

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041154.D
 Acq On : 23 Apr 2024 10:42
 Operator : SY/MD
 Sample : VL0423ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 24 02:49:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Apr 24 02:47:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1268252	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3266669	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3201280	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2603167	10.112	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	1912295	8.815	ppbv	100
3) Chlorodifluoromethane	2.674	51	1953395	10.000	ppbv	99
4) Chloromethane	2.813	50	751774	10.170	ppbv	99
5) Vinyl Chloride	2.919	62	768771	10.766	ppbv	96
6) Bromomethane	3.118	94	262781	9.777	ppbv	92
7) Chloroethane	3.195	64	274286	10.466	ppbv	98
8) Dichlorotetrafluoroethane	2.854	85	1891224	10.219	ppbv	99
9) Propene	2.694	41	654056	10.526	ppbv	95
10) Heptane	7.568	43	1631529	11.059	ppbv	99
11) Trichlorofluoromethane	3.559	101	1969020	10.009	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	1426653	10.019	ppbv	100
13) Ethanol	3.234	45	144183	9.755	ppbv	98
14) Bromoethene	3.362	108	596728	10.640	ppbv	100
15) Acetone	3.462	43	1379427	10.045	ppbv	99
16) 1,3-Butadiene	2.983	39	733928	10.887	ppbv	100
17) tert-Butyl alcohol	3.870	59	1344271	10.809	ppbv	100
18) 1,1-Dichloroethene	3.874	96	639291	10.516	ppbv	94
19) Isopropyl Alcohol	3.571	45	925511	11.094	ppbv #	96
20) Methylene Chloride	3.928	84	522434	9.224	ppbv	97
21) Allyl Chloride	3.989	41	886227	10.591	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	666185	10.453	ppbv	95
23) Vinyl Acetate	4.620	43	1516384	10.809	ppbv	98
24) 1,1-Dichloroethane	4.555	63	1324132	10.374	ppbv	99
25) Ethyl Acetate	5.195	43	2718362	10.541	ppbv	100
26) Hexane	5.205	57	1190527	10.288	ppbv	99
27) Carbon Disulfide	4.118	76	1580013	11.143	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	911674	10.440	ppbv	100
29) Chloroform	5.269	83	1999911	10.252	ppbv	99
30) Cyclohexane	6.594	84	1033018	10.959	ppbv	96
31) cis-1,2-Dichloroethene	5.070	61	1185896	10.827	ppbv	98
32) 1,1,1-Trichloroethane	5.996	97	1985754	11.012	ppbv	99
34) 2-Butanone	4.777	43	1481740	10.719	ppbv	98
35) Carbon Tetrachloride	6.484	117	2102595	11.305	ppbv	97
36) Benzene	6.362	78	2567643	10.704	ppbv	99
37) 1,2-Dichloroethane	5.800	62	1521500	10.564	ppbv	99
38) Trichloroethene	7.282	130	1000104	11.540	ppbv	95
39) 1,2-Dichloropropane	7.066	63	1006032	10.636	ppbv	99
40) 1,4-Dioxane	7.275	88	407065	12.348	ppbv	70
41) Tetrahydrofuran	5.546	42	1044606	11.350	ppbv	99
42) Bromodichloromethane	7.237	83	2249518	10.932	ppbv	96
43) Methyl Methacrylate	7.462	69	1069675	11.706	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	4268715	10.749	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	728160	13.522	ppbv	99

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

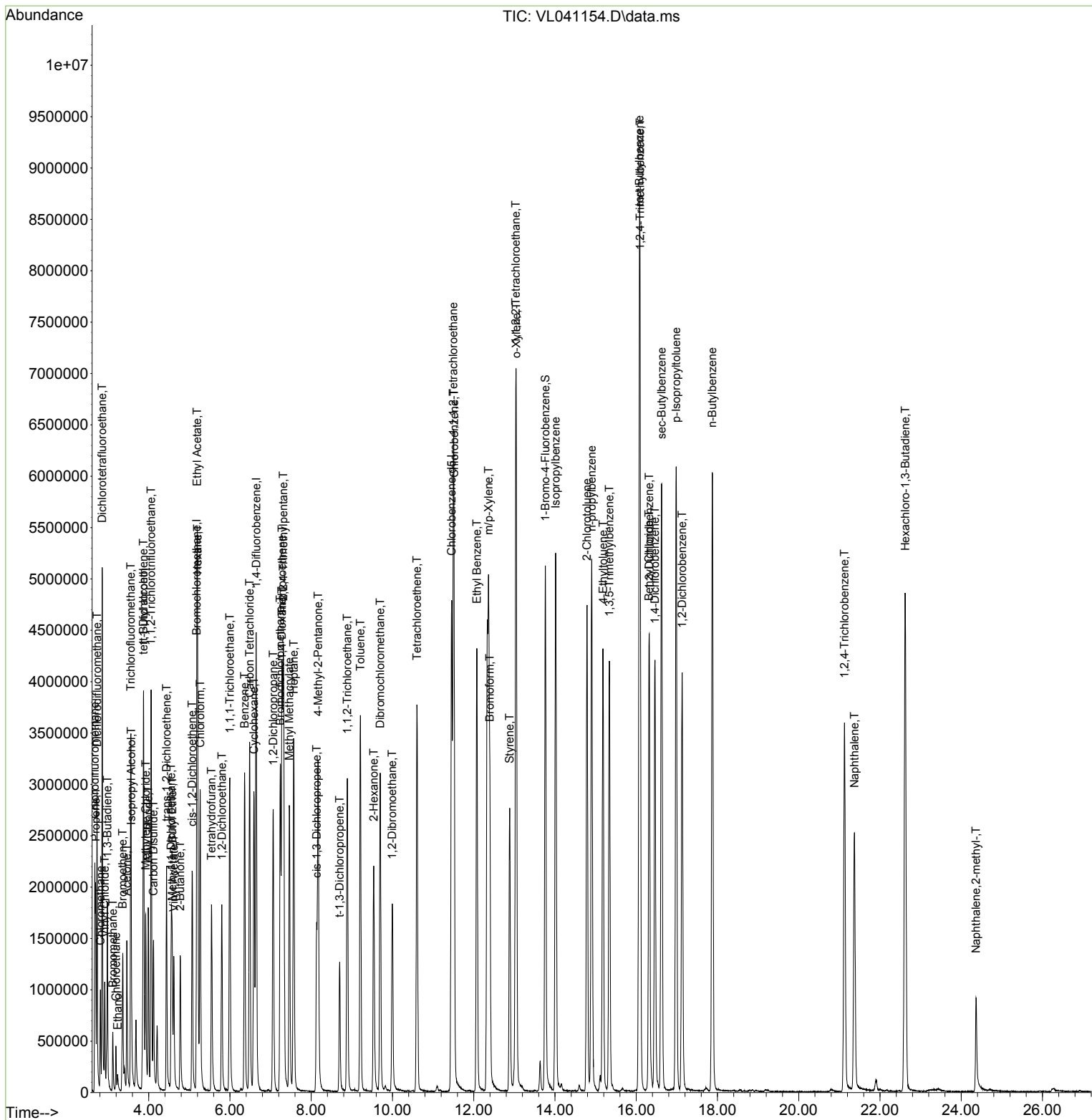
Instrument :
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 ClientSampleId :

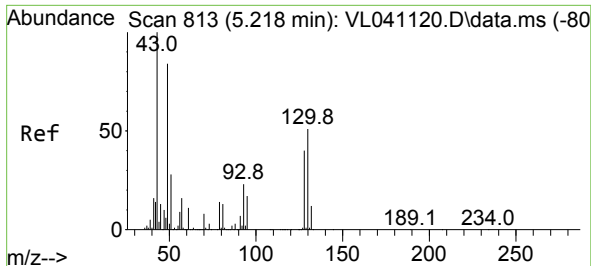
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Apr 24 02:47:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	902921	12.960	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	1104368	10.803	ppbv	98
48) Dibromochloromethane	9.700	129	1880136	11.586	ppbv	99
49) Bromoform	12.397	173	1552318	12.074	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2758532	11.340	ppbv	99
51) 2-Hexanone	9.539	43	2040410	12.097	ppbv #	99
52) Tetrachloroethene	10.603	164	875296	11.436	ppbv	95
53) Toluene	9.211	91	2945137	11.660	ppbv	99
54) 1,2-Dibromoethane	9.996	107	1538706	12.069	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	1387372	10.545	ppbv	100
57) Chlorobenzene	11.516	112	2303619	10.512	ppbv	99
58) Ethyl Benzene	12.076	91	3986702	11.375	ppbv	97
59) m/p-Xylene	12.362	91	3727708	11.777	ppbv #	42
60) o-Xylene	13.047	91	3291419	10.975	ppbv	100
61) Styrene	12.886	104	1670094	12.567	ppbv	100
62) Isopropylbenzene	14.018	105	4798544	10.748	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	2523747	10.710	ppbv	99
64) n-propylbenzene	14.909	120	640419	5.715	ppbv #	1
65) tert-Butylbenzene	16.079	119	4304084	11.042	ppbv	99
66) Benzyl Chloride	16.314	91	301211	11.745	ppbv	99
67) sec-Butylbenzene	16.625	105	6073554	10.785	ppbv	100
69) p-Isopropyltoluene	16.982	119	4931183	11.228	ppbv	99
70) n-Butylbenzene	17.873	91	5372402	11.261	ppbv	100
71) 2-Chlorotoluene	14.790	91	3746938	10.941	ppbv	100
72) 4-Ethyltoluene	15.182	105	3836079	11.452	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3303197	11.181	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3694458	10.927	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	2150017	10.891	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	2106598	10.971	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	2111929	11.017	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1304678	10.237	ppbv	100
79) Naphthalene	21.371	128	3161513	14.575	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	648617	15.351	ppbv	96
81) 1,2,4-Trichlorobenzene	21.127	180	1520733	12.506	ppbv	100

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

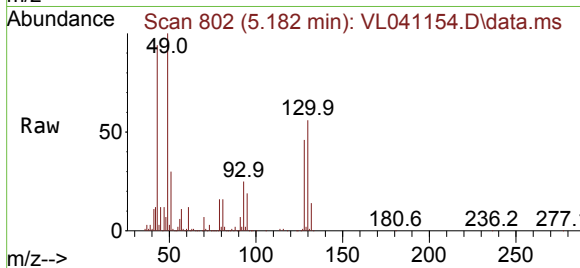
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Apr 24 02:47:46 2024
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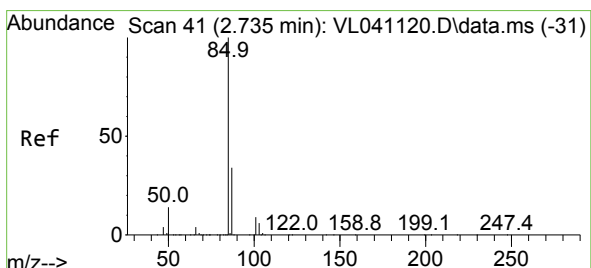
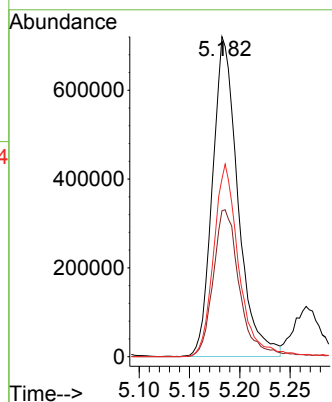
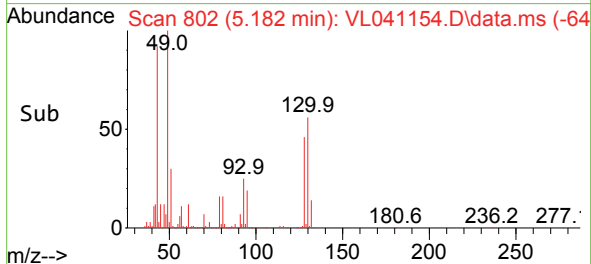


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Instrument :
MSVOA_L
ClientSampleId :

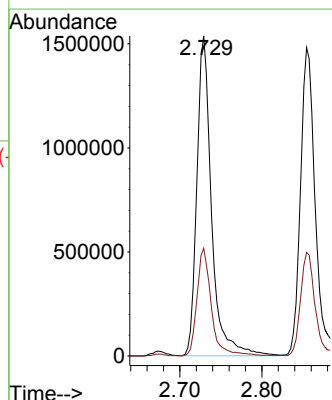
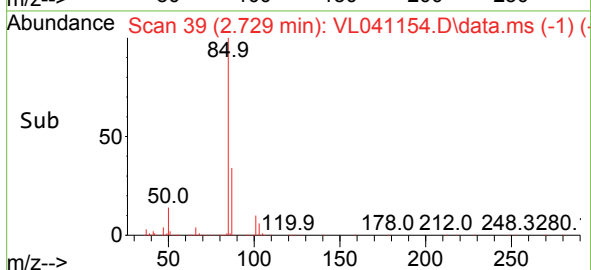
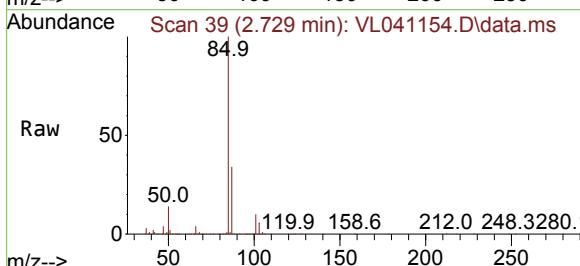


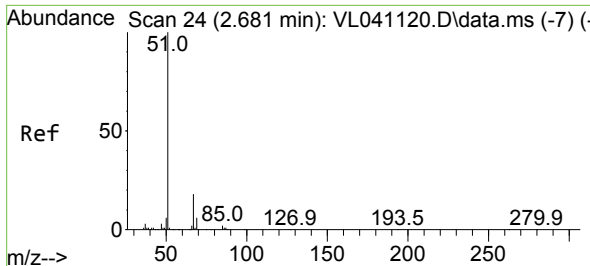
Tgt Ion: 49 Resp: 1268252
Ion Ratio Lower Upper
49 100
128 48.4 23.6 71.0
130 60.6 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 8.815 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 85 Resp: 1912295
Ion Ratio Lower Upper
85 100
87 33.6 27.0 40.6

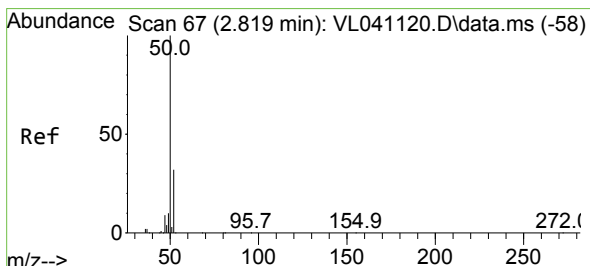
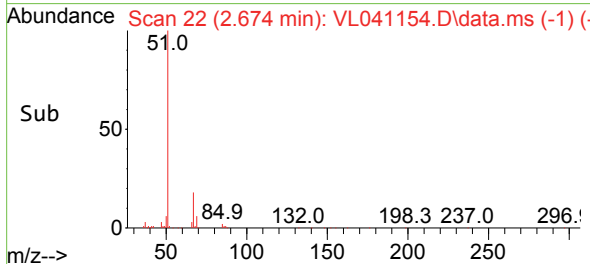
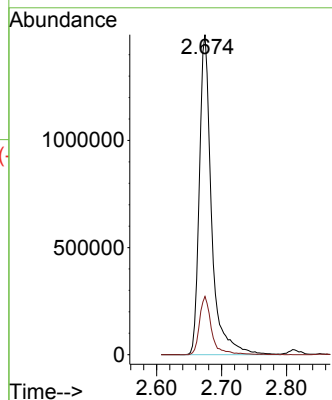
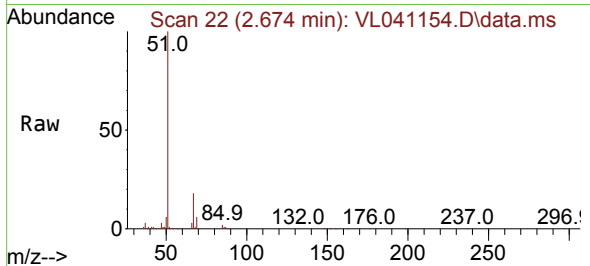




#3
Chlorodifluoromethane
Concen: 10.000 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

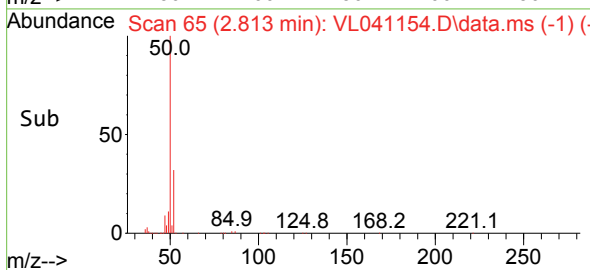
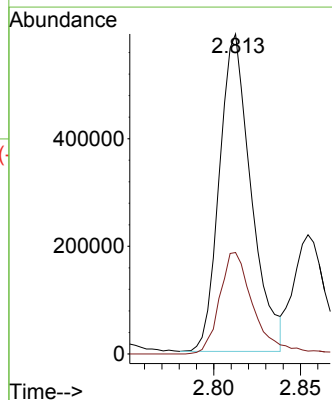
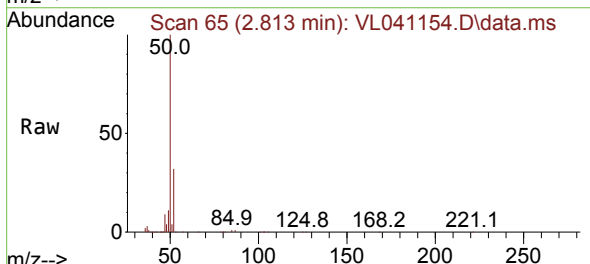
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ClientSampleId :

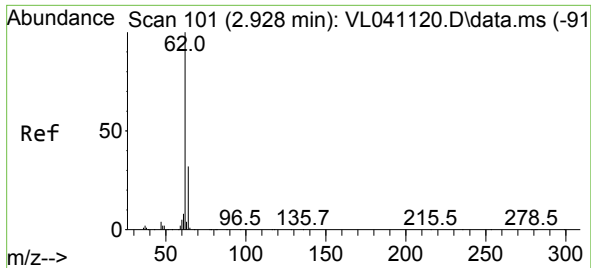
Tgt Ion: 51 Resp: 1953395
Ion Ratio Lower Upper
51 100
67 18.2 14.9 22.3



#4
Chloromethane
Concen: 10.170 ppbv
RT: 2.813 min Scan# 65
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 50 Resp: 751774
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

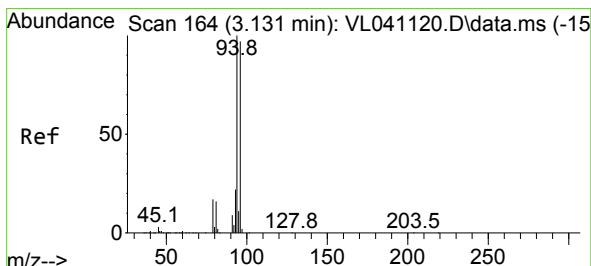
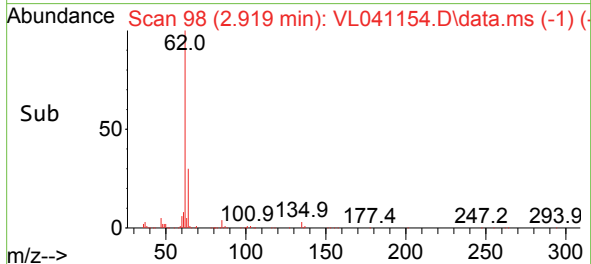
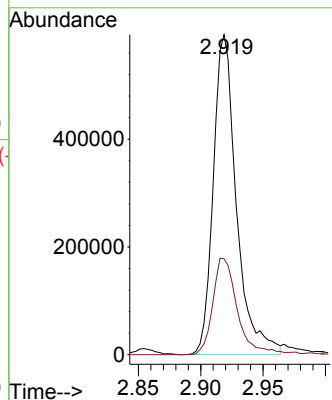
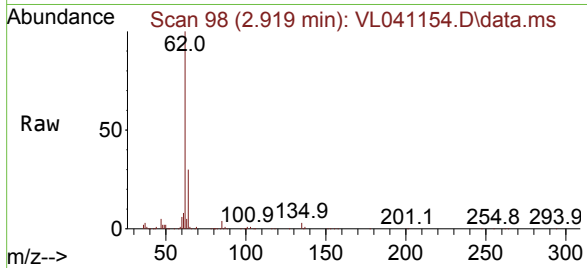




#5
 Vinyl Chloride
 Concen: 10.766 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

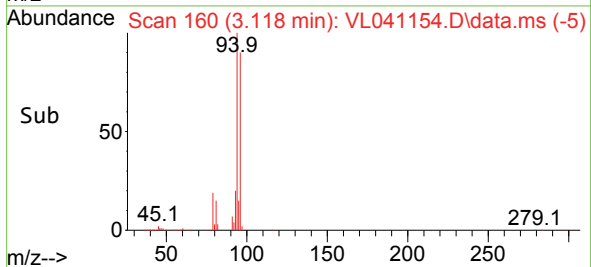
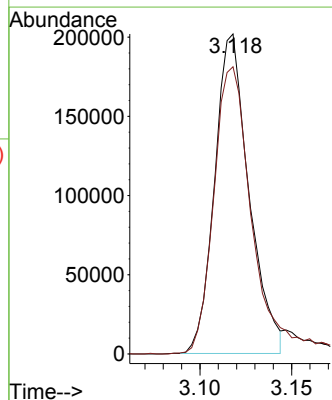
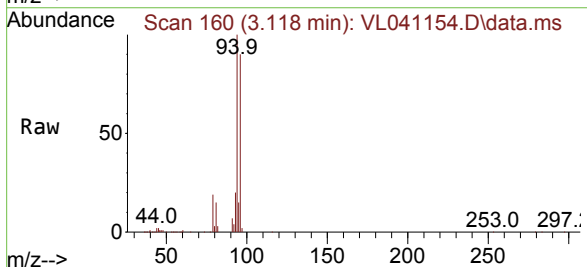
Instrument :
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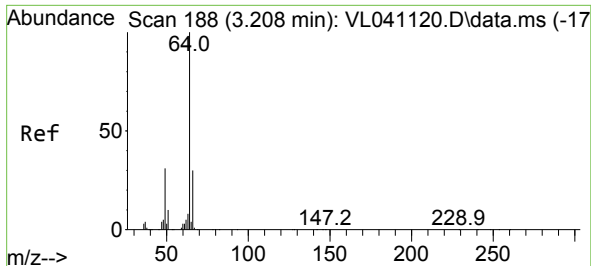
Tgt Ion: 62 Resp: 768771
 Ion Ratio Lower Upper
 62 100
 64 29.9 25.6 38.4



#6
 Bromomethane
 Concen: 9.777 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Tgt Ion: 94 Resp: 262781
 Ion Ratio Lower Upper
 94 100
 96 89.6 77.9 116.9

