

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040225\
 Data File : VL042211.D
 Acq On : 02 Apr 2025 08:37
 Operator : SY/MD
 Sample : VSTDCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 03 01:41:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	161260	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.936	114	460090	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.863	117	420497	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	348908	10.104	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.493	85	267318	11.227	ppbv	99
3) Chlorodifluoromethane	1.470	51	269207	11.068	ppbv	97
4) Chloromethane	1.528	50	105392	10.831	ppbv	99
5) Vinyl Chloride	1.574	62	98946	9.596	ppbv	96
6) Bromomethane	1.661	94	45763	10.378	ppbv	96
7) Chloroethane	1.697	64	39291	10.059	ppbv	92
8) Dichlorotetrafluoroethane	1.548	85	223786	11.037	ppbv	95
9) Propene	1.477	41	105335	9.448	ppbv	98
10) Heptane	4.956	43	304455	10.267	ppbv	100
11) Trichlorofluoromethane	1.868	101	259016	11.180	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.130	101	197679	10.381	ppbv	97
13) Ethanol	1.713	45	5425	5.147	ppbv	96
14) Bromoethene	1.774	108	74043	10.150	ppbv	99
15) Acetone	1.826	43	217441	9.641	ppbv	98
16) 1,3-Butadiene	1.603	39	105246	9.556	ppbv	98
17) tert-Butyl alcohol	2.033	59	280076	9.971	ppbv	99
18) 1,1-Dichloroethene	2.023	96	90865	10.207	ppbv	97
19) Isopropyl Alcohol	1.878	45	126448	9.937	ppbv	98
20) Methylene Chloride	2.053	84	82026	9.765	ppbv	98
21) Allyl Chloride	2.085	41	160348	10.081	ppbv	98
22) trans-1,2-Dichloroethene	2.331	96	101863	9.900	ppbv	99
23) Vinyl Acetate	2.454	43	84973	8.705	ppbv #	96
24) 1,1-Dichloroethane	2.399	63	201368	10.558	ppbv	98
25) Ethyl Acetate	2.823	43	626906	10.710	ppbv	99
26) Hexane	2.813	57	247723	10.957	ppbv	98
27) Carbon Disulfide	2.140	76	245604	10.130	ppbv	100
28) Methyl tert-Butyl Ether	2.428	73	136685	9.710	ppbv	96
29) Chloroform	2.836	83	380694	11.505	ppbv	100
30) Cyclohexane	3.839	84	204664	10.425	ppbv	97
31) cis-1,2-Dichloroethene	2.710	61	247426	10.779	ppbv	96
32) 1,1,1-Trichloroethane	3.354	97	403528	10.652	ppbv	99
34) 2-Butanone	2.545	43	354111	10.614	ppbv	100
35) Carbon Tetrachloride	3.742	117	407397	11.335	ppbv	99
36) Benzene	3.639	78	483334	10.597	ppbv	98
37) 1,2-Dichloroethane	3.205	62	307462	11.774	ppbv	98
38) Trichloroethene	4.525	130	199094	10.461	ppbv	97
39) 1,2-Dichloropropane	4.292	63	177282	10.672	ppbv	92
40) 1,4-Dioxane	4.561	88	87524	9.927	ppbv #	92
41) Tetrahydrofuran	3.040	42	200859	10.455	ppbv	100
42) Bromodichloromethane	4.470	83	416274	11.563	ppbv	99
43) Methyl Methacrylate	4.859	69	192210	9.954	ppbv	98
44) 2,2,4-Trimethylpentane	4.616	57	817788	10.610	ppbv	98
45) t-1,3-Dichloropropene	6.386	75	212796	10.272	ppbv	97

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

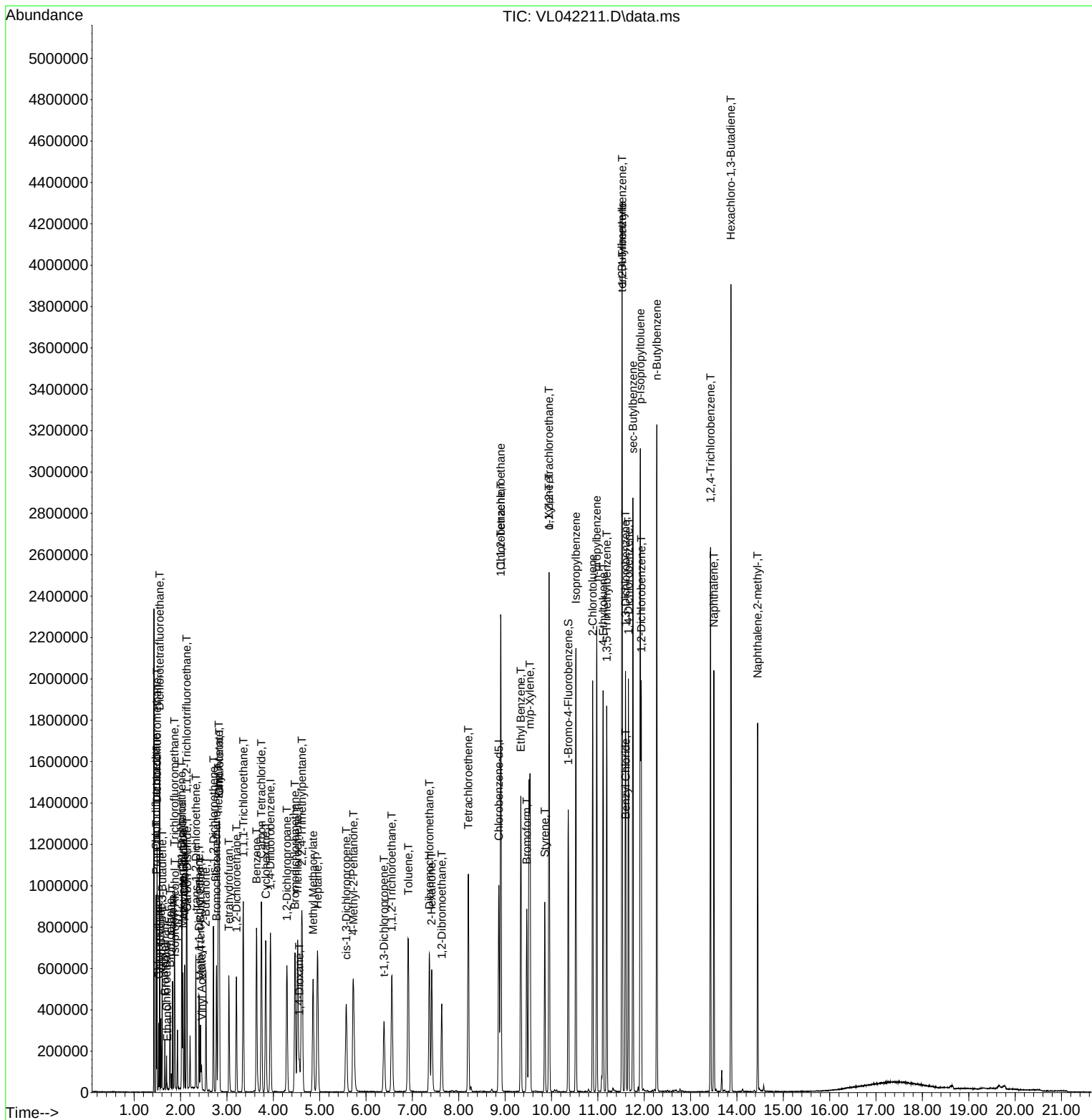
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 ClientSampleId :

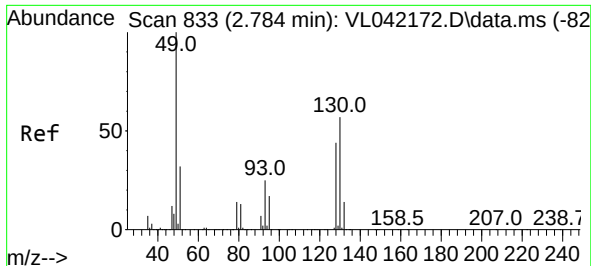
Quant Time: Apr 03 01:41:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.574	75	262520	10.338	ppbv	98
47) 1,1,2-Trichloroethane	6.555	97	194135	11.056	ppbv	92
48) Dibromochloromethane	7.367	129	342757	11.518	ppbv	99
49) Bromoform	9.468	173	294684	11.030	ppbv	99
50) 4-Methyl-2-Pentanone	5.726	43	505465	9.560	ppbv	98
51) 2-Hexanone	7.416	43	401955	9.258	ppbv #	97
52) Tetrachloroethene	8.205	164	176588	9.762	ppbv	92
53) Toluene	6.911	91	566070	10.469	ppbv	100
54) 1,2-Dibromoethane	7.633	107	273624	11.178	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.908	131	264557	11.430	ppbv	99
57) Chlorobenzene	8.905	112	446293	11.190	ppbv	96
58) Ethyl Benzene	9.338	91	806990	10.804	ppbv	100
59) m/p-Xylene	9.536	91	614021	10.295	ppbv #	20
60) o-Xylene	9.947	91	660713	11.051	ppbv	99
61) Styrene	9.856	104	317396	10.730	ppbv	99
62) Isopropylbenzene	10.526	105	994497	11.123	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.947	83	400095	11.014	ppbv	99
64) n-propylbenzene	10.976	120	257771	11.200	ppbv	98
65) tert-Butylbenzene	11.520	119	895028	10.824	ppbv	98
66) Benzyl Chloride	11.604	91	76249	8.690	ppbv	99
67) sec-Butylbenzene	11.756	105	1246274	10.843	ppbv	100
69) p-Isopropyltoluene	11.915	119	1086376	10.977	ppbv	99
70) n-Butylbenzene	12.271	91	1129204	11.157	ppbv	99
71) 2-Chlorotoluene	10.889	91	767022	11.053	ppbv	99
72) 4-Ethyltoluene	11.112	105	827487	11.116	ppbv	99
73) 1,3,5-Trimethylbenzene	11.193	105	717175	11.031	ppbv	97
74) 1,2,4-Trimethylbenzene	11.526	105	782472	10.447	ppbv	97
75) 1,3-Dichlorobenzene	11.597	146	458806	11.168	ppbv	100
76) 1,4-Dichlorobenzene	11.659	146	460192	11.256	ppbv	100
77) 1,2-Dichlorobenzene	11.937	146	452758	11.319	ppbv	99
78) Hexachloro-1,3-Butadiene	13.870	225	386126	9.484	ppbv	99
79) Naphthalene	13.504	128	938531	11.455	ppbv	99
80) Naphthalene,2-methyl-	14.446	142	480160	11.951	ppbv	97
81) 1,2,4-Trichlorobenzene	13.429	180	418383	11.071	ppbv	99

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

Quant Time: Apr 03 01:41:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

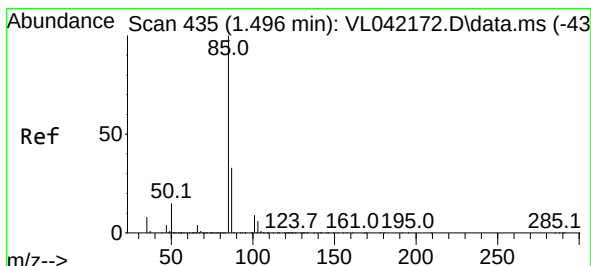
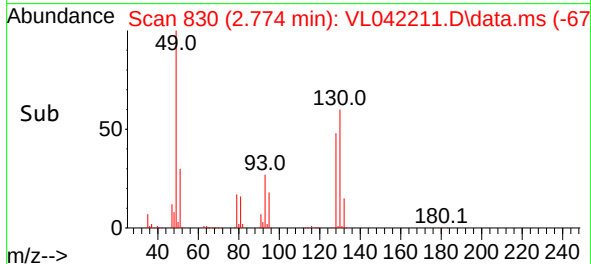
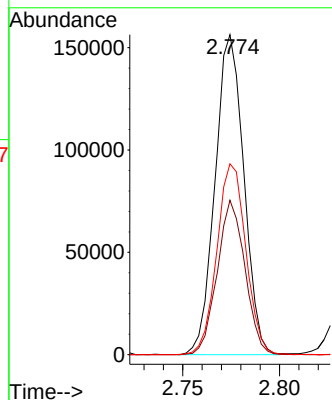
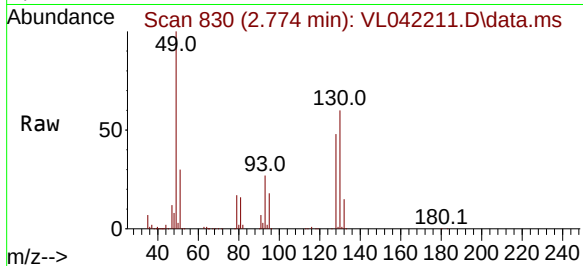




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

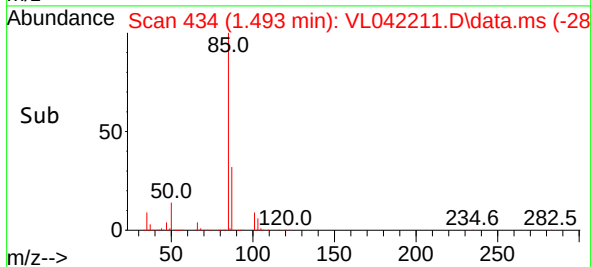
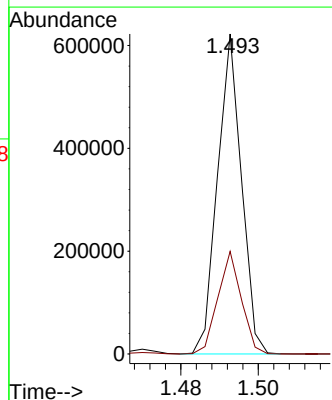
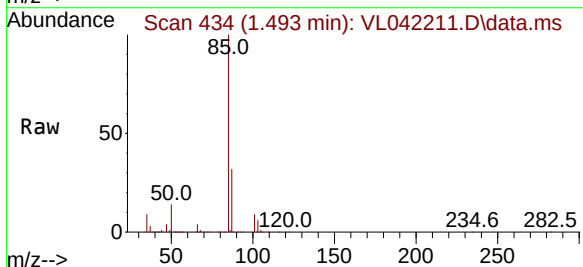
Instrument :
MSVOA_L
ClientSampleId :

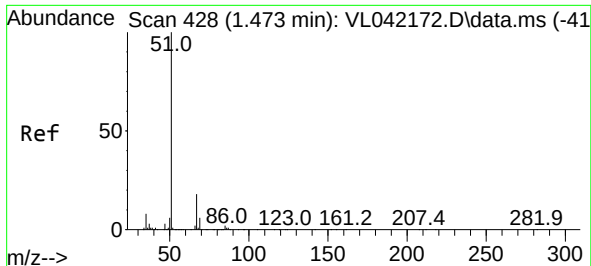
Tgt Ion: 49 Resp: 161260
Ion Ratio Lower Upper
49 100
128 46.6 22.9 68.5
130 60.2 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 11.227 ppbv
RT: 1.493 min Scan# 434
Delta R.T. -0.003 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 85 Resp: 267318
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1

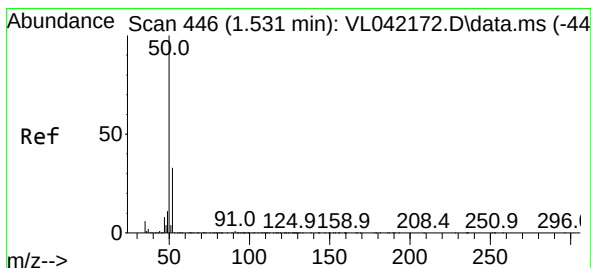
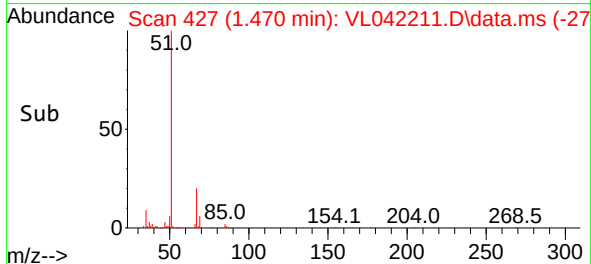
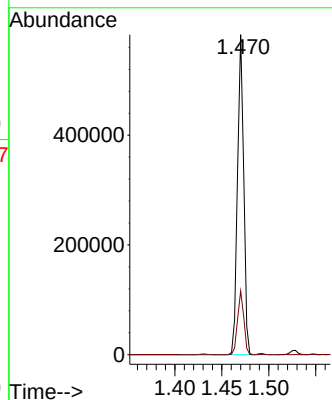
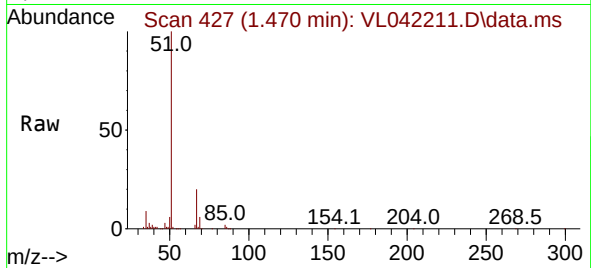




#3
Chlorodifluoromethane
Concen: 11.068 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

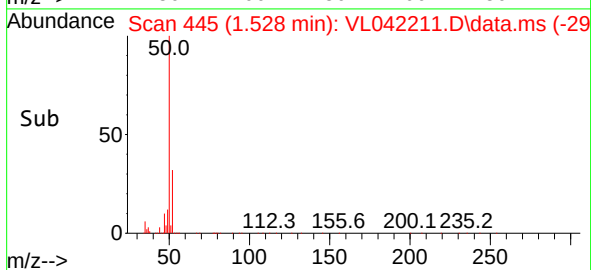
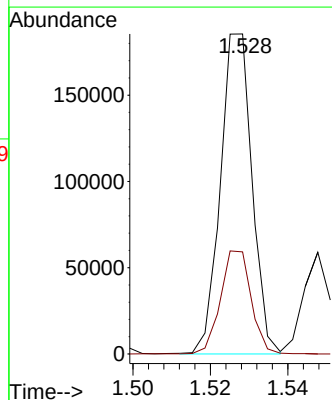
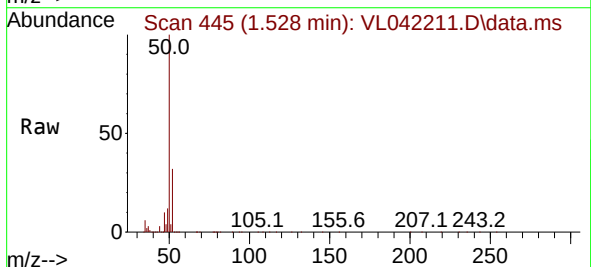
Instrument :
MSVOA_L
ClientSampleId :

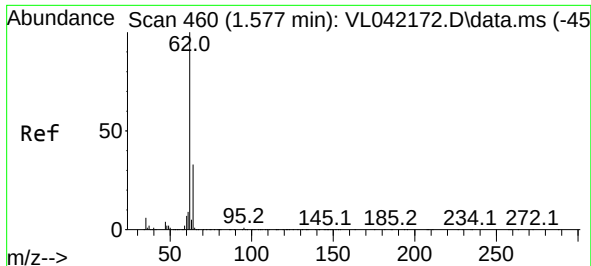
Tgt Ion: 51 Resp: 269207
Ion Ratio Lower Upper
51 100
67 20.3 15.0 22.6



#4
Chloromethane
Concen: 10.831 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.003 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 50 Resp: 105392
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

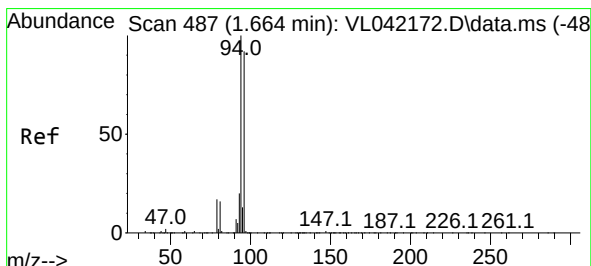
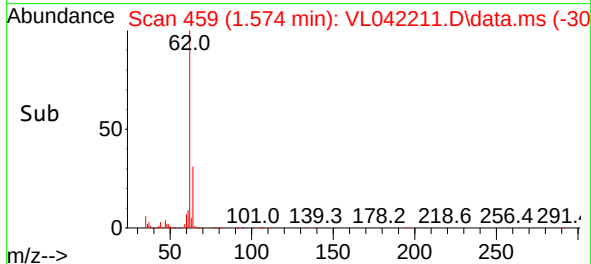
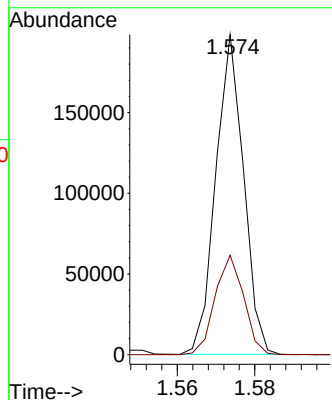
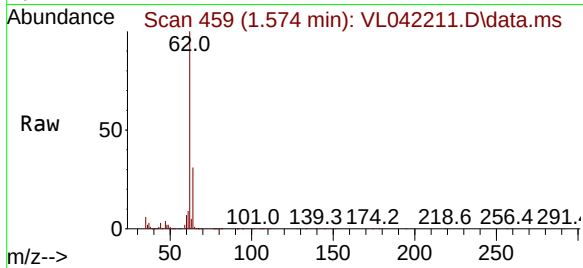




#5
 Vinyl Chloride
 Concen: 9.596 ppbv
 RT: 1.574 min Scan# 4
 Delta R.T. -0.003 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

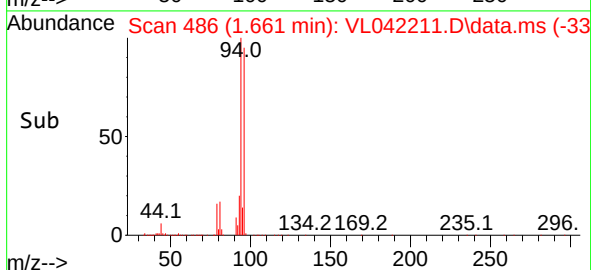
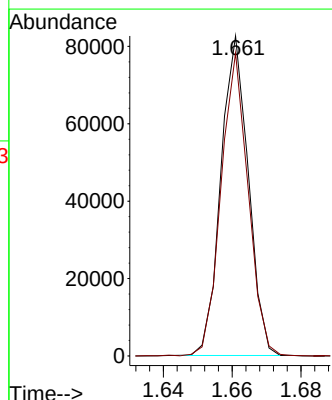
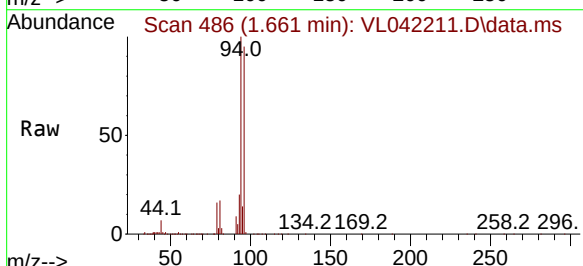
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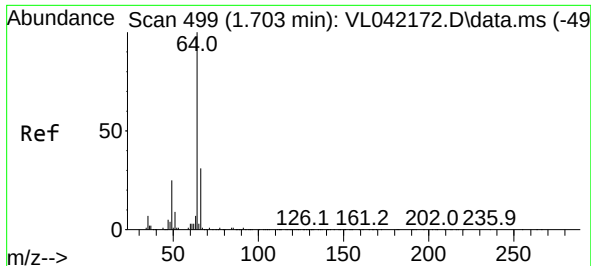
Tgt Ion: 62 Resp: 98946
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.6 40.0



#6
 Bromomethane
 Concen: 10.378 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.003 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

