

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041340.D
 Acq On : 11 Jun 2024 10:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 12 01:20:00 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1118933	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.667	114	2981796	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	3105064	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2240653	9.346	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	1572799	8.802	ppbv	99
3) Chlorodifluoromethane	2.706	51	1726452	9.764	ppbv	100
4) Chloromethane	2.844	50	690715	10.378	ppbv	98
5) Vinyl Chloride	2.951	62	696740	10.392	ppbv	96
6) Bromomethane	3.147	94	242975	10.192	ppbv	93
7) Chloroethane	3.224	64	238493	10.332	ppbv	98
8) Dichlorotetrafluoroethane	2.886	85	1658493	10.093	ppbv	96
9) Propene	2.725	41	600704	9.538	ppbv	98
10) Heptane	7.590	43	1511100	10.122	ppbv	99
11) Trichlorofluoromethane	3.587	101	1661244	10.114	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.089	101	1210255	10.431	ppbv	95
13) Ethanol	3.269	45	129071	7.877	ppbv	95
14) Bromoethene	3.391	108	489166	10.417	ppbv	97
15) Acetone	3.494	43	1292591	10.118	ppbv	100
16) 1,3-Butadiene	3.015	39	703568	10.955	ppbv	99
17) tert-Butyl alcohol	3.899	59	1260388	10.716	ppbv	100
18) 1,1-Dichloroethene	3.902	96	545621	11.024	ppbv	91
19) Isopropyl Alcohol	3.597	45	846784	10.550	ppbv #	99
20) Methylene Chloride	3.954	84	456332	9.827	ppbv	94
21) Allyl Chloride	4.018	41	866003	10.700	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	558886	10.836	ppbv	94
23) Vinyl Acetate	4.645	43	1370497	10.489	ppbv #	99
24) 1,1-Dichloroethane	4.584	63	1201856	10.456	ppbv	100
25) Ethyl Acetate	5.221	43	2507819	9.923	ppbv	99
26) Hexane	5.230	57	1083346	9.532	ppbv	100
27) Carbon Disulfide	4.147	76	1477695	11.738	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	855656	10.158	ppbv	99
29) Chloroform	5.291	83	1725979	9.898	ppbv	96
30) Cyclohexane	6.616	84	940237	10.206	ppbv	96
31) cis-1,2-Dichloroethene	5.095	61	1117934	10.409	ppbv	99
32) 1,1,1-Trichloroethane	6.018	97	1705253	10.324	ppbv	99
34) 2-Butanone	4.803	43	1379579	9.658	ppbv	97
35) Carbon Tetrachloride	6.510	117	1822633	10.755	ppbv	97
36) Benzene	6.385	78	2313743	10.011	ppbv	100
37) 1,2-Dichloroethane	5.822	62	1342888	9.966	ppbv	100
38) Trichloroethene	7.304	130	931027	9.940	ppbv	96
39) 1,2-Dichloropropane	7.089	63	904323	9.826	ppbv	98
40) 1,4-Dioxane	7.301	88	310362	9.208	ppbv	84
41) Tetrahydrofuran	5.574	42	962009	10.350	ppbv	100
42) Bromodichloromethane	7.262	83	1985233	10.258	ppbv #	96
43) Methyl Methacrylate	7.484	69	924902	10.503	ppbv	99
44) 2,2,4-Trimethylpentane	7.339	57	3921869	9.867	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	713360	12.005	ppbv	98

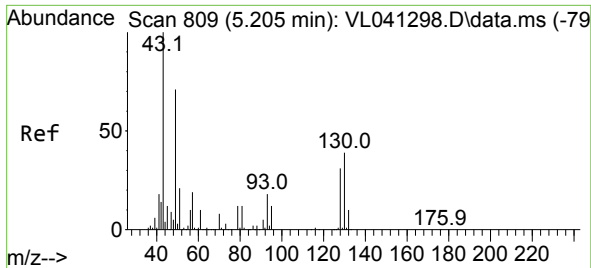
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041340.D
 Acq On : 11 Jun 2024 10:20
 Operator : SY/MD
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Quant Time: Jun 12 01:20:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

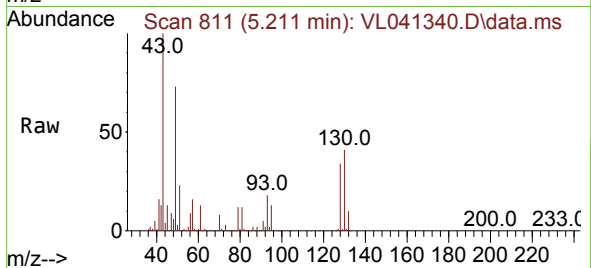
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	865200	11.311	ppbv	97
47) 1,1,2-Trichloroethane	8.912	97	981239	10.203	ppbv	97
48) Dibromochloromethane	9.719	129	1725418	10.886	ppbv	99
49) Bromoform	12.413	173	1480920	11.595	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	2474935	10.467	ppbv	100
51) 2-Hexanone	9.558	43	1772418	10.546	ppbv	100
52) Tetrachloroethene	10.626	164	879533	10.435	ppbv	98
53) Toluene	9.230	91	2758859	10.378	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1354812	10.806	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.516	131	1253706	9.546	ppbv	97
57) Chlorobenzene	11.535	112	2126820	9.221	ppbv	99
58) Ethyl Benzene	12.095	91	3714518	9.333	ppbv	100
59) m/p-Xylene	12.378	91	3009068	8.824	ppbv #	24
60) o-Xylene	13.066	91	2982411	9.174	ppbv	99
61) Styrene	12.905	104	1622612	10.181	ppbv	98
62) Isopropylbenzene	14.037	105	4500481	9.154	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	2123122	9.179	ppbv	99
64) n-propylbenzene	14.921	120	1194980	9.430	ppbv	98
65) tert-Butylbenzene	16.095	119	4000584	9.153	ppbv	98
66) Benzyl Chloride	16.333	91	304950	10.604	ppbv	97
67) sec-Butylbenzene	16.641	105	5593402	9.058	ppbv	99
69) p-Isopropyltoluene	17.001	119	4706161	9.248	ppbv	99
70) n-Butylbenzene	17.892	91	4853464	9.193	ppbv	99
71) 2-Chlorotoluene	14.805	91	3400409	9.037	ppbv	98
72) 4-Ethyltoluene	15.198	105	3592303	9.485	ppbv	99
73) 1,3,5-Trimethylbenzene	15.358	105	3141325	9.556	ppbv	100
74) 1,2,4-Trimethylbenzene	16.111	105	3450935	9.283	ppbv #	86
75) 1,3-Dichlorobenzene	16.336	146	2118570	9.708	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	2083409	9.554	ppbv	98
77) 1,2-Dichlorobenzene	17.149	146	2052625	9.396	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1514210	8.458	ppbv	99
79) Naphthalene	21.387	128	3654870	11.330	ppbv	99
80) Naphthalene,2-methyl-	24.377	142	1055350	9.688	ppbv	98
81) 1,2,4-Trichlorobenzene	21.146	180	1800394	10.009	ppbv #	99

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

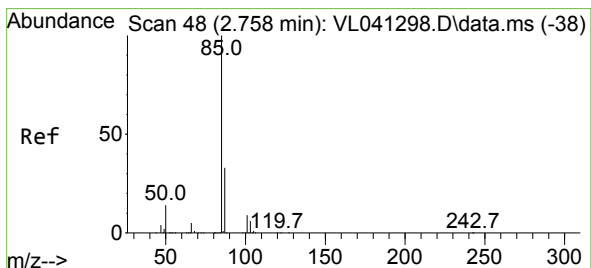
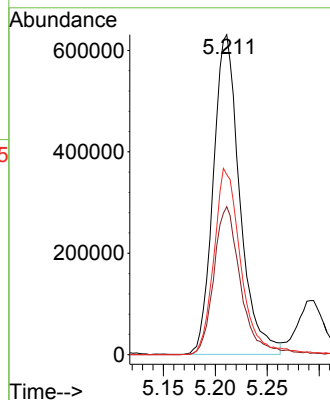
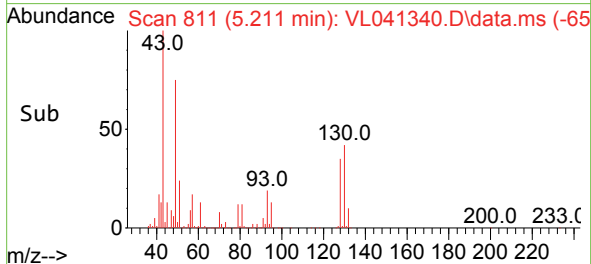


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Instrument :
MSVOA_L
ClientSampleId :

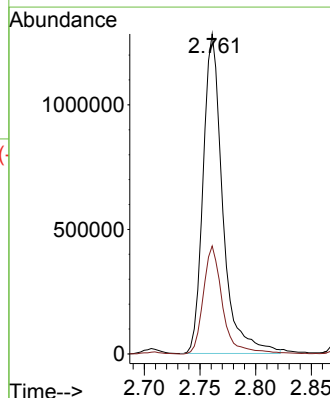
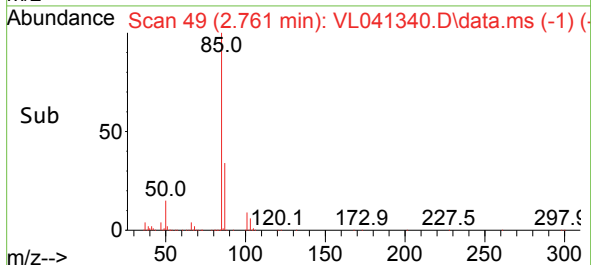
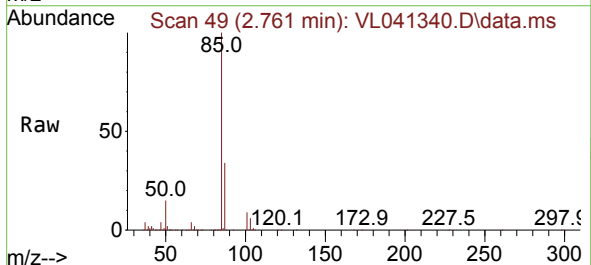


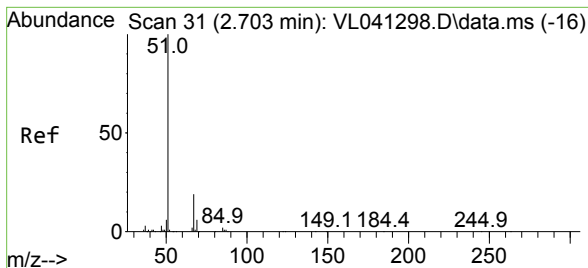
Tgt Ion: 49 Resp: 1118933
Ion Ratio Lower Upper
49 100
128 47.5 22.8 68.3
130 60.1 28.4 85.3



#2
Dichlorodifluoromethane
Concen: 8.802 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 85 Resp: 1572799
Ion Ratio Lower Upper
85 100
87 33.8 26.5 39.7