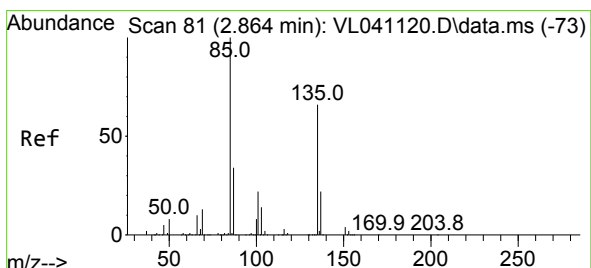
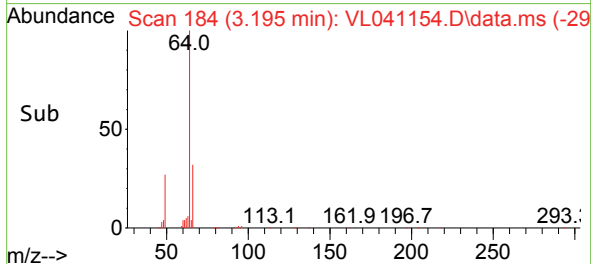
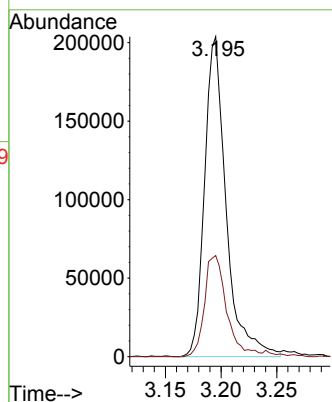
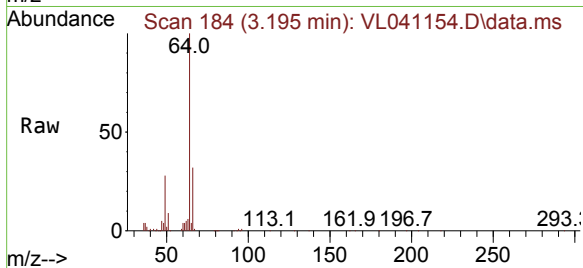




#7
Chloroethane
Concen: 10.466 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

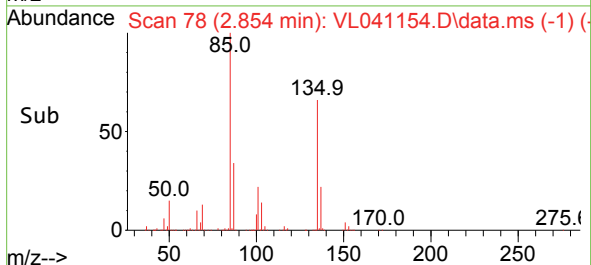
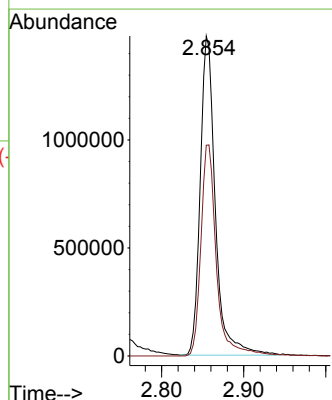
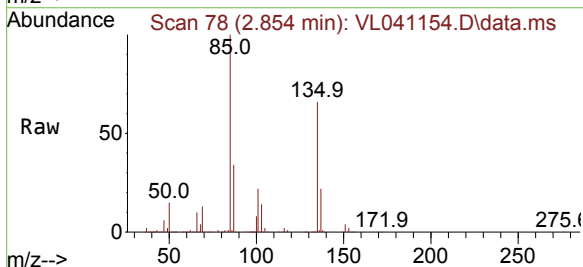
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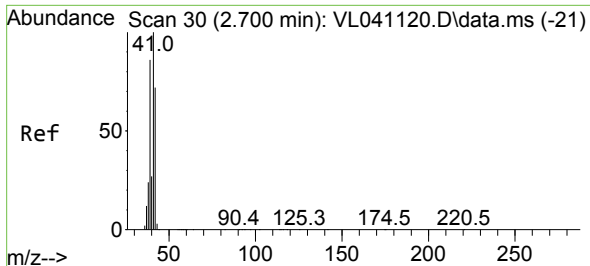
Tgt Ion: 64 Resp: 274286
Ion Ratio Lower Upper
64 100
66 31.6 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 10.219 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 85 Resp: 1891224
Ion Ratio Lower Upper
85 100
135 68.3 54.2 81.2

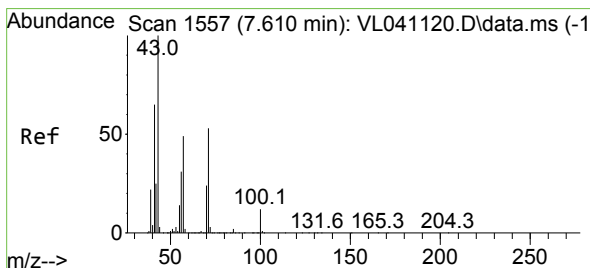
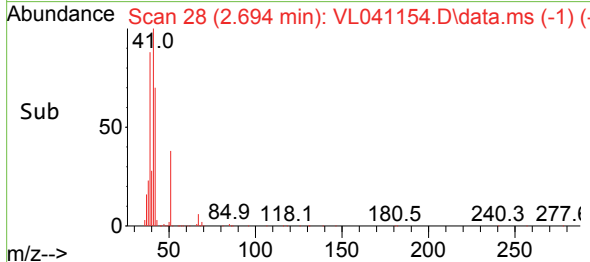
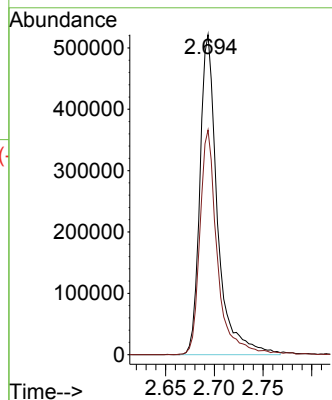
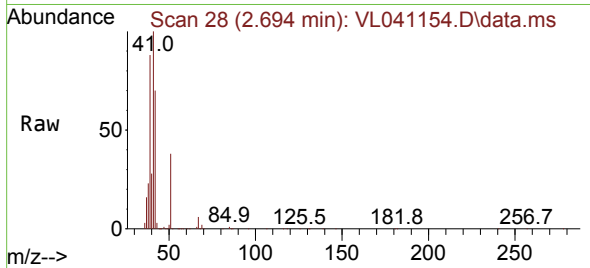




#9
Propene
Concen: 10.526 ppbv
RT: 2.694 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

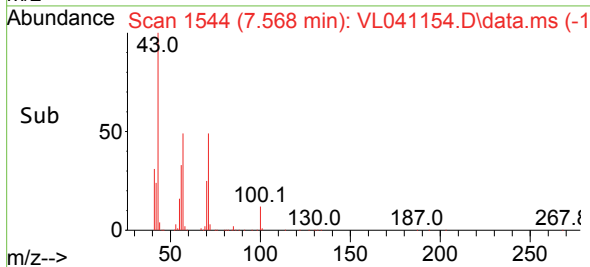
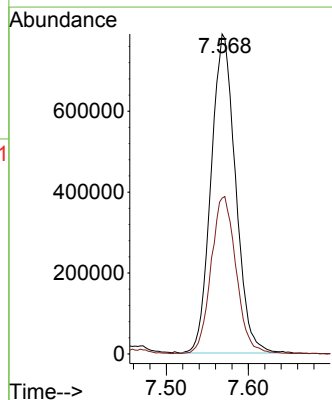
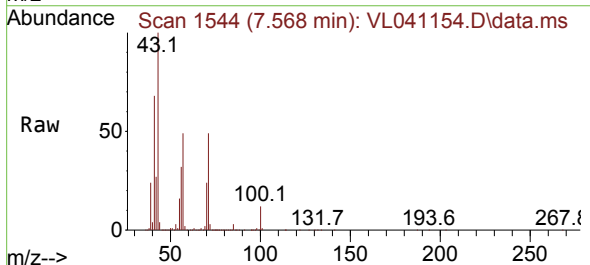
Instrument :
MSVOA_L
ClientSampleId :

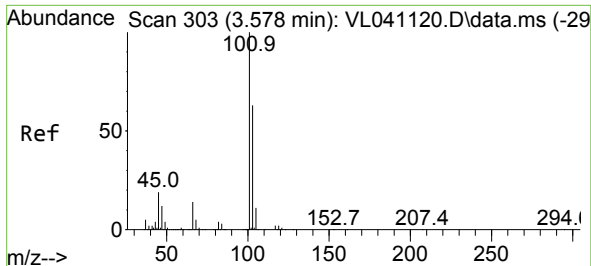
Tgt Ion: 41 Resp: 654056
Ion Ratio Lower Upper
41 100
42 70.5 60.1 90.1



#10
Heptane
Concen: 11.059 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 43 Resp: 1631529
Ion Ratio Lower Upper
43 100
57 50.8 39.9 59.9

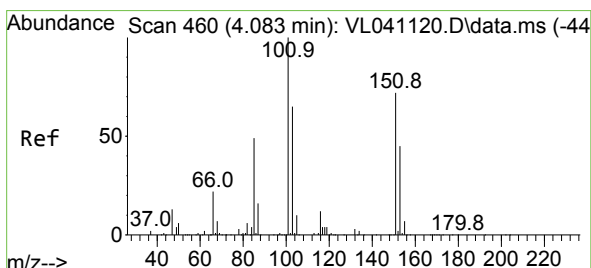
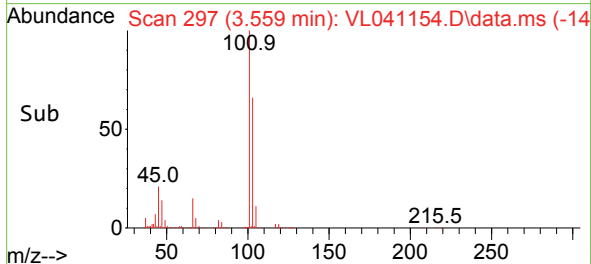
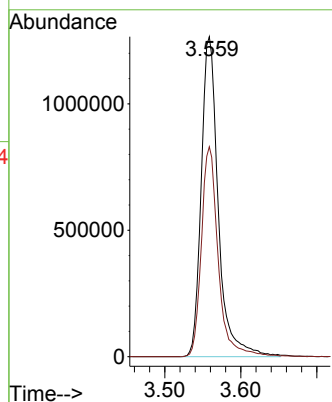
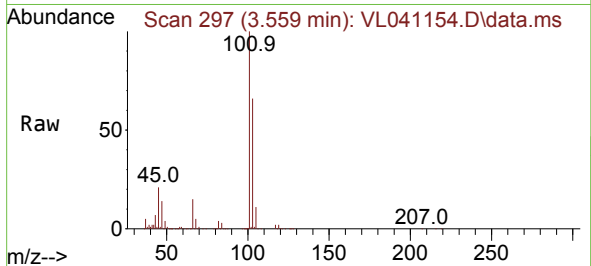




#11
 Trichlorofluoromethane
 Concen: 10.009 ppbv
 RT: 3.559 min Scan# 297
 Delta R.T. -0.003 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

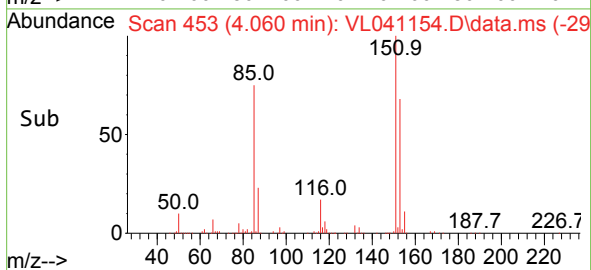
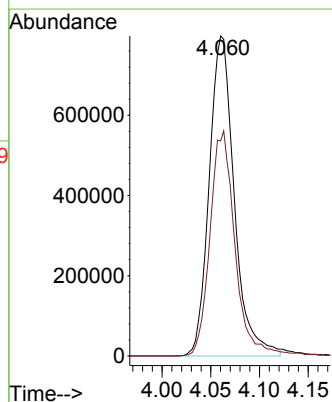
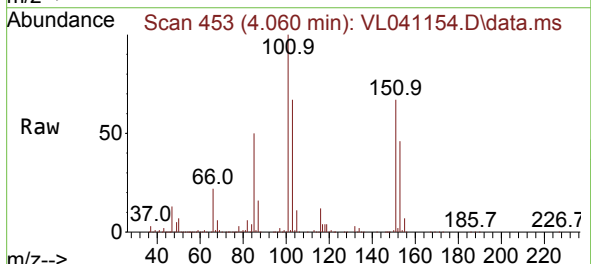
Instrument :
 MSVOA_L
 ClientSampleId :

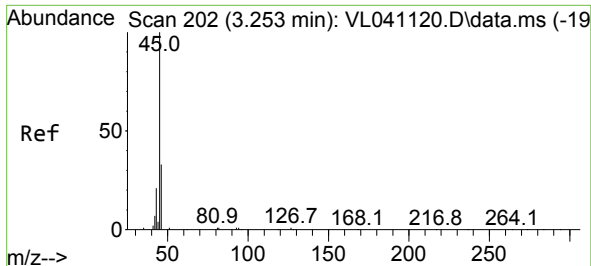
Tgt Ion:101 Resp: 1969020
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.019 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Tgt Ion:101 Resp: 1426653
 Ion Ratio Lower Upper
 101 100
 151 70.6 56.2 84.4

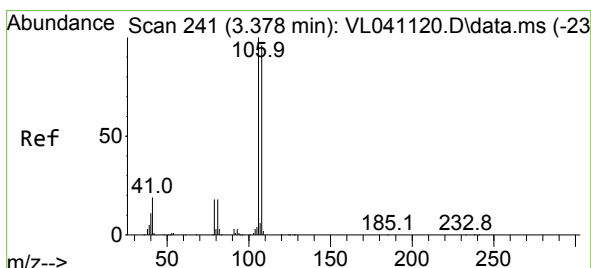
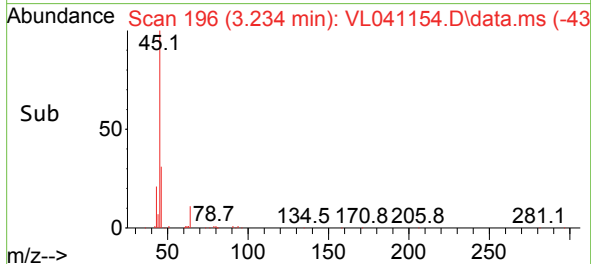
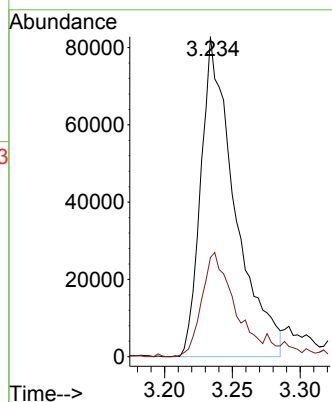
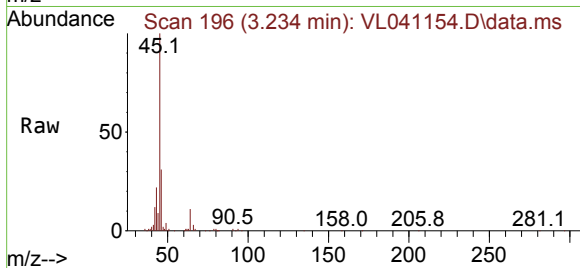




#13
Ethanol
Concen: 9.755 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.010 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

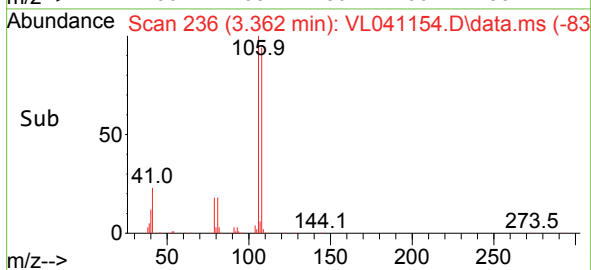
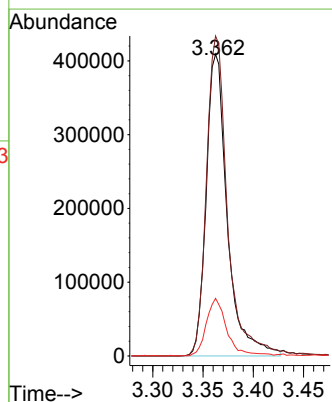
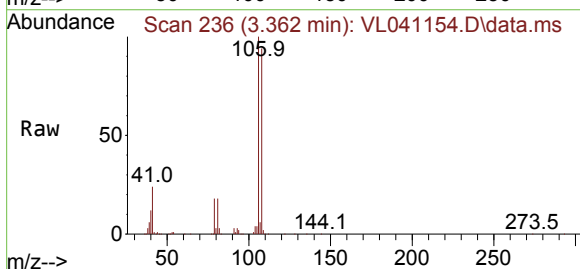
Instrument :
MSVOA_L
ClientSampleId :

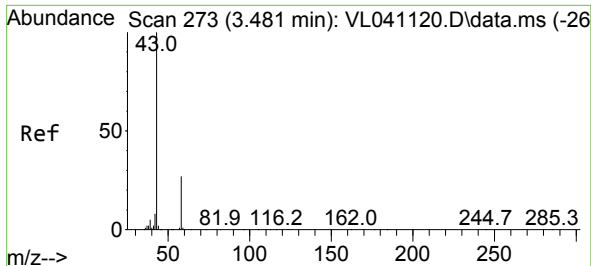
Tgt Ion: 45 Resp: 144183
Ion Ratio Lower Upper
45 100
46 36.3 15.0 59.8



#14
Bromoethene
Concen: 10.640 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion:108 Resp: 596728
Ion Ratio Lower Upper
108 100
106 107.3 86.0 129.0
79 18.8 15.4 23.2

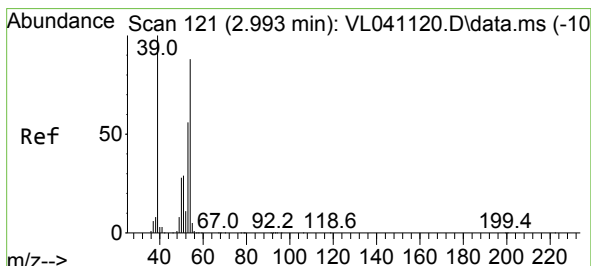
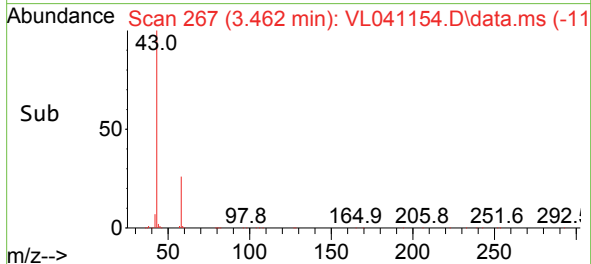
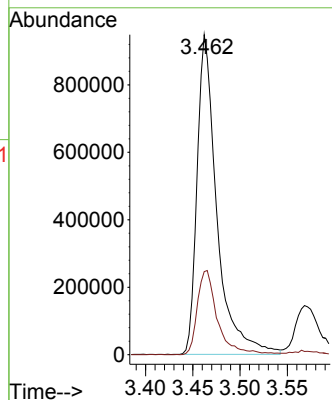
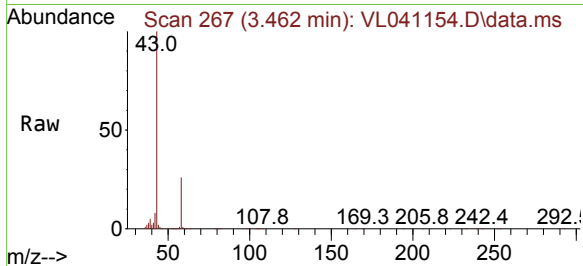




#15
Acetone
Concen: 10.045 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

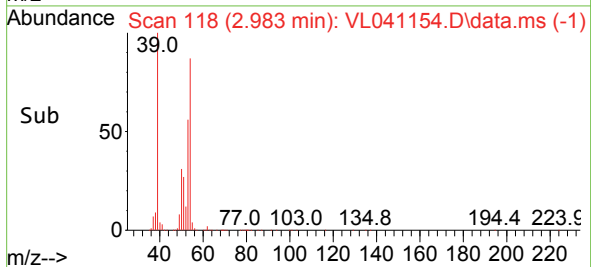
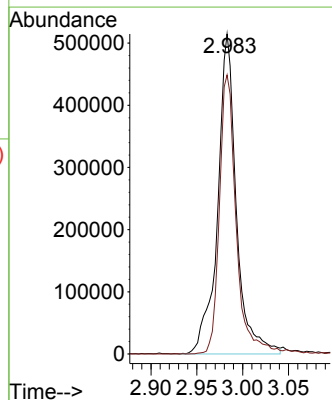
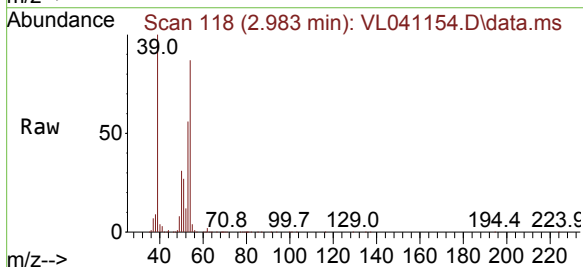
Instrument :
MSVOA_L
ClientSampleId :

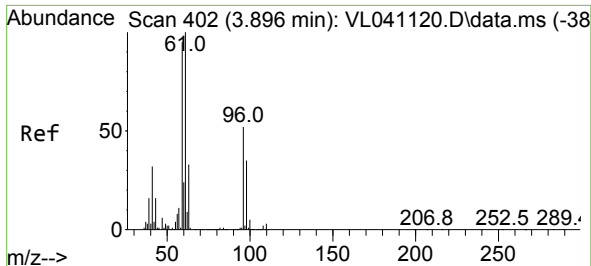
Tgt Ion: 43 Resp: 1379427
Ion Ratio Lower Upper
43 100
58 27.0 21.1 31.7



#16
1,3-Butadiene
Concen: 10.887 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 39 Resp: 733928
Ion Ratio Lower Upper
39 100
54 79.3 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.809 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

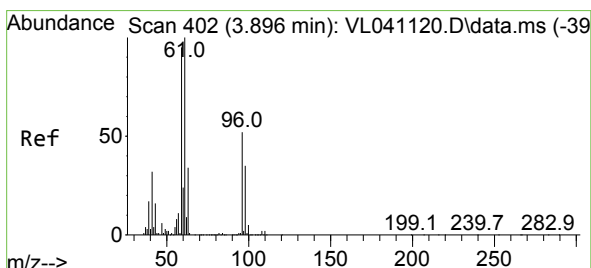
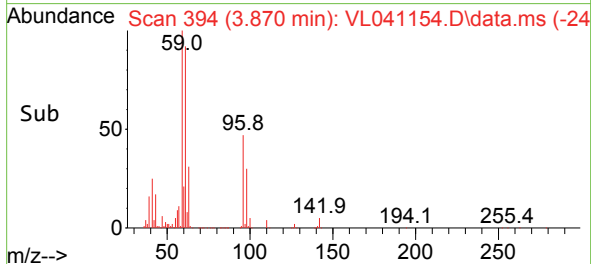
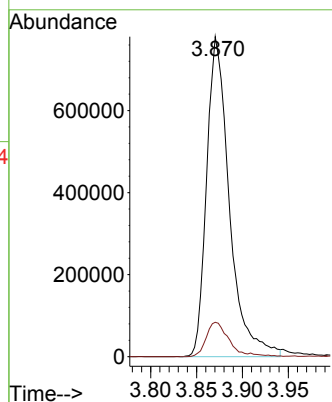
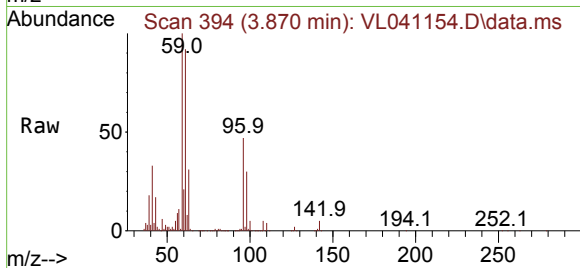
ClientSampleId :

Tgt Ion: 59 Resp: 1344271

Ion Ratio Lower Upper

59 100

57 11.1 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.516 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.006 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

