

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040997.D
 Acq On : 23 Jan 2024 14:12
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL012324

Quant Time: Jan 24 00:59:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1125214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.619	114	2886208	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2744800	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	2013389	9.712	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	2179814	8.771	ppbv	98
3) Chlorodifluoromethane	2.645	51	1673618	8.843	ppbv	100
4) Chloromethane	2.783	50	631104	8.897	ppbv	99
5) Vinyl Chloride	2.890	62	657694	9.456	ppbv	100
6) Bromomethane	3.089	94	276264	9.123	ppbv	97
7) Chloroethane	3.166	64	233387	9.319	ppbv	99
8) Dichlorotetrafluoroethane	2.828	85	1594741	8.590	ppbv	97
9) Propene	2.664	41	581693	9.370	ppbv	97
10) Heptane	7.545	43	1417812	9.280	ppbv	99
11) Trichlorofluoromethane	3.529	101	1728792	8.633	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.031	101	1256574	8.658	ppbv	98
13) Ethanol	3.208	45	127060	8.588	ppbv	96
14) Bromoethene	3.333	108	506443	9.088	ppbv	97
15) Acetone	3.436	43	1198239	8.327	ppbv	97
16) 1,3-Butadiene	2.954	39	624039	9.066	ppbv	99
17) tert-Butyl alcohol	3.848	59	1185235	10.043	ppbv	100
18) 1,1-Dichloroethene	3.848	96	554222	8.920	ppbv	95
19) Isopropyl Alcohol	3.545	45	807713	9.697	ppbv #	97
20) Methylene Chloride	3.902	84	455516	8.227	ppbv	94
21) Allyl Chloride	3.963	41	816081	9.334	ppbv	100
22) trans-1,2-Dichloroethene	4.410	96	597083	9.332	ppbv	98
23) Vinyl Acetate	4.594	43	1483792	10.004	ppbv	98
24) 1,1-Dichloroethane	4.529	63	1166193	8.863	ppbv	98
25) Ethyl Acetate	5.169	43	2463838	9.443	ppbv	100
26) Hexane	5.179	57	1044424	9.391	ppbv	99
27) Carbon Disulfide	4.092	76	1436384	9.925	ppbv	99
28) Methyl tert-Butyl Ether	4.552	73	879026	9.523	ppbv	98
29) Chloroform	5.243	83	1772384	8.986	ppbv	98
30) Cyclohexane	6.565	84	912728	9.795	ppbv	98
31) cis-1,2-Dichloroethene	5.044	61	1030381	9.872	ppbv	95
32) 1,1,1-Trichloroethane	5.970	97	1787132	9.480	ppbv	99
34) 2-Butanone	4.751	43	1336857	9.722	ppbv	100
35) Carbon Tetrachloride	6.458	117	1906324	9.905	ppbv	97
36) Benzene	6.336	78	2283528	9.580	ppbv	97
37) 1,2-Dichloroethane	5.770	62	1362371	9.366	ppbv	99
38) Trichloroethene	7.259	130	897200	9.389	ppbv	96
39) 1,2-Dichloropropane	7.037	63	886581	9.441	ppbv	99
40) 1,4-Dioxane	7.246	88	384899	9.869	ppbv	92
41) Tetrahydrofuran	5.520	42	957718	10.258	ppbv	99
42) Bromodichloromethane	7.214	83	2010011	9.657	ppbv	98
43) Methyl Methacrylate	7.439	69	937965	10.197	ppbv	99
44) 2,2,4-Trimethylpentane	7.288	57	3732102	9.305	ppbv	99
45) t-1,3-Dichloropropene	8.671	75	697821	11.103	ppbv	97

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

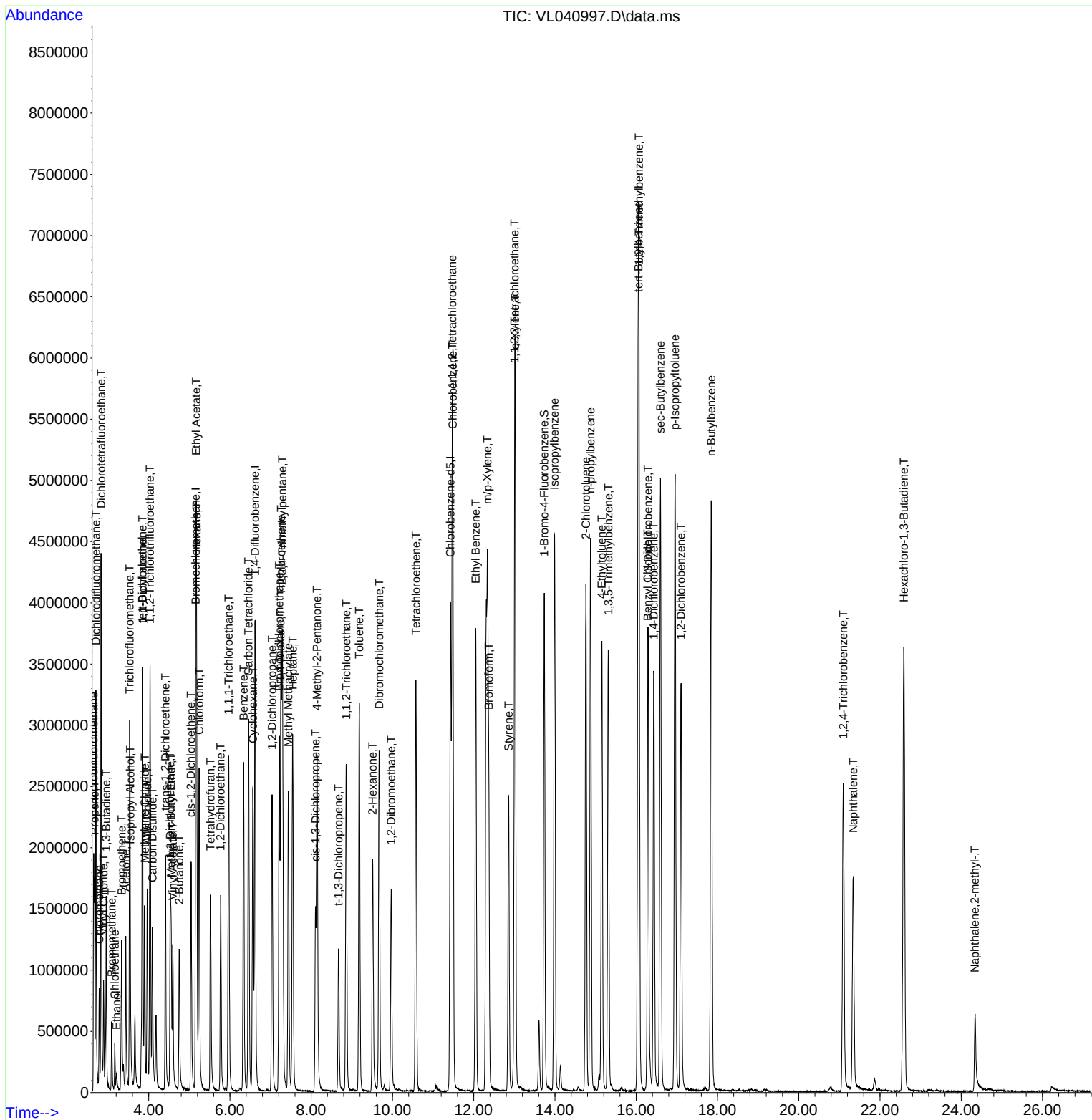
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 ClientSampleId :
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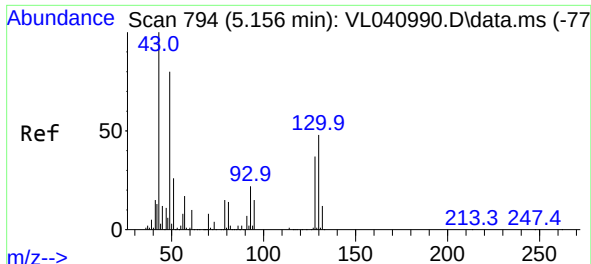
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.108	75	842575	10.750	ppbv	94
47) 1,1,2-Trichloroethane	8.864	97	965125	9.535	ppbv	98
48) Dibromochloromethane	9.674	129	1723776	10.074	ppbv	99
49) Bromoform	12.371	173	1389318	10.351	ppbv	99
50) 4-Methyl-2-Pentanone	8.143	43	2389641	9.868	ppbv	100
51) 2-Hexanone	9.513	43	1748643	10.018	ppbv #	97
52) Tetrachloroethene	10.577	164	790643	9.988	ppbv	97
53) Toluene	9.182	91	2596512	9.943	ppbv	99
54) 1,2-Dibromoethane	9.970	107	1379115	10.061	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.471	131	1216208	9.235	ppbv	99
57) Chlorobenzene	11.487	112	2014837	9.126	ppbv	99
58) Ethyl Benzene	12.050	91	3519721	9.549	ppbv	100
59) m/p-Xylene	12.336	91	3435447	10.690	ppbv #	49
60) o-Xylene	13.021	91	2847180	9.234	ppbv	100
61) Styrene	12.860	104	1471363	10.393	ppbv	100
62) Isopropylbenzene	13.989	105	4147259	9.095	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.008	83	2106373	8.790	ppbv	99
64) n-propylbenzene	14.876	120	1082560	9.397	ppbv	97
65) tert-Butylbenzene	16.053	119	3643068	9.144	ppbv	100
66) Benzyl Chloride	16.284	91	270797	10.373	ppbv	99
67) sec-Butylbenzene	16.596	105	5139727	8.860	ppbv	100
69) p-Isopropyltoluene	16.956	119	4172254	9.285	ppbv	100
70) n-Butylbenzene	17.847	91	4423364	9.110	ppbv	100
71) 2-Chlorotoluene	14.760	91	3226401	9.170	ppbv	99
72) 4-Ethyltoluene	15.153	105	3300553	9.585	ppbv	100
73) 1,3,5-Trimethylbenzene	15.313	105	2818795	9.223	ppbv	99
74) 1,2,4-Trimethylbenzene	16.069	105	3113384	8.987	ppbv	95
75) 1,3-Dichlorobenzene	16.291	146	1792235	9.090	ppbv	99
76) 1,4-Dichlorobenzene	16.429	146	1727783	8.880	ppbv	99
77) 1,2-Dichlorobenzene	17.101	146	1741162	8.885	ppbv	100
78) Hexachloro-1,3-Butadiene	22.586	225	990137	7.835	ppbv	99
79) Naphthalene	21.342	128	2314364	11.710	ppbv	97
80) Naphthalene,2-methyl-	24.336	142	498252	14.354	ppbv	92
81) 1,2,4-Trichlorobenzene	21.095	180	1133164	9.827	ppbv	98

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

Quant Time: Jan 24 00:59:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
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QLast Update : Wed Jan 24 00:50:15 2024
Response via : Initial Calibration

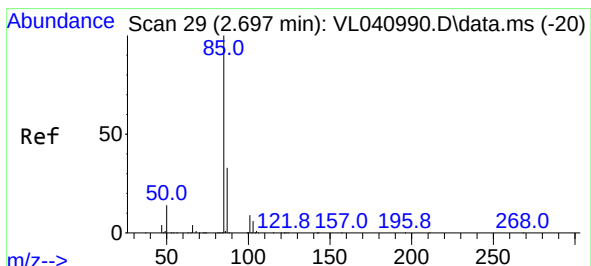
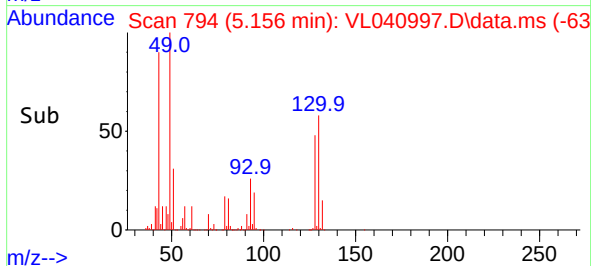
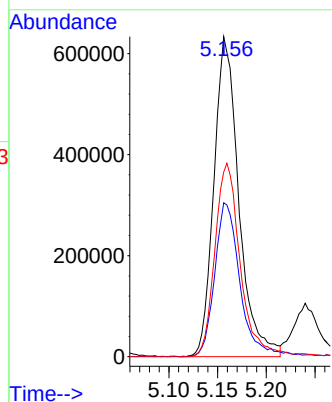
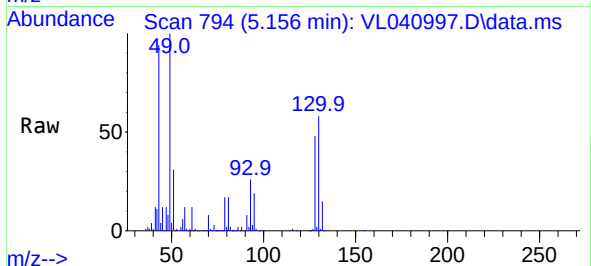




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

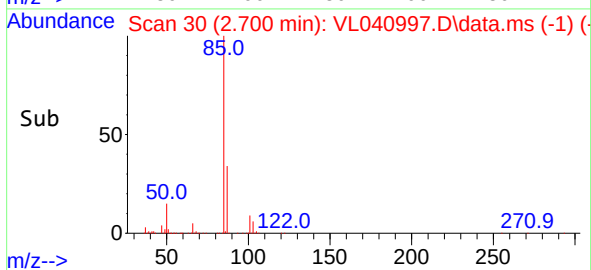
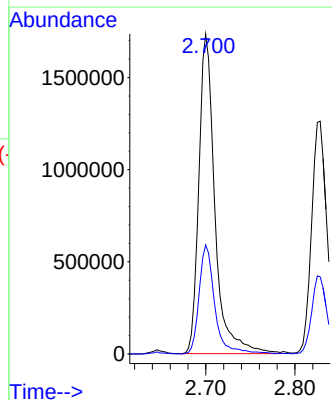
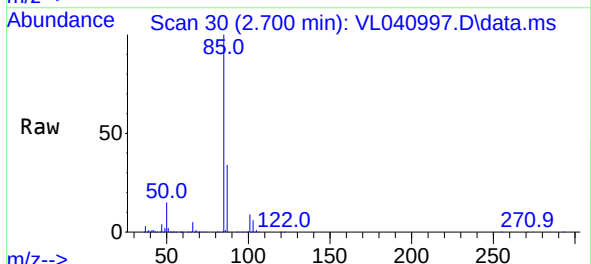
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

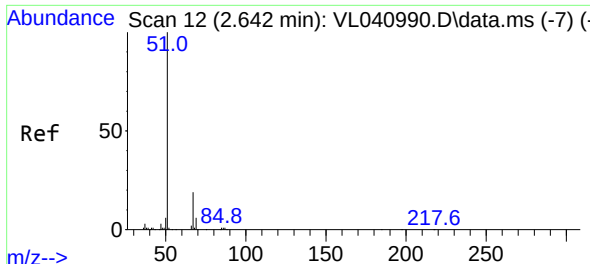
Tgt Ion: 49 Resp: 1125214
Ion Ratio Lower Upper
49 100
128 49.3 23.9 71.7
130 62.8 31.1 93.5



#2
Dichlorodifluoromethane
Concen: 8.771 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 85 Resp: 2179814
Ion Ratio Lower Upper
85 100
87 34.1 26.3 39.5

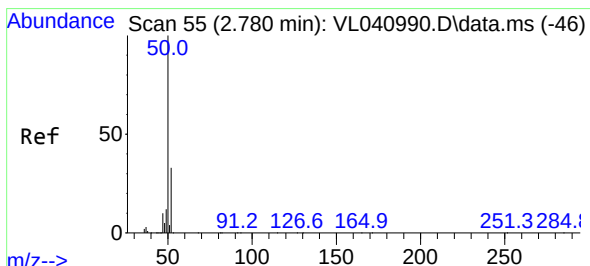
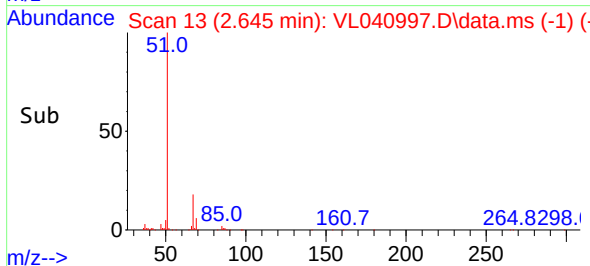
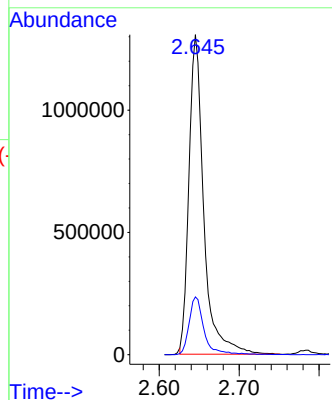
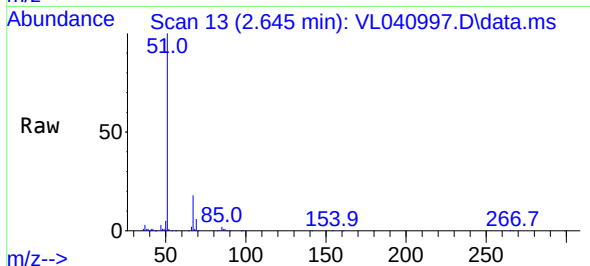




#3
Chlorodifluoromethane
Concen: 8.843 ppbv
RT: 2.645 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

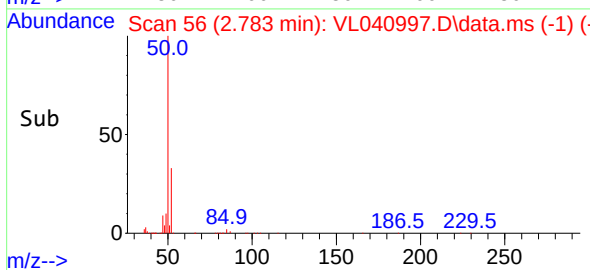
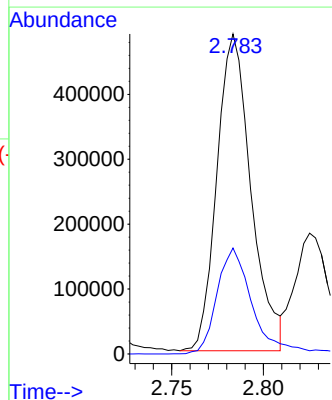
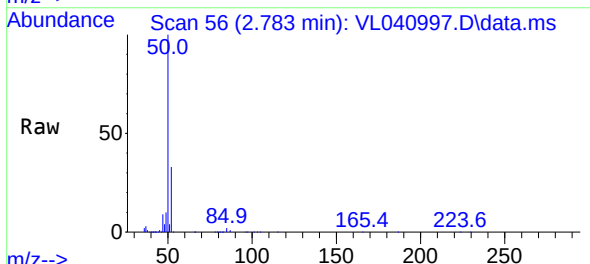
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ClientSampleId :
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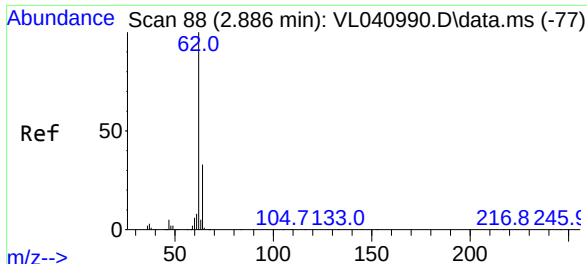
Tgt Ion: 51 Resp: 1673618
Ion Ratio Lower Upper
51 100
67 18.3 14.8 22.2



#4
Chloromethane
Concen: 8.897 ppbv
RT: 2.783 min Scan# 56
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 50 Resp: 631104
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4

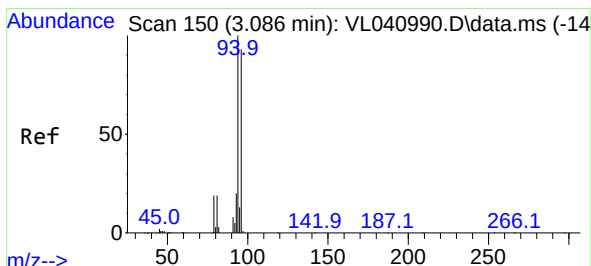
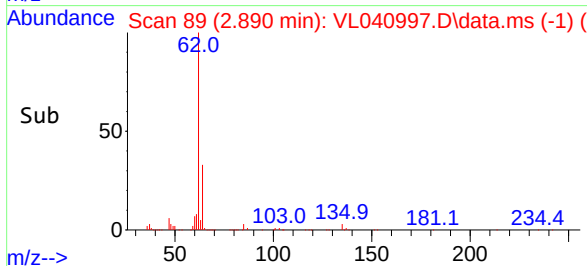
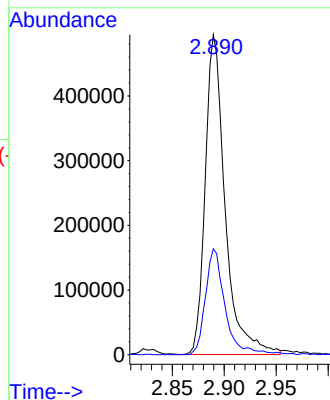
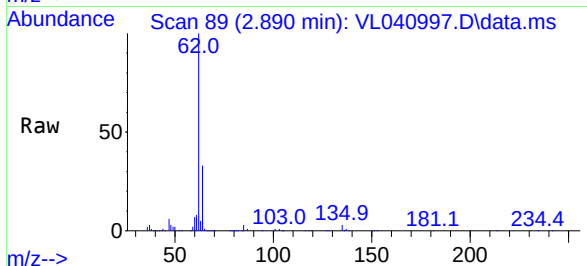




#5
 Vinyl Chloride
 Concen: 9.456 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

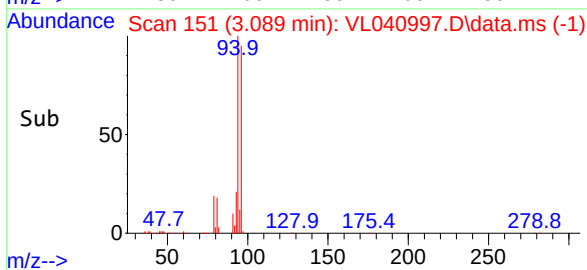
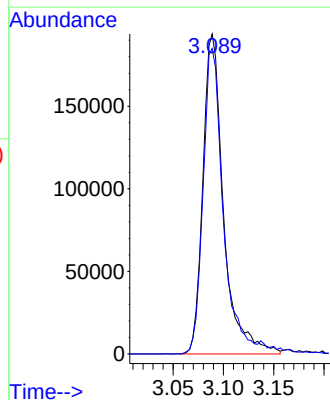
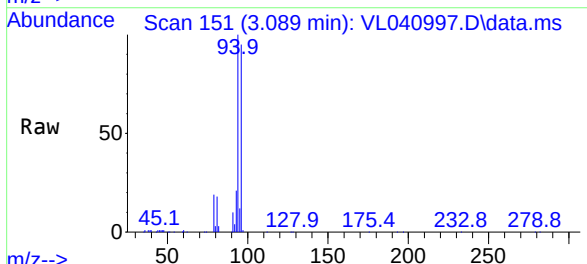
Instrument :
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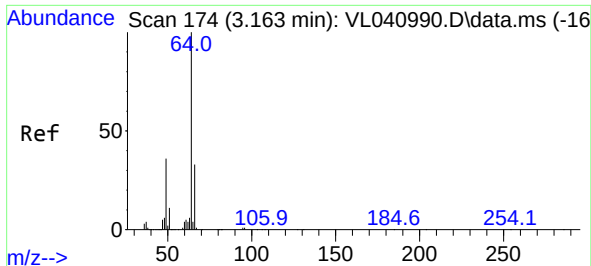
Tgt Ion: 62 Resp: 657694
 Ion Ratio Lower Upper
 62 100
 64 33.1 26.6 40.0



#6
 Bromomethane
 Concen: 9.123 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