Tgt Ion: 94 Resp: 45763
 Ion Ratio Lower Upper
 94 100
 96 94.7 73.1 109.7

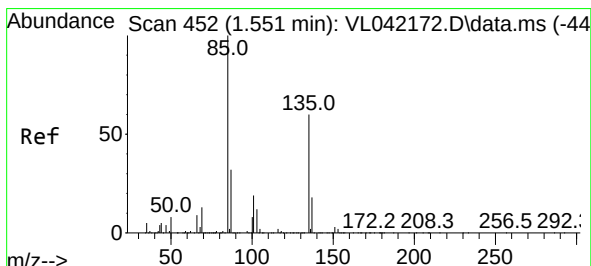
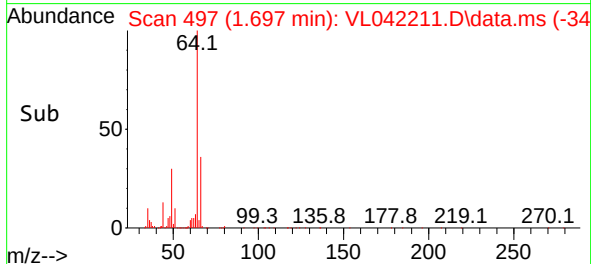
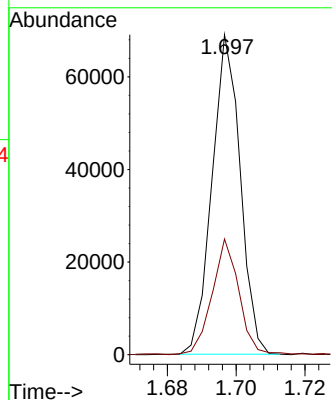
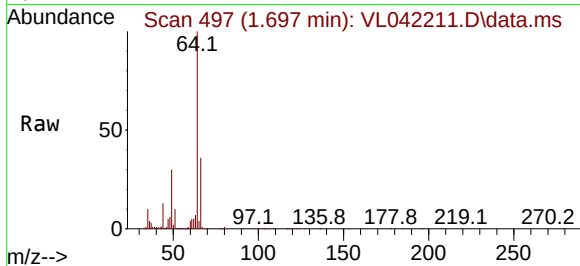




#7
Chloroethane
Concen: 10.059 ppbv
RT: 1.697 min Scan# 499
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

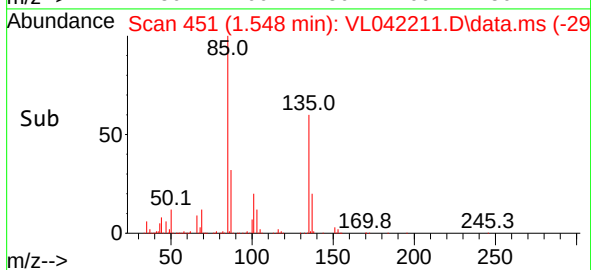
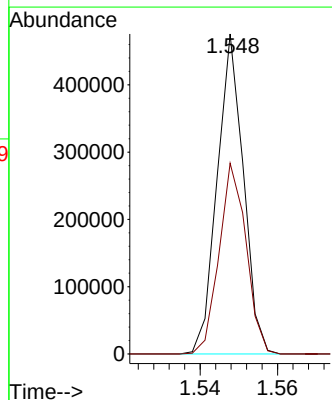
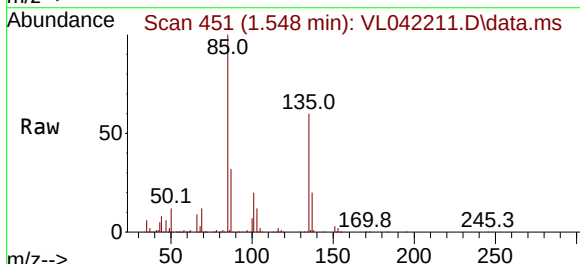
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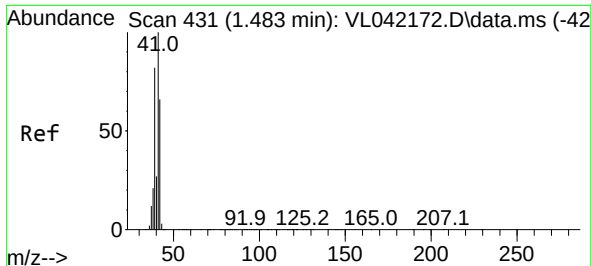
Tgt Ion: 64 Resp: 39291
Ion Ratio Lower Upper
64 100
66 36.2 25.2 37.8



#8
Dichlorotetrafluoroethane
Concen: 11.037 ppbv
RT: 1.548 min Scan# 451
Delta R.T. -0.003 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 85 Resp: 223786
Ion Ratio Lower Upper
85 100
135 61.4 52.4 78.6

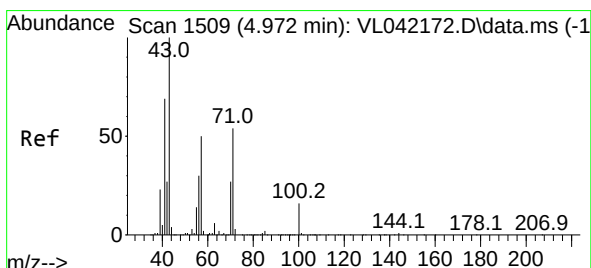
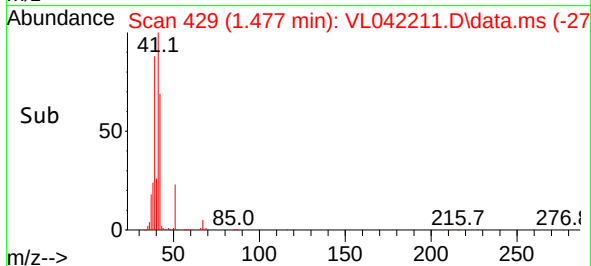
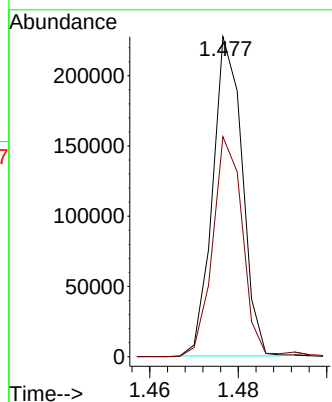
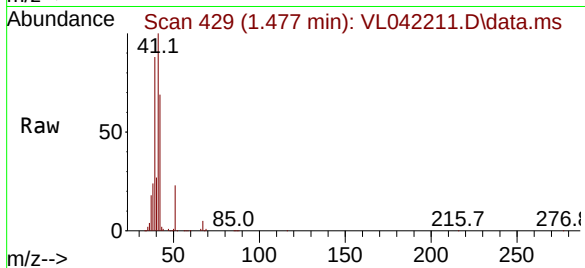




#9
Propene
Concen: 9.448 ppbv
RT: 1.477 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

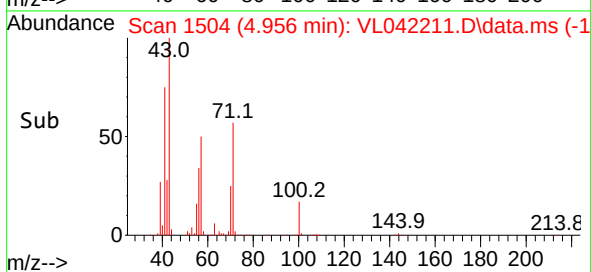
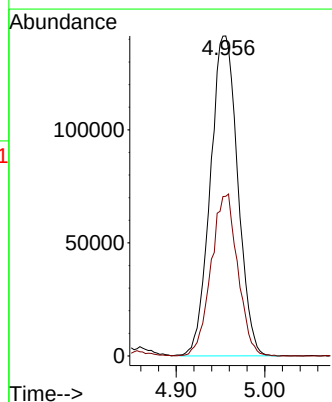
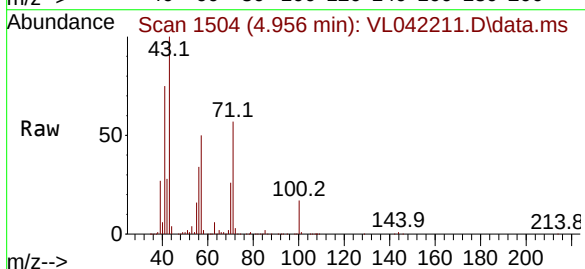
Instrument :
MSVOA_L
ClientSampleId :

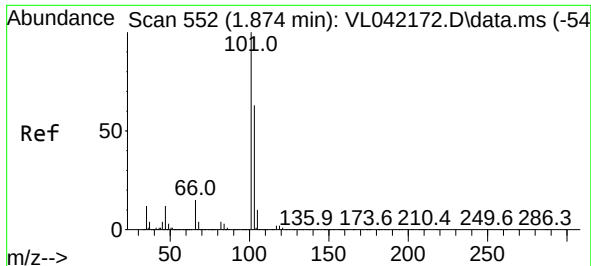
Tgt Ion: 41 Resp: 105335
Ion Ratio Lower Upper
41 100
42 70.9 55.4 83.2



#10
Heptane
Concen: 10.267 ppbv
RT: 4.956 min Scan# 1504
Delta R.T. -0.016 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 43 Resp: 304455
Ion Ratio Lower Upper
43 100
57 49.2 39.4 59.2

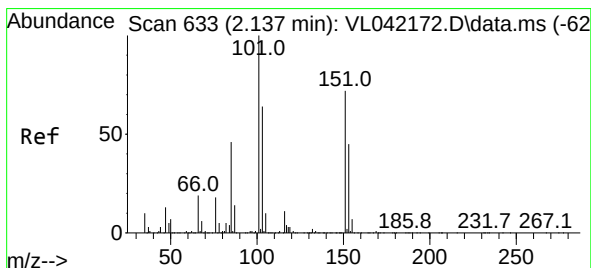
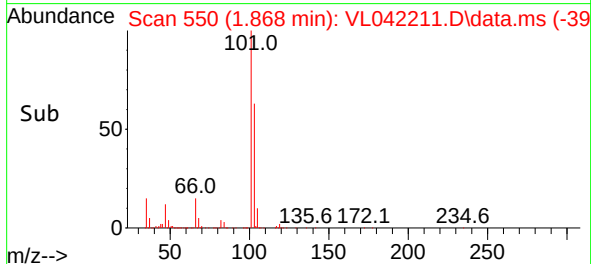
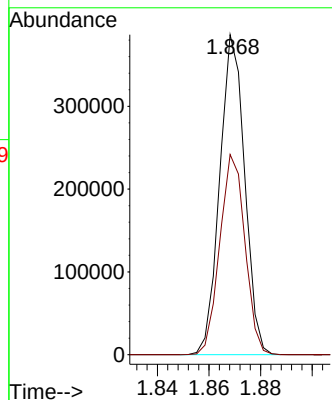
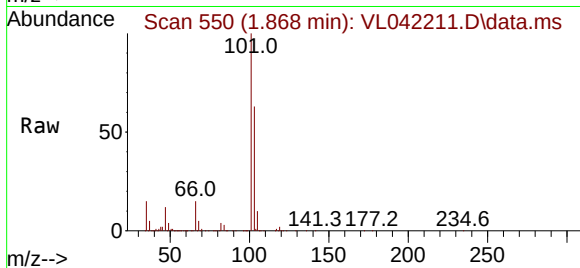




#11
 Trichlorofluoromethane
 Concen: 11.180 ppbv
 RT: 1.868 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

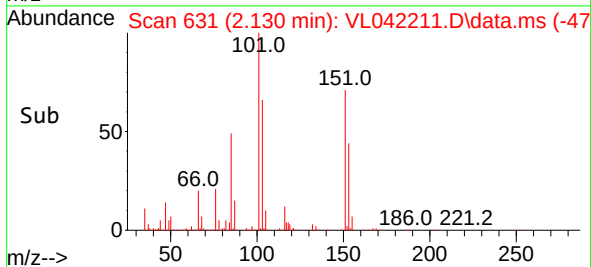
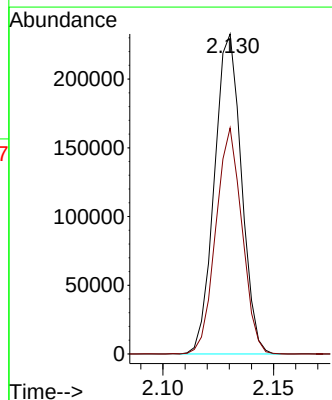
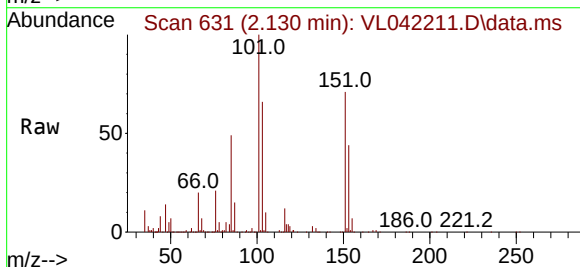
Instrument :
 MSVOA_L
 ClientSampleId :

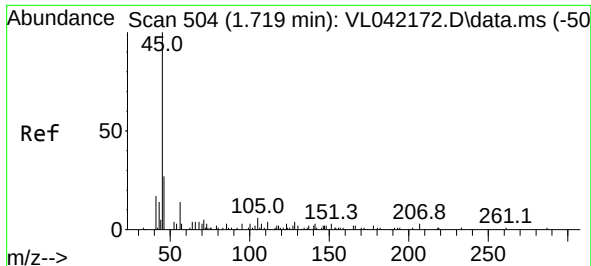
Tgt Ion:101 Resp: 259016
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.381 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

Tgt Ion:101 Resp: 197679
 Ion Ratio Lower Upper
 101 100
 151 68.7 57.1 85.7

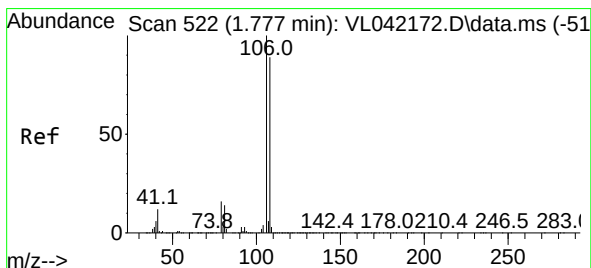
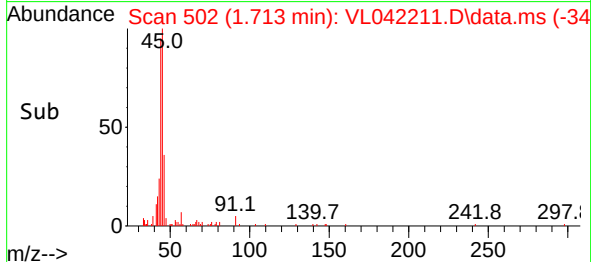
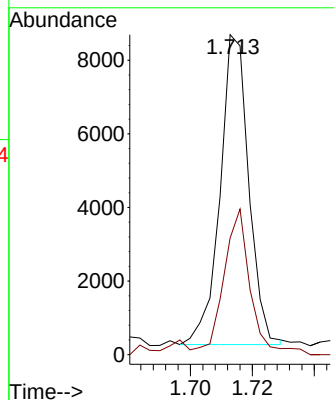
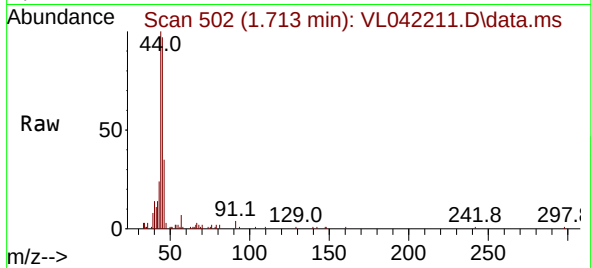




#13
 Ethanol
 Concen: 5.147 ppbv
 RT: 1.713 min Scan# 504
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

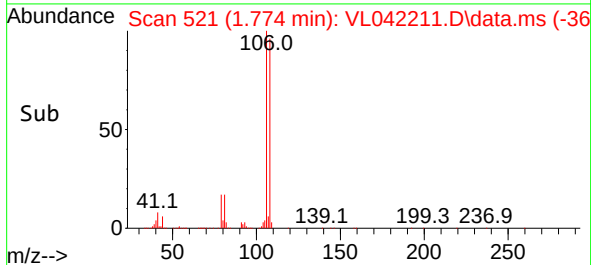
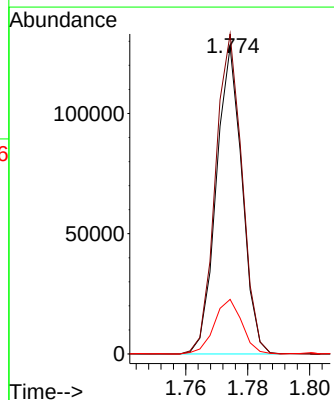
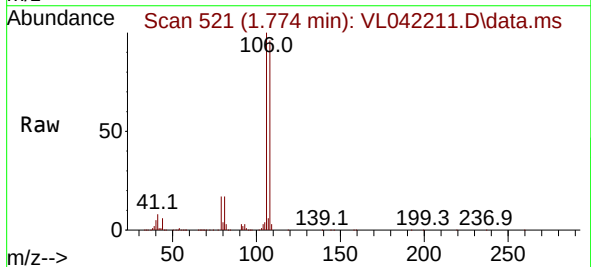
Instrument :
 MSVOA_L
 ClientSampleId :

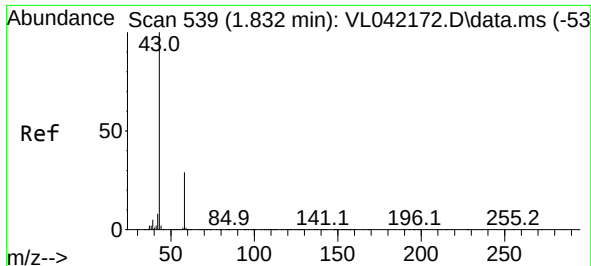
Tgt Ion: 45 Resp: 5425
 Ion Ratio Lower Upper
 45 100
 46 48.0 20.2 80.8



#14
 Bromoethene
 Concen: 10.150 ppbv
 RT: 1.774 min Scan# 521
 Delta R.T. -0.003 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

Tgt Ion: 108 Resp: 74043
 Ion Ratio Lower Upper
 108 100
 106 107.0 86.8 130.2
 79 19.6 15.0 22.6





#15

Acetone

Concen: 9.641 ppbv

RT: 1.826 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

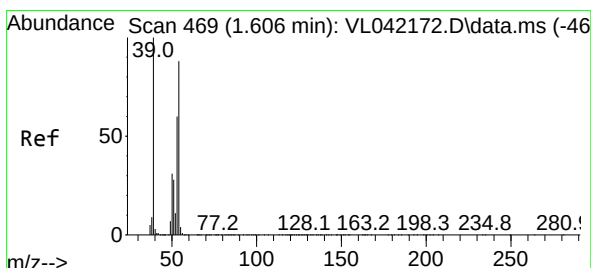
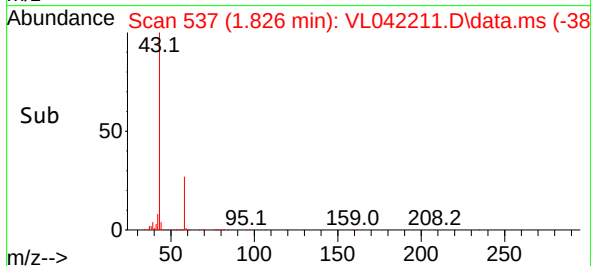
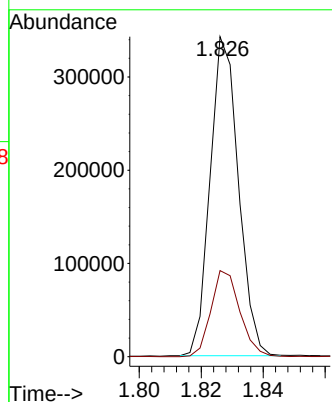
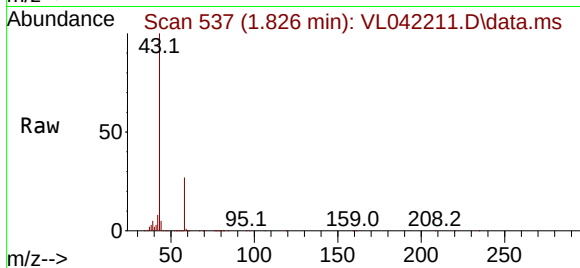
ClientSampleId :

Tgt Ion: 43 Resp: 217441

Ion Ratio Lower Upper

43 100

58 27.7 23.2 34.8



#16

1,3-Butadiene

Concen: 9.556 ppbv

RT: 1.603 min Scan# 468

Delta R.T. -0.003 min

Lab File: VL042211.D

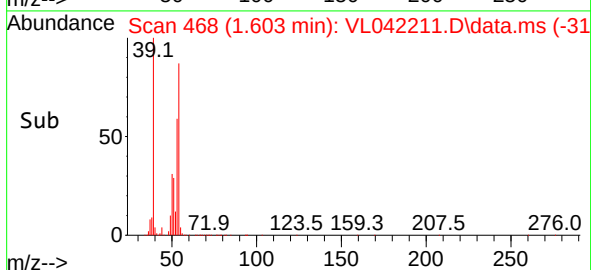
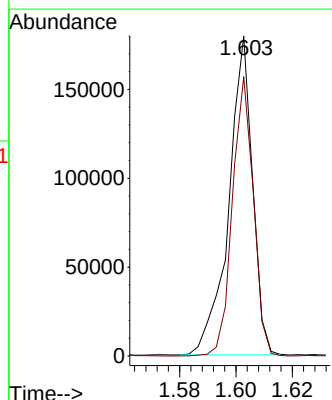
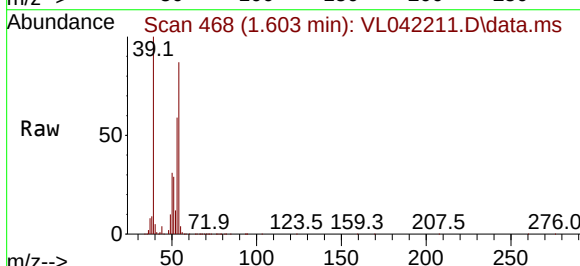
Acq: 02 Apr 2025 08:37

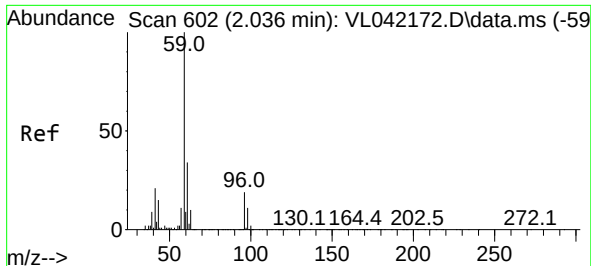
Tgt Ion: 39 Resp: 105246

Ion Ratio Lower Upper

39 100

54 77.5 60.7 91.1





#17

tert-Butyl alcohol

Concen: 9.971 ppbv

RT: 2.033 min Scan# 602

Delta R.T. -0.003 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

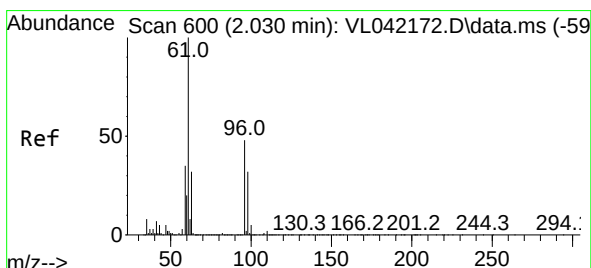
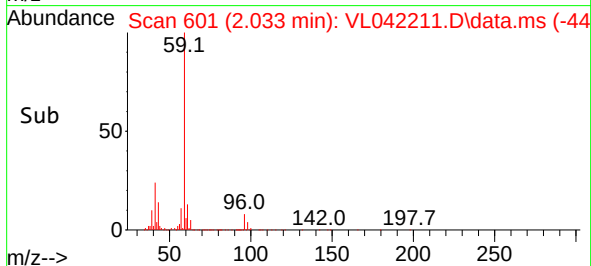
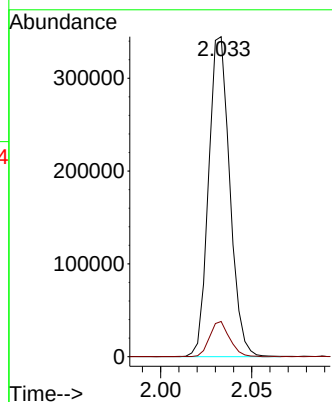
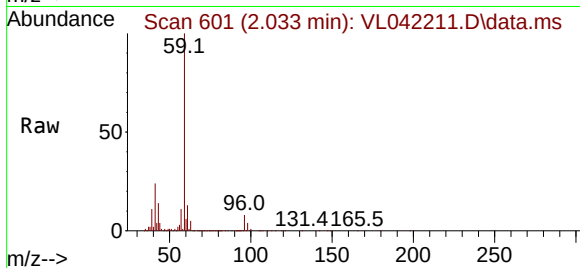
ClientSampleId :