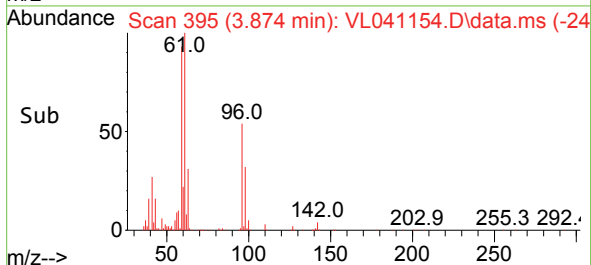
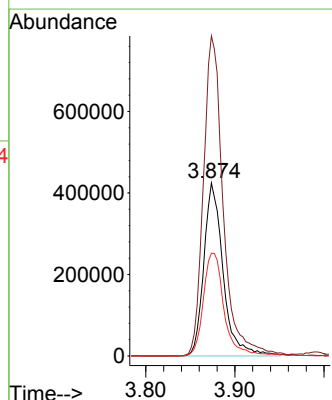
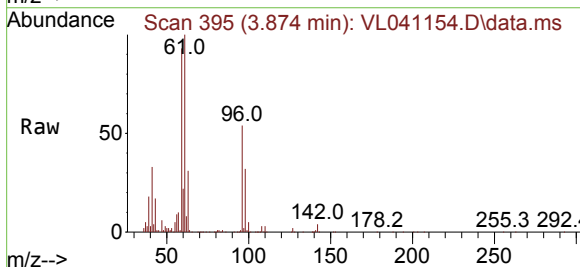
Tgt Ion: 96 Resp: 639291

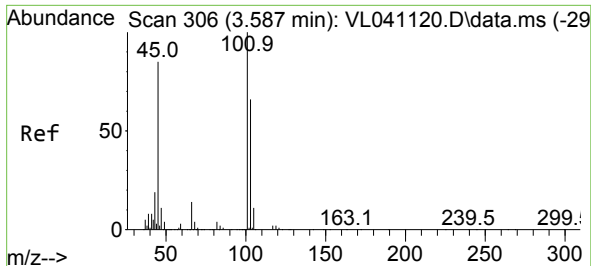
Ion Ratio Lower Upper

96 100

61 185.0 152.6 228.8

98 59.2 54.0 81.0

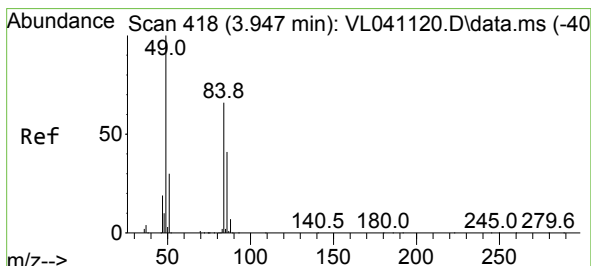
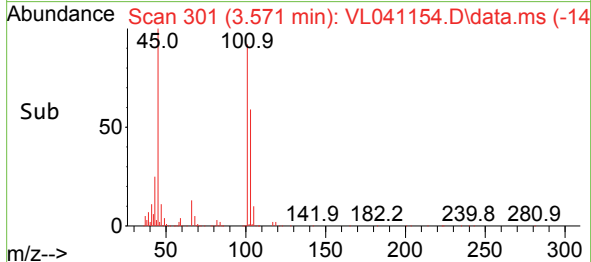
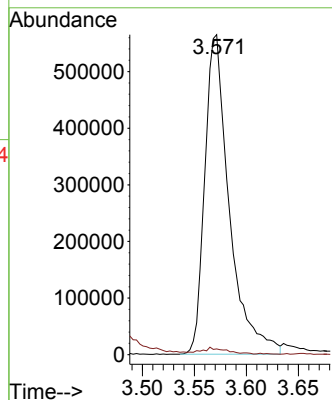
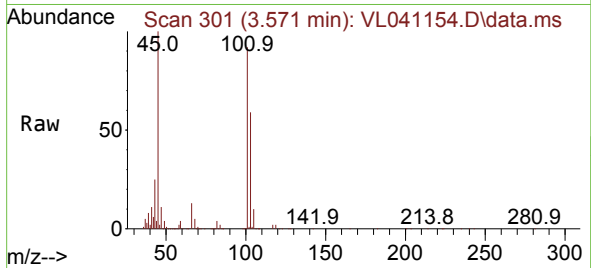




#19
Isopropyl Alcohol
Concen: 11.094 ppbv
RT: 3.571 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

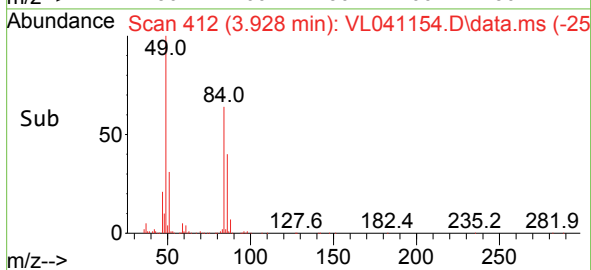
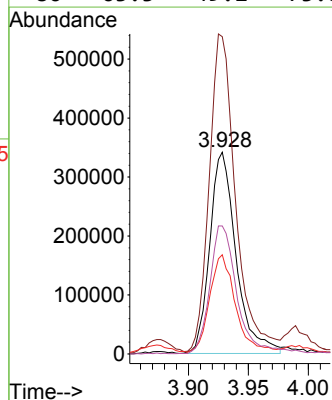
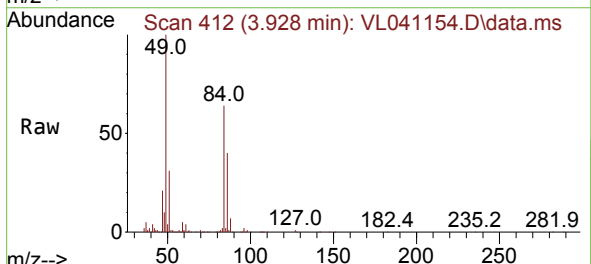
Instrument :
MSVOA_L
ClientSampleId :

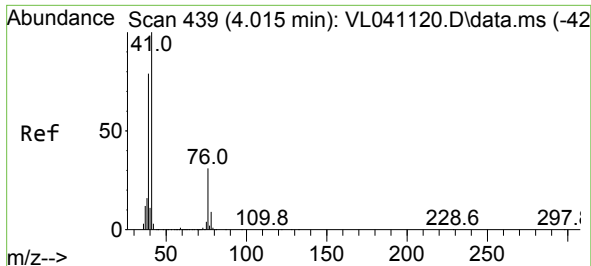
Tgt Ion: 45 Resp: 925511
Ion Ratio Lower Upper
45 100
58 2.2 2.8 4.2#



#20
Methylene Chloride
Concen: 9.224 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 84 Resp: 522434
Ion Ratio Lower Upper
84 100
49 155.4 120.7 181.1
51 48.0 36.6 54.8
86 63.3 49.2 73.8

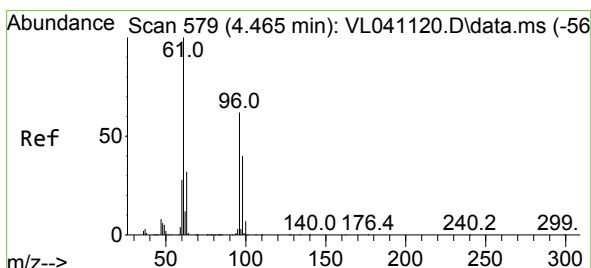
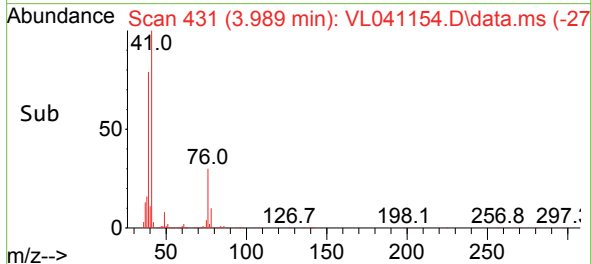
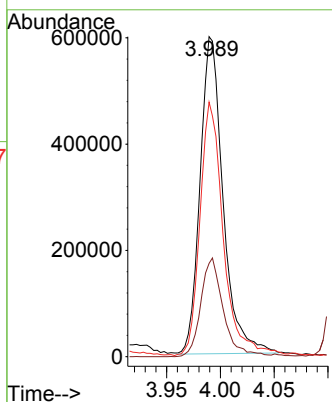
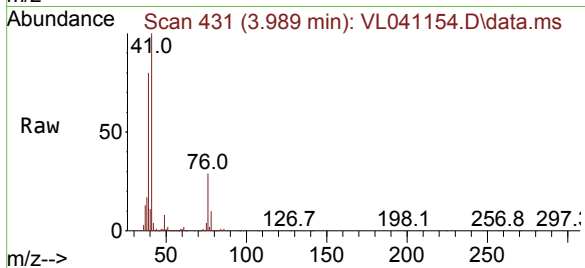




#21
 Allyl Chloride
 Concen: 10.591 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

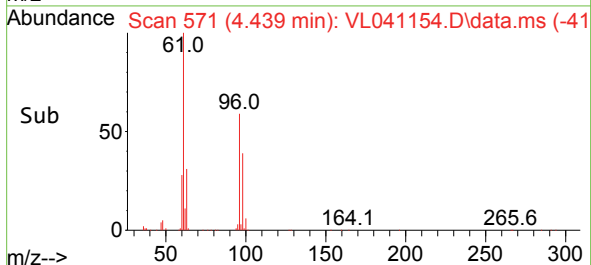
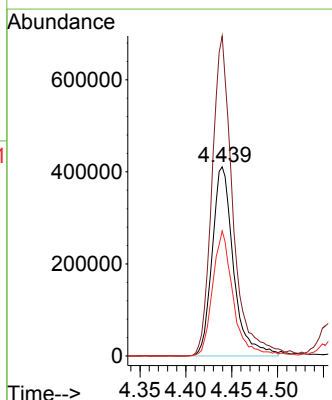
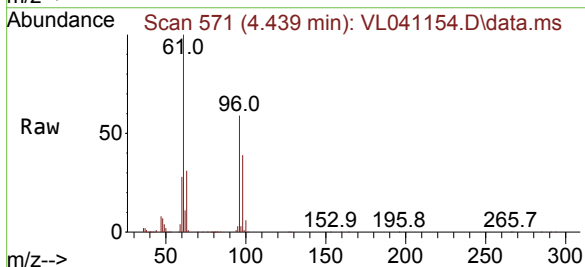
Instrument :
 MSVOA_L
 ClientSampleId :

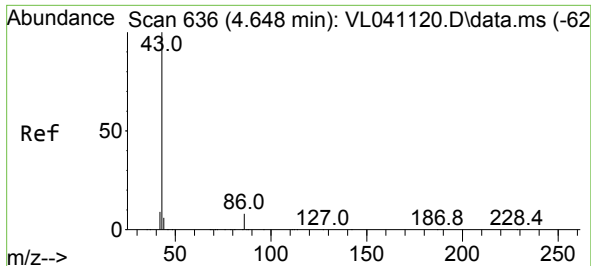
Tgt Ion: 41 Resp: 886227
 Ion Ratio Lower Upper
 41 100
 76 30.9 25.7 38.5
 39 80.9 65.7 98.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.453 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.003 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

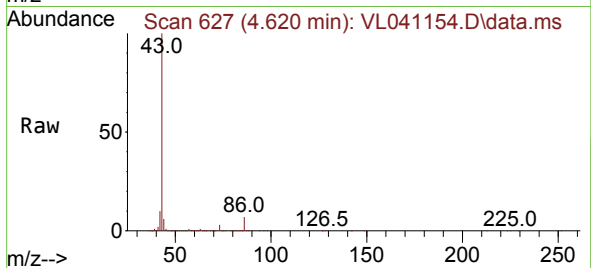
Tgt Ion: 96 Resp: 666185
 Ion Ratio Lower Upper
 96 100
 61 169.2 128.4 192.6
 98 66.1 51.5 77.3





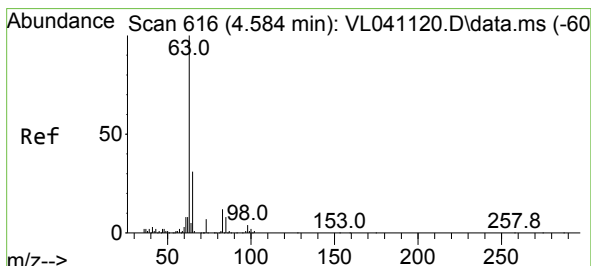
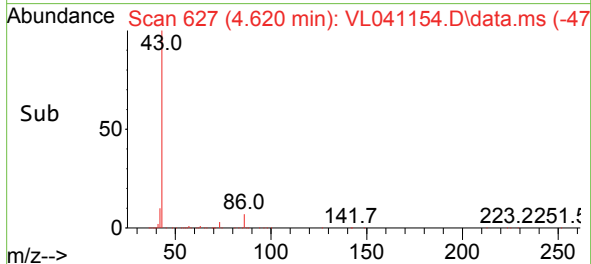
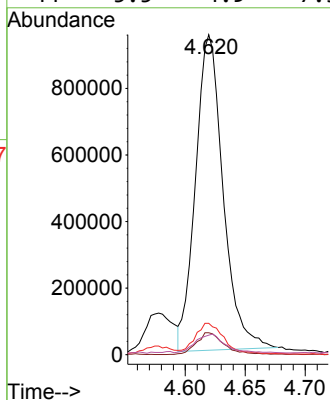
#23
 Vinyl Acetate
 Concen: 10.809 ppbv
 RT: 4.620 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1516384

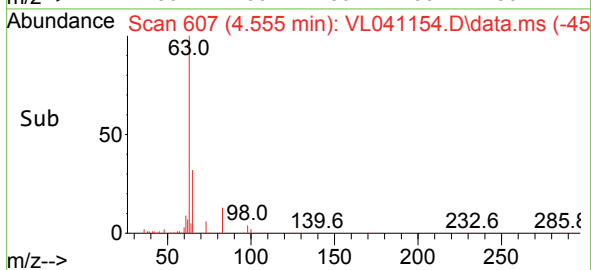
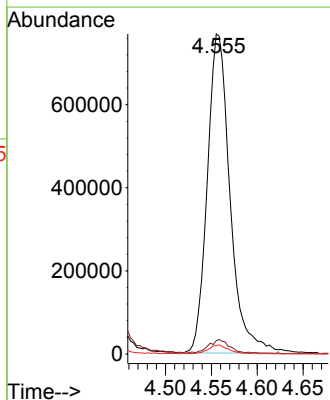
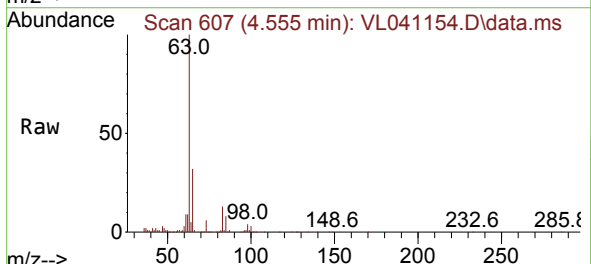
Ion	Ratio	Lower	Upper
43	100		
86	6.8	6.2	9.4
42	9.7	7.7	11.5
44	5.5	4.9	7.3

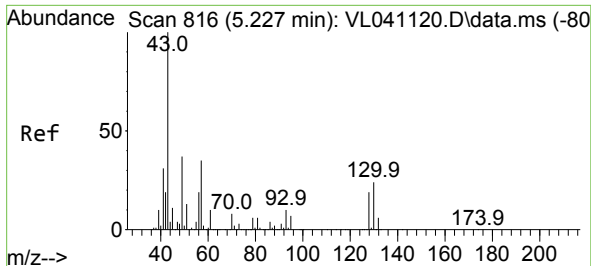


#24
 1,1-Dichloroethane
 Concen: 10.374 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Tgt Ion: 63 Resp: 1324132

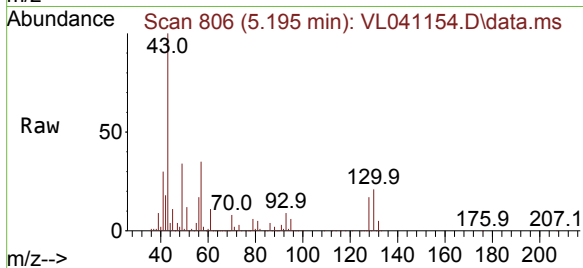
Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.3
100	2.5	1.1	3.3





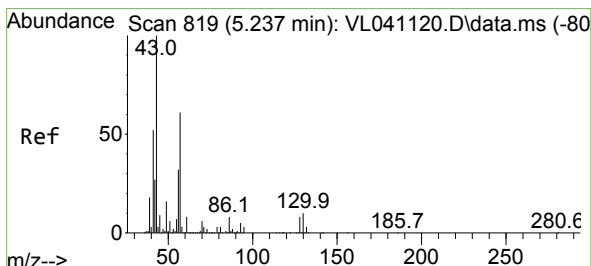
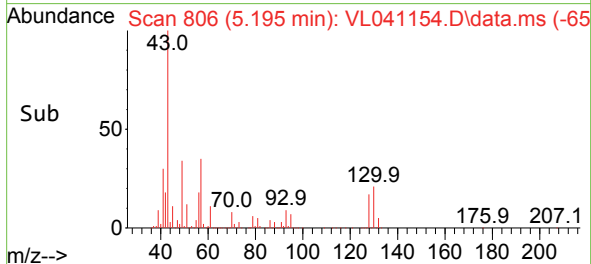
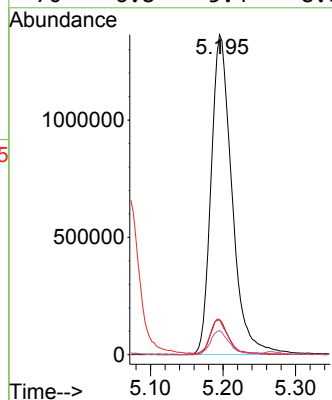
#25
Ethyl Acetate
Concen: 10.541 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2718362

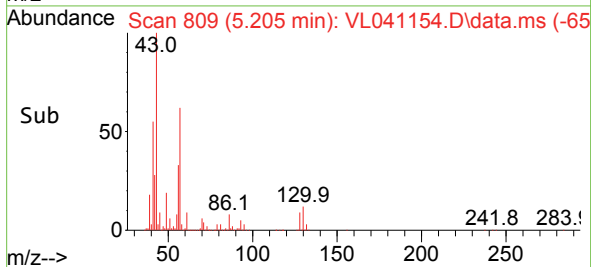
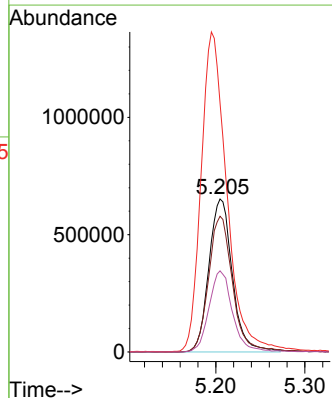
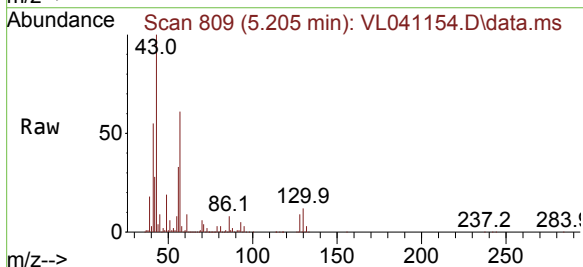
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	9.9	7.8	11.6
70	6.8	5.4	8.0

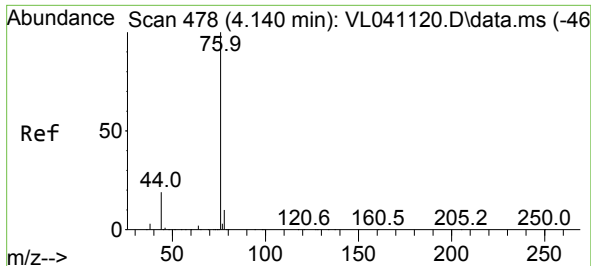


#26
Hexane
Concen: 10.288 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 57 Resp: 1190527

Ion	Ratio	Lower	Upper
57	100		
41	91.7	73.8	110.8
43	230.7	186.2	279.2
56	53.5	43.1	64.7





#27

Carbon Disulfide

Concen: 11.143 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.006 min

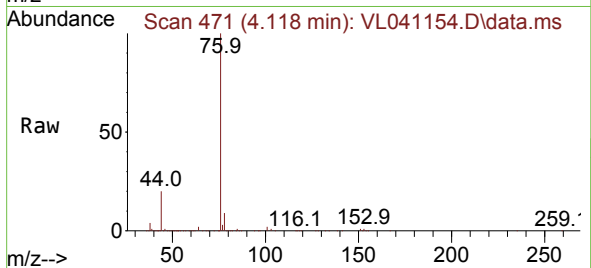
Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :



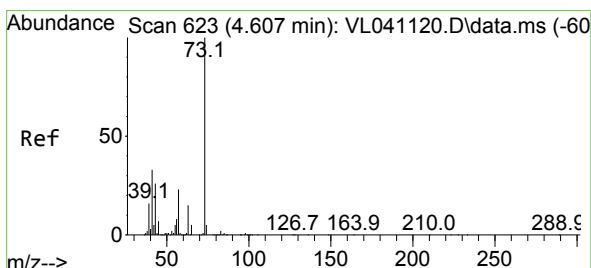
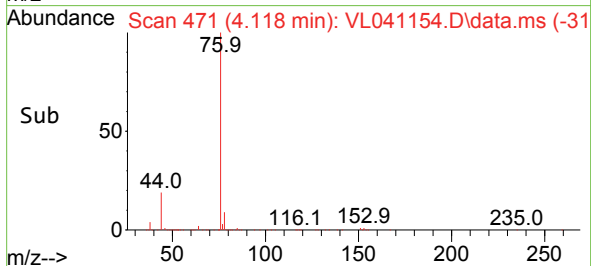
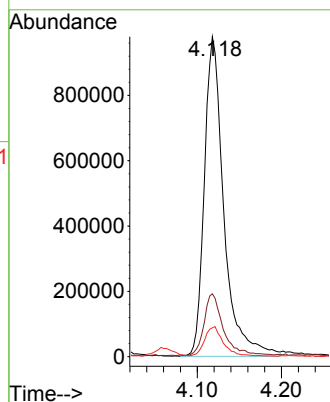
Tgt Ion: 76 Resp: 1580013

Ion Ratio Lower Upper

76 100

44 19.9 16.3 24.5

78 9.4 7.9 11.9



#28

Methyl tert-Butyl Ether

Concen: 10.440 ppbv

RT: 4.581 min Scan# 615

Delta R.T. -0.003 min

Lab File: VL041154.D

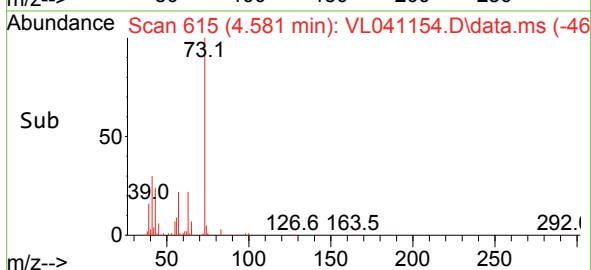
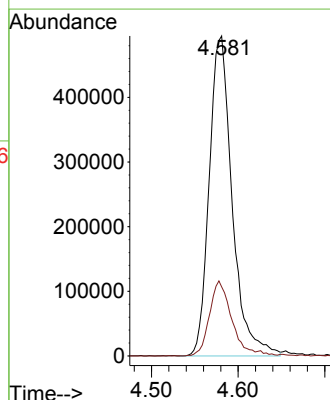
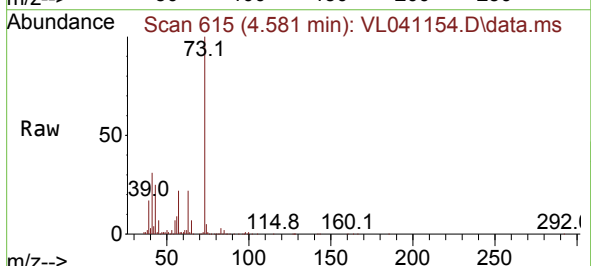
Acq: 23 Apr 2024 10:42