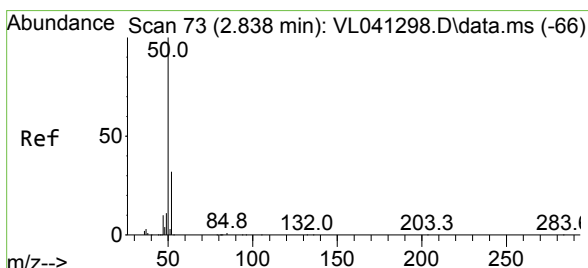
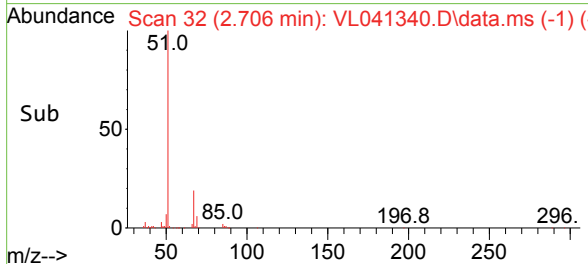
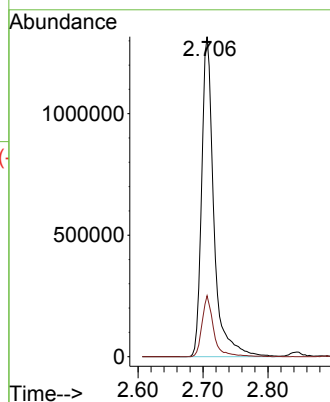
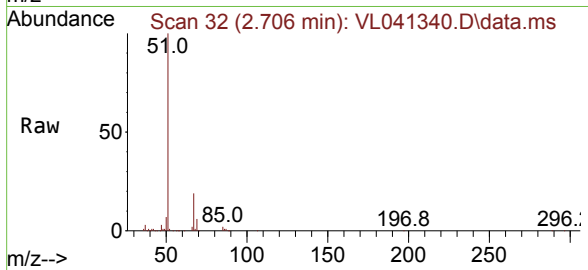




#3
Chlorodifluoromethane
Concen: 9.764 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

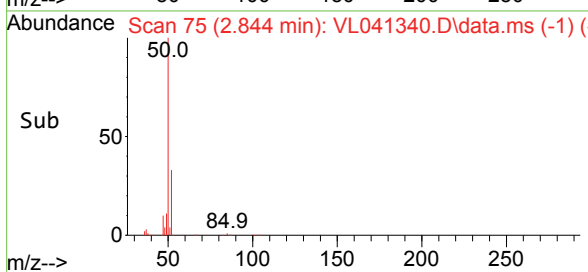
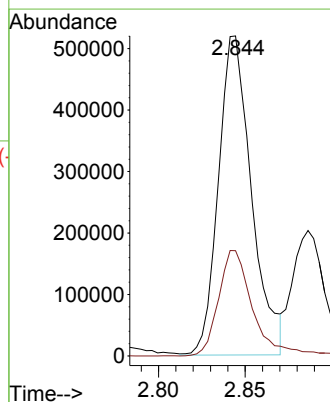
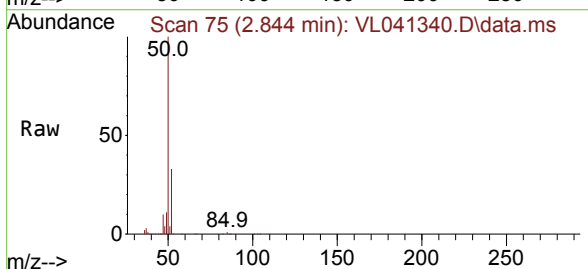
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ClientSampleId :

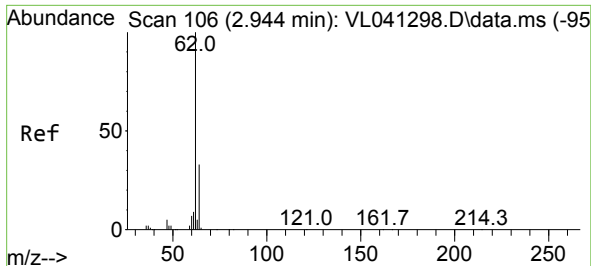
Tgt Ion: 51 Resp: 1726452
Ion Ratio Lower Upper
51 100
67 18.2 14.7 22.1



#4
Chloromethane
Concen: 10.378 ppbv
RT: 2.844 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 50 Resp: 690715
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4

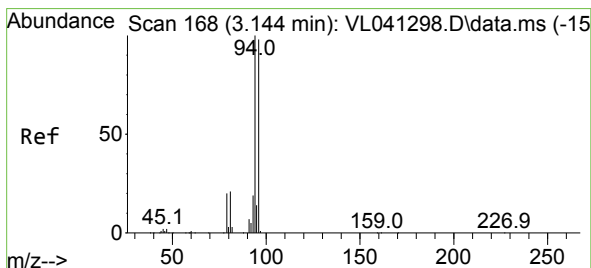
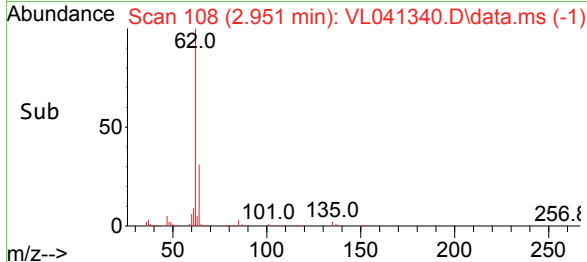
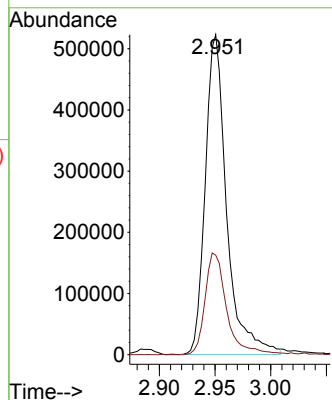
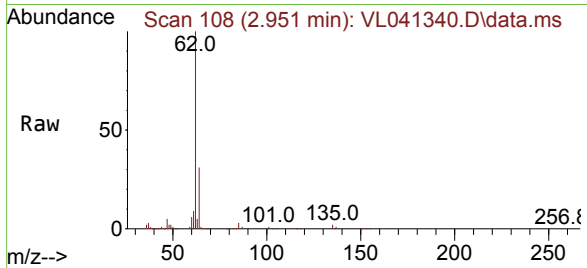




#5
 Vinyl Chloride
 Concen: 10.392 ppbv
 RT: 2.951 min Scan# 108
 Delta R.T. 0.000 min
 Lab File: VL041340.D
 Acq: 11 Jun 2024 10:20

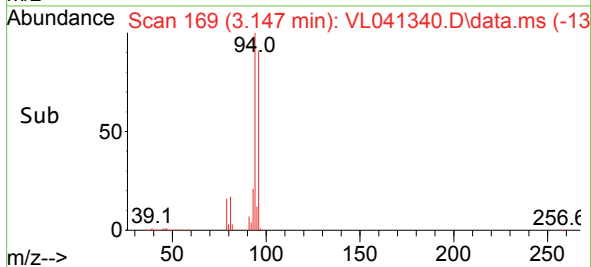
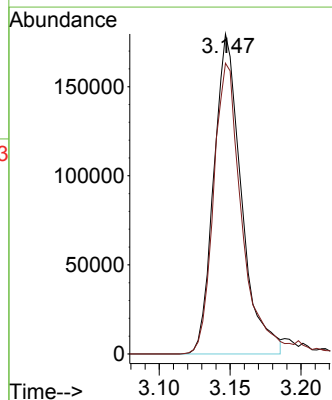
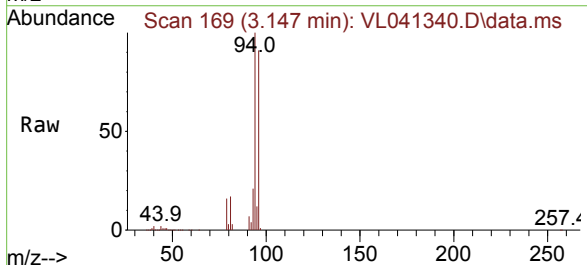
Instrument :
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 ClientSampleId :

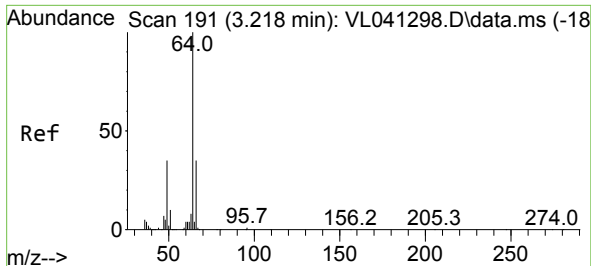
Tgt Ion: 62 Resp: 696740
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.6 40.0



#6
 Bromomethane
 Concen: 10.192 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL041340.D
 Acq: 11 Jun 2024 10:20

Tgt Ion: 94 Resp: 242975
 Ion Ratio Lower Upper
 94 100
 96 90.8 78.6 117.8

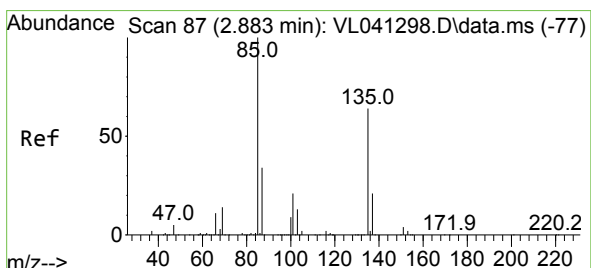
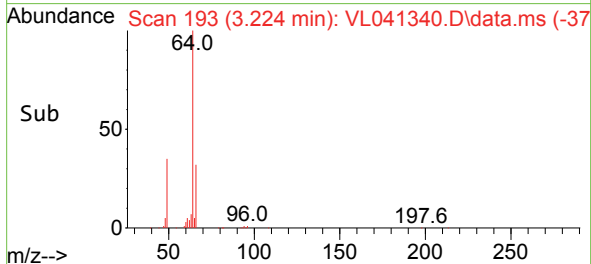
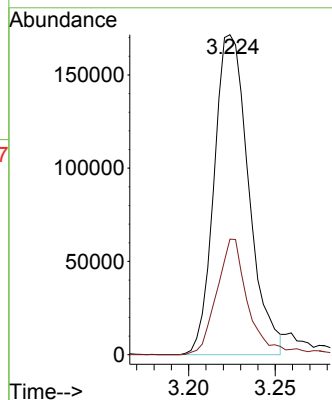
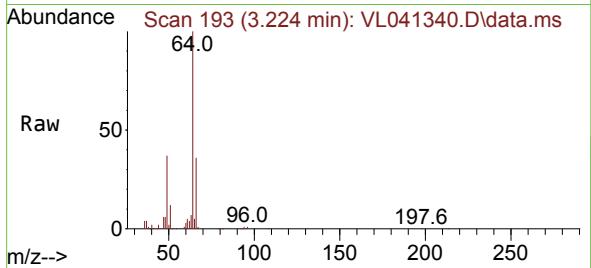




#7
Chloroethane
Concen: 10.332 ppbv
RT: 3.224 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

