

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042697.D
 Acq On : 02 Jul 2025 13:08
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL070225

Quant Time: Jul 03 01:52:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:48:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	123303	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	310329	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	276453	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	216163	10.166	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	116554	9.029	ppbv	99
3) Chlorodifluoromethane	1.479	51	174306	9.031	ppbv	100
4) Chloromethane	1.538	50	43699	8.631	ppbv	100
5) Vinyl Chloride	1.586	62	40398	7.938	ppbv	99
6) Bromomethane	1.674	94	19910	8.758	ppbv	97
7) Chloroethane	1.709	64	15991	8.184	ppbv	91
8) Dichlorotetrafluoroethane	1.560	85	93055	8.701	ppbv	99
9) Propene	1.486	41	65538	9.074	ppbv	100
10) Heptane	4.998	43	205783	10.492	ppbv	99
11) Trichlorofluoromethane	1.884	101	123146	9.048	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	96871	8.992	ppbv	99
13) Ethanol	1.725	45	5367	7.701	ppbv	97
14) Bromoethene	1.787	108	33744	8.987	ppbv	99
15) Acetone	1.842	43	96454	7.887	ppbv	99
16) 1,3-Butadiene	1.612	39	48098	8.535	ppbv	100
17) tert-Butyl alcohol	2.046	59	111736	9.366	ppbv	100
18) 1,1-Dichloroethene	2.039	96	41593	8.690	ppbv	89
19) Isopropyl Alcohol	1.891	45	62969	8.958	ppbv #	1
20) Methylene Chloride	2.069	84	36270	7.756	ppbv	94
21) Allyl Chloride	2.101	41	80005	9.379	ppbv	98
22) trans-1,2-Dichloroethene	2.350	96	47456	9.102	ppbv	91
23) Vinyl Acetate	2.470	43	223198	11.278	ppbv	98
24) 1,1-Dichloroethane	2.415	63	93881	8.712	ppbv	99
25) Ethyl Acetate	2.842	43	357668	9.669	ppbv	100
26) Hexane	2.836	57	153642	9.955	ppbv	98
27) Carbon Disulfide	2.156	76	112533	8.941	ppbv	100
28) Methyl tert-Butyl Ether	2.450	73	63610	10.073	ppbv	97
29) Chloroform	2.858	83	209878	9.003	ppbv	100
30) Cyclohexane	3.871	84	119433	10.263	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	140575	9.570	ppbv	92
32) 1,1,1-Trichloroethane	3.383	97	194566	8.699	ppbv	99
34) 2-Butanone	2.564	43	231069	9.408	ppbv	99
35) Carbon Tetrachloride	3.774	117	190226	8.859	ppbv	100
36) Benzene	3.671	78	297230	9.503	ppbv	97
37) 1,2-Dichloroethane	3.231	62	149307	8.988	ppbv	100
38) Trichloroethene	4.564	130	117341	8.684	ppbv	92
39) 1,2-Dichloropropane	4.328	63	111969	9.179	ppbv	96
40) 1,4-Dioxane	4.600	88	49078	10.383	ppbv #	98
41) Tetrahydrofuran	3.062	42	128395	10.258	ppbv	98
42) Bromodichloromethane	4.503	83	219302	9.321	ppbv	92
43) Methyl Methacrylate	4.901	69	108319	10.769	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	531839	10.122	ppbv	100
45) t-1,3-Dichloropropene	6.438	75	109312	10.353	ppbv	97

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Quant Time: Jul 03 01:52:34 2025
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:48:28 2025
 Response via : Initial Calibration

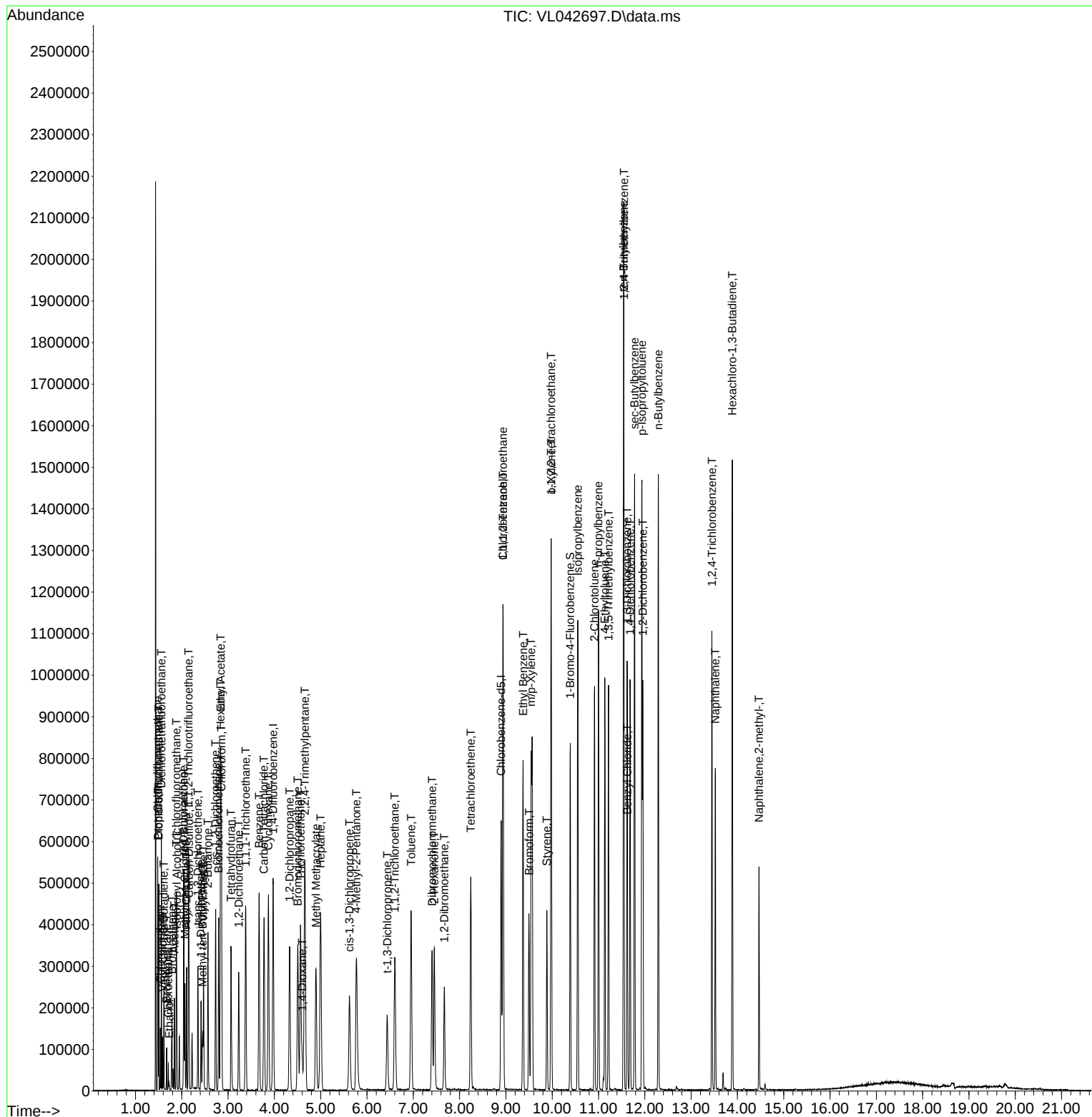
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	146557	10.060	ppbv	99
47) 1,1,2-Trichloroethane	6.600	97	115019	9.574	ppbv	96
48) Dibromochloromethane	7.406	129	171297	9.311	ppbv	98
49) Bromoform	9.500	173	149108	9.384	ppbv	98
50) 4-Methyl-2-Pentanone	5.771	43	300056	10.433	ppbv	99
51) 2-Hexanone	7.451	43	236851	11.319	ppbv	98
52) Tetrachloroethene	8.241	164	96485	9.229	ppbv	98
53) Toluene	6.953	91	319495	10.940	ppbv	99
54) 1,2-Dibromoethane	7.671	107	159700	9.536	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.937	131	132435	8.859	ppbv	98
57) Chlorobenzene	8.937	112	247805	8.935	ppbv	98
58) Ethyl Benzene	9.370	91	433115	10.833	ppbv	97
59) m/p-Xylene	9.545	91	357642	10.680	ppbv #	30
60) o-Xylene	9.979	91	349746	10.617	ppbv	98
61) Styrene	9.885	104	145395	11.235	ppbv	99
62) Isopropylbenzene	10.552	105	507890	10.215	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	230175	9.073	ppbv	98
64) n-propylbenzene	10.998	120	134923	10.599	ppbv	99
65) tert-Butylbenzene	11.542	119	438705	10.308	ppbv	100
66) Benzyl Chloride	11.626	91	42290	10.256	ppbv	99
67) sec-Butylbenzene	11.778	105	643534	9.871	ppbv	100
69) p-Isopropyltoluene	11.937	119	525986	10.137	ppbv	100
70) n-Butylbenzene	12.290	91	546708	10.458	ppbv	100
71) 2-Chlorotoluene	10.914	91	385485	10.480	ppbv	99
72) 4-Ethyltoluene	11.134	105	432340	10.756	ppbv	100
73) 1,3,5-Trimethylbenzene	11.215	105	360290	10.631	ppbv	100
74) 1,2,4-Trimethylbenzene	11.549	105	389736	10.081	ppbv	95
75) 1,3-Dichlorobenzene	11.620	146	249086	9.183	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	243912	9.475	ppbv	100
77) 1,2-Dichlorobenzene	11.956	146	238854	8.718	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	164880	7.726	ppbv	100
79) Naphthalene	13.523	128	362200	11.225	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	141019	10.522	ppbv	99
81) 1,2,4-Trichlorobenzene	13.449	180	184782	9.827	ppbv	99

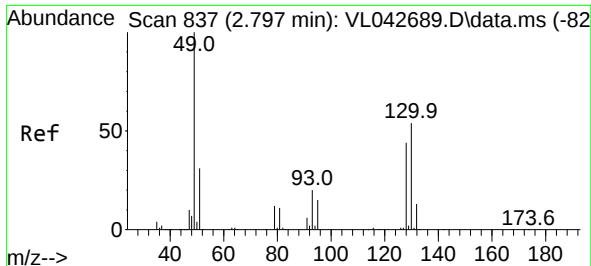
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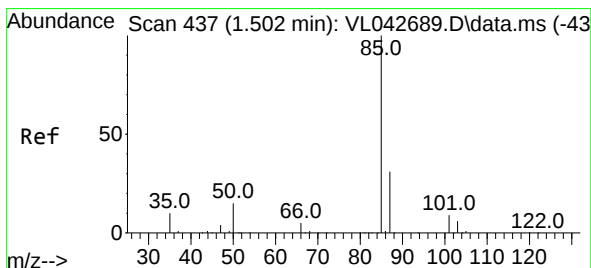
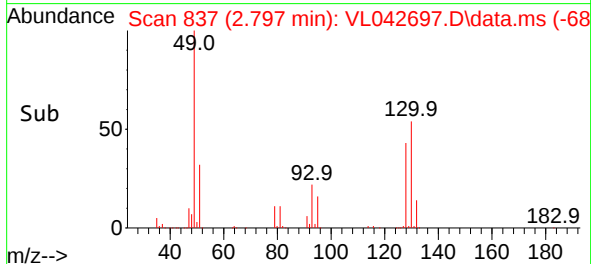
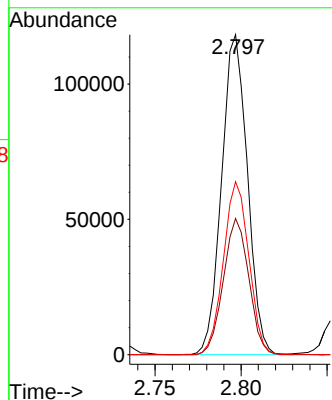
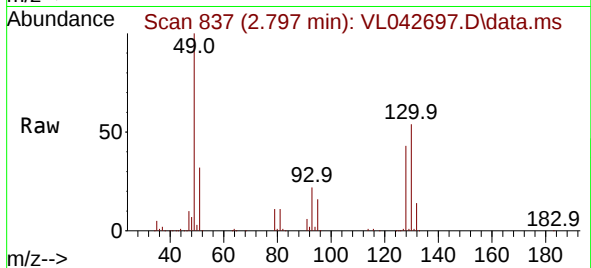




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

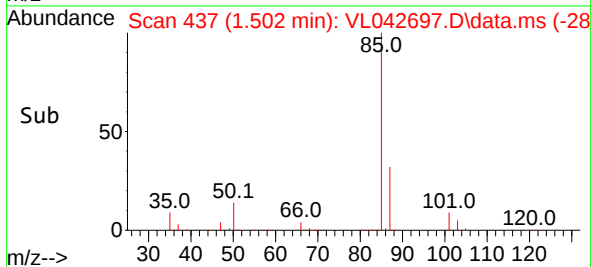
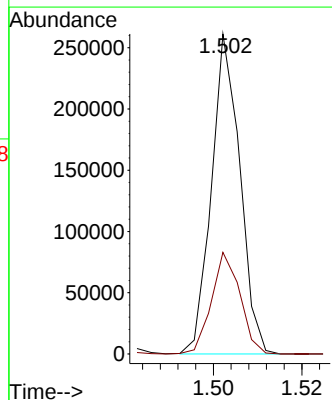
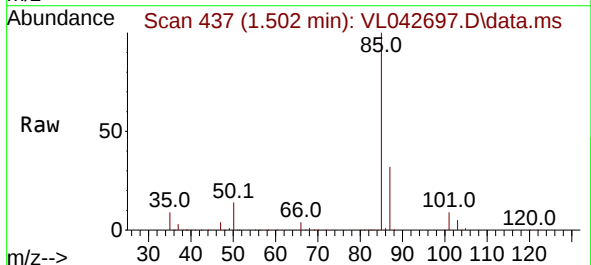
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

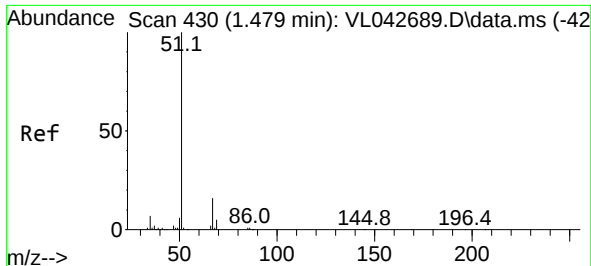
Tgt Ion: 49 Resp: 123303
Ion Ratio Lower Upper
49 100
128 42.0 21.4 64.2
130 53.2 28.0 84.0



#2
Dichlorodifluoromethane
Concen: 9.029 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 85 Resp: 116554
Ion Ratio Lower Upper
85 100
87 31.7 25.1 37.7

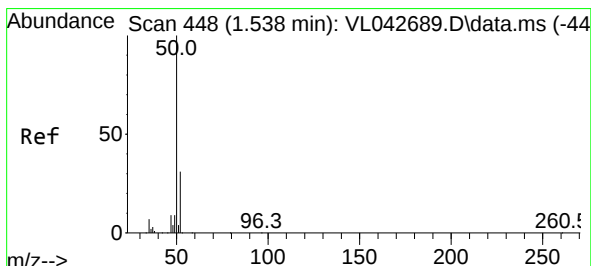
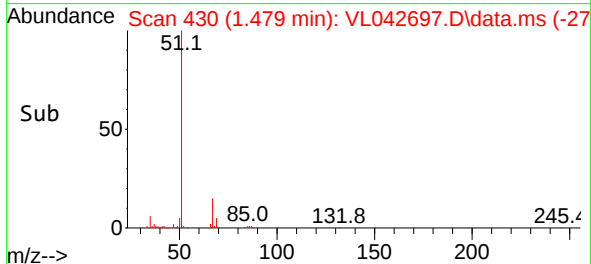
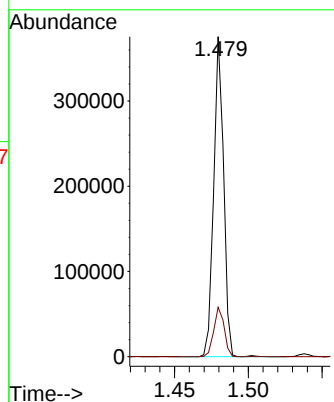
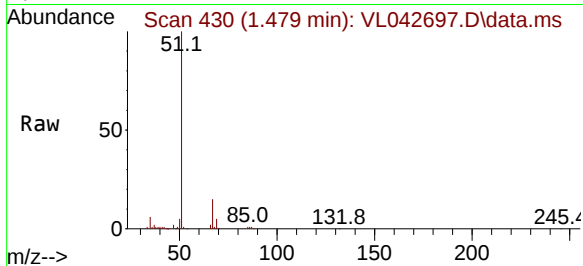




#3
Chlorodifluoromethane
Concen: 9.031 ppbv
RT: 1.479 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

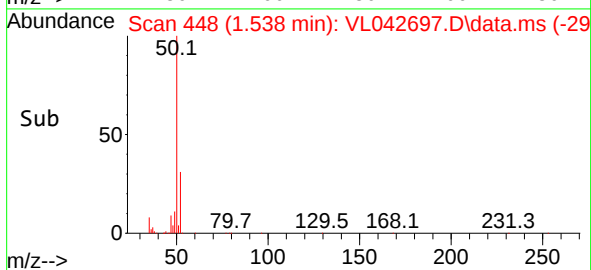
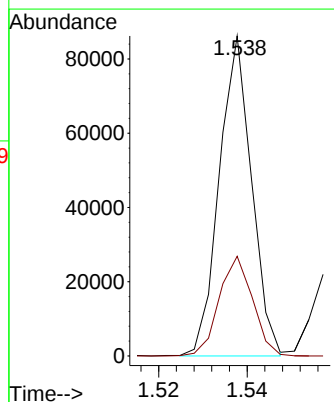
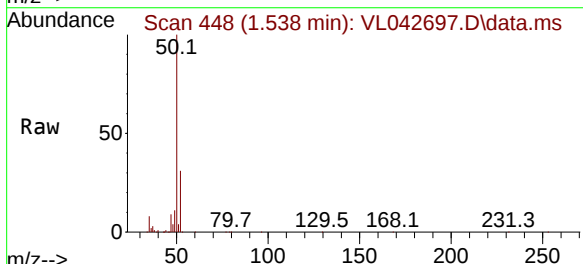
Instrument :
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ClientSampleId :
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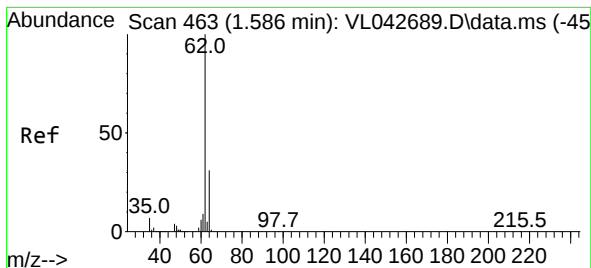
Tgt Ion: 51 Resp: 174306
Ion Ratio Lower Upper
51 100
67 16.2 13.1 19.7



#4
Chloromethane
Concen: 8.631 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 50 Resp: 43699
Ion Ratio Lower Upper
50 100
52 31.1 24.8 37.2





#5

Vinyl Chloride

Concen: 7.938 ppbv

RT: 1.586 min Scan# 4

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

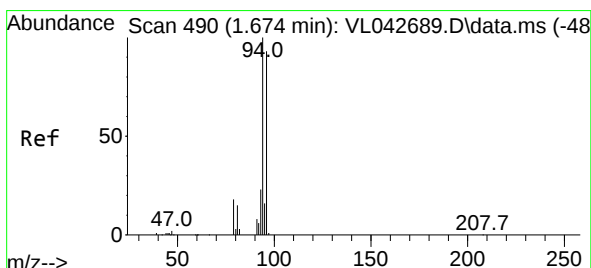
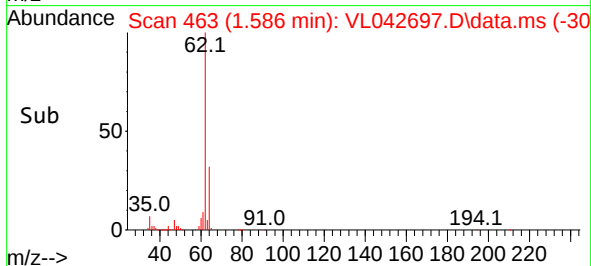
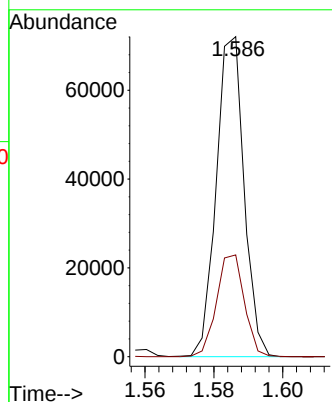
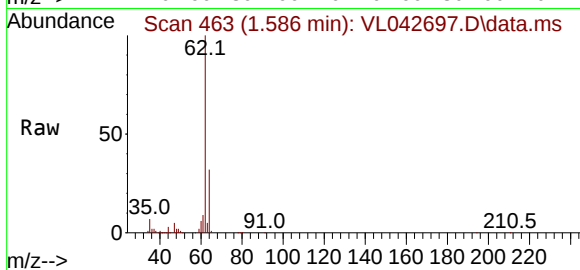
ICVVL070225

Tgt Ion: 62 Resp: 40398

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7



#6

Bromomethane

Concen: 8.758 ppbv

RT: 1.674 min Scan# 490

Delta R.T. 0.000 min

Lab File: VL042697.D

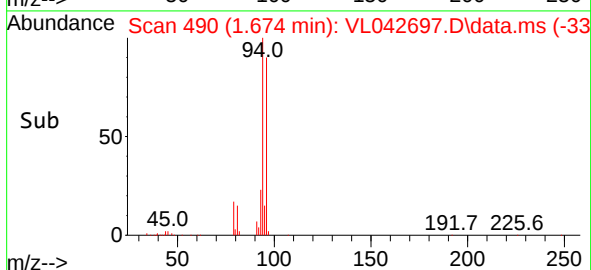
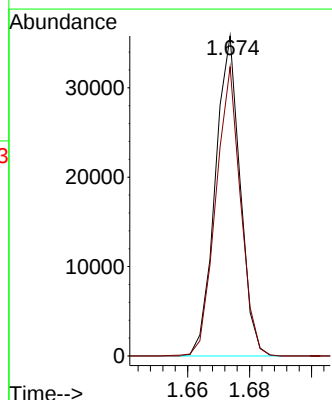
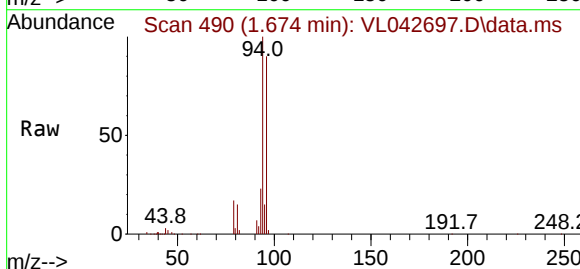
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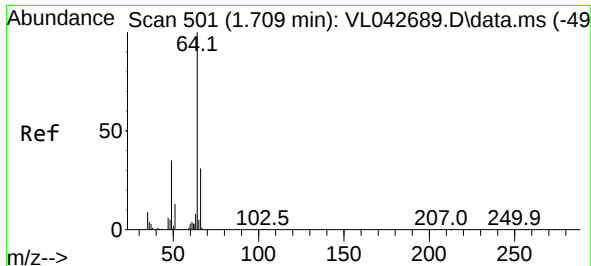
Tgt Ion: 94 Resp: 19910