Tgt Ion: 59 Resp: 280076

Ion Ratio Lower Upper

59 100

57 10.5 8.9 13.3



#18

1,1-Dichloroethene

Concen: 10.207 ppbv

RT: 2.023 min Scan# 598

Delta R.T. -0.006 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

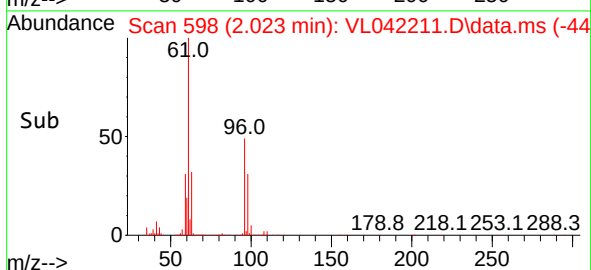
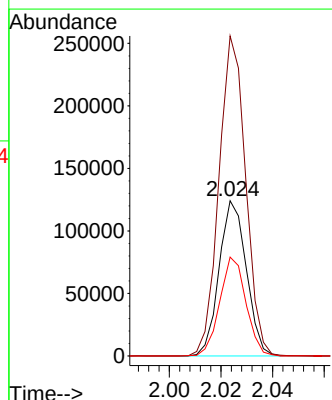
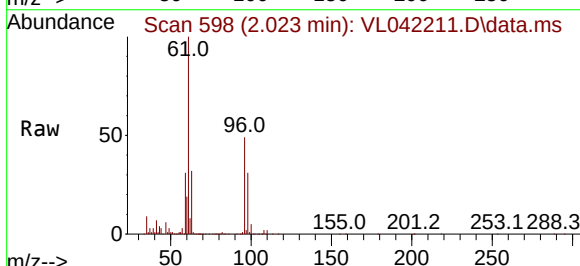
Tgt Ion: 96 Resp: 90865

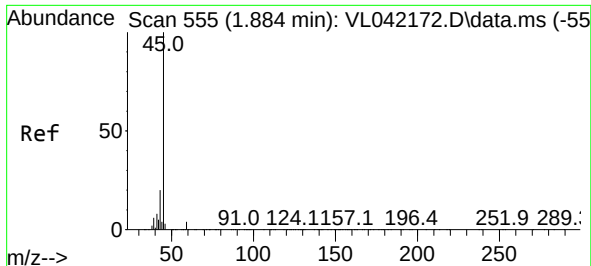
Ion Ratio Lower Upper

96 100

61 206.1 167.6 251.4

98 63.7 53.5 80.3

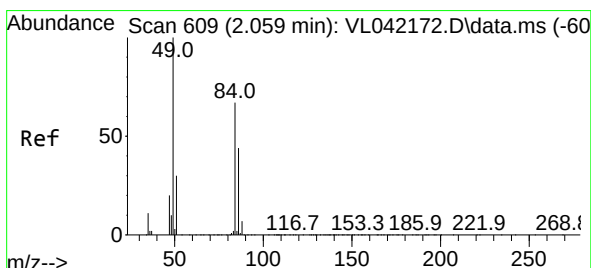
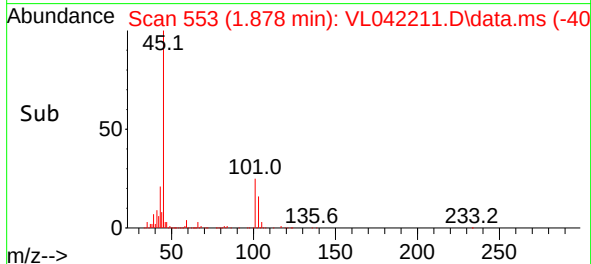
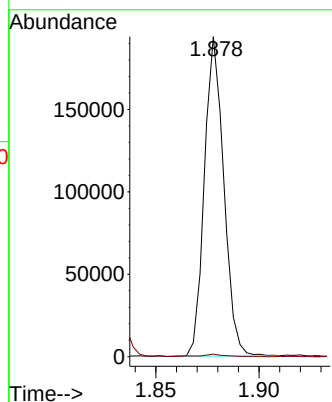
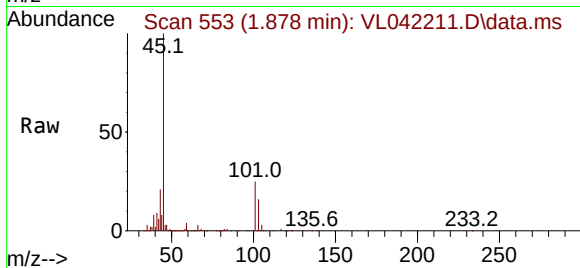




#19
Isopropyl Alcohol
Concen: 9.937 ppbv
RT: 1.878 min Scan# 511
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

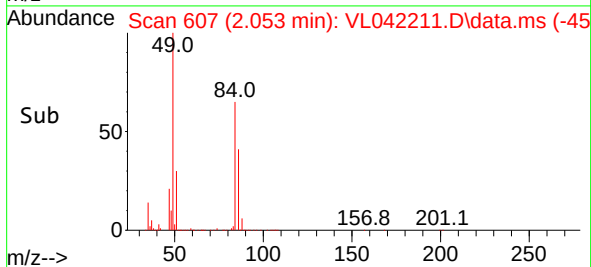
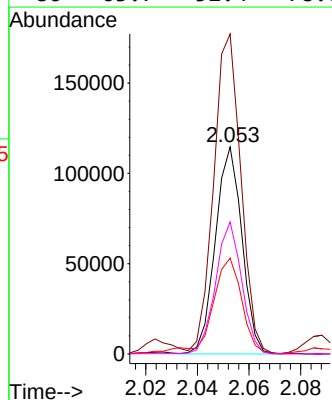
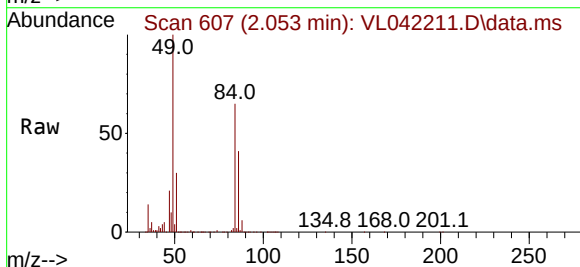
Instrument :
MSVOA_L
ClientSampleId :

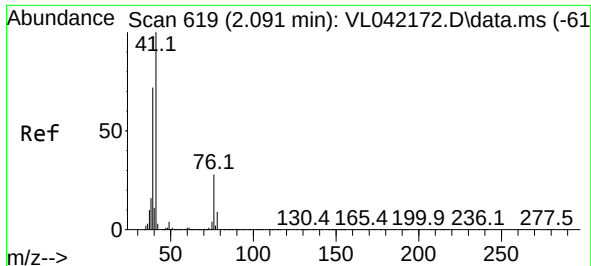
Tgt Ion: 45 Resp: 126448
Ion Ratio Lower Upper
45 100
58 47.4 36.9 55.3



#20
Methylene Chloride
Concen: 9.765 ppbv
RT: 2.053 min Scan# 607
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 84 Resp: 82026
Ion Ratio Lower Upper
84 100
49 154.2 120.2 180.4
51 46.1 37.4 56.0
86 63.7 52.4 78.6

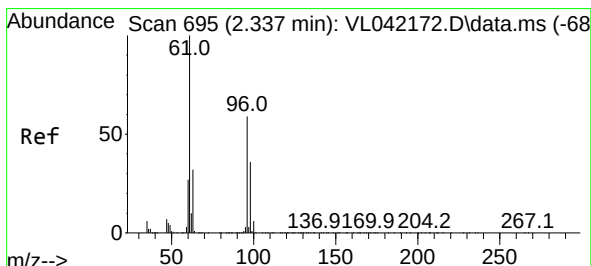
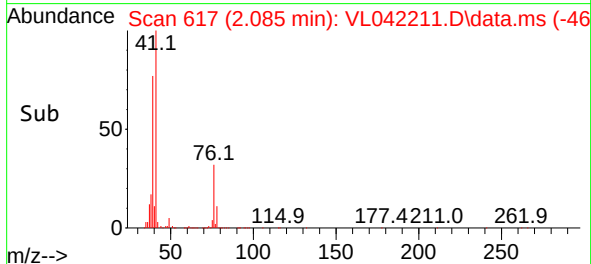
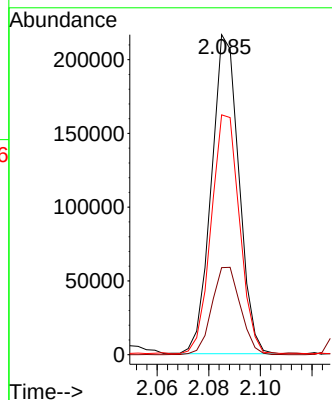
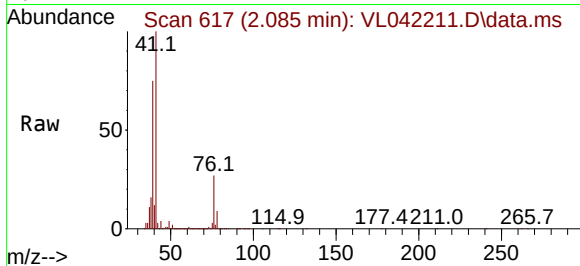




#21
 Allyl Chloride
 Concen: 10.081 ppbv
 RT: 2.085 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

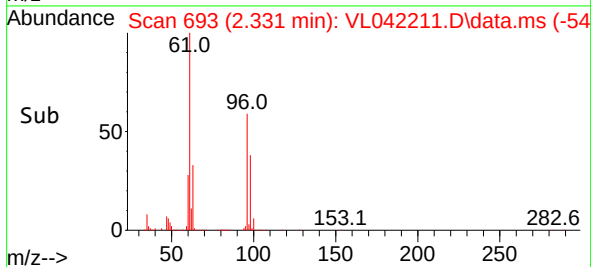
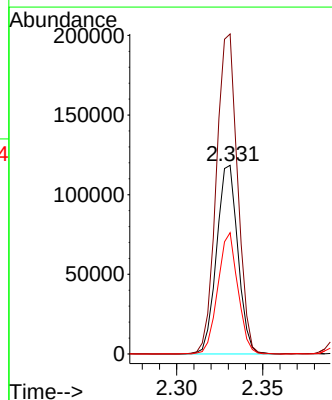
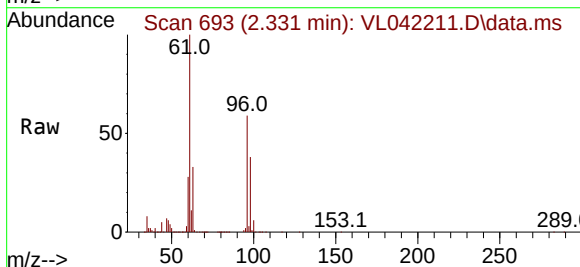
Instrument :
 MSVOA_L
 ClientSampleId :

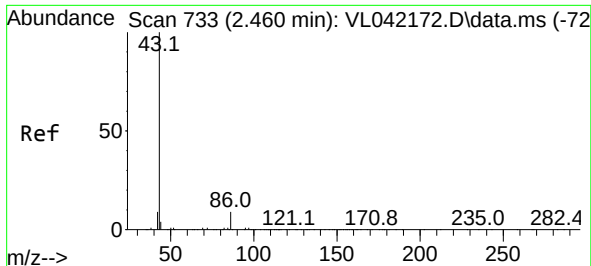
Tgt Ion: 41 Resp: 160348
 Ion Ratio Lower Upper
 41 100
 76 28.4 24.1 36.1
 39 77.2 61.1 91.7



#22
 trans-1,2-Dichloroethene
 Concen: 9.900 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

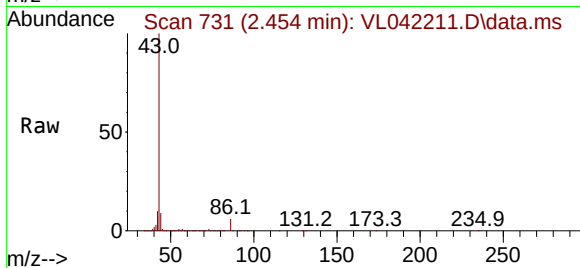
Tgt Ion: 96 Resp: 101863
 Ion Ratio Lower Upper
 96 100
 61 169.6 136.6 204.8
 98 64.3 49.4 74.2



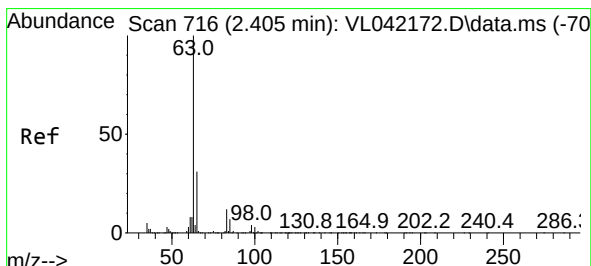
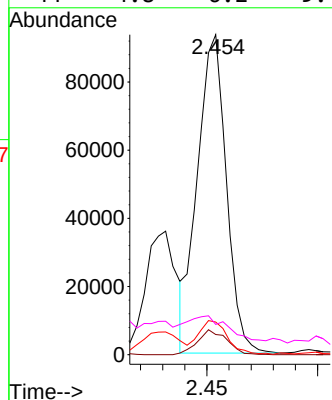
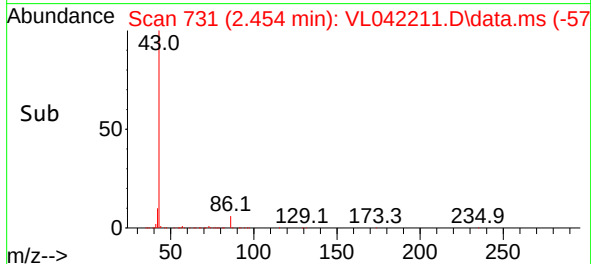


#23
 Vinyl Acetate
 Concen: 8.705 ppbv
 RT: 2.454 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

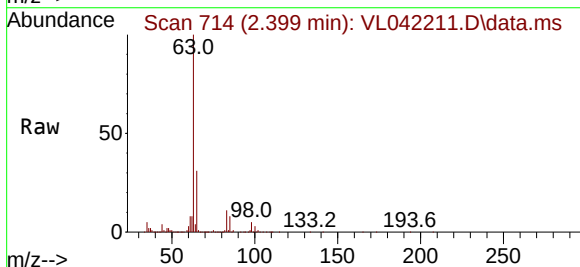
Instrument :
 MSVOA_L
 ClientSampleId :



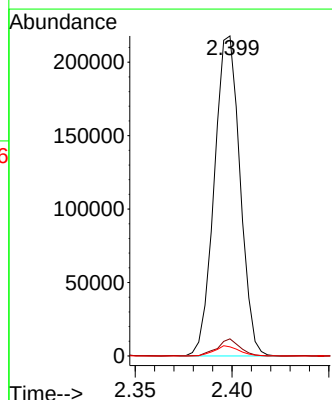
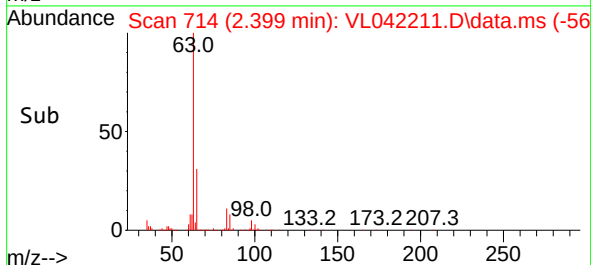
Tgt Ion: 43 Resp: 84973
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.5 8.3
 42 9.7 8.6 13.0
 44 4.8 6.2 9.4#

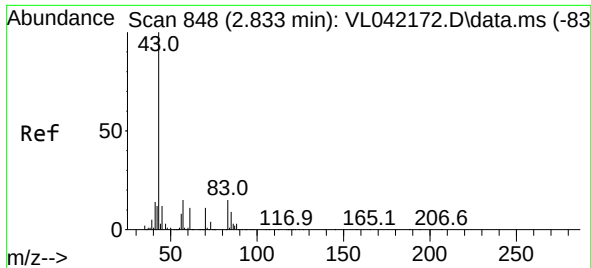


#24
 1,1-Dichloroethane
 Concen: 10.558 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37



Tgt Ion: 63 Resp: 201368
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.3 6.8
 100 2.8 1.6 4.7

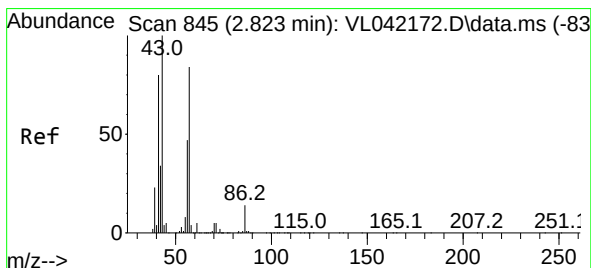
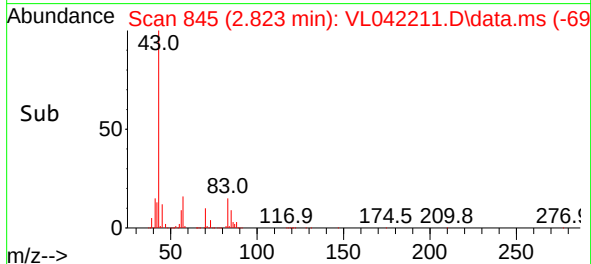
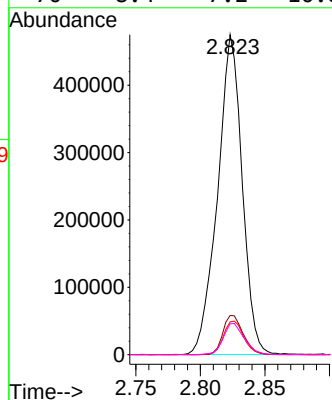
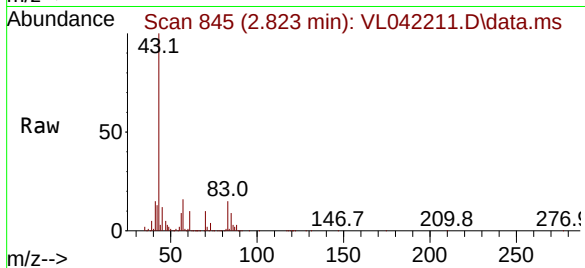




#25
Ethyl Acetate
Concen: 10.710 ppbv
RT: 2.823 min Scan# 841
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

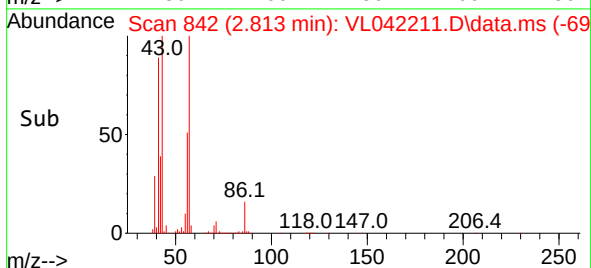
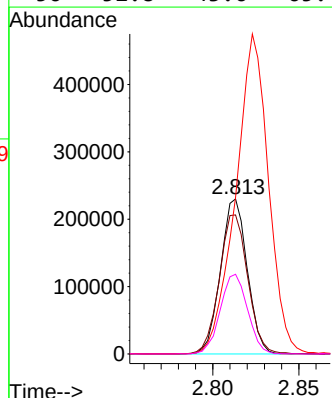
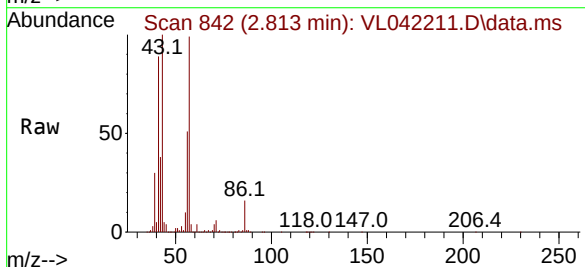
Instrument :
MSVOA_L
ClientSampleId :

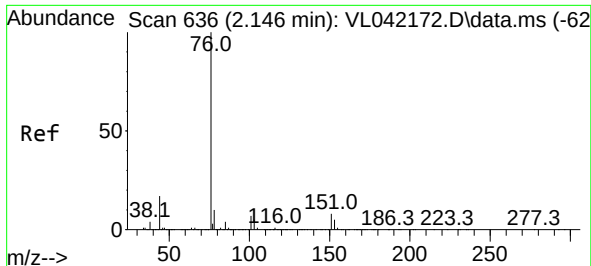
Tgt Ion:	43	Resp:	626906
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	8.7	7.3	10.9
70	8.4	7.2	10.8



#26
Hexane
Concen: 10.957 ppbv
RT: 2.813 min Scan# 842
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion:	57	Resp:	247723
Ion	Ratio	Lower	Upper
57	100		
41	96.0	76.6	114.8
43	254.2	207.8	311.8
56	52.8	43.6	65.4

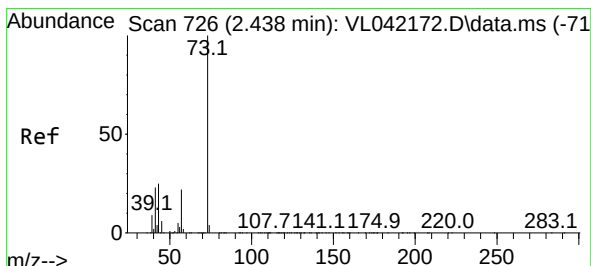
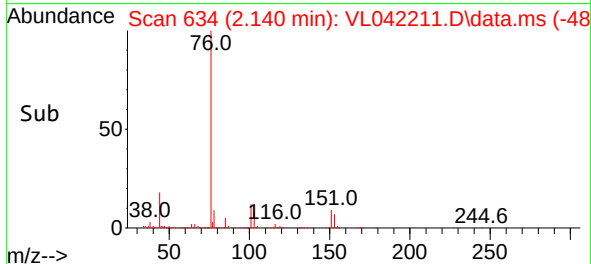
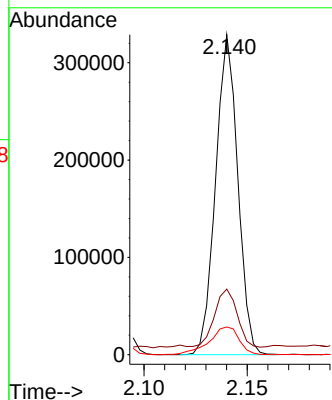
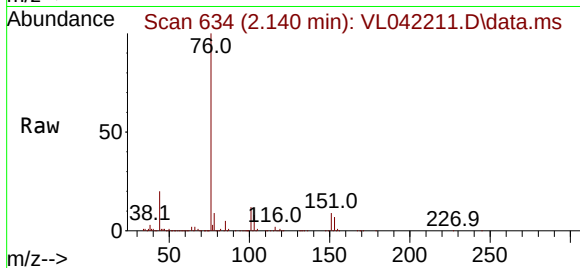




#27
Carbon Disulfide
Concen: 10.130 ppbv
RT: 2.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

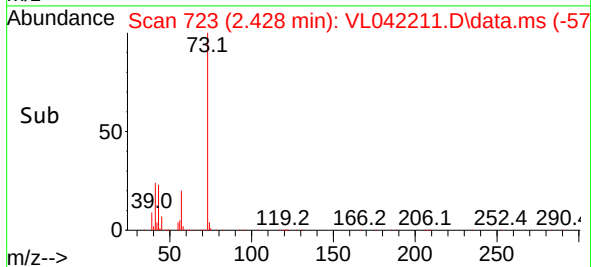
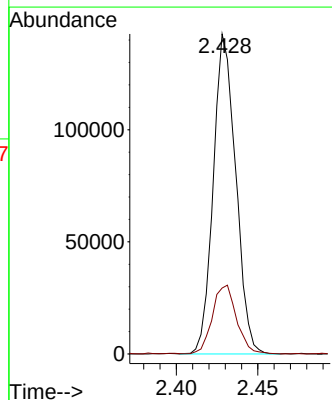
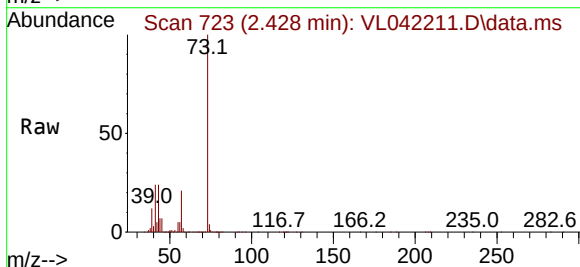
Instrument :
MSVOA_L
ClientSampleId :