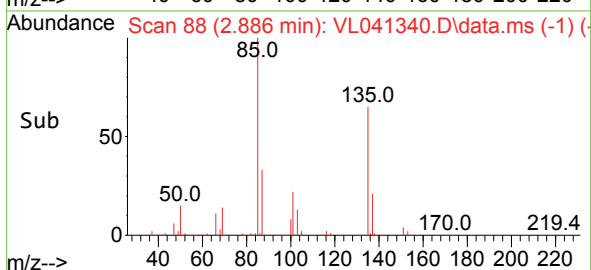
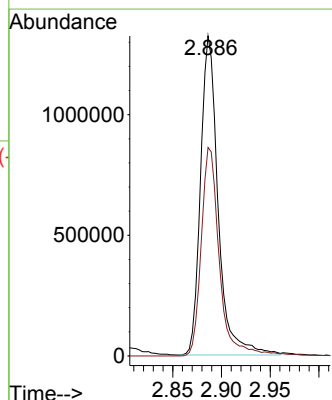
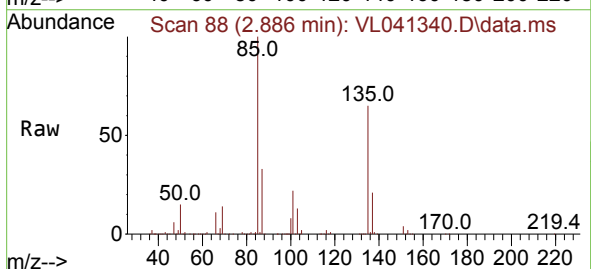
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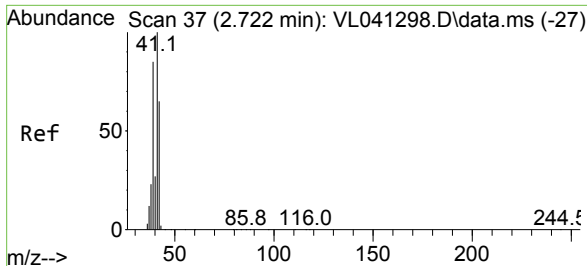
Tgt Ion: 64 Resp: 238493
Ion Ratio Lower Upper
64 100
66 36.1 28.1 42.1



#8
Dichlorotetrafluoroethane
Concen: 10.093 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 85 Resp: 1658493
Ion Ratio Lower Upper
85 100
135 68.0 51.7 77.5

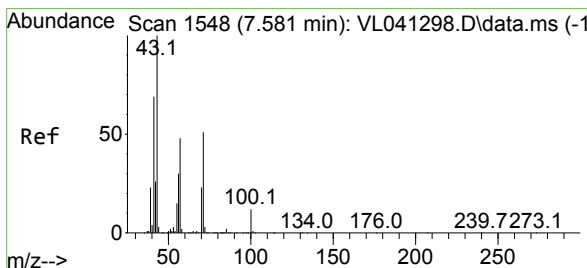
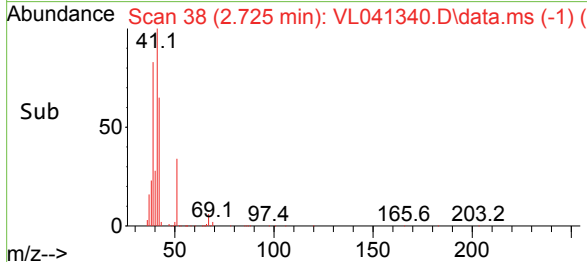
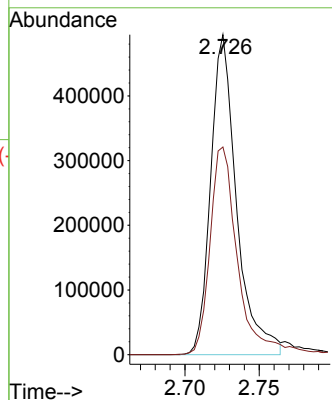
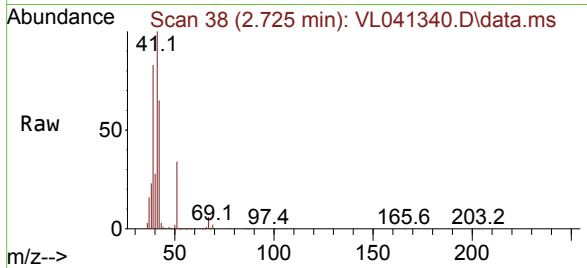




#9
Propene
Concen: 9.538 ppbv
RT: 2.725 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

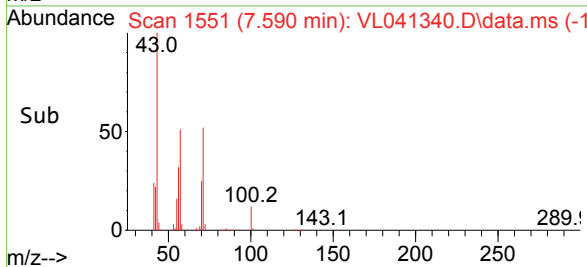
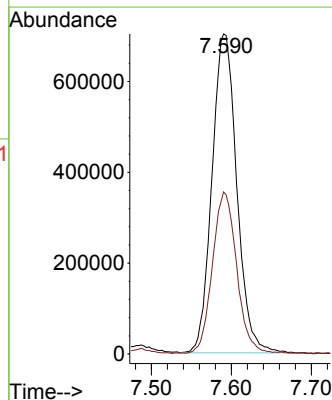
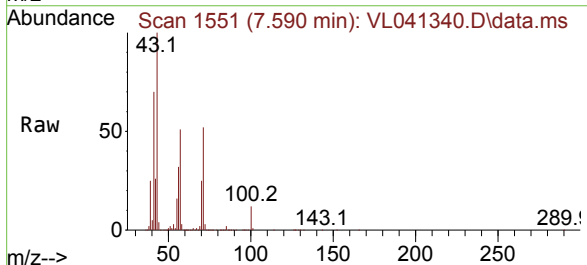
Instrument :
MSVOA_L
ClientSampleId :

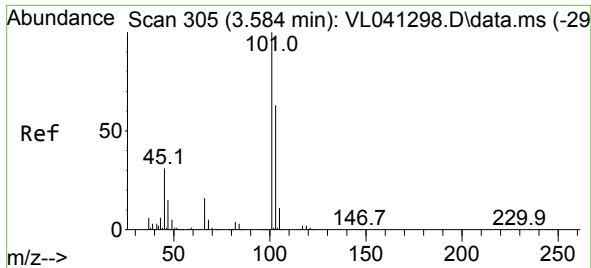
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Ion Ratio Lower Upper
41 100
42 70.5 55.2 82.8



#10
Heptane
Concen: 10.122 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 43 Resp: 1511100
Ion Ratio Lower Upper
43 100
57 49.7 39.0 58.4

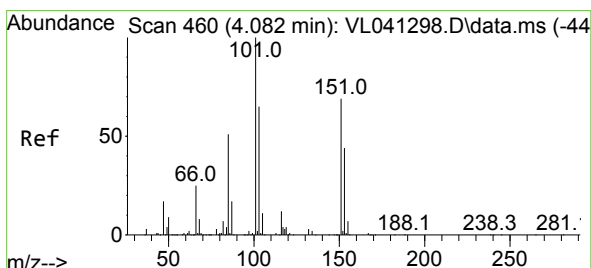
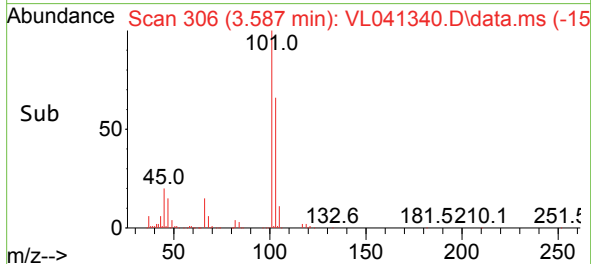
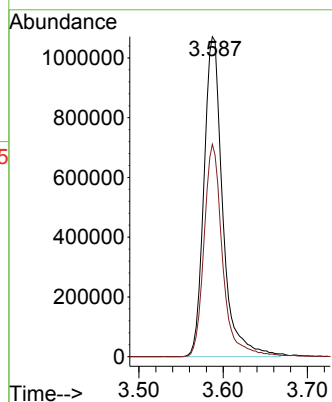
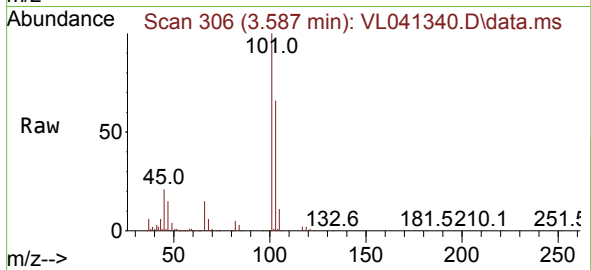




#11
 Trichlorofluoromethane
 Concen: 10.114 ppbv
 RT: 3.587 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VL041340.D
 Acq: 11 Jun 2024 10:20

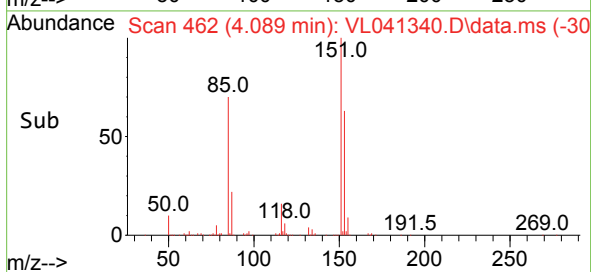
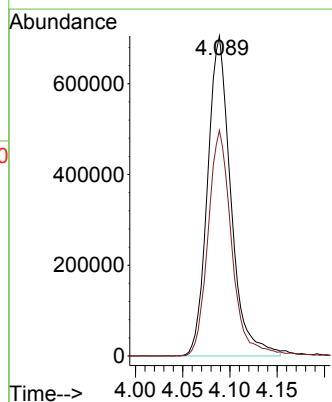
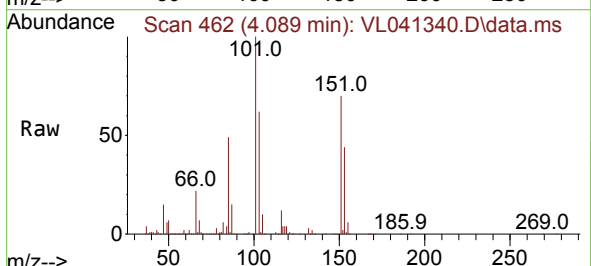
Instrument :
 MSVOA_L
 ClientSampleId :

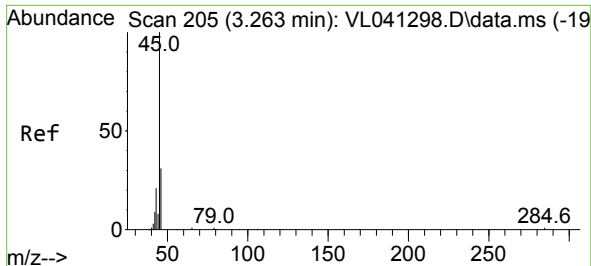
Tgt Ion:101 Resp: 1661244
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.431 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041340.D
 Acq: 11 Jun 2024 10:20