Ion Ratio Lower Upper

94 100

96 90.4 74.6 112.0

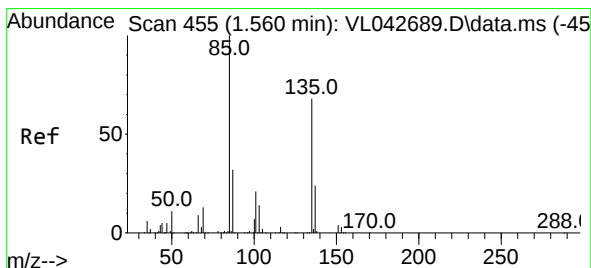
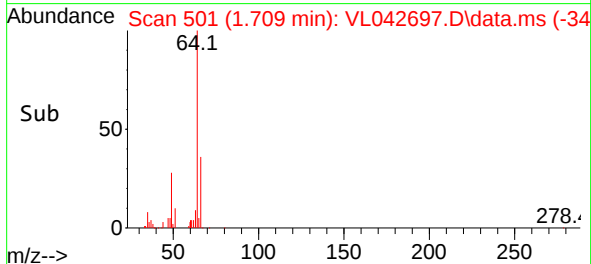
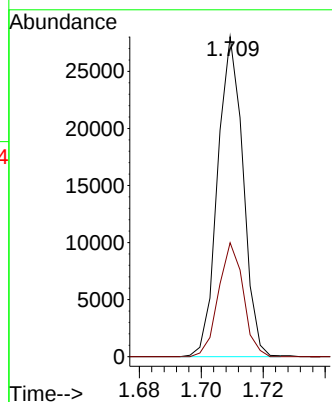
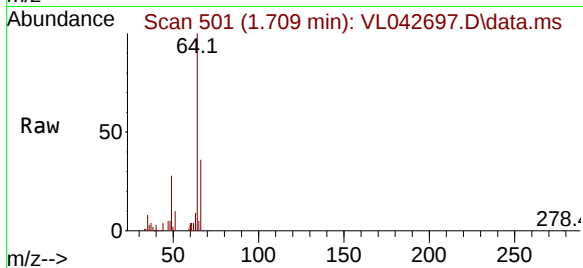




#7
Chloroethane
Concen: 8.184 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

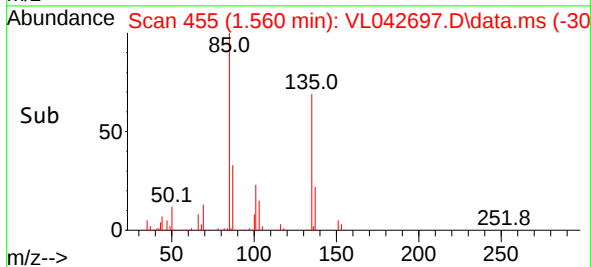
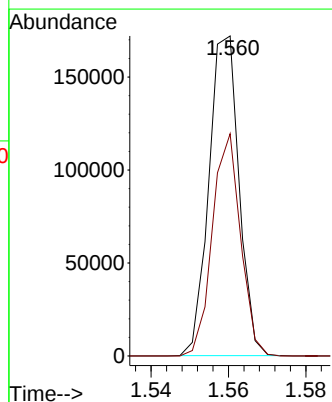
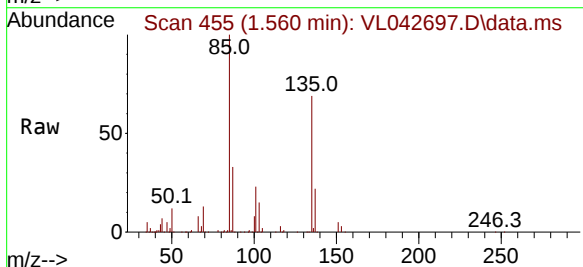
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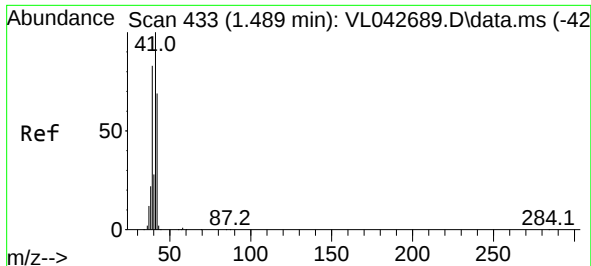
Tgt Ion: 64 Resp: 15991
Ion Ratio Lower Upper
64 100
66 35.6 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 8.701 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 85 Resp: 93055
Ion Ratio Lower Upper
85 100
135 64.9 52.6 79.0





#9

Propene

Concen: 9.074 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

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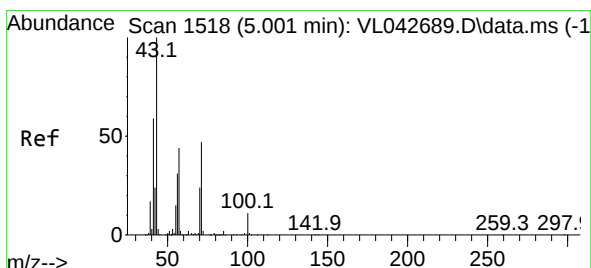
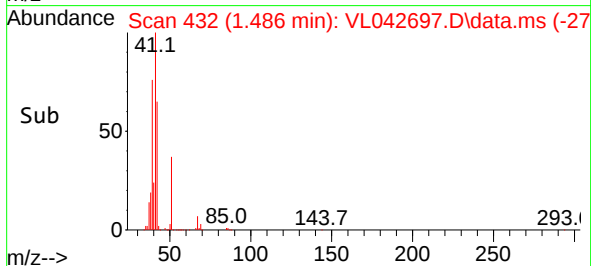
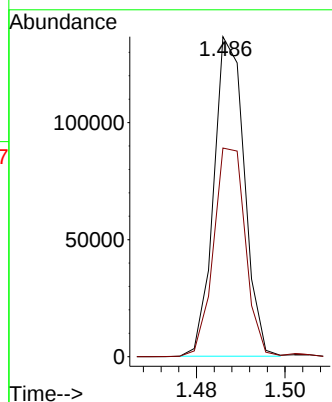
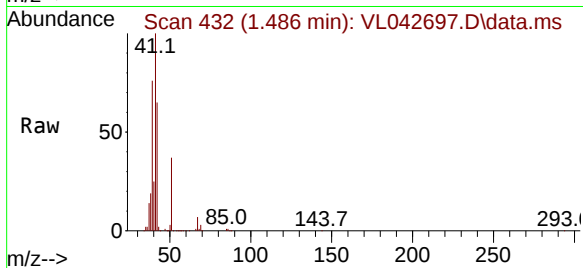
ICVVL070225

Tgt Ion: 41 Resp: 65538

Ion Ratio Lower Upper

41 100

42 69.1 55.6 83.4



#10

Heptane

Concen: 10.492 ppbv

RT: 4.998 min Scan# 1517

Delta R.T. -0.003 min

Lab File: VL042697.D

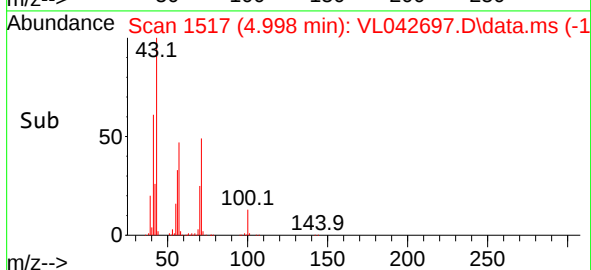
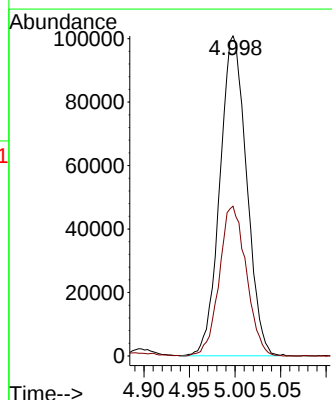
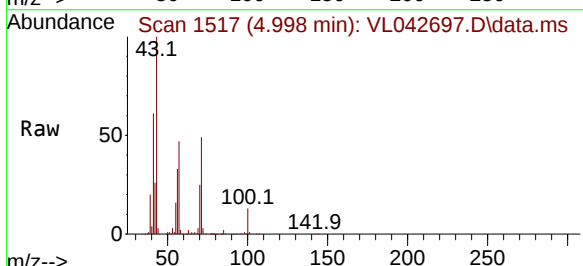
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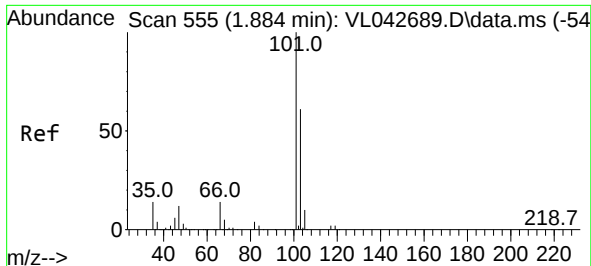
Tgt Ion: 43 Resp: 205783

Ion Ratio Lower Upper

43 100

57 47.2 37.4 56.0

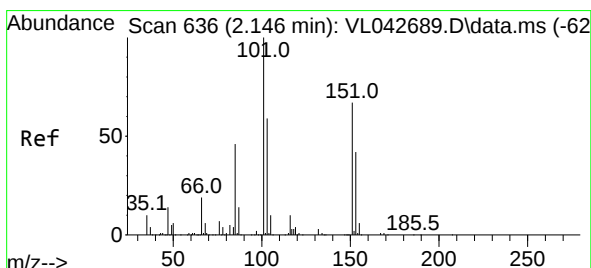
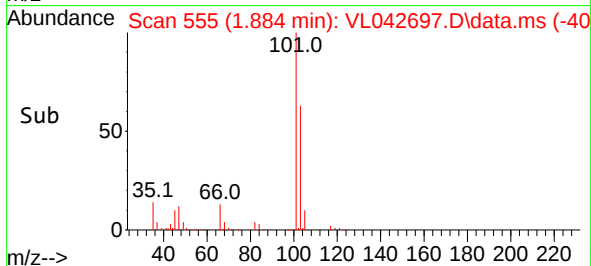
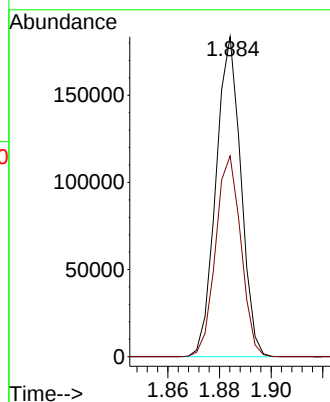
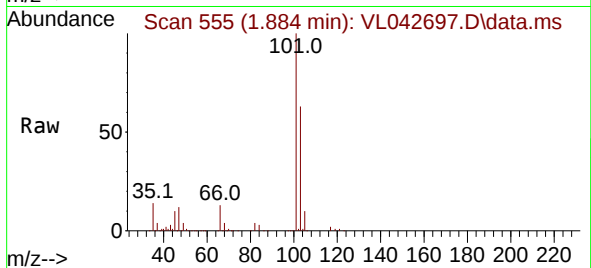




#11
Trichlorofluoromethane
Concen: 9.048 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

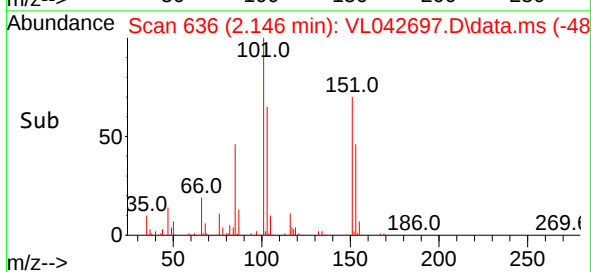
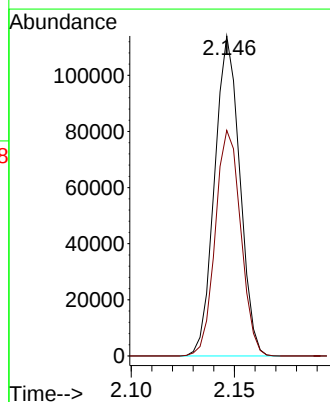
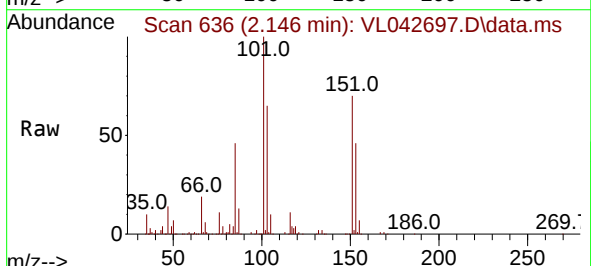
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

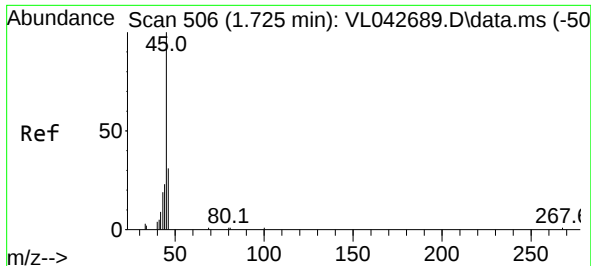
Tgt Ion:101 Resp: 123146
Ion Ratio Lower Upper
101 100
103 62.8 48.9 73.3



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.992 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion:101 Resp: 96871
Ion Ratio Lower Upper
101 100
151 71.2 56.6 84.8

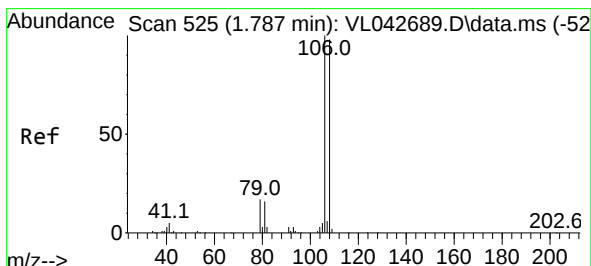
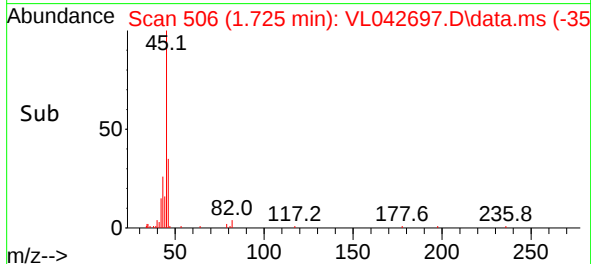
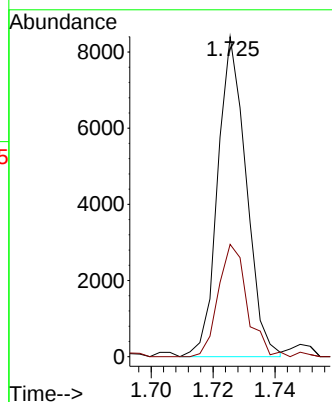
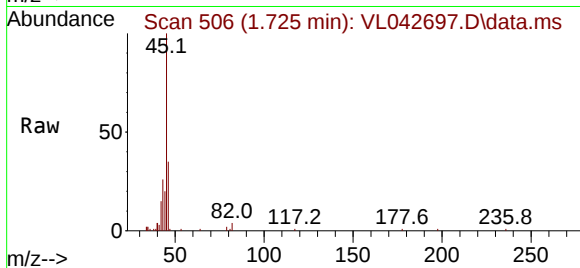




#13
Ethanol
Concen: 7.701 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

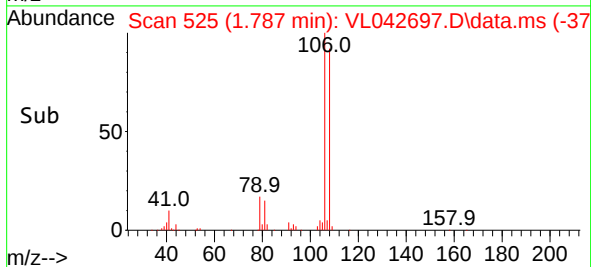
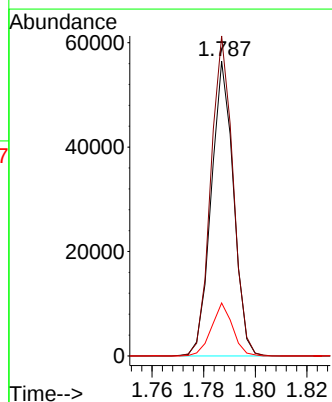
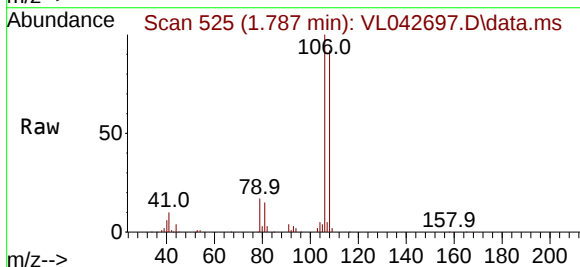
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

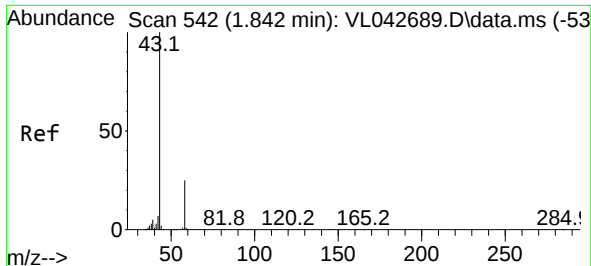
Tgt Ion: 45 Resp: 5367
Ion Ratio Lower Upper
45 100
46 35.9 15.2 60.8



#14
Bromoethene
Concen: 8.987 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 108 Resp: 33744
Ion Ratio Lower Upper
108 100
106 108.1 85.9 128.9
79 17.1 14.5 21.7

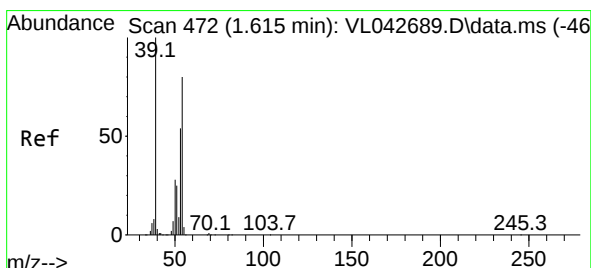
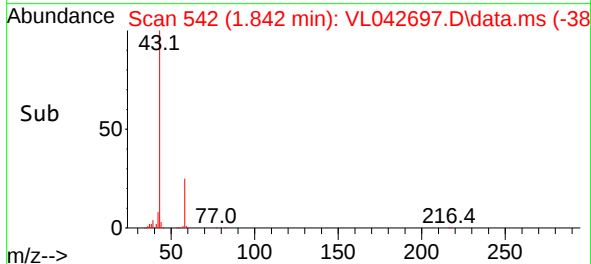
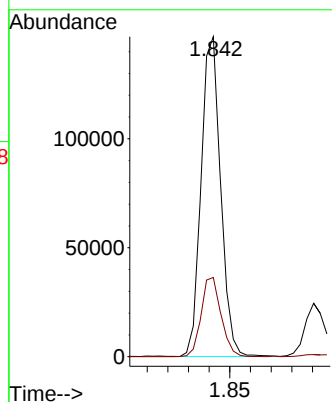
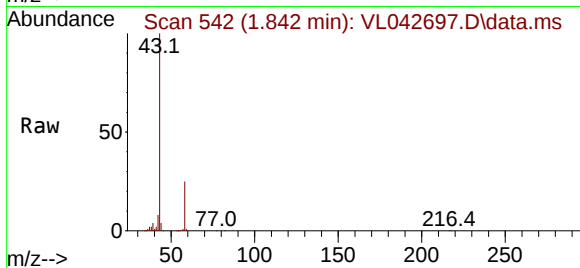




#15
Acetone
Concen: 7.887 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

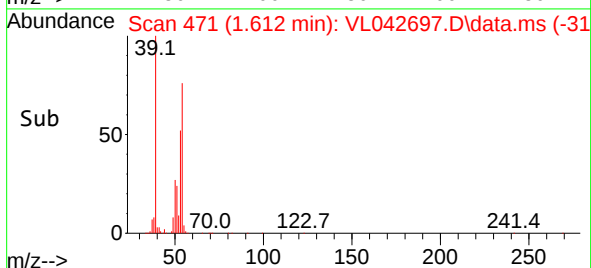
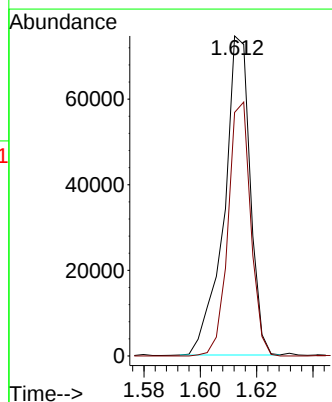
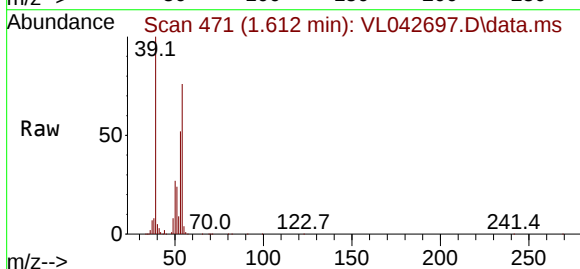
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

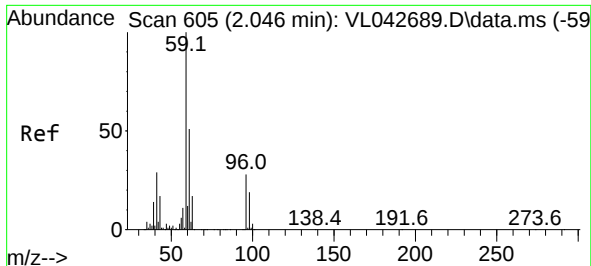
Tgt Ion: 43 Resp: 96454
Ion Ratio Lower Upper
43 100
58 25.3 20.6 31.0



#16
1,3-Butadiene
Concen: 8.535 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 39 Resp: 48098
Ion Ratio Lower Upper
39 100
54 68.9 54.9 82.3





#17

tert-Butyl alcohol

Concen: 9.366 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

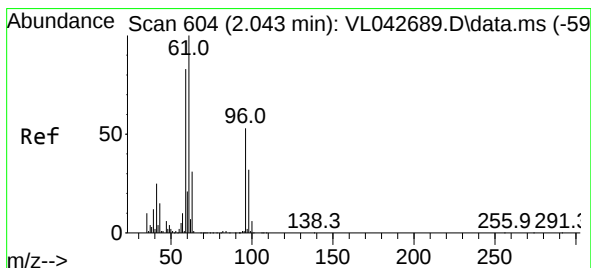
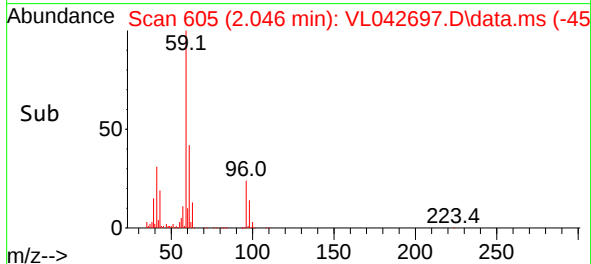
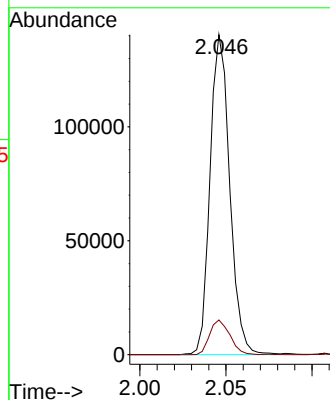
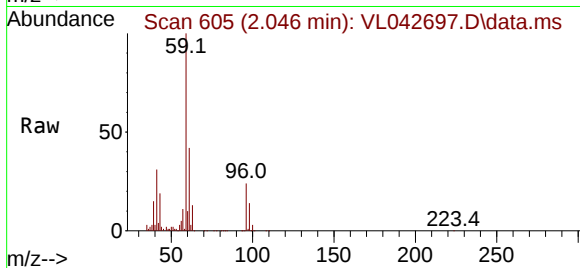
ICVVL070225