Tgt Ion: 94 Resp: 276264
 Ion Ratio Lower Upper
 94 100
 96 95.5 74.2 111.4

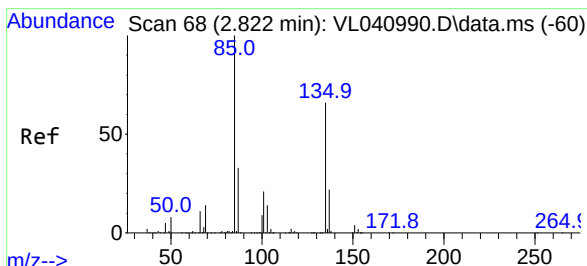
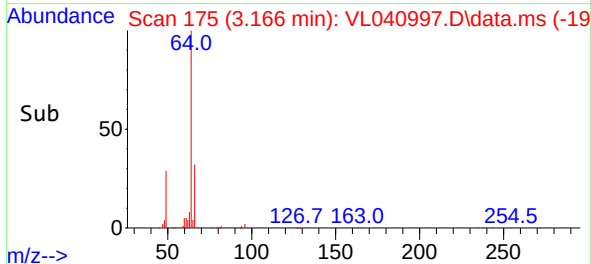
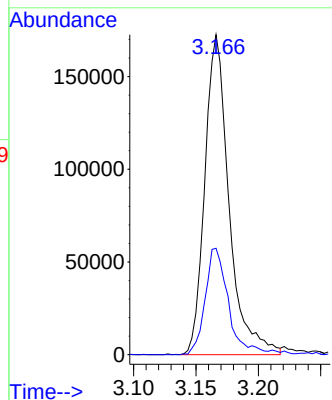
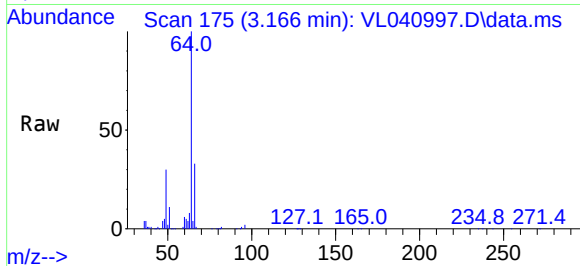




#7
Chloroethane
Concen: 9.319 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

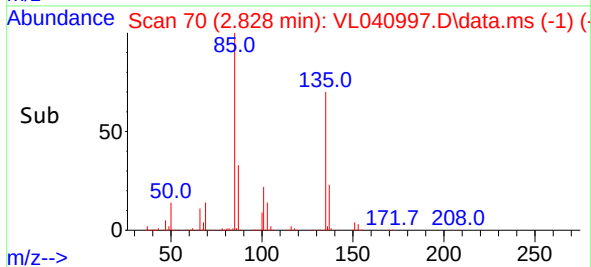
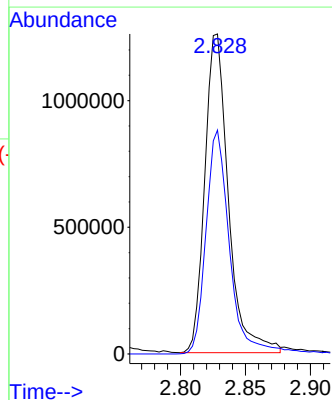
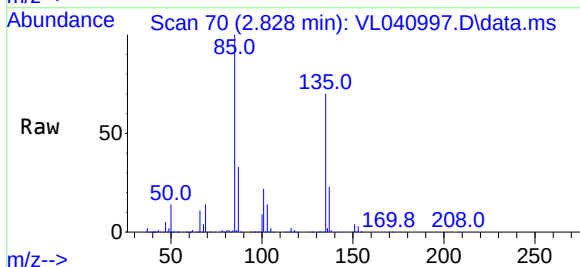
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ClientSampleId :
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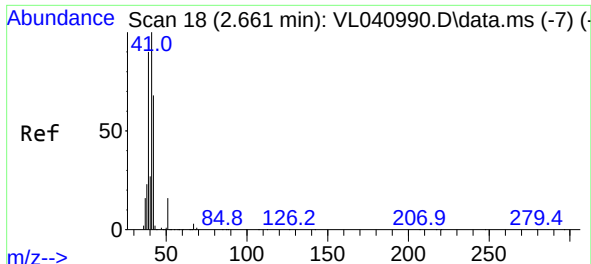
Tgt Ion: 64 Resp: 233387
Ion Ratio Lower Upper
64 100
66 33.3 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 8.590 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 85 Resp: 1594741
Ion Ratio Lower Upper
85 100
135 71.1 55.0 82.6





#9

Propene

Concen: 9.370 ppbv

RT: 2.664 min Scan# 15

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

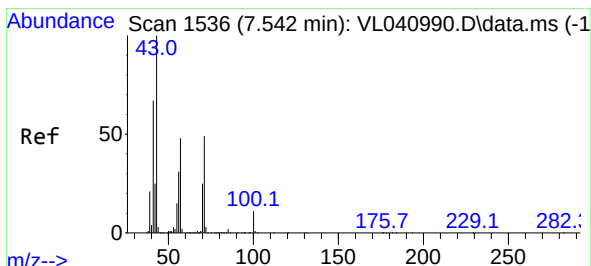
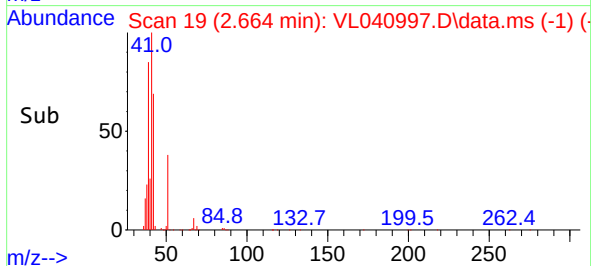
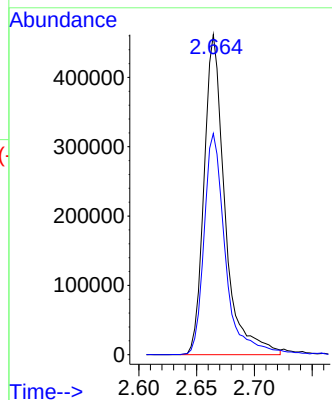
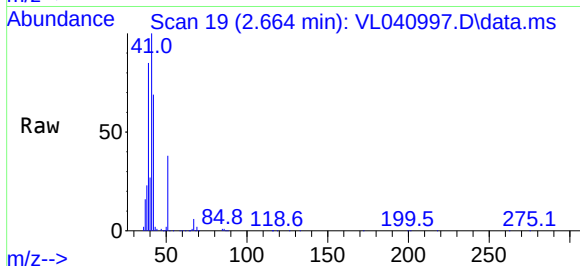
ICVVL012324

Tgt Ion: 41 Resp: 581693

Ion Ratio Lower Upper

41 100

42 71.4 59.0 88.4



#10

Heptane

Concen: 9.280 ppbv

RT: 7.545 min Scan# 1537

Delta R.T. 0.003 min

Lab File: VL040997.D

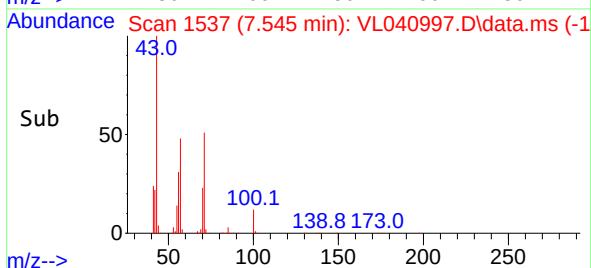
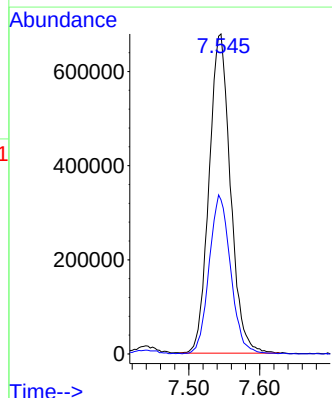
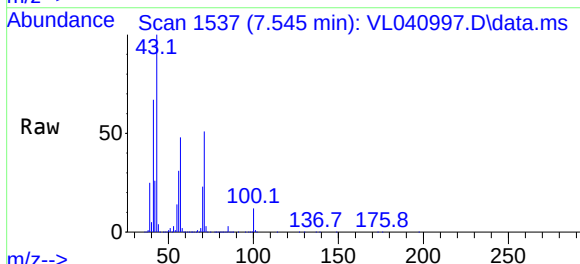
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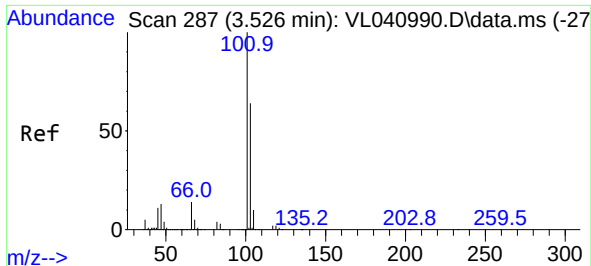
Tgt Ion: 43 Resp: 1417812

Ion Ratio Lower Upper

43 100

57 50.1 39.4 59.2

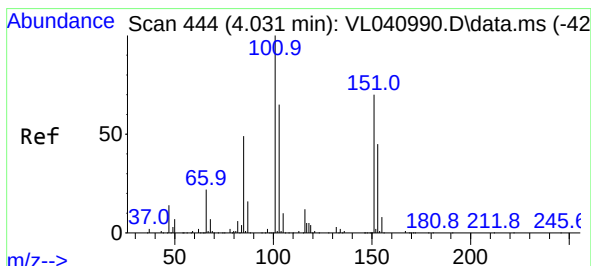
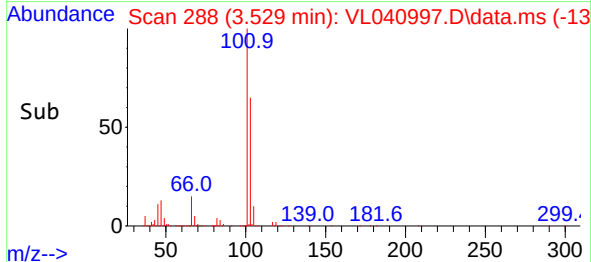
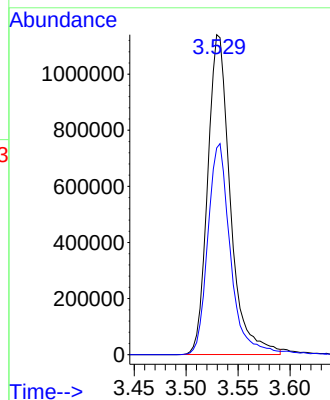
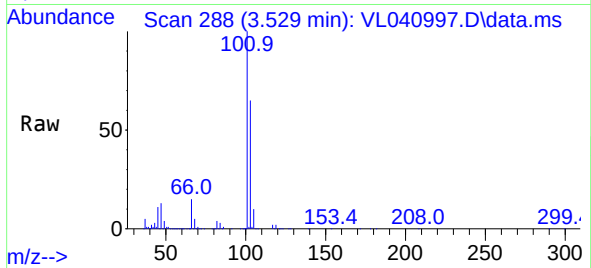




#11
Trichlorofluoromethane
Concen: 8.633 ppbv
RT: 3.529 min Scan# 287
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

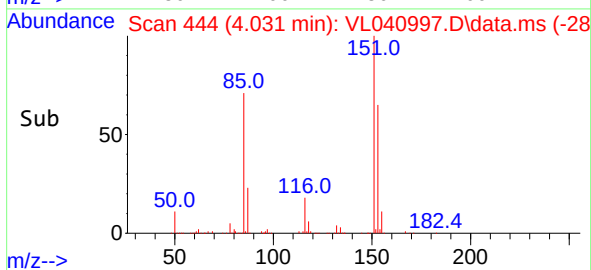
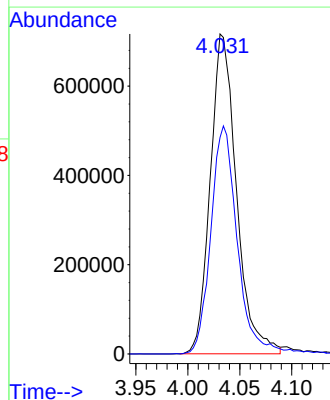
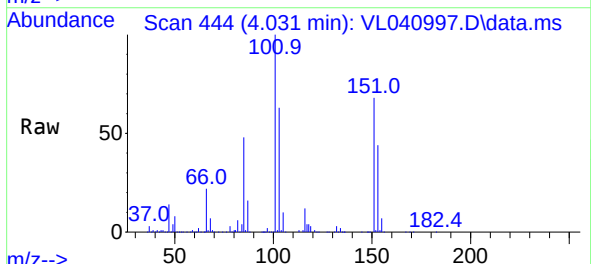
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

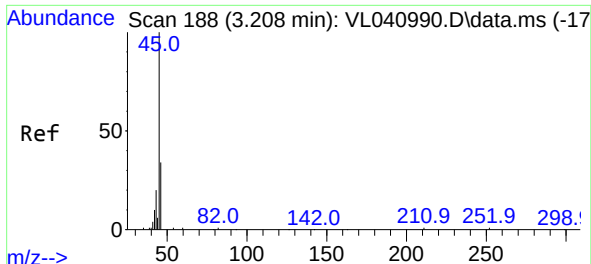
Tgt Ion:101 Resp: 1728792
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.658 ppbv
RT: 4.031 min Scan# 444
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:101 Resp: 1256574
Ion Ratio Lower Upper
101 100
151 72.7 56.6 85.0

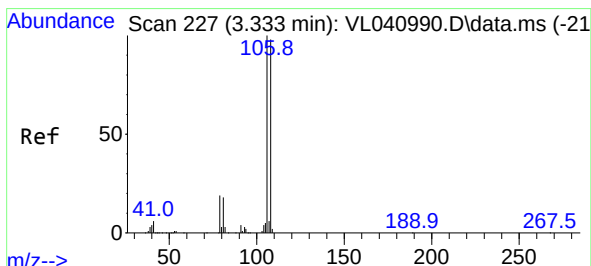
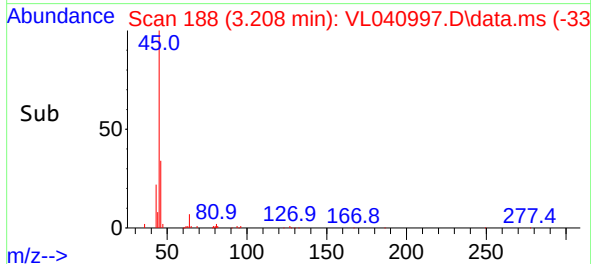
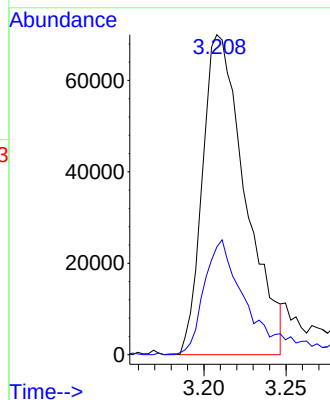
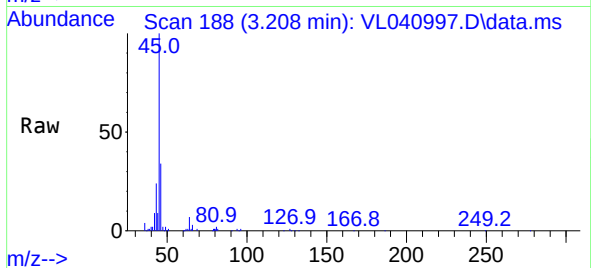




#13
Ethanol
Concen: 8.588 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

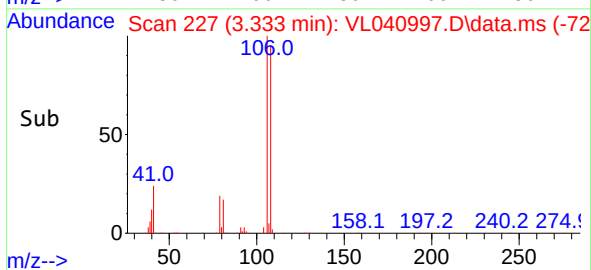
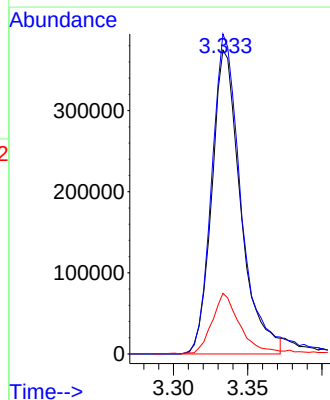
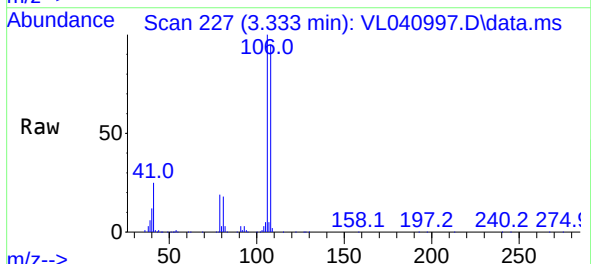
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

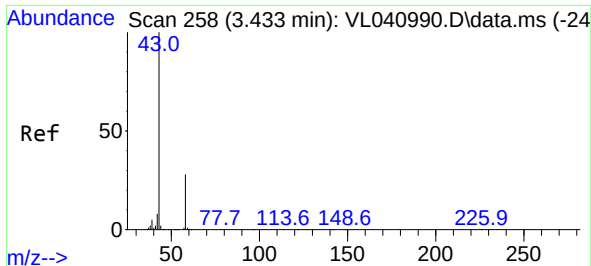
Tgt Ion: 45 Resp: 127060
Ion Ratio Lower Upper
45 100
46 38.2 16.2 64.8



#14
Bromoethene
Concen: 9.088 ppbv
RT: 3.333 min Scan# 227
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 108 Resp: 506443
Ion Ratio Lower Upper
108 100
106 111.1 86.4 129.6
79 20.6 16.2 24.4

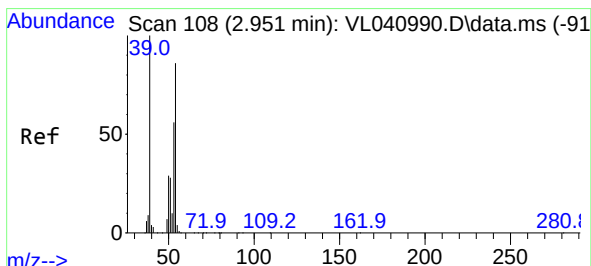
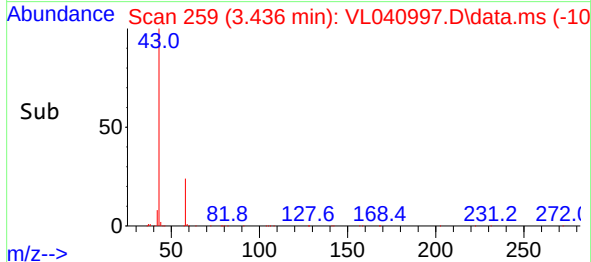
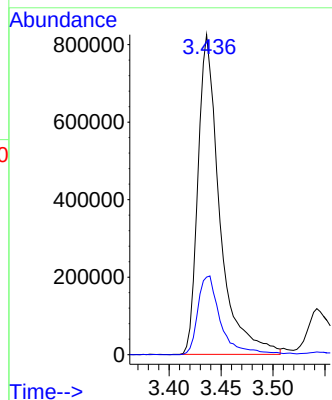
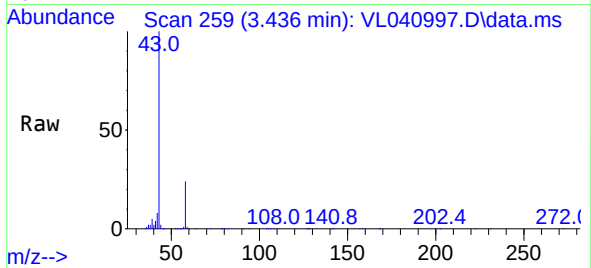




#15
Acetone
Concen: 8.327 ppbv
RT: 3.436 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

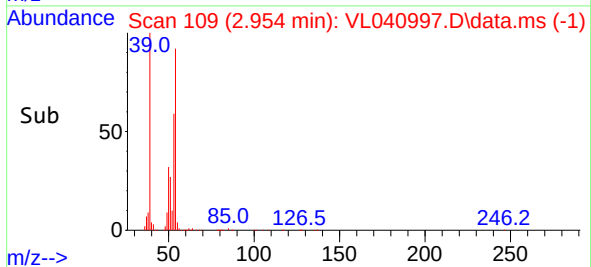
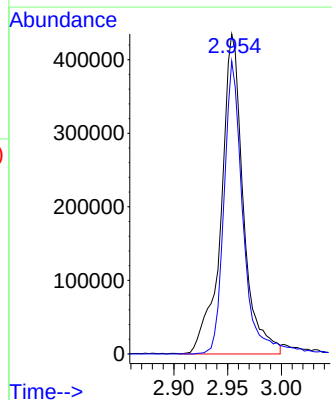
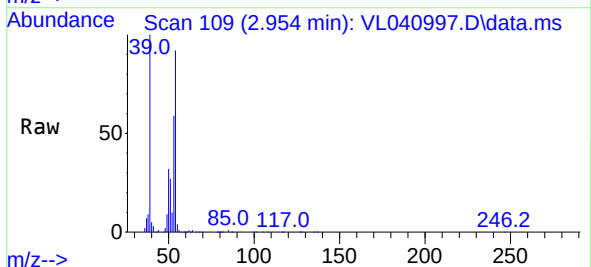
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

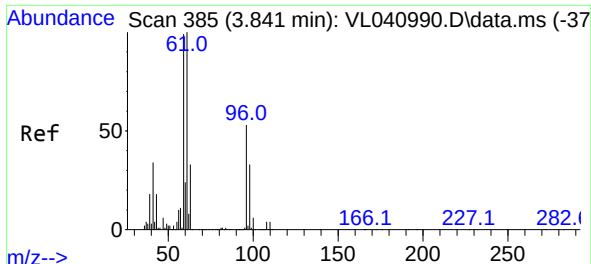
Tgt Ion: 43 Resp: 1198239
Ion Ratio Lower Upper
43 100
58 26.1 22.2 33.2



#16
1,3-Butadiene
Concen: 9.066 ppbv
RT: 2.954 min Scan# 109
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 39 Resp: 624039
Ion Ratio Lower Upper
39 100
54 79.6 62.7 94.1

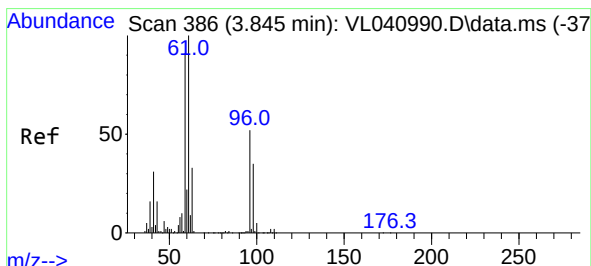
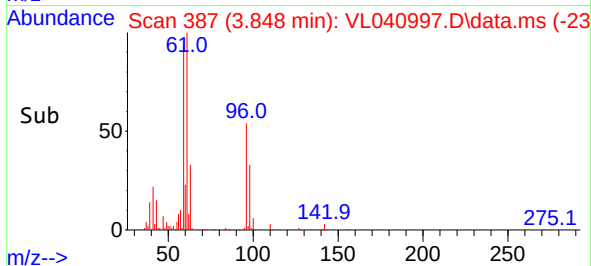
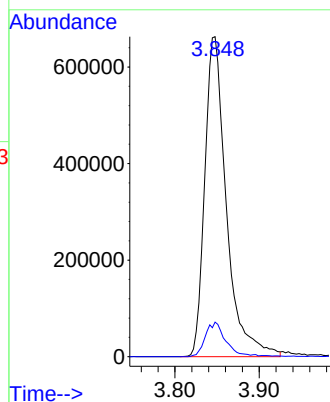
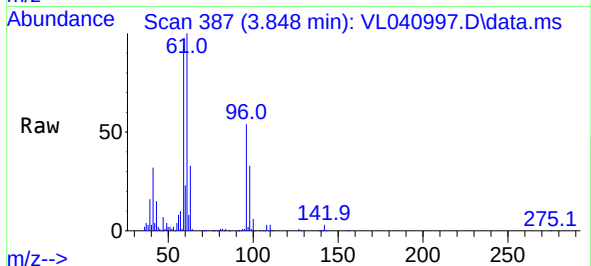