Tgt Ion:101 Resp: 1210255
 Ion Ratio Lower Upper
 101 100
 151 72.2 54.8 82.2

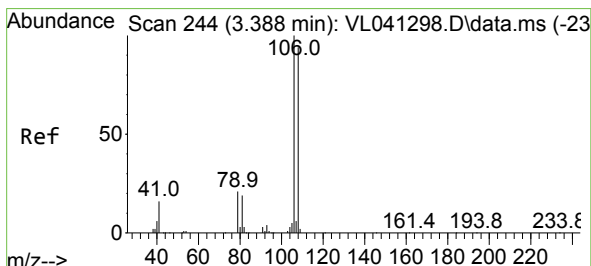
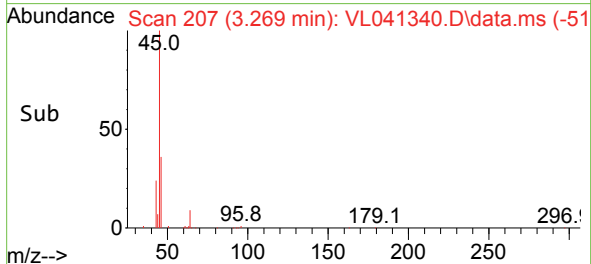
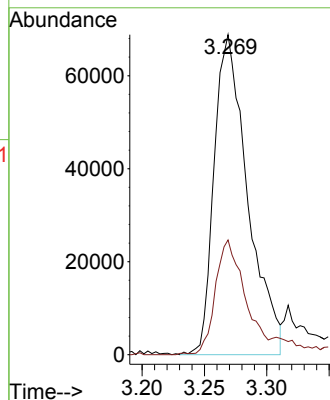
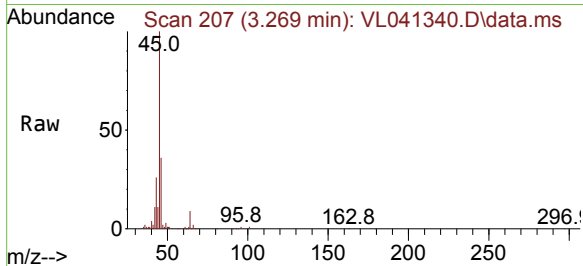




#13
Ethanol
Concen: 7.877 ppbv
RT: 3.269 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

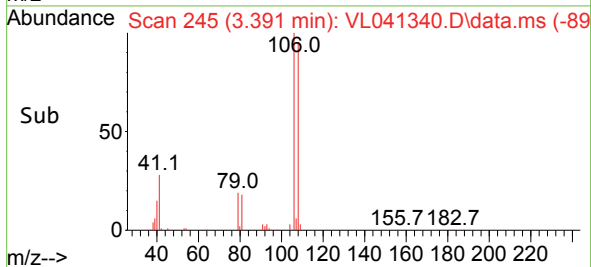
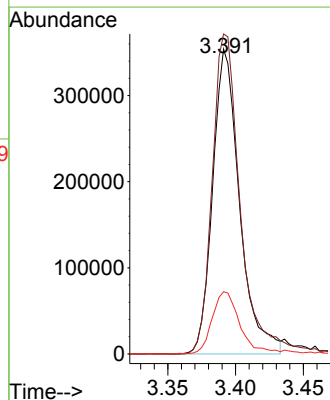
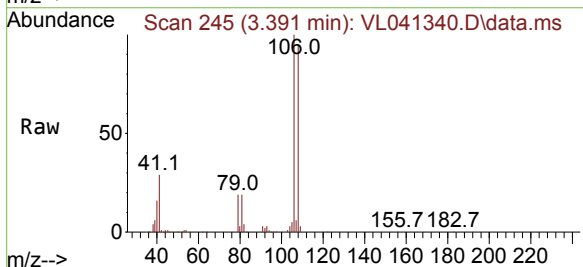
Instrument :
MSVOA_L
ClientSampleId :

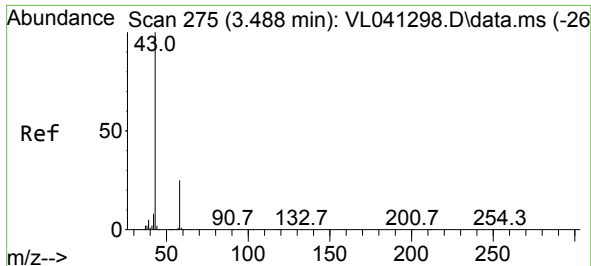
Tgt Ion: 45 Resp: 129071
Ion Ratio Lower Upper
45 100
46 38.5 14.2 56.6



#14
Bromoethene
Concen: 10.417 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 108 Resp: 489166
Ion Ratio Lower Upper
108 100
106 110.6 85.4 128.0
79 22.2 17.8 26.8

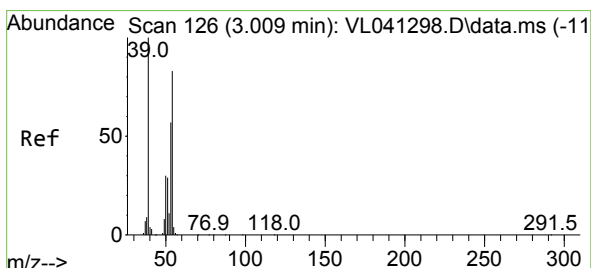
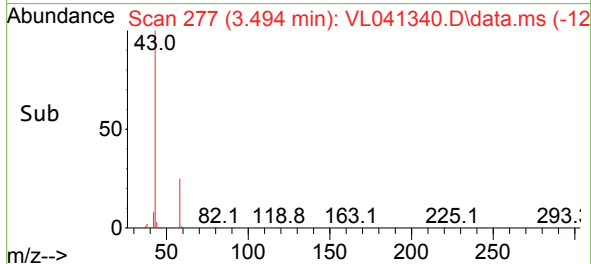
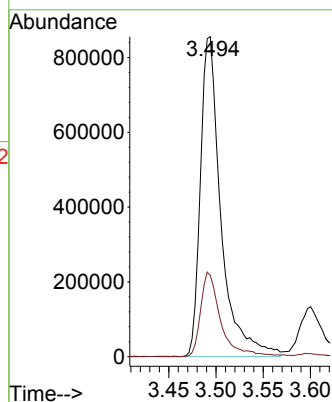
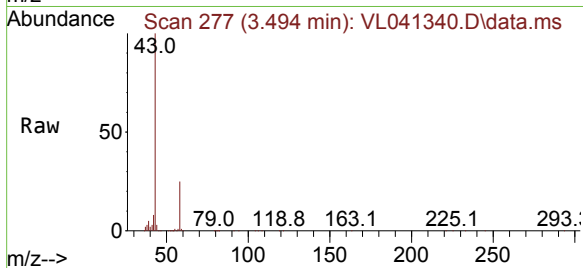




#15
Acetone
Concen: 10.118 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

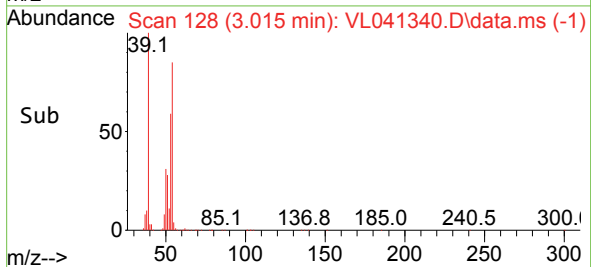
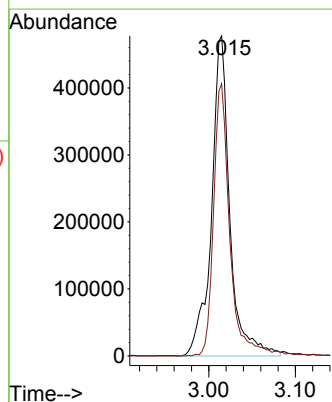
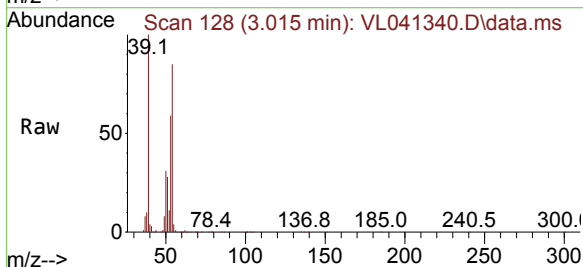
Instrument :
MSVOA_L
ClientSampleId :

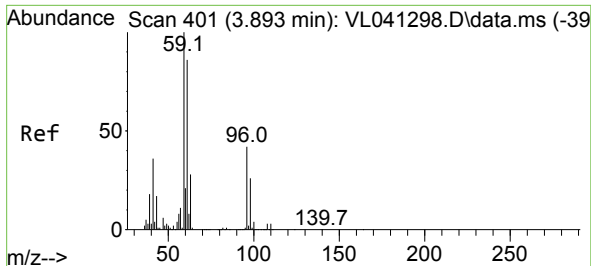
Tgt Ion: 43 Resp: 1292591
Ion Ratio Lower Upper
43 100
58 26.0 20.6 31.0



#16
1,3-Butadiene
Concen: 10.955 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 39 Resp: 703568
Ion Ratio Lower Upper
39 100
54 76.1 60.5 90.7





#17

tert-Butyl alcohol

Concen: 10.716 ppbv

RT: 3.899 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

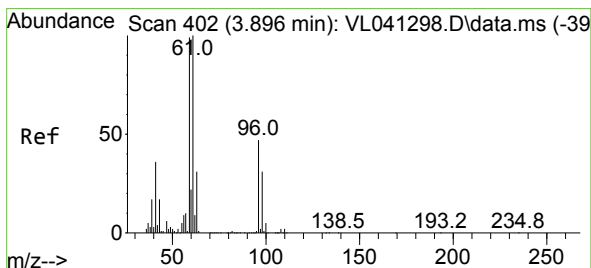
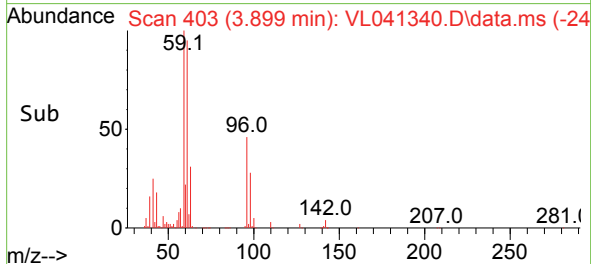
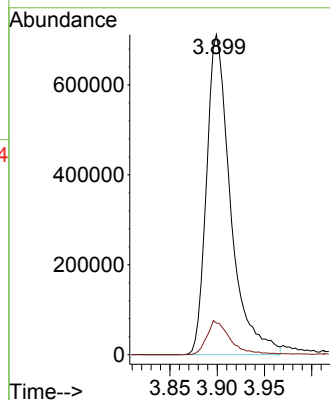
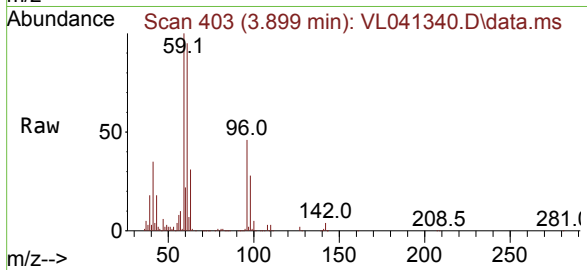
ClientSampleId :