Tgt Ion: 59 Resp: 111736

Ion Ratio Lower Upper

59 100

57 11.2 8.8 13.2



#18

1,1-Dichloroethene

Concen: 8.690 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

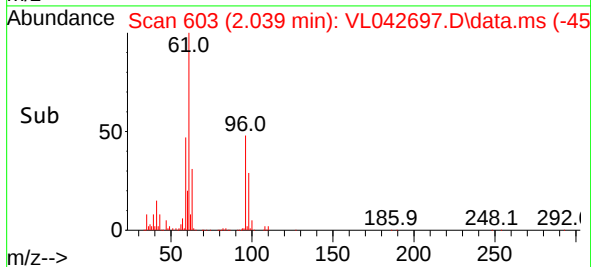
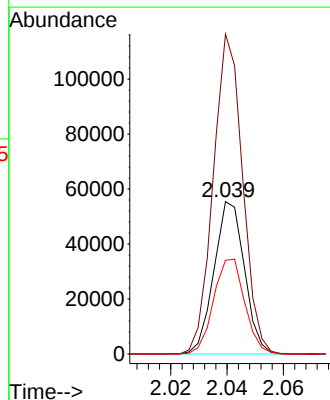
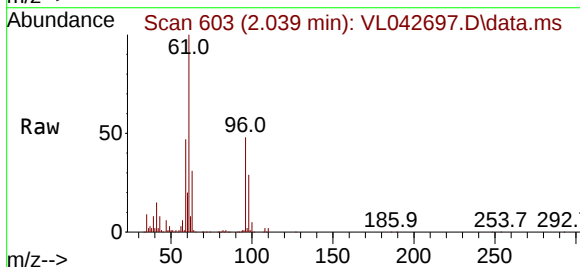
Tgt Ion: 96 Resp: 41593

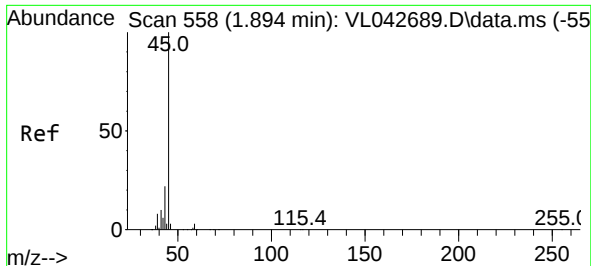
Ion Ratio Lower Upper

96 100

61 210.0 151.0 226.6

98 61.4 49.0 73.4

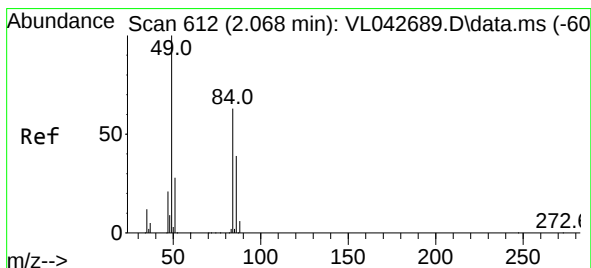
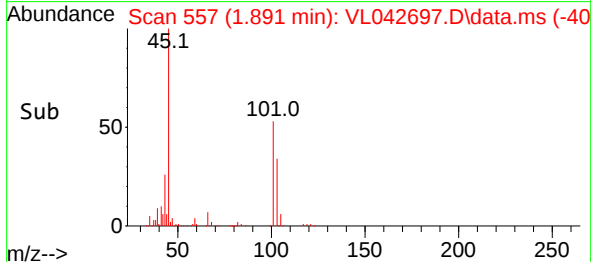
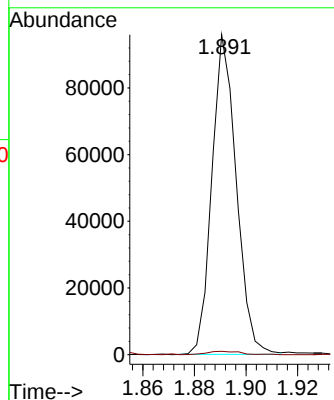
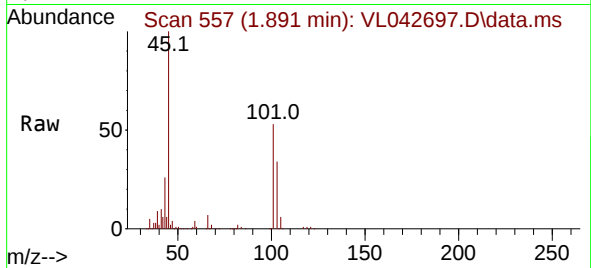




#19
Isopropyl Alcohol
Concen: 8.958 ppbv
RT: 1.891 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

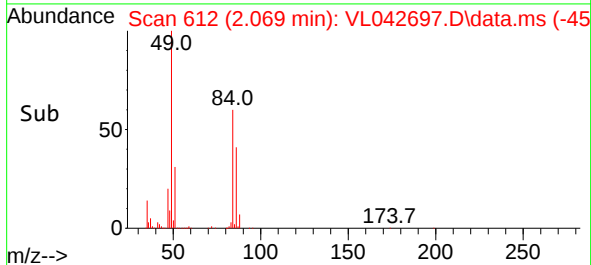
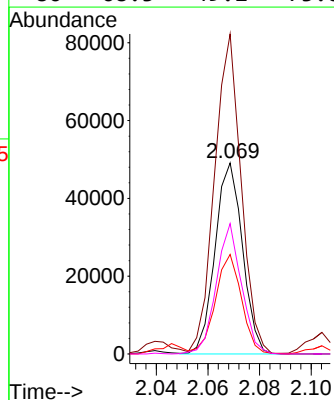
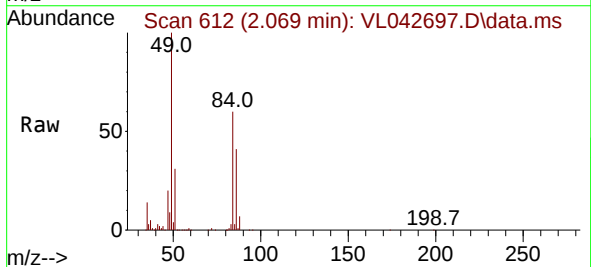
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

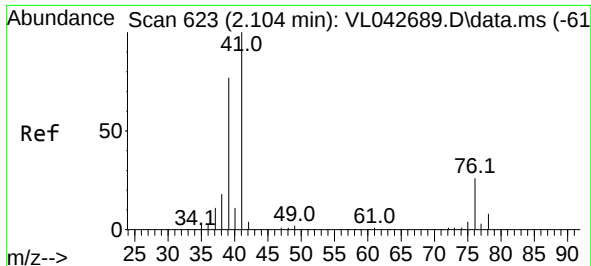
Tgt Ion: 45 Resp: 62969
Ion Ratio Lower Upper
45 100
58 38.6 1.4 2.2#



#20
Methylene Chloride
Concen: 7.756 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 84 Resp: 36270
Ion Ratio Lower Upper
84 100
49 167.2 128.6 193.0
51 51.8 37.4 56.2
86 68.3 49.2 73.8

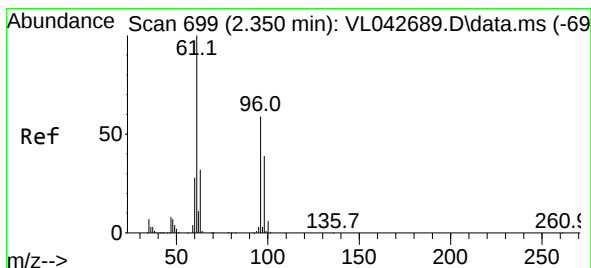
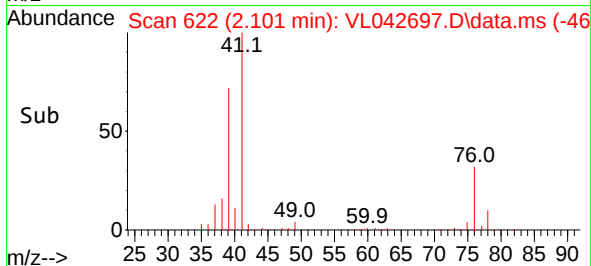
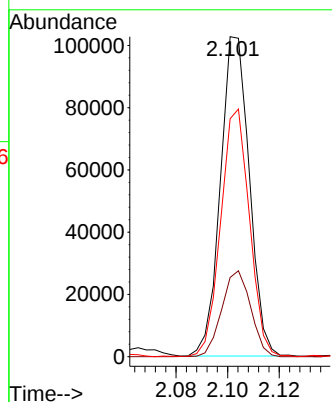
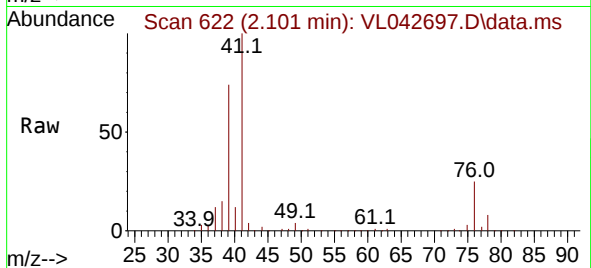




#21
 Allyl Chloride
 Concen: 9.379 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

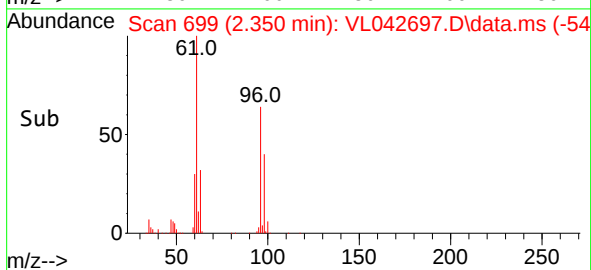
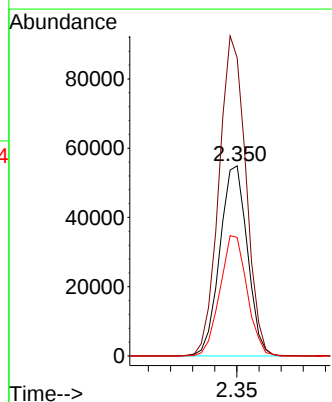
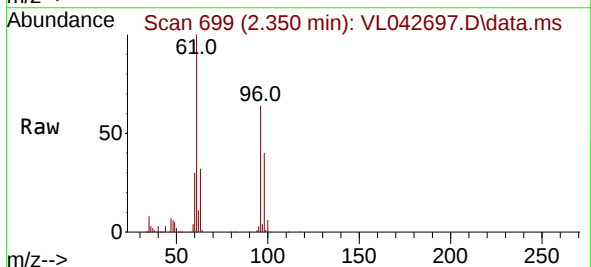
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225

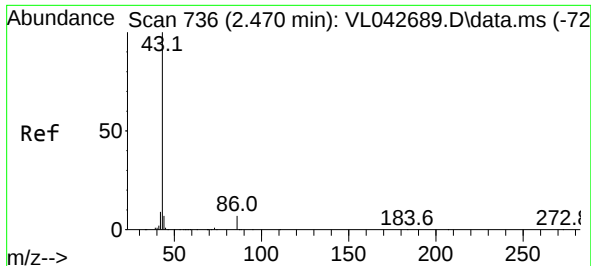
Tgt Ion: 41 Resp: 80005
 Ion Ratio Lower Upper
 41 100
 76 26.8 21.7 32.5
 39 76.8 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.102 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion: 96 Resp: 47456
 Ion Ratio Lower Upper
 96 100
 61 156.9 136.5 204.7
 98 62.3 53.5 80.3



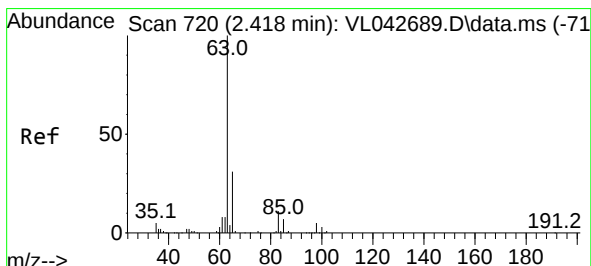
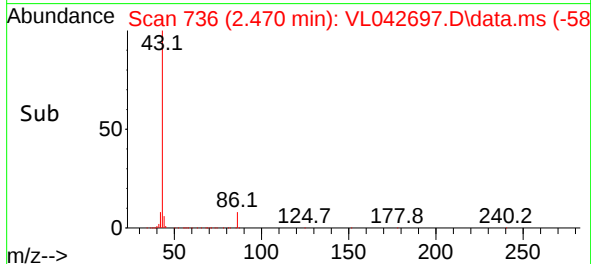
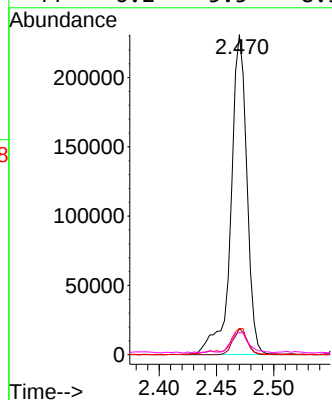
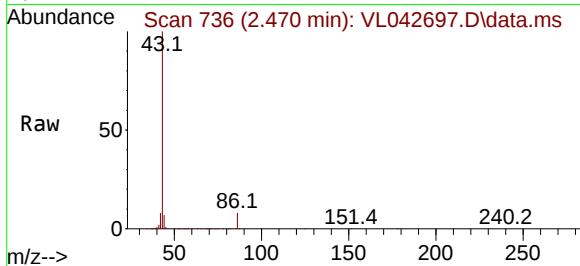


#23
 Vinyl Acetate
 Concen: 11.278 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225

Tgt Ion: 43 Resp: 223198

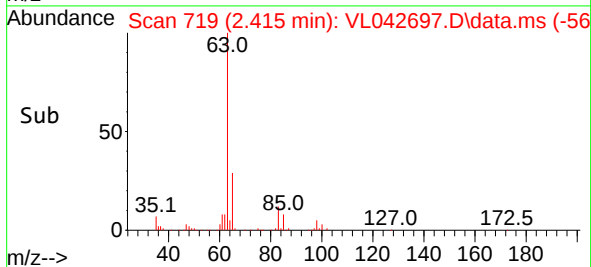
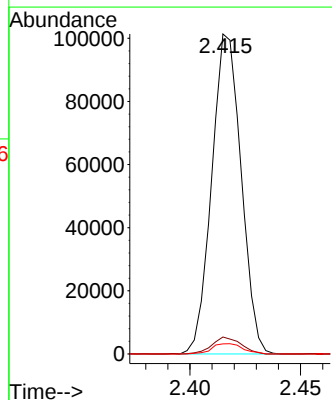
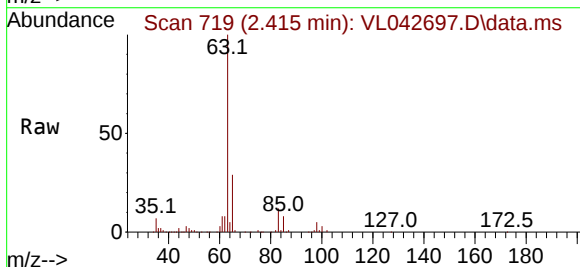
Ion	Ratio	Lower	Upper
43	100		
86	8.2	5.8	8.6
42	8.1	7.2	10.8
44	6.2	5.5	8.3

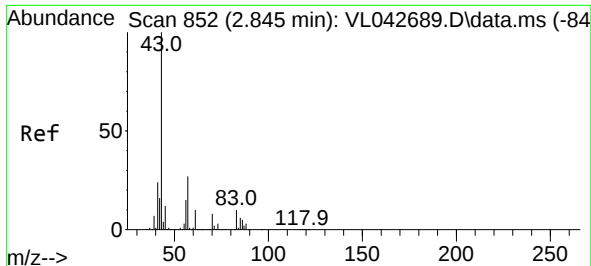


#24
 1,1-Dichloroethane
 Concen: 8.712 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion: 63 Resp: 93881

Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.5	7.6
100	3.2	1.7	5.0



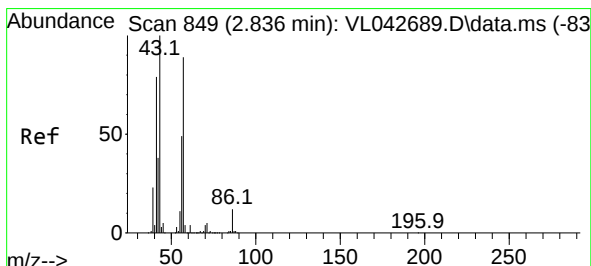
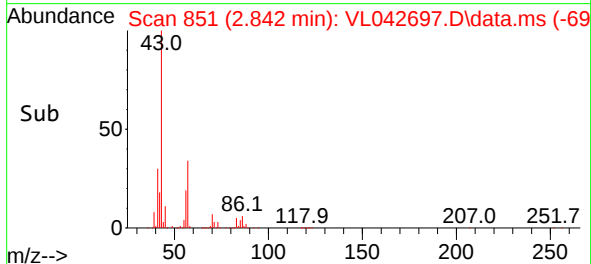
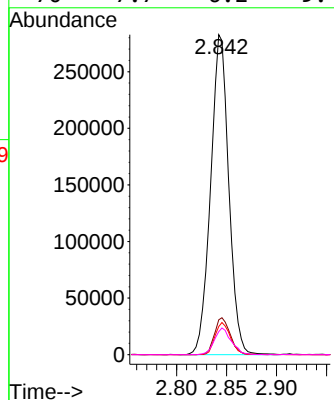
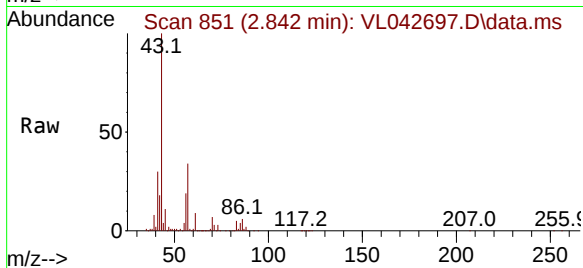


#25
Ethyl Acetate
Concen: 9.669 ppbv
RT: 2.842 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

Tgt Ion: 43 Resp: 357668

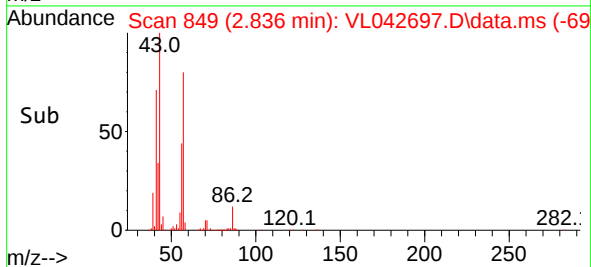
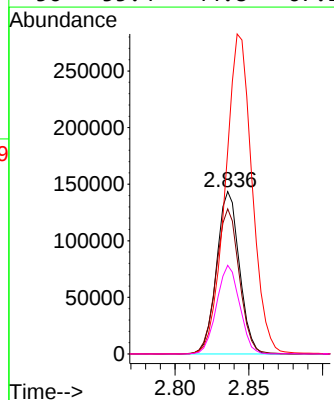
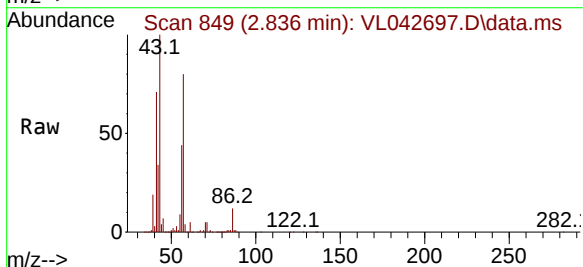
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	8.6	7.0	10.6
70	7.7	6.2	9.4

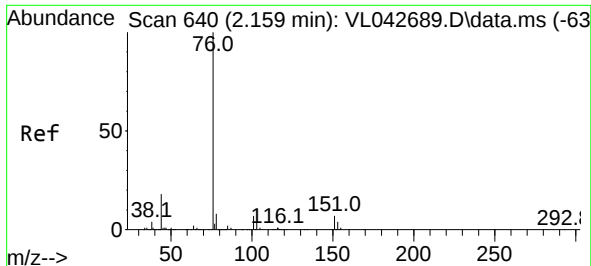


#26
Hexane
Concen: 9.955 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 57 Resp: 153642

Ion	Ratio	Lower	Upper
57	100		
41	92.0	73.7	110.5
43	233.3	190.6	285.8
56	55.4	44.8	67.2





#27

Carbon Disulfide

Concen: 8.941 ppbv

RT: 2.156 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

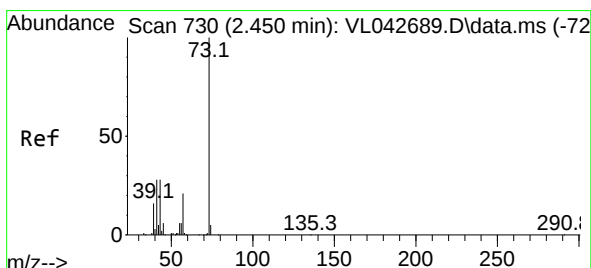
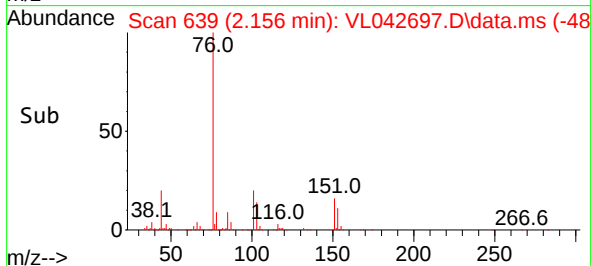
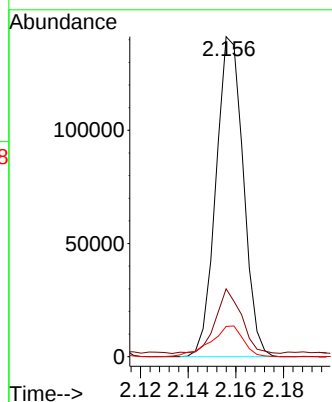
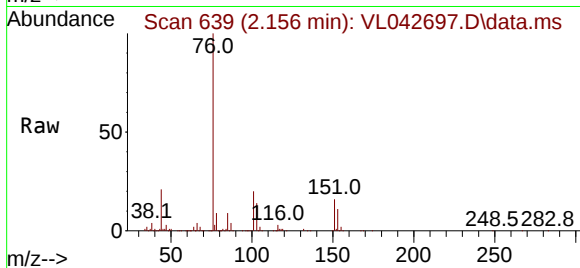
Tgt Ion: 76 Resp: 112533

Ion Ratio Lower Upper

76 100

44 19.8 15.6 23.4

78 11.5 9.2 13.8



#28

Methyl tert-Butyl Ether

Concen: 10.073 ppbv

RT: 2.450 min Scan# 730

Delta R.T. 0.000 min

Lab File: VL042697.D

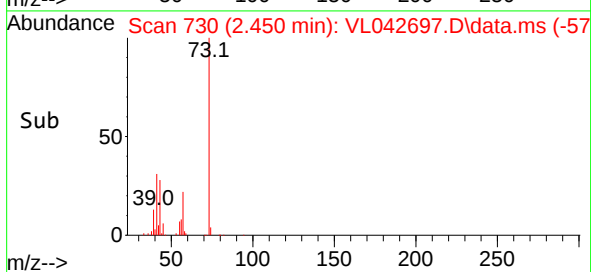
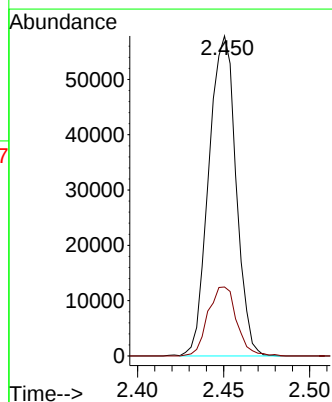
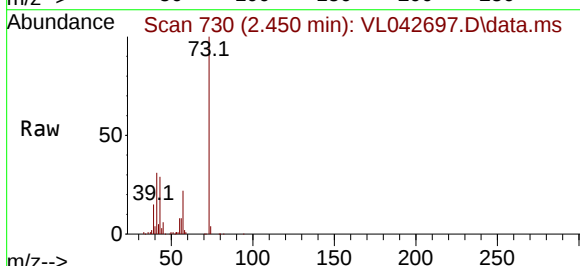
Acq: 02 Jul 2025 13:08