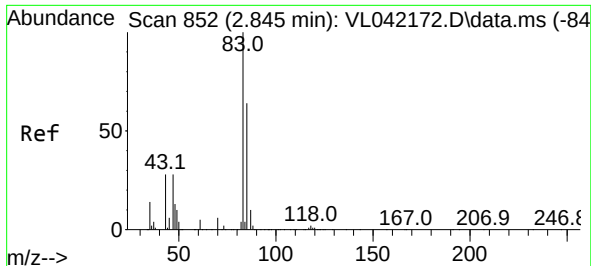
Tgt Ion: 76 Resp: 245604
Ion Ratio Lower Upper
76 100
44 18.2 14.7 22.1
78 11.7 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 9.710 ppbv
RT: 2.428 min Scan# 723
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

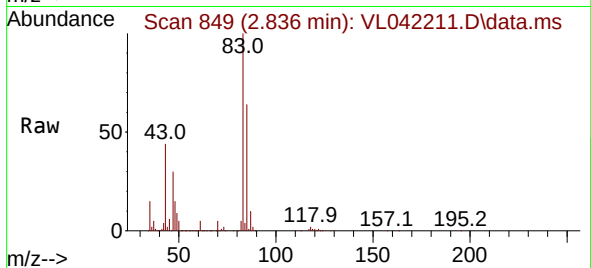
Tgt Ion: 73 Resp: 136685
Ion Ratio Lower Upper
73 100
57 23.3 20.5 30.7



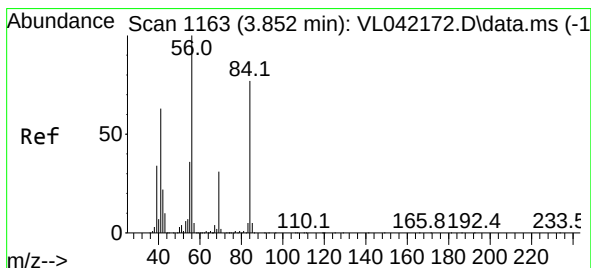
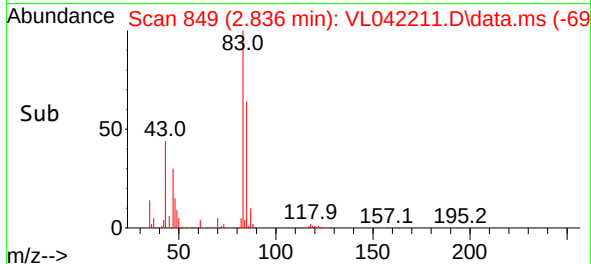
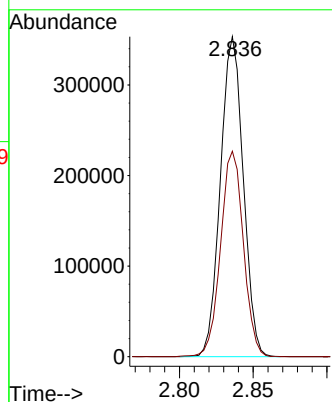


#29
Chloroform
Concen: 11.505 ppbv
RT: 2.836 min Scan# 84
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :

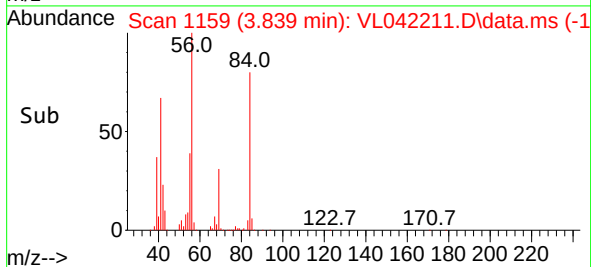
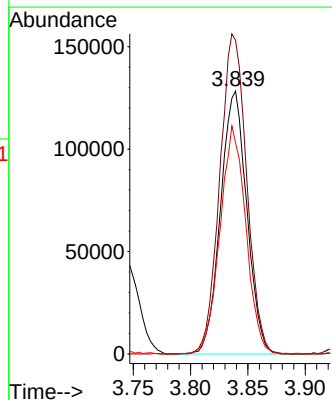
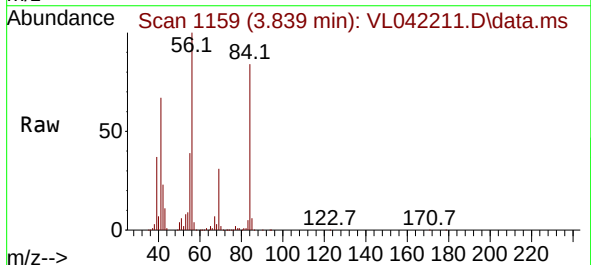


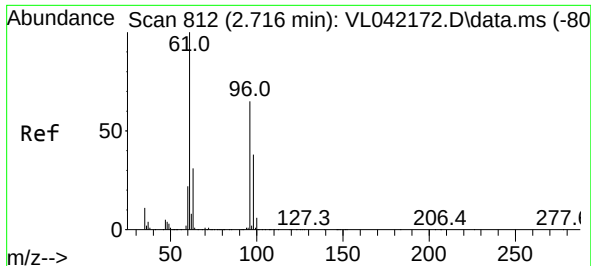
Tgt Ion: 83 Resp: 380694
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2



#30
Cyclohexane
Concen: 10.425 ppbv
RT: 3.839 min Scan# 1159
Delta R.T. -0.013 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 84 Resp: 204664
Ion Ratio Lower Upper
84 100
56 124.2 102.8 154.2
41 85.3 66.5 99.7

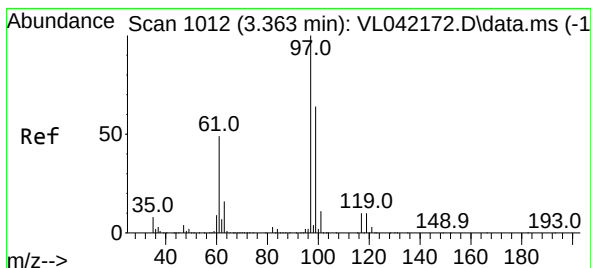
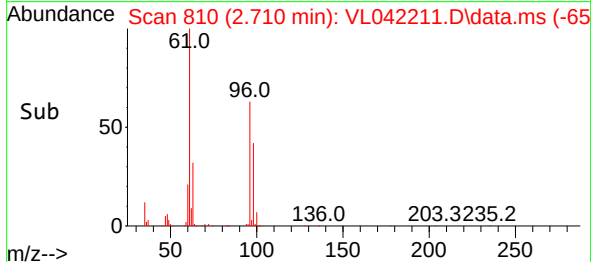
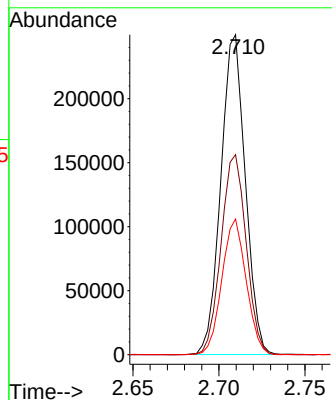
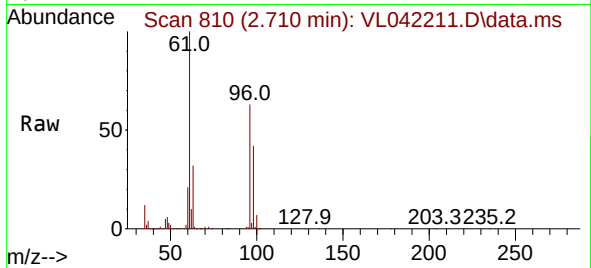




#31
 cis-1,2-Dichloroethene
 Concen: 10.779 ppbv
 RT: 2.710 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

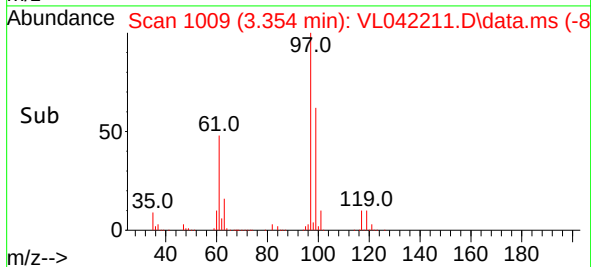
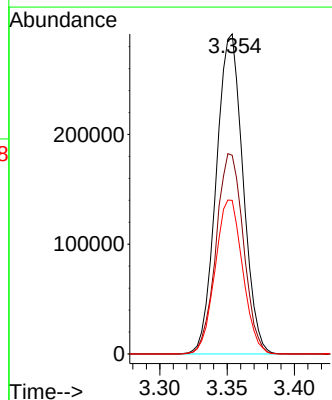
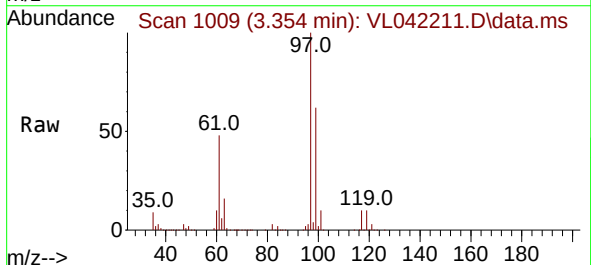
Instrument :
 MSVOA_L
 ClientSampleId :

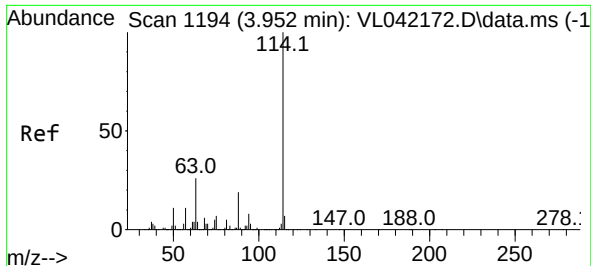
Tgt Ion: 61 Resp: 247426
 Ion Ratio Lower Upper
 61 100
 96 62.5 51.8 77.8
 98 42.4 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 10.652 ppbv
 RT: 3.354 min Scan# 1009
 Delta R.T. -0.010 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

Tgt Ion: 97 Resp: 403528
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.5 77.3
 61 49.6 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.936 min Scan# 1189

Delta R.T. -0.016 min

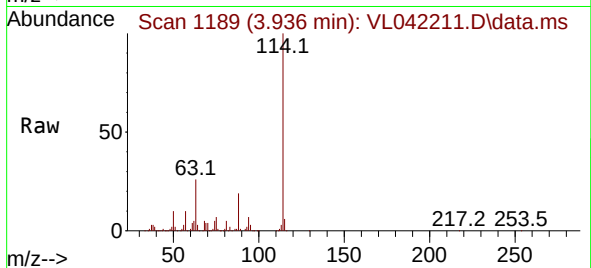
Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :



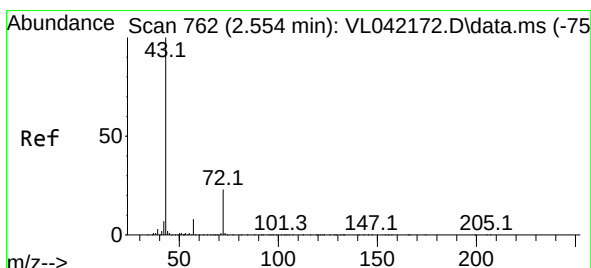
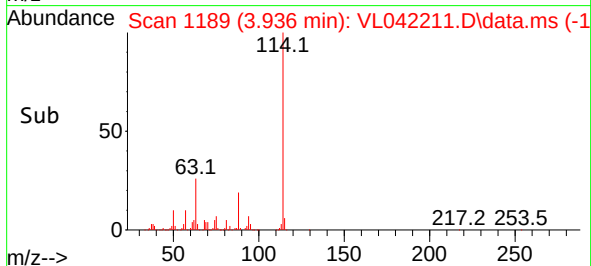
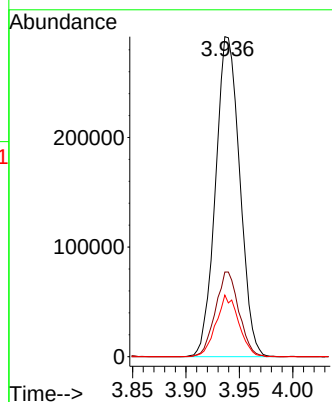
Tgt Ion:114 Resp: 460090

Ion Ratio Lower Upper

114 100

63 25.8 20.7 31.1

88 18.1 15.0 22.4



#34

2-Butanone

Concen: 10.614 ppbv

RT: 2.545 min Scan# 759

Delta R.T. -0.010 min

Lab File: VL042211.D

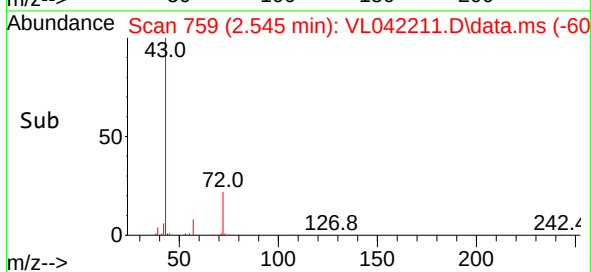
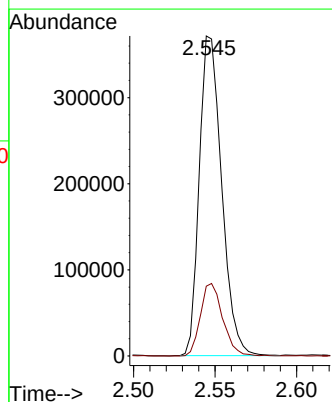
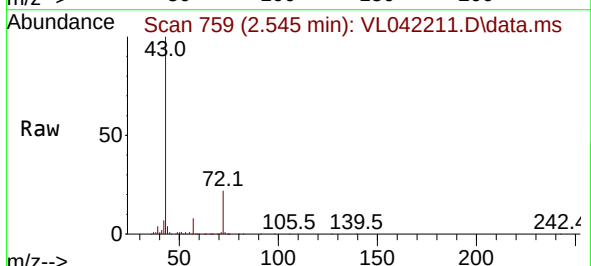
Acq: 02 Apr 2025 08:37

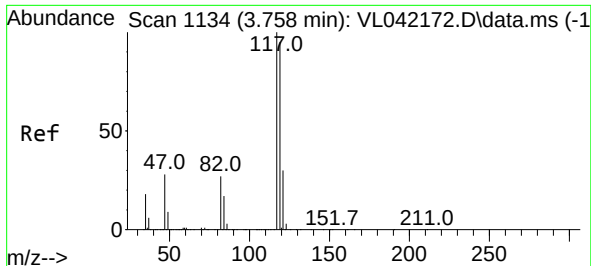
Tgt Ion: 43 Resp: 354111

Ion Ratio Lower Upper

43 100

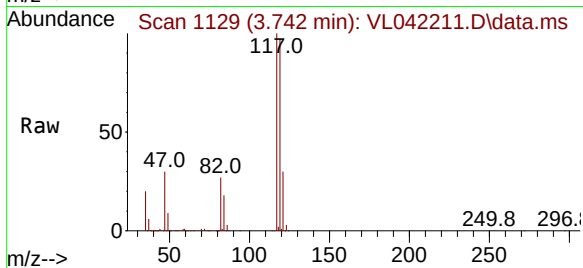
72 22.7 18.2 27.2



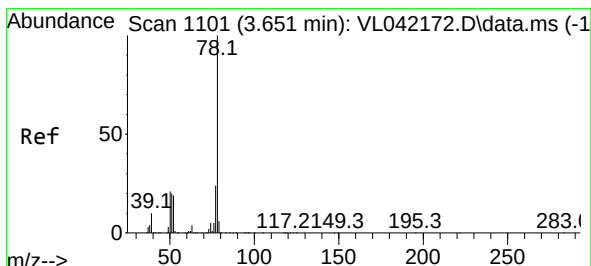
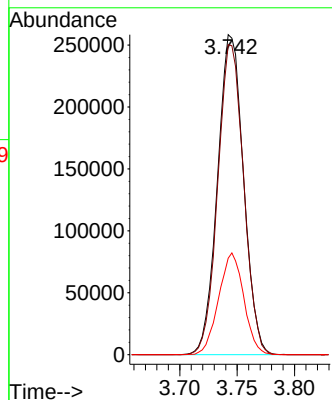
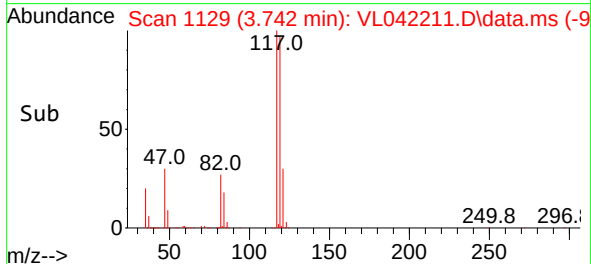


#35
Carbon Tetrachloride
Concen: 11.335 ppbv
RT: 3.742 min Scan# 1129
Delta R.T. -0.016 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

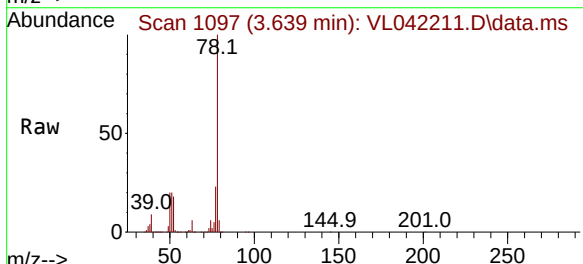
Instrument :
MSVOA_L
ClientSampleId :



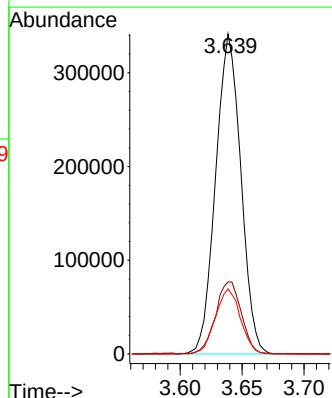
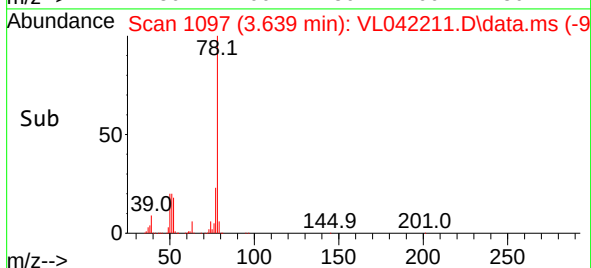
Tgt Ion:117 Resp: 407397
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.2
121 30.1 24.2 36.4

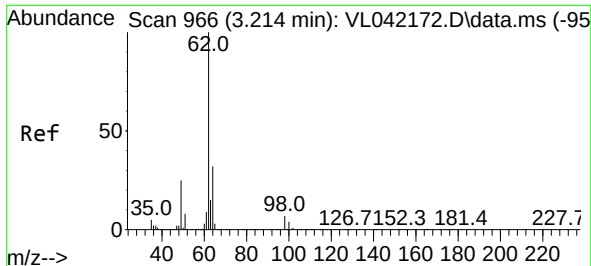


#36
Benzene
Concen: 10.597 ppbv
RT: 3.639 min Scan# 1097
Delta R.T. -0.013 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37



Tgt Ion: 78 Resp: 483334
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7
50 20.3 16.6 24.8

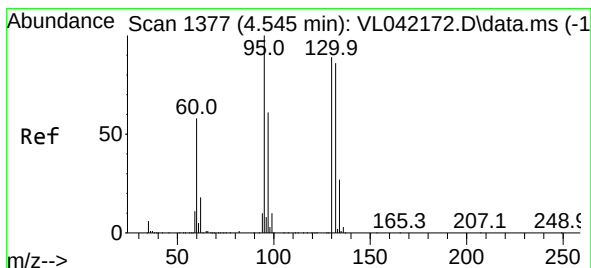
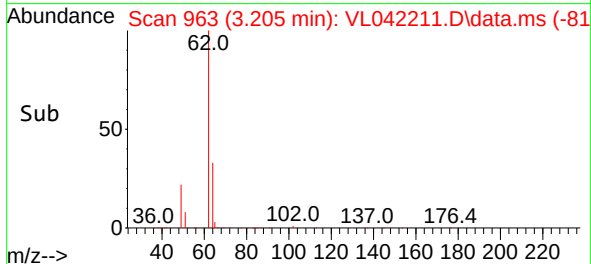
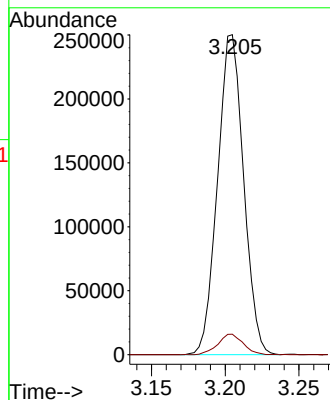
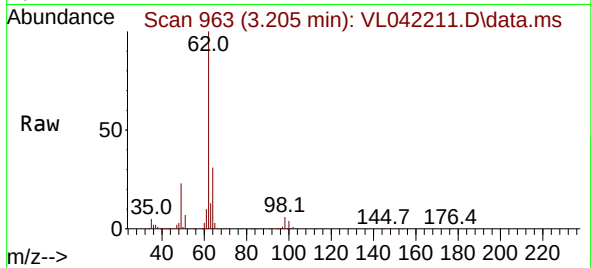




#37
1,2-Dichloroethane
Concen: 11.774 ppbv
RT: 3.205 min Scan# 90
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

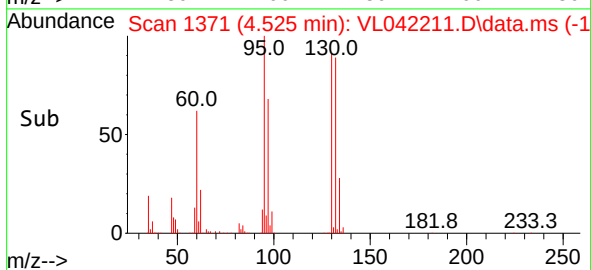
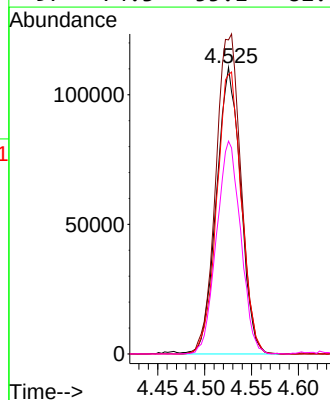
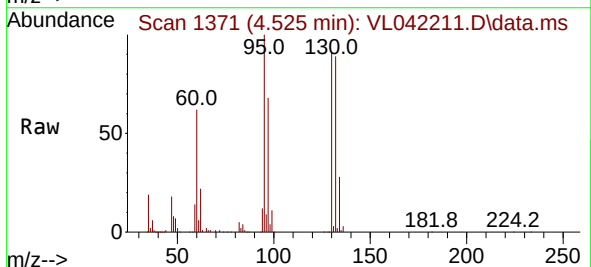
Instrument :
MSVOA_L
ClientSampleId :

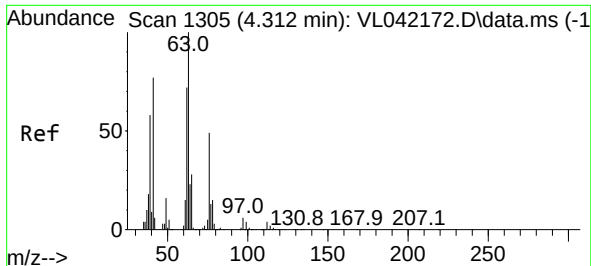
Tgt Ion: 62 Resp: 307462
Ion Ratio Lower Upper
62 100
98 6.2 5.4 8.2



#38
Trichloroethene
Concen: 10.461 ppbv
RT: 4.525 min Scan# 1371
Delta R.T. -0.019 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion:130 Resp: 199094
Ion Ratio Lower Upper
130 100
95 109.6 89.8 134.8
132 97.5 77.4 116.2
97 74.3 55.1 82.7