Tgt Ion: 59 Resp: 1260388

Ion Ratio Lower Upper

59 100

57 11.1 9.0 13.4



#18

1,1-Dichloroethene

Concen: 11.024 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

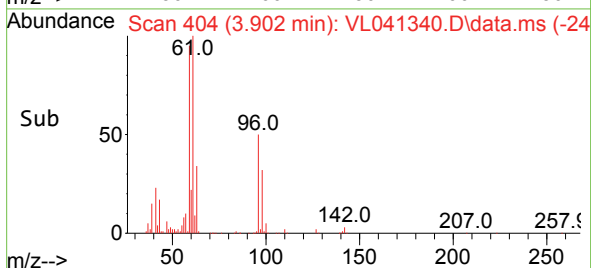
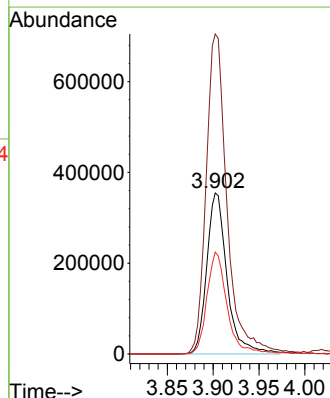
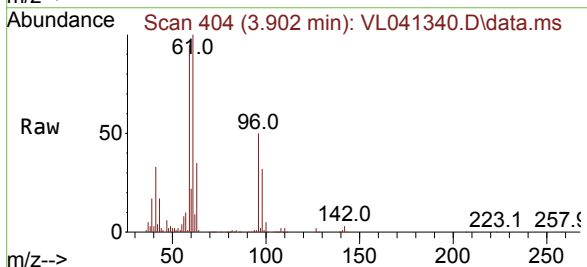
Tgt Ion: 96 Resp: 545621

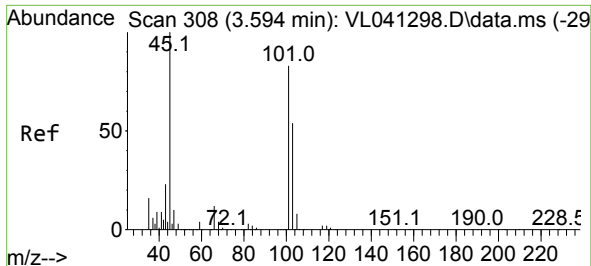
Ion Ratio Lower Upper

96 100

61 198.9 171.8 257.8

98 63.3 53.1 79.7

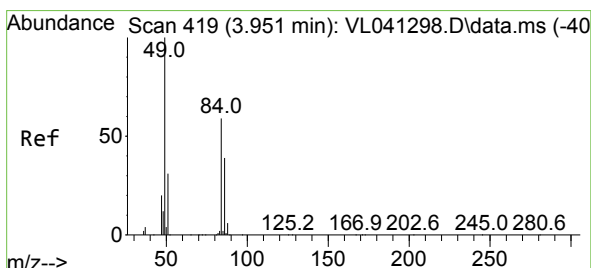
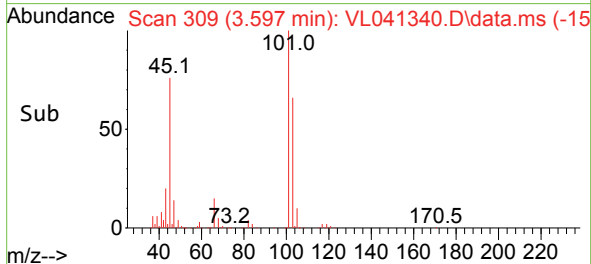
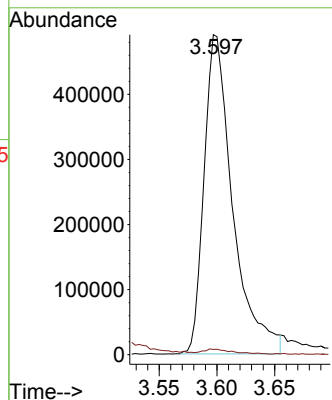
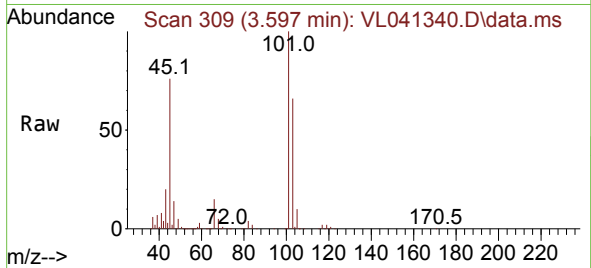




#19
Isopropyl Alcohol
Concen: 10.550 ppbv
RT: 3.597 min Scan# 308
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

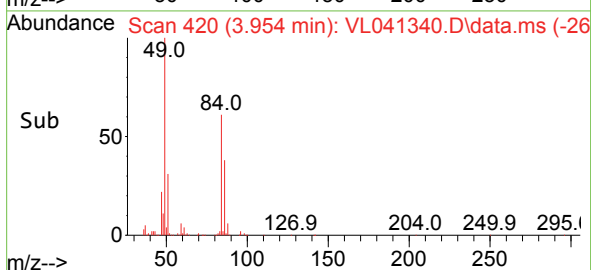
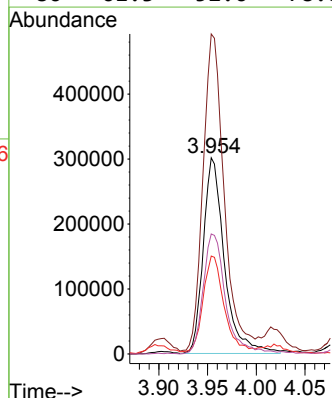
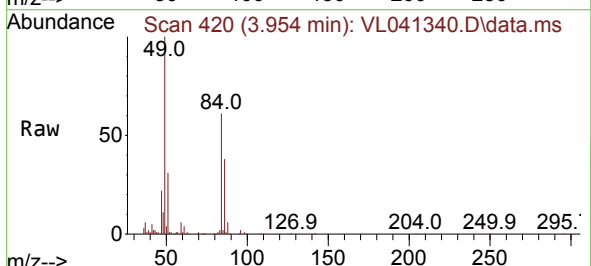
Instrument :
MSVOA_L
ClientSampleId :

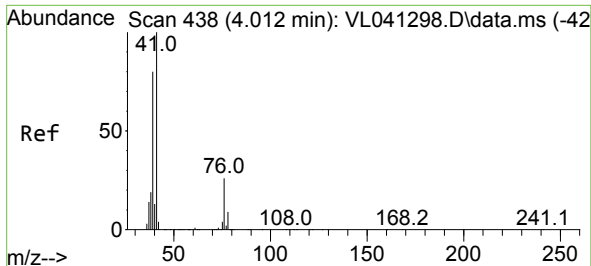
Tgt Ion: 45 Resp: 846784
Ion Ratio Lower Upper
45 100
58 2.2 1.4 2.2#



#20
Methylene Chloride
Concen: 9.827 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 84 Resp: 456332
Ion Ratio Lower Upper
84 100
49 162.0 136.2 204.2
51 48.9 41.9 62.9
86 61.3 52.6 78.8





#21

Allyl Chloride

Concen: 10.700 ppbv

RT: 4.018 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

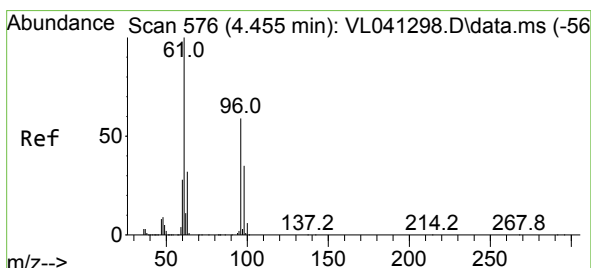
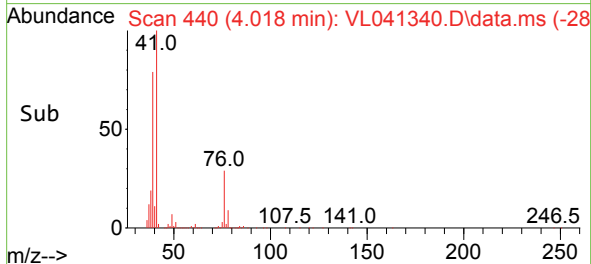
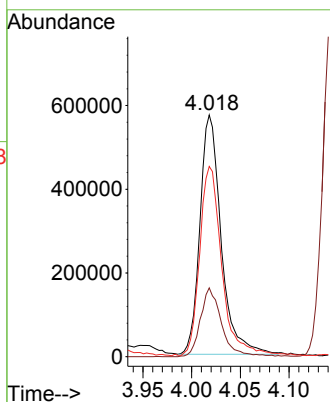
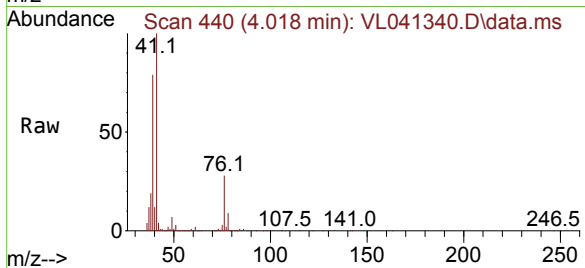
Tgt Ion: 41 Resp: 866003

Ion Ratio Lower Upper

41 100

76 28.5 22.3 33.5

39 83.2 66.3 99.5



#22

trans-1,2-Dichloroethene

Concen: 10.836 ppbv

RT: 4.465 min Scan# 579

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

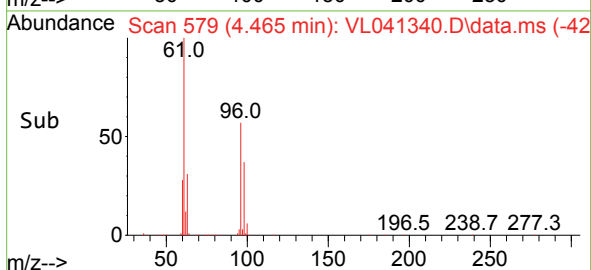
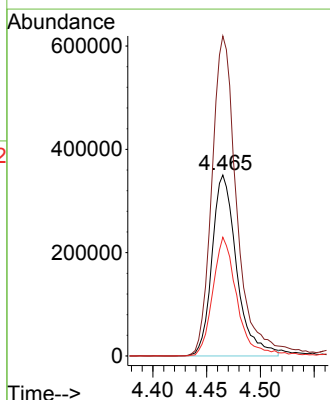
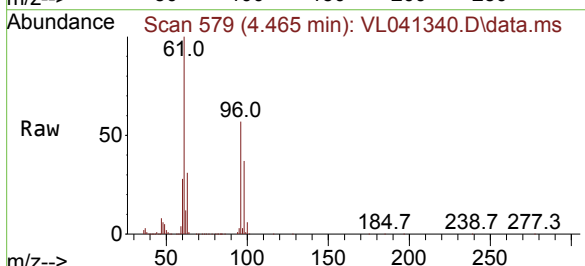
Tgt Ion: 96 Resp: 558886