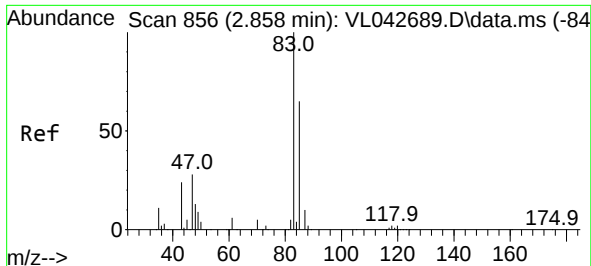
Tgt Ion: 73 Resp: 63610

Ion Ratio Lower Upper

73 100

57 22.7 19.3 28.9





#29

Chloroform

Concen: 9.003 ppbv

RT: 2.858 min Scan# 856

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

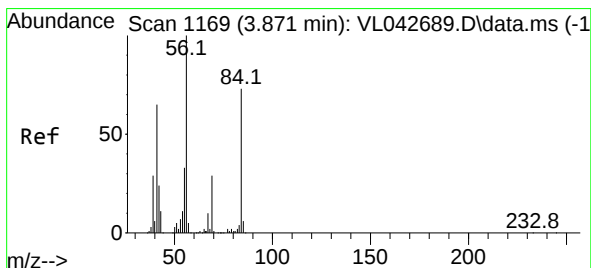
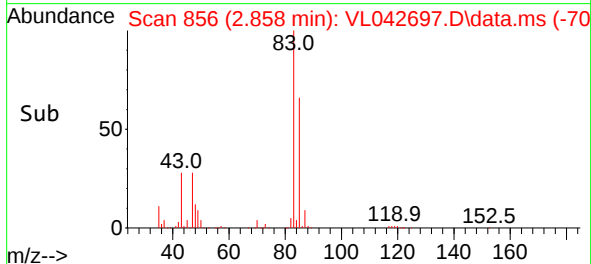
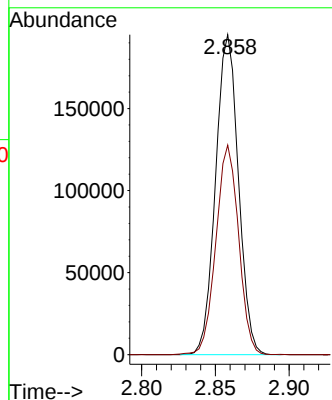
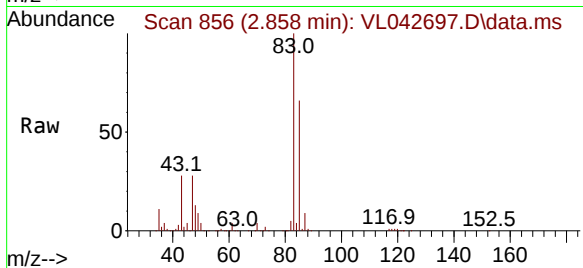
ICVVL070225

Tgt Ion: 83 Resp: 209878

Ion Ratio Lower Upper

83 100

85 65.4 52.4 78.6



#30

Cyclohexane

Concen: 10.263 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

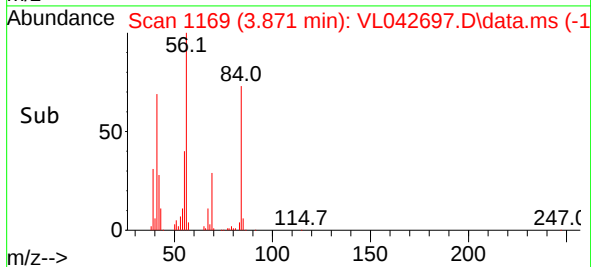
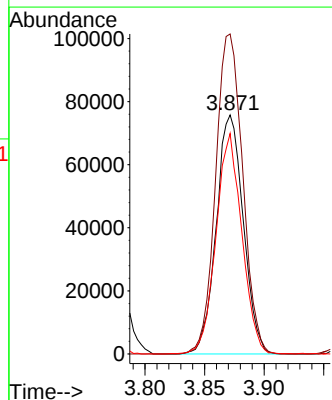
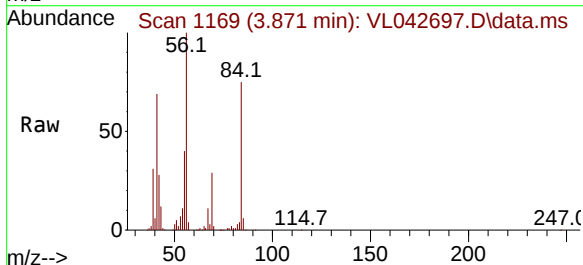
Tgt Ion: 84 Resp: 119433

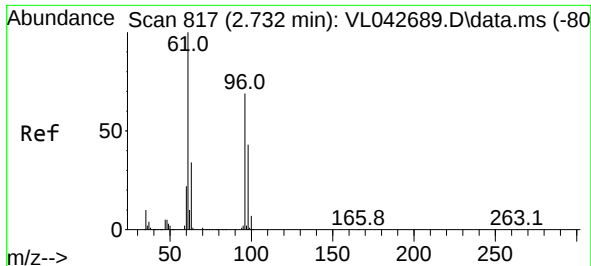
Ion Ratio Lower Upper

84 100

56 134.1 110.4 165.6

41 88.2 71.4 107.0

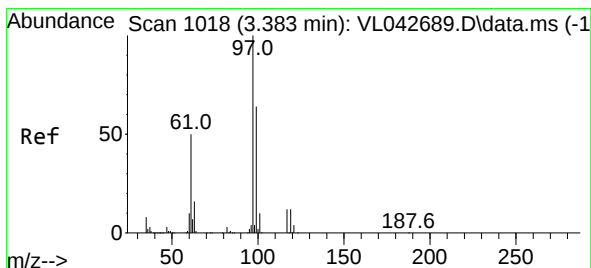
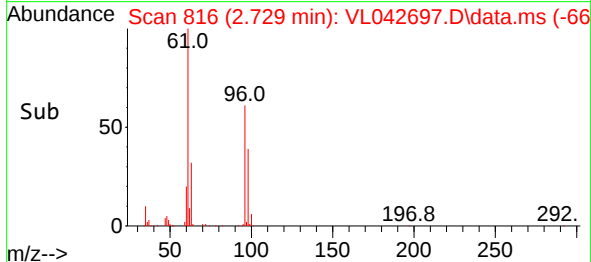
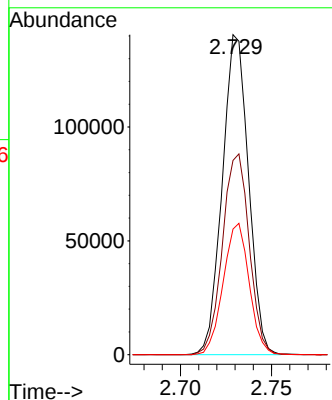
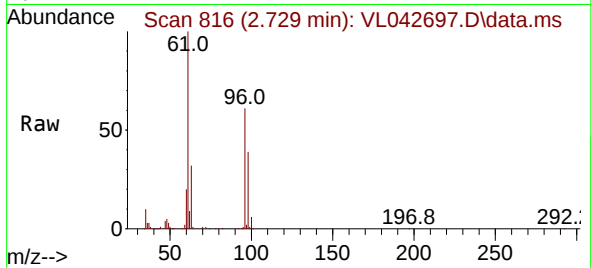




#31
 cis-1,2-Dichloroethene
 Concen: 9.570 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

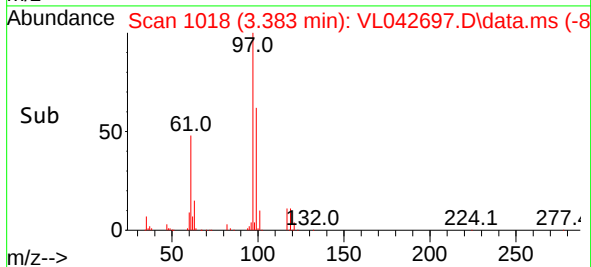
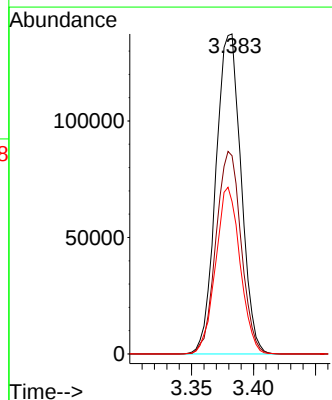
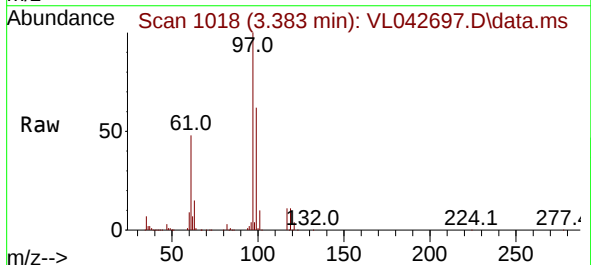
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225

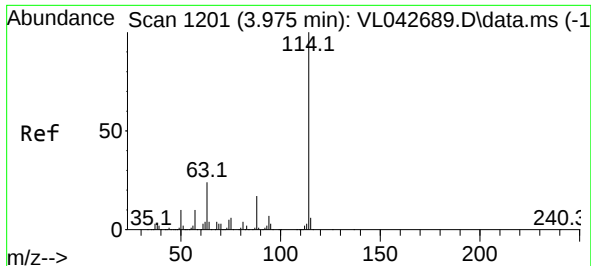
Tgt Ion: 61 Resp: 140575
 Ion Ratio Lower Upper
 61 100
 96 60.7 54.8 82.2
 98 39.3 34.7 52.1



#32
 1,1,1-Trichloroethane
 Concen: 8.699 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion: 97 Resp: 194566
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.4 77.0
 61 50.7 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

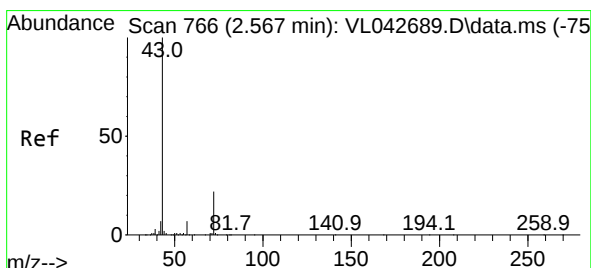
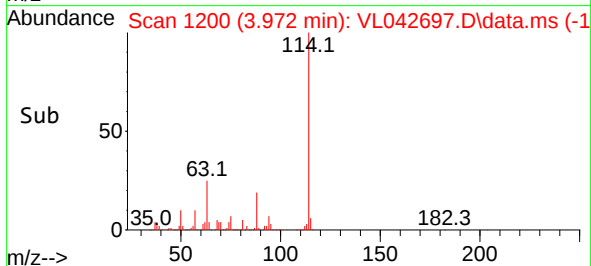
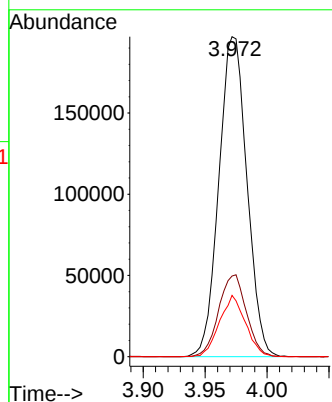
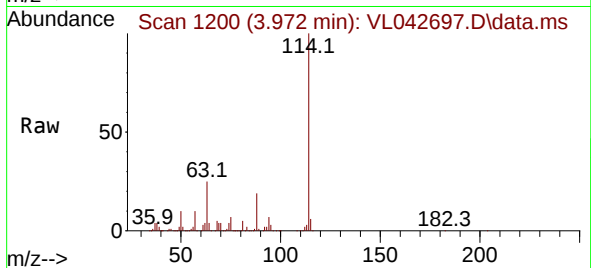
Tgt Ion:114 Resp: 310329

Ion Ratio Lower Upper

114 100

63 25.4 20.4 30.6

88 17.8 14.2 21.2



#34

2-Butanone

Concen: 9.408 ppbv

RT: 2.564 min Scan# 765

Delta R.T. -0.003 min

Lab File: VL042697.D

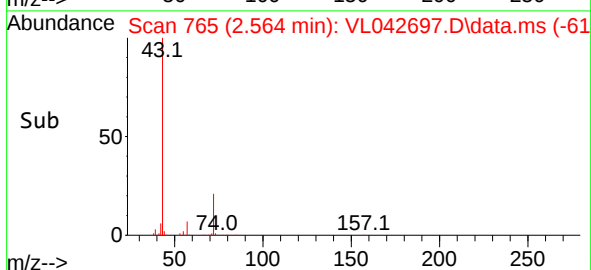
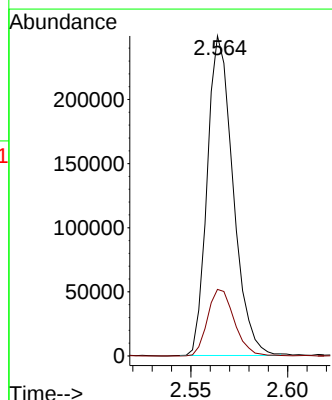
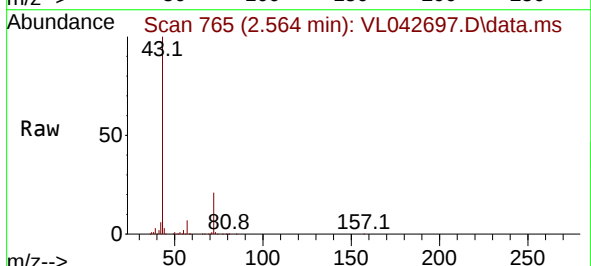
Acq: 02 Jul 2025 13:08

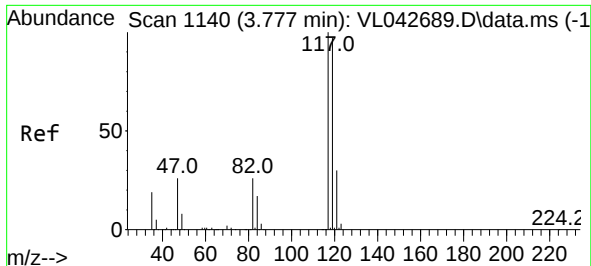
Tgt Ion: 43 Resp: 231069

Ion Ratio Lower Upper

43 100

72 21.7 17.1 25.7

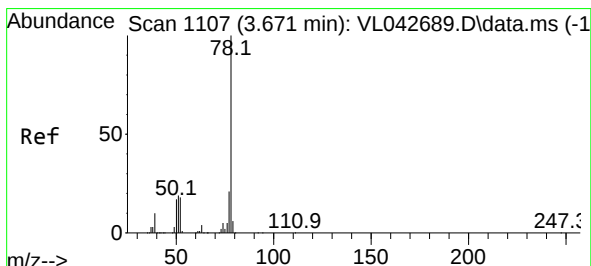
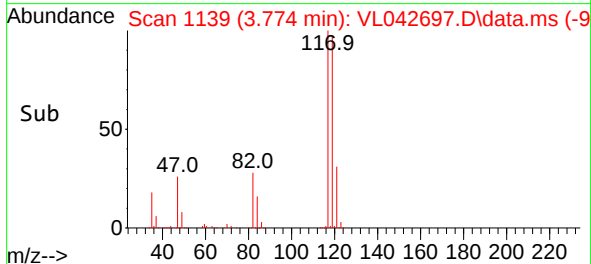
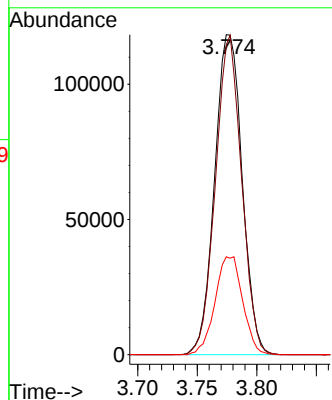
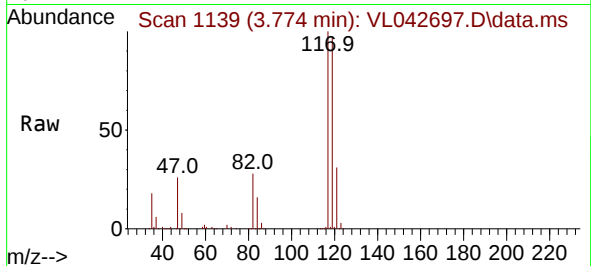




#35
Carbon Tetrachloride
Concen: 8.859 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

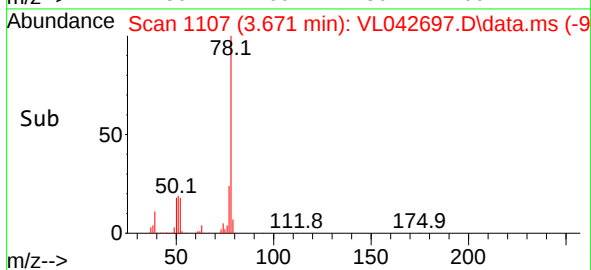
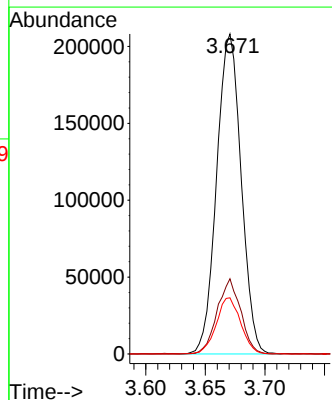
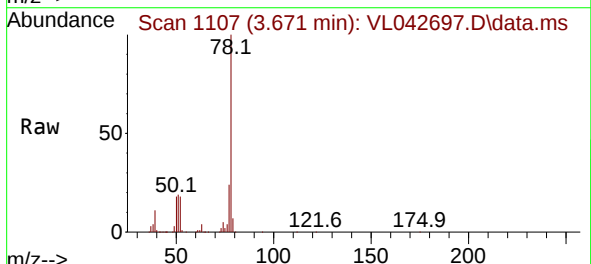
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

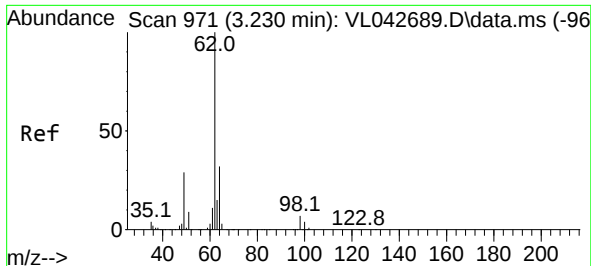
Tgt Ion:117 Resp: 190226
Ion Ratio Lower Upper
117 100
119 96.8 77.6 116.4
121 30.6 24.0 36.0



#36
Benzene
Concen: 9.503 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 78 Resp: 297230
Ion Ratio Lower Upper
78 100
77 23.5 17.0 25.4
50 17.5 13.7 20.5





#37

1,2-Dichloroethane

Concen: 8.988 ppbv

RT: 3.231 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

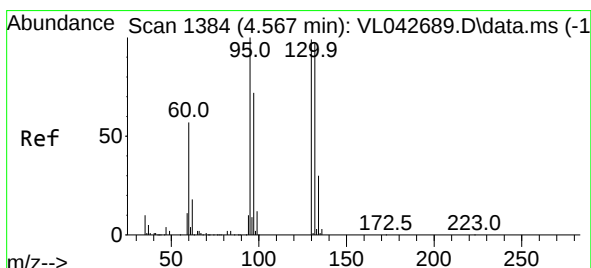
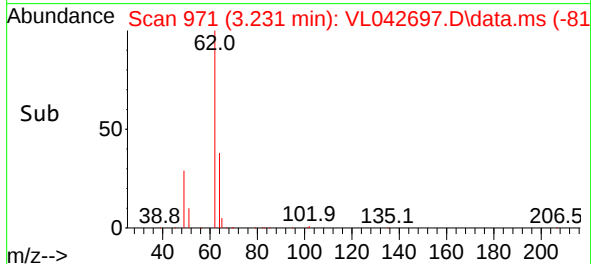
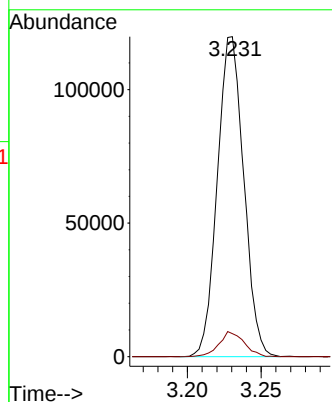
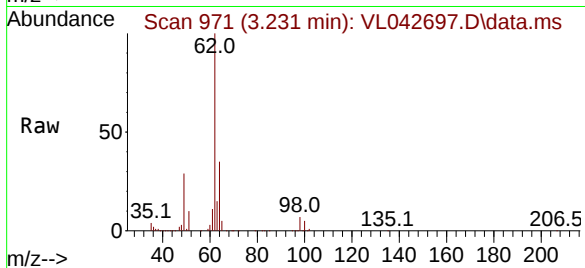
ICVVL070225

Tgt Ion: 62 Resp: 149307

Ion Ratio Lower Upper

62 100

98 7.4 5.8 8.8



#38

Trichloroethene

Concen: 8.684 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion:130 Resp: 117341

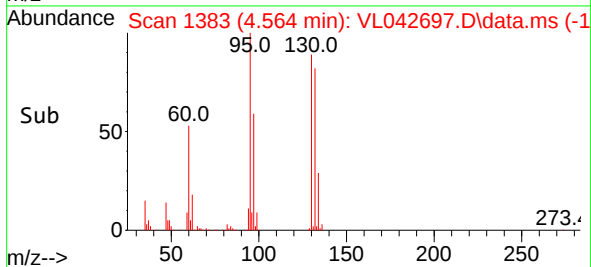
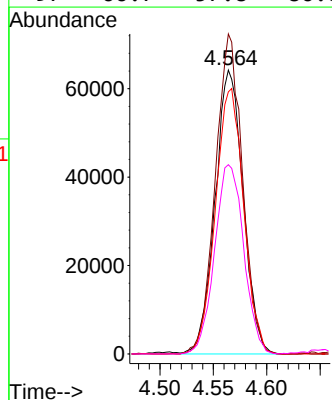
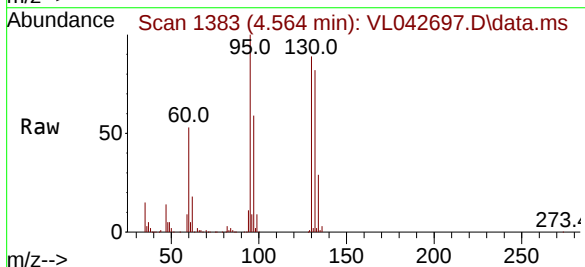
Ion Ratio Lower Upper