#17
tert-Butyl alcohol
Concen: 10.043 ppbv
RT: 3.848 min Scan# 387
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

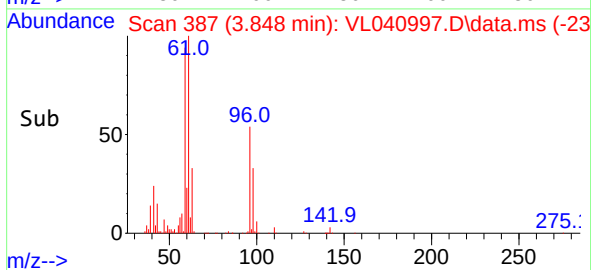
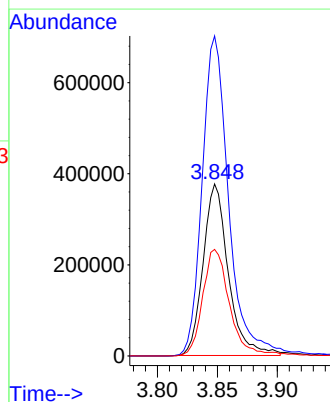
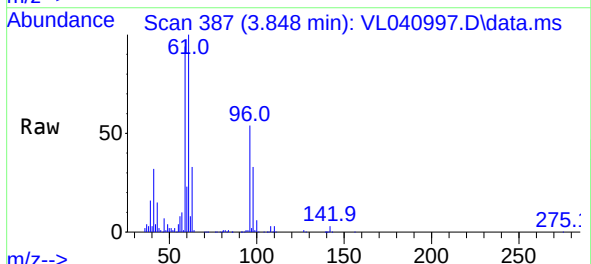
Instrument :
MSVOA_1
ClientSampleId :
ICVVL012324

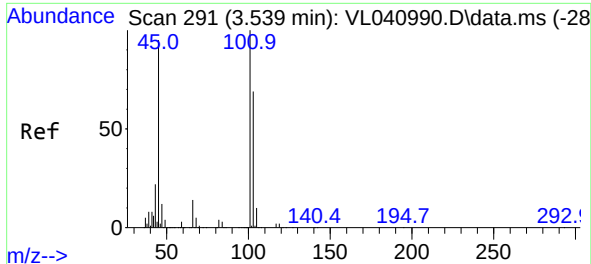
Tgt Ion: 59 Resp: 1185235
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#18
1,1-Dichloroethene
Concen: 8.920 ppbv
RT: 3.848 min Scan# 387
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 96 Resp: 554222
Ion Ratio Lower Upper
96 100
61 185.5 153.8 230.8
98 61.6 53.7 80.5





#19

Isopropyl Alcohol

Concen: 9.697 ppbv

RT: 3.545 min Scan# 291

Delta R.T. 0.006 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

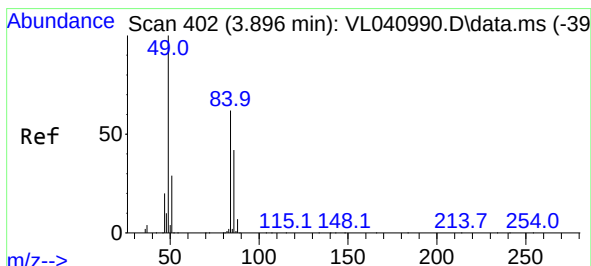
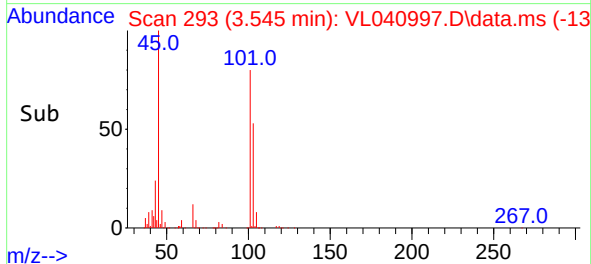
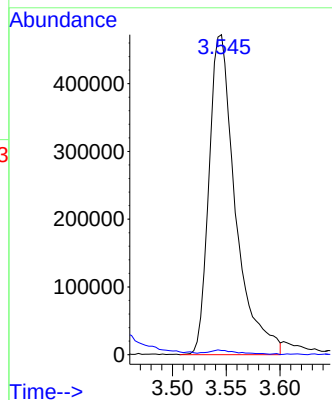
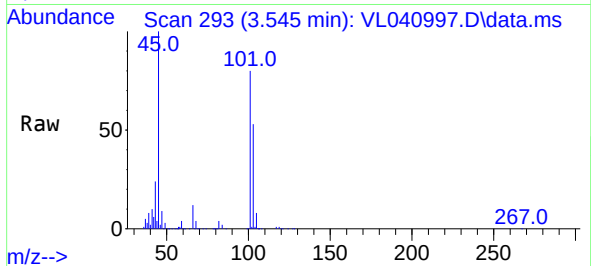
ICVVL012324

Tgt Ion: 45 Resp: 807713

Ion Ratio Lower Upper

45 100

58 1.7 2.2 3.4#



#20

Methylene Chloride

Concen: 8.227 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.006 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Tgt Ion: 84 Resp: 455516

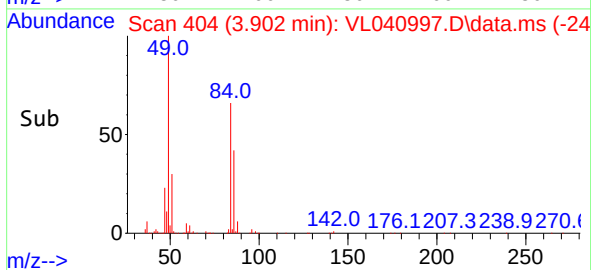
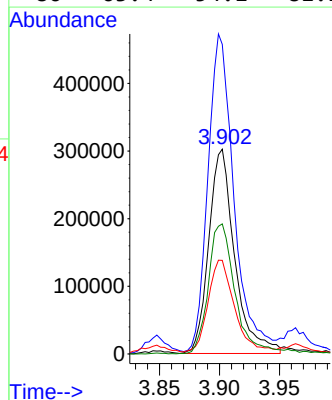
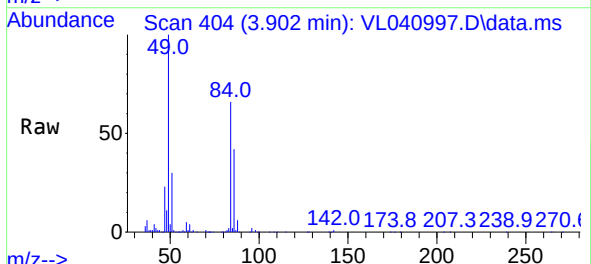
Ion Ratio Lower Upper

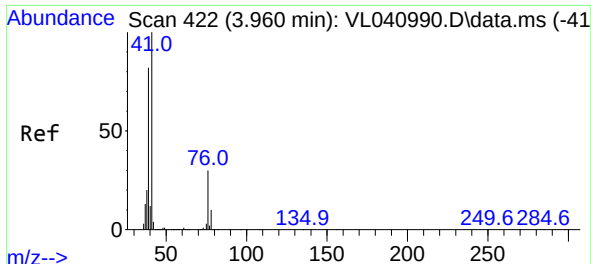
84 100

49 149.9 128.1 192.1

51 44.6 36.5 54.7

86 63.4 54.1 81.1

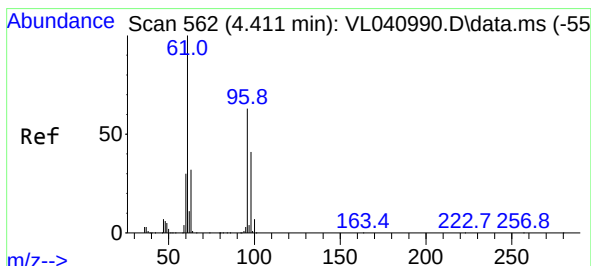
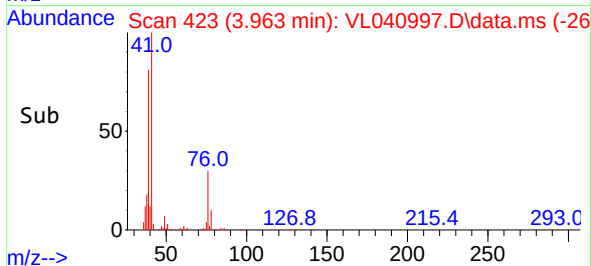
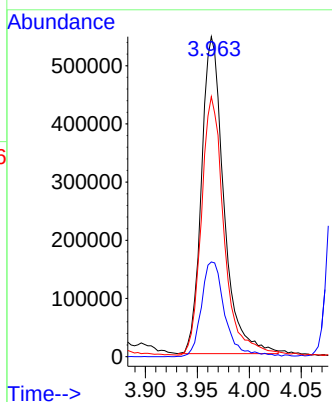
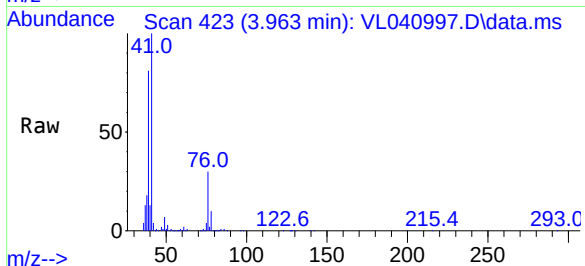




#21
 Allyl Chloride
 Concen: 9.334 ppbv
 RT: 3.963 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

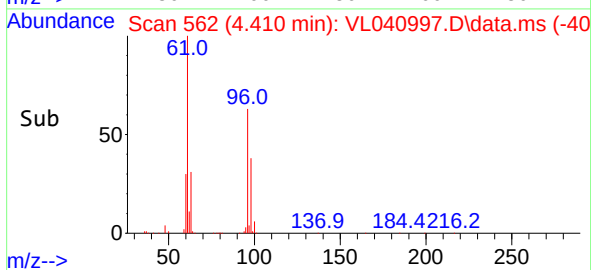
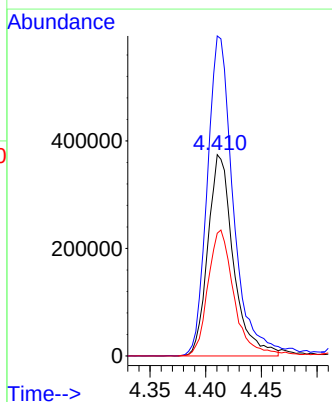
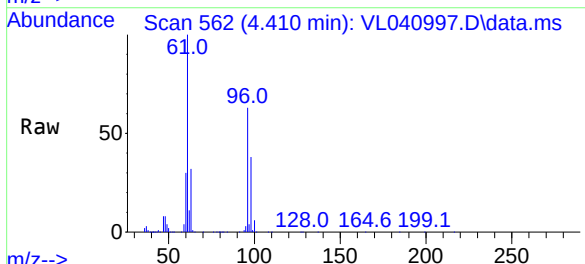
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012324

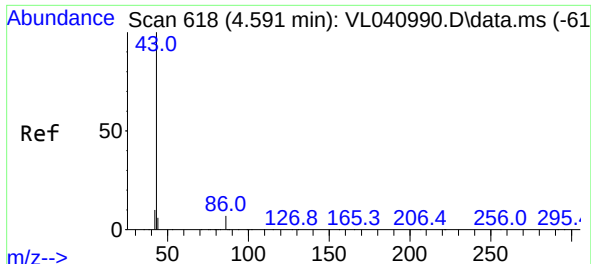
Tgt Ion: 41 Resp: 816081
 Ion Ratio Lower Upper
 41 100
 76 31.5 25.0 37.4
 39 83.6 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.332 ppbv
 RT: 4.410 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

Tgt Ion: 96 Resp: 597083
 Ion Ratio Lower Upper
 96 100
 61 158.9 126.0 189.0
 98 61.0 51.2 76.8



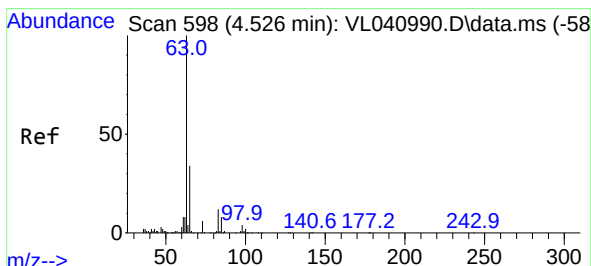
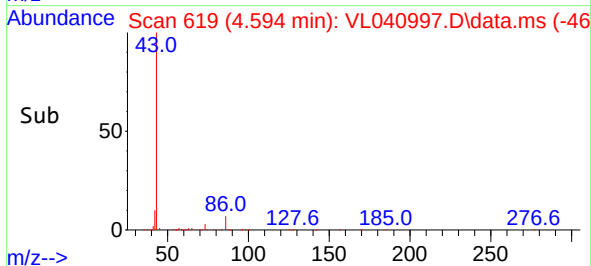
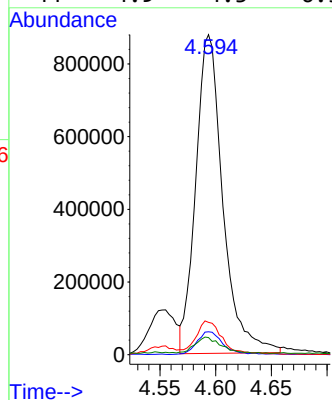
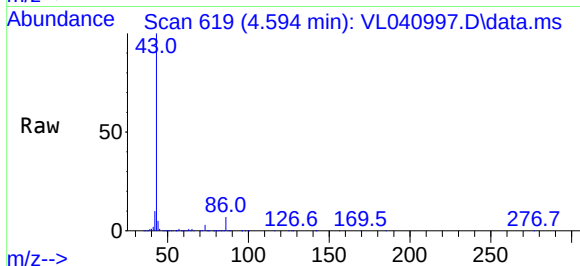


#23
 Vinyl Acetate
 Concen: 10.004 ppbv
 RT: 4.594 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL012324

Tgt Ion: 43 Resp: 1483792

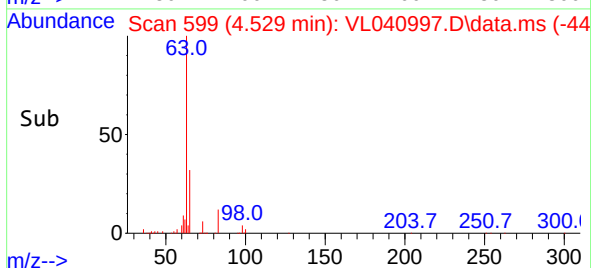
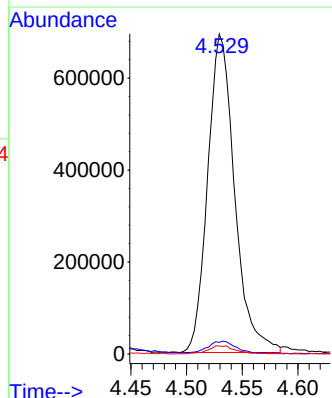
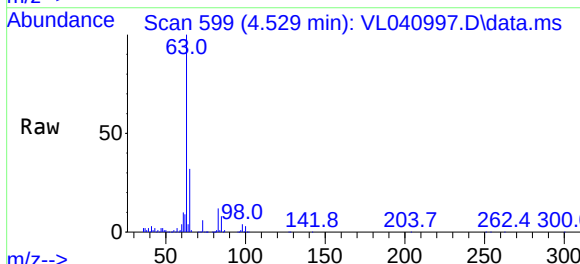
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.4	8.0
42	10.1	8.6	13.0
44	4.9	4.3	6.5

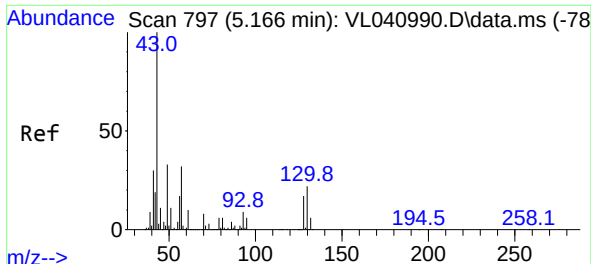


#24
 1,1-Dichloroethane
 Concen: 8.863 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

Tgt Ion: 63 Resp: 1166193

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.1	6.3
100	2.4	1.3	3.9



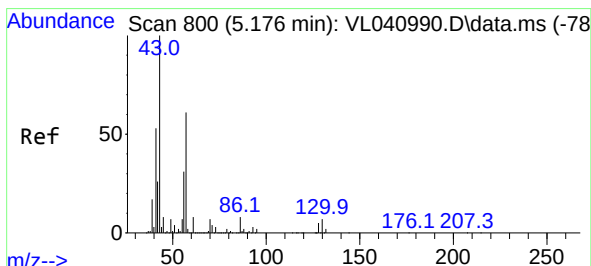
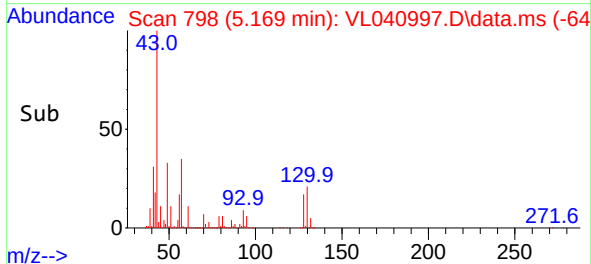
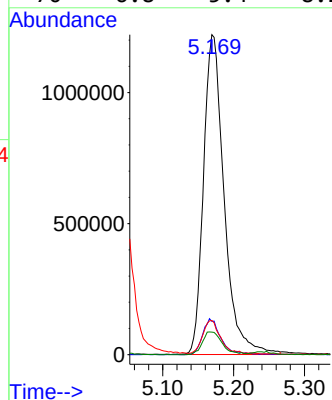
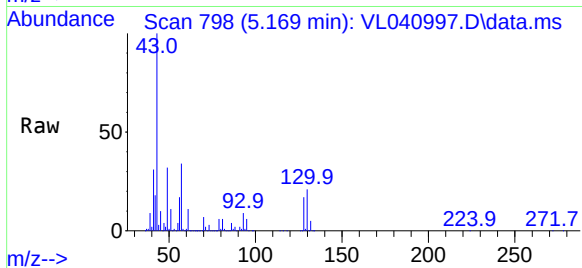


#25
Ethyl Acetate
Concen: 9.443 ppbv
RT: 5.169 min Scan# 798
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

Tgt Ion: 43 Resp: 2463838

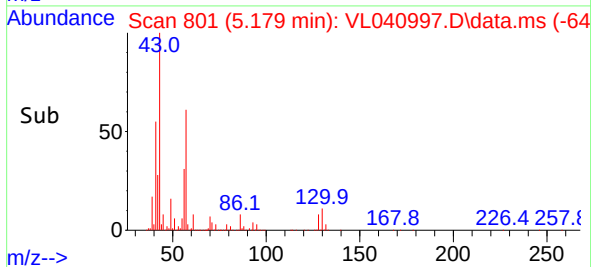
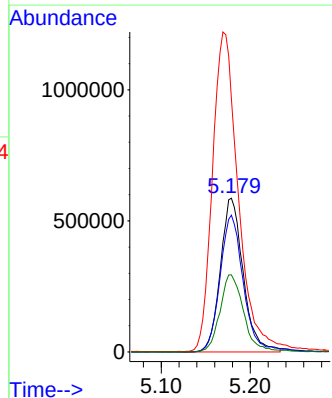
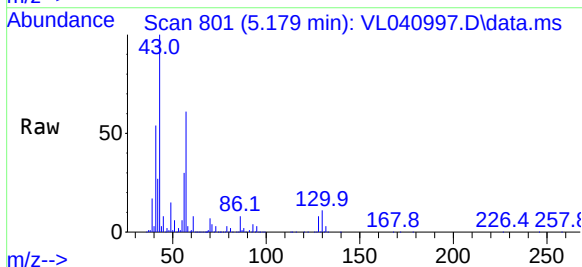
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	10.1	7.9	11.9
70	6.8	5.4	8.2

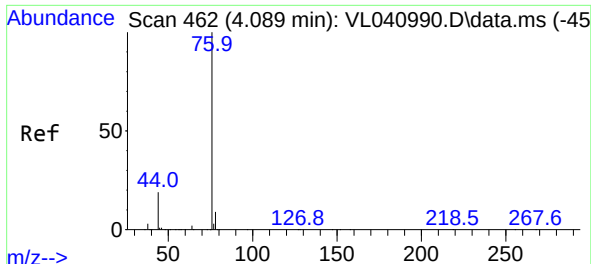


#26
Hexane
Concen: 9.391 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 57 Resp: 1044424

Ion	Ratio	Lower	Upper
57	100		
41	92.3	74.4	111.6
43	238.0	190.6	285.8
56	52.4	43.0	64.4

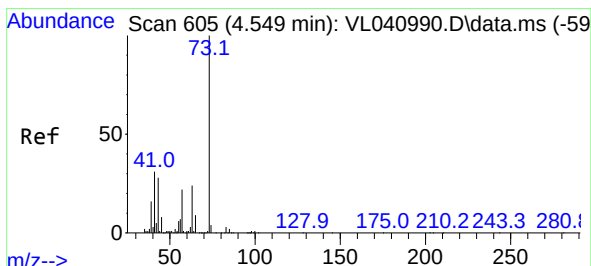
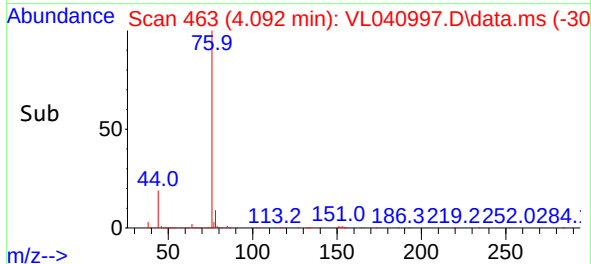
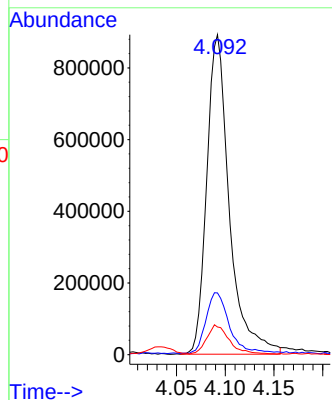
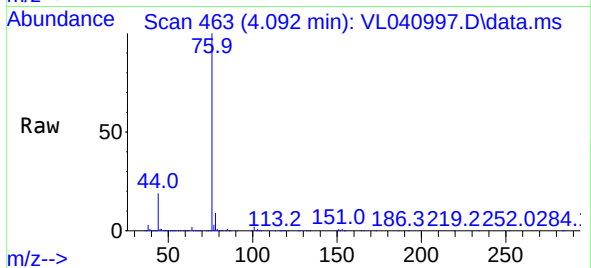




#27
Carbon Disulfide
Concen: 9.925 ppbv
RT: 4.092 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