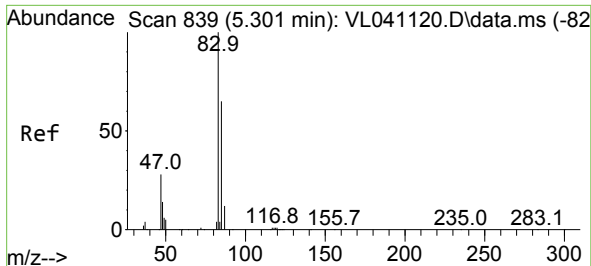
Tgt Ion: 73 Resp: 911674

Ion Ratio Lower Upper

73 100

57 23.3 18.6 27.8





#29

Chloroform

Concen: 10.252 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.000 min

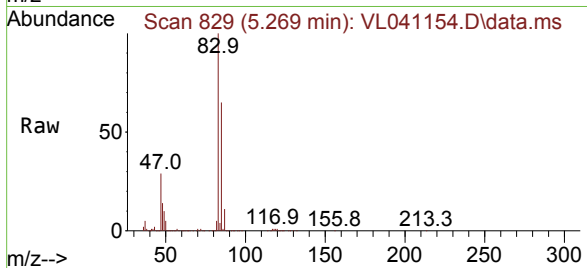
Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

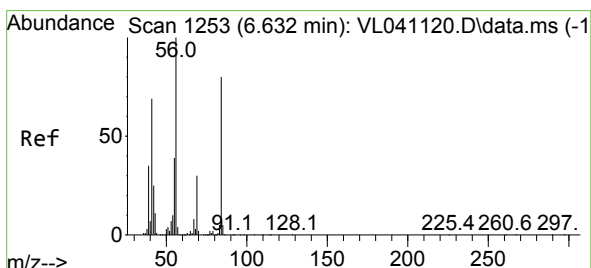
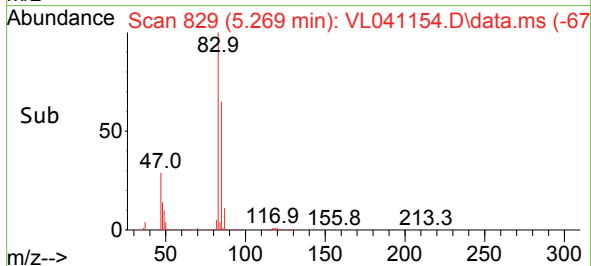
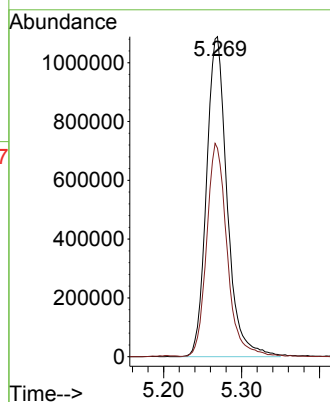


Tgt Ion: 83 Resp: 1999911

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3



#30

Cyclohexane

Concen: 10.959 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

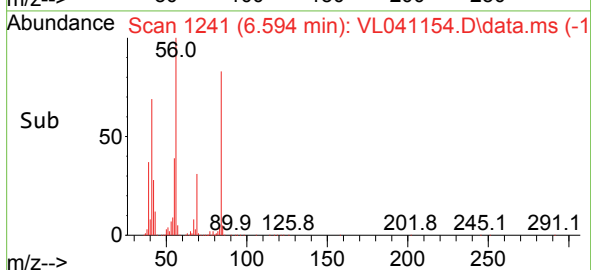
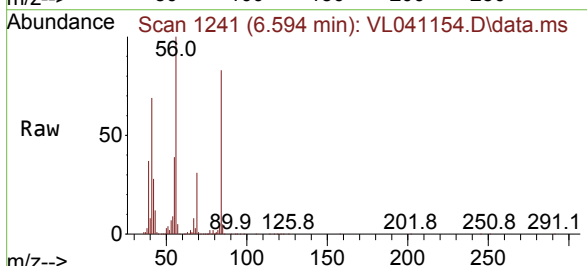
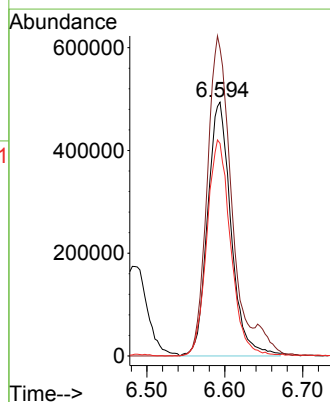
Tgt Ion: 84 Resp: 1033018

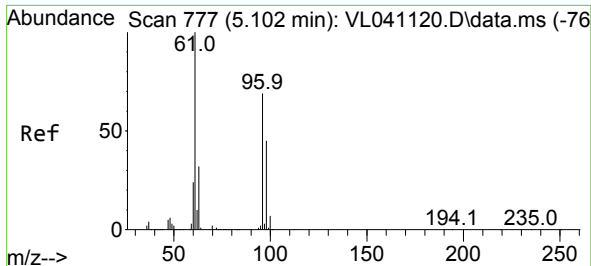
Ion Ratio Lower Upper

84 100

56 134.3 111.9 167.9

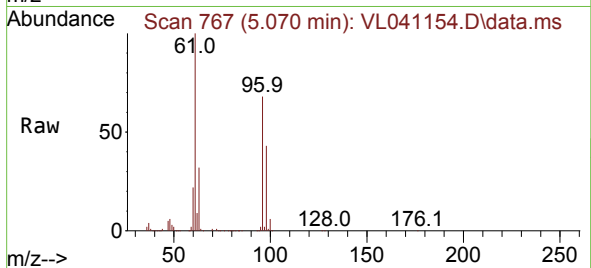
41 86.3 71.0 106.6





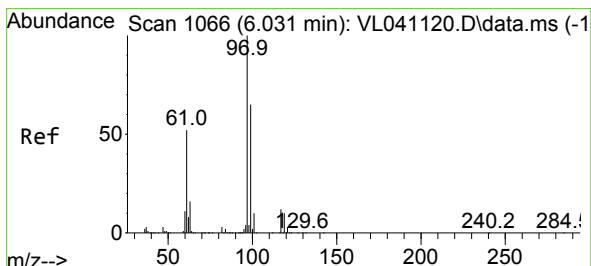
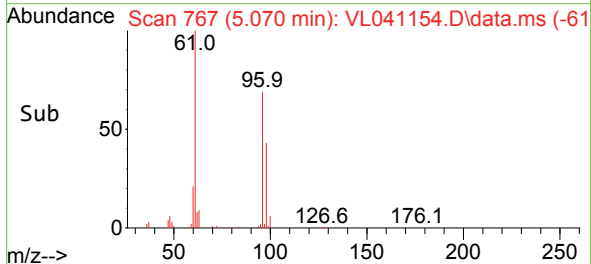
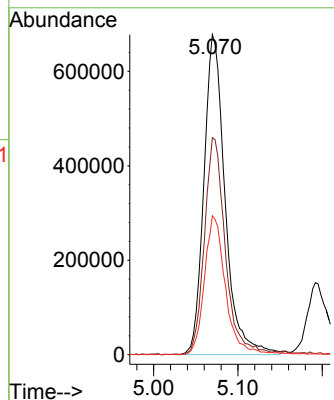
#31
 cis-1,2-Dichloroethene
 Concen: 10.827 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 1185896

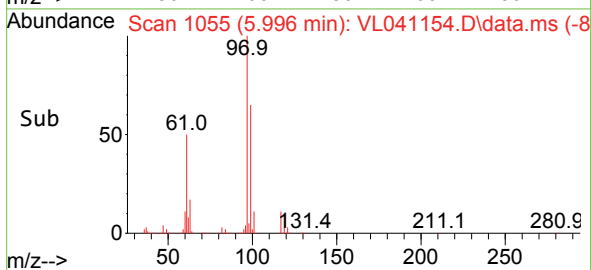
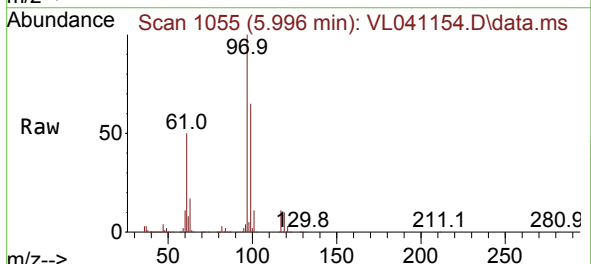
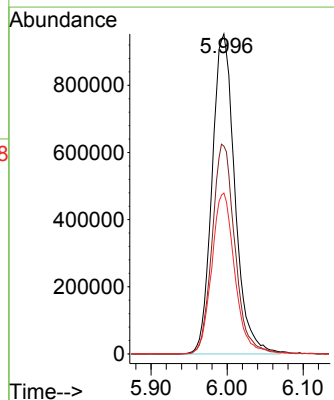
Ion	Ratio	Lower	Upper
61	100		
96	67.7	54.9	82.3
98	43.3	35.9	53.9

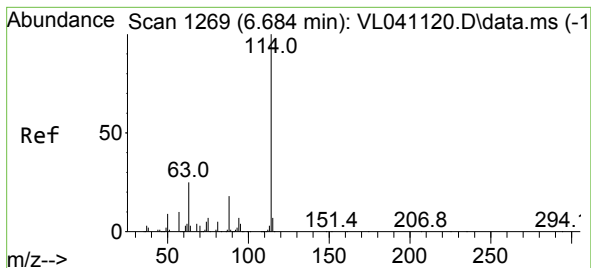


#32
 1,1,1-Trichloroethane
 Concen: 11.012 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Tgt Ion: 97 Resp: 1985754

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.0	78.0
61	51.2	40.5	60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. -0.000 min

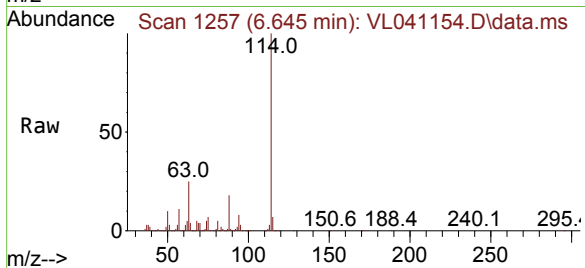
Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :



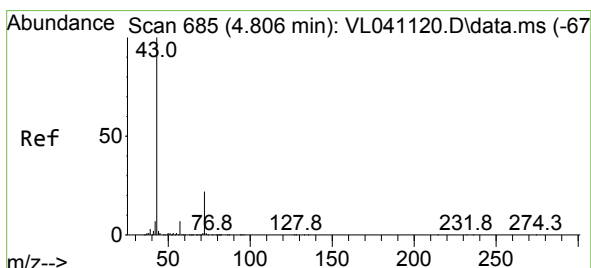
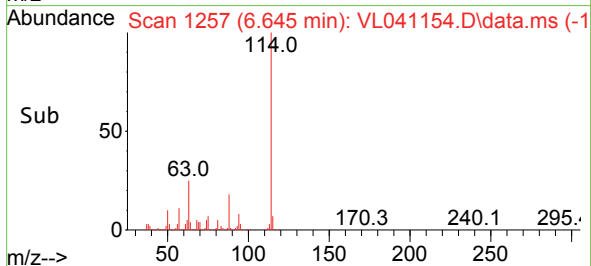
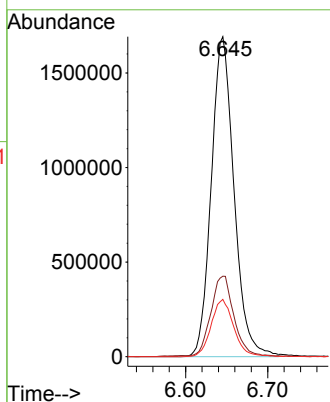
Tgt Ion:114 Resp: 3266669

Ion Ratio Lower Upper

114 100

63 26.0 20.9 31.3

88 17.9 14.5 21.7



#34

2-Butanone

Concen: 10.719 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.003 min

Lab File: VL041154.D

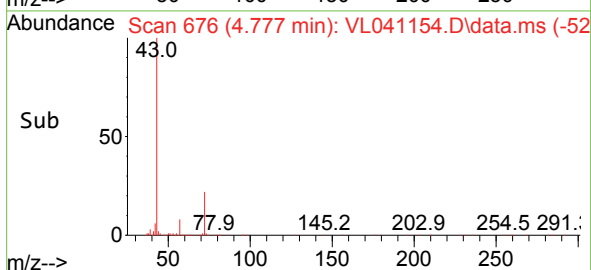
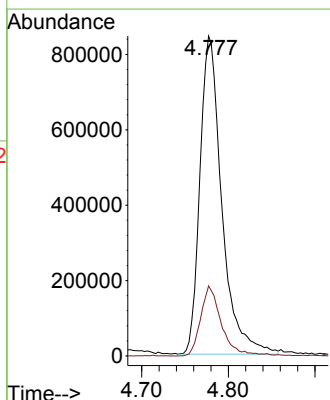
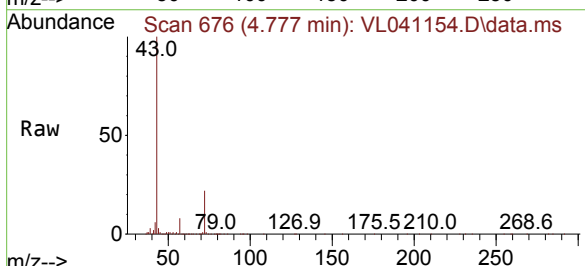
Acq: 23 Apr 2024 10:42

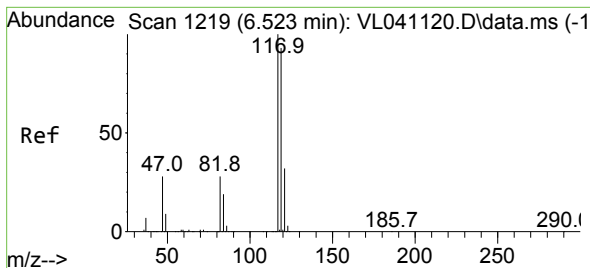
Tgt Ion: 43 Resp: 1481740

Ion Ratio Lower Upper

43 100

72 21.1 17.6 26.4





#35

Carbon Tetrachloride

Concen: 11.305 ppbv

RT: 6.484 min Scan# 1169

Delta R.T. -0.003 min

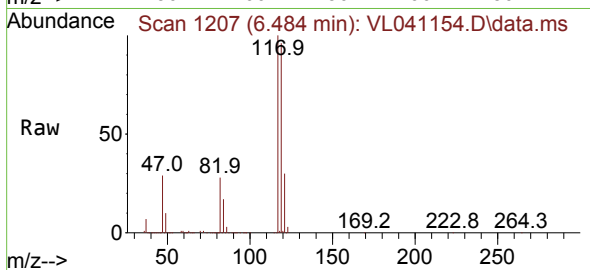
Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :



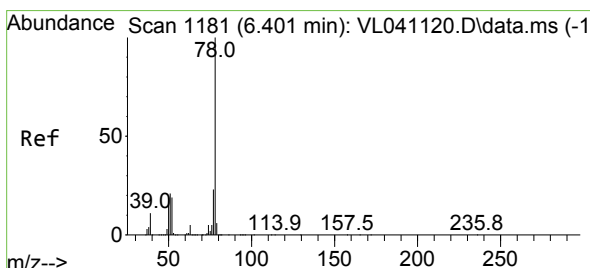
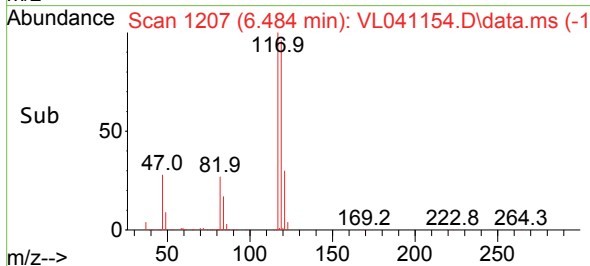
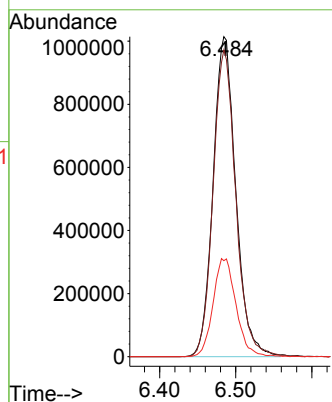
Tgt Ion:117 Resp: 2102595

Ion Ratio Lower Upper

117 100

119 95.8 74.2 111.4

121 30.0 25.4 38.2



#36

Benzene

Concen: 10.704 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

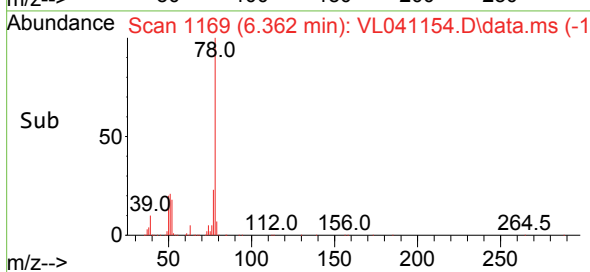
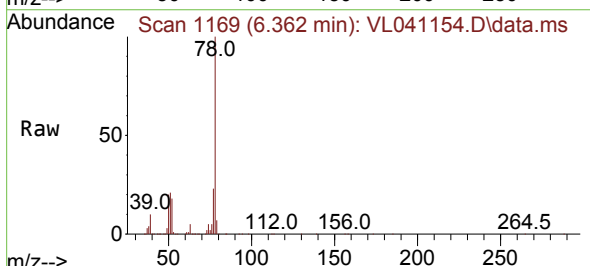
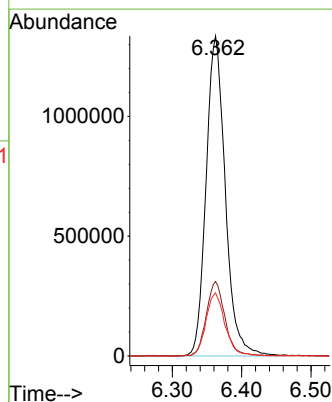
Tgt Ion: 78 Resp: 2567643

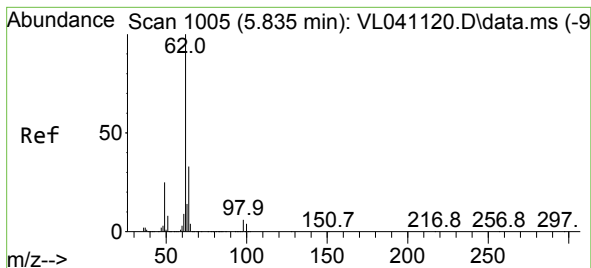
Ion Ratio Lower Upper

78 100

77 23.2 18.2 27.4

50 19.6 15.4 23.2





#37

1,2-Dichloroethane

Concen: 10.564 ppbv

RT: 5.800 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

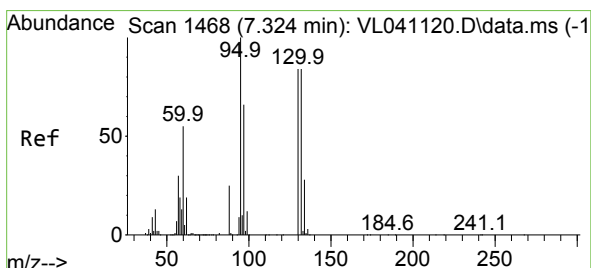
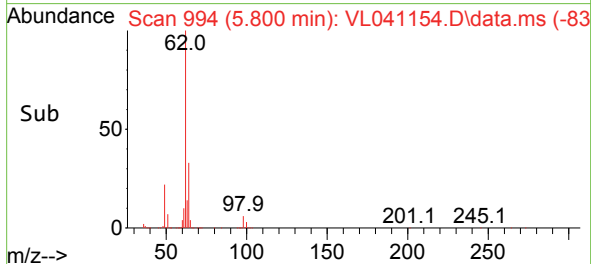
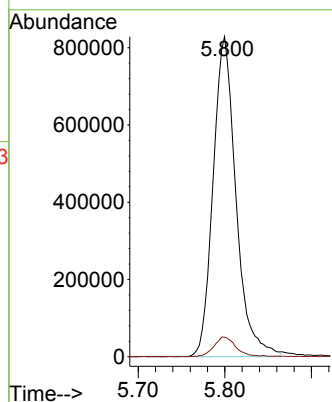
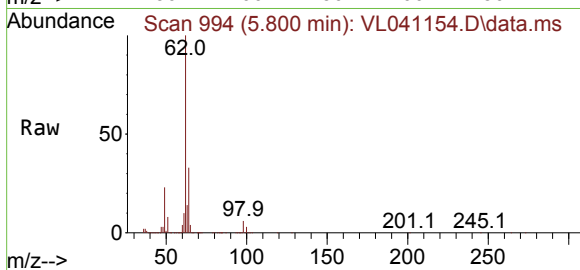
ClientSampleId :

Tgt Ion: 62 Resp: 1521500

Ion Ratio Lower Upper

62 100

98 6.2 4.6 7.0



#38

Trichloroethene

Concen: 11.540 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Tgt Ion:130 Resp: 1000104

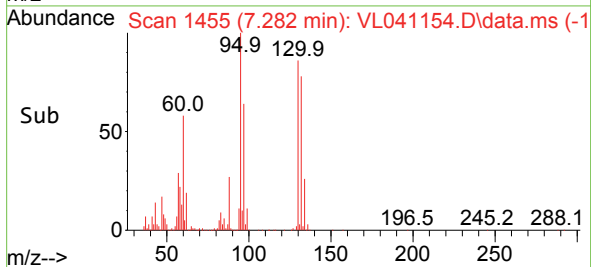
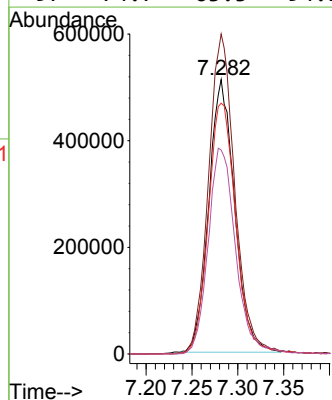
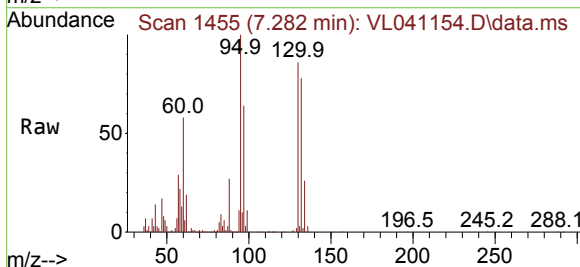
Ion Ratio Lower Upper