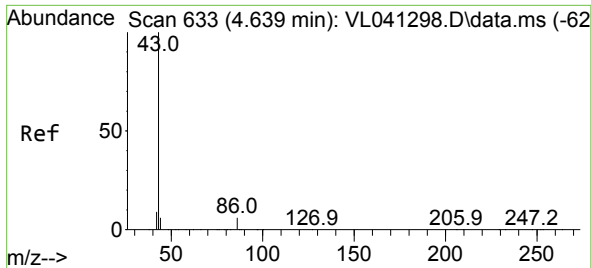
Ion Ratio Lower Upper

96 100

61 176.7 135.5 203.3

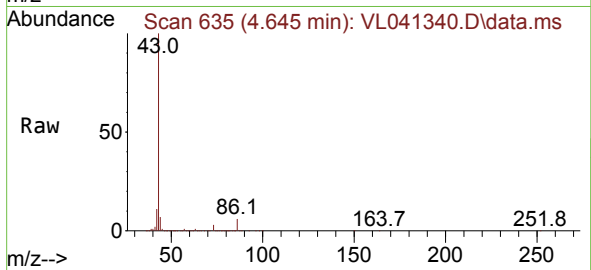
98 65.6 47.6 71.4





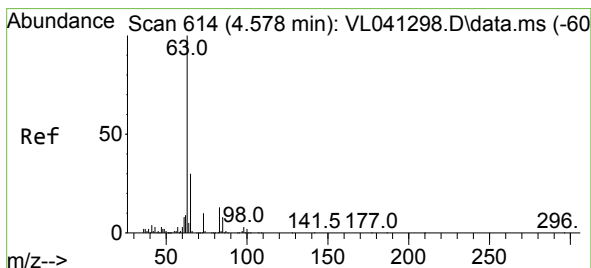
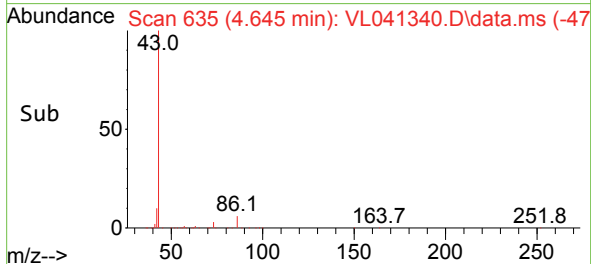
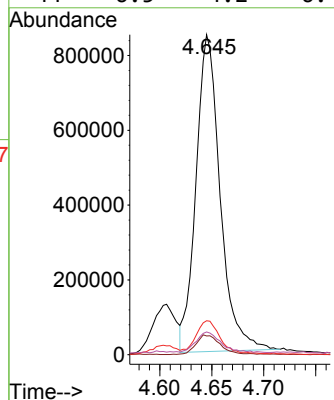
#23
 Vinyl Acetate
 Concen: 10.489 ppbv
 RT: 4.645 min Scan# 616
 Delta R.T. 0.000 min
 Lab File: VL041340.D
 Acq: 11 Jun 2024 10:20

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1370497

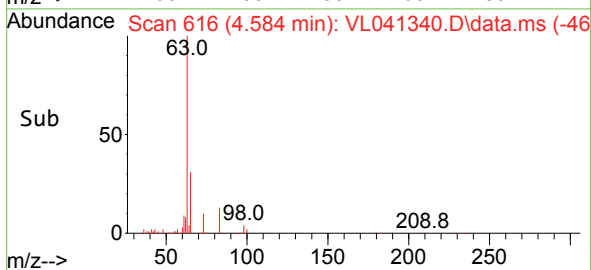
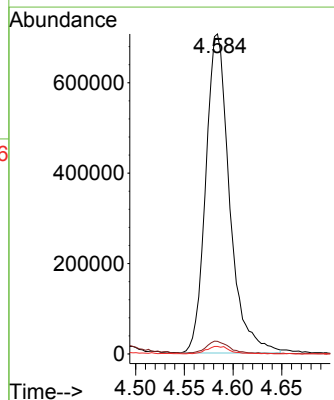
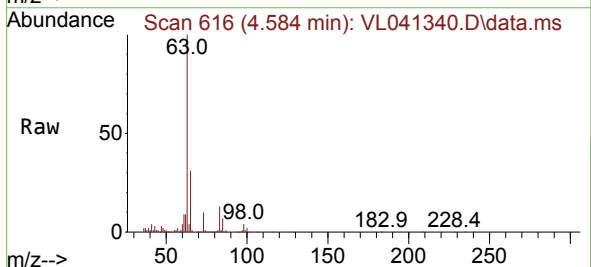
Ion	Ratio	Lower	Upper
43	100		
86	5.8	4.7	7.1
42	10.5	8.0	12.0
44	6.5	4.2	6.4

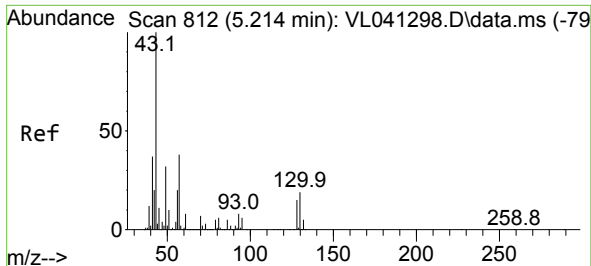


#24
 1,1-Dichloroethane
 Concen: 10.456 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.000 min
 Lab File: VL041340.D
 Acq: 11 Jun 2024 10:20

Tgt Ion: 63 Resp: 1201856

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.9	5.7
100	2.3	1.1	3.5



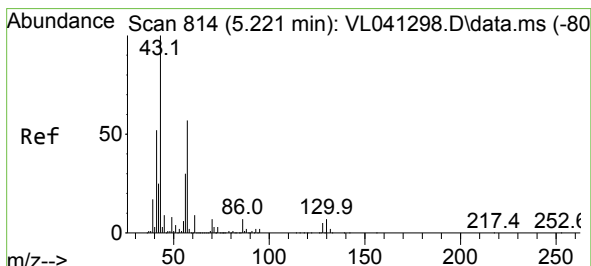
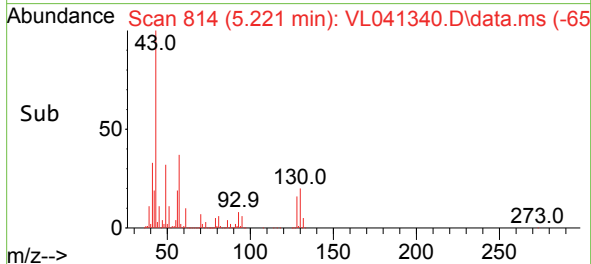
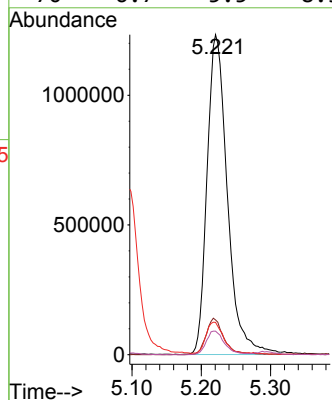
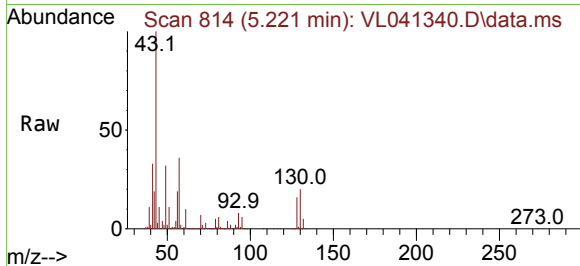


#25
Ethyl Acetate
Concen: 9.923 ppbv
RT: 5.221 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2507819

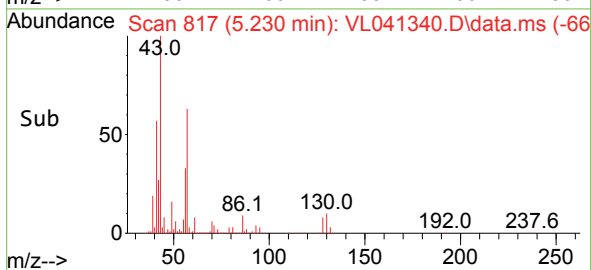
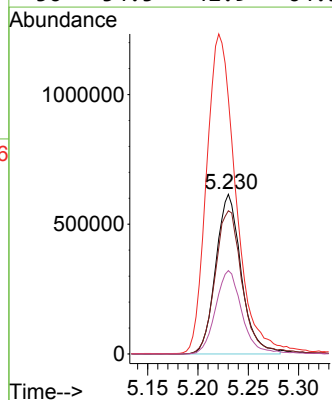
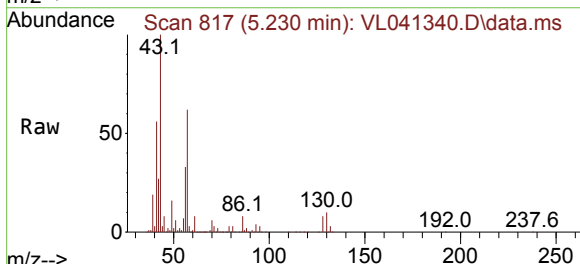
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	9.8	7.4	11.0
70	6.7	5.5	8.3

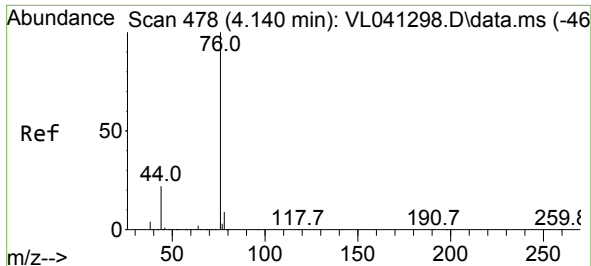


#26
Hexane
Concen: 9.532 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 57 Resp: 1083346

Ion	Ratio	Lower	Upper
57	100		
41	96.5	77.1	115.7
43	232.4	186.1	279.1
56	54.5	42.9	64.3