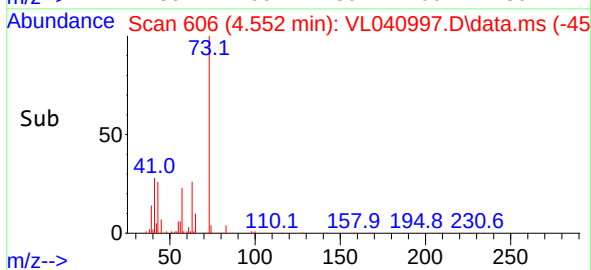
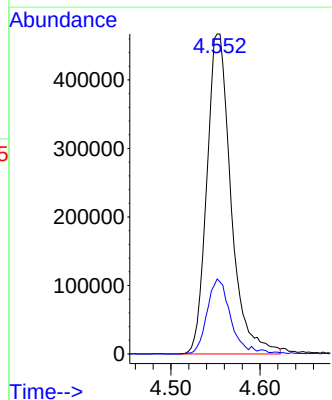
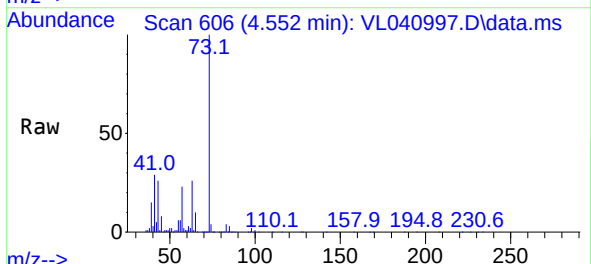
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

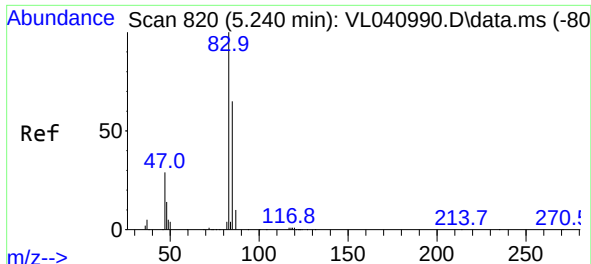
Tgt Ion: 76 Resp: 1436384
Ion Ratio Lower Upper
76 100
44 20.6 16.0 24.0
78 9.7 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.523 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 73 Resp: 879026
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0





#29

Chloroform

Concen: 8.986 ppbv

RT: 5.243 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

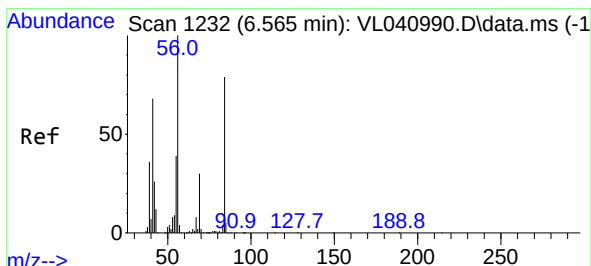
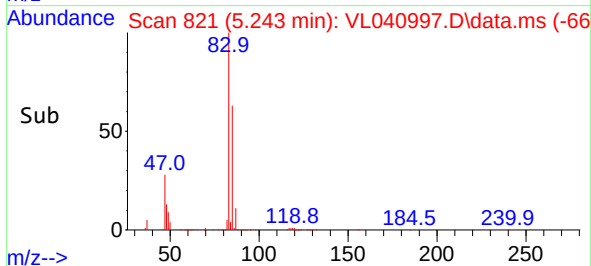
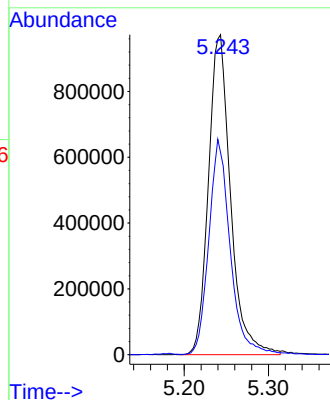
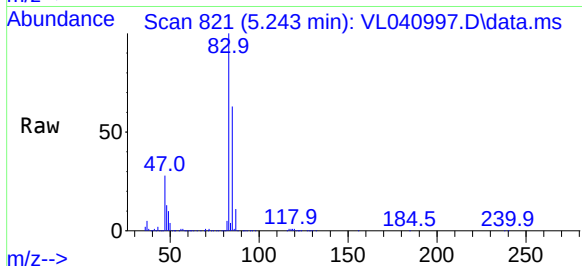
ICVVL012324

Tgt Ion: 83 Resp: 1772384

Ion Ratio Lower Upper

83 100

85 63.1 51.6 77.4



#30

Cyclohexane

Concen: 9.795 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

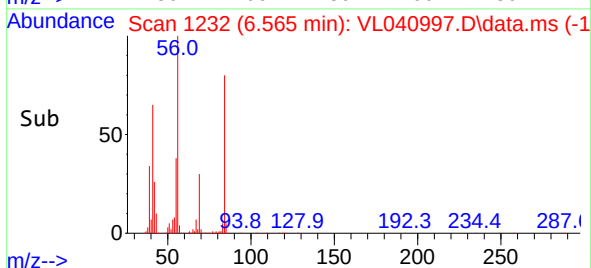
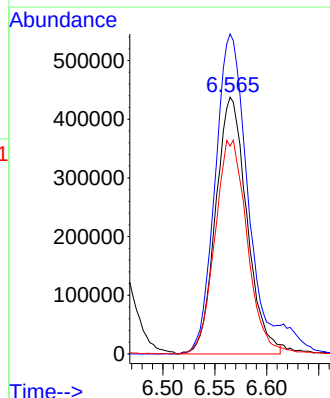
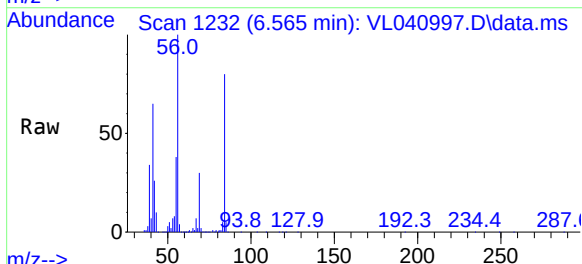
Tgt Ion: 84 Resp: 912728

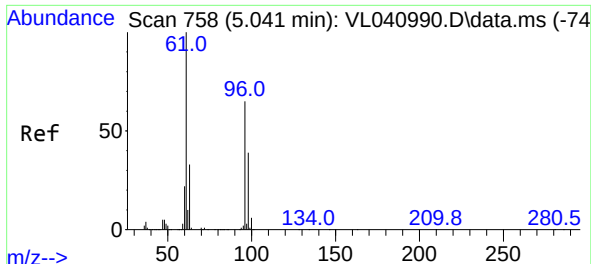
Ion Ratio Lower Upper

84 100

56 136.2 111.7 167.5

41 87.0 71.0 106.6

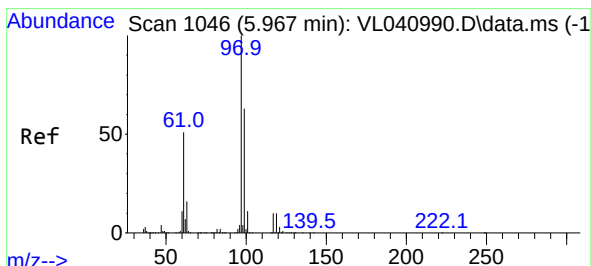
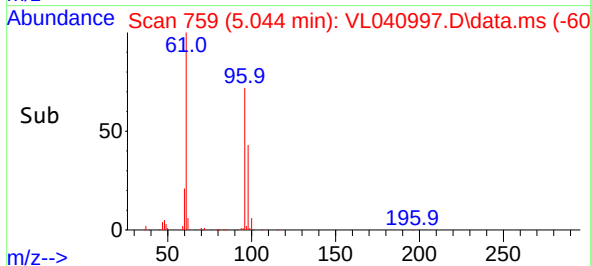
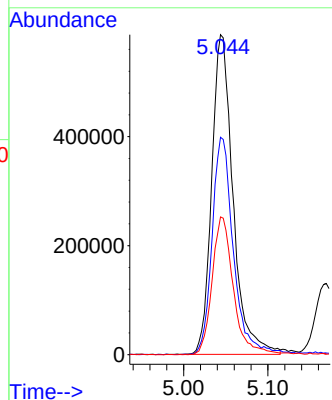
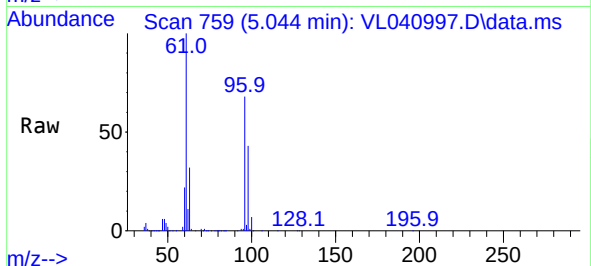




#31
cis-1,2-Dichloroethene
Concen: 9.872 ppbv
RT: 5.044 min Scan# 758
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

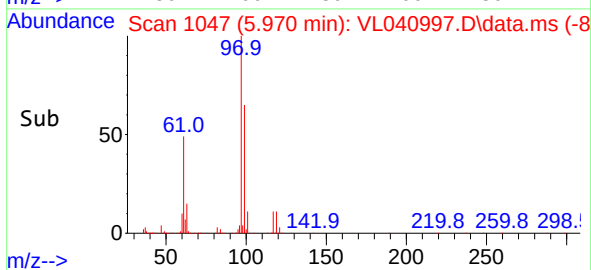
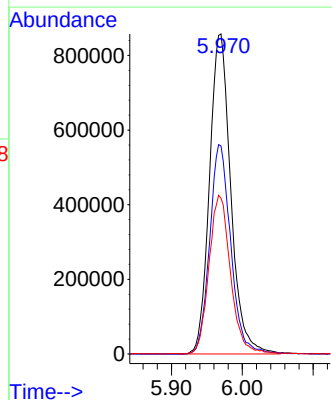
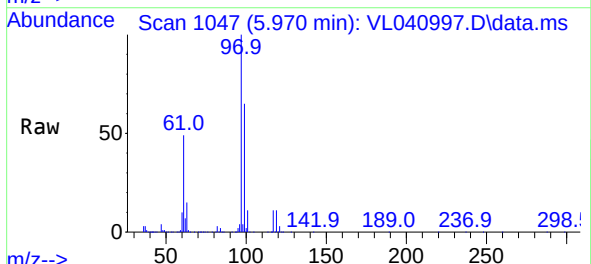
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

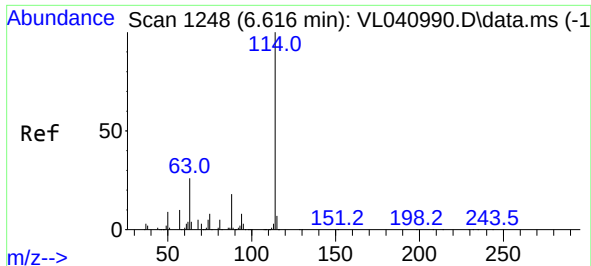
Tgt Ion: 61 Resp: 1030381
Ion Ratio Lower Upper
61 100
96 67.9 51.9 77.9
98 43.0 31.5 47.3



#32
1,1,1-Trichloroethane
Concen: 9.480 ppbv
RT: 5.970 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 97 Resp: 1787132
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 50.3 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

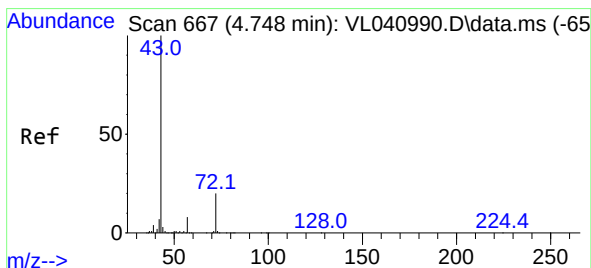
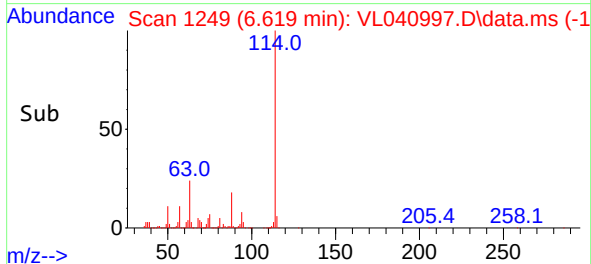
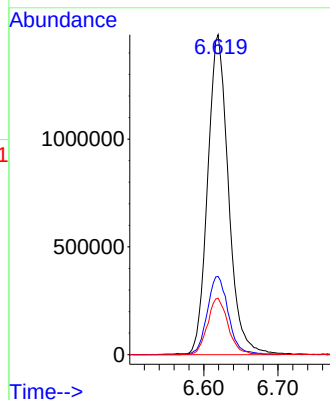
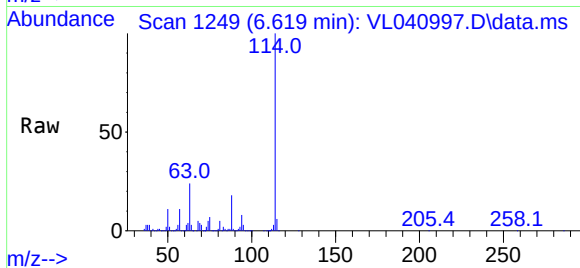
Tgt Ion:114 Resp: 2886208

Ion Ratio Lower Upper

114 100

63 25.3 20.8 31.2

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 9.722 ppbv

RT: 4.751 min Scan# 668

Delta R.T. 0.003 min

Lab File: VL040997.D

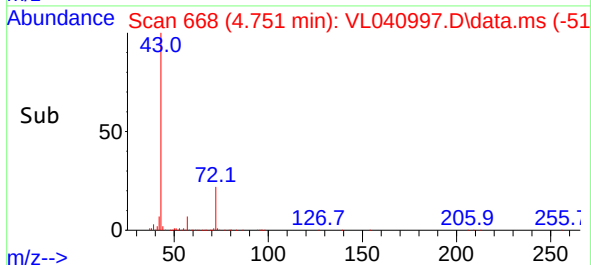
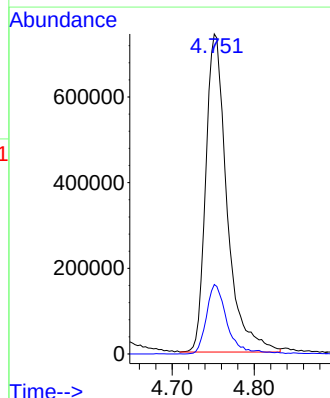
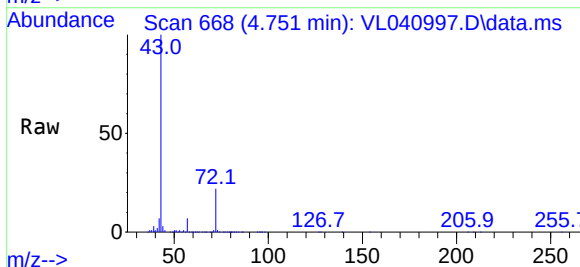
Acq: 23 Jan 2024 14:12

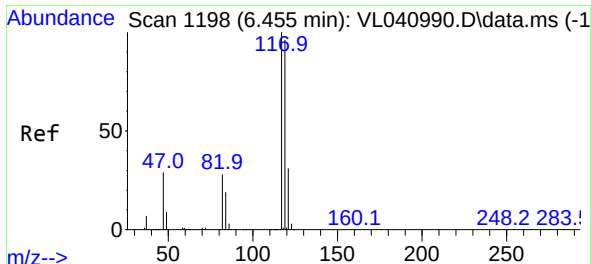
Tgt Ion: 43 Resp: 1336857

Ion Ratio Lower Upper

43 100

72 21.7 17.5 26.3

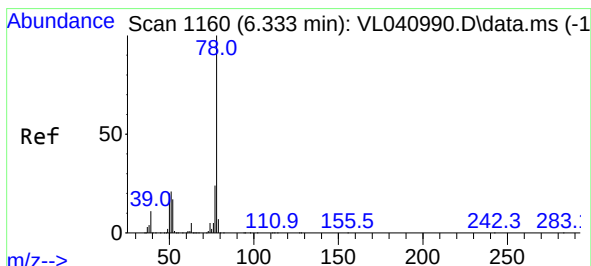
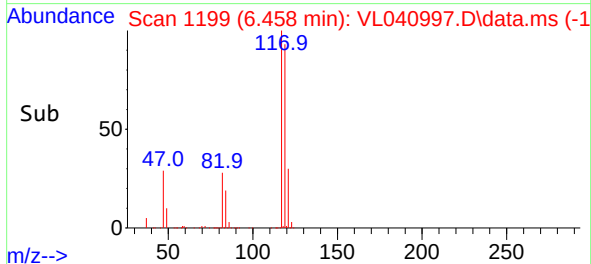
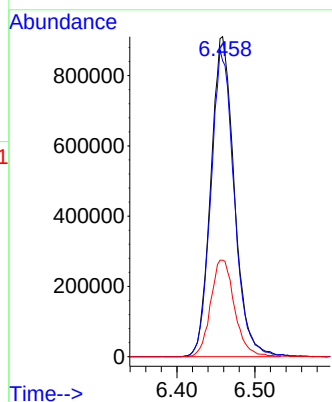
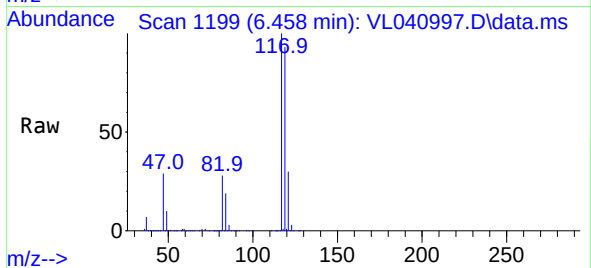




#35
Carbon Tetrachloride
Concen: 9.905 ppbv
RT: 6.458 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

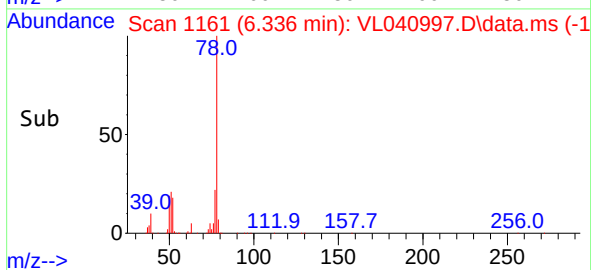
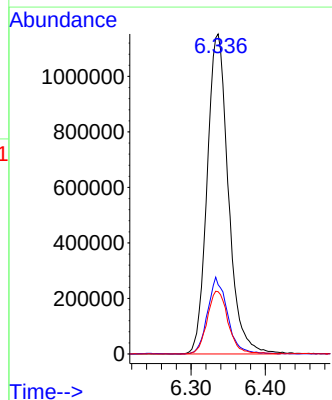
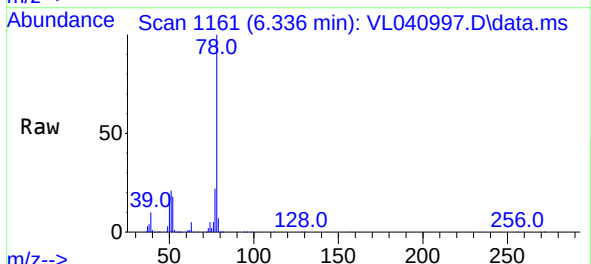
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

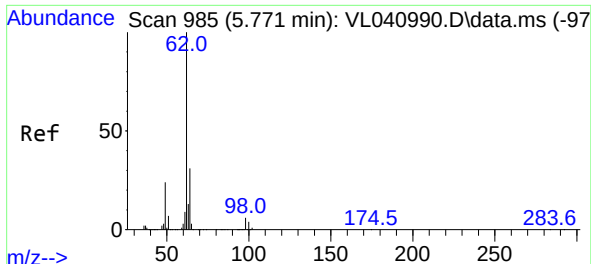
Tgt Ion:117 Resp: 1906324
Ion Ratio Lower Upper
117 100
119 92.5 76.9 115.3
121 30.2 24.7 37.1



#36
Benzene
Concen: 9.580 ppbv
RT: 6.336 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 78 Resp: 2283528
Ion Ratio Lower Upper
78 100
77 21.6 19.0 28.4
50 19.4 15.8 23.6

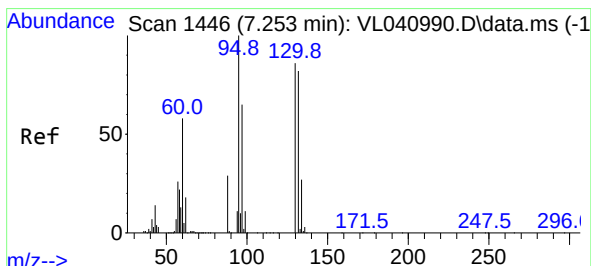
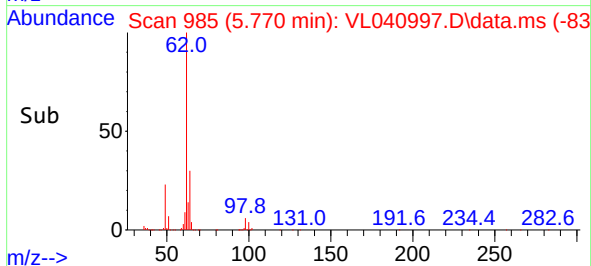
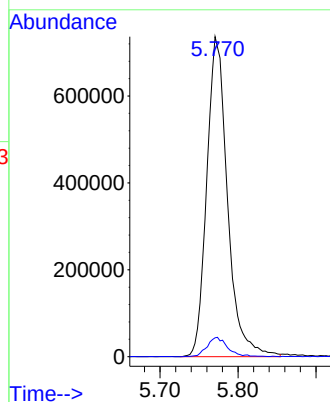
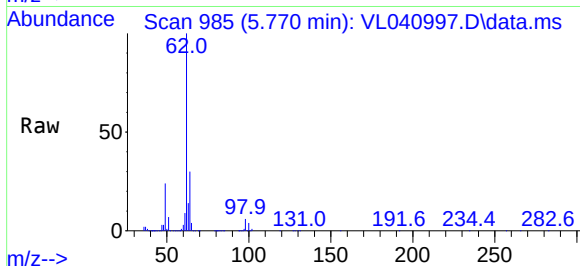




#37
1,2-Dichloroethane
Concen: 9.366 ppbv
RT: 5.770 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

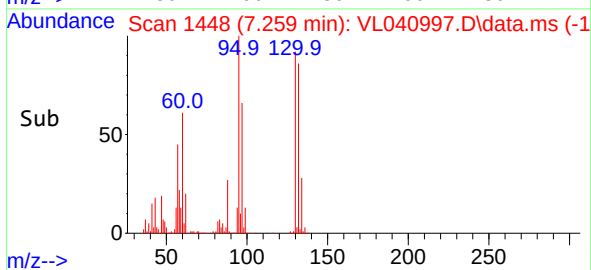
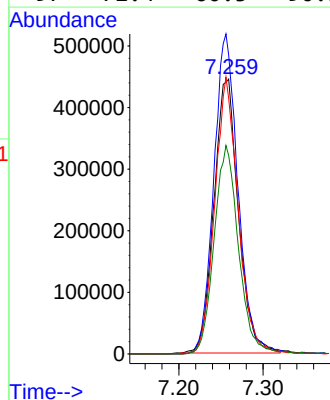
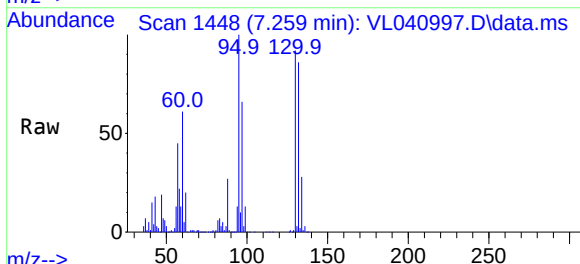
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

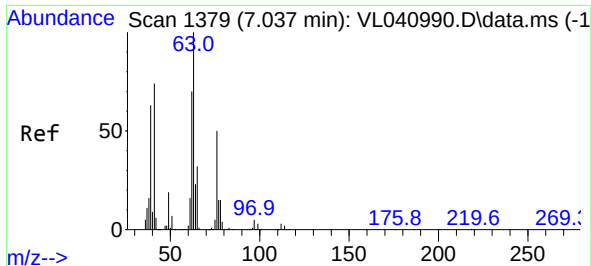
Tgt Ion: 62 Resp: 1362371
Ion Ratio Lower Upper
62 100
98 6.1 4.7 7.1