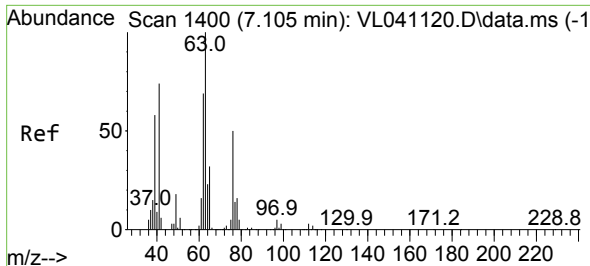
130 100

95 117.0 95.4 143.0

132 91.7 80.0 120.0

97 74.7 63.3 94.9





#39

1,2-Dichloropropane

Concen: 10.636 ppbv

RT: 7.066 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

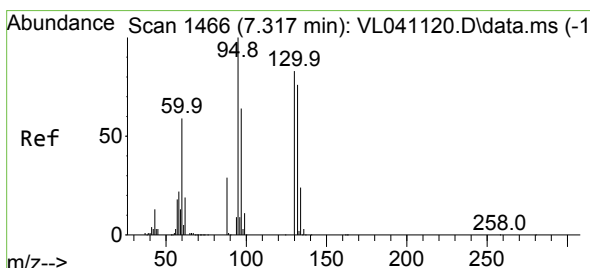
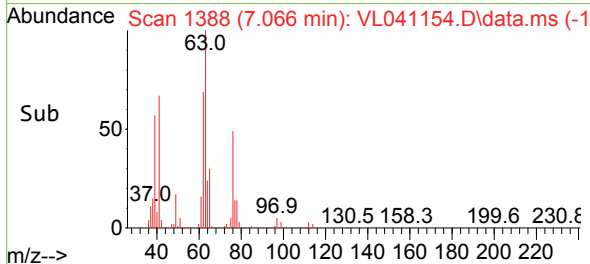
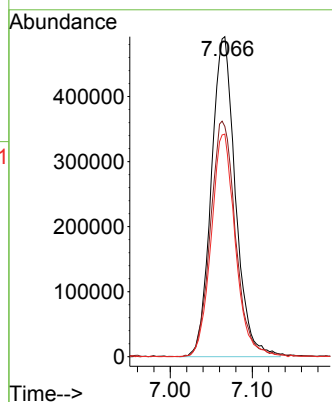
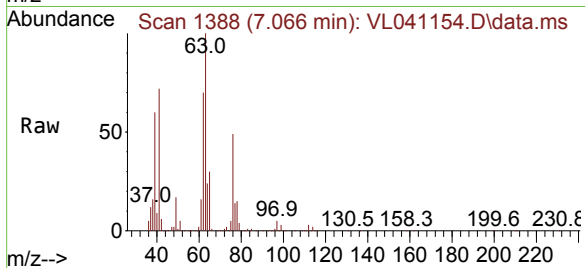
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 63 Resp: 1006032

Ion	Ratio	Lower	Upper
63	100		
41	71.9	58.7	88.1
62	69.5	55.5	83.3



#40

1,4-Dioxane

Concen: 12.348 ppbv

RT: 7.275 min Scan# 1453

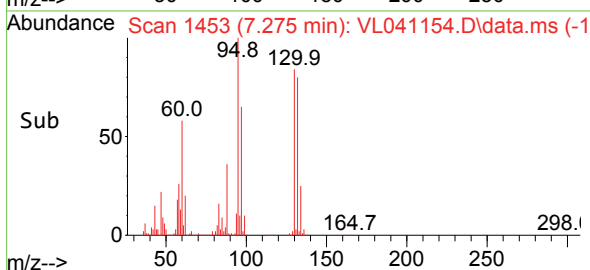
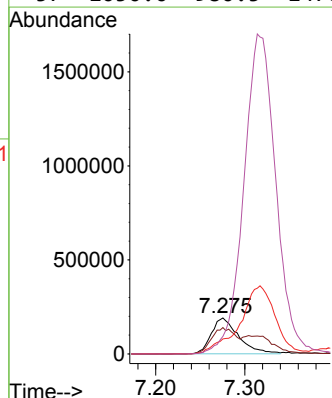
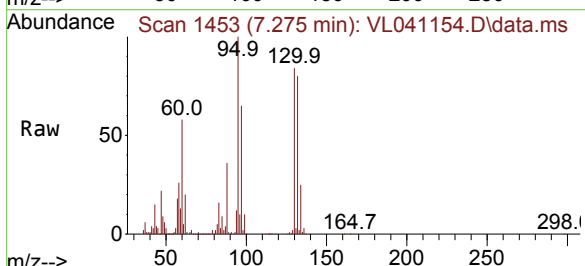
Delta R.T. -0.003 min

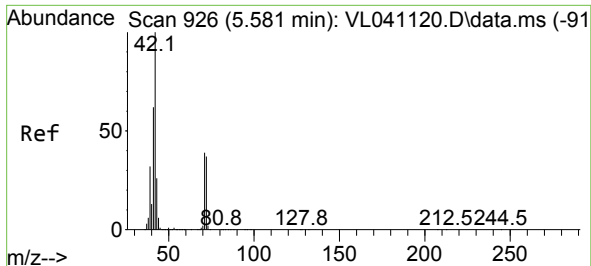
Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Tgt Ion: 88 Resp: 407065

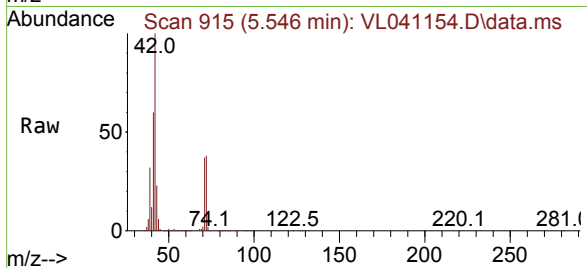
Ion	Ratio	Lower	Upper
88	100		
58	121.8	107.8	161.6
43	243.8	223.8	335.6
57	1050.0	980.5	1470.7



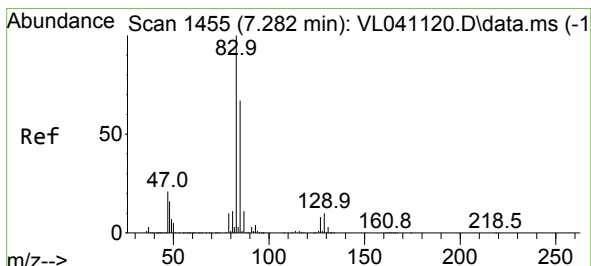
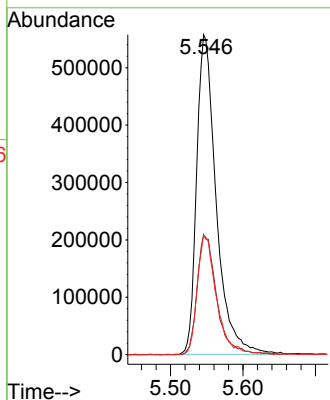
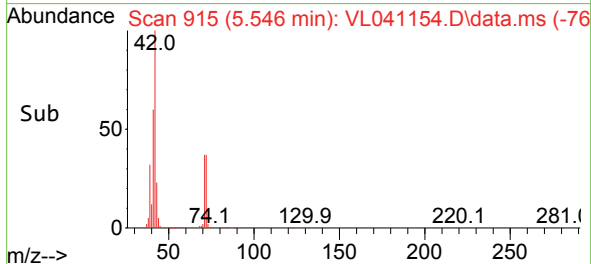


#41
Tetrahydrofuran
Concen: 11.350 ppbv
RT: 5.546 min Scan# 915
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

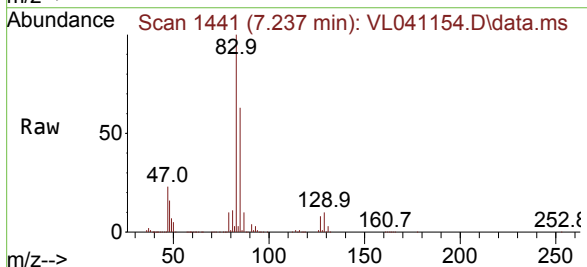
Instrument :
MSVOA_L
ClientSampleId :



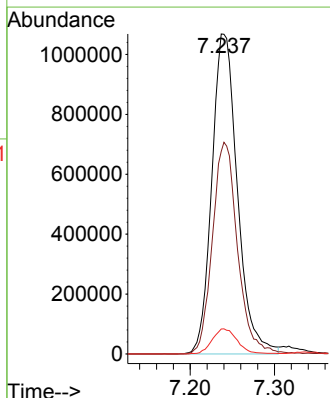
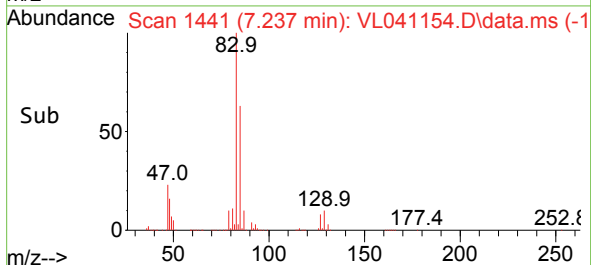
Tgt Ion: 42 Resp: 1044606
Ion Ratio Lower Upper
42 100
72 37.9 31.2 46.8
71 36.9 29.9 44.9

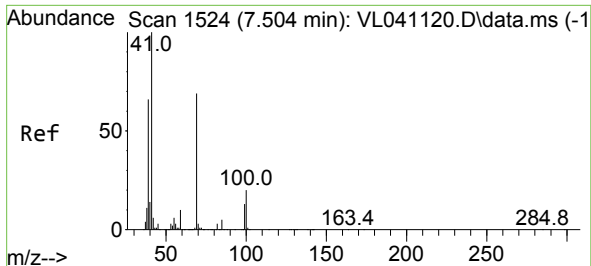


#42
Bromodichloromethane
Concen: 10.932 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



Tgt Ion: 83 Resp: 2249518
Ion Ratio Lower Upper
83 100
85 63.3 53.5 80.3
127 7.8 6.2 9.4

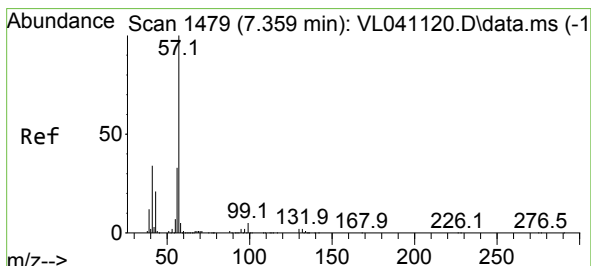
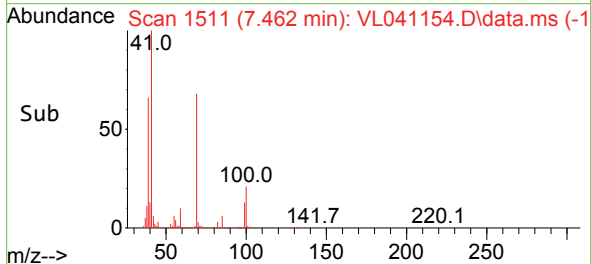
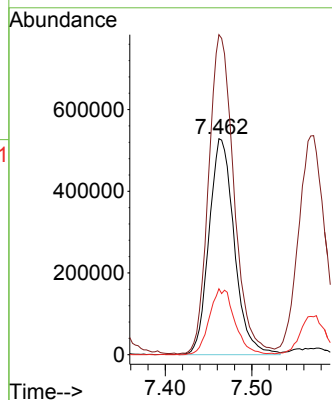
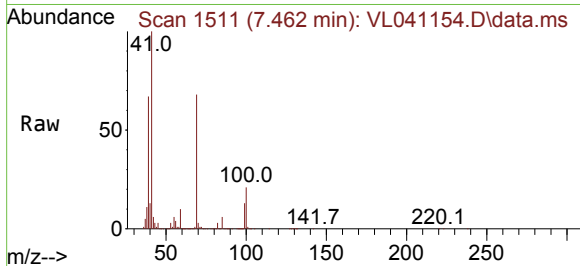




#43
Methyl Methacrylate
Concen: 11.706 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

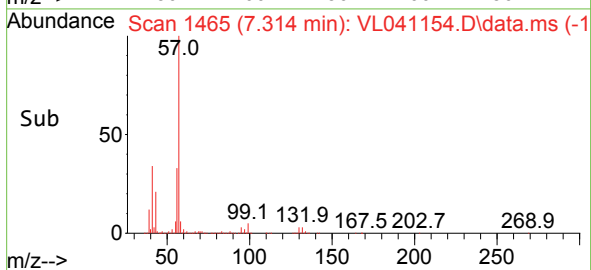
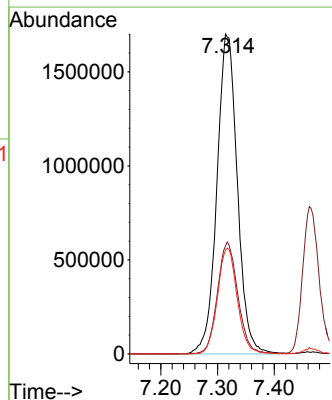
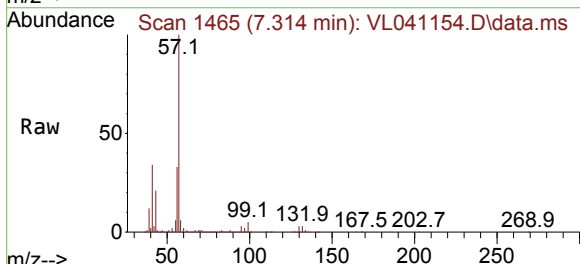
Instrument :
MSVOA_L
ClientSampleId :

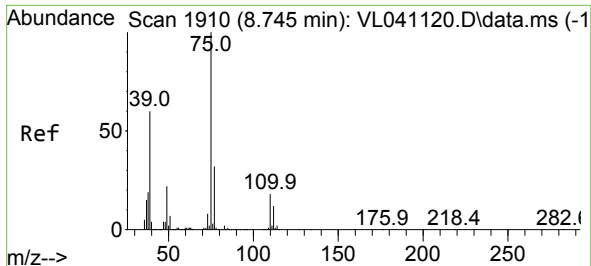
Tgt Ion: 69 Resp: 1069675
Ion Ratio Lower Upper
69 100
41 148.1 119.2 178.8
100 30.8 24.6 37.0



#44
2,2,4-Trimethylpentane
Concen: 10.749 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 57 Resp: 4268715
Ion Ratio Lower Upper
57 100
41 35.0 28.2 42.2
56 32.1 25.2 37.8

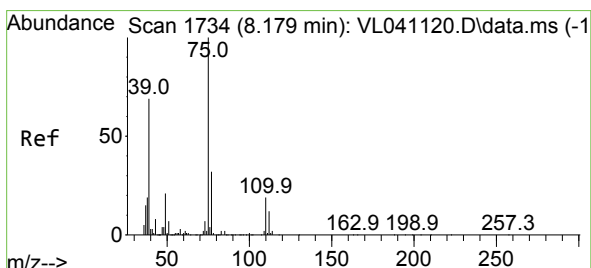
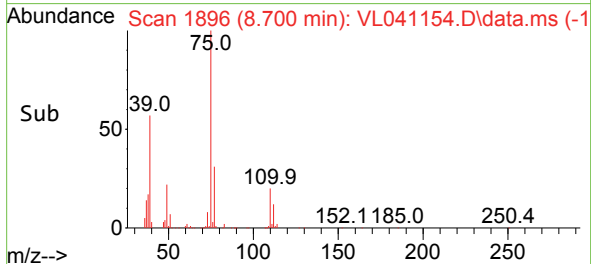
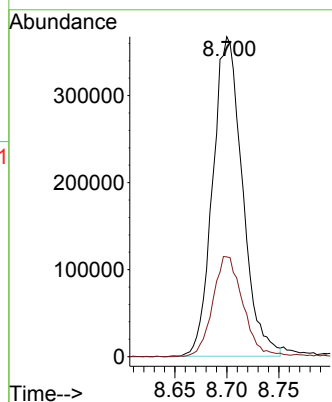
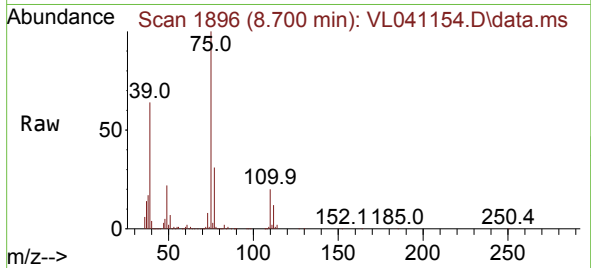




#45
 t-1,3-Dichloropropene
 Concen: 13.522 ppbv
 RT: 8.700 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

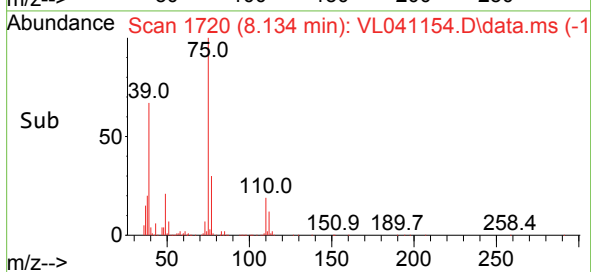
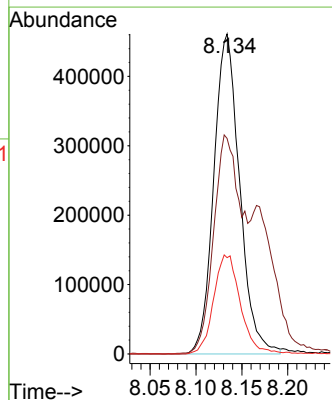
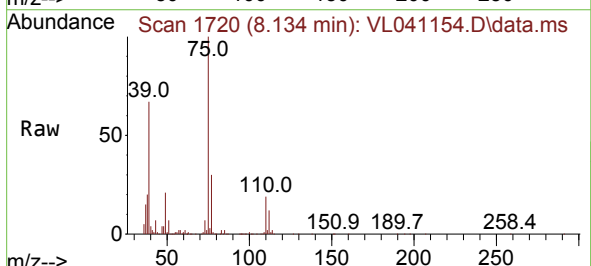
Instrument :
 MSVOA_L
 ClientSampleId :

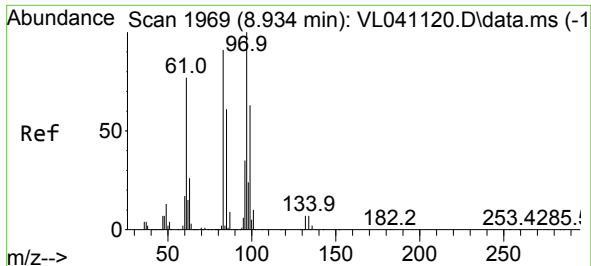
Tgt Ion: 75 Resp: 728160
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 12.960 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. -0.000 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Tgt Ion: 75 Resp: 902921
 Ion Ratio Lower Upper
 75 100
 39 67.1 55.1 82.7
 77 30.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.803 ppbv

RT: 8.889 min Scan# 1969

Delta R.T. -0.000 min

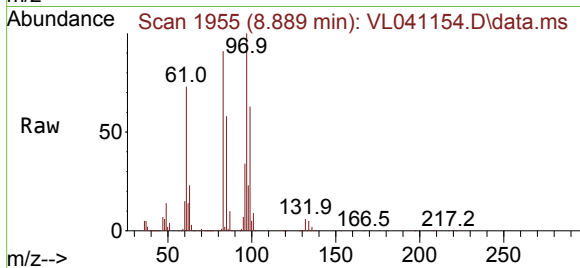
Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 1104368

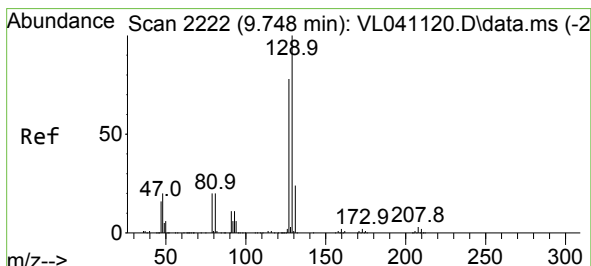
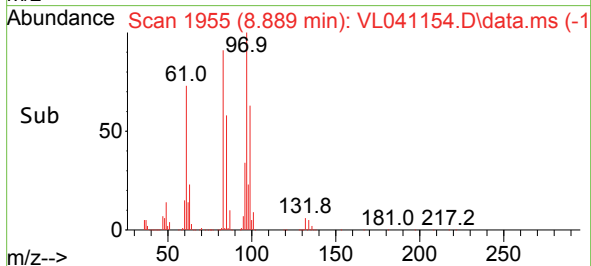
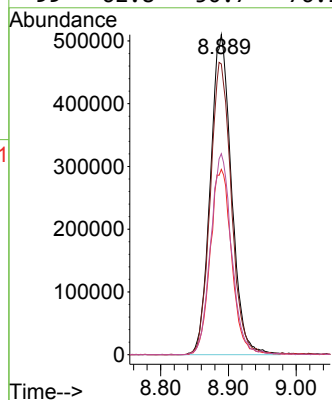
Ion Ratio Lower Upper

97 100

83 90.9 72.9 109.3

85 57.8 49.1 73.7

99 62.8 50.7 76.1



#48

Dibromochloromethane

Concen: 11.586 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VL041154.D

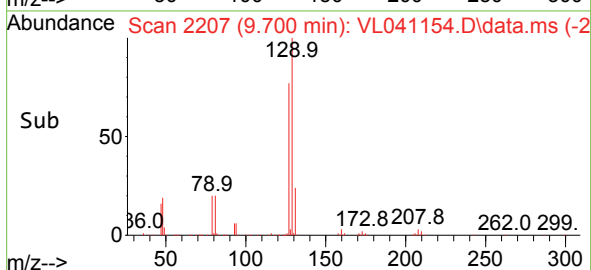
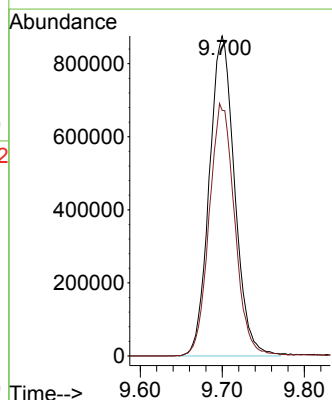
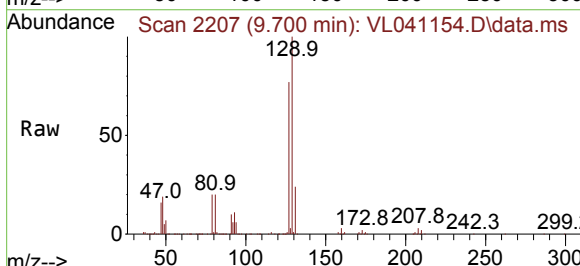
Acq: 23 Apr 2024 10:42

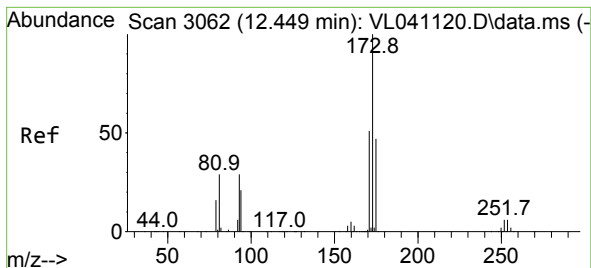
Tgt Ion: 129 Resp: 1880136

Ion Ratio Lower Upper

129 100

127 79.5 39.3 117.9





#49

Bromoform

Concen: 12.074 ppbv

RT: 12.397 min Scan# 3062

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

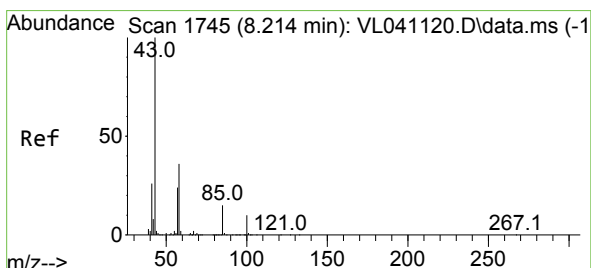
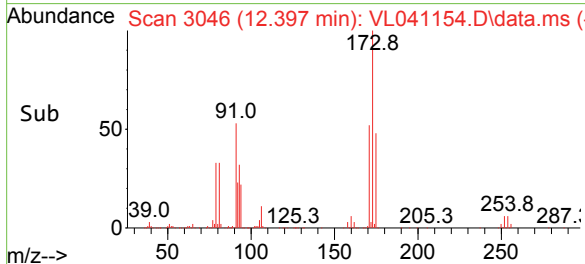
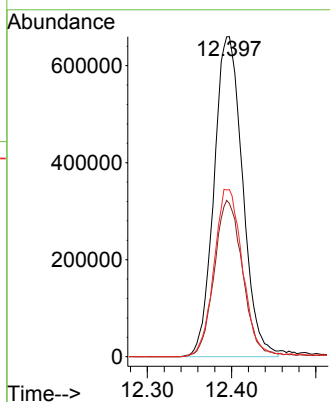
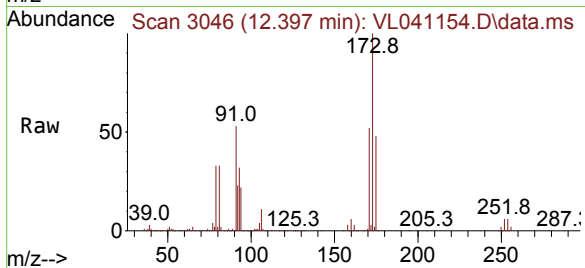
Tgt Ion:173 Resp: 1552318