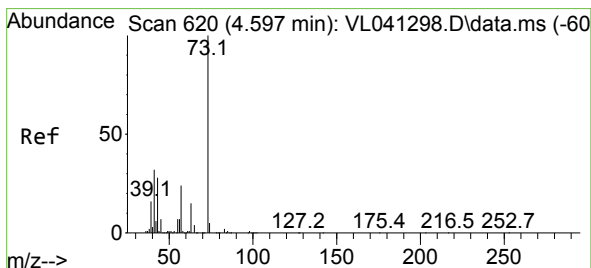
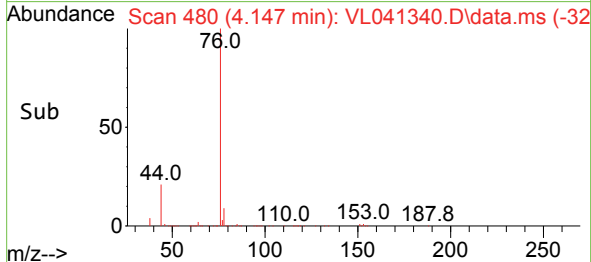
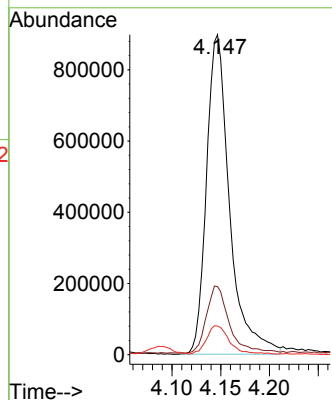
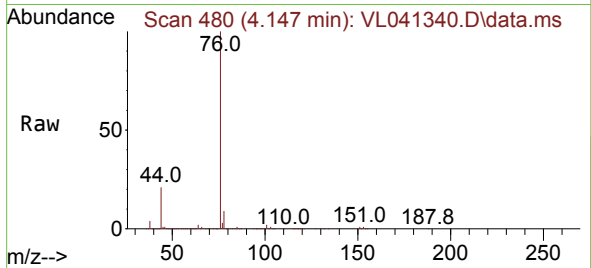




#27
Carbon Disulfide
Concen: 11.738 ppbv
RT: 4.147 min Scan# 417
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

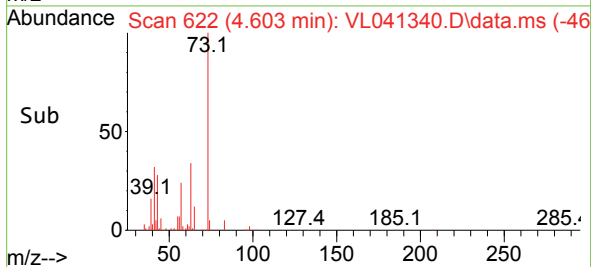
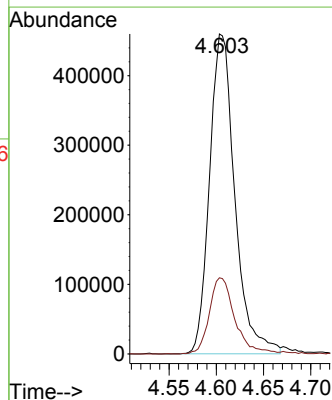
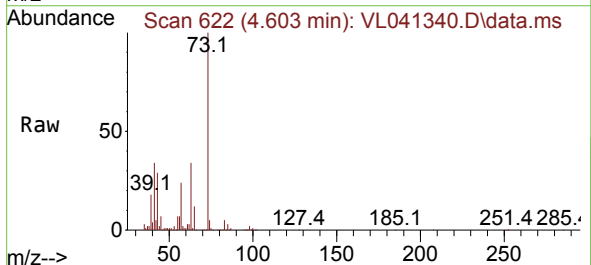
Instrument :
MSVOA_L
ClientSampleId :

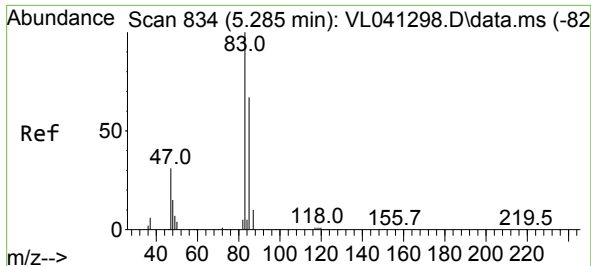
Tgt Ion: 76 Resp: 1477695
Ion Ratio Lower Upper
76 100
44 21.3 17.7 26.5
78 9.6 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 10.158 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 73 Resp: 855656
Ion Ratio Lower Upper
73 100
57 24.6 19.2 28.8





#29

Chloroform

Concen: 9.898 ppbv

RT: 5.291 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

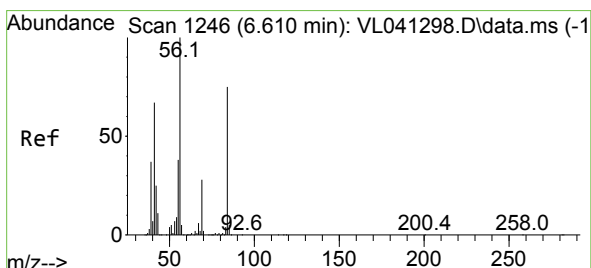
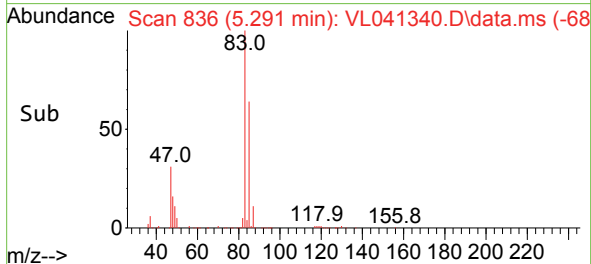
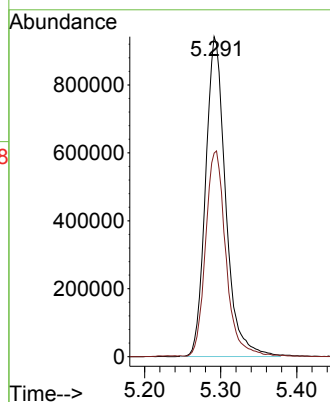
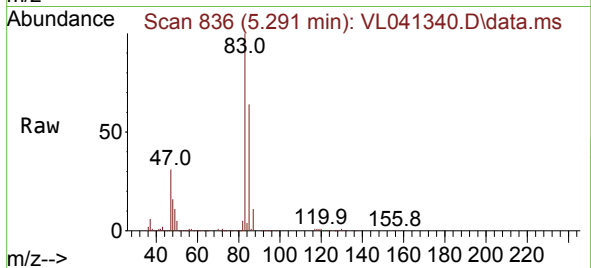
ClientSampleId :

Tgt Ion: 83 Resp: 1725979

Ion Ratio Lower Upper

83 100

85 63.3 53.3 79.9



#30

Cyclohexane

Concen: 10.206 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

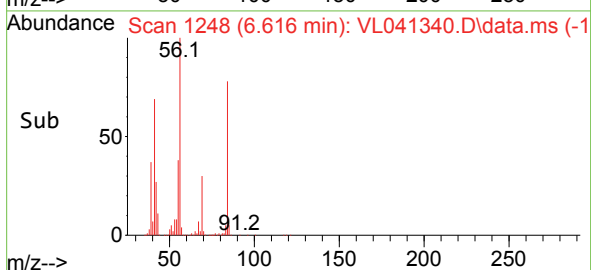
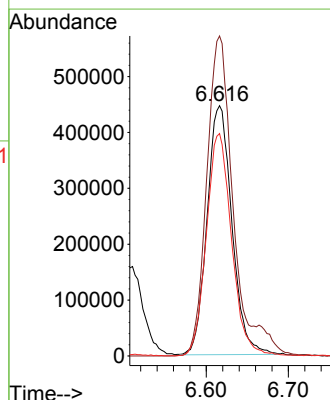
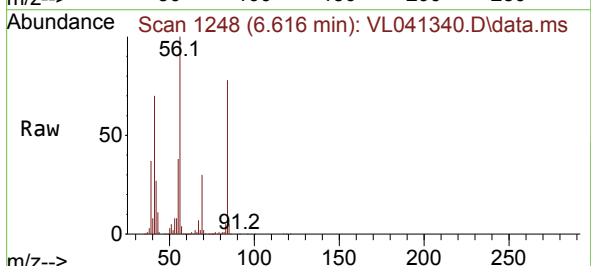
Tgt Ion: 84 Resp: 940237

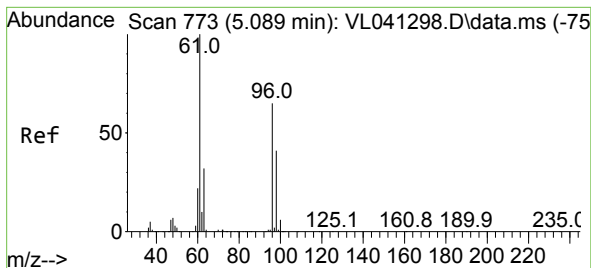
Ion Ratio Lower Upper

84 100

56 137.9 114.9 172.3

41 90.3 74.4 111.6





#31

cis-1,2-Dichloroethene

Concen: 10.409 ppbv

RT: 5.095 min Scan# 71

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

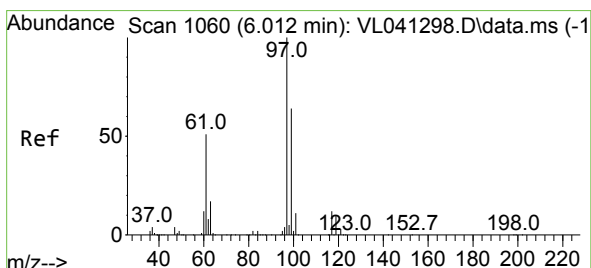
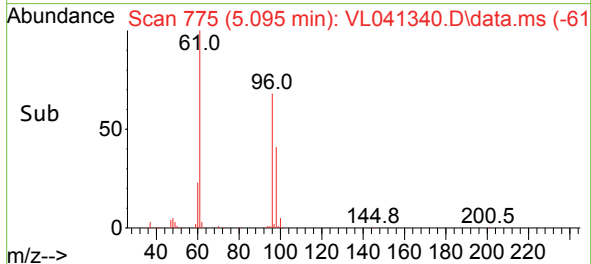
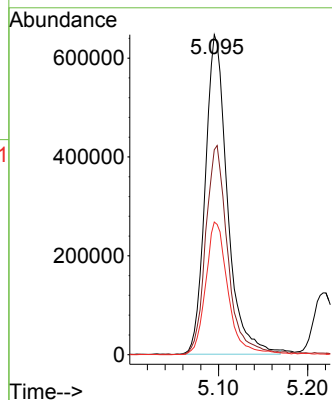
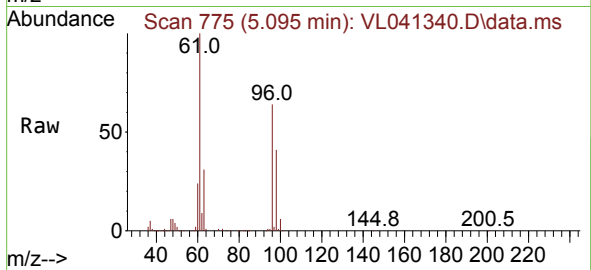
Tgt Ion: 61 Resp: 1117934