#39

1,2-Dichloropropane

Concen: 10.672 ppbv

RT: 4.292 min Scan# 1299

Delta R.T. -0.019 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

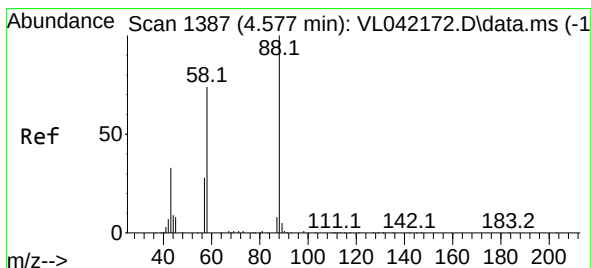
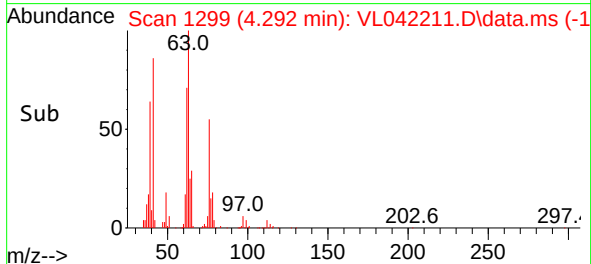
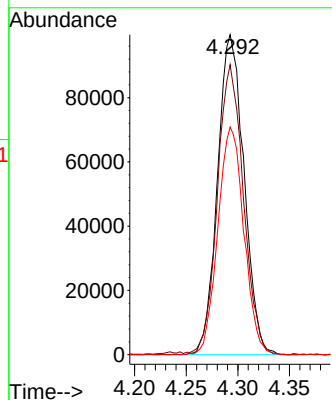
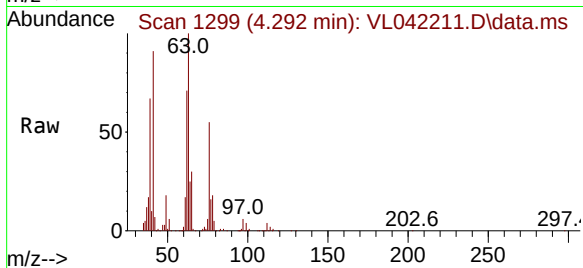
Tgt Ion: 63 Resp: 177282

Ion Ratio Lower Upper

63 100

41 90.5 61.7 92.5

62 71.2 57.6 86.4



#40

1,4-Dioxane

Concen: 9.927 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. -0.016 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Tgt Ion: 88 Resp: 87524

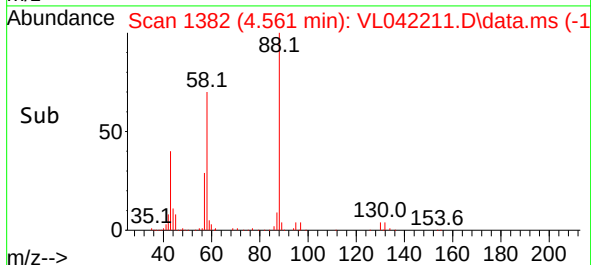
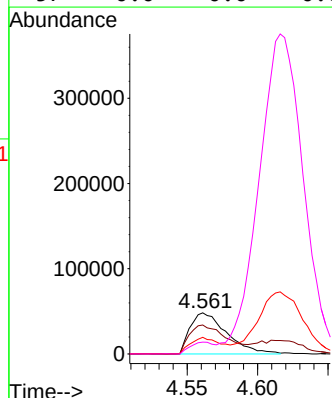
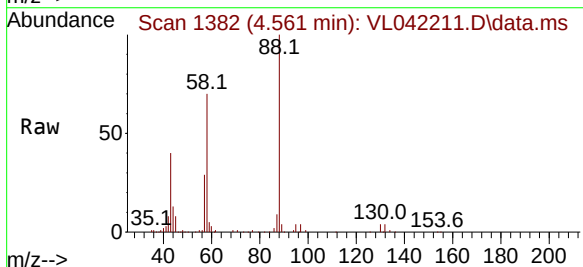
Ion Ratio Lower Upper

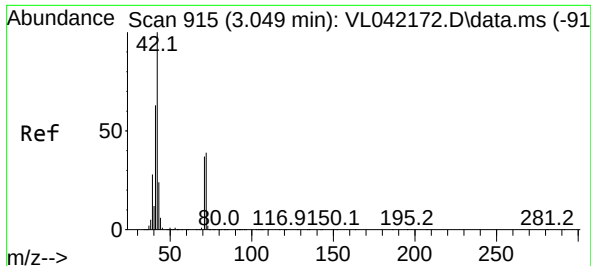
88 100

58 72.7 62.7 94.1

43 35.8 23.0 34.4#

57 0.0 0.0 0.0

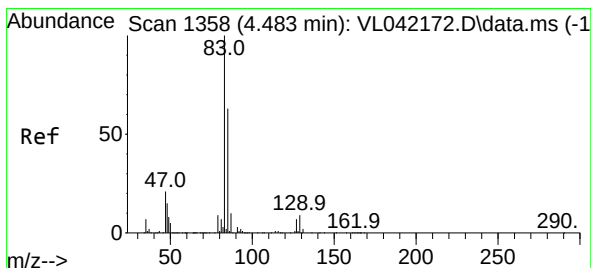
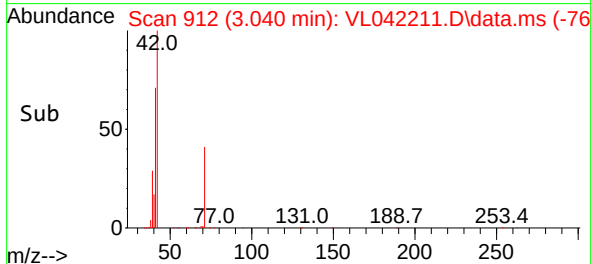
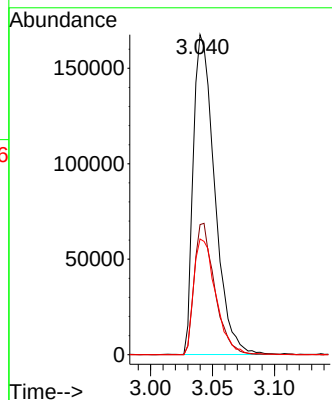
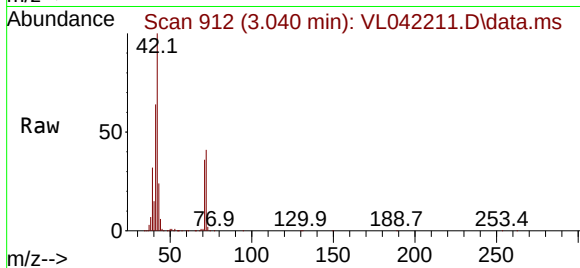




#41
Tetrahydrofuran
Concen: 10.455 ppbv
RT: 3.040 min Scan# 915
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

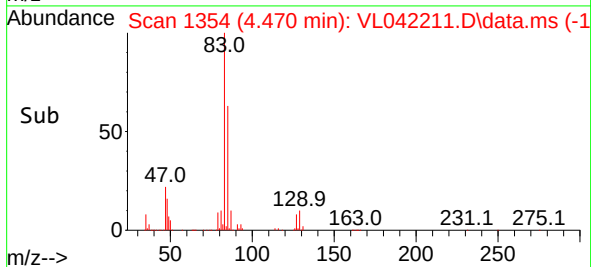
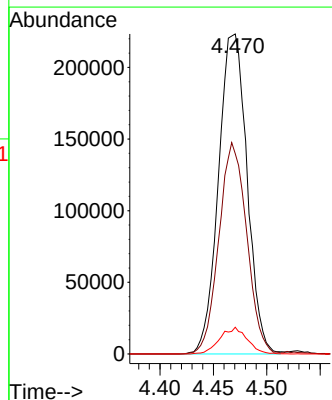
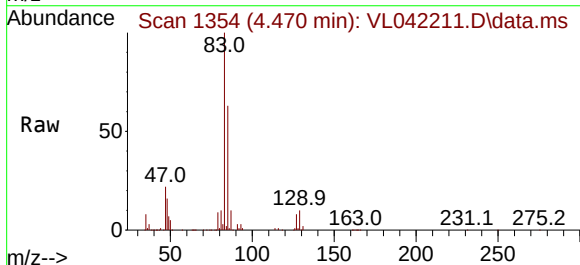
Instrument :
MSVOA_L
ClientSampleId :

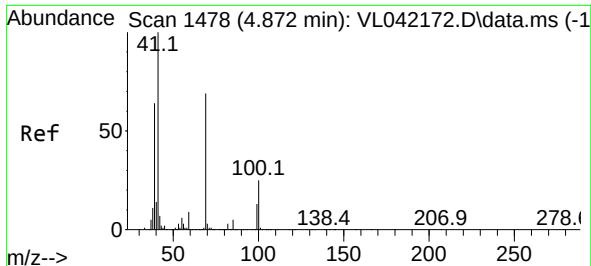
Tgt Ion: 42 Resp: 200859
Ion Ratio Lower Upper
42 100
72 39.2 31.4 47.0
71 37.4 30.2 45.4



#42
Bromodichloromethane
Concen: 11.563 ppbv
RT: 4.470 min Scan# 1354
Delta R.T. -0.013 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 83 Resp: 416274
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 8.3 5.9 8.9

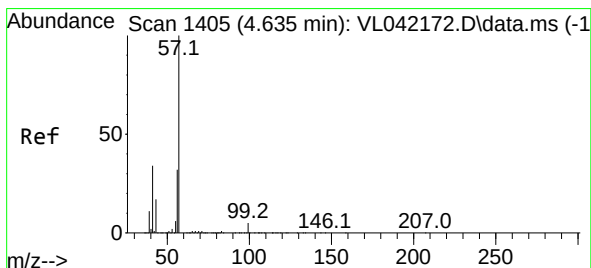
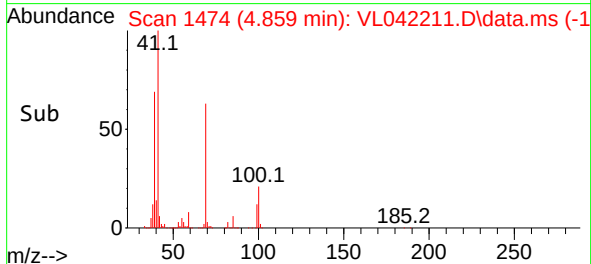
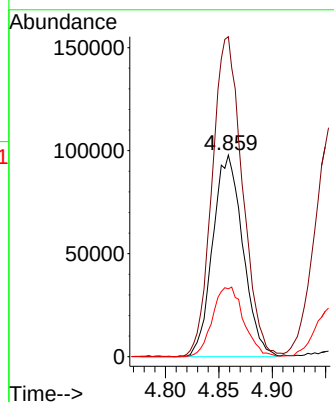
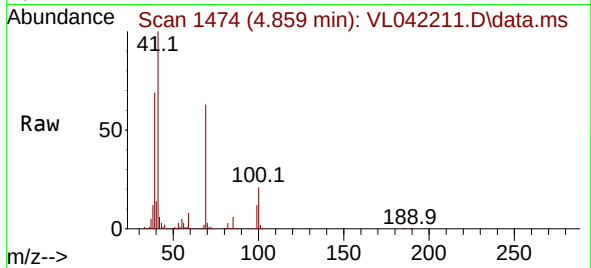




#43
Methyl Methacrylate
Concen: 9.954 ppbv
RT: 4.859 min Scan# 1474
Delta R.T. -0.013 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

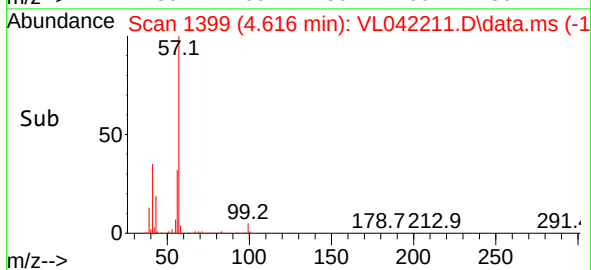
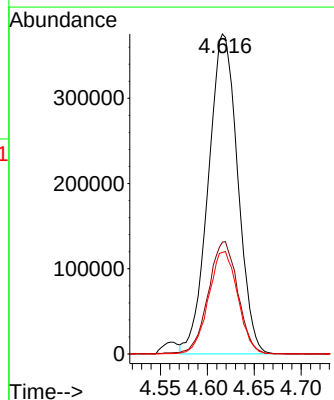
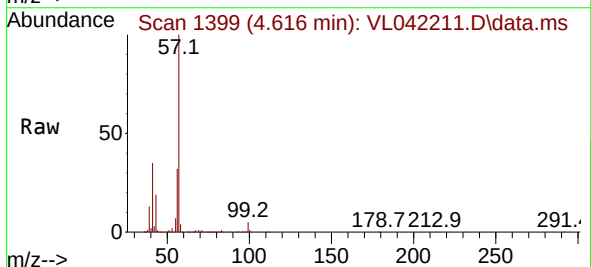
Instrument :
MSVOA_L
ClientSampleId :

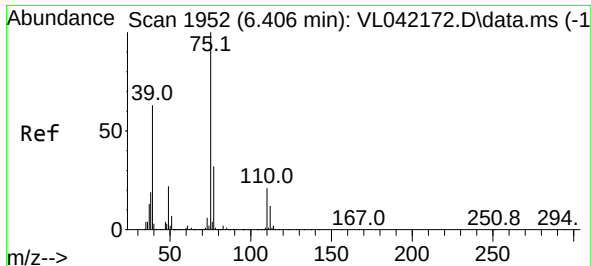
Tgt Ion: 69 Resp: 192210
Ion Ratio Lower Upper
69 100
41 158.4 123.8 185.6
100 35.7 28.4 42.6



#44
2,2,4-Trimethylpentane
Concen: 10.610 ppbv
RT: 4.616 min Scan# 1399
Delta R.T. -0.019 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 57 Resp: 817788
Ion Ratio Lower Upper
57 100
41 35.2 26.8 40.2
56 31.8 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 10.272 ppbv

RT: 6.386 min Scan# 1952

Delta R.T. -0.019 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

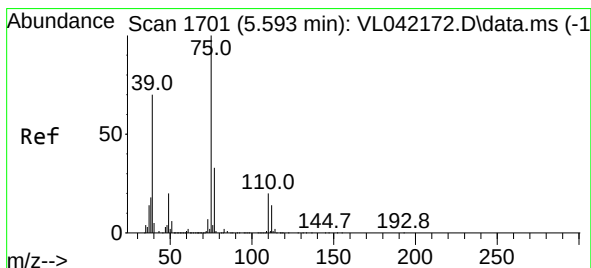
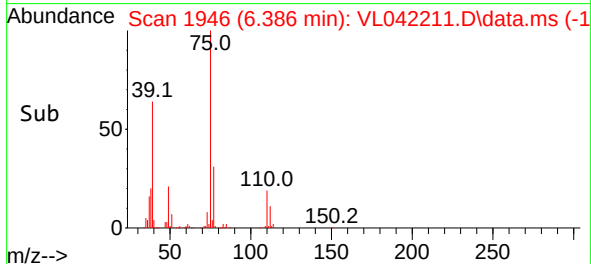
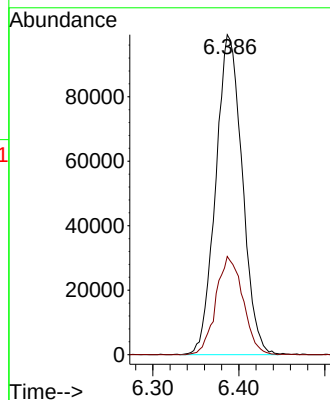
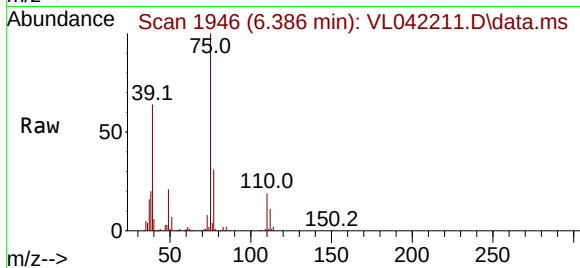
ClientSampleId :

Tgt Ion: 75 Resp: 212796

Ion Ratio Lower Upper

75 100

77 30.7 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 10.338 ppbv

RT: 5.574 min Scan# 1695

Delta R.T. -0.019 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

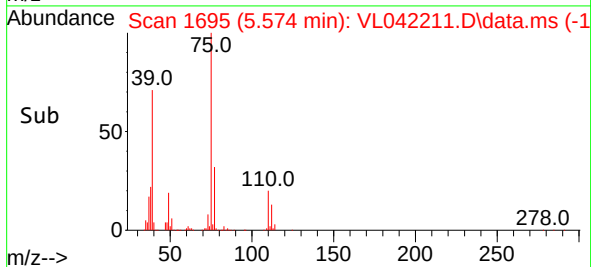
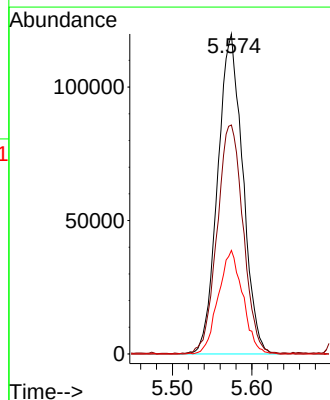
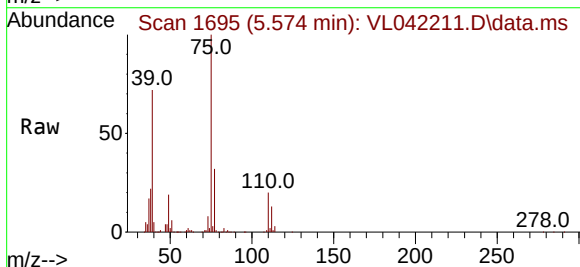
Tgt Ion: 75 Resp: 262520

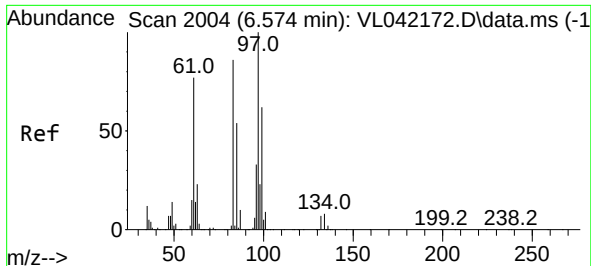
Ion Ratio Lower Upper

75 100

39 71.5 55.8 83.6

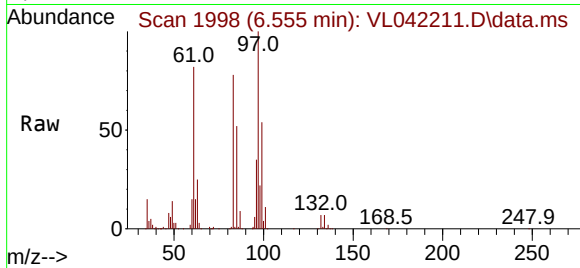
77 32.4 26.0 39.0



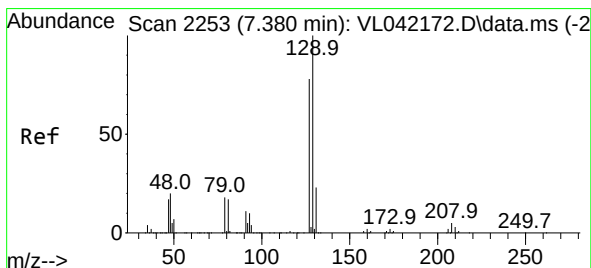
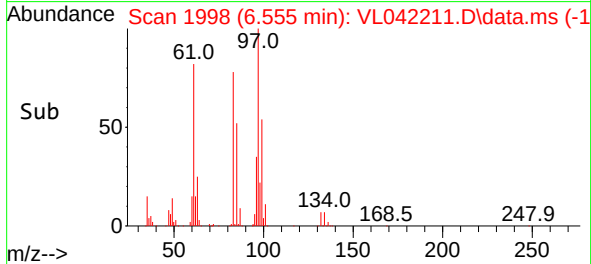
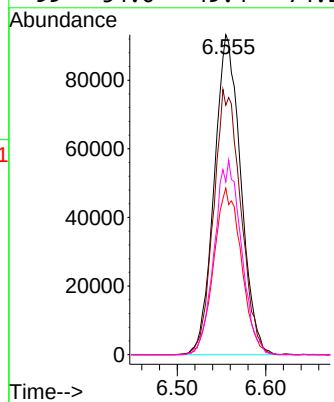


#47
 1,1,2-Trichloroethane
 Concen: 11.056 ppbv
 RT: 6.555 min Scan# 1941
 Delta R.T. -0.019 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

Instrument :
 MSVOA_L
 ClientSampleId :

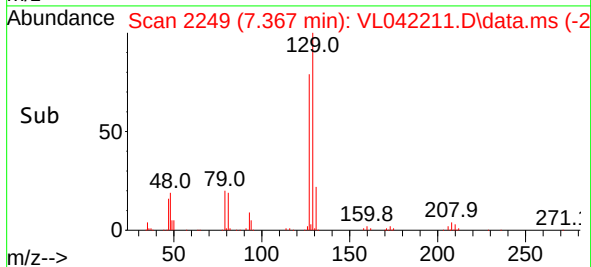
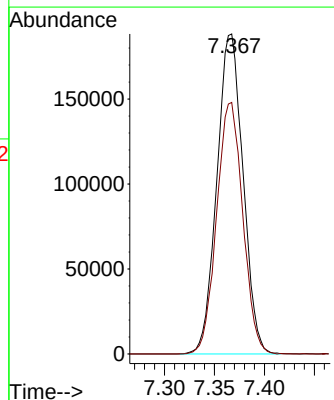
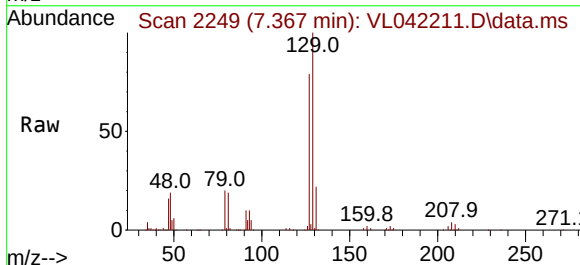


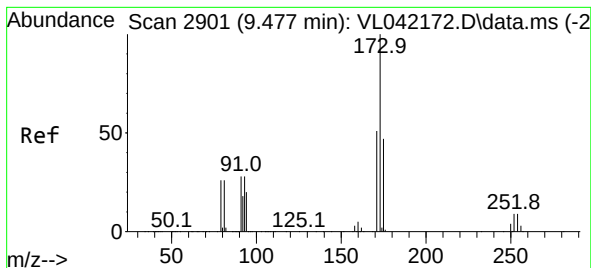
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.0	69.2	103.8
85	52.1	43.1	64.7
99	54.0	49.4	74.2



#48
 Dibromochloromethane
 Concen: 11.518 ppbv
 RT: 7.367 min Scan# 2249
 Delta R.T. -0.013 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.1	117.2





#49

Bromoform

Concen: 11.030 ppbv

RT: 9.468 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

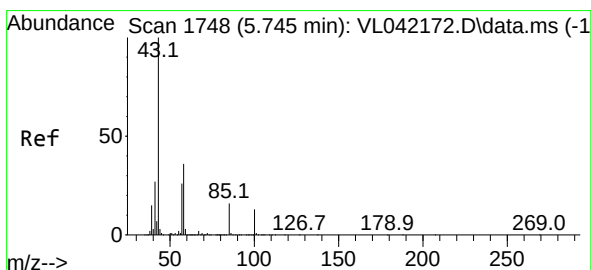
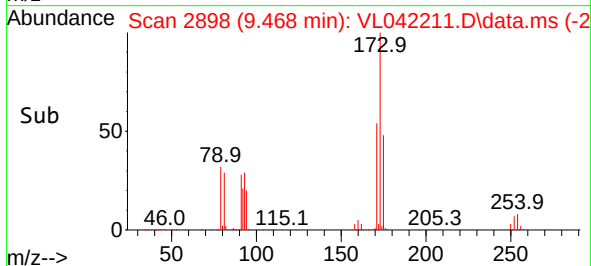
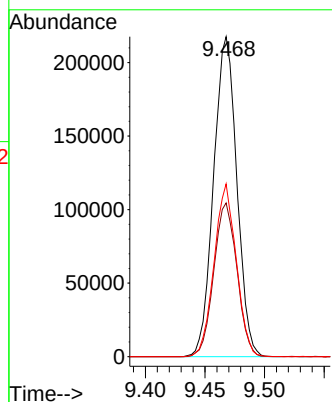
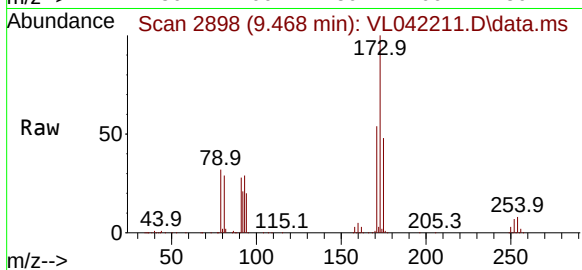
Tgt Ion:173 Resp: 294684

Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

171 51.6 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 9.560 ppbv

RT: 5.726 min Scan# 1742

Delta R.T. -0.019 min

Lab File: VL042211.D

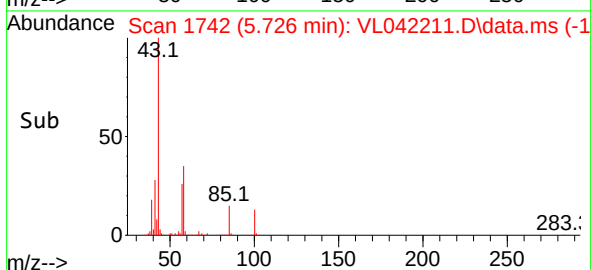
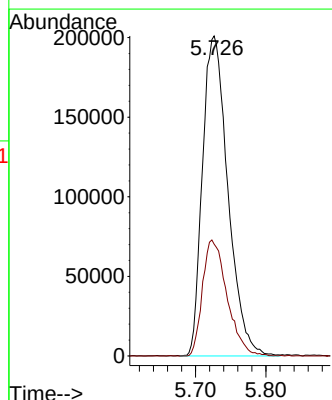
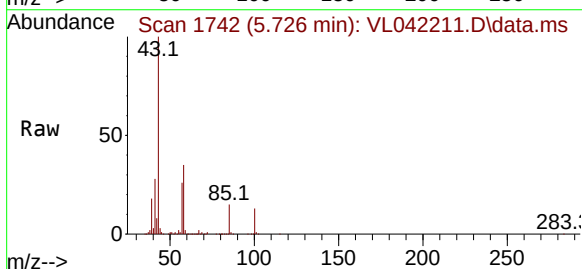
Acq: 02 Apr 2025 08:37

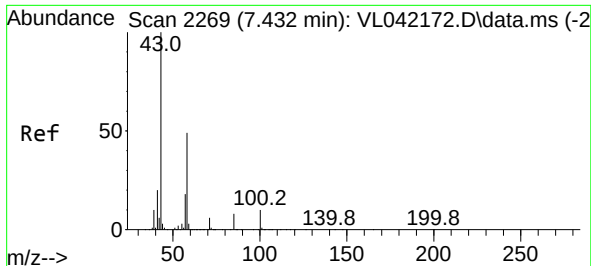
Tgt Ion: 43 Resp: 505465

Ion Ratio Lower Upper

43 100

58 35.0 29.0 43.6

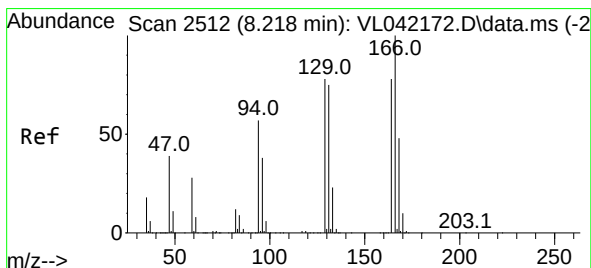
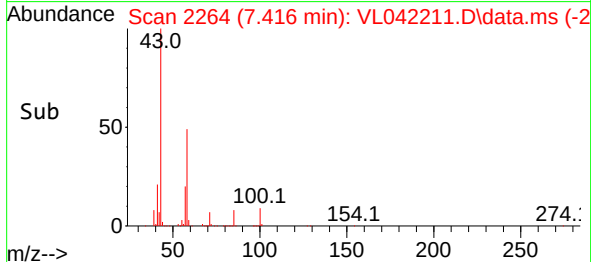
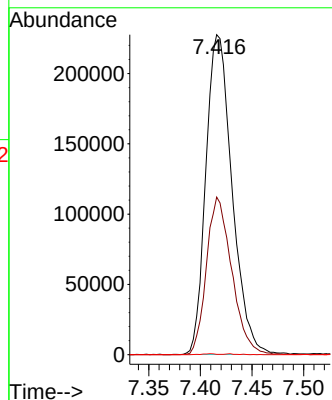
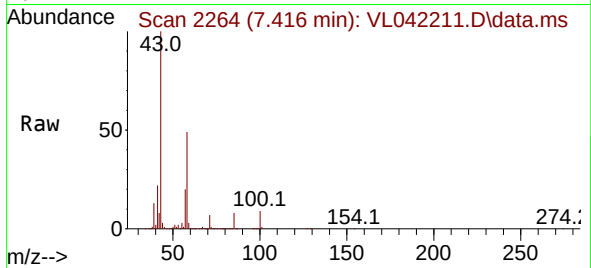




#51
2-Hexanone
Concen: 9.258 ppbv
RT: 7.416 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

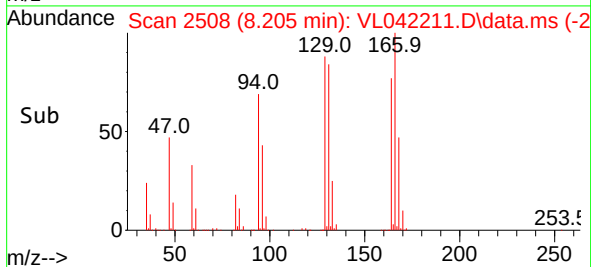
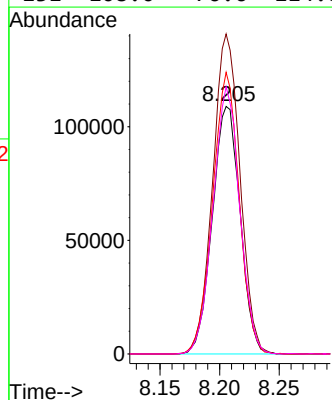
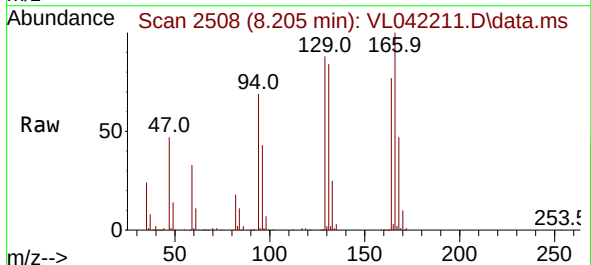
Instrument :
MSVOA_L
ClientSampleId :

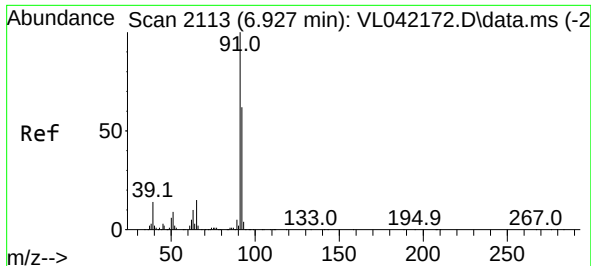
Tgt Ion: 43 Resp: 401955
Ion Ratio Lower Upper
43 100
58 47.7 39.7 59.5
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.762 ppbv
RT: 8.205 min Scan# 2508
Delta R.T. -0.013 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 164 Resp: 176588
Ion Ratio Lower Upper
164 100
166 129.1 102.5 153.7
129 113.5 79.8 119.8
131 108.0 76.6 114.8

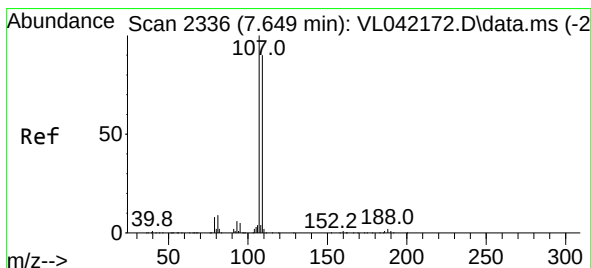
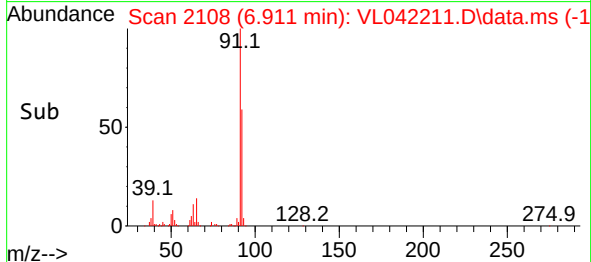
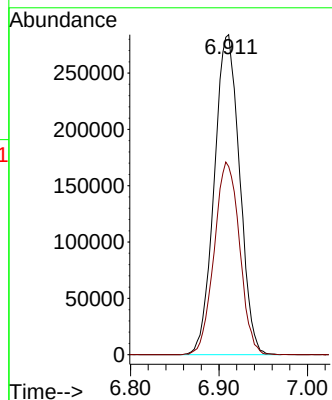
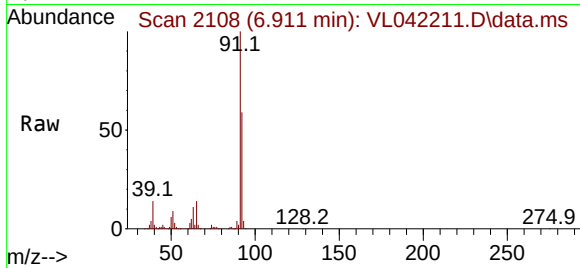




#53
Toluene
Concen: 10.469 ppbv
RT: 6.911 min Scan# 2113
Delta R.T. -0.016 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

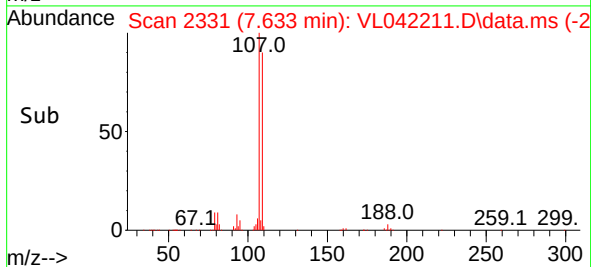
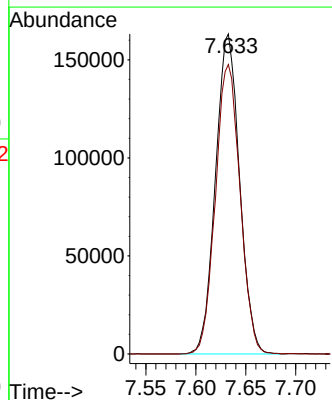
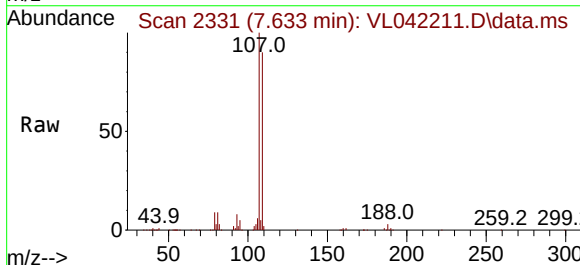
Instrument :
MSVOA_L
ClientSampleId :

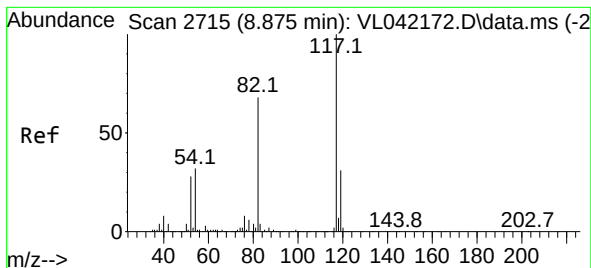
Tgt Ion: 91 Resp: 566070
Ion Ratio Lower Upper
91 100
92 60.2 48.4 72.6



#54
1,2-Dibromoethane
Concen: 11.178 ppbv
RT: 7.633 min Scan# 2331
Delta R.T. -0.016 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 107 Resp: 273624
Ion Ratio Lower Upper
107 100
109 90.5 72.2 108.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.863 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

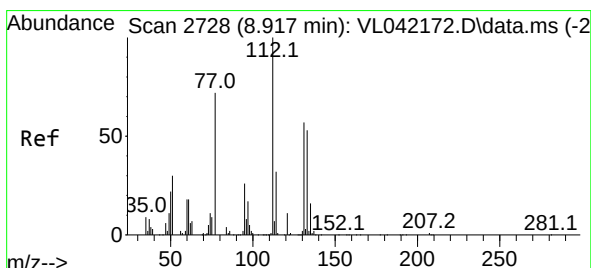
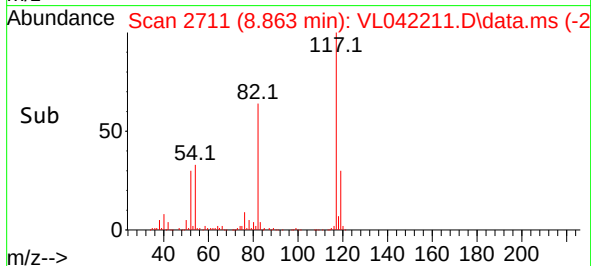
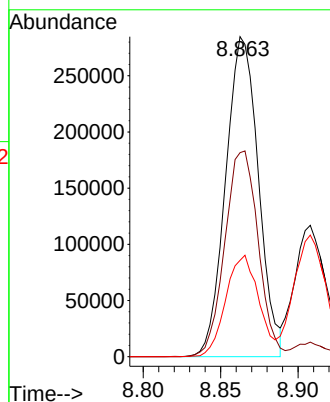
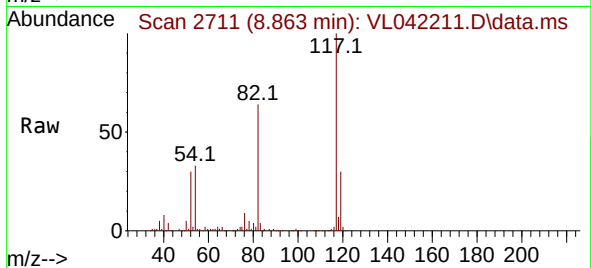
Tgt Ion:117 Resp: 420497

Ion Ratio Lower Upper

117 100

82 69.6 55.8 83.6

119 31.8 25.5 38.3



#56

1,1,1,2-Tetrachloroethane

Concen: 11.430 ppbv

RT: 8.908 min Scan# 2725

Delta R.T. -0.010 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

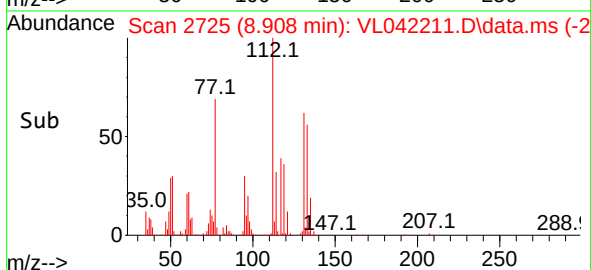
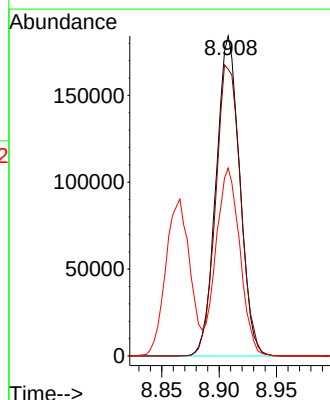
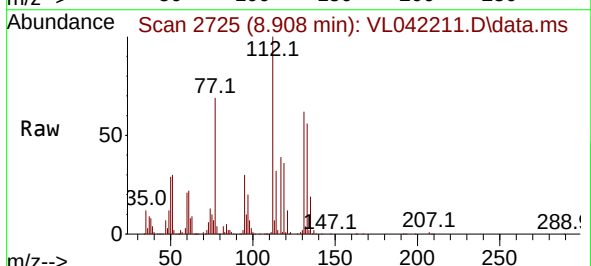
Tgt Ion:131 Resp: 264557

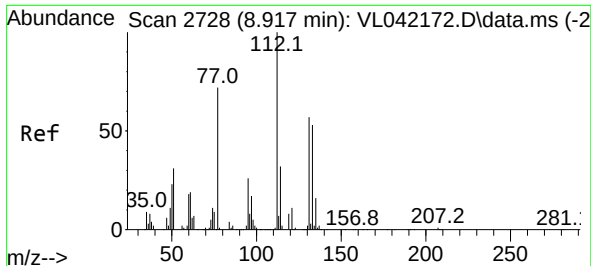
Ion Ratio Lower Upper

131 100

133 95.4 76.6 114.8

119 60.5 49.8 74.6

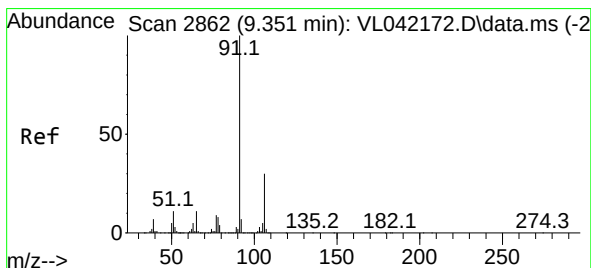
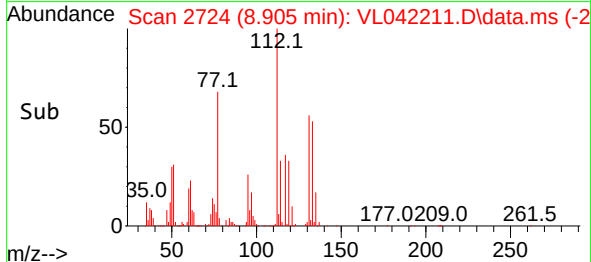
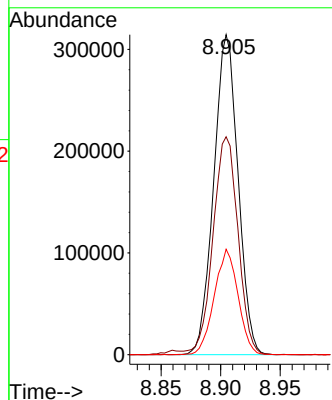
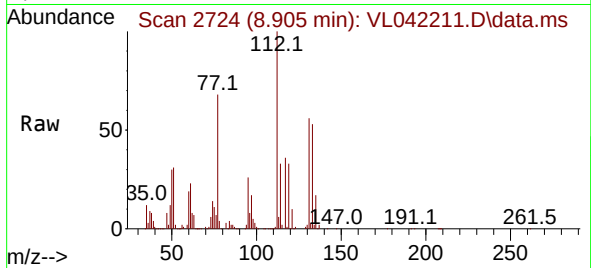




#57
Chlorobenzene
Concen: 11.190 ppbv
RT: 8.905 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

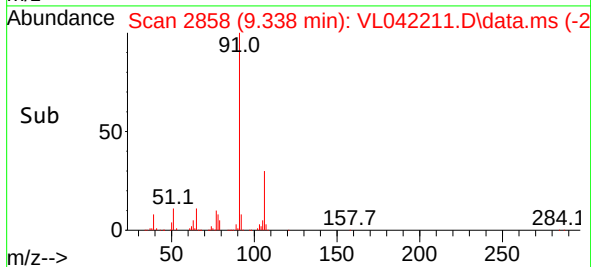
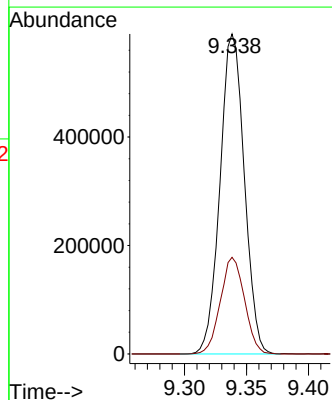
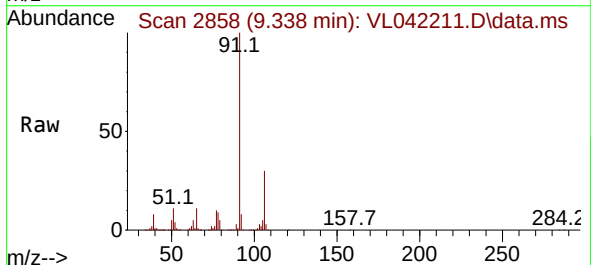
Instrument :
MSVOA_L
ClientSampleId :

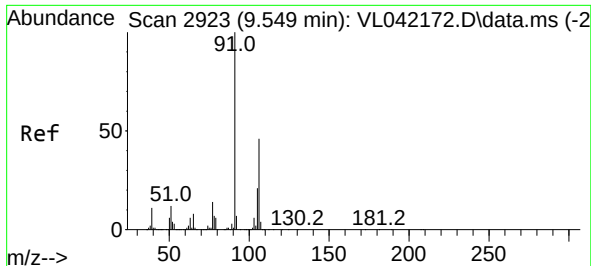
Tgt Ion:112 Resp: 446293
Ion Ratio Lower Upper
112 100
77 68.1 58.2 87.2
114 32.9 29.1 35.5



#58
Ethyl Benzene
Concen: 10.804 ppbv
RT: 9.338 min Scan# 2858
Delta R.T. -0.013 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 91 Resp: 806990
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2





#59

m/p-Xylene

Concen: 10.295 ppbv

RT: 9.536 min Scan# 2919

Delta R.T. -0.013 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

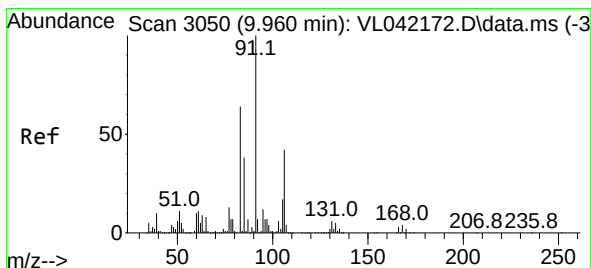
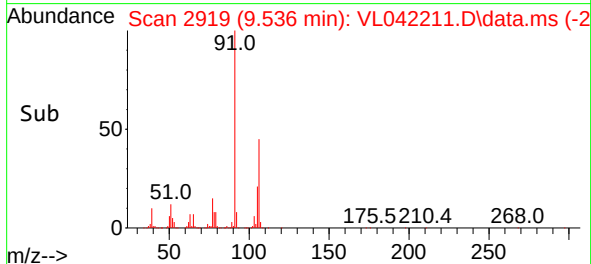
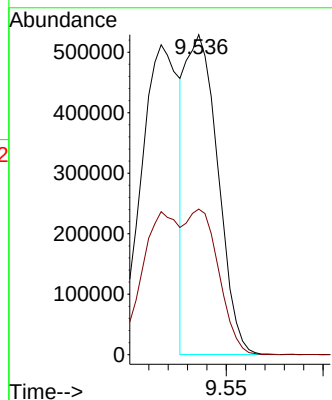
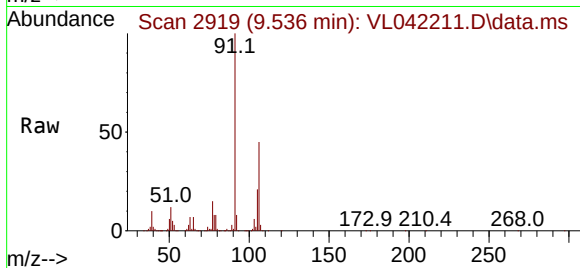
ClientSampleId :