Ion Ratio Lower Upper

173 100

175 49.0 39.4 59.0

171 53.6 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 11.340 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.003 min

Lab File: VL041154.D

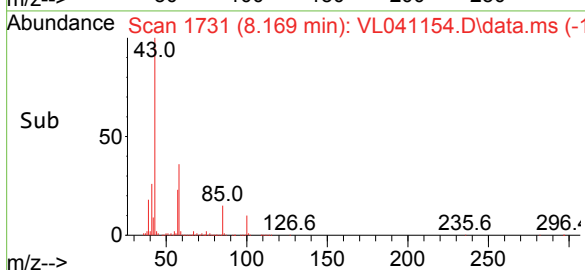
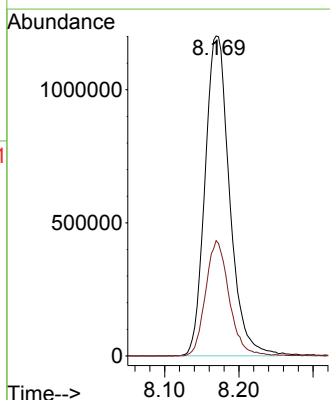
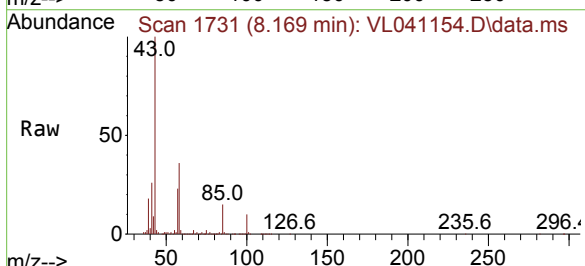
Acq: 23 Apr 2024 10:42

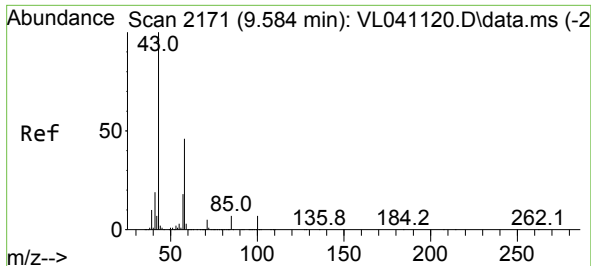
Tgt Ion: 43 Resp: 2758532

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5

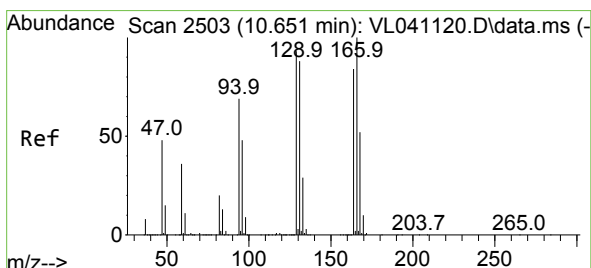
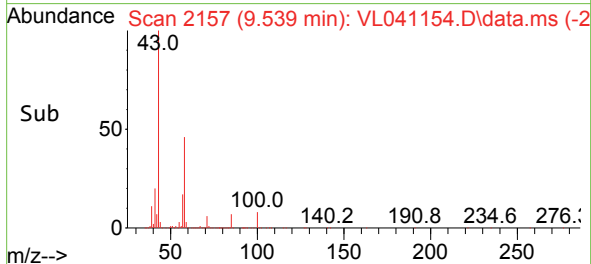
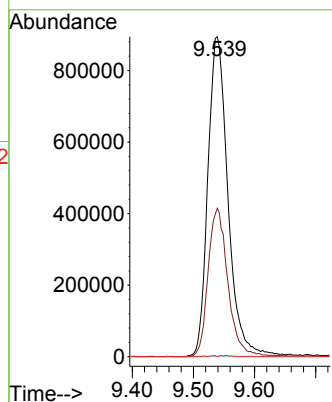
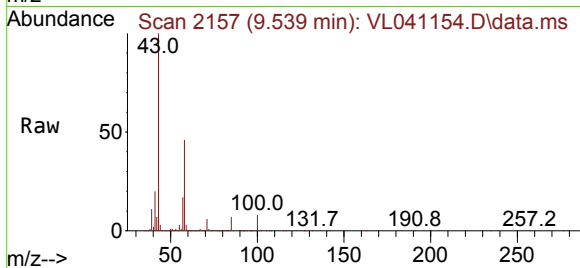




#51
2-Hexanone
Concen: 12.097 ppbv
RT: 9.539 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

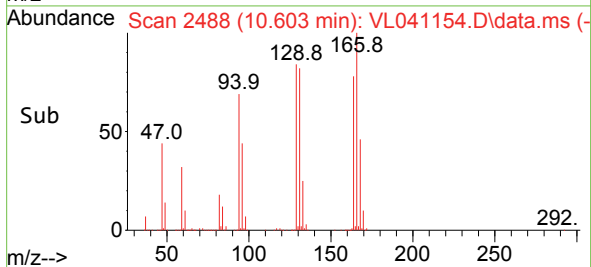
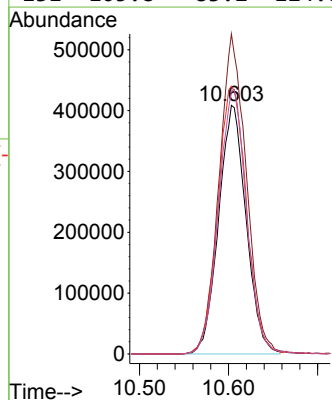
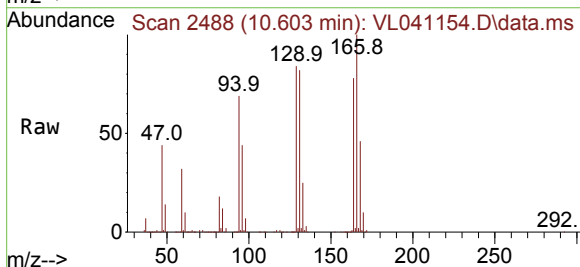
Instrument :
MSVOA_L
ClientSampleId :

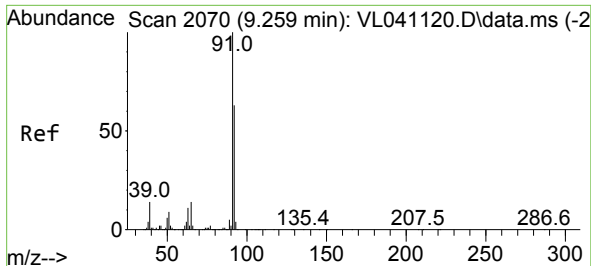
Tgt Ion: 43 Resp: 2040410
Ion Ratio Lower Upper
43 100
58 45.9 37.3 55.9
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 11.436 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion:164 Resp: 875296
Ion Ratio Lower Upper
164 100
166 128.7 95.0 142.6
129 107.7 88.7 133.1
131 105.8 83.2 124.8

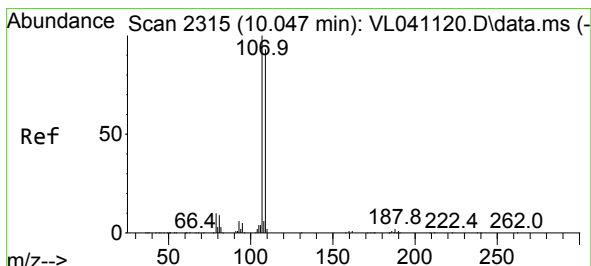
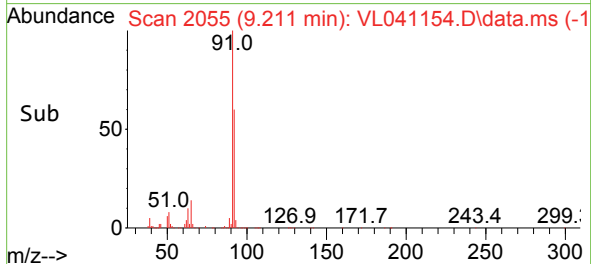
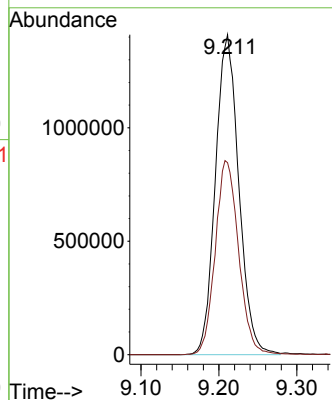
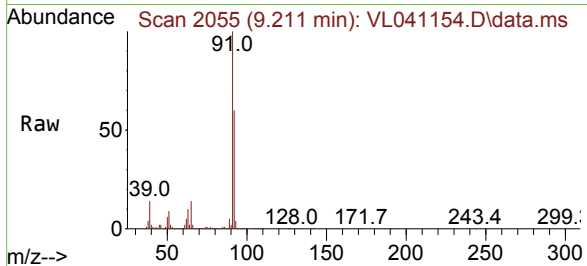




#53
Toluene
Concen: 11.660 ppbv
RT: 9.211 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

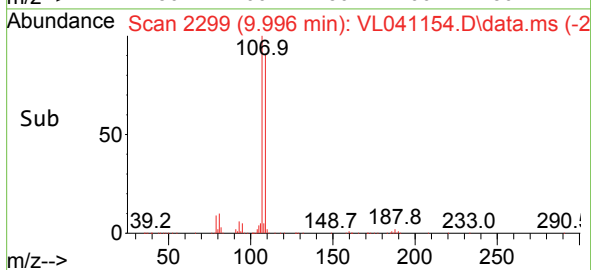
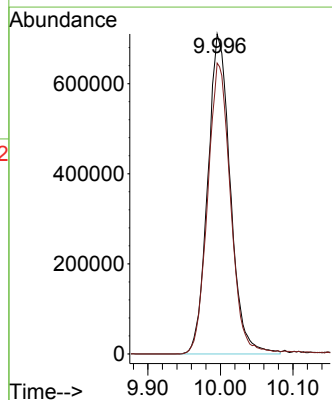
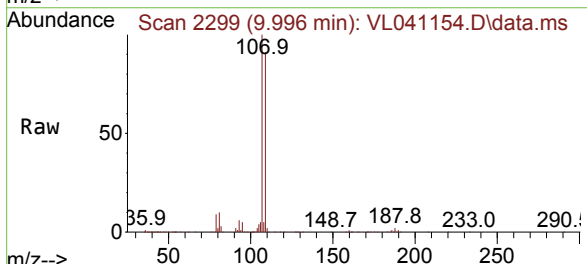
Instrument :
MSVOA_L
ClientSampleId :

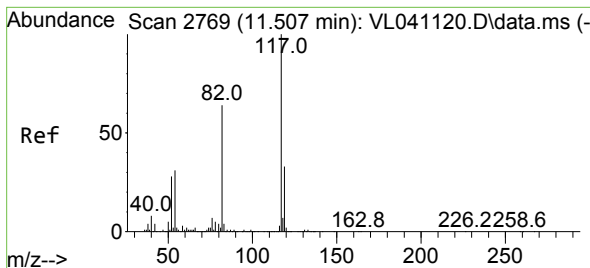
Tgt Ion: 91 Resp: 2945137
Ion Ratio Lower Upper
91 100
92 60.8 49.0 73.4



#54
1,2-Dibromoethane
Concen: 12.069 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 107 Resp: 1538706
Ion Ratio Lower Upper
107 100
109 90.9 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

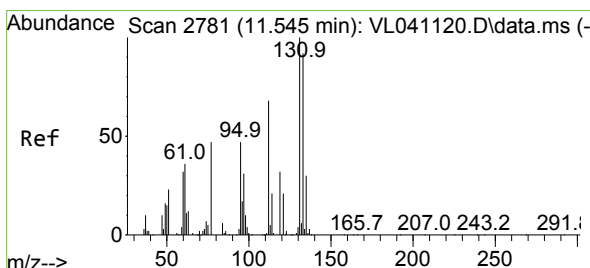
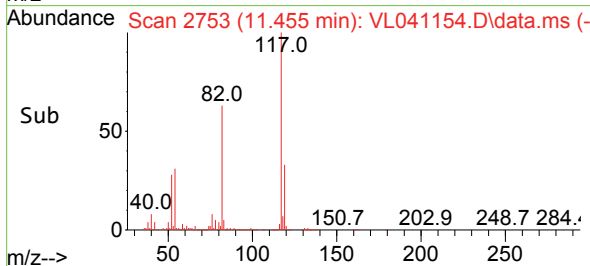
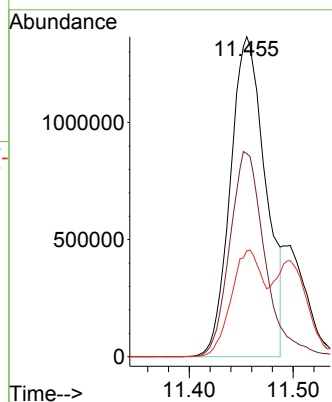
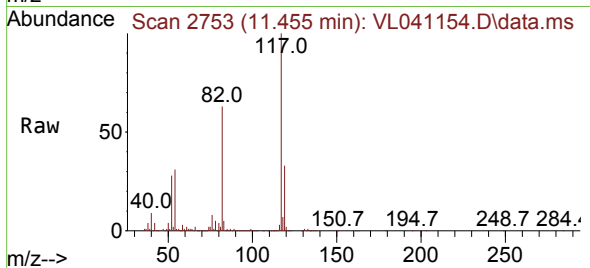
Tgt Ion:117 Resp: 3201280

Ion Ratio Lower Upper

117 100

82 64.7 51.0 76.6

119 29.8 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 10.545 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

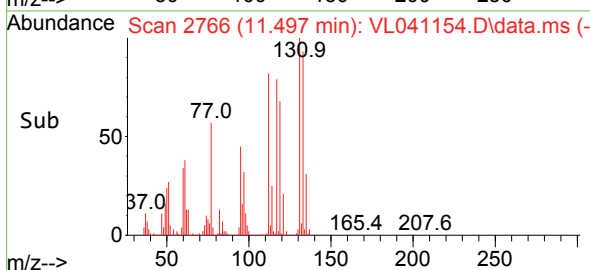
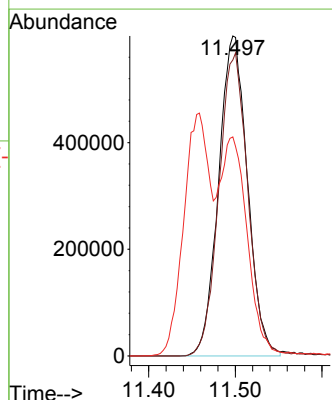
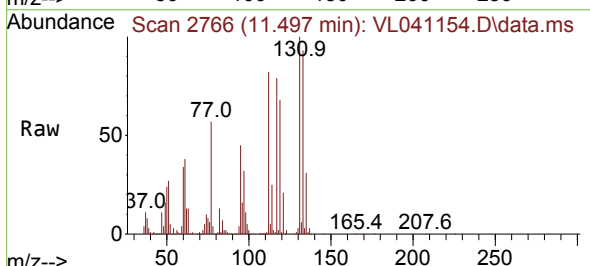
Tgt Ion:131 Resp: 1387372

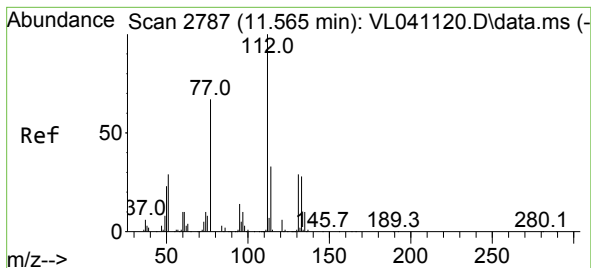
Ion Ratio Lower Upper

131 100

133 95.9 76.6 115.0

119 63.1 49.9 74.9





#57

Chlorobenzene

Concen: 10.512 ppbv

RT: 11.516 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

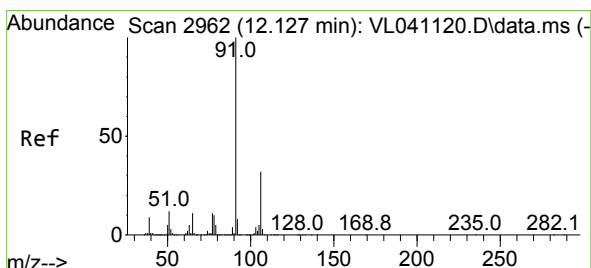
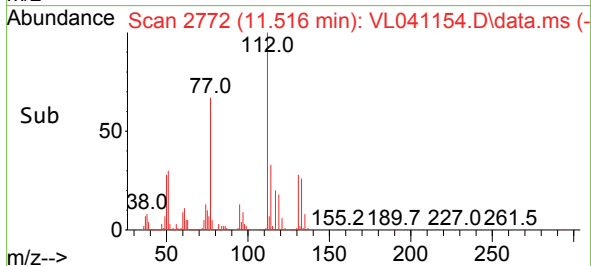
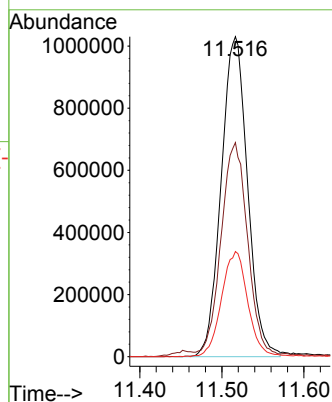
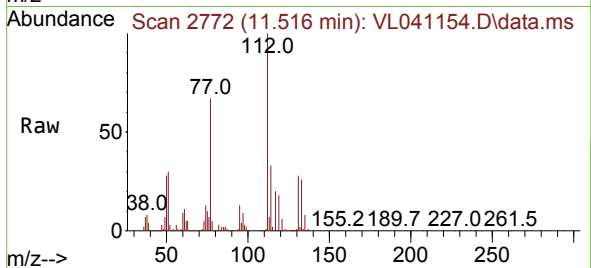
Tgt Ion:112 Resp: 2303619

Ion Ratio Lower Upper

112 100

77 66.1 54.0 81.0

114 32.8 29.3 35.9



#58

Ethyl Benzene

Concen: 11.375 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. -0.000 min

Lab File: VL041154.D

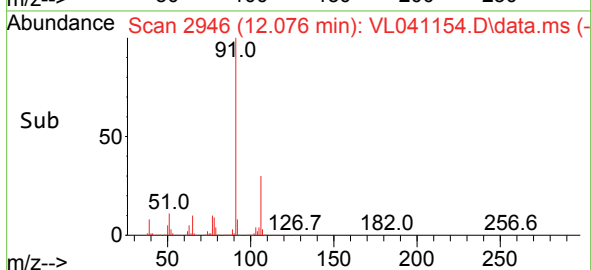
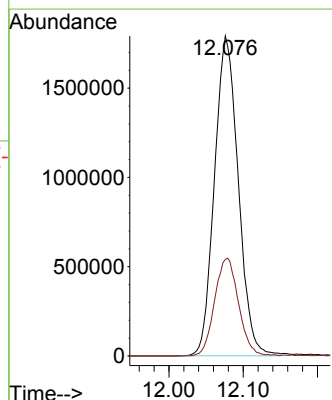
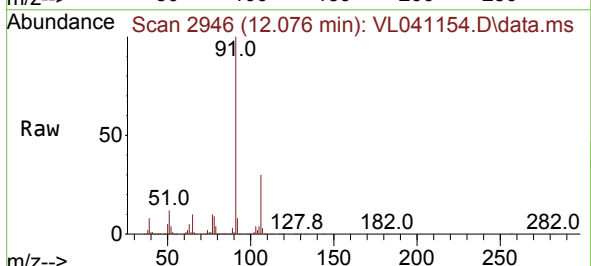
Acq: 23 Apr 2024 10:42

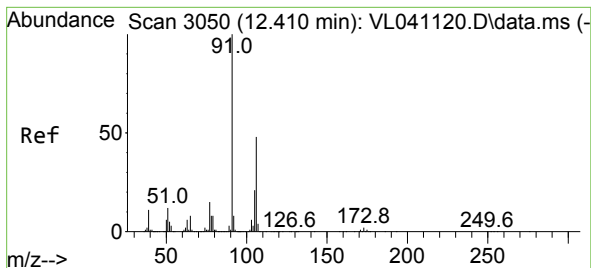
Tgt Ion: 91 Resp: 3986702

Ion Ratio Lower Upper

91 100

106 30.2 25.6 38.4

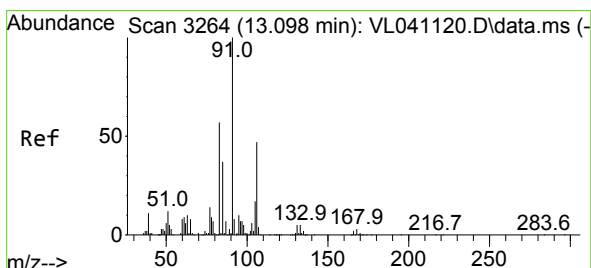
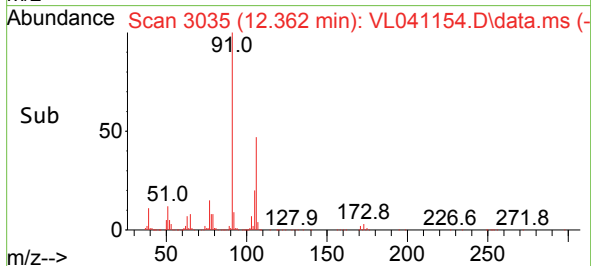
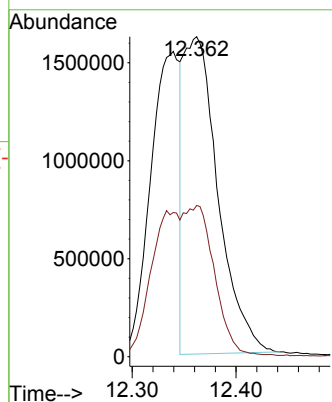
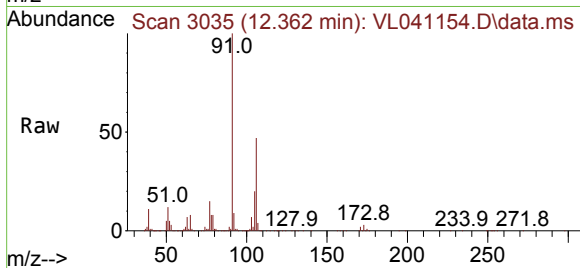




#59
m/p-Xylene
Concen: 11.777 ppbv
RT: 12.362 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