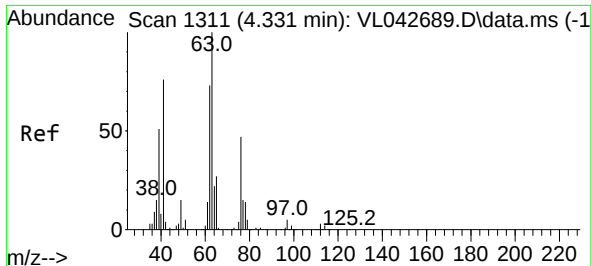
130 100

95 112.7 81.1 121.7

132 92.3 77.9 116.9

97 66.7 57.8 86.8





#39

1,2-Dichloropropane

Concen: 9.179 ppbv

RT: 4.328 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

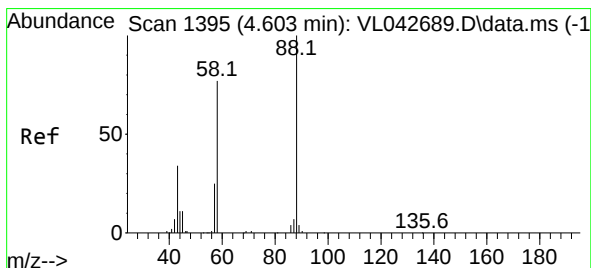
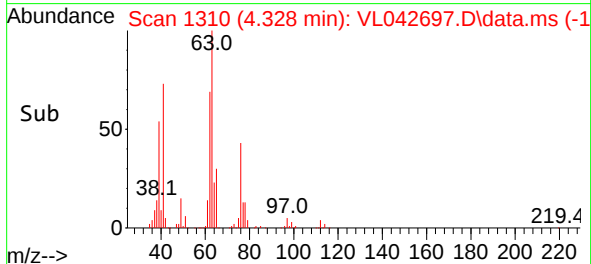
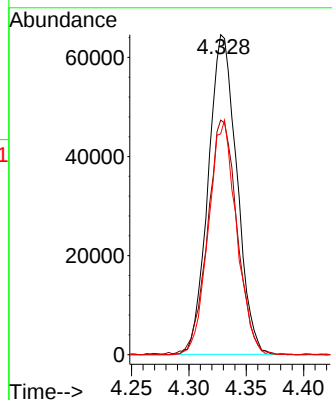
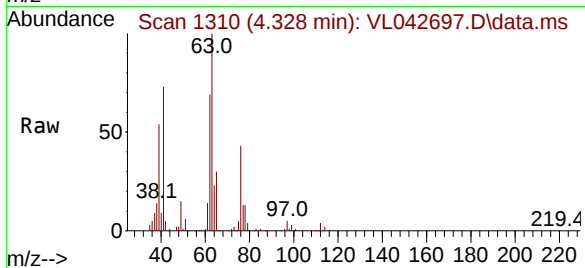
Tgt Ion: 63 Resp: 111969

Ion Ratio Lower Upper

63 100

41 73.1 60.8 91.2

62 69.0 58.6 87.8



#40

1,4-Dioxane

Concen: 10.383 ppbv

RT: 4.600 min Scan# 1394

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion: 88 Resp: 49078

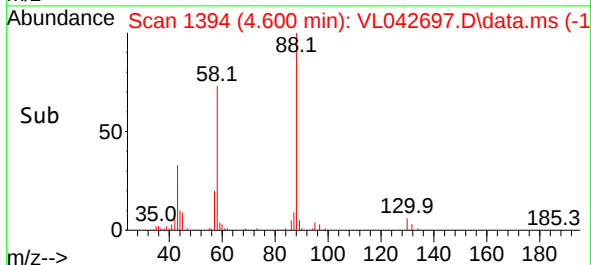
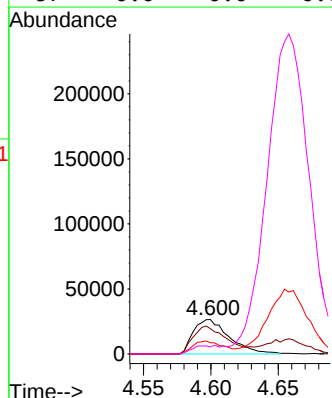
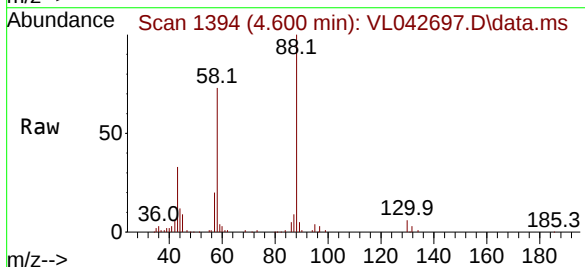
Ion Ratio Lower Upper

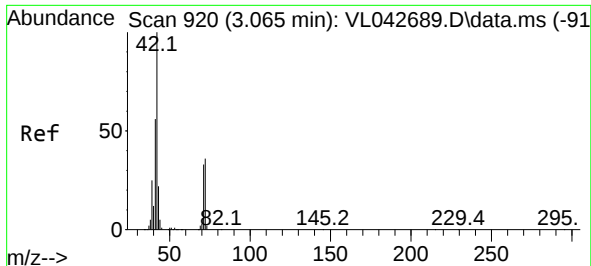
88 100

58 78.5 62.1 93.1

43 35.0 26.2 39.2

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.258 ppbv

RT: 3.062 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

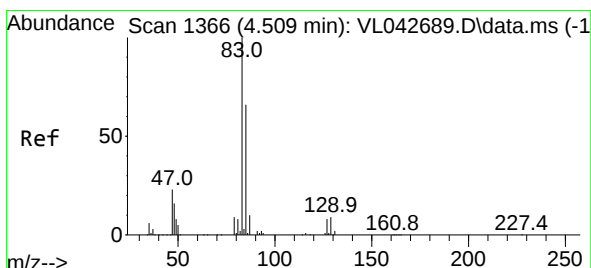
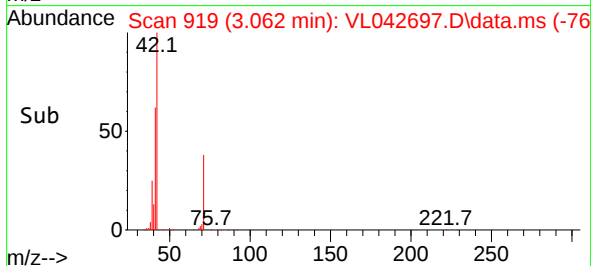
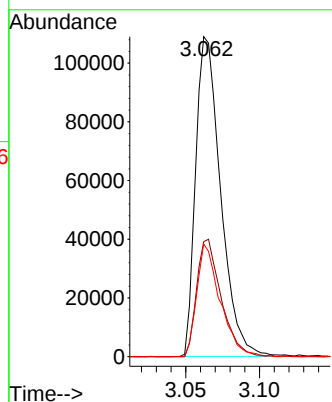
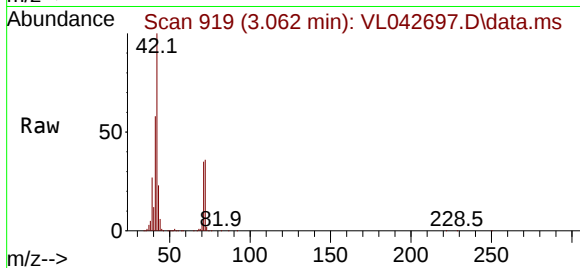
Tgt Ion: 42 Resp: 128395

Ion Ratio Lower Upper

42 100

72 36.1 28.2 42.4

71 33.1 25.4 38.0



#42

Bromodichloromethane

Concen: 9.321 ppbv

RT: 4.503 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

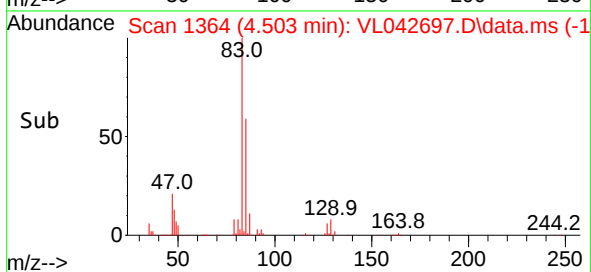
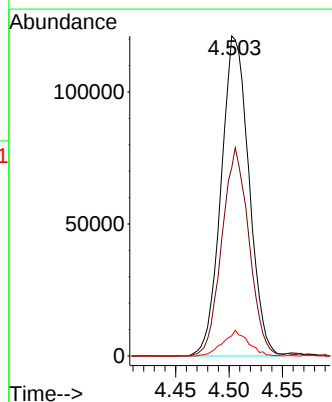
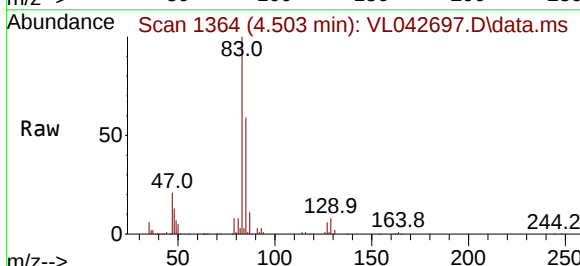
Tgt Ion: 83 Resp: 219302

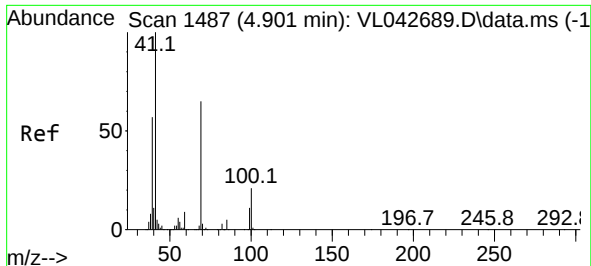
Ion Ratio Lower Upper

83 100

85 58.8 52.5 78.7

127 6.3 6.1 9.1

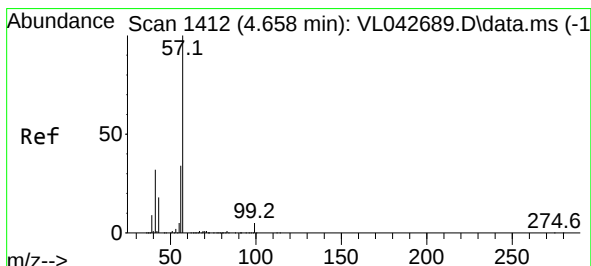
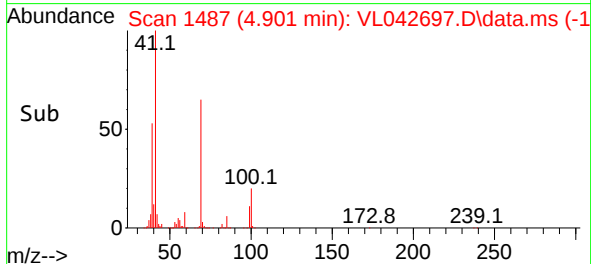
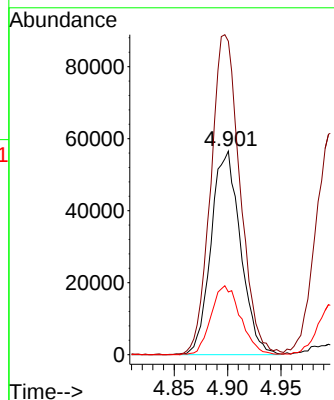
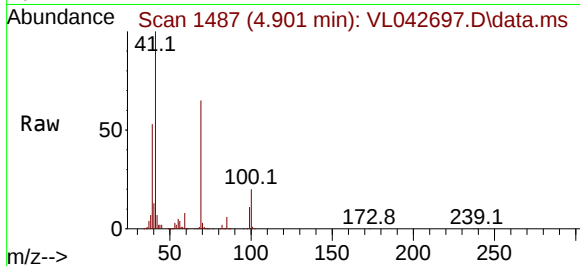




#43
Methyl Methacrylate
Concen: 10.769 ppbv
RT: 4.901 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

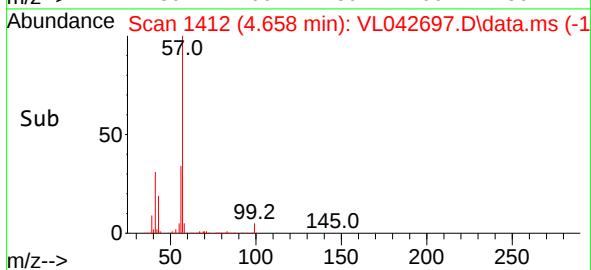
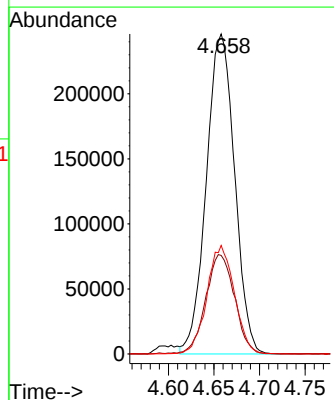
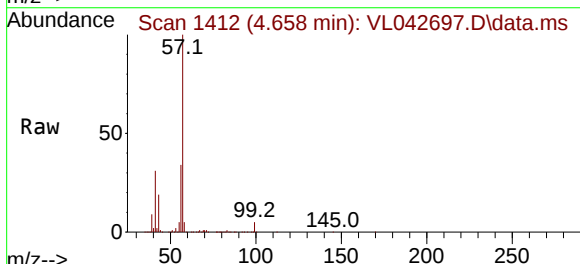
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

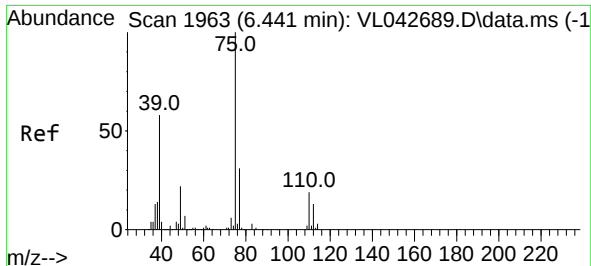
Tgt Ion: 69 Resp: 108319
Ion Ratio Lower Upper
69 100
41 156.7 125.4 188.2
100 34.2 26.4 39.6



#44
2,2,4-Trimethylpentane
Concen: 10.122 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 57 Resp: 531839
Ion Ratio Lower Upper
57 100
41 31.8 25.2 37.8
56 32.9 26.3 39.5

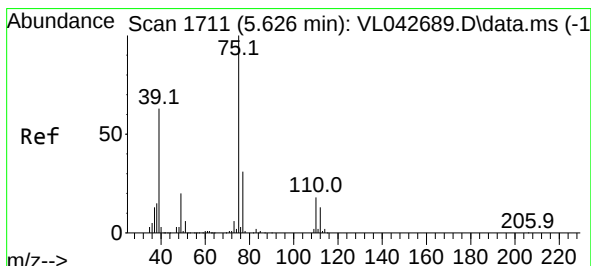
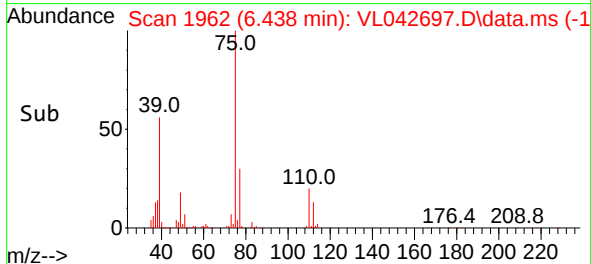
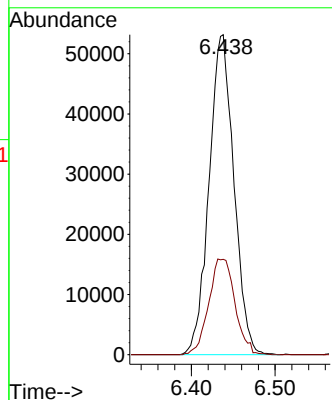
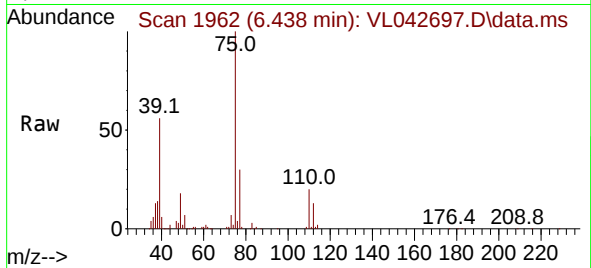




#45
 t-1,3-Dichloropropene
 Concen: 10.353 ppbv
 RT: 6.438 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

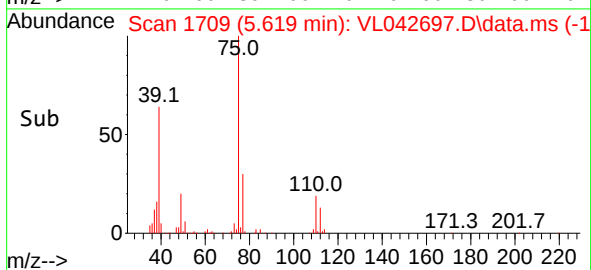
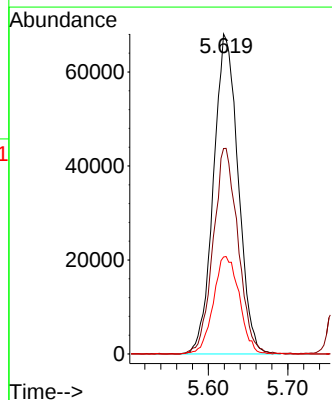
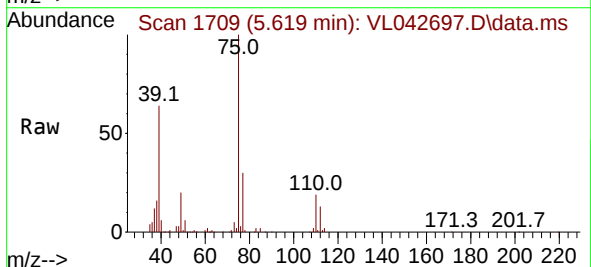
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225

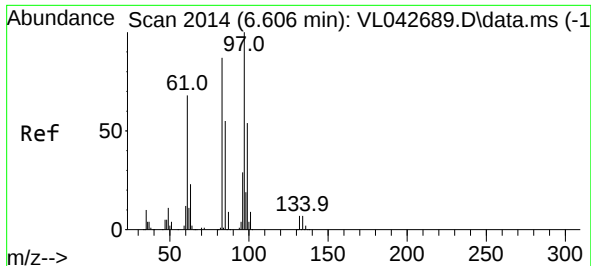
Tgt Ion: 75 Resp: 109312
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 10.060 ppbv
 RT: 5.619 min Scan# 1709
 Delta R.T. -0.006 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion: 75 Resp: 146557
 Ion Ratio Lower Upper
 75 100
 39 64.2 50.6 75.8
 77 30.3 24.8 37.2





#47

1,1,2-Trichloroethane

Concen: 9.574 ppbv

RT: 6.600 min Scan# 2014

Delta R.T. -0.006 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

Tgt Ion: 97 Resp: 115019

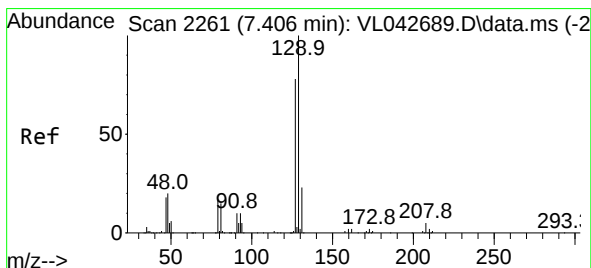
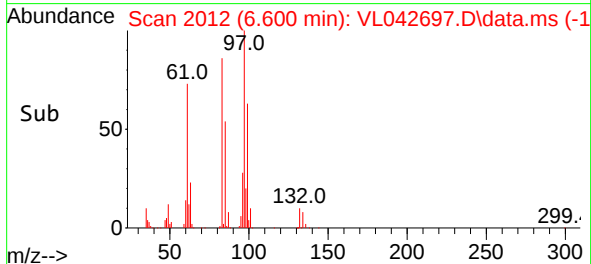
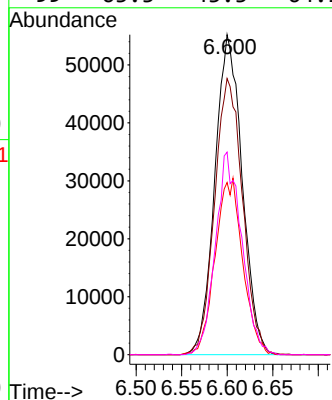
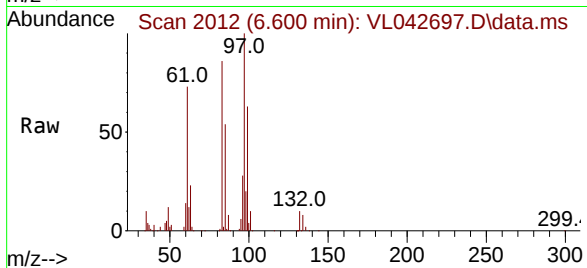
Ion Ratio Lower Upper

97 100

83 86.3 69.3 103.9

85 53.8 43.7 65.5

99 63.3 43.3 64.9



#48

Dibromochloromethane

Concen: 9.311 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. 0.000 min

Lab File: VL042697.D

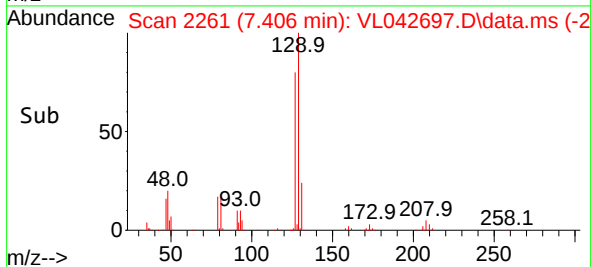
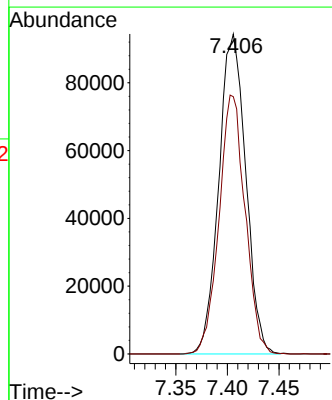
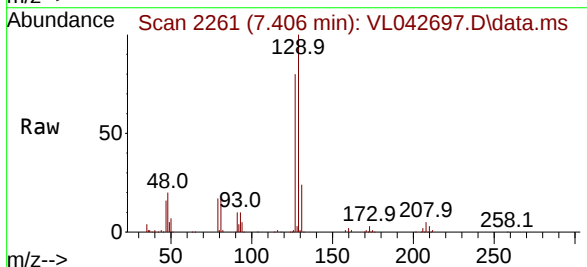
Acq: 02 Jul 2025 13:08

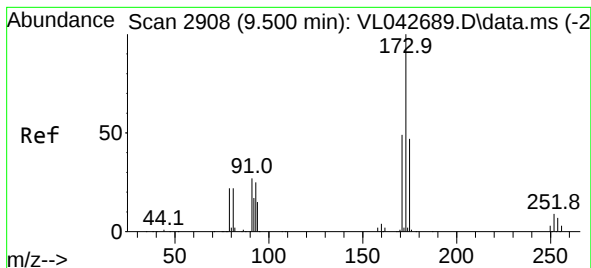
Tgt Ion:129 Resp: 171297

Ion Ratio Lower Upper

129 100

127 78.3 38.3 114.8





#49

Bromoform

Concen: 9.384 ppbv

RT: 9.500 min Scan# 2908

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

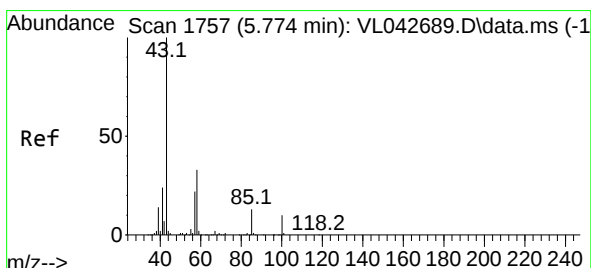
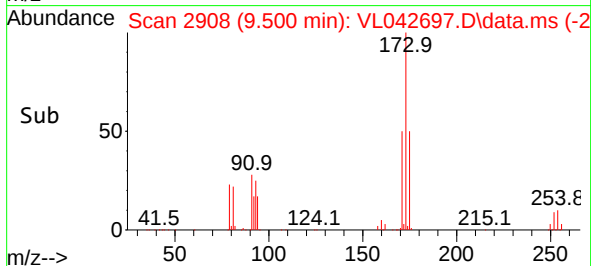
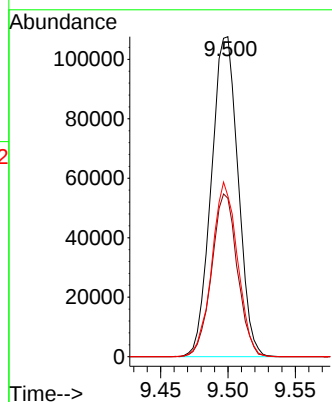
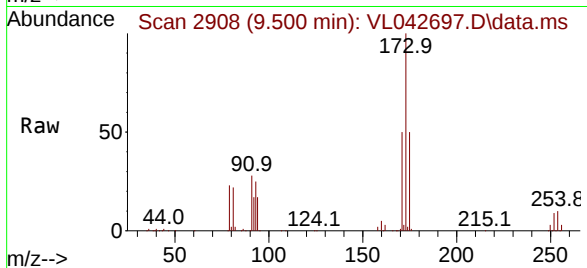
Tgt Ion:173 Resp: 149108