Tgt Ion: 91 Resp: 614021

Ion Ratio Lower Upper

91 100

106 98.3 36.4 54.6#



#60

o-Xylene

Concen: 11.051 ppbv

RT: 9.947 min Scan# 3046

Delta R.T. -0.013 min

Lab File: VL042211.D

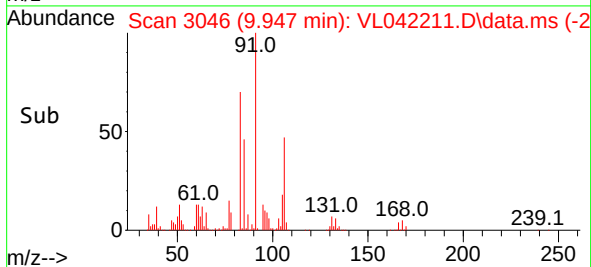
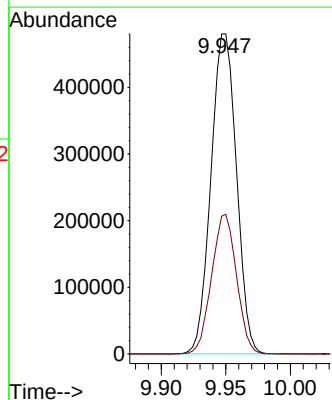
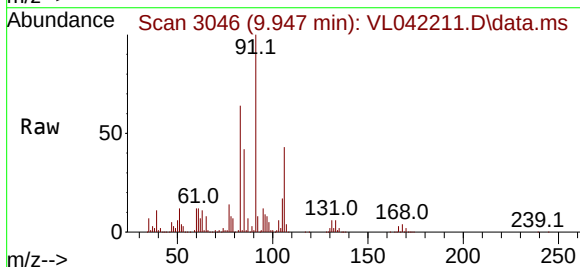
Acq: 02 Apr 2025 08:37

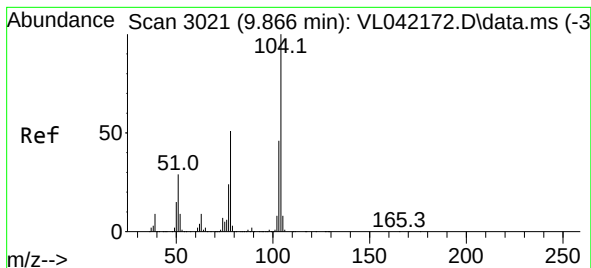
Tgt Ion: 91 Resp: 660713

Ion Ratio Lower Upper

91 100

106 42.6 20.8 62.5





#61

Styrene

Concen: 10.730 ppbv

RT: 9.856 min Scan# 3021

Delta R.T. -0.010 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

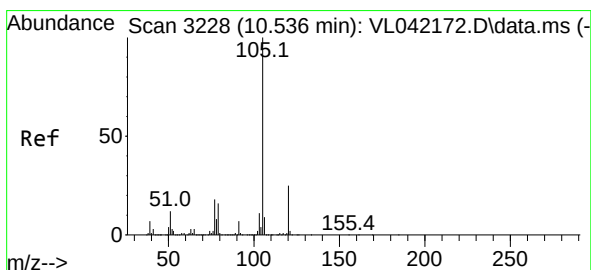
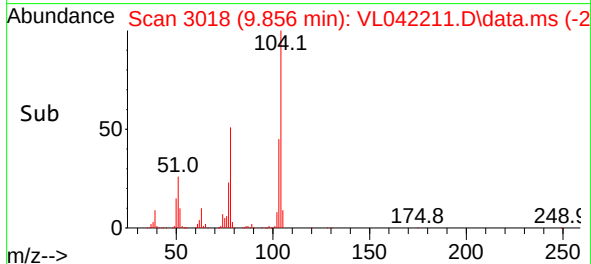
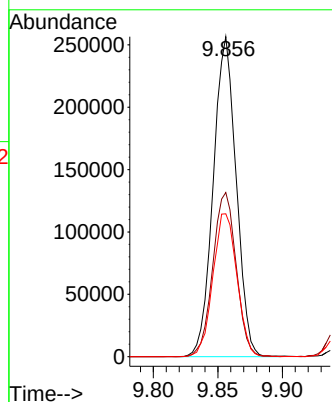
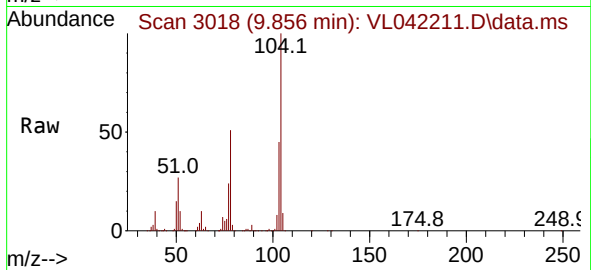
Tgt Ion:104 Resp: 317396

Ion Ratio Lower Upper

104 100

78 52.3 41.8 62.6

103 47.0 37.0 55.4



#62

Isopropylbenzene

Concen: 11.123 ppbv

RT: 10.526 min Scan# 3225

Delta R.T. -0.010 min

Lab File: VL042211.D

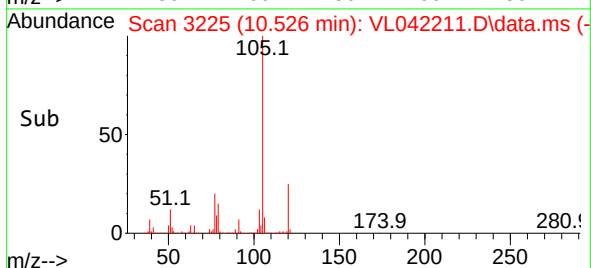
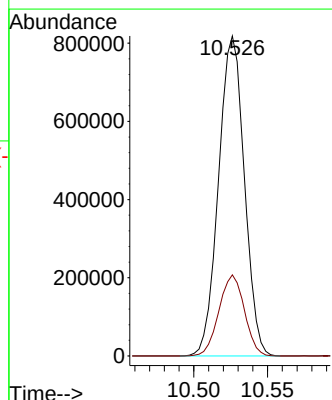
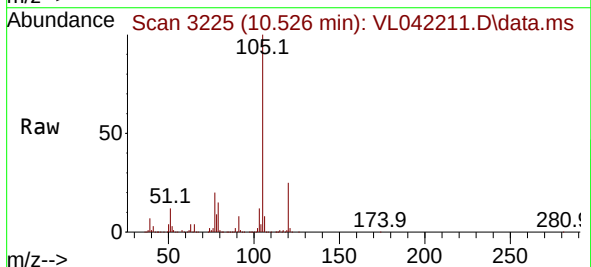
Acq: 02 Apr 2025 08:37

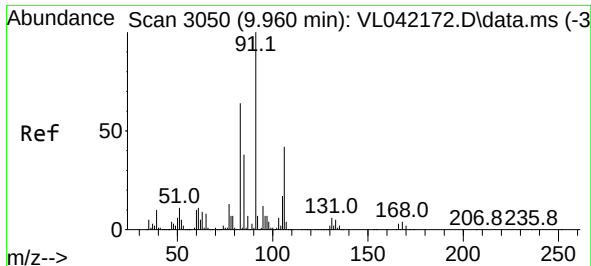
Tgt Ion:105 Resp: 994497

Ion Ratio Lower Upper

105 100

120 25.0 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 11.014 ppbv

RT: 9.947 min Scan# 3046

Delta R.T. -0.013 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

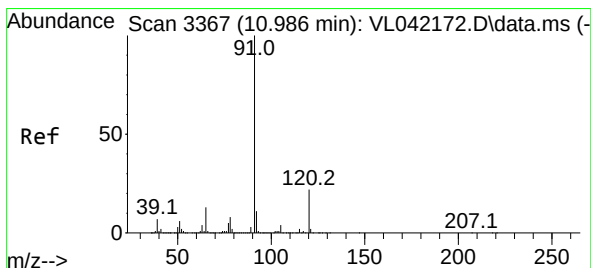
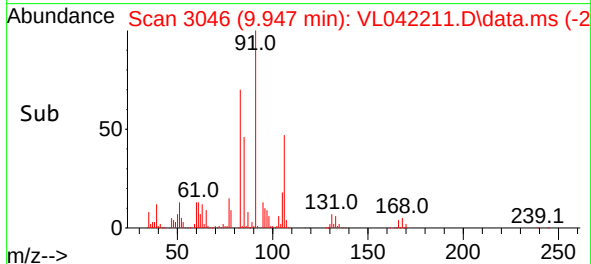
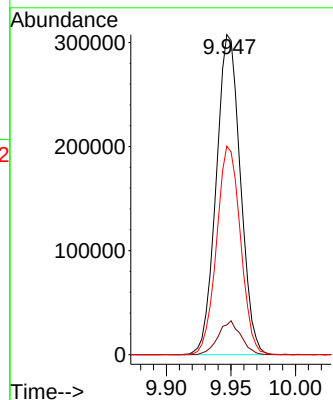
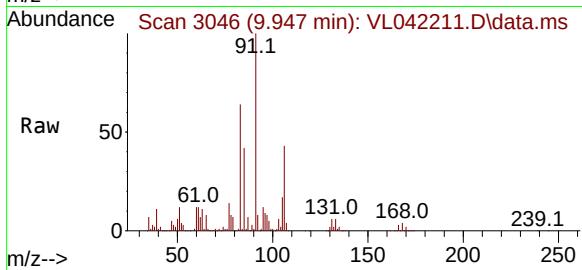
Tgt Ion: 83 Resp: 400095

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.4

85 64.3 32.5 97.5



#64

n-propylbenzene

Concen: 11.200 ppbv

RT: 10.976 min Scan# 3364

Delta R.T. -0.010 min

Lab File: VL042211.D

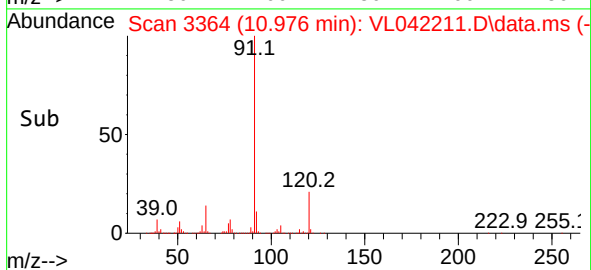
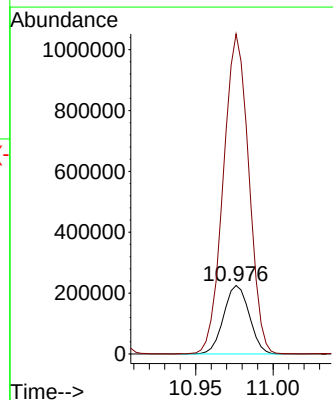
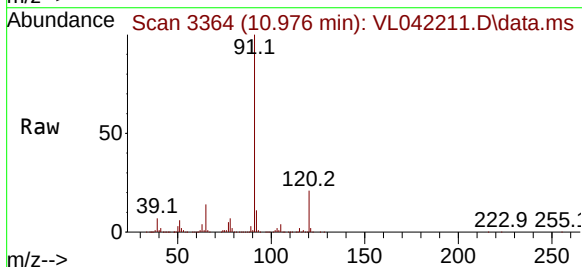
Acq: 02 Apr 2025 08:37

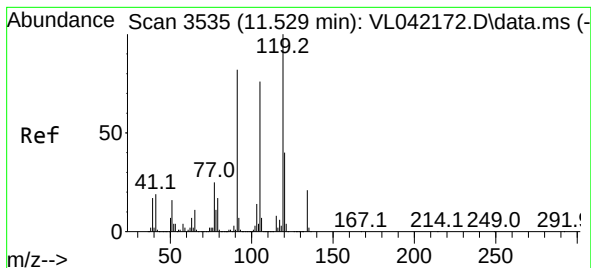
Tgt Ion: 120 Resp: 257771

Ion Ratio Lower Upper

120 100

91 466.3 376.9 565.3





#65

tert-Butylbenzene

Concen: 10.824 ppbv

RT: 11.520 min Scan# 3532

Delta R.T. -0.010 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

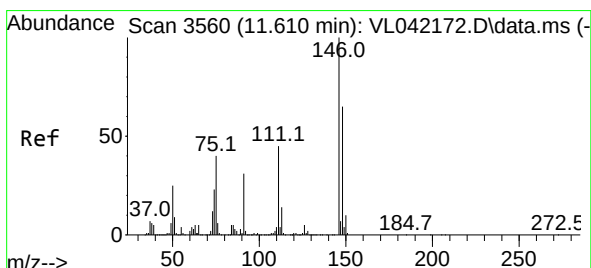
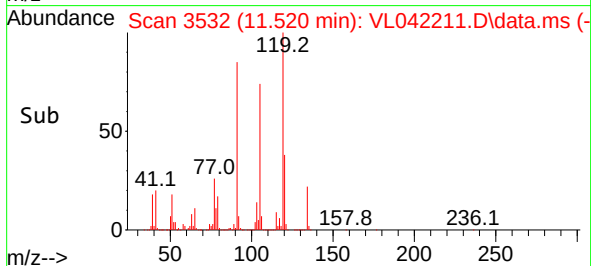
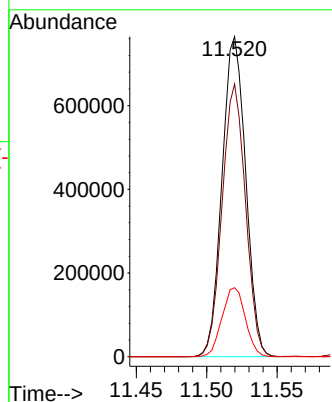
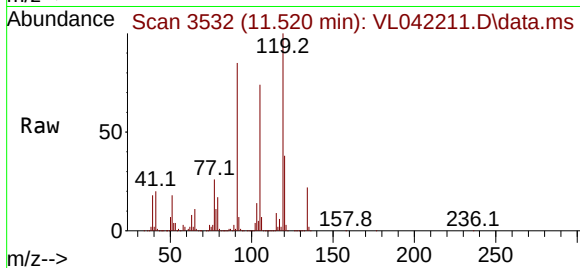
Tgt Ion:119 Resp: 895028

Ion Ratio Lower Upper

119 100

91 84.3 66.0 99.0

134 21.2 16.7 25.1



#66

Benzyl Chloride

Concen: 8.690 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.006 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

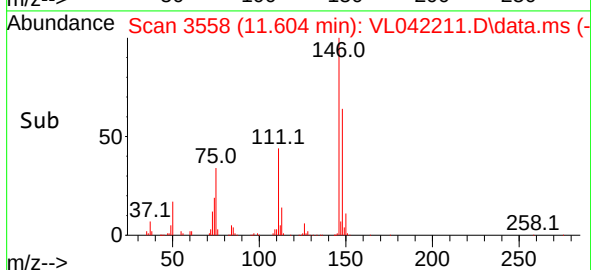
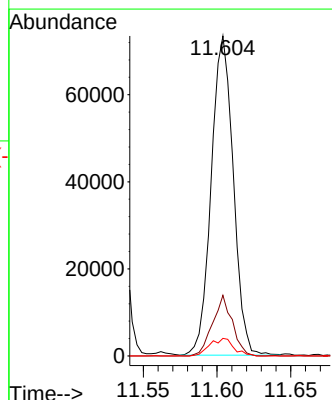
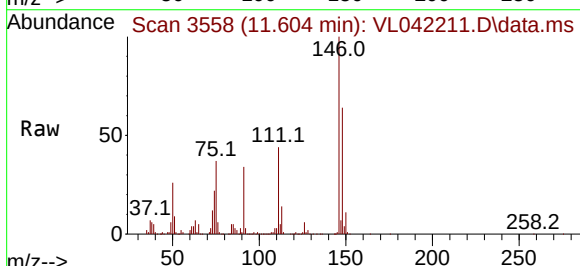
Tgt Ion: 91 Resp: 76249

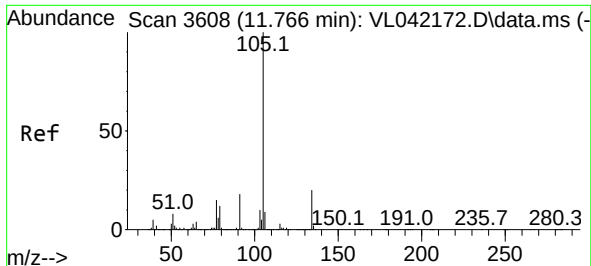
Ion Ratio Lower Upper

91 100

126 17.0 13.8 20.6

128 6.0 4.5 6.7

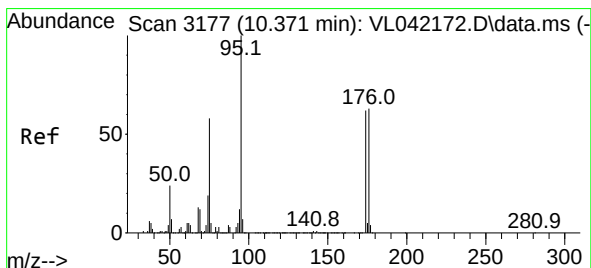
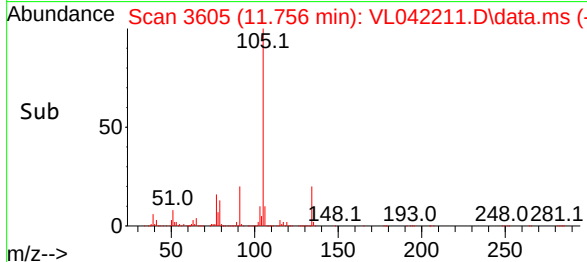
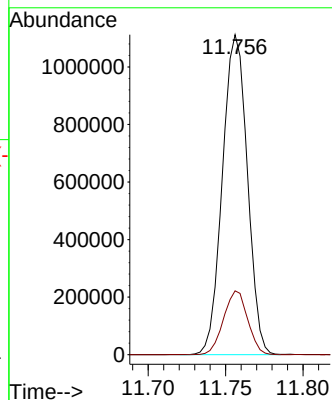
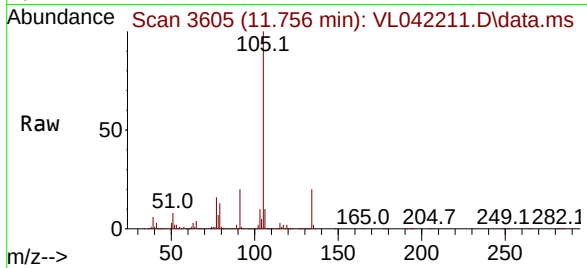




#67
 sec-Butylbenzene
 Concen: 10.843 ppbv
 RT: 11.756 min Scan# 3174
 Delta R.T. -0.010 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

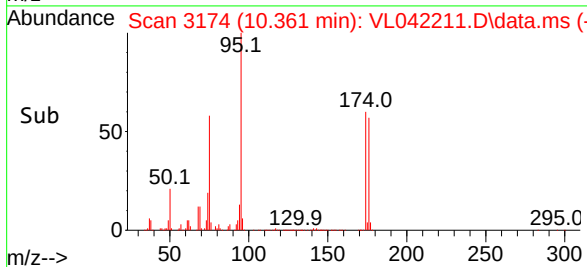
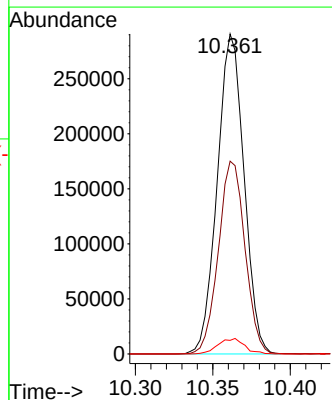
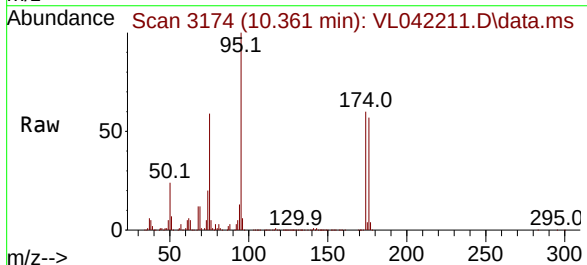
Instrument :
 MSVOA_L
 ClientSampleId :

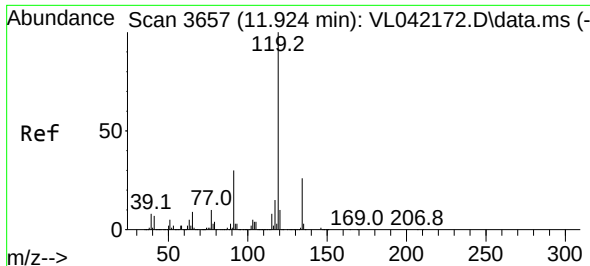
Tgt Ion:105 Resp: 1246274
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.104 ppbv
 RT: 10.361 min Scan# 3174
 Delta R.T. -0.010 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

Tgt Ion: 95 Resp: 348908
 Ion Ratio Lower Upper
 95 100
 174 59.9 50.6 76.0
 175 4.8 3.8 5.6

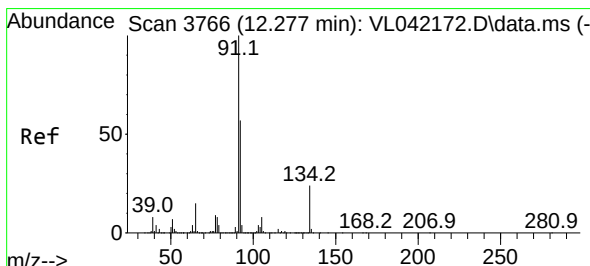
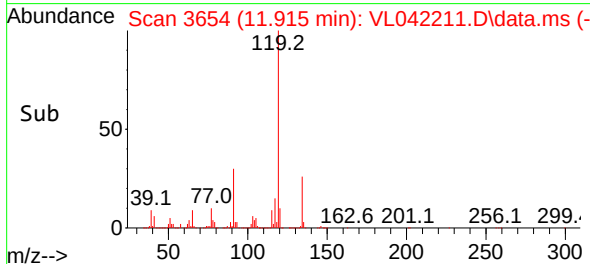
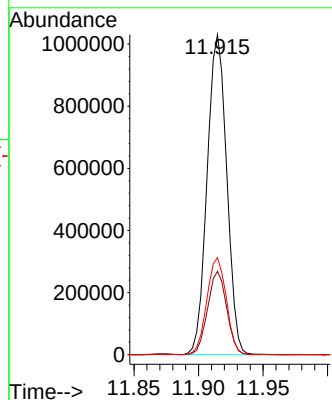
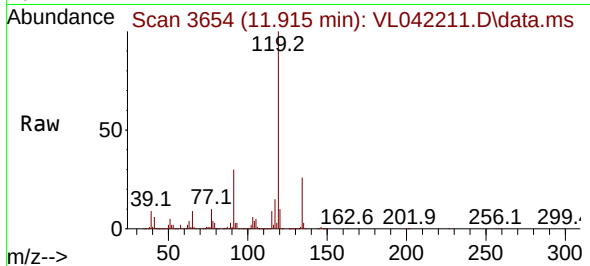




#69
p-Isopropyltoluene
Concen: 10.977 ppbv
RT: 11.915 min Scan# 3654
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

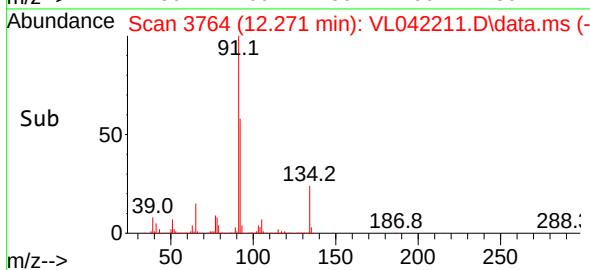
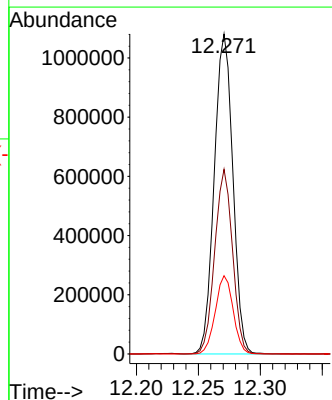
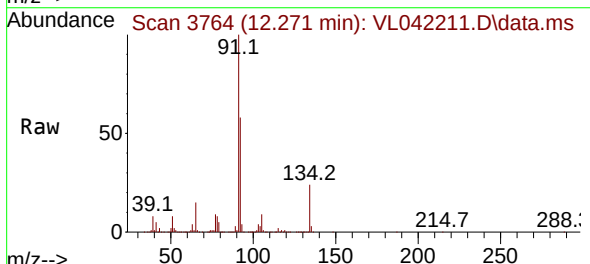
Instrument :
MSVOA_L
ClientSampleId :

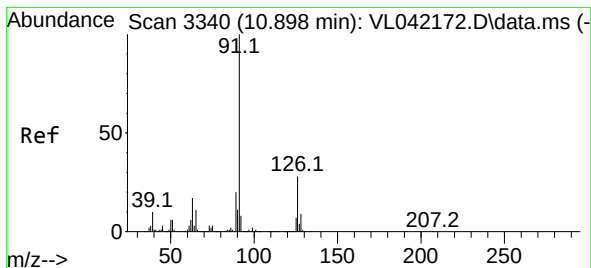
Tgt Ion:119 Resp: 1086376
Ion Ratio Lower Upper
119 100
134 25.4 20.4 30.6
91 30.2 23.7 35.5