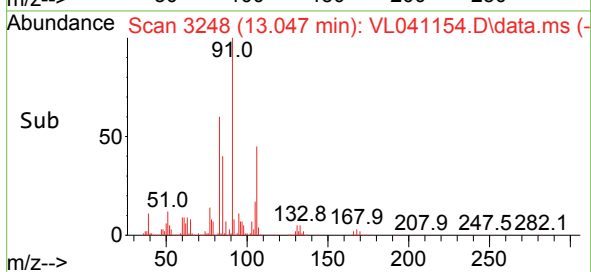
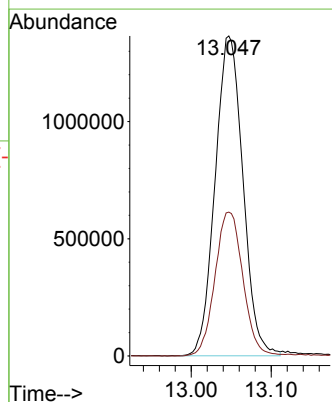
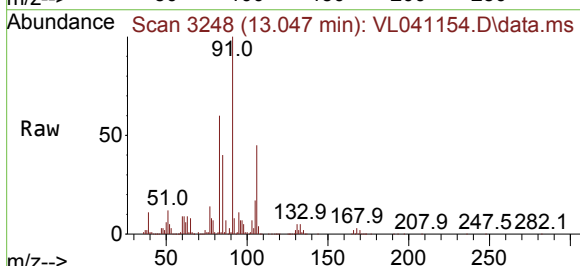
Instrument :
MSVOA_L
ClientSampleId :

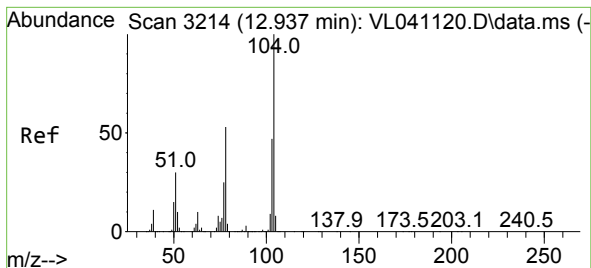
Tgt Ion: 91 Resp: 3727708
Ion Ratio Lower Upper
91 100
106 82.0 35.4 53.2#



#60
o-Xylene
Concen: 10.975 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 91 Resp: 3291419
Ion Ratio Lower Upper
91 100
106 45.6 22.9 68.5





#61

Styrene

Concen: 12.567 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

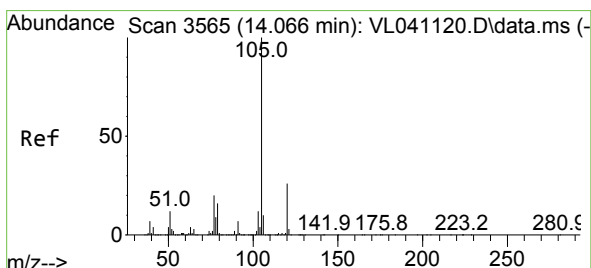
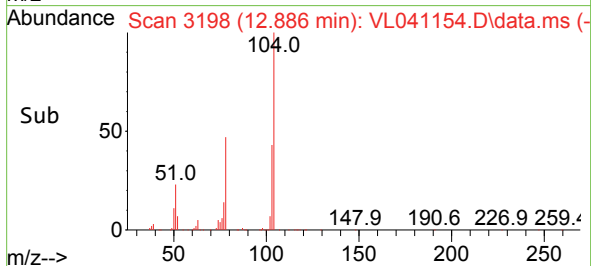
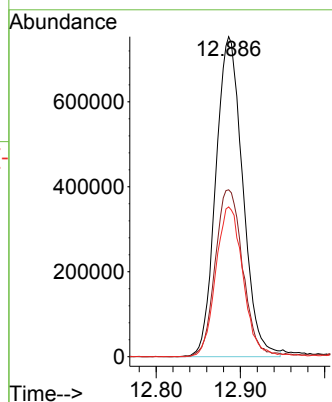
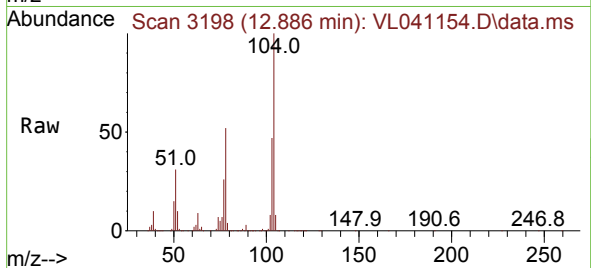
Tgt Ion:104 Resp: 1670094

Ion Ratio Lower Upper

104 100

78 54.2 43.3 64.9

103 48.0 38.2 57.2



#62

Isopropylbenzene

Concen: 10.748 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. -0.000 min

Lab File: VL041154.D

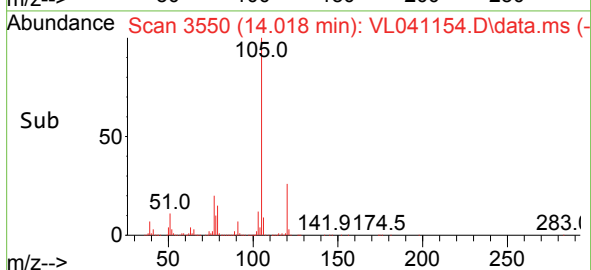
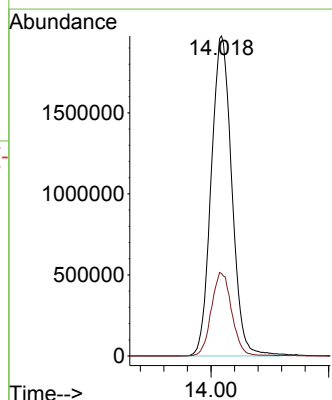
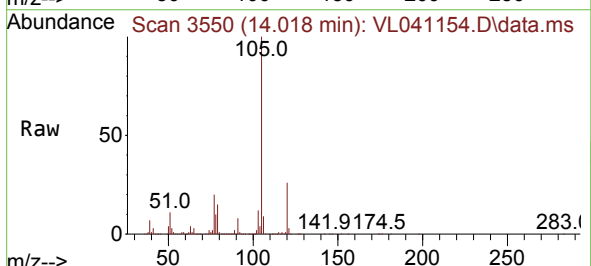
Acq: 23 Apr 2024 10:42

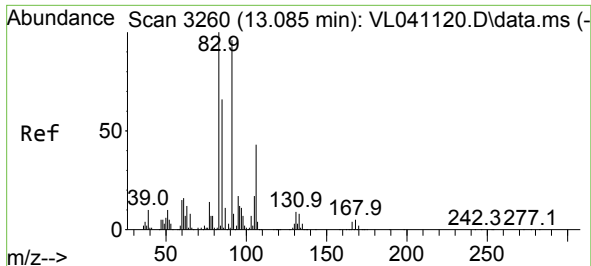
Tgt Ion:105 Resp: 4798544

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.4

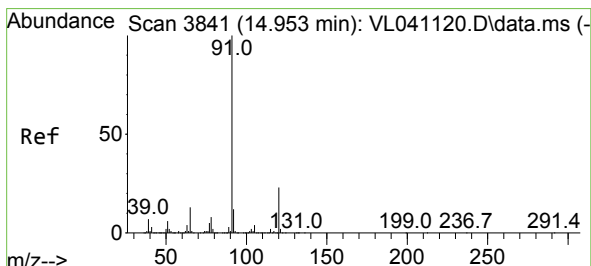
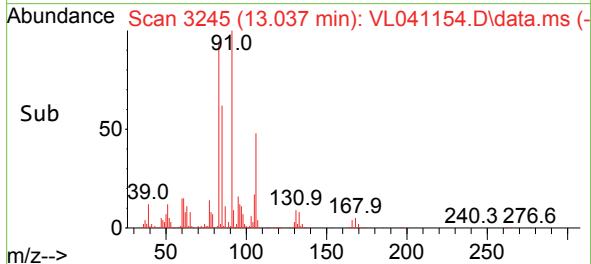
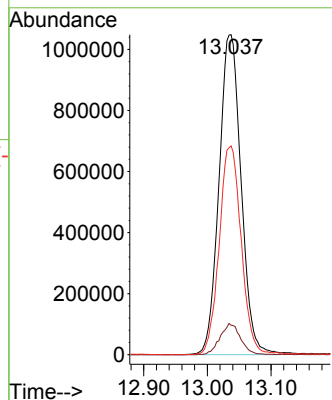
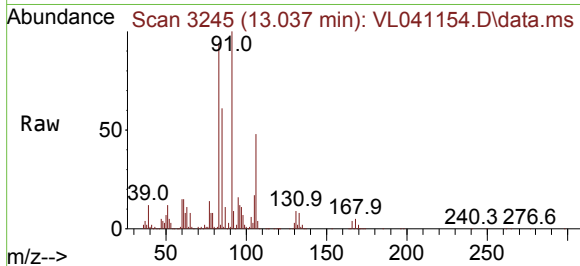




#63
1,1,2,2-Tetrachloroethane
Concen: 10.710 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

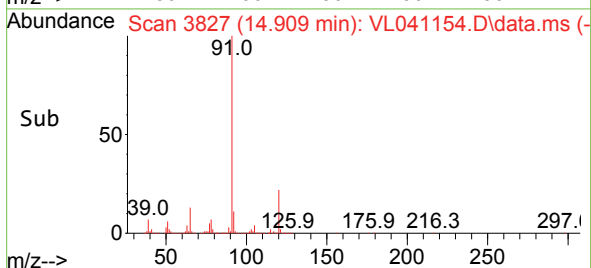
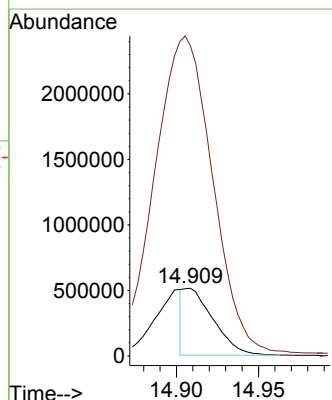
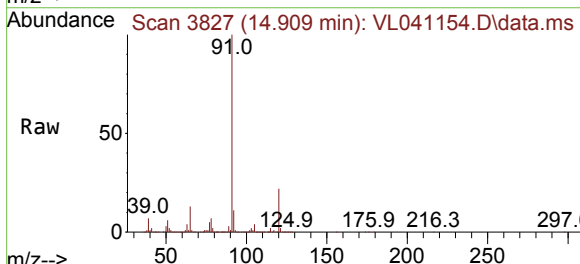
Instrument :
MSVOA_L
ClientSampleId :

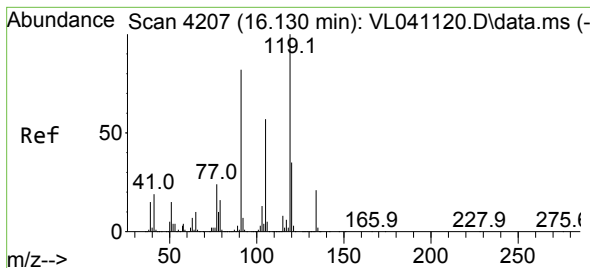
Tgt Ion: 83 Resp: 2523747
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 65.2 33.1 99.2



#64
n-propylbenzene
Concen: 5.715 ppbv
RT: 14.909 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion:120 Resp: 640419
Ion Ratio Lower Upper
120 100
91 953.5 395.0 592.6#





#65

tert-Butylbenzene

Concen: 11.042 ppbv

RT: 16.079 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

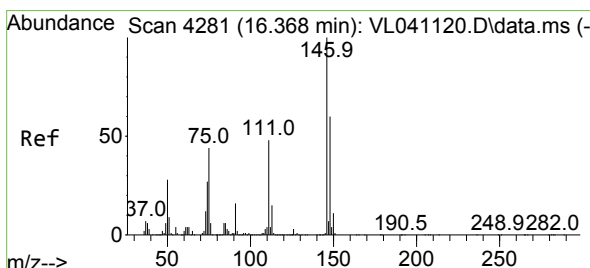
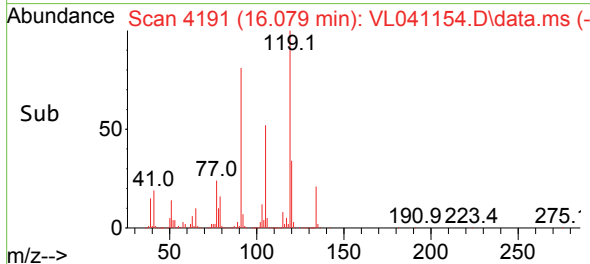
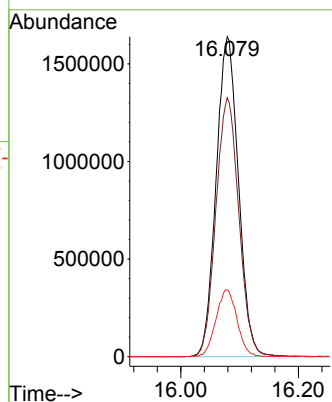
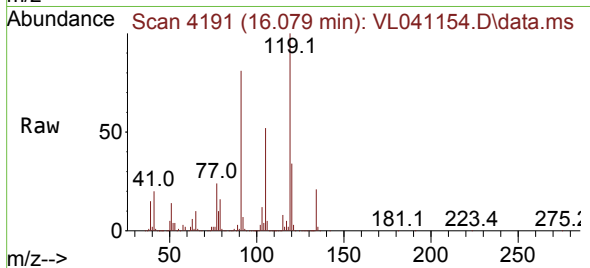
Tgt Ion:119 Resp: 4304084

Ion Ratio Lower Upper

119 100

91 83.6 67.8 101.8

134 19.9 16.0 24.0



#66

Benzyl Chloride

Concen: 11.745 ppbv

RT: 16.314 min Scan# 4264

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

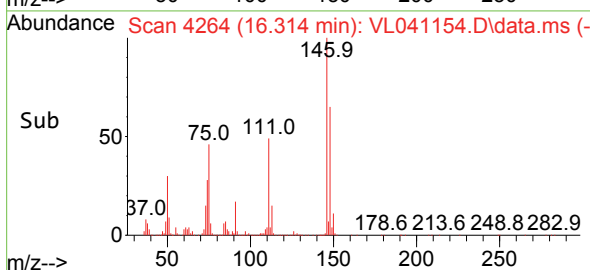
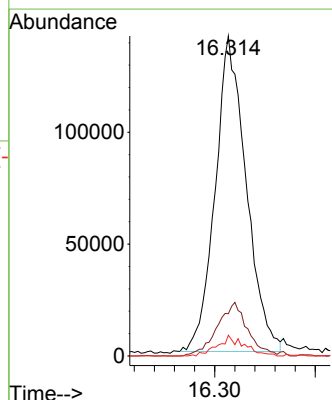
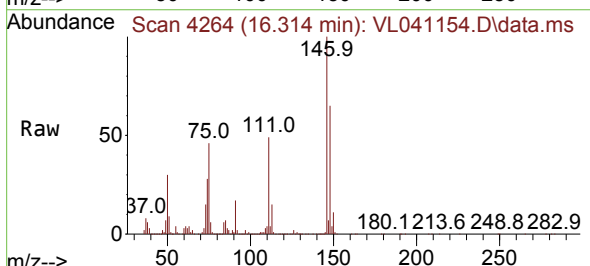
Tgt Ion: 91 Resp: 301211

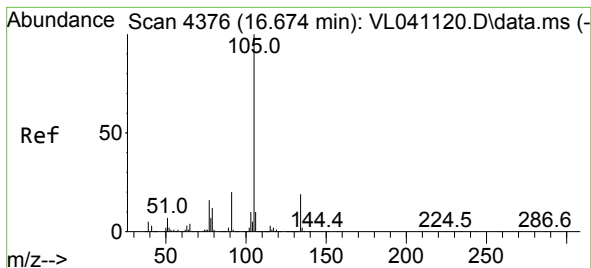
Ion Ratio Lower Upper

91 100

126 17.0 13.4 20.2

128 5.6 4.3 6.5





#67

sec-Butylbenzene

Concen: 10.785 ppbv

RT: 16.625 min Scan# 4361

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

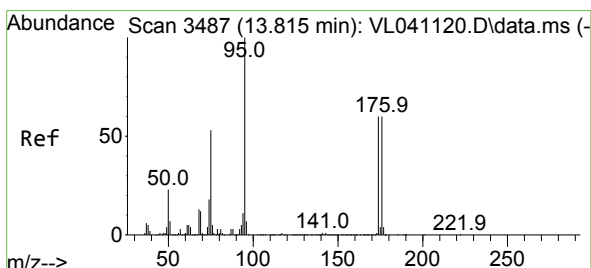
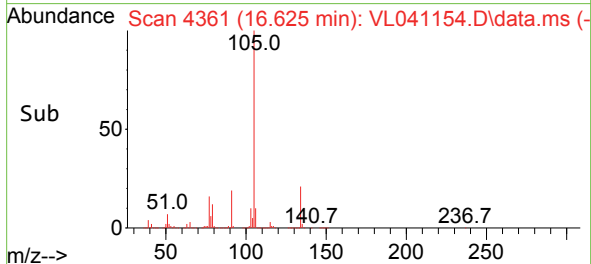
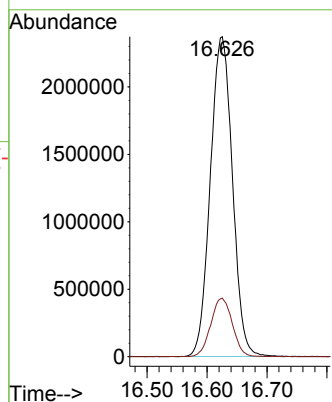
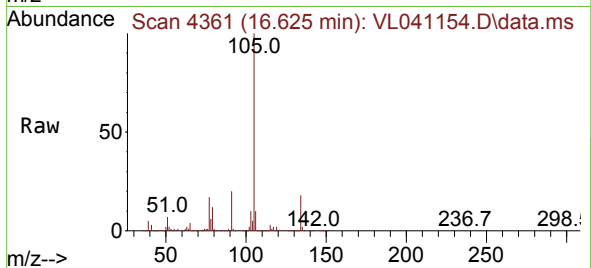
ClientSampleId :

Tgt Ion:105 Resp: 6073554

Ion Ratio Lower Upper

105 100

134 18.0 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.112 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

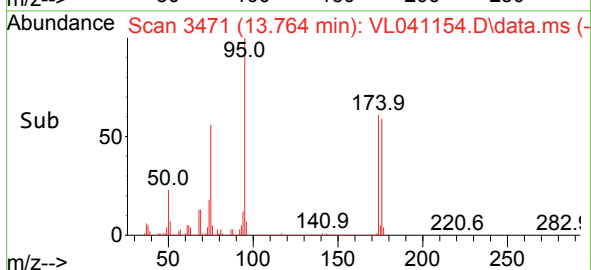
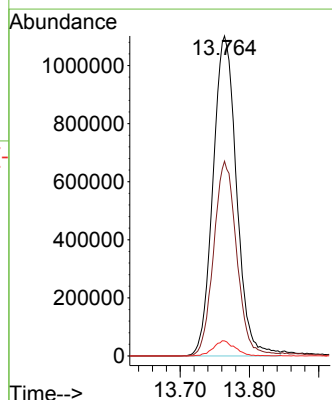
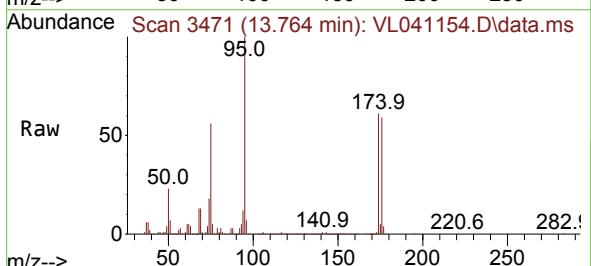
Tgt Ion: 95 Resp: 2603167

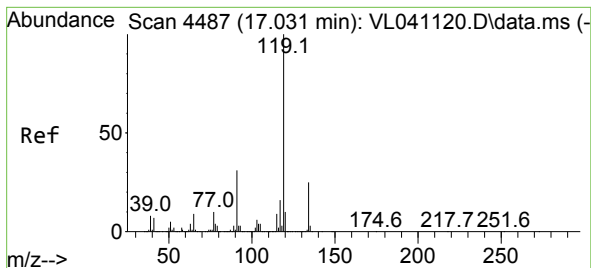
Ion Ratio Lower Upper

95 100

174 60.7 49.3 73.9

175 4.5 3.6 5.4





#69

p-Isopropyltoluene

Concen: 11.228 ppbv

RT: 16.982 min Scan# 4487

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

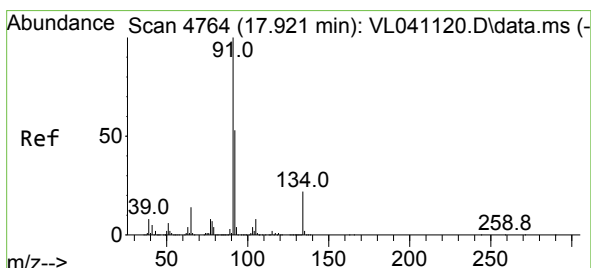
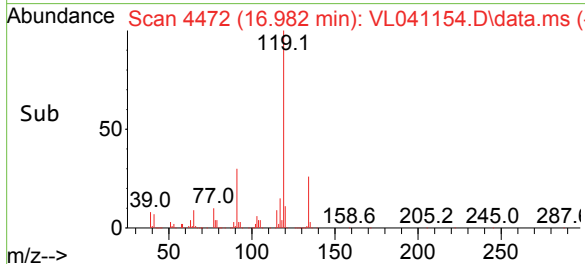
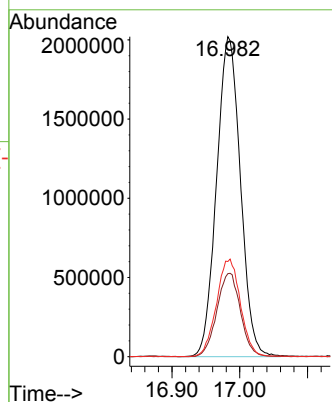
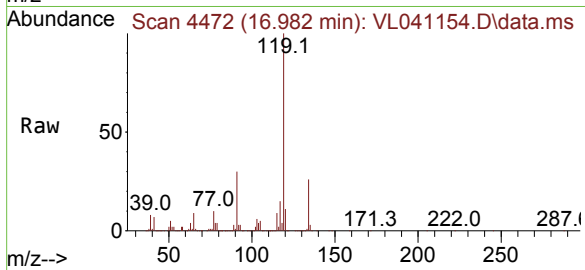
Tgt Ion:119 Resp: 4931183

Ion Ratio Lower Upper

119 100

134 25.8 20.5 30.7

91 30.6 24.8 37.2



#70

n-Butylbenzene

Concen: 11.261 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

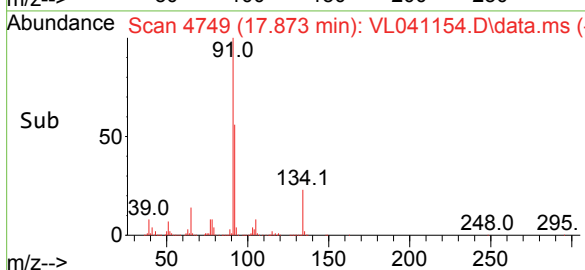
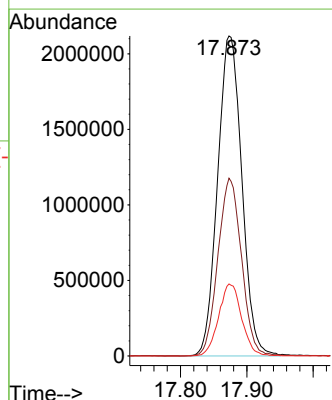
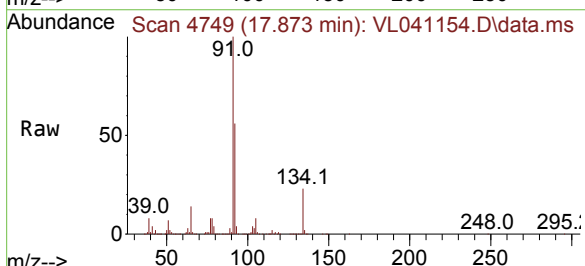
Tgt Ion: 91 Resp: 5372402