#38
Trichloroethene
Concen: 9.389 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:130 Resp: 897200
Ion Ratio Lower Upper
130 100
95 109.1 92.9 139.3
132 93.2 76.2 114.2
97 72.4 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.441 ppbv

RT: 7.037 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

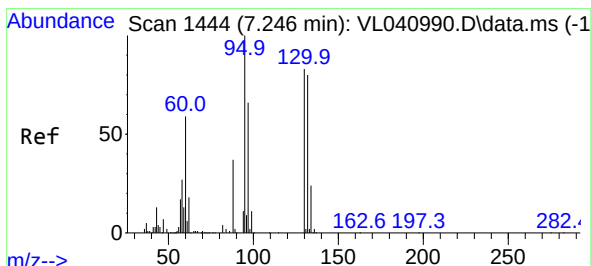
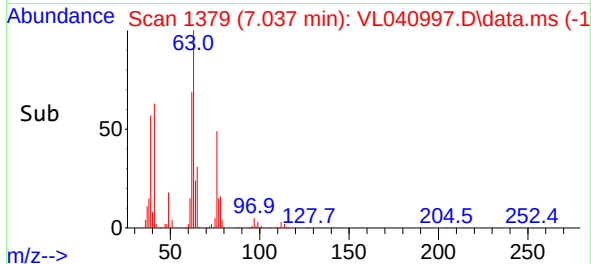
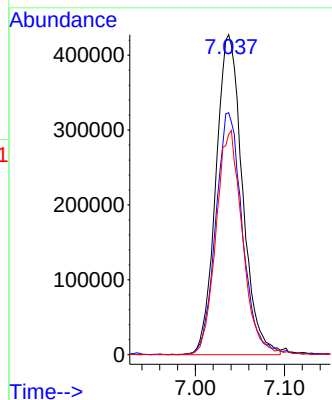
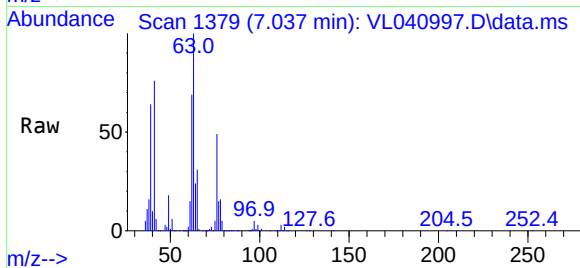
Tgt Ion: 63 Resp: 886581

Ion Ratio Lower Upper

63 100

41 75.4 59.6 89.4

62 68.8 55.6 83.4



#40

1,4-Dioxane

Concen: 9.869 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Tgt Ion: 88 Resp: 384899

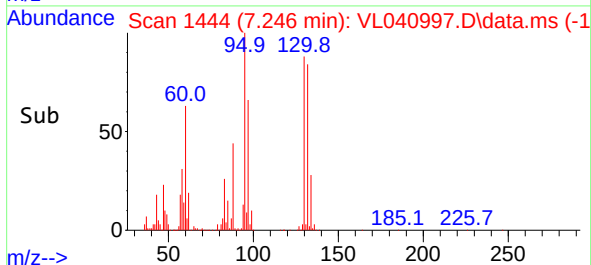
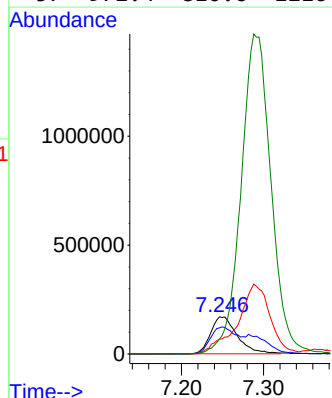
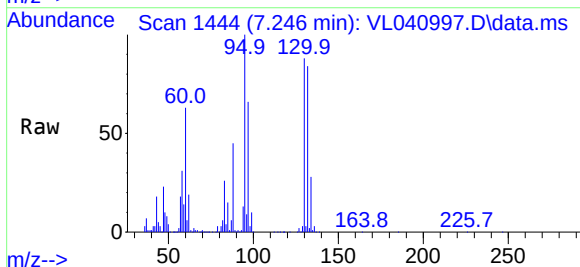
Ion Ratio Lower Upper

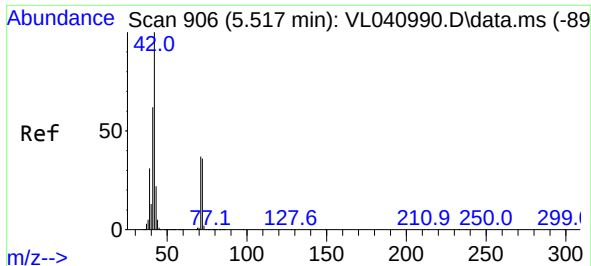
88 100

58 117.8 96.6 144.8

43 228.5 191.0 286.6

57 972.4 810.6 1216.0

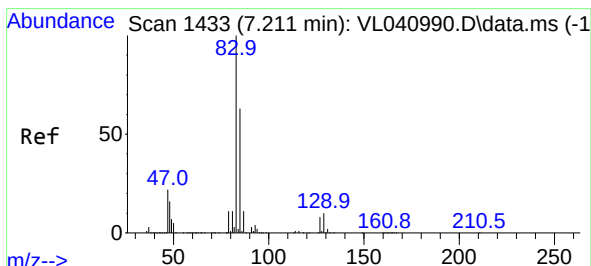
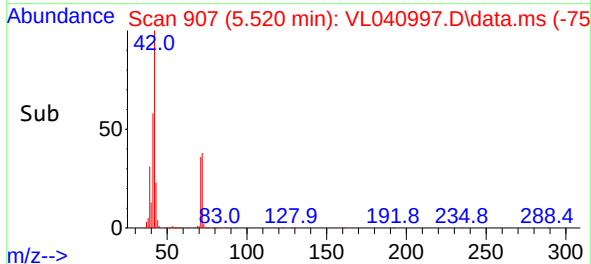
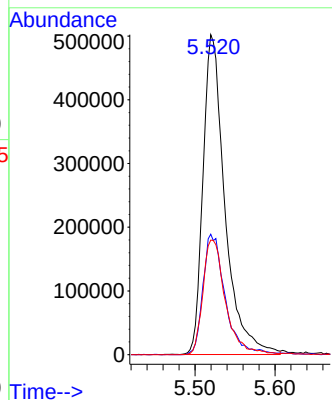
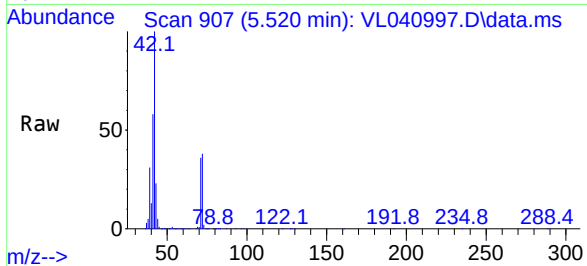




#41
Tetrahydrofuran
Concen: 10.258 ppbv
RT: 5.520 min Scan# 906
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

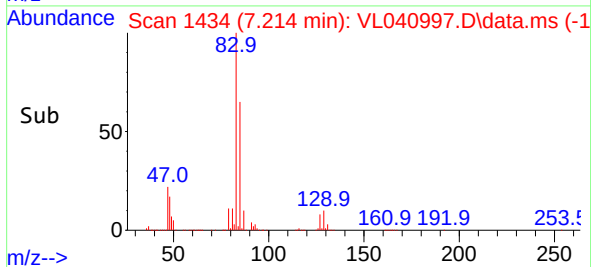
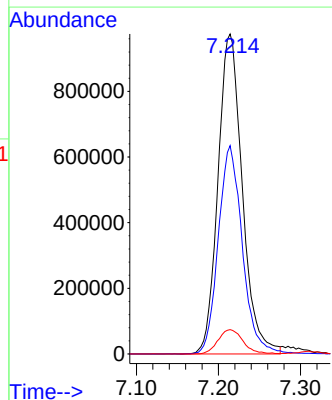
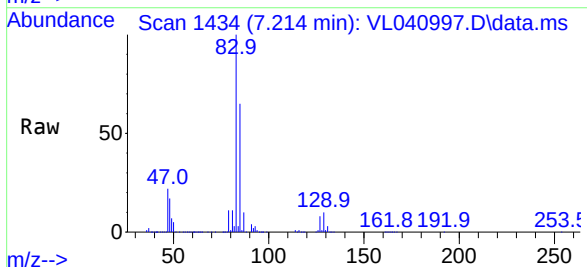
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

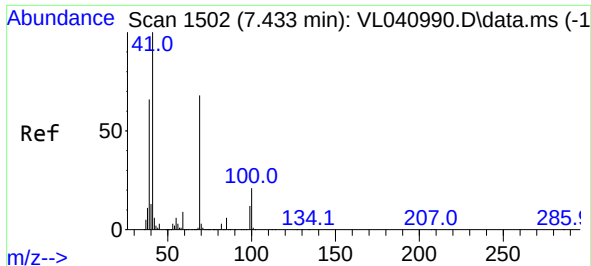
Tgt Ion: 42 Resp: 957718
Ion Ratio Lower Upper
42 100
72 38.6 30.0 45.0
71 37.3 29.5 44.3



#42
Bromodichloromethane
Concen: 9.657 ppbv
RT: 7.214 min Scan# 1434
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 83 Resp: 2010011
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 7.6 6.4 9.6

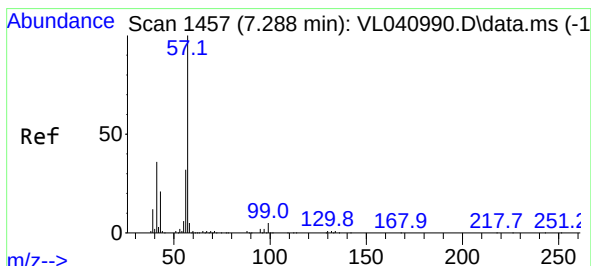
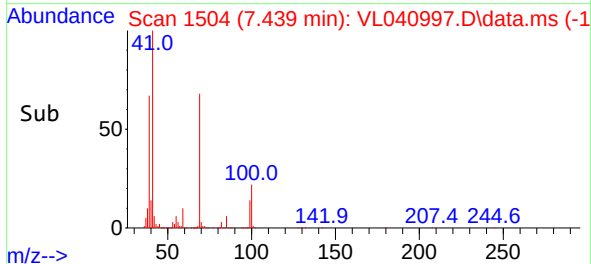
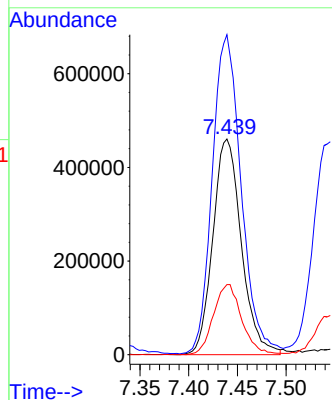
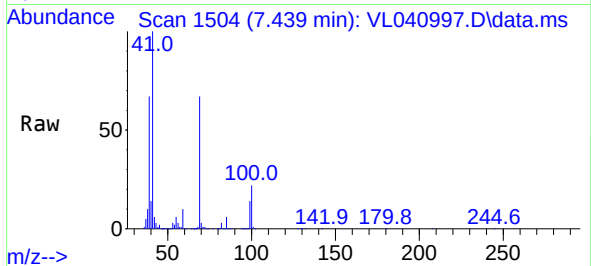




#43
Methyl Methacrylate
Concen: 10.197 ppbv
RT: 7.439 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

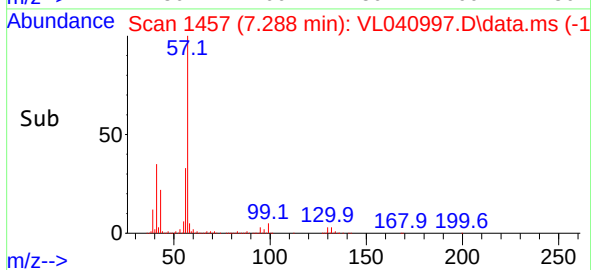
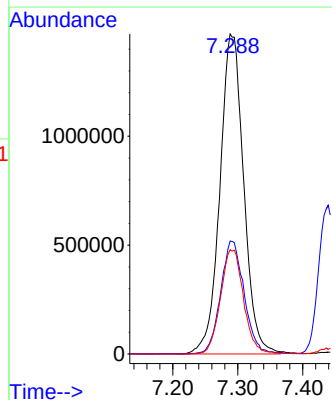
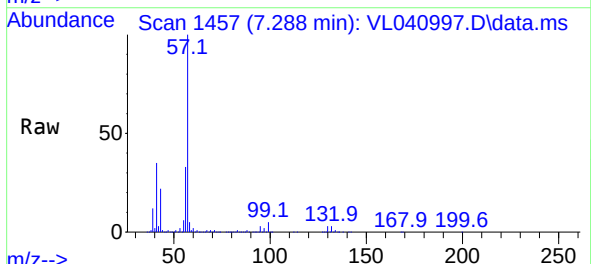
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

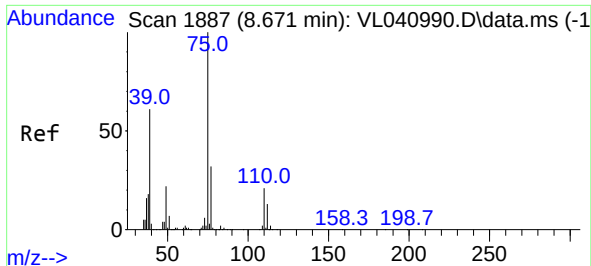
Tgt Ion: 69 Resp: 937965
Ion Ratio Lower Upper
69 100
41 150.3 120.2 180.2
100 32.2 24.6 36.8



#44
2,2,4-Trimethylpentane
Concen: 9.305 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 57 Resp: 3732102
Ion Ratio Lower Upper
57 100
41 34.9 28.6 43.0
56 31.6 25.2 37.8

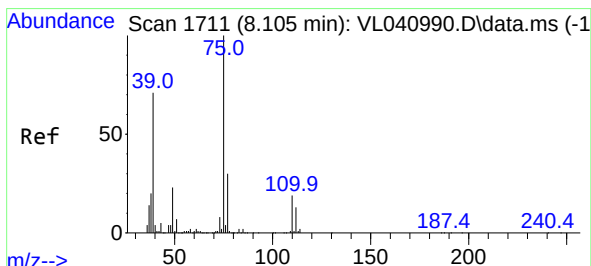
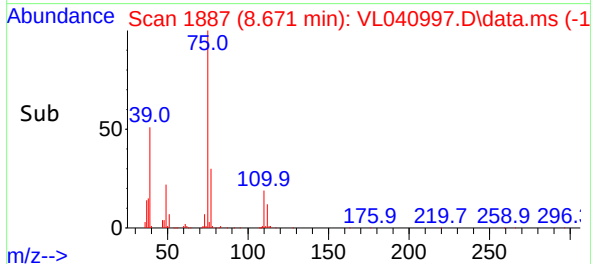
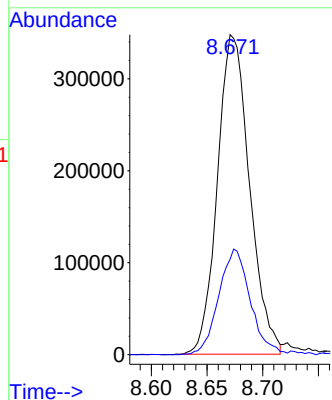
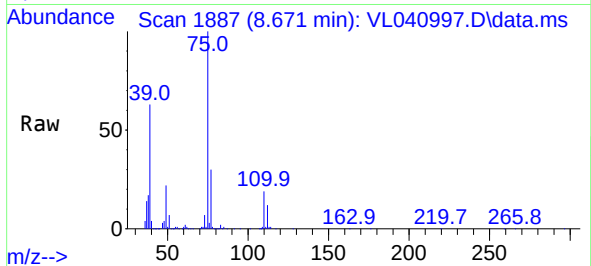




#45
t-1,3-Dichloropropene
Concen: 11.103 ppbv
RT: 8.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

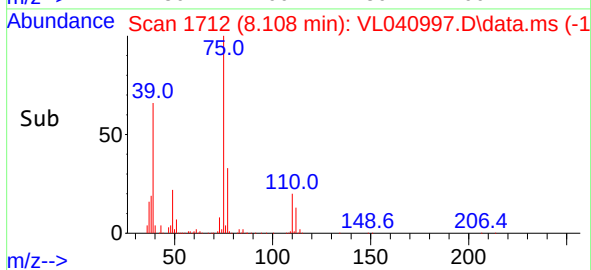
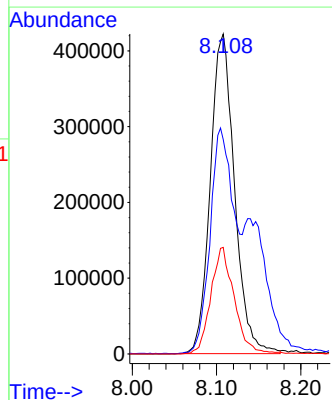
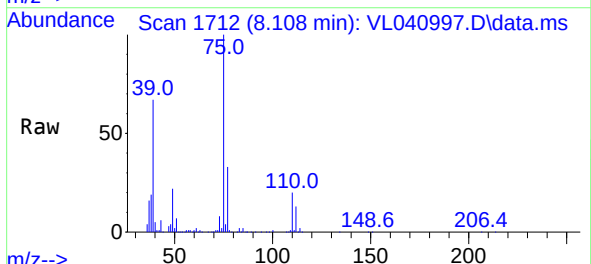
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

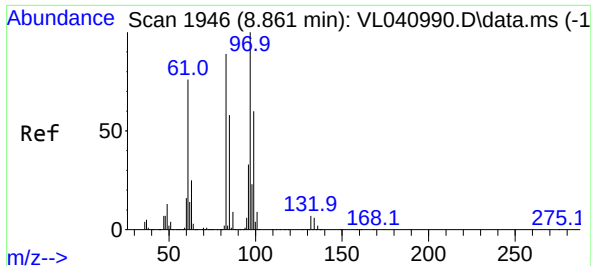
Tgt Ion: 75 Resp: 697821
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9



#46
cis-1,3-Dichloropropene
Concen: 10.750 ppbv
RT: 8.108 min Scan# 1712
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 75 Resp: 842575
Ion Ratio Lower Upper
75 100
39 66.8 57.3 85.9
77 33.3 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 9.535 ppbv

RT: 8.864 min Scan# 1946

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

Tgt Ion: 97 Resp: 965125

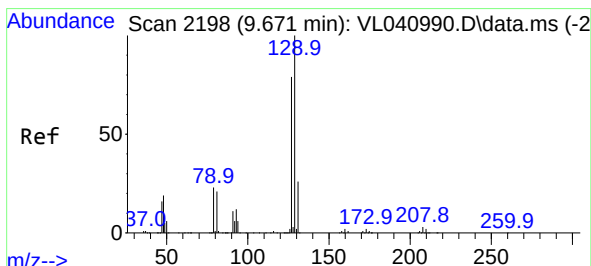
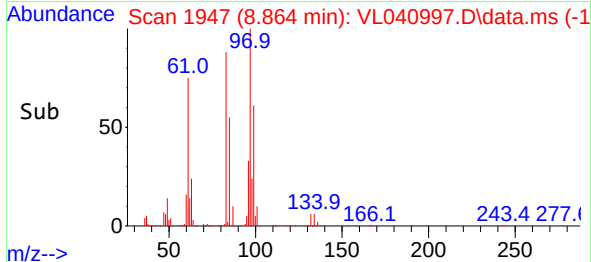
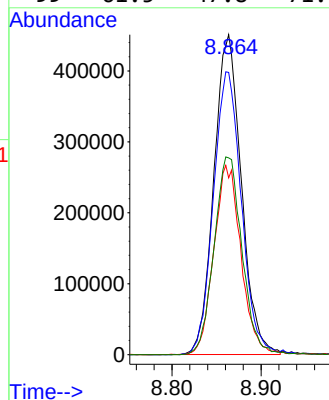
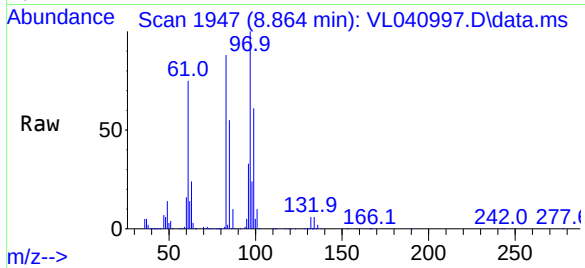
Ion Ratio Lower Upper

97 100

83 88.2 71.5 107.3

85 55.2 46.1 69.1

99 61.5 47.8 71.8



#48

Dibromochloromethane

Concen: 10.074 ppbv

RT: 9.674 min Scan# 2199

Delta R.T. 0.003 min

Lab File: VL040997.D

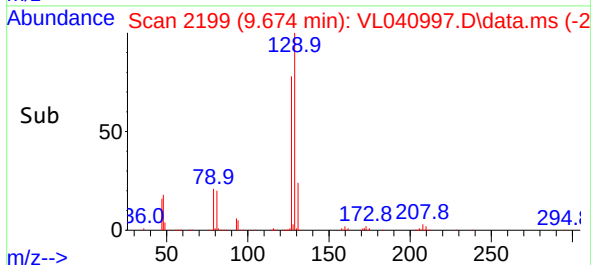
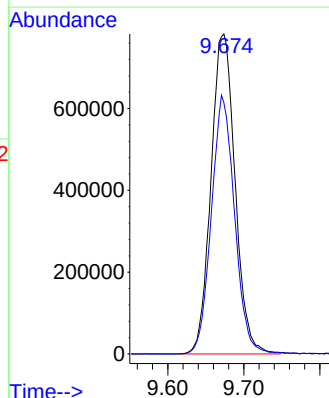
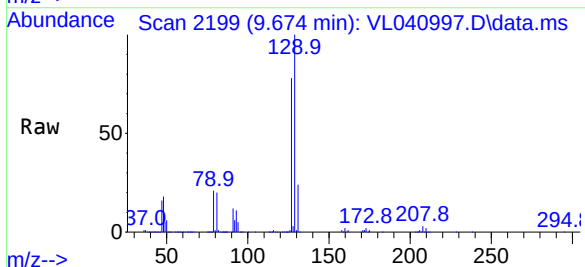
Acq: 23 Jan 2024 14:12

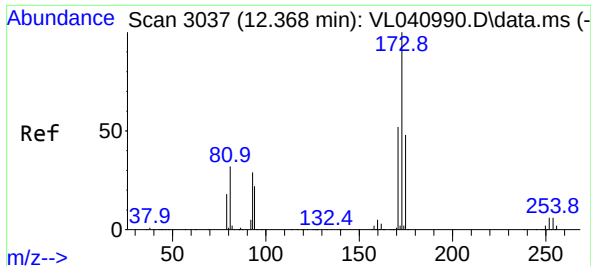
Tgt Ion: 129 Resp: 1723776

Ion Ratio Lower Upper

129 100

127 78.0 39.6 119.0

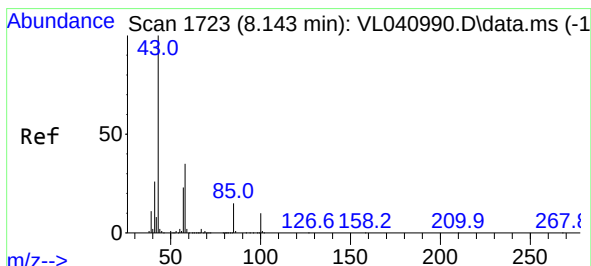
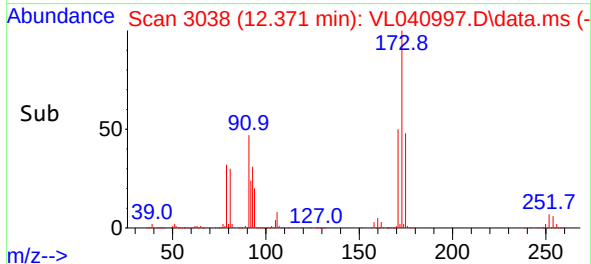
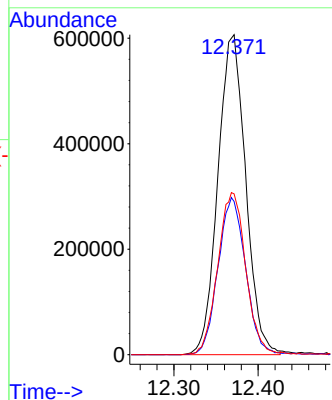
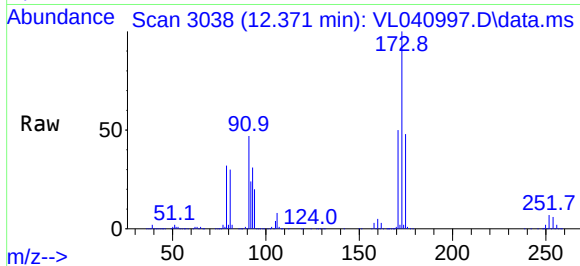