#70
n-Butylbenzene
Concen: 11.157 ppbv
RT: 12.271 min Scan# 3764
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 91 Resp: 1129204
Ion Ratio Lower Upper
91 100
92 55.6 44.9 67.3
134 23.6 19.2 28.8

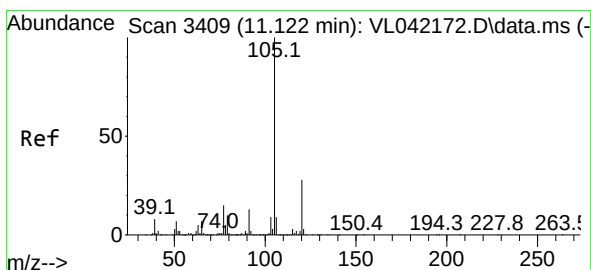
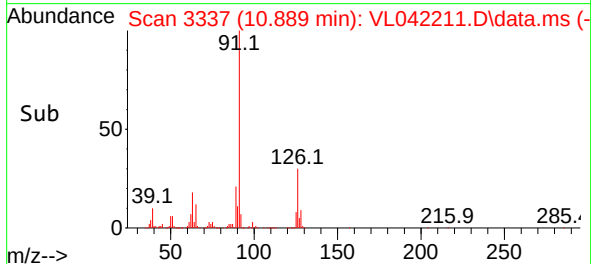
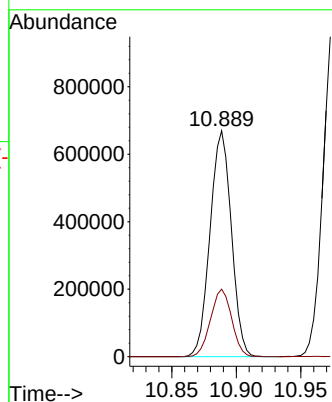
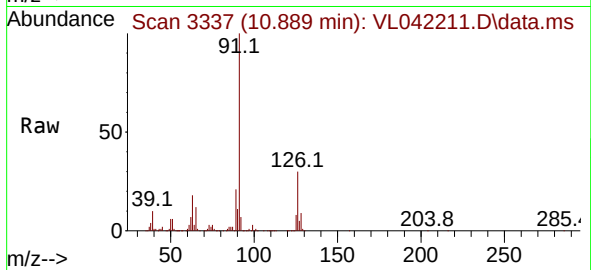




#71
2-Chlorotoluene
Concen: 11.053 ppbv
RT: 10.889 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

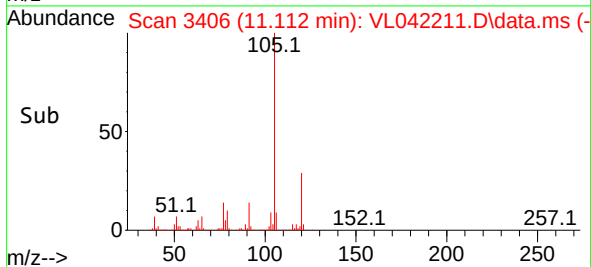
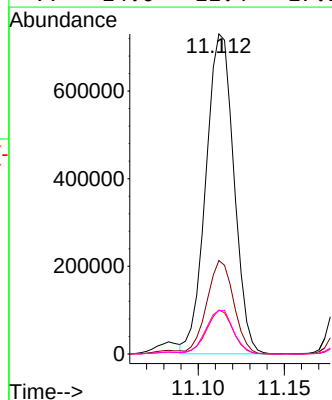
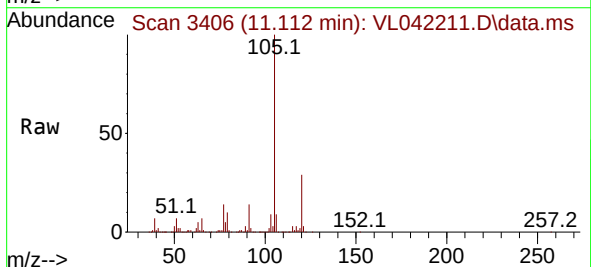
Instrument :
MSVOA_L
ClientSampleId :

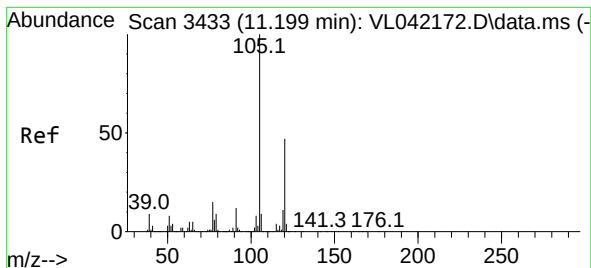
Tgt Ion: 91 Resp: 767022
Ion Ratio Lower Upper
91 100
126 29.6 11.6 46.4



#72
4-Ethyltoluene
Concen: 11.116 ppbv
RT: 11.112 min Scan# 3406
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion: 105 Resp: 827487
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.0
91 13.4 10.3 15.5
77 14.0 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 11.031 ppbv

RT: 11.193 min Scan# 3433

Delta R.T. -0.006 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

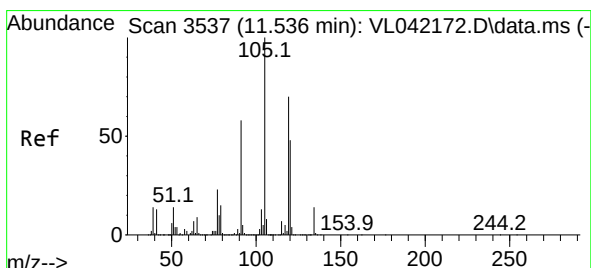
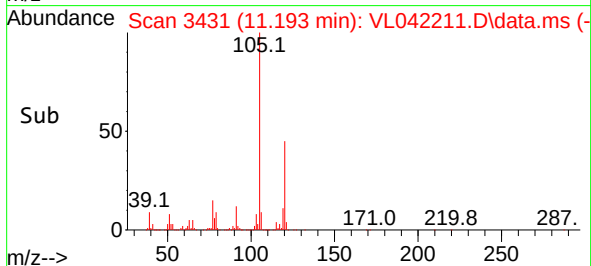
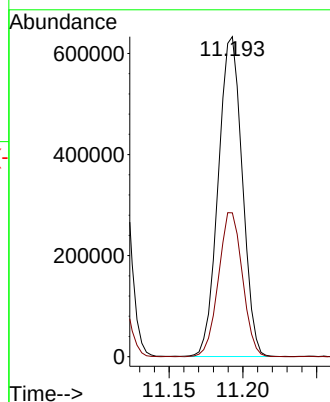
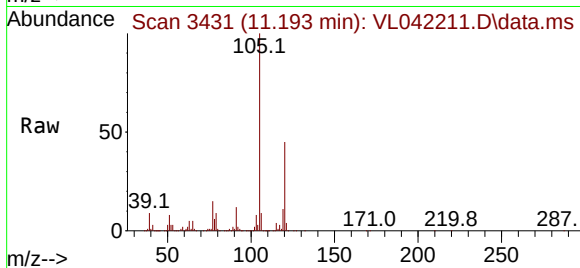
ClientSampleId :

Tgt Ion:105 Resp: 717175

Ion Ratio Lower Upper

105 100

120 45.0 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 10.447 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. -0.010 min

Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Tgt Ion:105 Resp: 782472

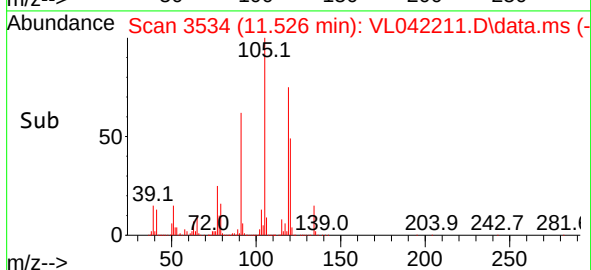
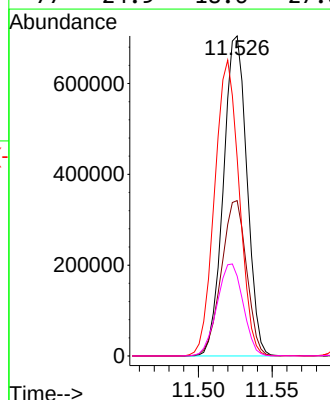
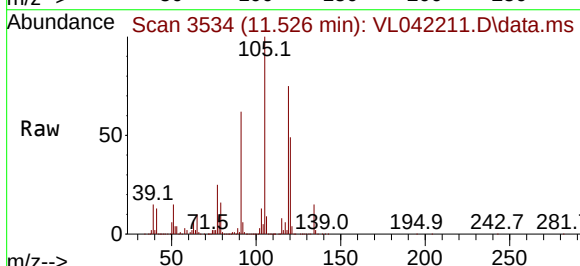
Ion Ratio Lower Upper

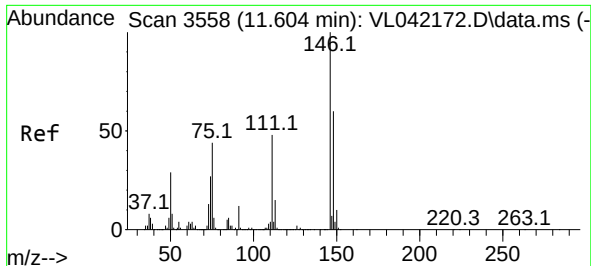
105 100

120 48.6 38.6 58.0

91 61.8 46.2 69.2

77 24.9 18.6 27.8

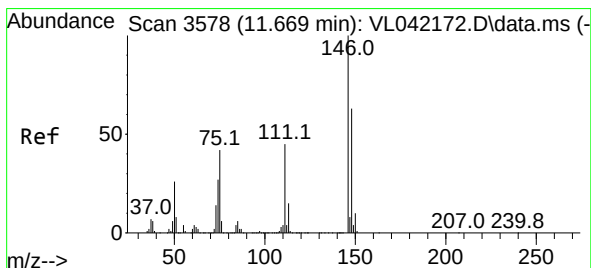
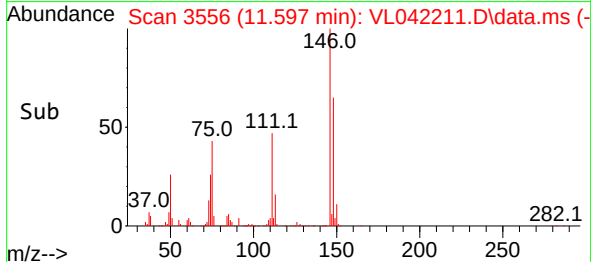
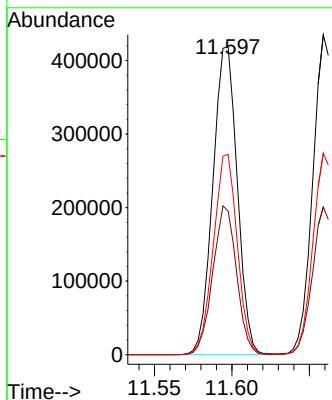
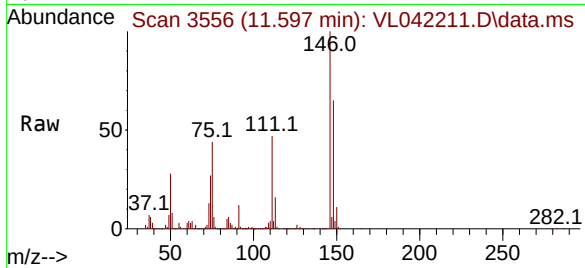




#75
1,3-Dichlorobenzene
Concen: 11.168 ppbv
RT: 11.597 min Scan# 3556
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

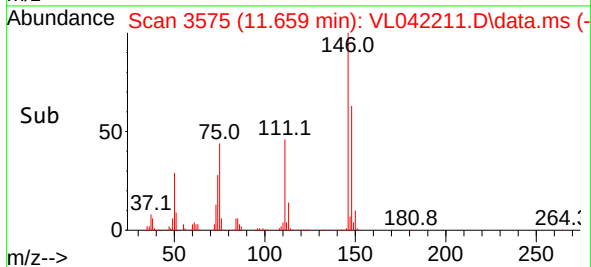
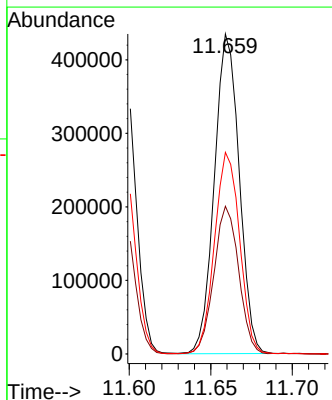
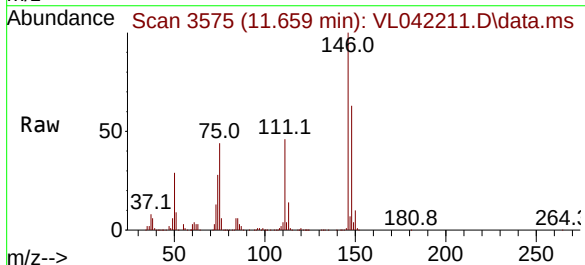
Instrument :
MSVOA_L
ClientSampleId :

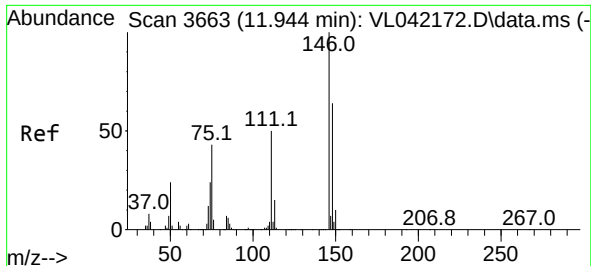
Tgt Ion:146 Resp: 458806
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.2
148 63.9 31.9 95.9



#76
1,4-Dichlorobenzene
Concen: 11.256 ppbv
RT: 11.659 min Scan# 3575
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion:146 Resp: 460192
Ion Ratio Lower Upper
146 100
111 46.4 23.0 69.0
148 64.0 31.9 95.7

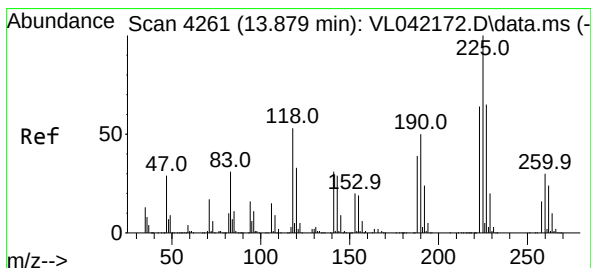
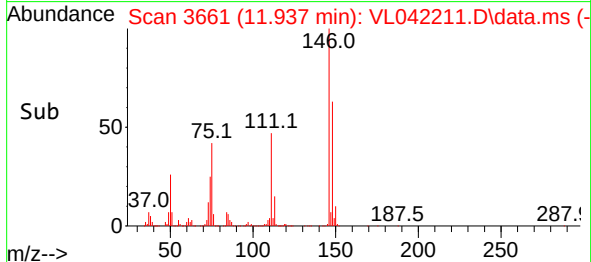
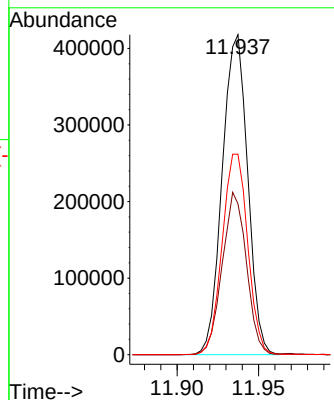
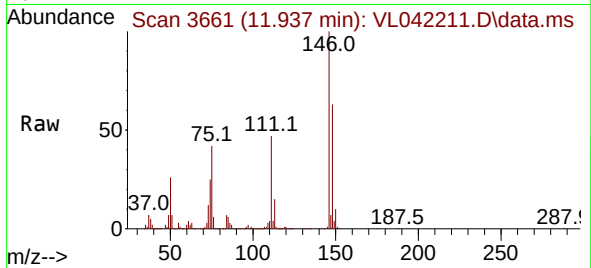




#77
 1,2-Dichlorobenzene
 Concen: 11.319 ppbv
 RT: 11.937 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

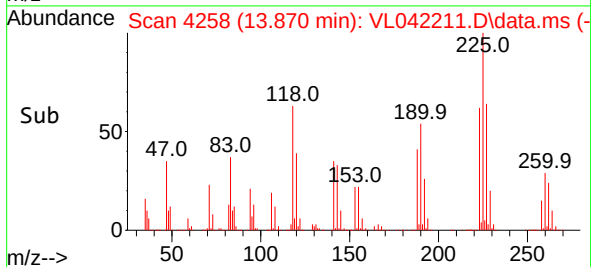
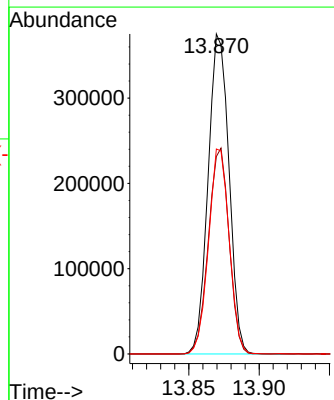
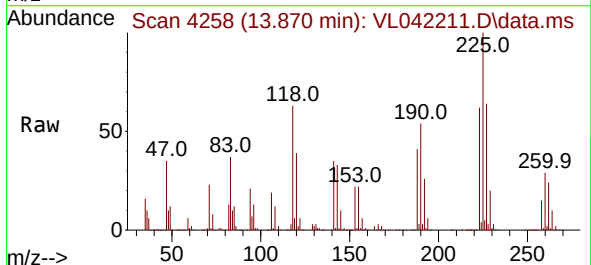
Instrument :
 MSVOA_L
 ClientSampleId :

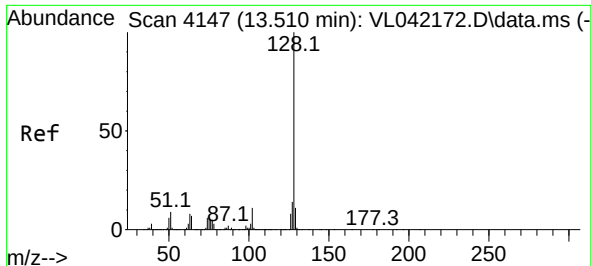
Tgt Ion:146 Resp: 452758
 Ion Ratio Lower Upper
 146 100
 111 48.6 24.8 74.3
 148 63.1 31.6 94.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.484 ppbv
 RT: 13.870 min Scan# 4258
 Delta R.T. -0.010 min
 Lab File: VL042211.D
 Acq: 02 Apr 2025 08:37

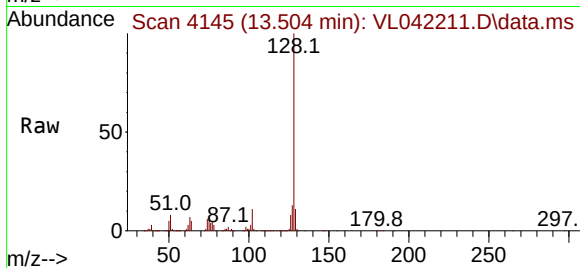
Tgt Ion:225 Resp: 386126
 Ion Ratio Lower Upper
 225 100
 223 63.8 50.6 76.0
 227 63.5 51.2 76.8



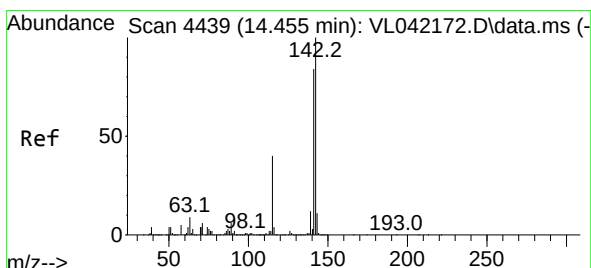
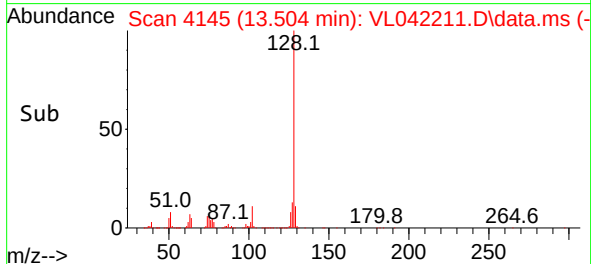
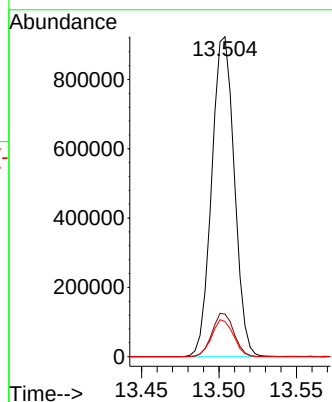


#79
Naphthalene
Concen: 11.455 ppbv
RT: 13.504 min Scan# 4145
Delta R.T. -0.006 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :

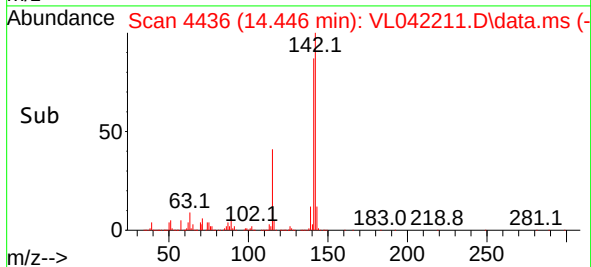
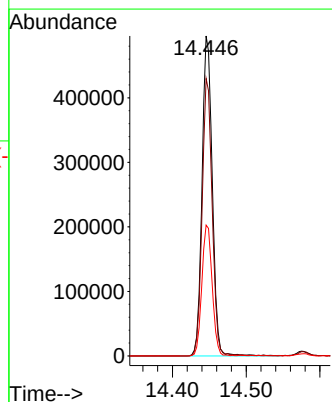
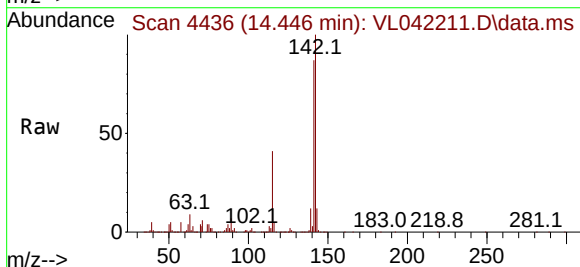


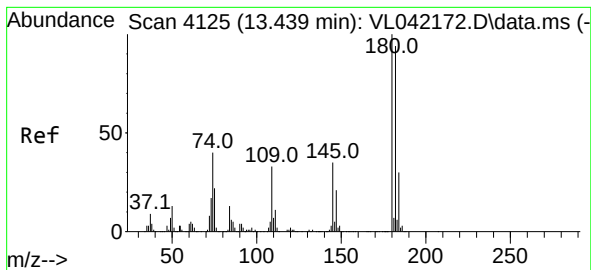
Tgt Ion:128 Resp: 938531
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 11.951 ppbv
RT: 14.446 min Scan# 4436
Delta R.T. -0.010 min
Lab File: VL042211.D
Acq: 02 Apr 2025 08:37

Tgt Ion:142 Resp: 480160
Ion Ratio Lower Upper
142 100
141 85.3 66.3 99.5
115 41.2 31.6 47.4





#81

1,2,4-Trichlorobenzene

Concen: 11.071 ppbv

RT: 13.429 min Scan# 41

Delta R.T. -0.010 min

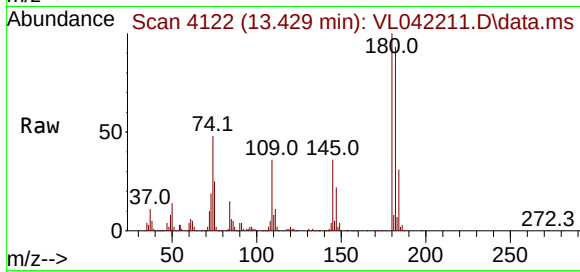
Lab File: VL042211.D

Acq: 02 Apr 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 418383

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

184 30.1 24.4 36.6