Ion Ratio Lower Upper

173 100

175 48.8 38.6 57.8

171 52.2 40.3 60.5



#50

4-Methyl-2-Pentanone

Concen: 10.433 ppbv

RT: 5.771 min Scan# 1756

Delta R.T. -0.003 min

Lab File: VL042697.D

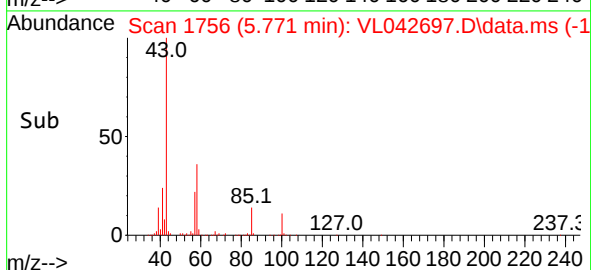
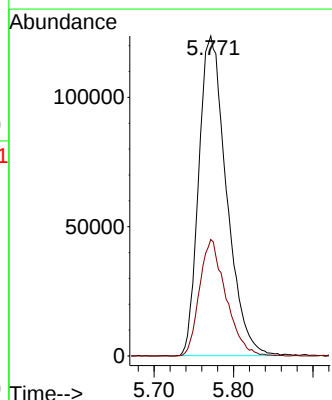
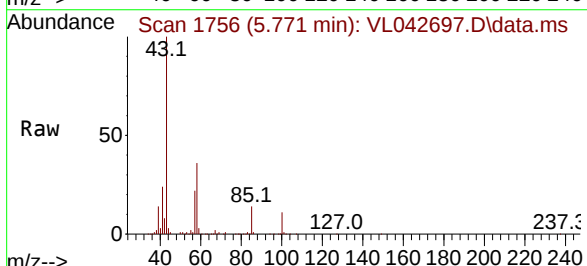
Acq: 02 Jul 2025 13:08

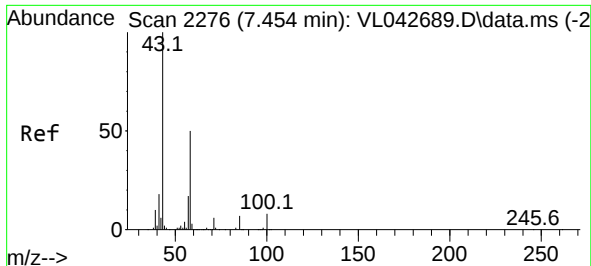
Tgt Ion: 43 Resp: 300056

Ion Ratio Lower Upper

43 100

58 34.8 27.5 41.3

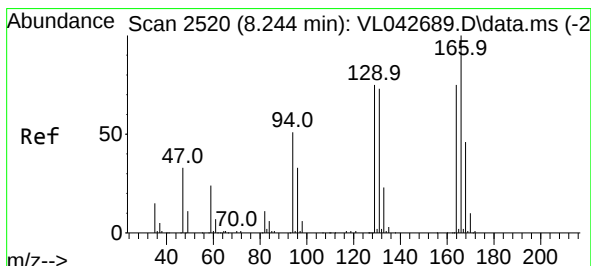
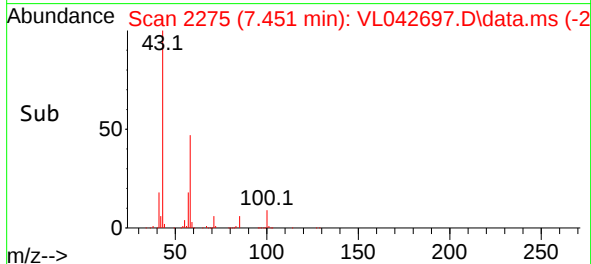
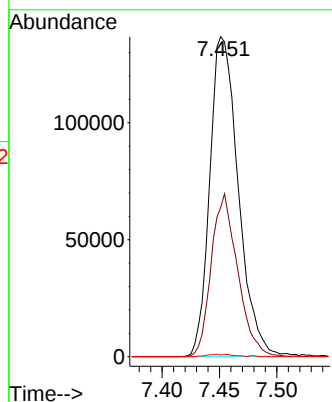
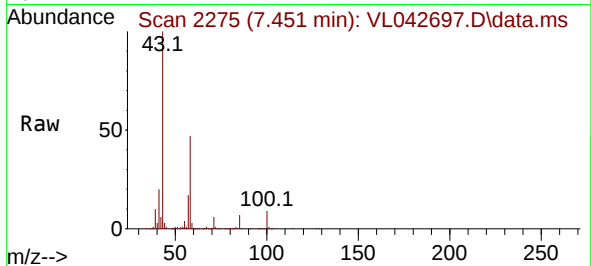




#51
2-Hexanone
Concen: 11.319 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

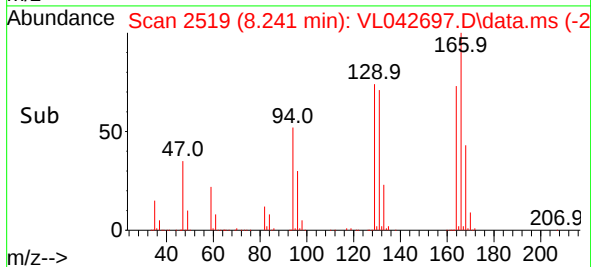
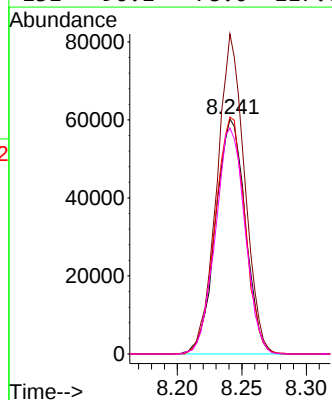
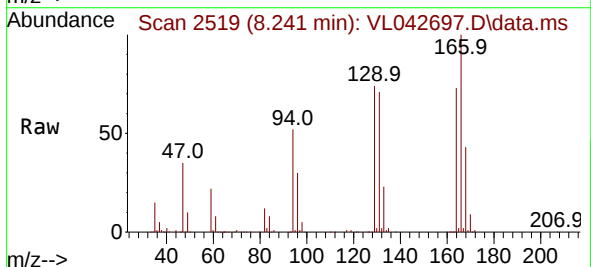
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

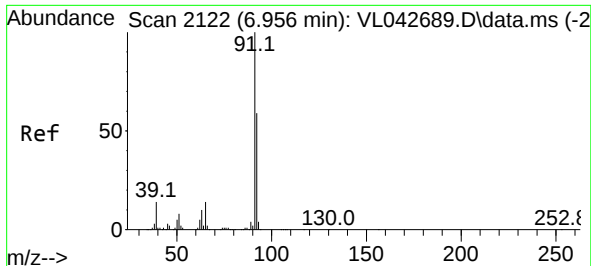
Tgt Ion: 43 Resp: 236851
Ion Ratio Lower Upper
43 100
58 47.1 38.6 57.8
98 0.8 0.6 1.0



#52
Tetrachloroethene
Concen: 9.229 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 164 Resp: 96485
Ion Ratio Lower Upper
164 100
166 136.1 106.6 160.0
129 100.5 79.8 119.6
131 96.1 78.0 117.0

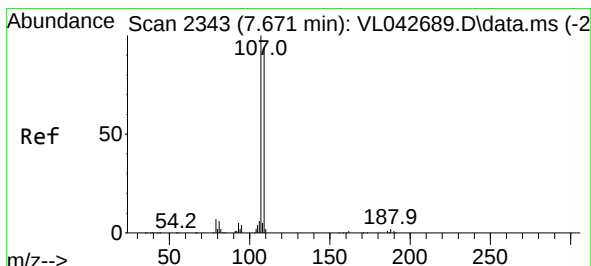
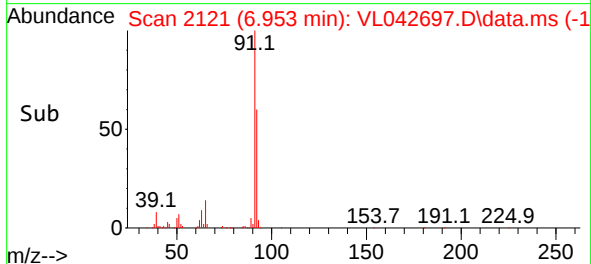
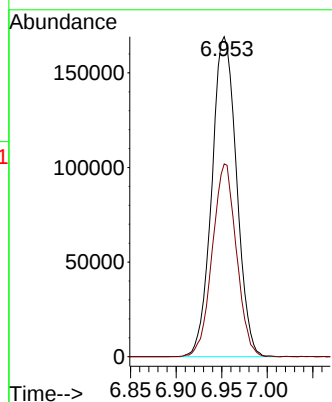
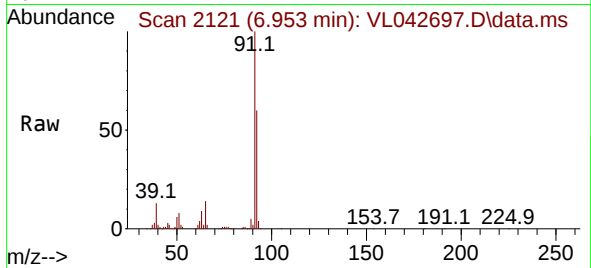




#53
Toluene
Concen: 10.940 ppbv
RT: 6.953 min Scan# 2121
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

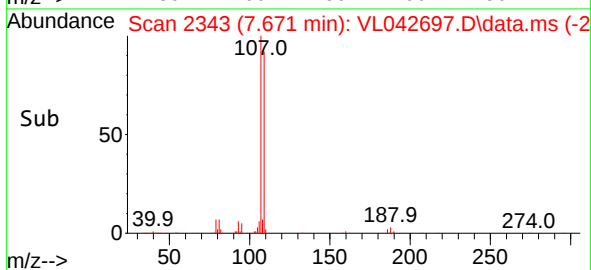
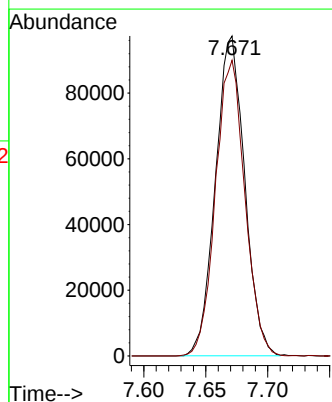
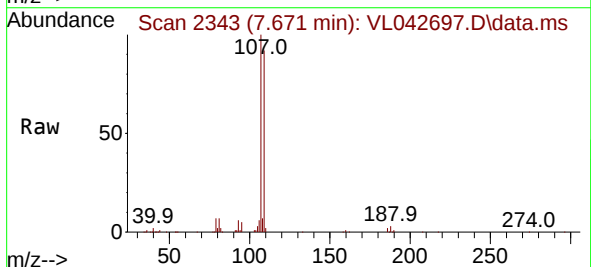
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

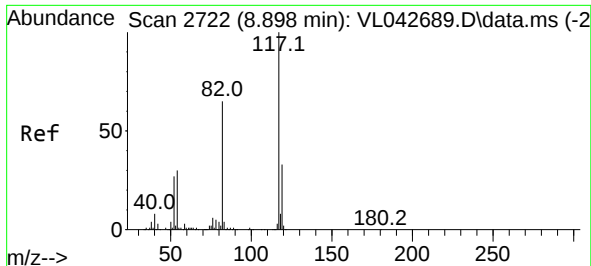
Tgt Ion: 91 Resp: 319495
Ion Ratio Lower Upper
91 100
92 58.7 47.4 71.2



#54
1,2-Dibromoethane
Concen: 9.536 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 107 Resp: 159700
Ion Ratio Lower Upper
107 100
109 92.4 74.8 112.2

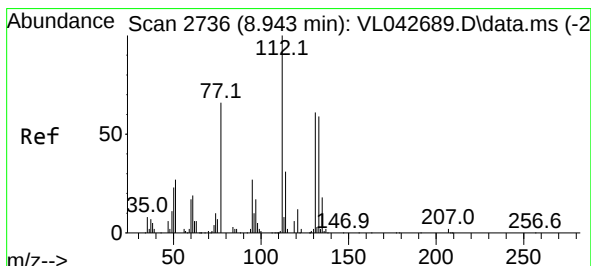
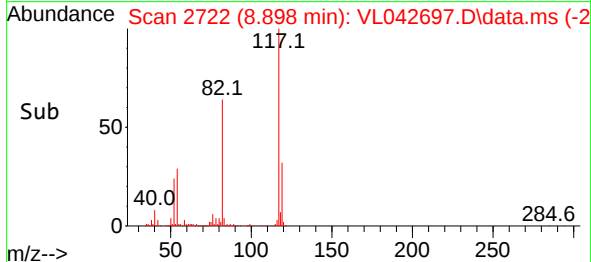
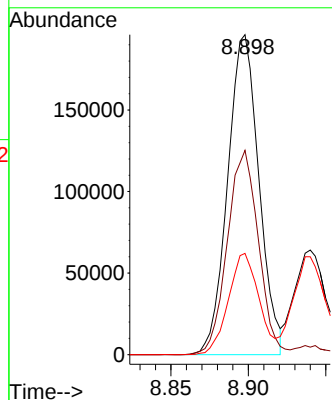
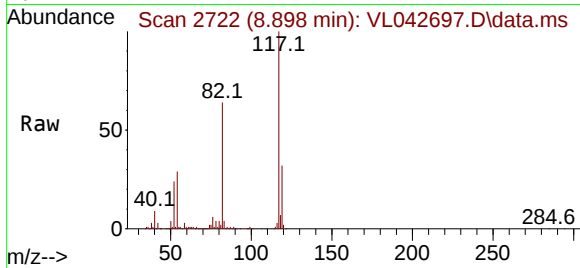




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

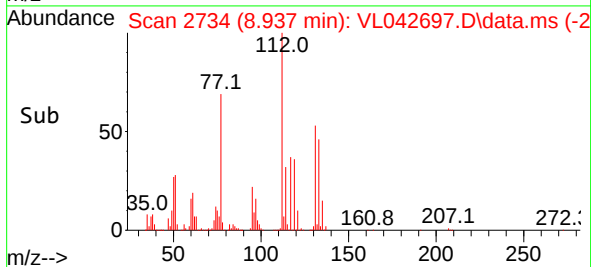
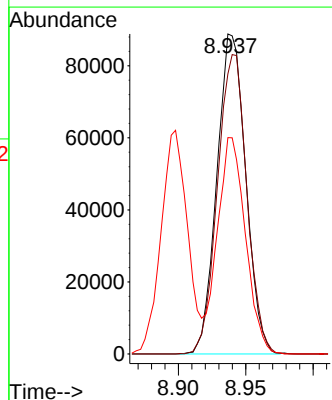
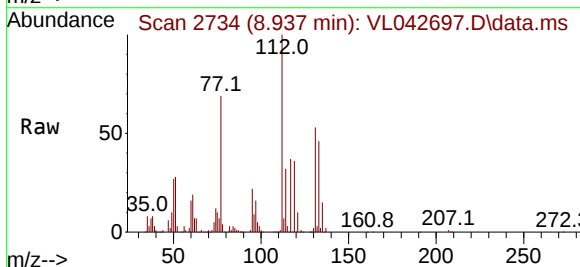
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

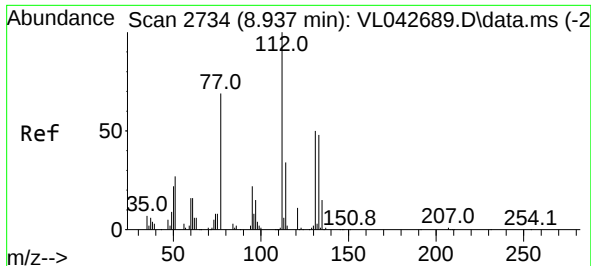
Tgt Ion:117 Resp: 276453
Ion Ratio Lower Upper
117 100
82 66.0 53.4 80.2
119 30.2 26.6 39.8



#56
1,1,1,2-Tetrachloroethane
Concen: 8.859 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.006 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion:131 Resp: 132435
Ion Ratio Lower Upper
131 100
133 95.1 77.3 115.9
119 64.4 52.6 78.8

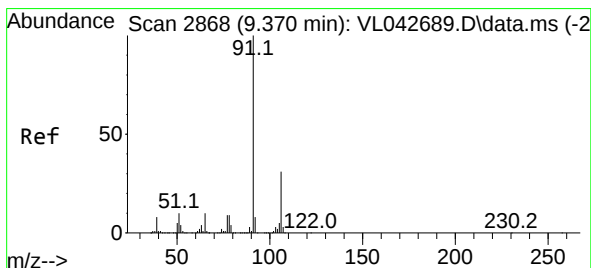
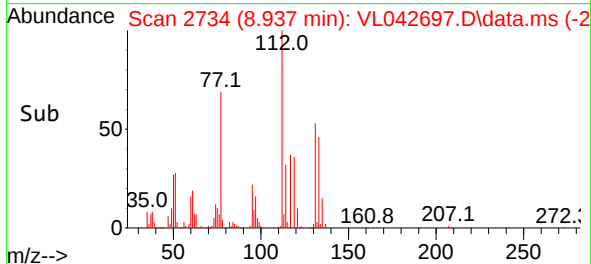
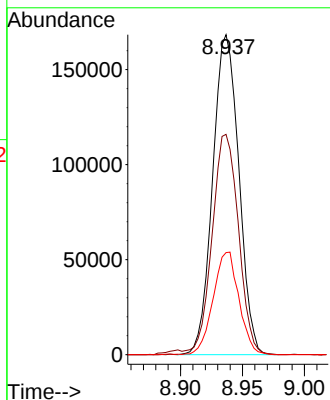
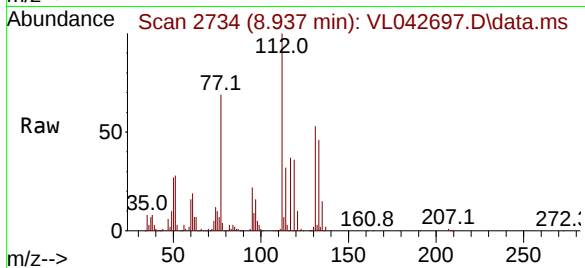




#57
Chlorobenzene
Concen: 8.935 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

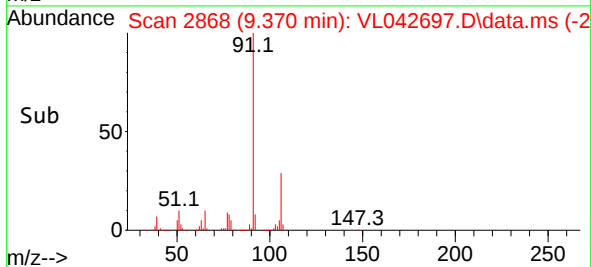
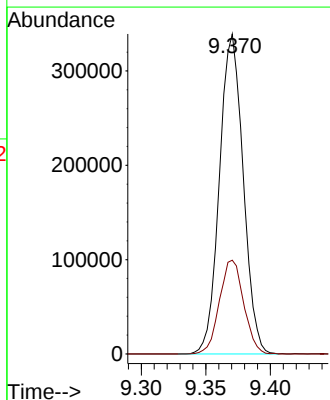
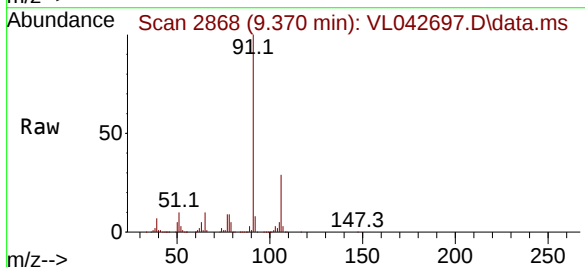
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

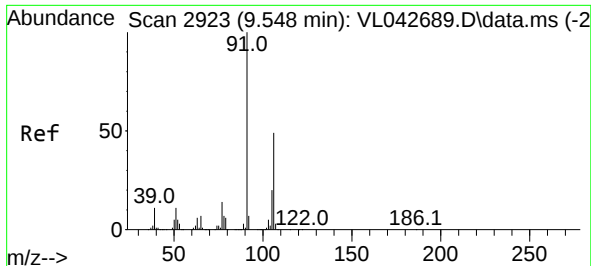
Tgt Ion:112 Resp: 247805
Ion Ratio Lower Upper
112 100
77 68.9 56.2 84.4
114 31.9 30.2 37.0



#58
Ethyl Benzene
Concen: 10.833 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 91 Resp: 433115
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3





#59

m/p-Xylene

Concen: 10.680 ppbv

RT: 9.545 min Scan# 2923

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

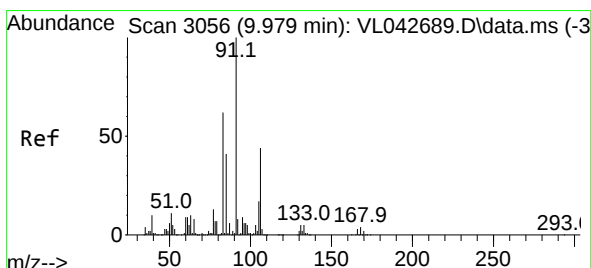
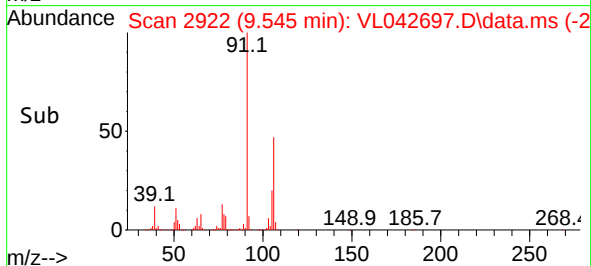
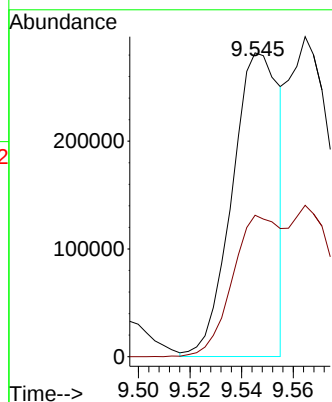
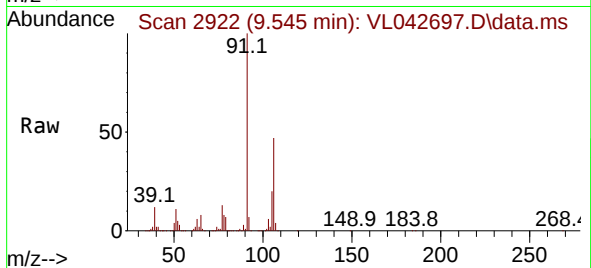
ICVVL070225