#49
Bromoform
Concen: 10.351 ppbv
RT: 12.371 min Scan# 3038
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

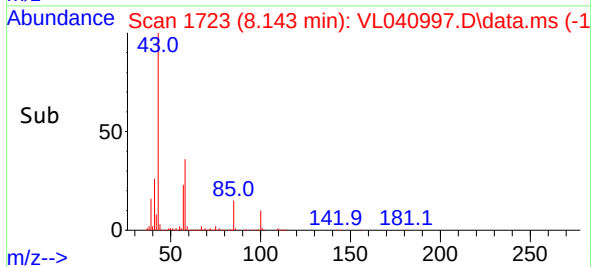
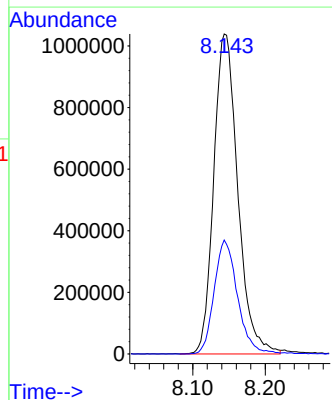
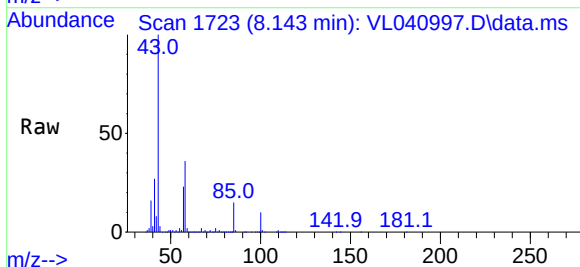
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

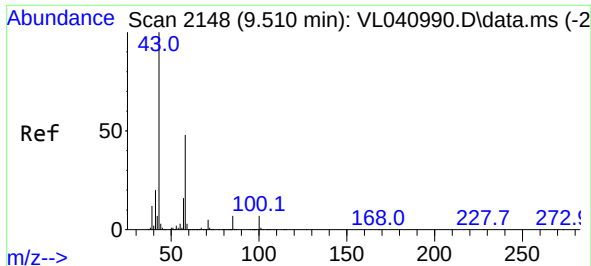
Tgt Ion:173 Resp: 1389318
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
171 51.3 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 9.868 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 43 Resp: 2389641
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8

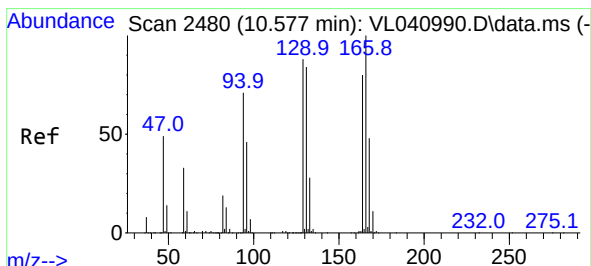
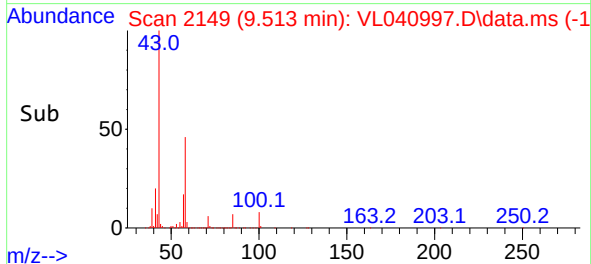
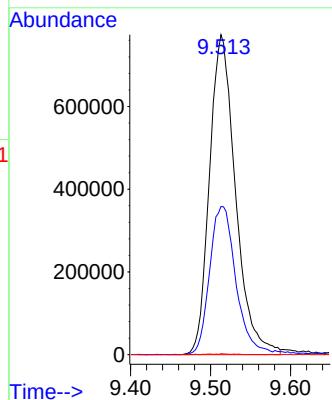
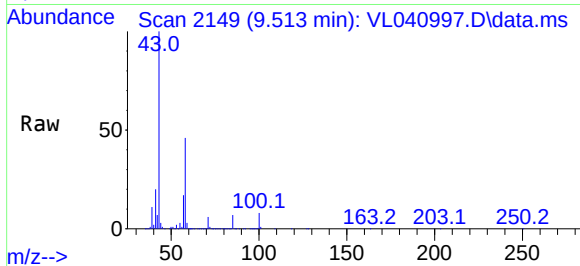




#51
2-Hexanone
Concen: 10.018 ppbv
RT: 9.513 min Scan# 2148
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

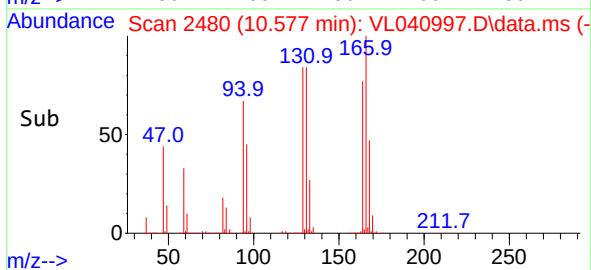
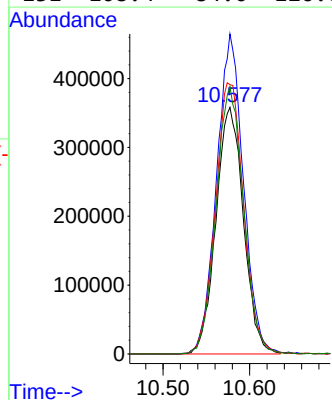
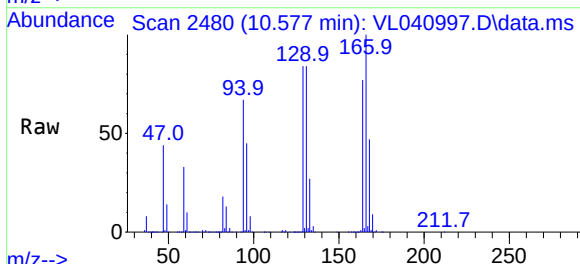
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

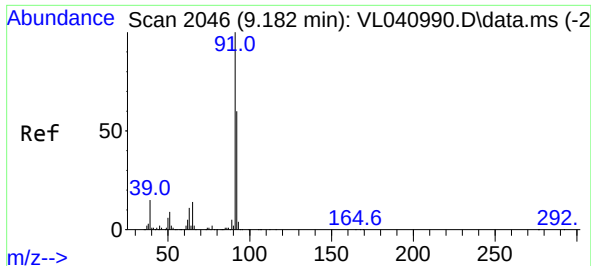
Tgt Ion: 43 Resp: 1748643
Ion Ratio Lower Upper
43 100
58 47.9 36.8 55.2
98 0.3 0.3 0.5



#52
Tetrachloroethene
Concen: 9.988 ppbv
RT: 10.577 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:164 Resp: 790643
Ion Ratio Lower Upper
164 100
166 129.7 100.2 150.2
129 109.0 87.9 131.9
131 108.4 84.0 126.0

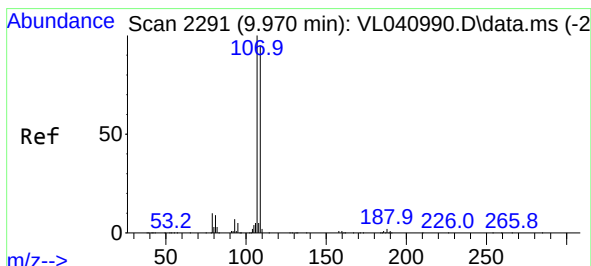
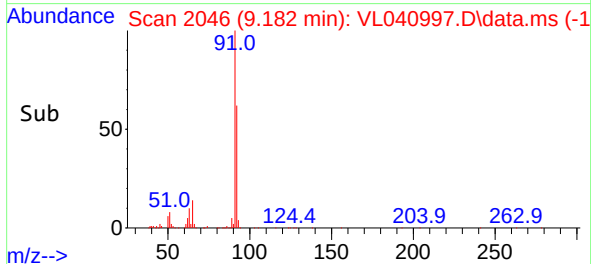
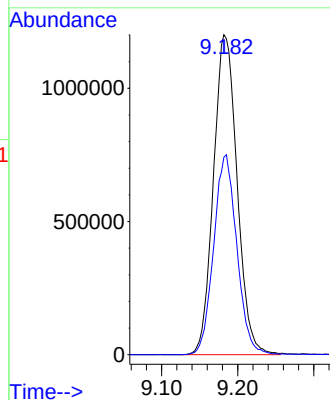
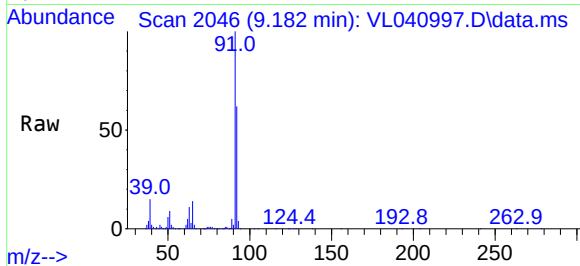




#53
Toluene
Concen: 9.943 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

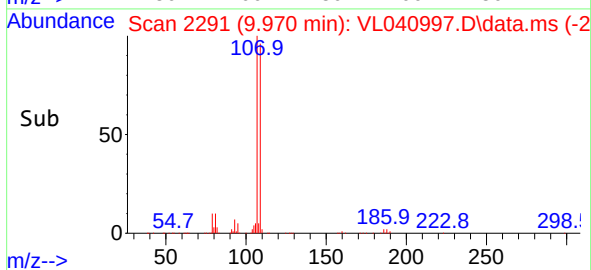
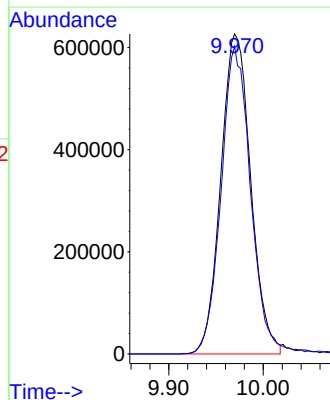
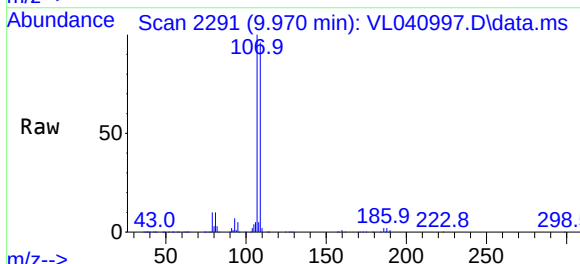
Instrument : MSVOA_L
ClientSampleId : ICVVL012324

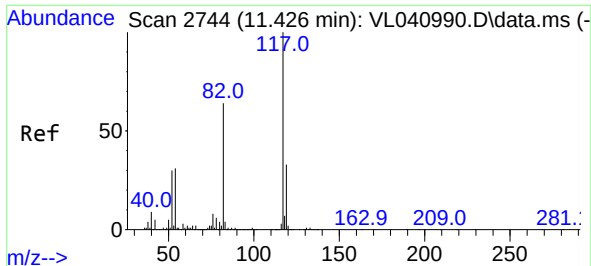
Tgt Ion: 91 Resp: 2596512
Ion Ratio Lower Upper
91 100
92 61.3 48.6 72.8



#54
1,2-Dibromoethane
Concen: 10.061 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 107 Resp: 1379115
Ion Ratio Lower Upper
107 100
109 96.1 76.1 114.1

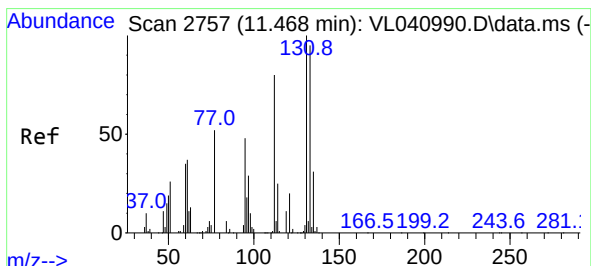
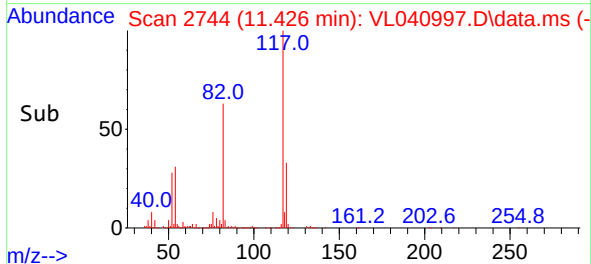
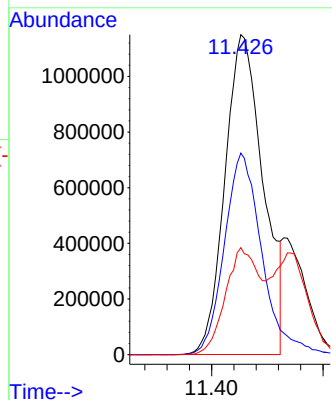
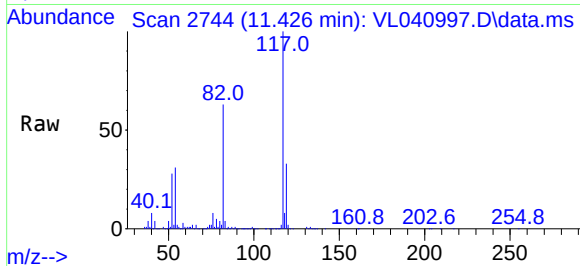




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

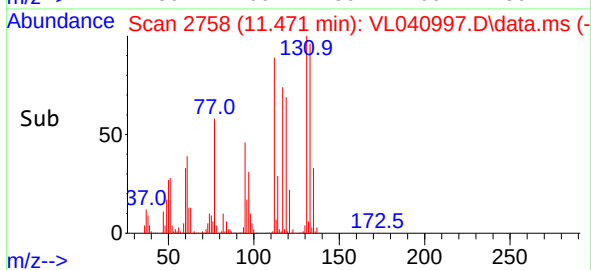
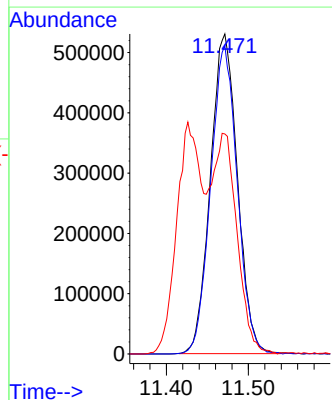
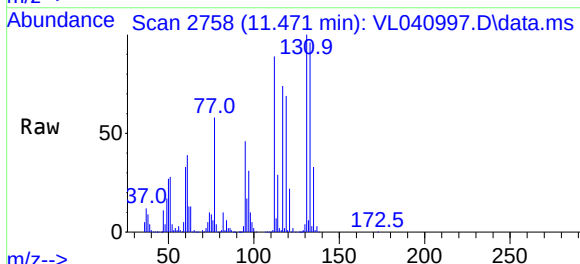
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

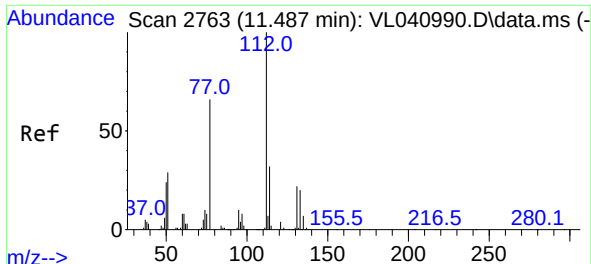
Tgt Ion:117 Resp: 2744800
Ion Ratio Lower Upper
117 100
82 62.3 51.7 77.5
119 32.2 23.8 35.6



#56
1,1,1,2-Tetrachloroethane
Concen: 9.235 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:131 Resp: 1216208
Ion Ratio Lower Upper
131 100
133 95.3 75.9 113.9
119 60.9 49.2 73.8

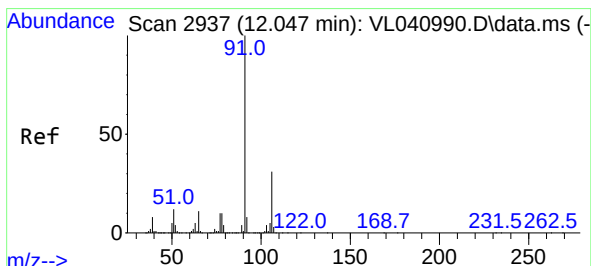
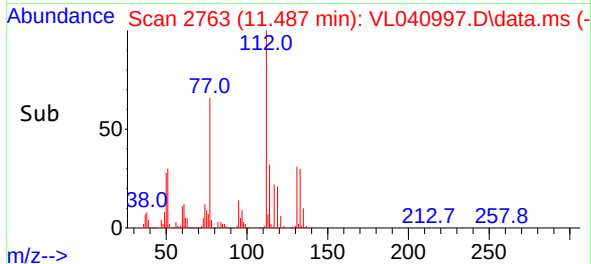
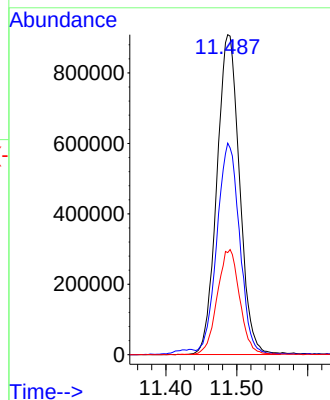
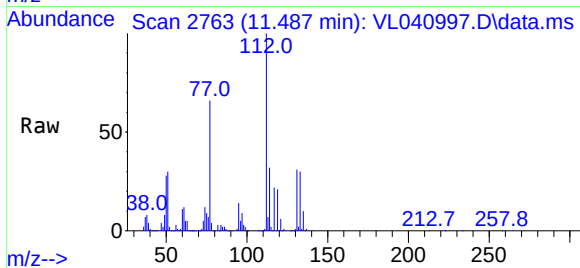




#57
Chlorobenzene
Concen: 9.126 ppbv
RT: 11.487 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

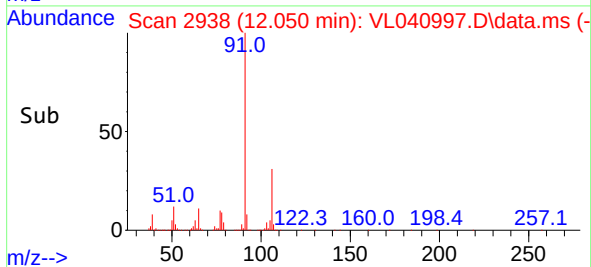
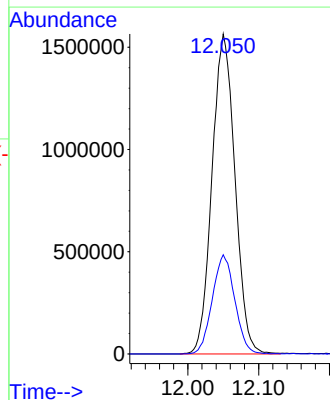
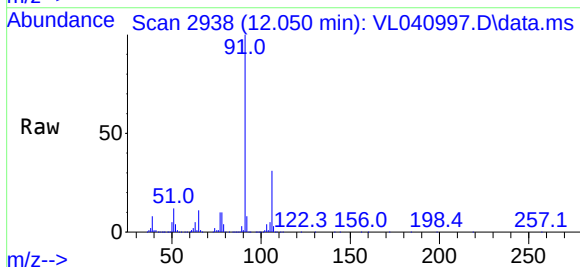
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

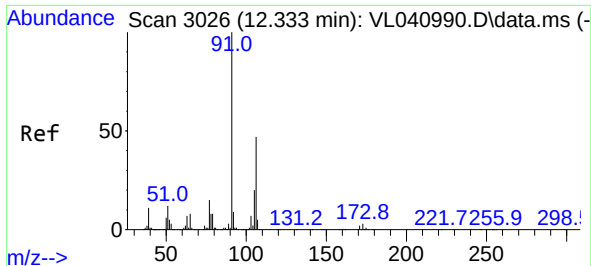
Tgt Ion:112 Resp: 2014837
Ion Ratio Lower Upper
112 100
77 65.8 53.4 80.0
114 31.8 29.1 35.5



#58
Ethyl Benzene
Concen: 9.549 ppbv
RT: 12.050 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 91 Resp: 3519721
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2





#59

m/p-Xylene

Concen: 10.690 ppbv

RT: 12.336 min Scan# 3026

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

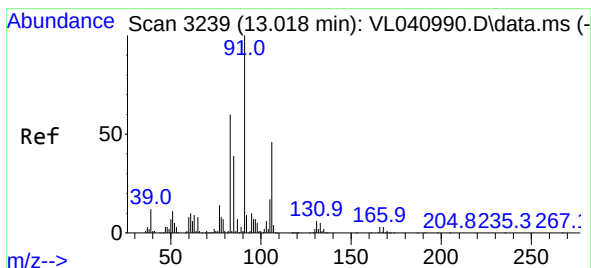
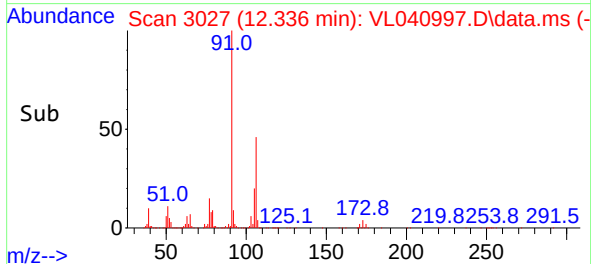
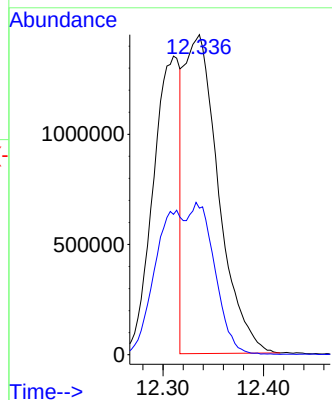
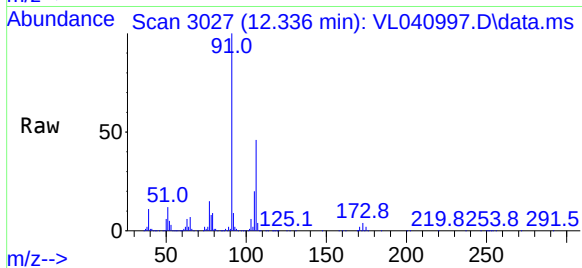
ICVVL012324