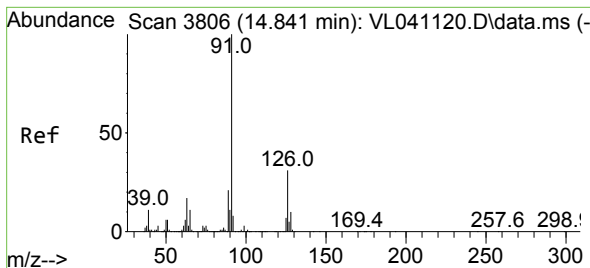
Ion Ratio Lower Upper

91 100

92 54.2 43.4 65.0

134 21.5 17.1 25.7

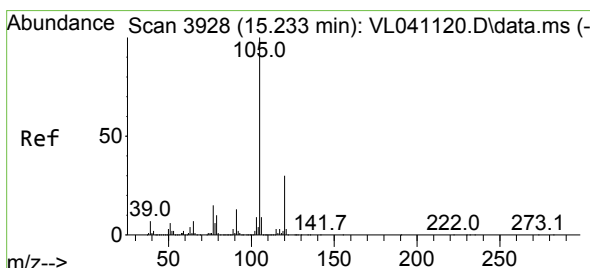
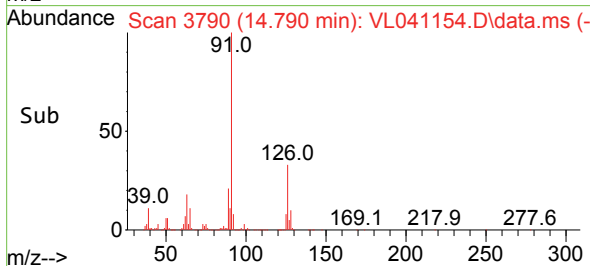
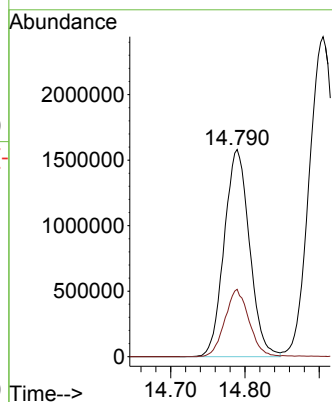
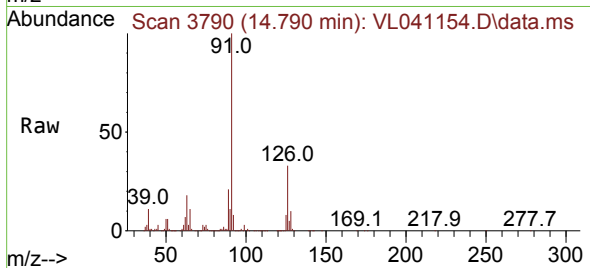




#71
2-Chlorotoluene
Concen: 10.941 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

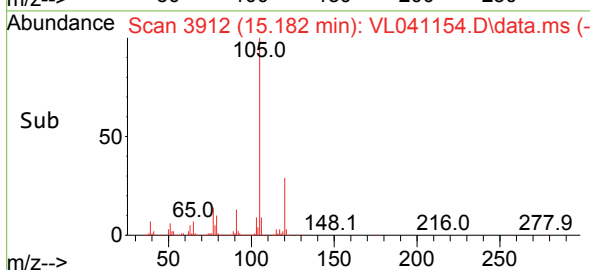
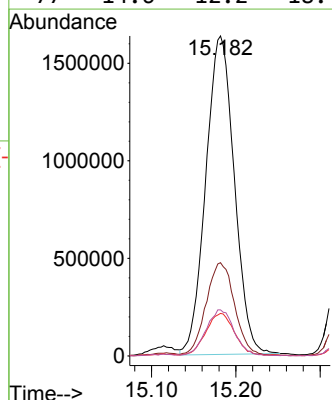
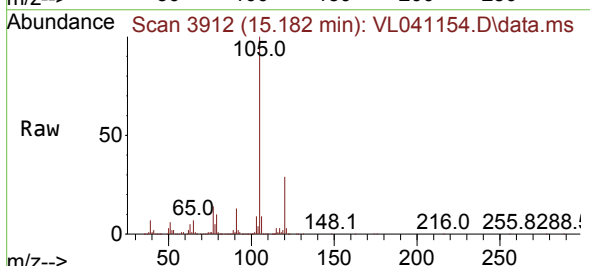
Instrument :
MSVOA_L
ClientSampleId :

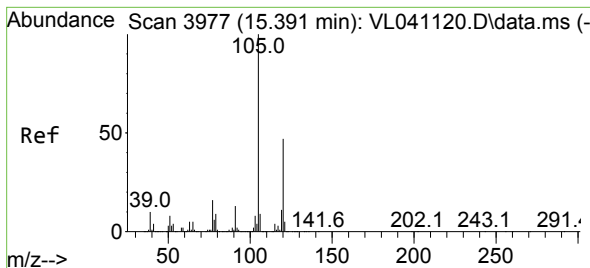
Tgt Ion: 91 Resp: 3746938
Ion Ratio Lower Upper
91 100
126 31.6 12.5 50.1



#72
4-Ethyltoluene
Concen: 11.452 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion:105 Resp: 3836079
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 13.5 11.2 16.8
77 14.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.181 ppbv

RT: 15.339 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

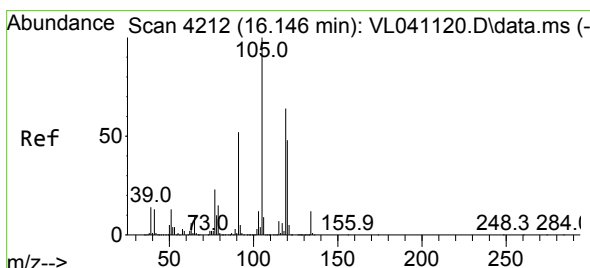
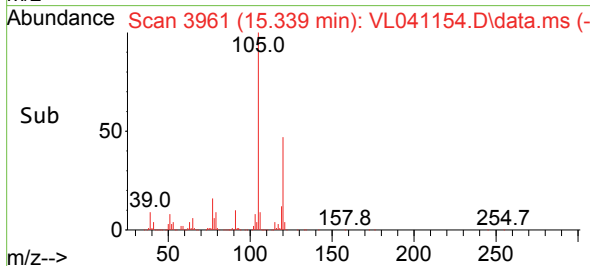
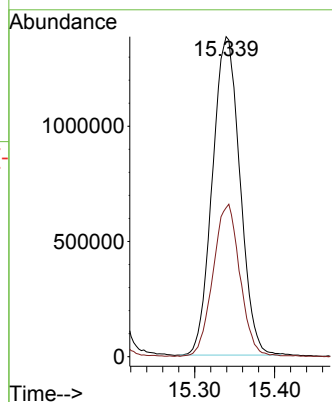
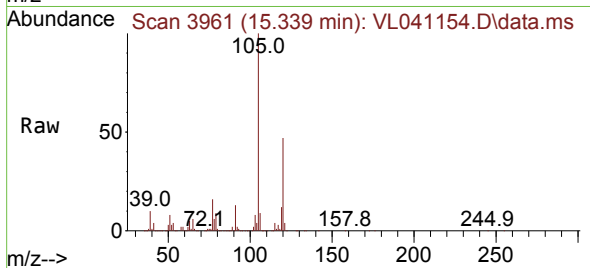
ClientSampleId :

Tgt Ion:105 Resp: 3303197

Ion Ratio Lower Upper

105 100

120 46.6 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 10.927 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Tgt Ion:105 Resp: 3694458

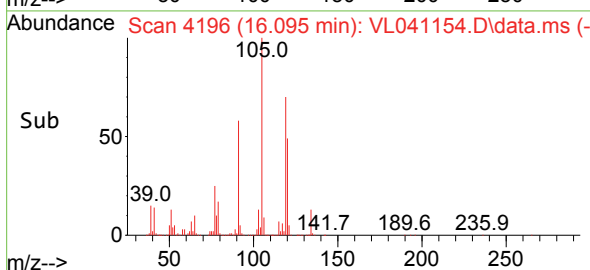
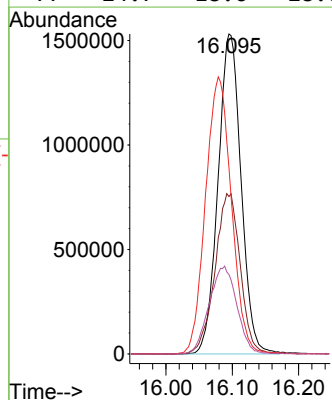
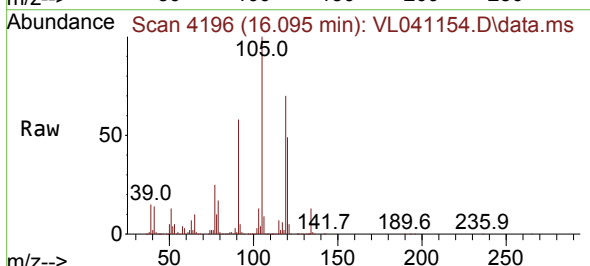
Ion Ratio Lower Upper

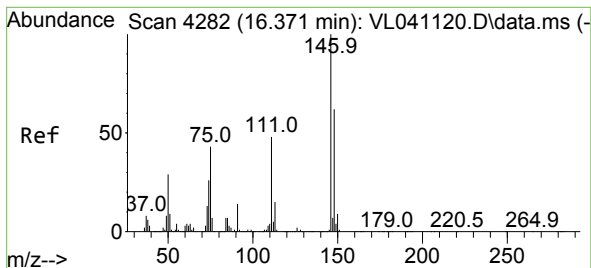
105 100

120 49.1 38.9 58.3

91 57.8 43.0 64.6

77 24.7 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 10.891 ppbv

RT: 16.320 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

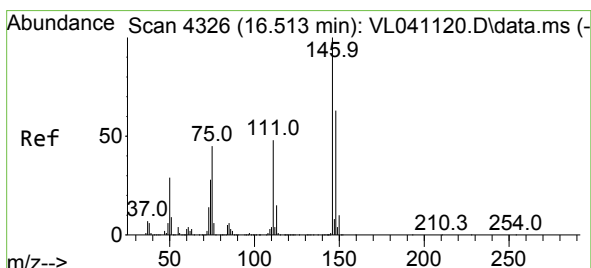
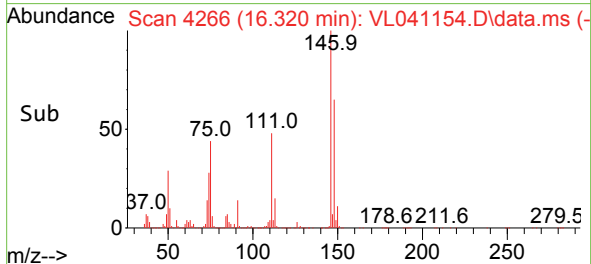
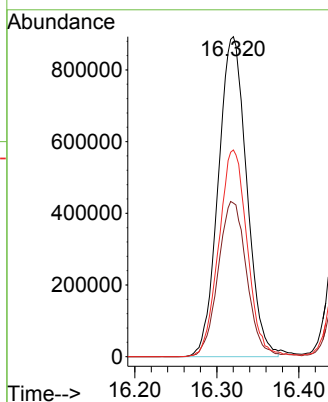
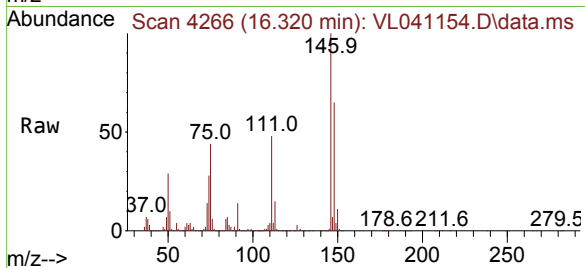
Tgt Ion:146 Resp: 2150017

Ion Ratio Lower Upper

146 100

111 49.0 24.1 72.4

148 64.9 32.0 96.2



#76

1,4-Dichlorobenzene

Concen: 10.971 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

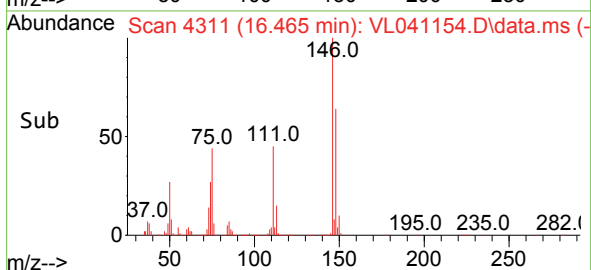
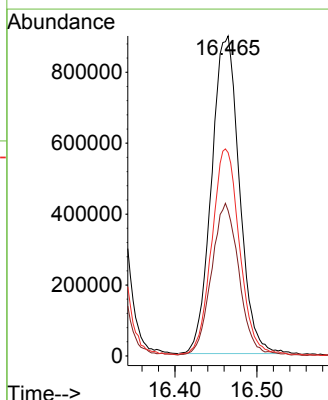
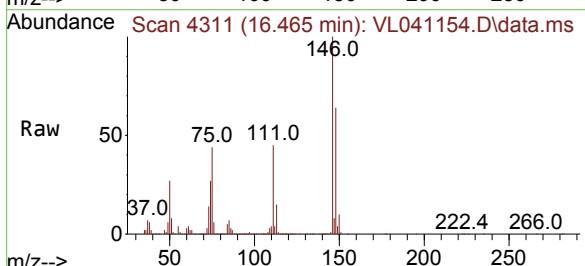
Tgt Ion:146 Resp: 2106598

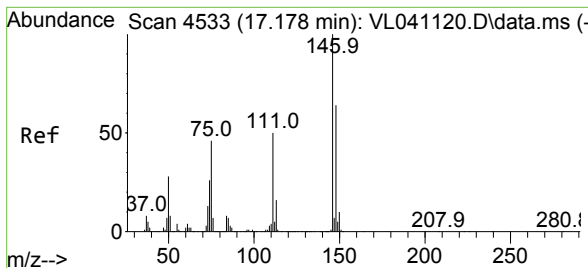
Ion Ratio Lower Upper

146 100

111 47.6 24.1 72.3

148 66.0 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 11.017 ppbv

RT: 17.130 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

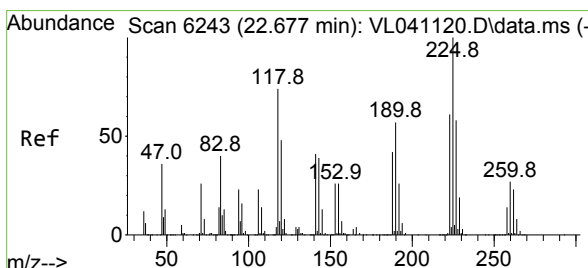
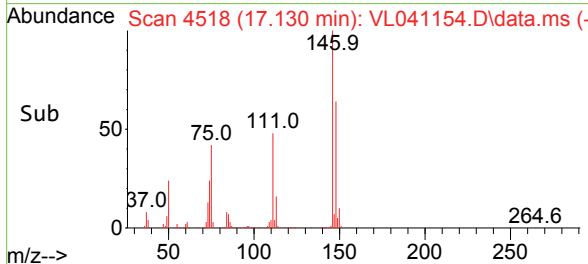
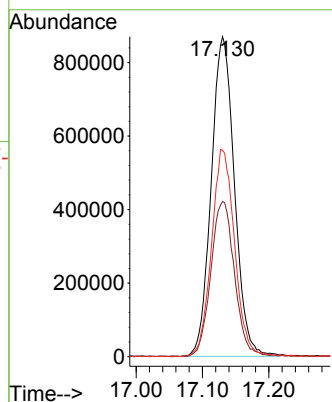
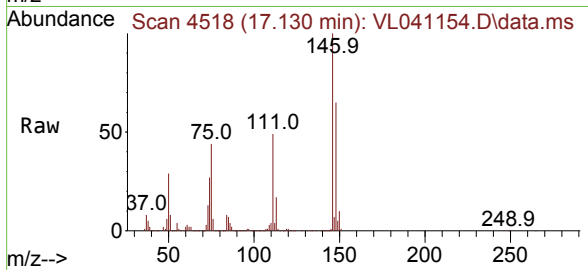
Tgt Ion:146 Resp: 2111929

Ion Ratio Lower Upper

146 100

111 49.8 25.1 75.3

148 65.0 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 10.237 ppbv

RT: 22.622 min Scan# 6226

Delta R.T. 0.006 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

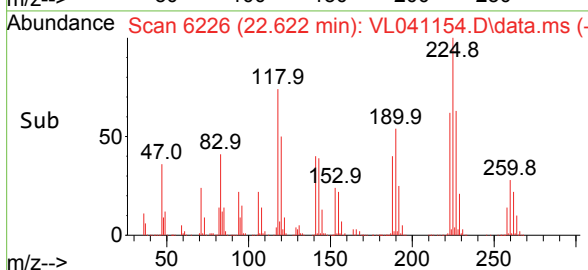
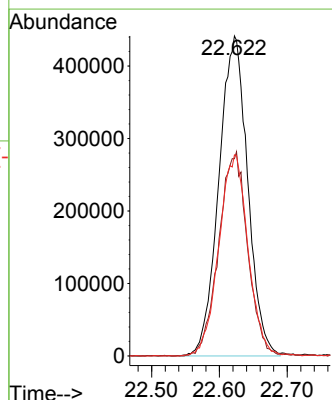
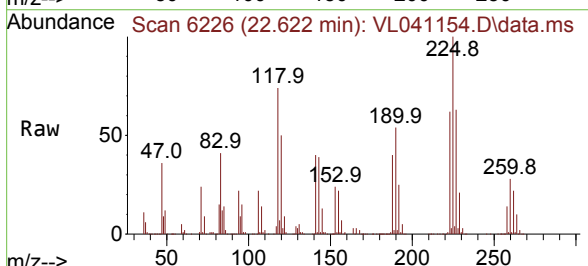
Tgt Ion:225 Resp: 1304678

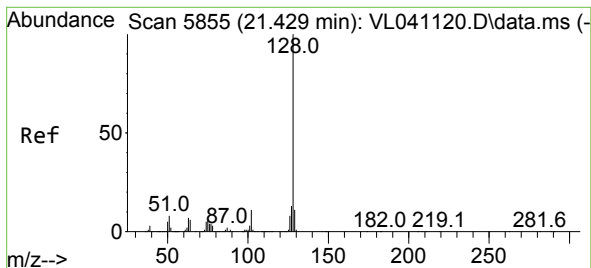
Ion Ratio Lower Upper

225 100

223 64.1 50.9 76.3

227 64.0 51.3 76.9





#79

Naphthalene

Concen: 14.575 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

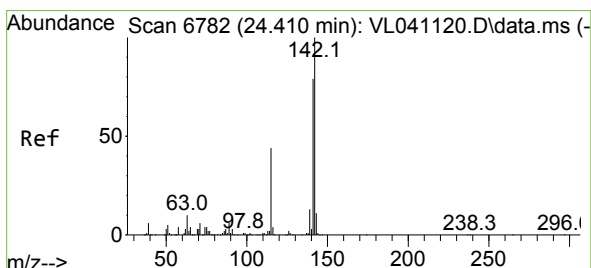
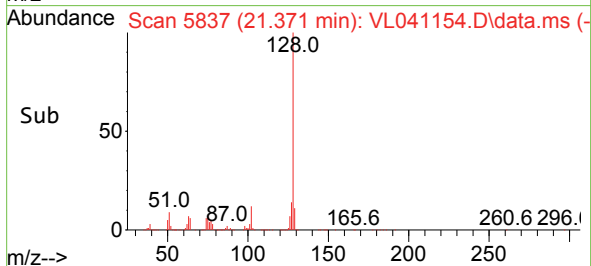
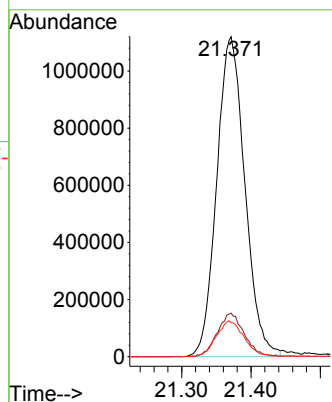
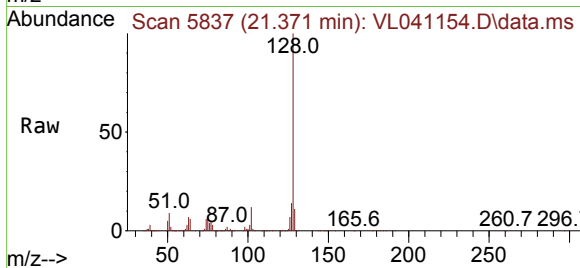
Tgt Ion:128 Resp: 3161513

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.6 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 15.351 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

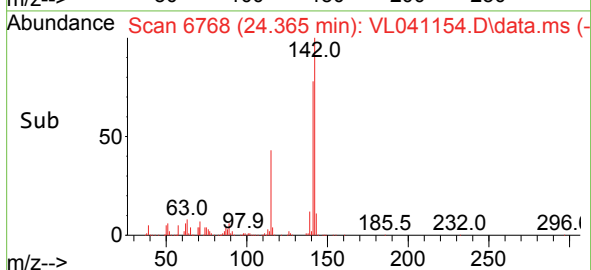
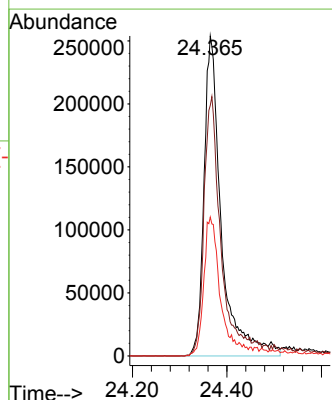
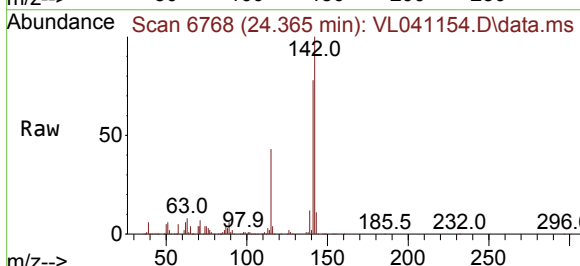
Tgt Ion:142 Resp: 648617

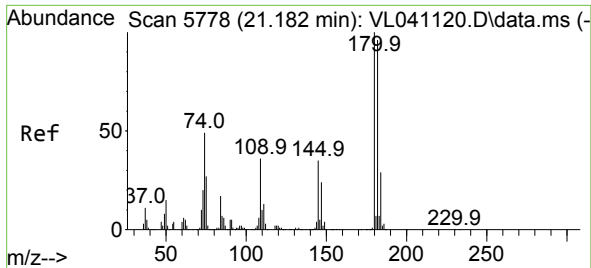
Ion Ratio Lower Upper

142 100

141 85.9 64.4 96.6

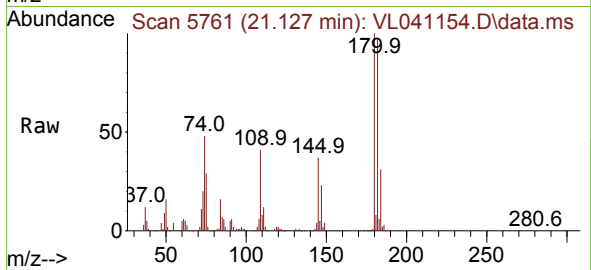
115 41.9 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 12.506 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1520733

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.4	116.2
184	31.2	24.9	37.3