Tgt Ion: 91 Resp: 357642

Ion Ratio Lower Upper

91 100

106 0.0 37.6 56.4#



#60

o-Xylene

Concen: 10.617 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.000 min

Lab File: VL042697.D

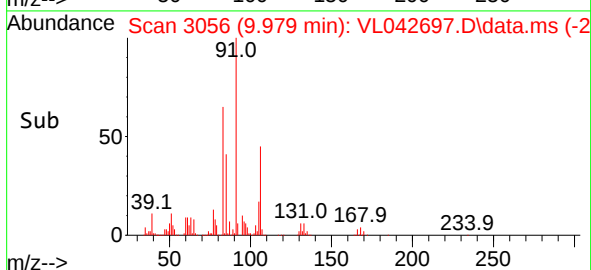
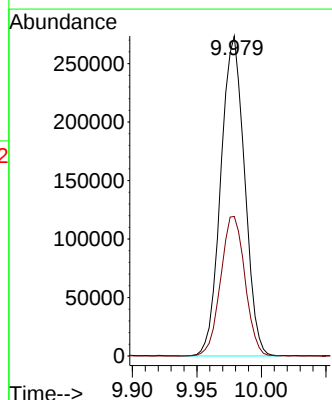
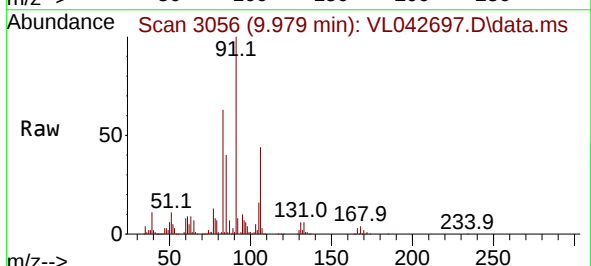
Acq: 02 Jul 2025 13:08

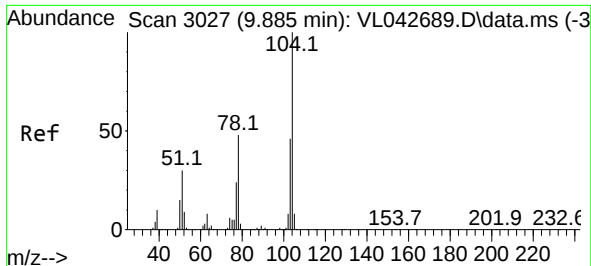
Tgt Ion: 91 Resp: 349746

Ion Ratio Lower Upper

91 100

106 44.6 22.8 68.4

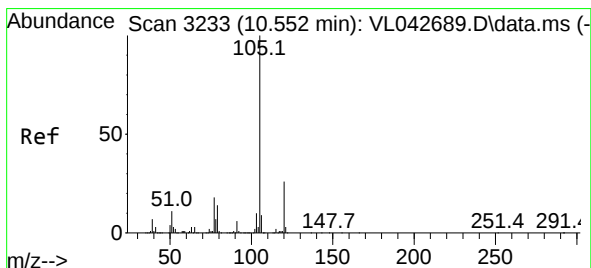
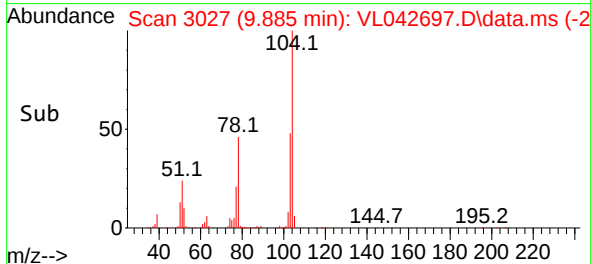
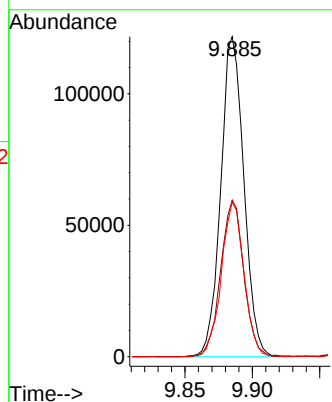
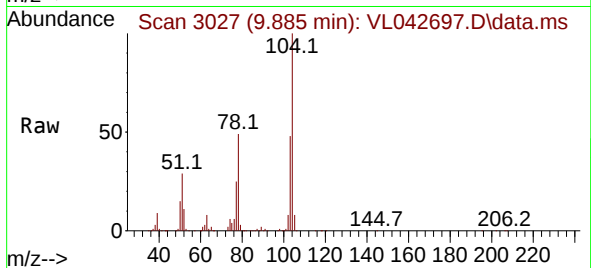




#61
Styrene
Concen: 11.235 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

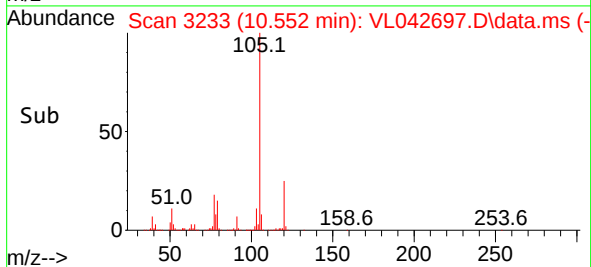
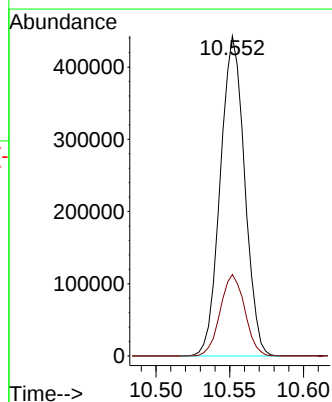
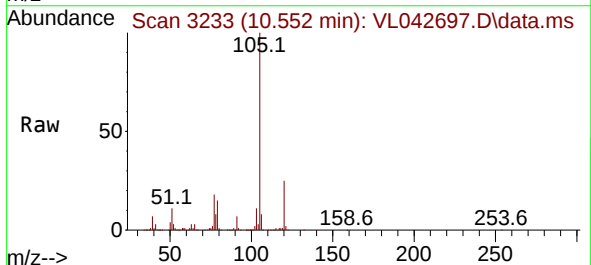
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

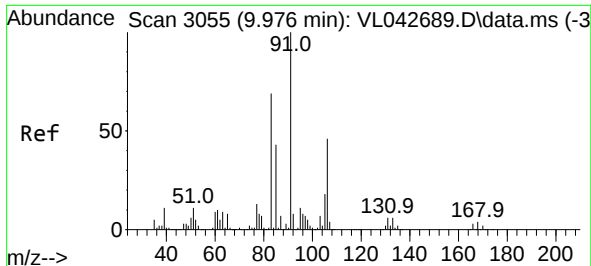
Tgt Ion:104 Resp: 145395
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 47.4 37.4 56.0



#62
Isopropylbenzene
Concen: 10.215 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion:105 Resp: 507890
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0





#63

1,1,2-Tetrachloroethane

Concen: 9.073 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_1

ClientSampleId :

ICVVL070225

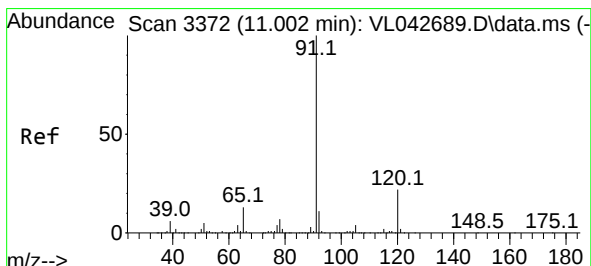
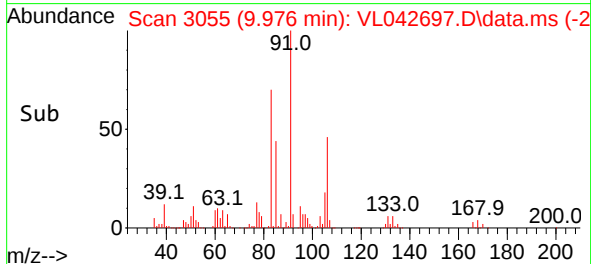
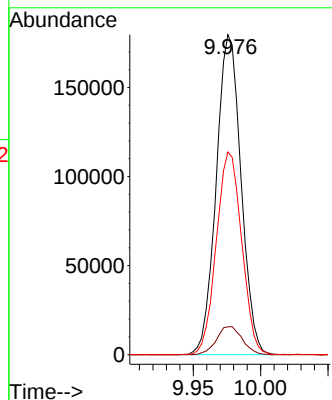
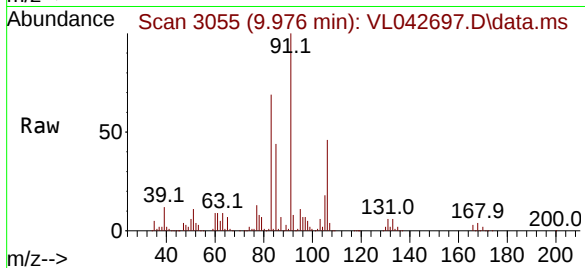
Tgt Ion: 83 Resp: 230175

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.4

85 64.7 31.5 94.5



#64

n-propylbenzene

Concen: 10.599 ppbv

RT: 10.998 min Scan# 3371

Delta R.T. -0.003 min

Lab File: VL042697.D

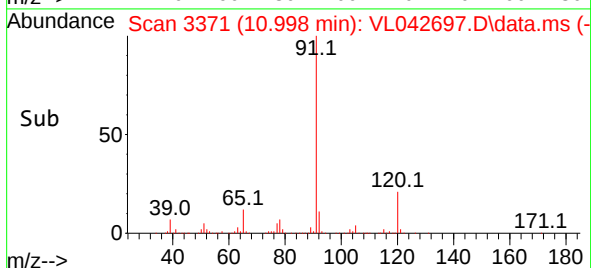
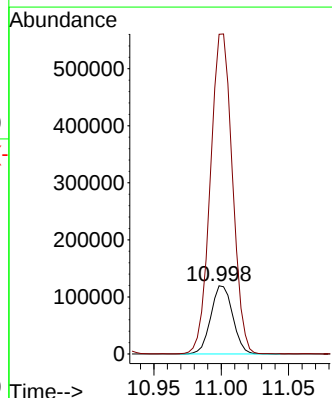
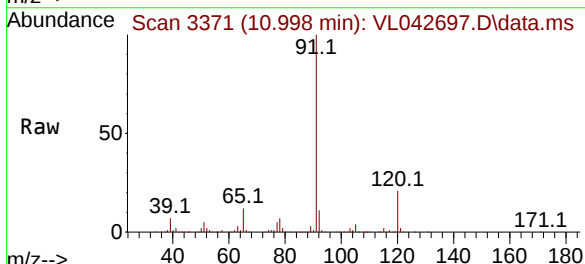
Acq: 02 Jul 2025 13:08

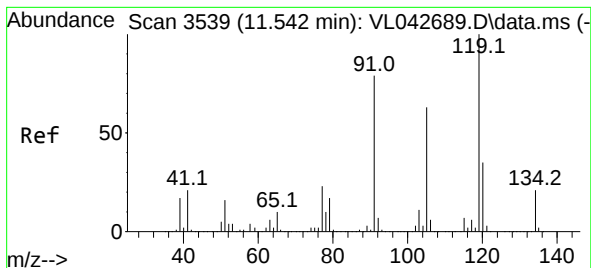
Tgt Ion: 120 Resp: 134923

Ion Ratio Lower Upper

120 100

91 474.9 377.8 566.8

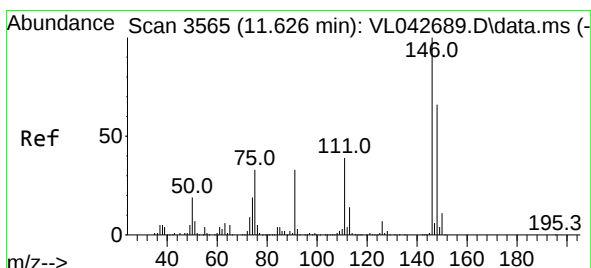
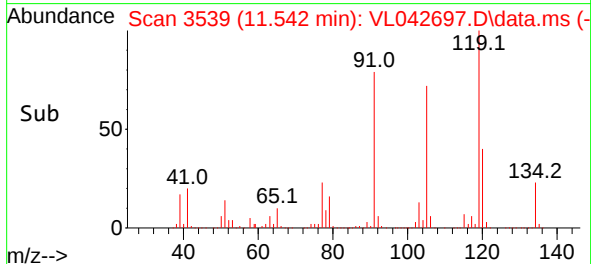
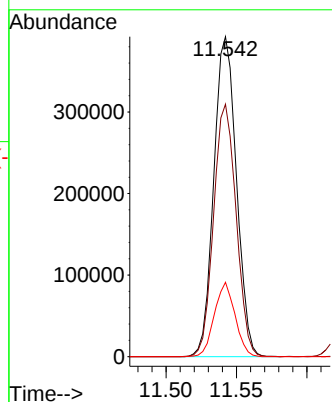
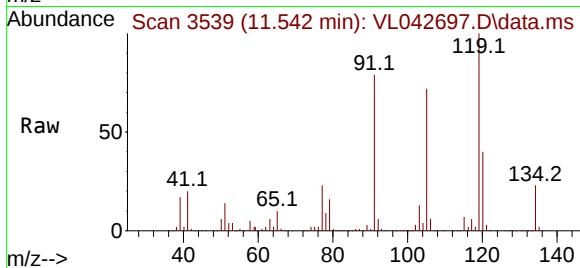




#65
tert-Butylbenzene
Concen: 10.308 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

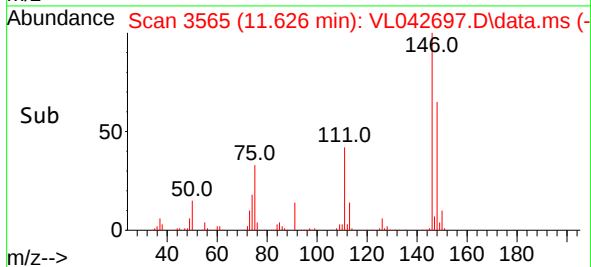
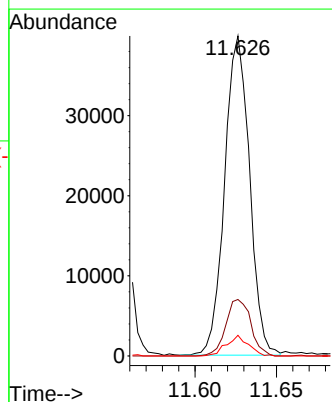
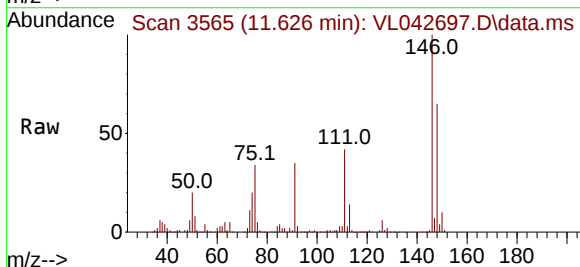
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

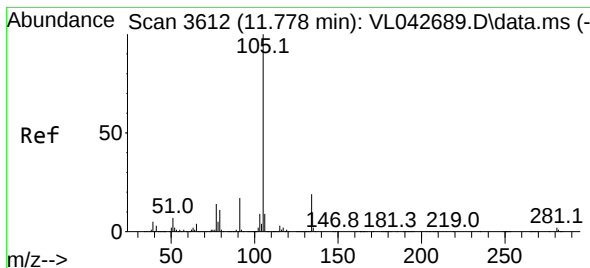
Tgt Ion:119 Resp: 438705
Ion Ratio Lower Upper
119 100
91 78.5 62.6 93.8
134 21.2 16.9 25.3



#66
Benzyl Chloride
Concen: 10.256 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 91 Resp: 42290
Ion Ratio Lower Upper
91 100
126 17.9 14.8 22.2
128 5.7 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.871 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

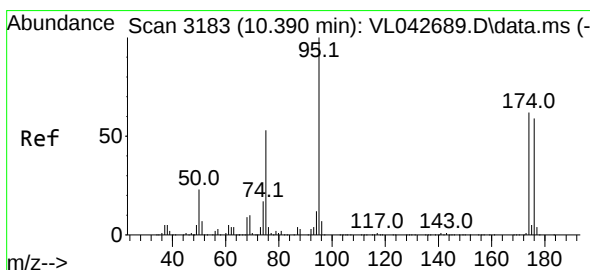
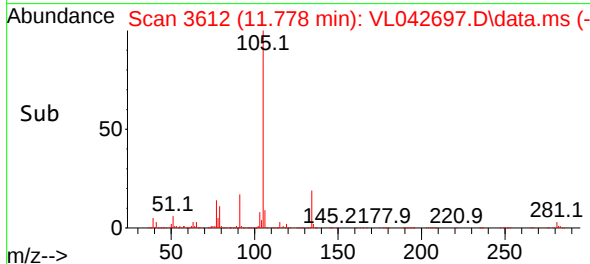
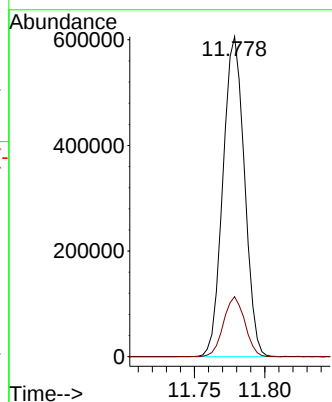
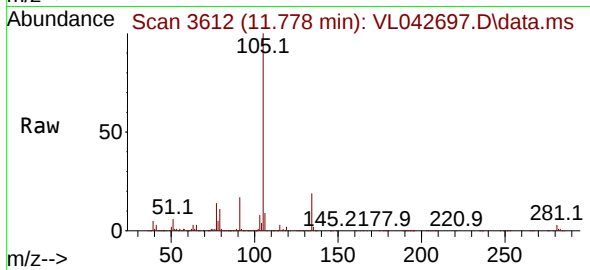
ICVVL070225

Tgt Ion:105 Resp: 643534

Ion Ratio Lower Upper

105 100

134 18.7 15.0 22.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.166 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

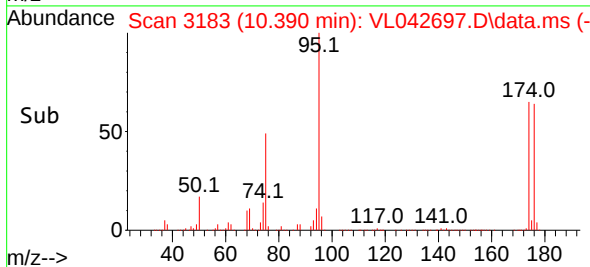
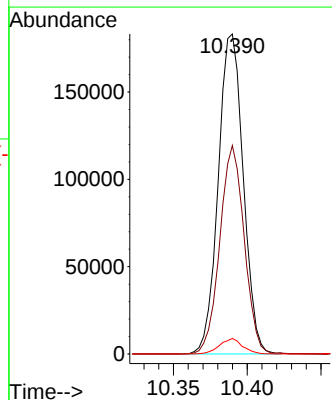
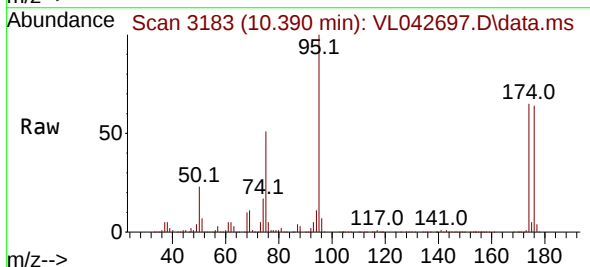
Tgt Ion: 95 Resp: 216163

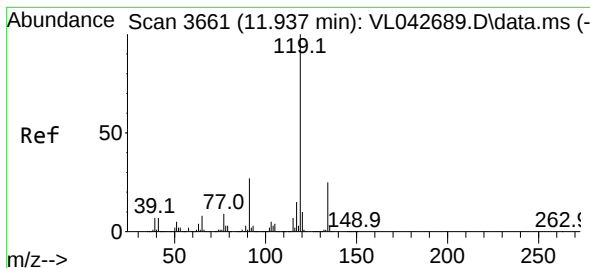
Ion Ratio Lower Upper

95 100

174 63.6 51.2 76.8

175 4.5 3.8 5.8

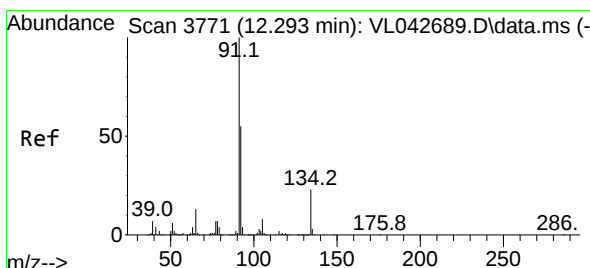
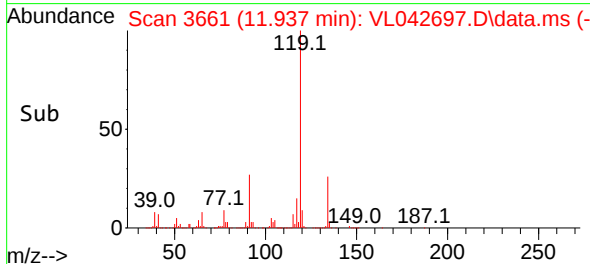
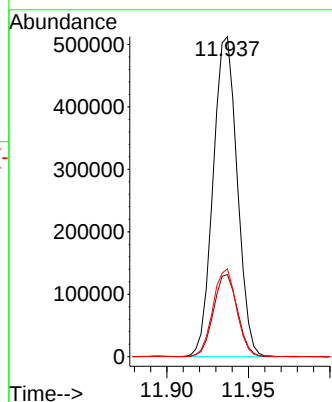
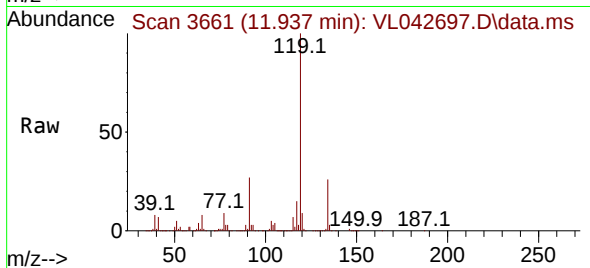




#69
p-Isopropyltoluene
Concen: 10.137 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

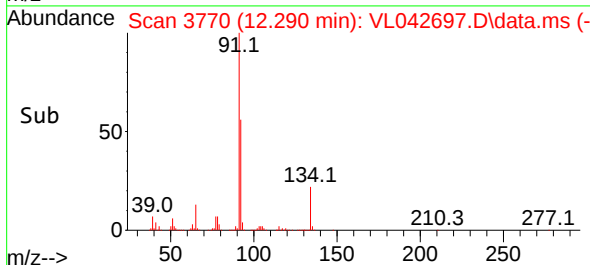
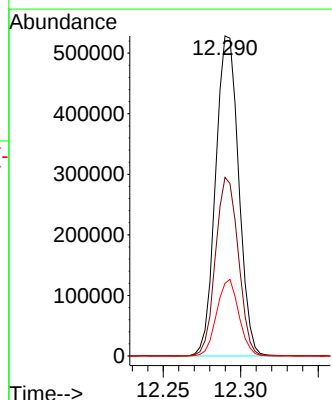
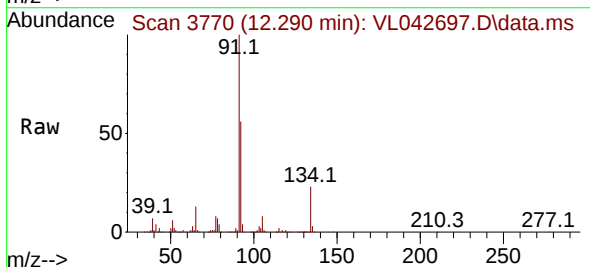
Instrument :
MSVOA_1
ClientSampleId :
ICVVL070225