Tgt Ion: 91 Resp: 3435447

Ion Ratio Lower Upper

91 100

106 76.6 34.9 52.3#



#60

o-Xylene

Concen: 9.234 ppbv

RT: 13.021 min Scan# 3240

Delta R.T. 0.003 min

Lab File: VL040997.D

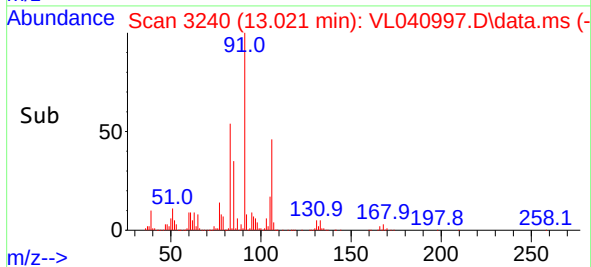
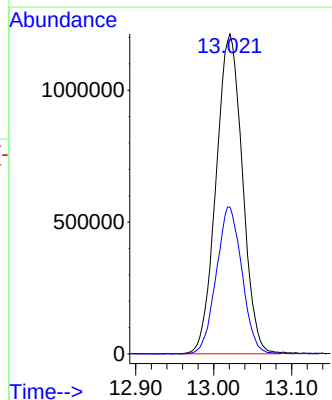
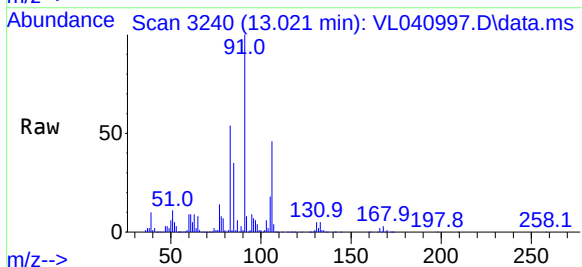
Acq: 23 Jan 2024 14:12

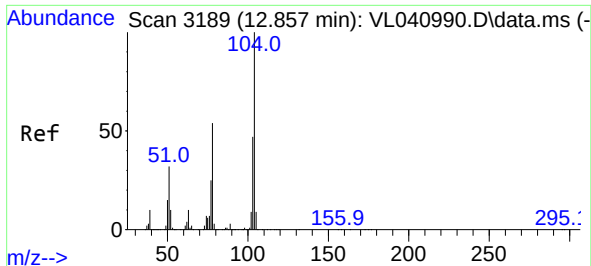
Tgt Ion: 91 Resp: 2847180

Ion Ratio Lower Upper

91 100

106 45.0 22.6 67.7

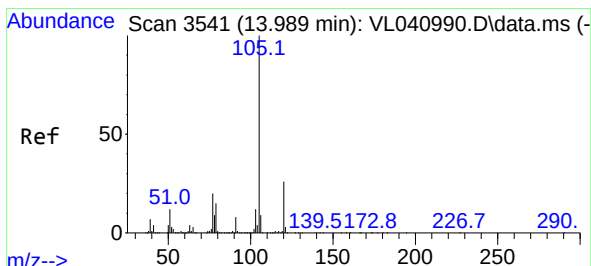
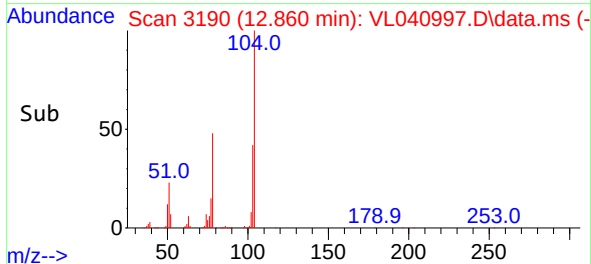
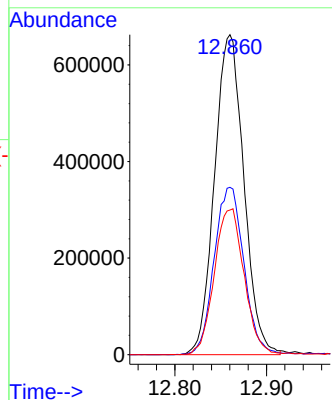
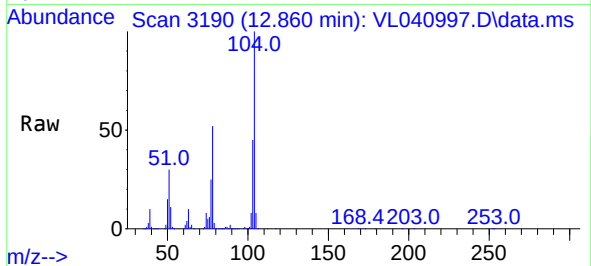




#61
Styrene
Concen: 10.393 ppbv
RT: 12.860 min Scan# 3189
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

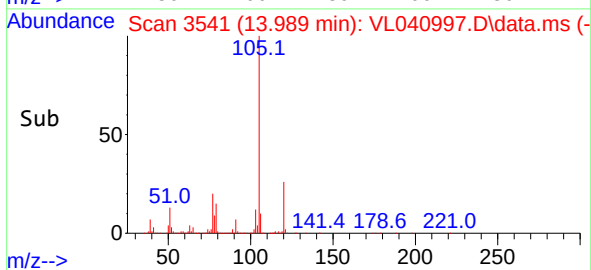
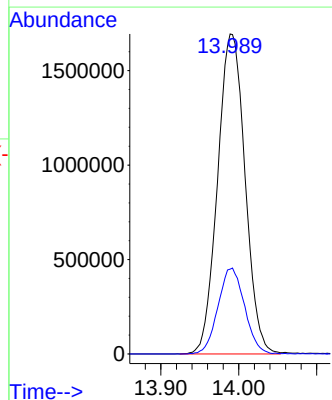
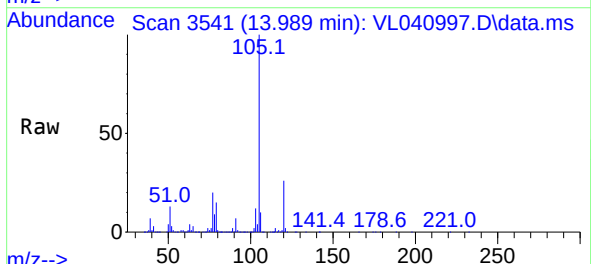
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

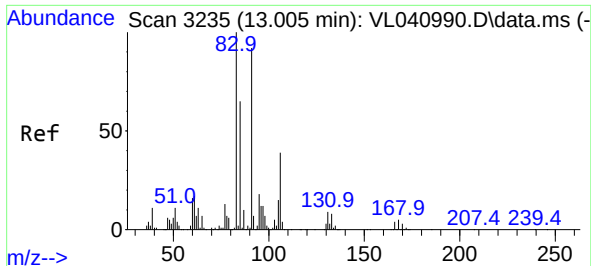
Tgt Ion:104 Resp: 1471363
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 46.7 37.6 56.4



#62
Isopropylbenzene
Concen: 9.095 ppbv
RT: 13.989 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:105 Resp: 4147259
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3

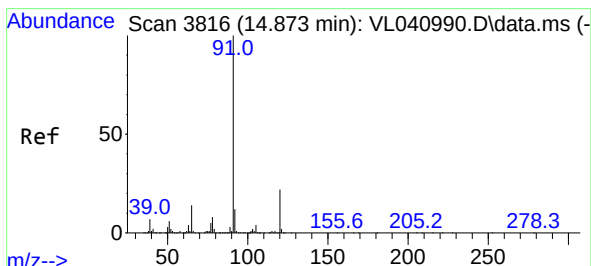
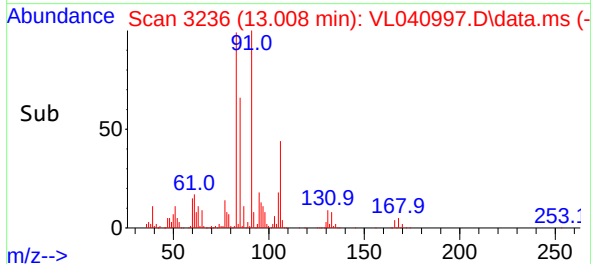
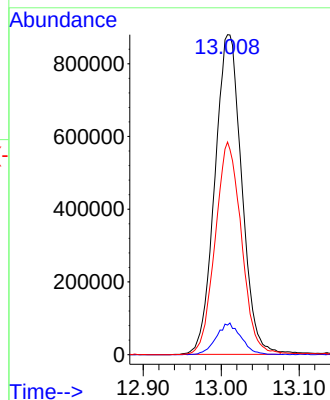
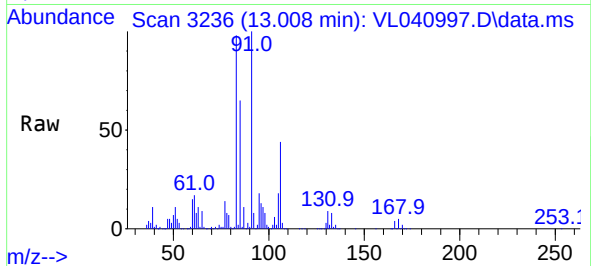




#63
1,1,2,2-Tetrachloroethane
Concen: 8.790 ppbv
RT: 13.008 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

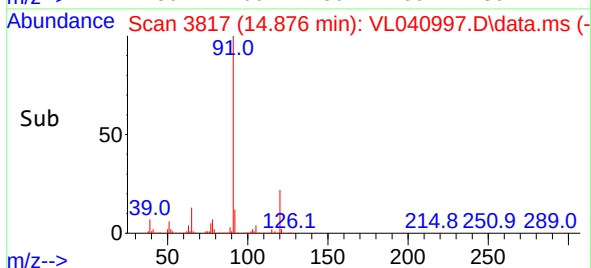
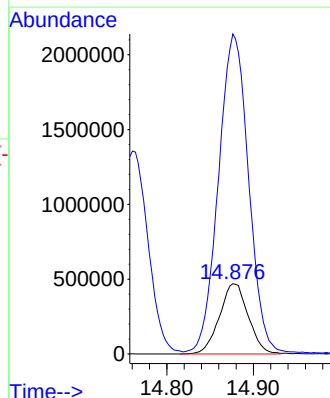
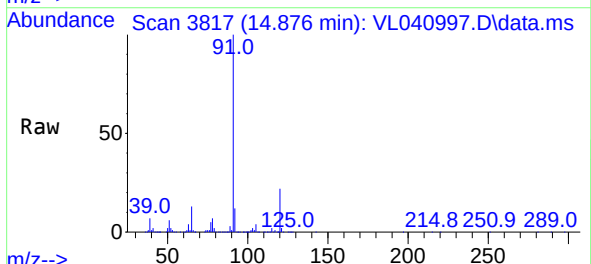
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

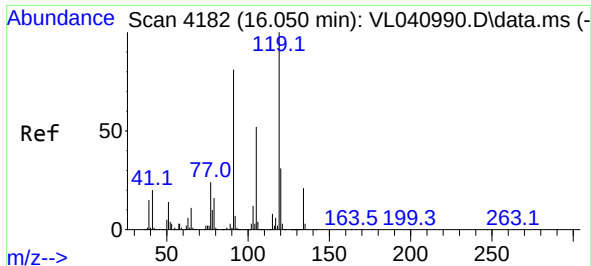
Tgt Ion: 83 Resp: 2106373
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.6 33.0 99.0



#64
n-propylbenzene
Concen: 9.397 ppbv
RT: 14.876 min Scan# 3817
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:120 Resp: 1082560
Ion Ratio Lower Upper
120 100
91 480.5 390.6 585.8

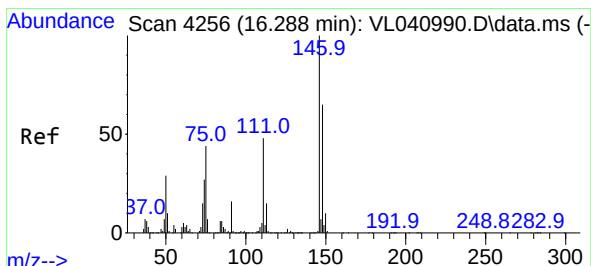
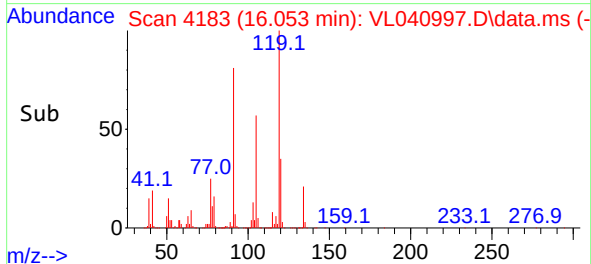
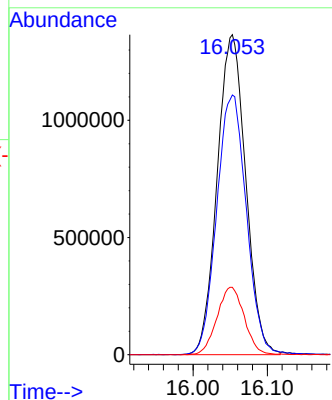
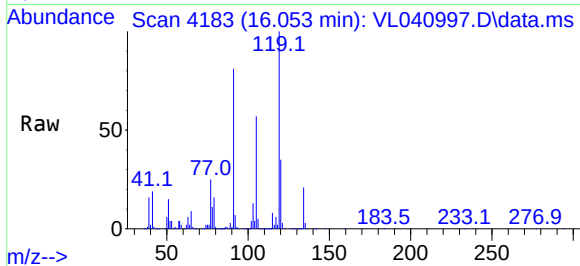




#65
tert-Butylbenzene
Concen: 9.144 ppbv
RT: 16.053 min Scan# 4182
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

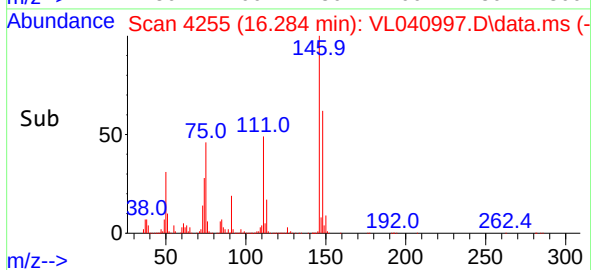
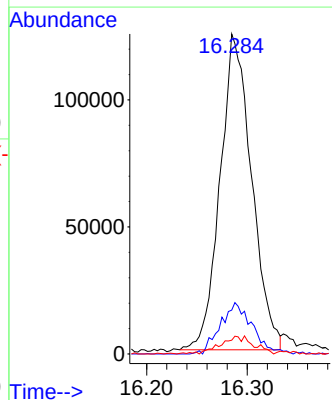
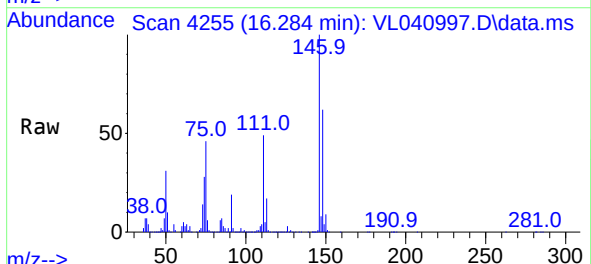
Instrument :
MSVOA_1
ClientSampleId :
ICVVL012324

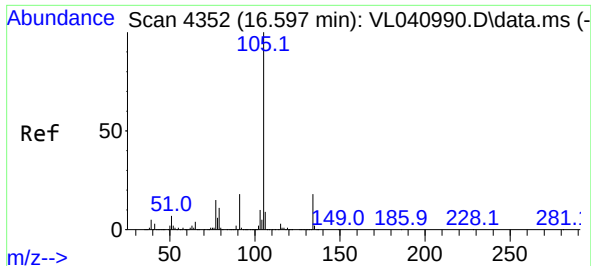
Tgt Ion:119 Resp: 3643068
Ion Ratio Lower Upper
119 100
91 84.5 67.6 101.4
134 20.2 16.1 24.1



#66
Benzyl Chloride
Concen: 10.373 ppbv
RT: 16.284 min Scan# 4255
Delta R.T. -0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 91 Resp: 270797
Ion Ratio Lower Upper
91 100
126 16.7 13.6 20.4
128 6.1 4.2 6.2

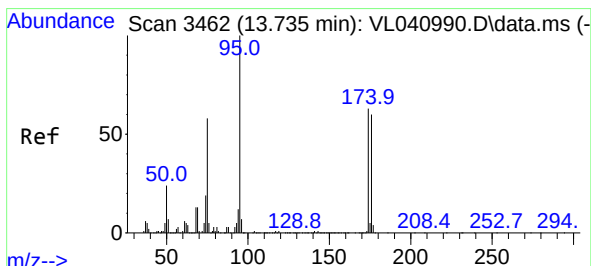
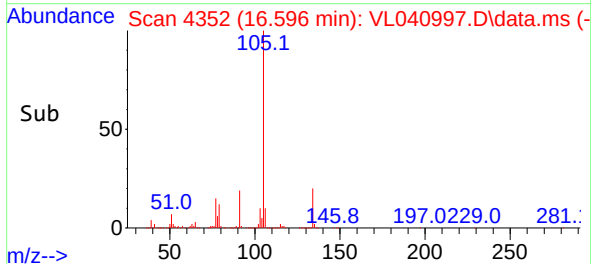
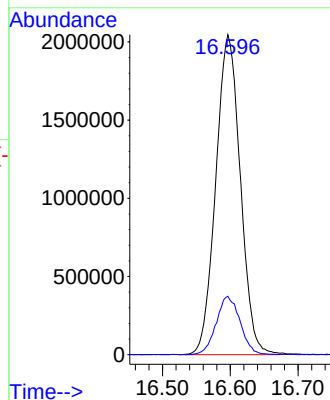
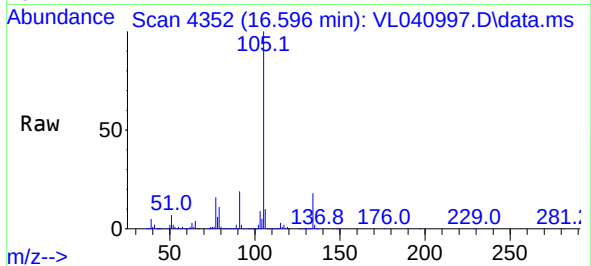




#67
sec-Butylbenzene
Concen: 8.860 ppbv
RT: 16.596 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

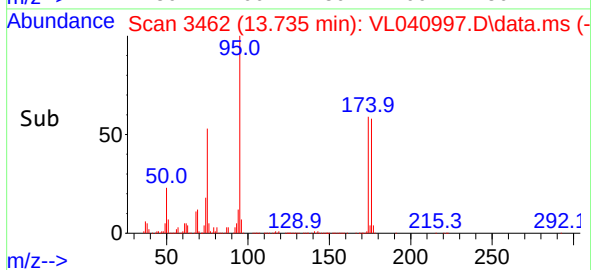
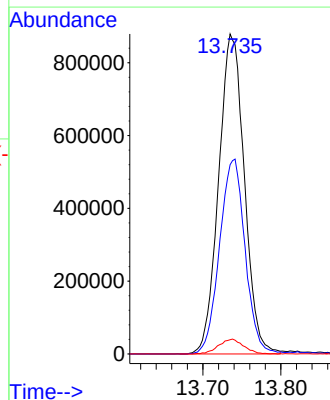
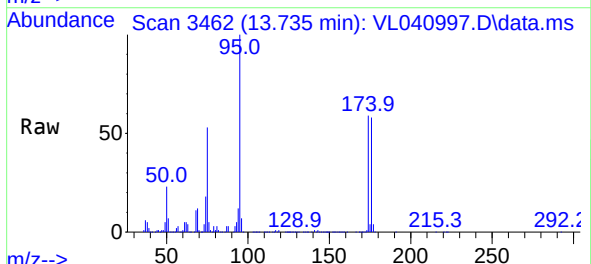
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

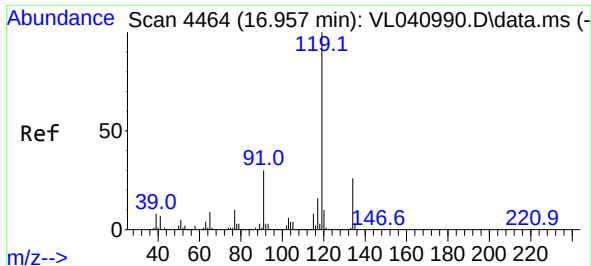
Tgt Ion:105 Resp: 5139727
Ion Ratio Lower Upper
105 100
134 17.9 14.2 21.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.712 ppbv
RT: 13.735 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 95 Resp: 2013389
Ion Ratio Lower Upper
95 100
174 61.3 49.1 73.7
175 4.6 3.7 5.5



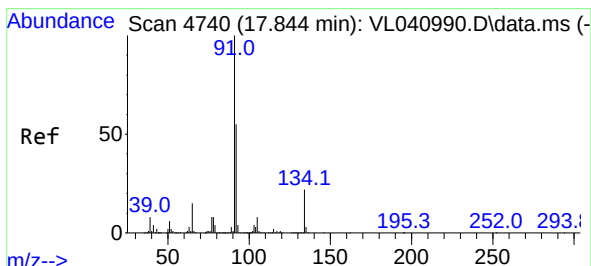
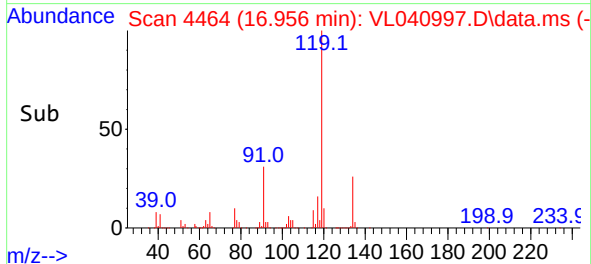
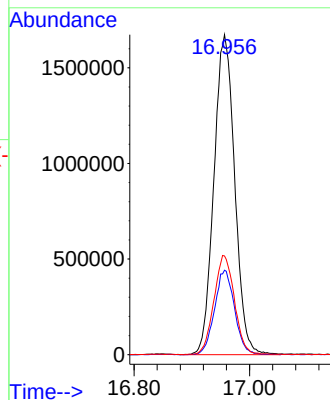
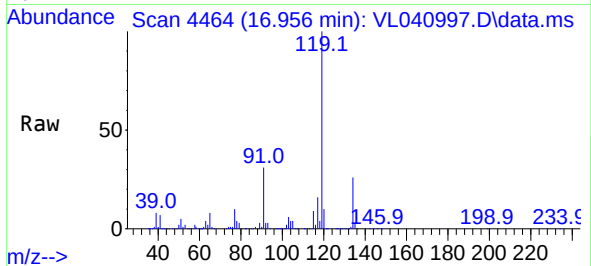


#69
p-Isopropyltoluene
Concen: 9.285 ppbv
RT: 16.956 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

Tgt Ion:119 Resp: 4172254

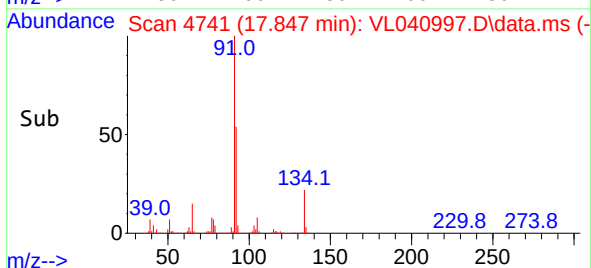
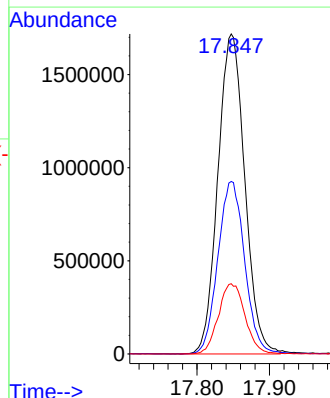
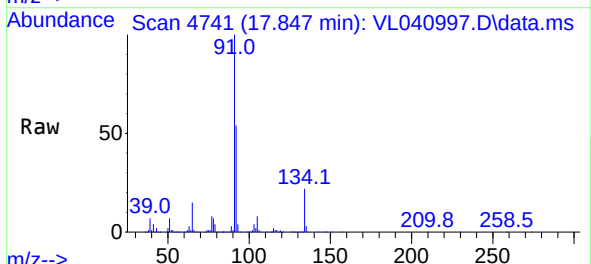
Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.6	30.8
91	30.7	24.5	36.7

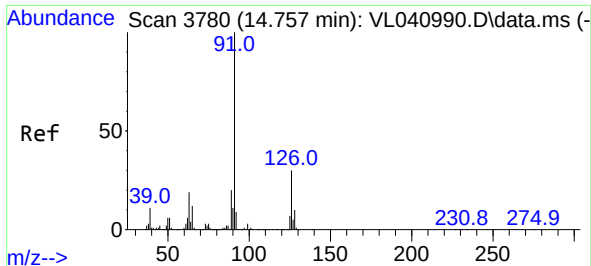


#70
n-Butylbenzene
Concen: 9.110 ppbv
RT: 17.847 min Scan# 4741
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 91 Resp: 4423364

