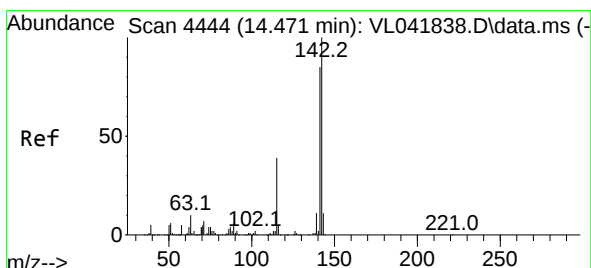
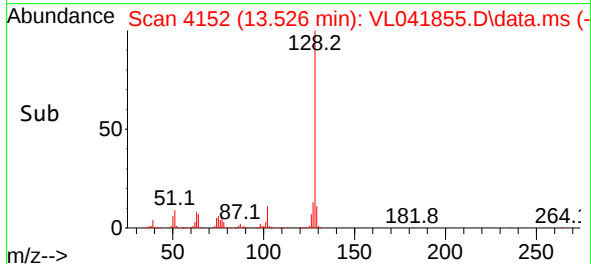
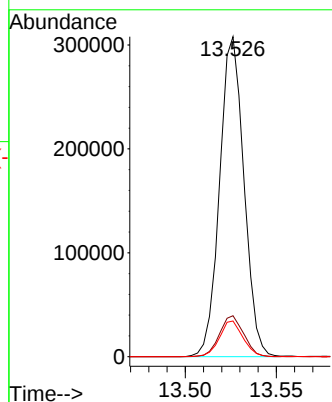
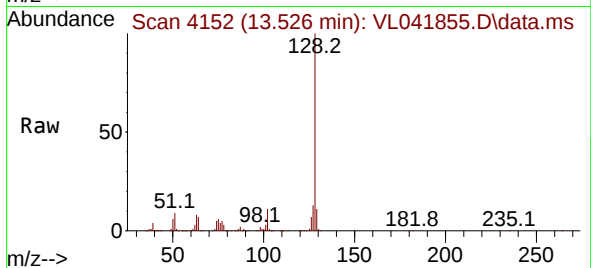




#79
Naphthalene
Concen: 13.075 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

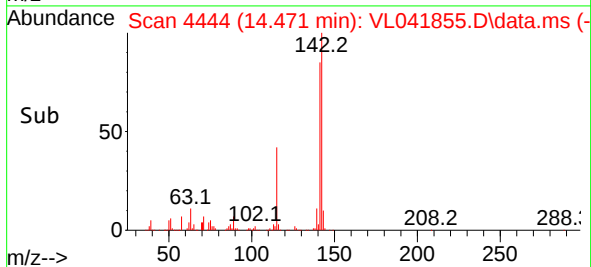
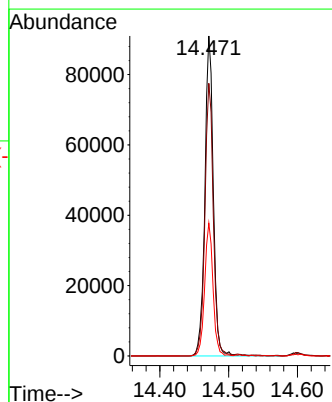
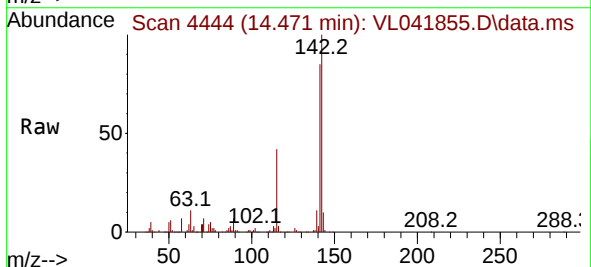
Instrument :
MSVOA_L
ClientSampleId :

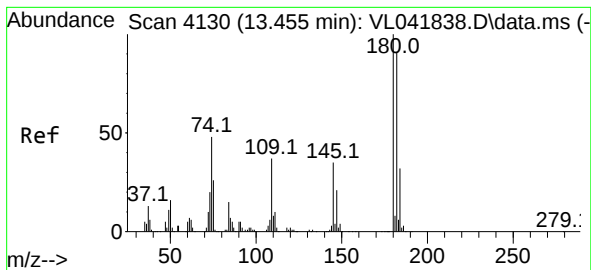
Tgt Ion:128 Resp: 285850
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.2 8.2 12.4



#80
Naphthalene,2-methyl-
Concen: 9.594 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

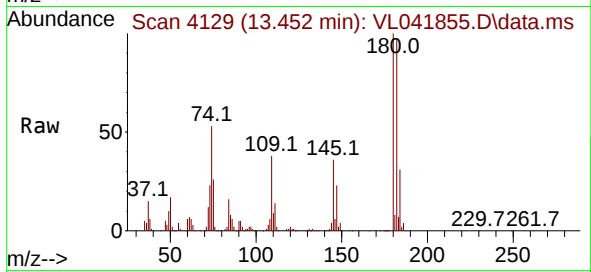
Tgt Ion:142 Resp: 77638
Ion Ratio Lower Upper
142 100
141 86.2 67.8 101.8
115 41.6 32.6 48.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.626 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	128757
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.9	113.9
184	30.6	24.8	37.2