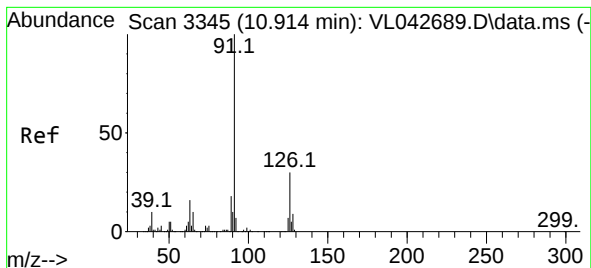
Tgt Ion:119 Resp: 525986
Ion Ratio Lower Upper
119 100
134 25.7 20.6 31.0
91 27.1 21.4 32.2



#70
n-Butylbenzene
Concen: 10.458 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 91 Resp: 546708
Ion Ratio Lower Upper
91 100
92 55.2 44.2 66.2
134 23.0 18.6 27.8

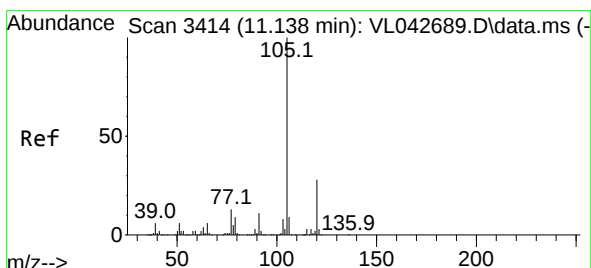
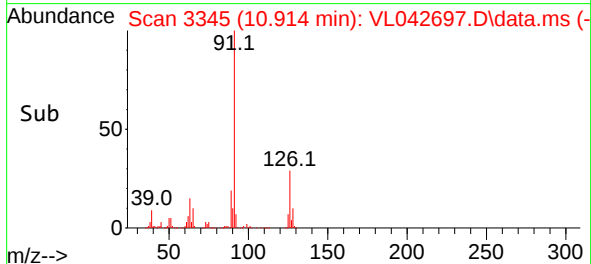
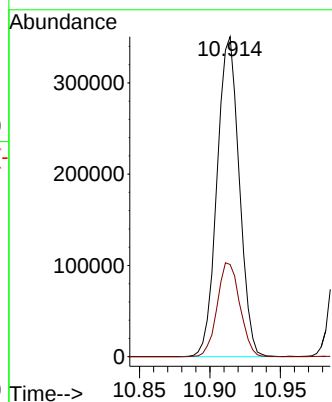
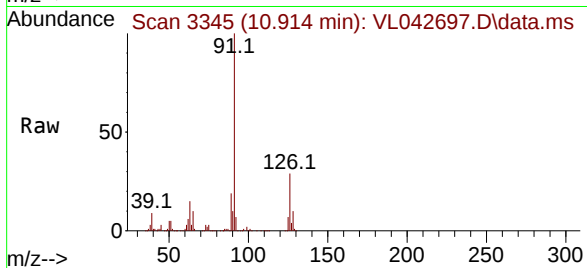




#71
2-Chlorotoluene
Concen: 10.480 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

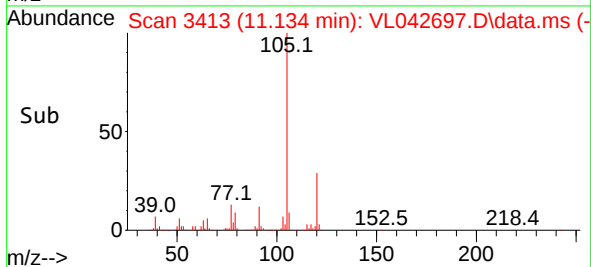
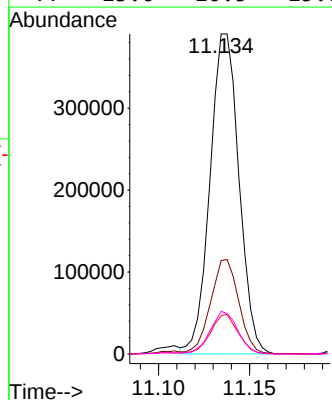
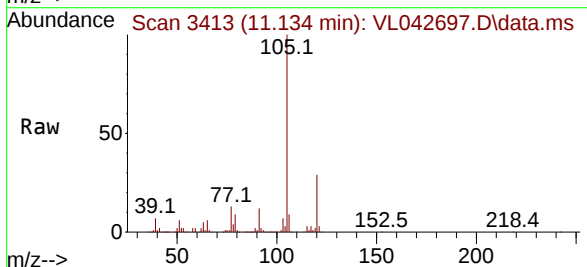
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

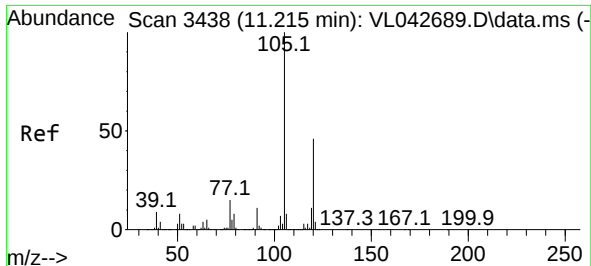
Tgt Ion: 91 Resp: 385485
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4



#72
4-Ethyltoluene
Concen: 10.756 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 105 Resp: 432340
Ion Ratio Lower Upper
105 100
120 29.5 23.8 35.6
91 12.3 9.7 14.5
77 13.0 10.5 15.7

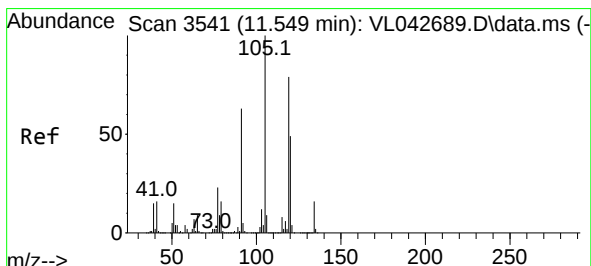
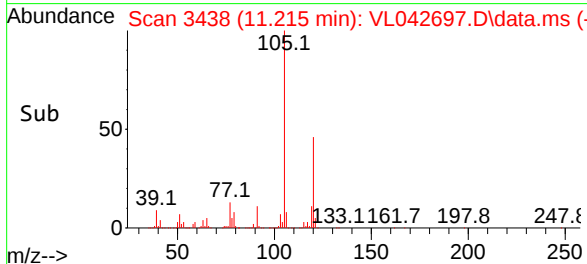
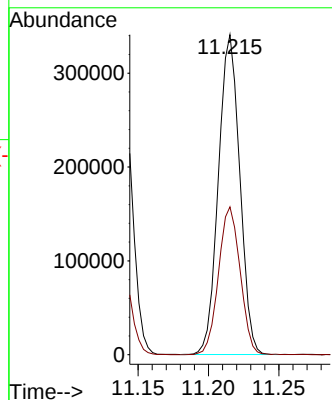
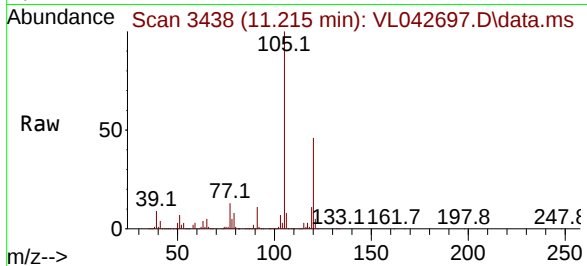




#73
 1,3,5-Trimethylbenzene
 Concen: 10.631 ppbv
 RT: 11.215 min Scan# 3438
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

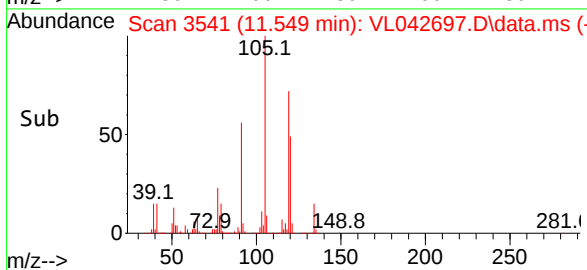
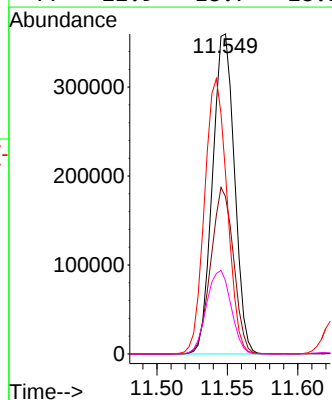
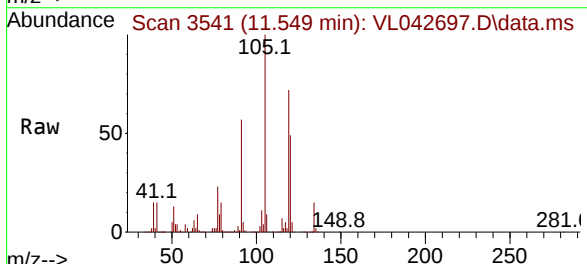
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL070225

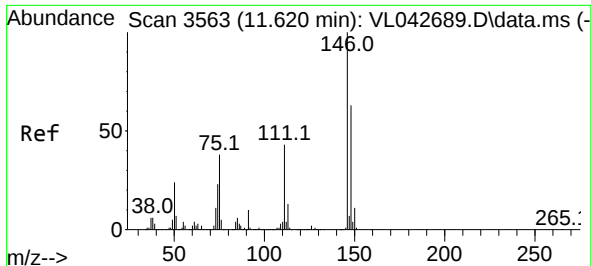
Tgt Ion:105 Resp: 360290
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 10.081 ppbv
 RT: 11.549 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion:105 Resp: 389736
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.6 59.4
 91 56.6 51.0 76.6
 77 22.9 18.7 28.1

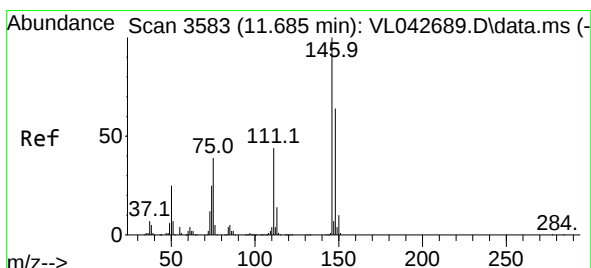
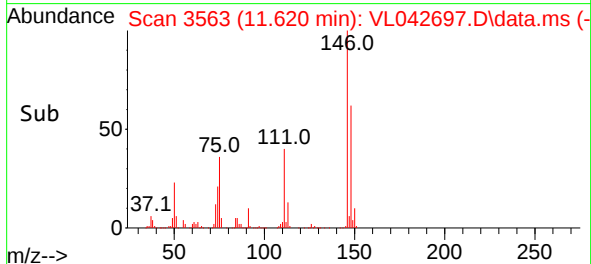
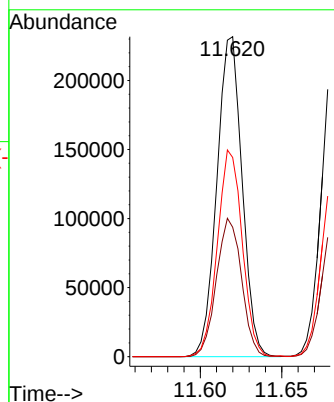
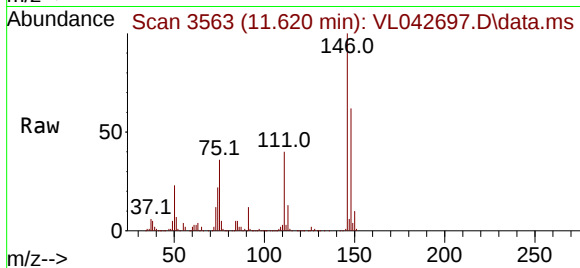




#75
1,3-Dichlorobenzene
Concen: 9.183 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

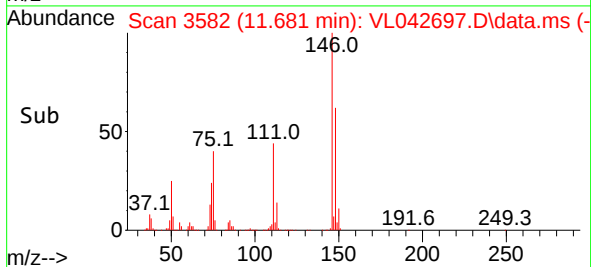
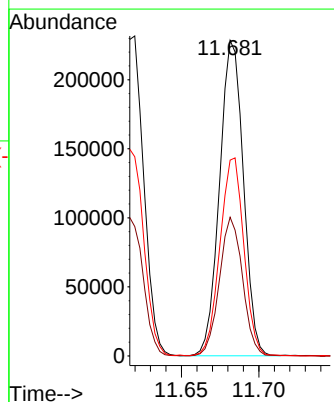
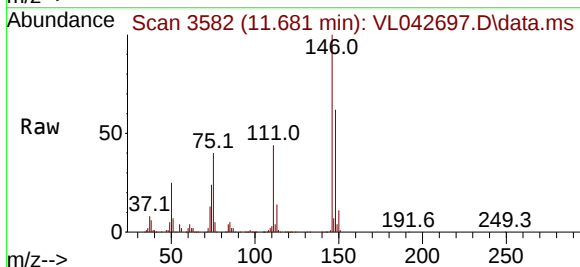
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

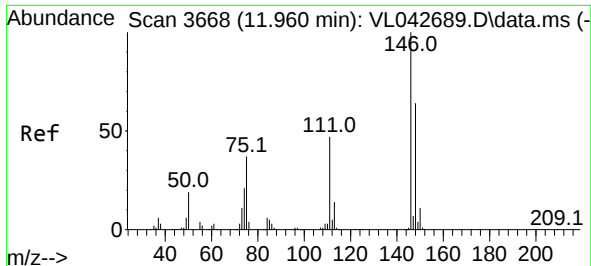
Tgt Ion:146 Resp: 249086
Ion Ratio Lower Upper
146 100
111 43.1 21.6 65.0
148 63.8 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 9.475 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion:146 Resp: 243912
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.3
148 63.4 31.8 95.4

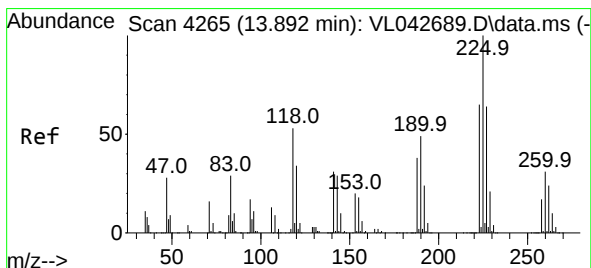
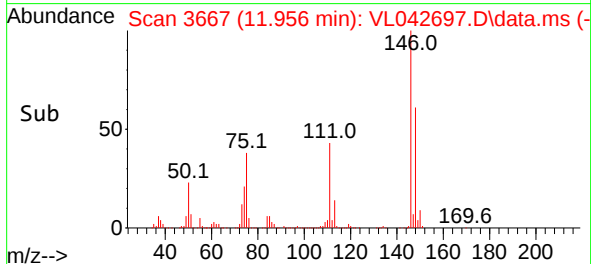
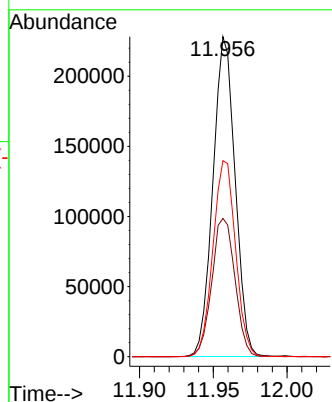
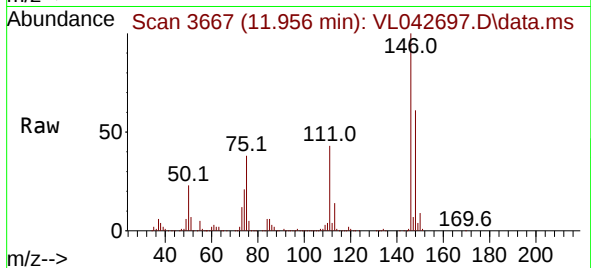




#77
1,2-Dichlorobenzene
Concen: 8.718 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

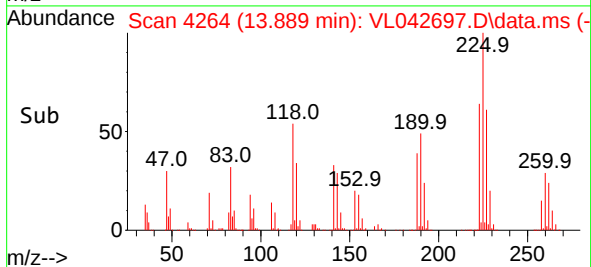
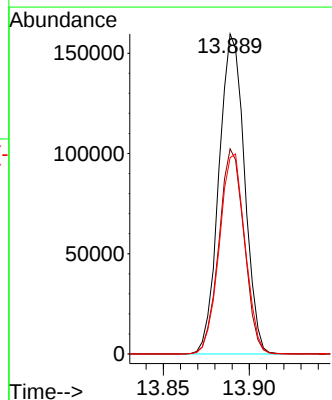
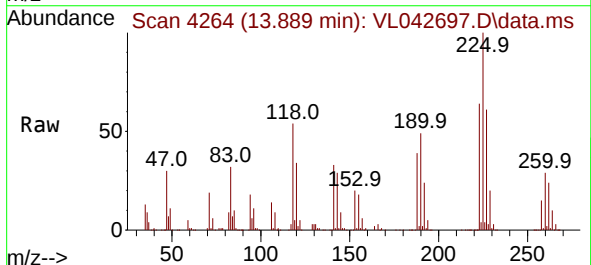
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

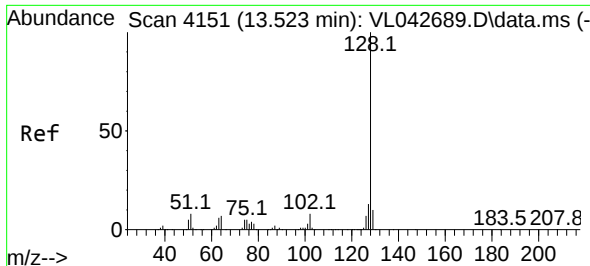
Tgt Ion:146 Resp: 238854
Ion Ratio Lower Upper
146 100
111 45.1 22.9 68.8
148 62.6 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 7.726 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion:225 Resp: 164880
Ion Ratio Lower Upper
225 100
223 63.1 50.5 75.7
227 62.7 50.0 75.0

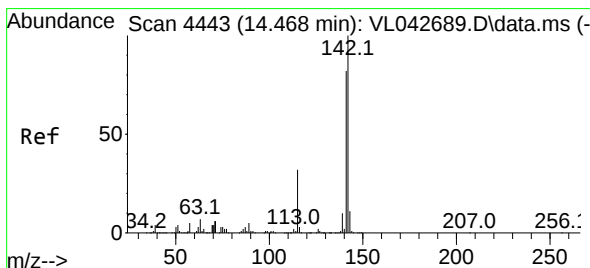
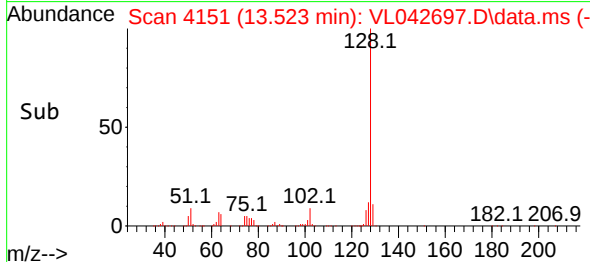
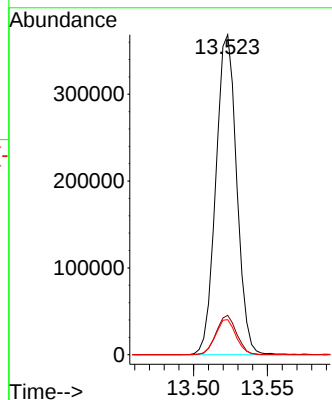
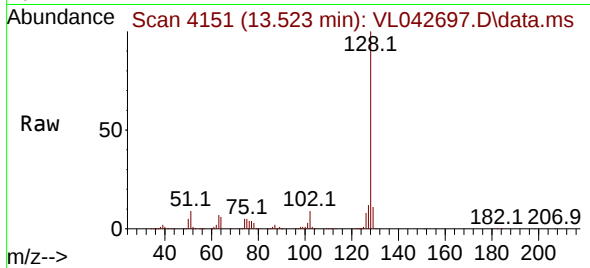




#79
Naphthalene
Concen: 11.225 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

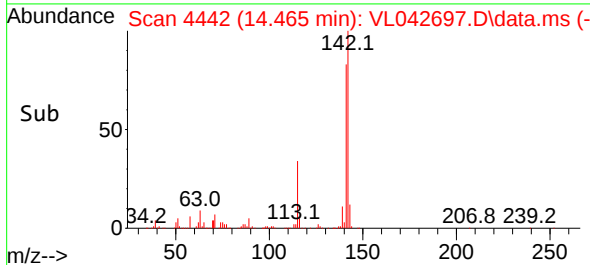
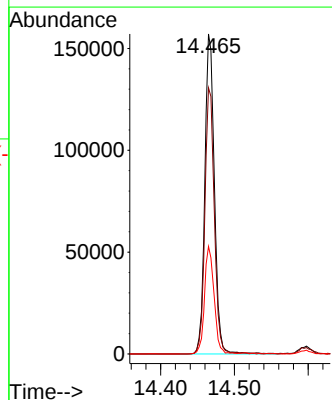
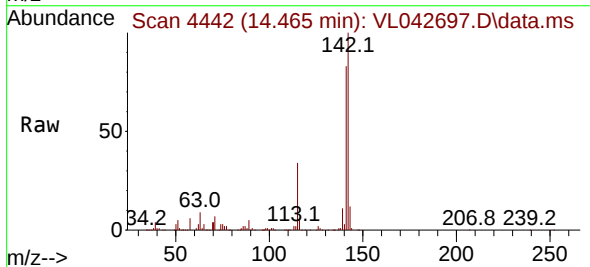
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

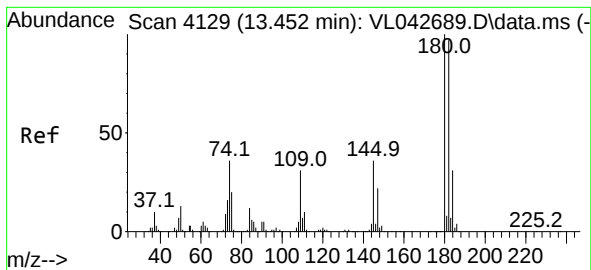
Tgt Ion:	128	Resp:	362200
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.9	8.2	12.2



#80
Naphthalene, 2-methyl-
Concen: 10.522 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion:	142	Resp:	141019
Ion	Ratio	Lower	Upper
142	100		
141	82.9	67.4	101.2
115	33.7	26.9	40.3





#81

1,2,4-Trichlorobenzene

Concen: 9.827 ppbv

RT: 13.449 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042697.D

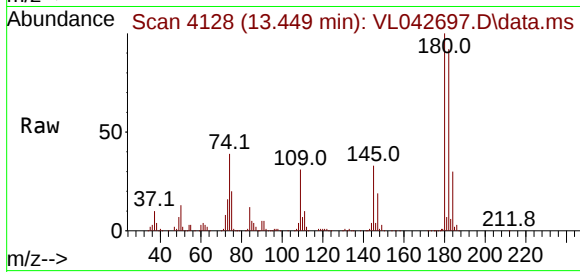
Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225



Tgt Ion:180 Resp: 184782

Ion Ratio Lower Upper

180 100

182 96.9 76.7 115.1

184 30.2 24.4 36.6