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.4	65.0
134	21.8	17.4	26.0

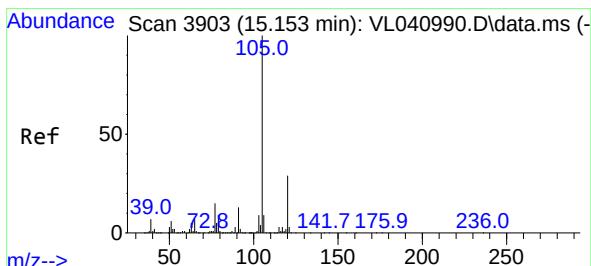
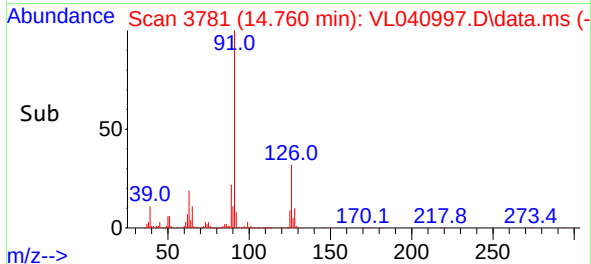
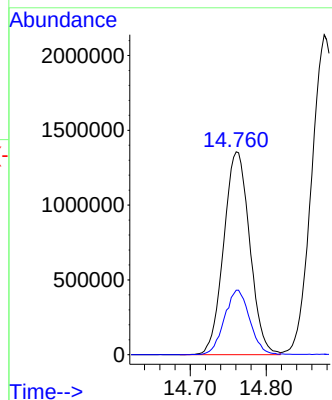
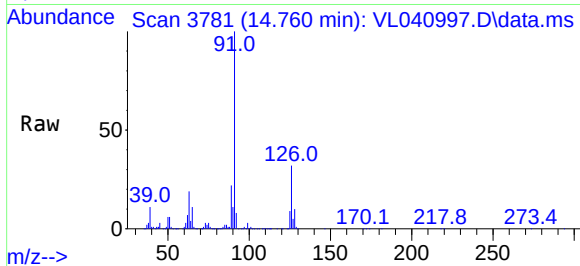




#71
2-Chlorotoluene
Concen: 9.170 ppbv
RT: 14.760 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

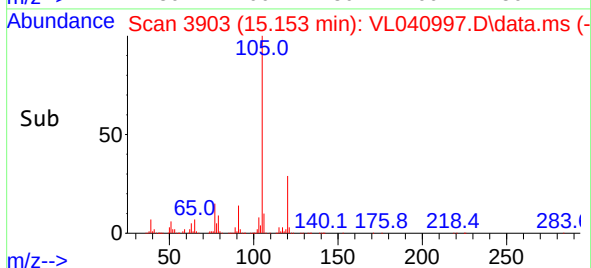
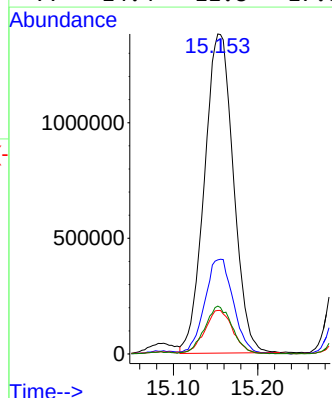
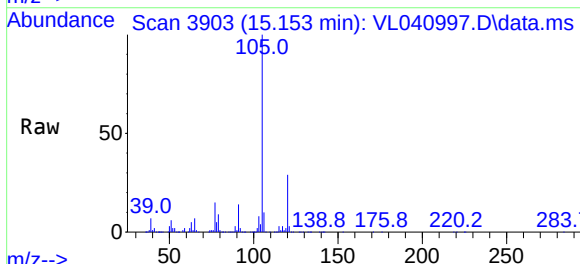
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

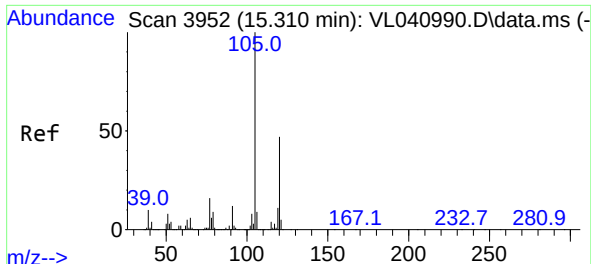
Tgt Ion: 91 Resp: 3226401
Ion Ratio Lower Upper
91 100
126 31.1 12.3 49.1



#72
4-Ethyltoluene
Concen: 9.585 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 105 Resp: 3300553
Ion Ratio Lower Upper
105 100
120 30.4 24.3 36.5
91 13.3 11.0 16.4
77 14.4 11.8 17.8

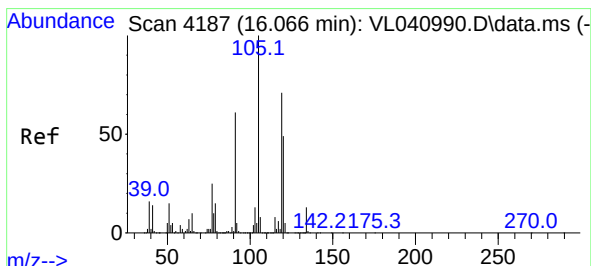
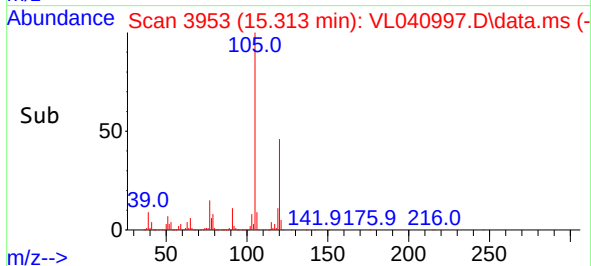
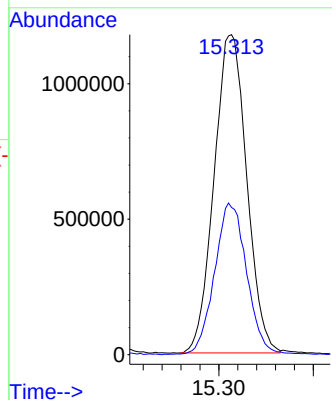
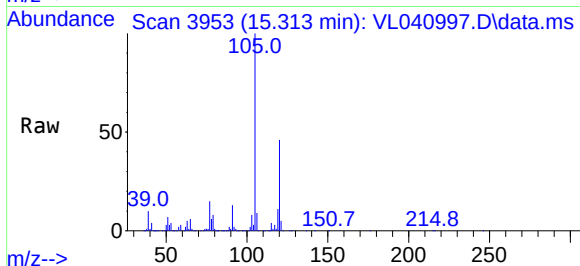




#73
1,3,5-Trimethylbenzene
Concen: 9.223 ppbv
RT: 15.313 min Scan# 3953
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

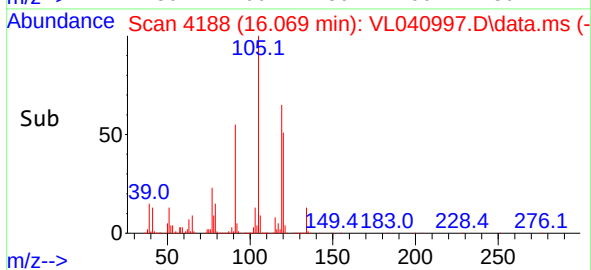
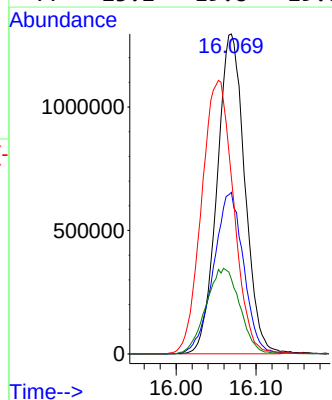
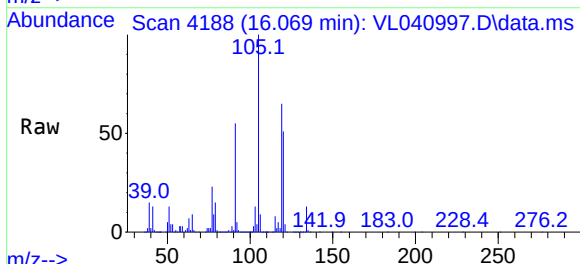
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

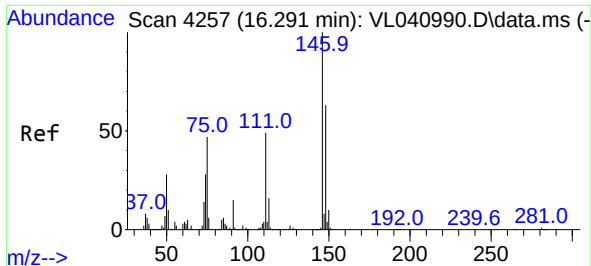
Tgt Ion:105 Resp: 2818795
Ion Ratio Lower Upper
105 100
120 46.0 37.2 55.8



#74
1,2,4-Trimethylbenzene
Concen: 8.987 ppbv
RT: 16.069 min Scan# 4188
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:105 Resp: 3113384
Ion Ratio Lower Upper
105 100
120 50.3 39.3 58.9
91 54.5 48.7 73.1
77 23.2 19.8 29.8

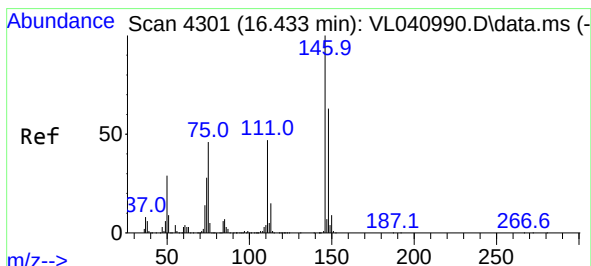
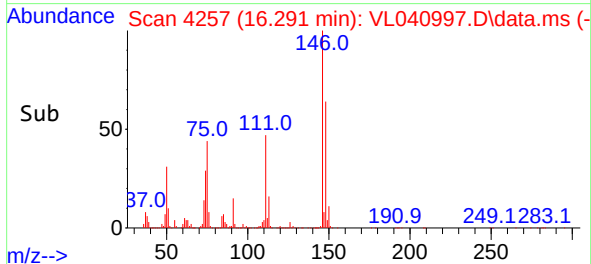
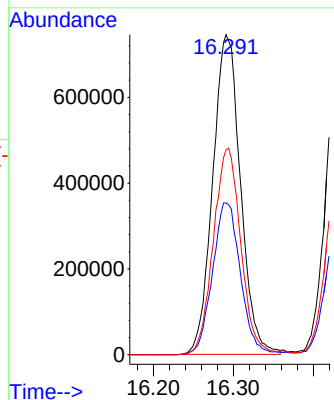
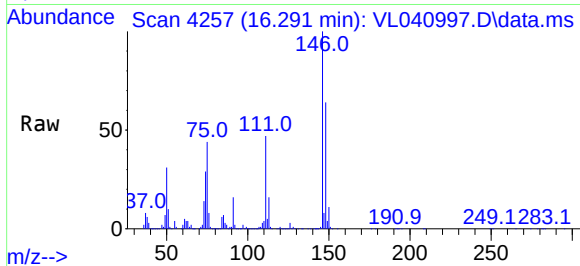




#75
1,3-Dichlorobenzene
Concen: 9.090 ppbv
RT: 16.291 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

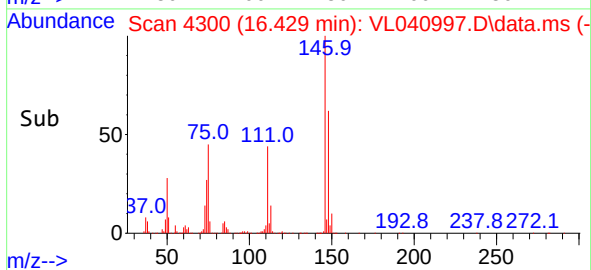
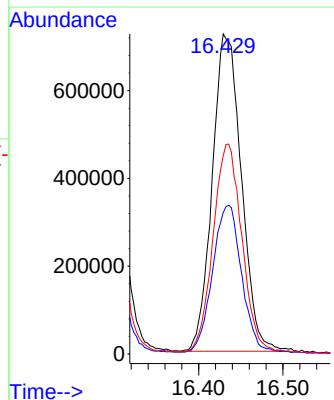
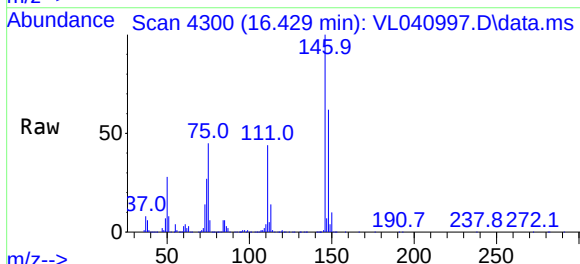
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

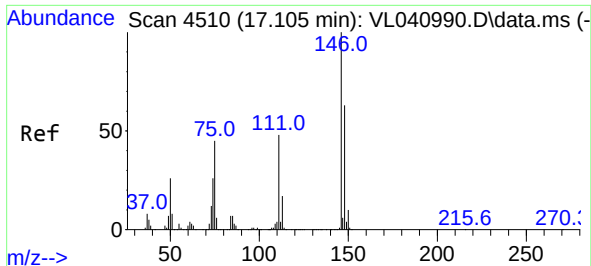
Tgt Ion:146 Resp: 1792235
Ion Ratio Lower Upper
146 100
111 48.2 24.4 73.2
148 64.5 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 8.880 ppbv
RT: 16.429 min Scan# 4300
Delta R.T. -0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:146 Resp: 1727783
Ion Ratio Lower Upper
146 100
111 47.8 24.0 72.0
148 67.1 32.9 98.7

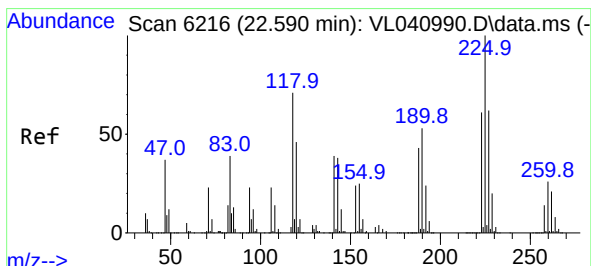
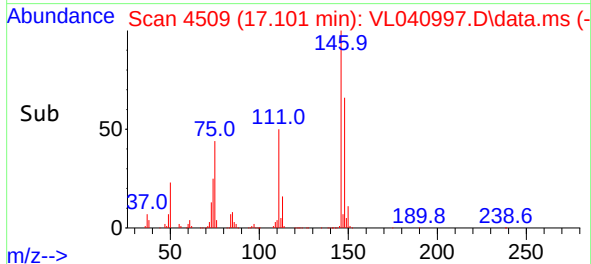
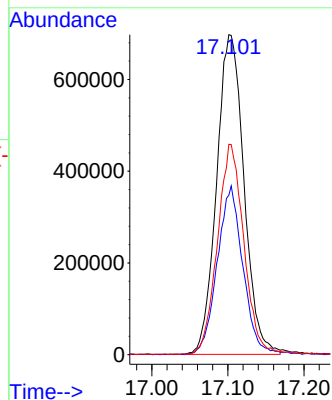
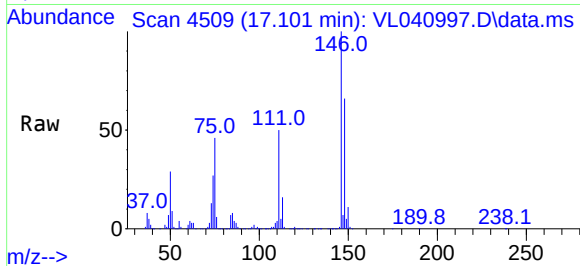




#77
1,2-Dichlorobenzene
Concen: 8.885 ppbv
RT: 17.101 min Scan# 4509
Delta R.T. -0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

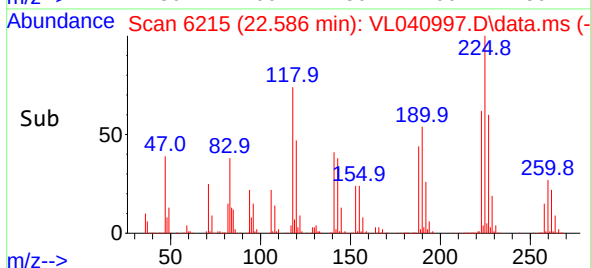
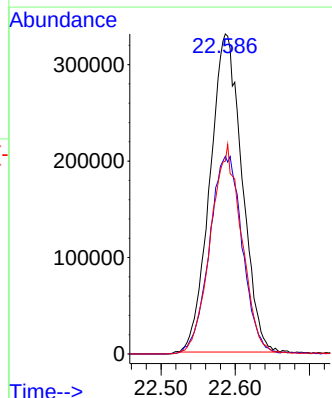
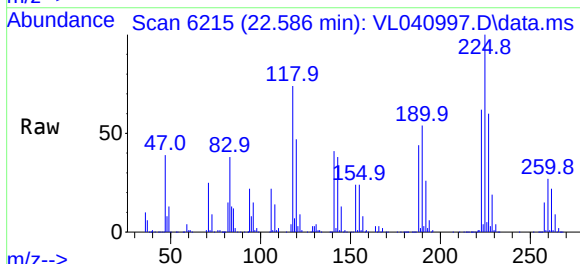
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

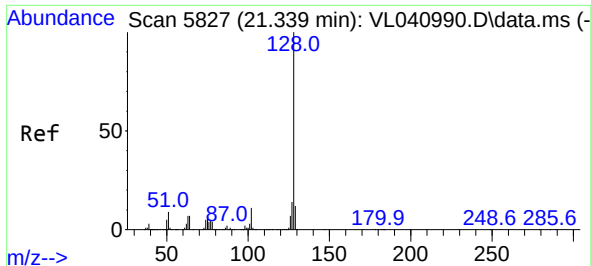
Tgt Ion:146 Resp: 1741162
Ion Ratio Lower Upper
146 100
111 49.8 24.8 74.3
148 63.8 31.8 95.3



#78
Hexachloro-1,3-Butadiene
Concen: 7.835 ppbv
RT: 22.586 min Scan# 6215
Delta R.T. -0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:225 Resp: 990137
Ion Ratio Lower Upper
225 100
223 64.6 51.1 76.7
227 64.1 51.0 76.4

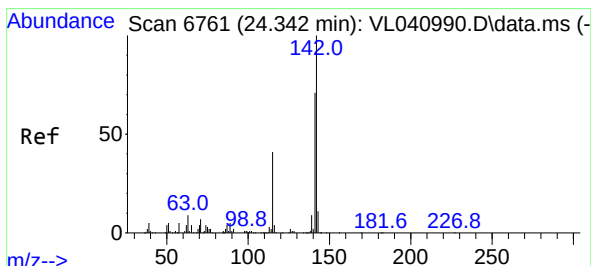
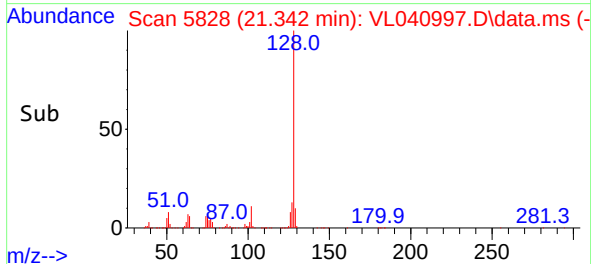
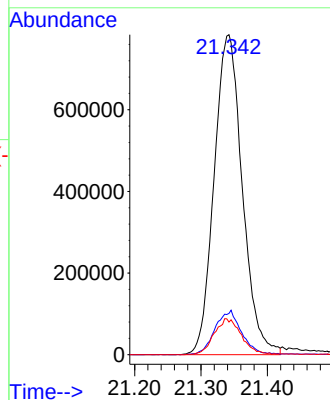
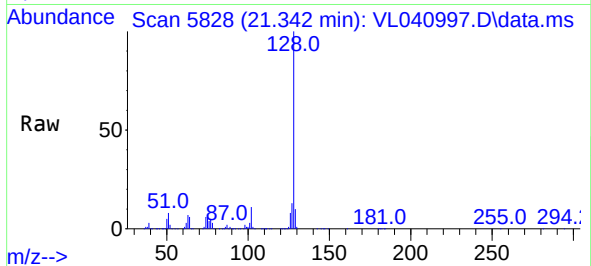




#79
Naphthalene
Concen: 11.710 ppbv
RT: 21.342 min Scan# 5828
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

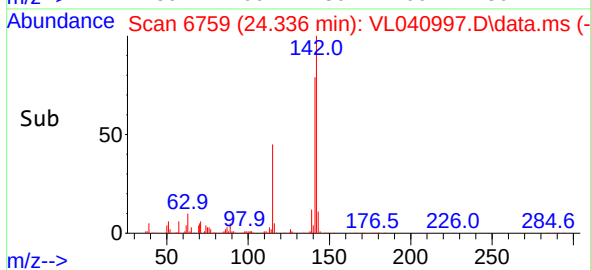
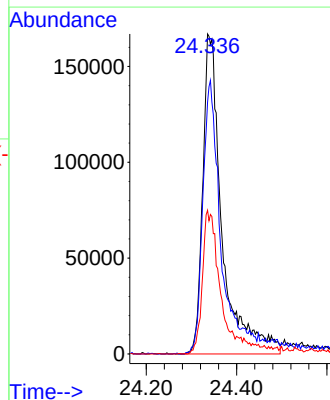
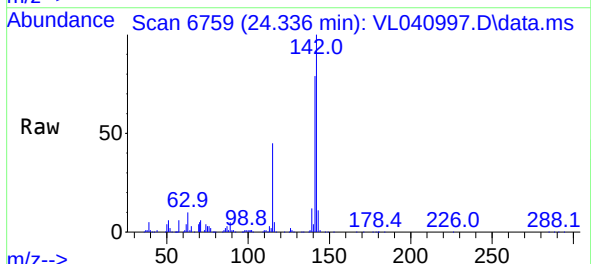
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

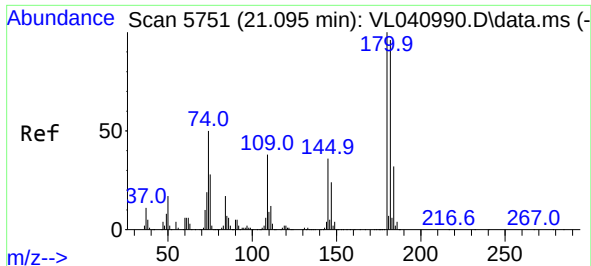
Tgt Ion:128 Resp: 2314364
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 10.2 9.3 13.9



#80
Naphthalene,2-methyl-
Concen: 14.354 ppbv
RT: 24.336 min Scan# 6759
Delta R.T. -0.007 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:142 Resp: 498252
Ion Ratio Lower Upper
142 100
141 88.3 62.7 94.1
115 43.4 34.0 51.0





#81

1,2,4-Trichlorobenzene

Concen: 9.827 ppbv

RT: 21.095 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040997.D

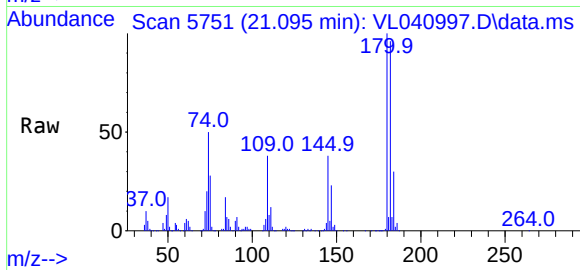
Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324



Tgt Ion:180 Resp: 1133164

Ion Ratio Lower Upper

180 100

182 96.0 78.6 118.0

184 30.2 24.4 36.6