Ion Ratio Lower Upper

61 100

96 64.0 52.1 78.1

98 41.5 33.1 49.7



#32

1,1,1-Trichloroethane

Concen: 10.324 ppbv

RT: 6.018 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

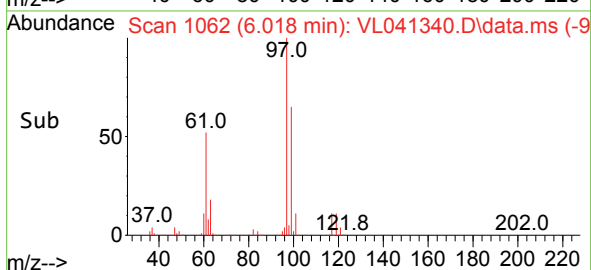
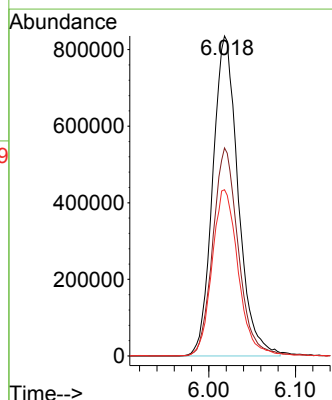
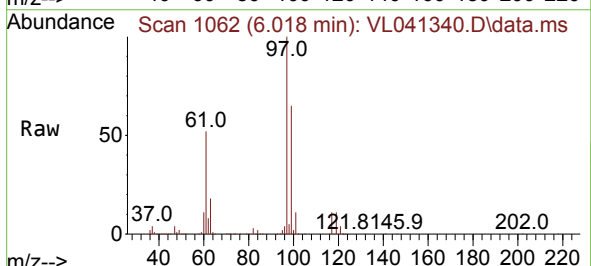
Tgt Ion: 97 Resp: 1705253

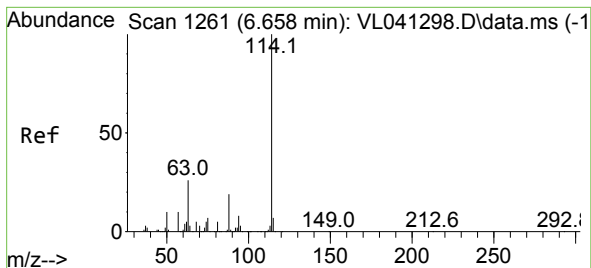
Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 53.9 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.667 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

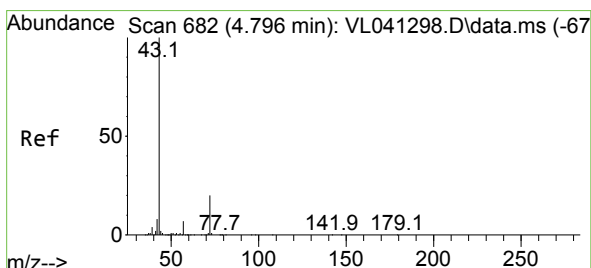
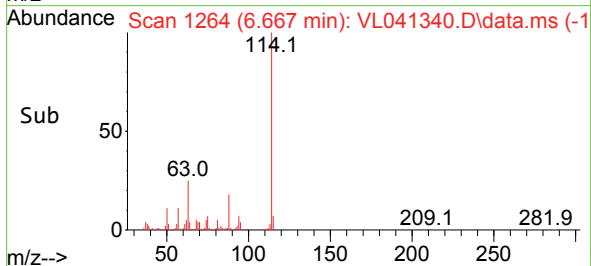
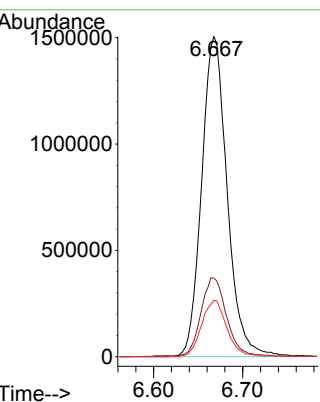
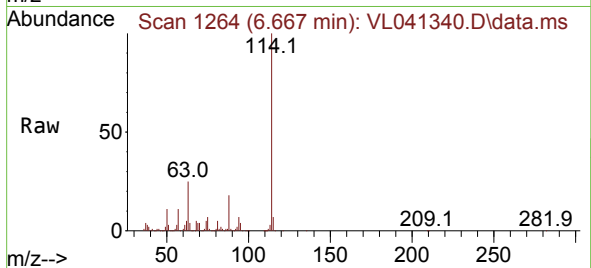
Tgt Ion:114 Resp: 2981796

Ion Ratio Lower Upper

114 100

63 25.4 20.6 30.8

88 17.6 14.5 21.7



#34

2-Butanone

Concen: 9.658 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.000 min

Lab File: VL041340.D

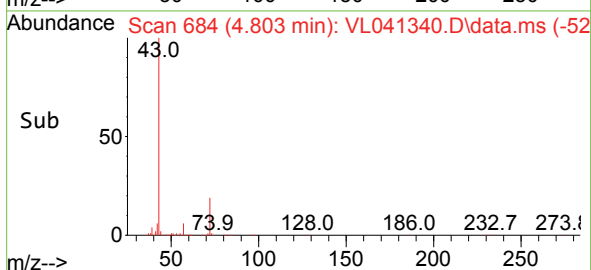
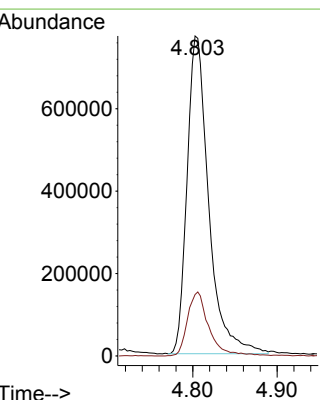
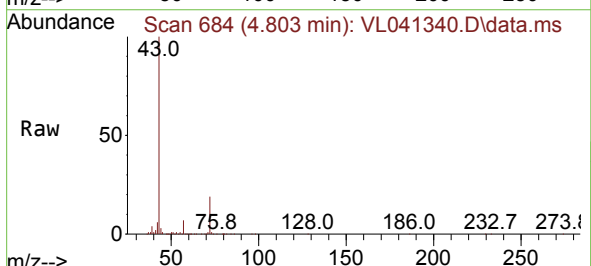
Acq: 11 Jun 2024 10:20

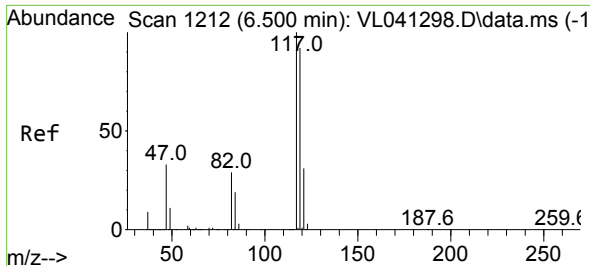
Tgt Ion: 43 Resp: 1379579

Ion Ratio Lower Upper

43 100

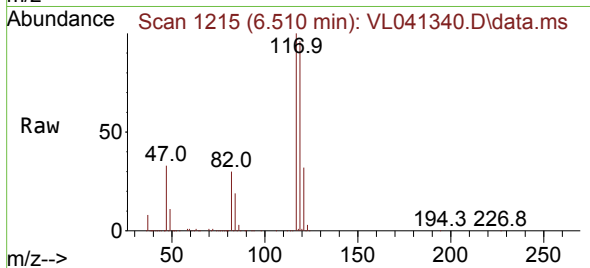
72 20.2 17.4 26.0



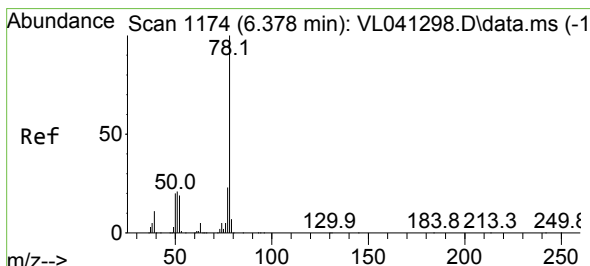
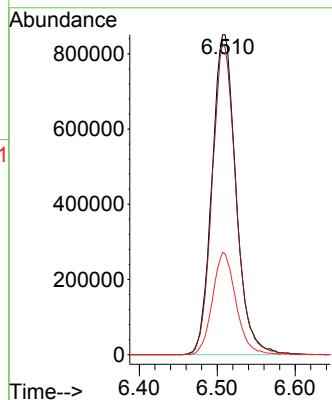
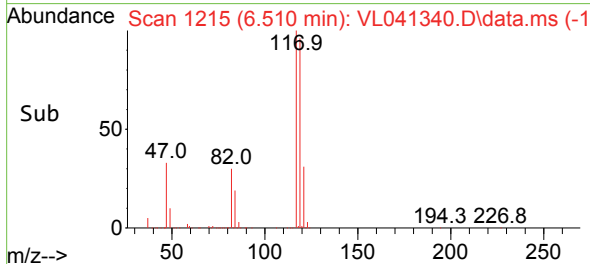


#35
Carbon Tetrachloride
Concen: 10.755 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Instrument :
MSVOA_L
ClientSampleId :

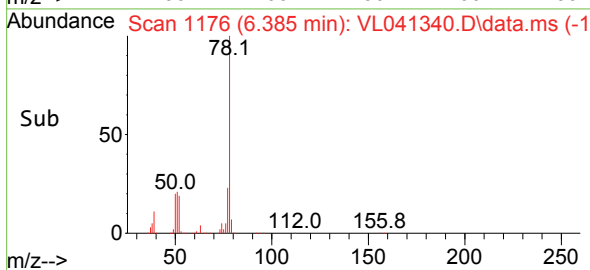
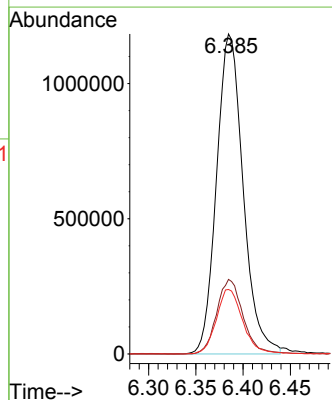
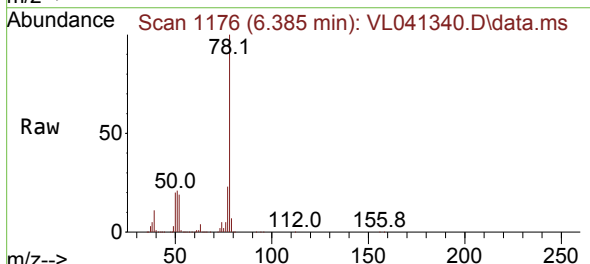


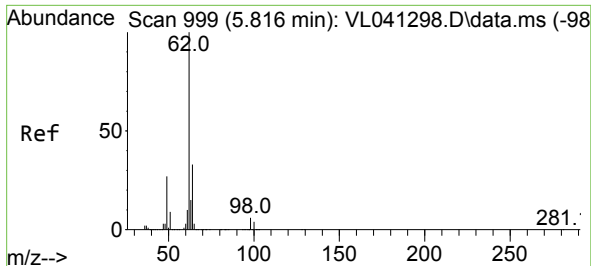
Tgt Ion:117 Resp: 1822633
Ion Ratio Lower Upper
117 100
119 96.0 74.0 111.0
121 31.5 24.8 37.2



#36
Benzene
Concen: 10.011 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 78 Resp: 2313743
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0
50 20.1 16.0 24.0

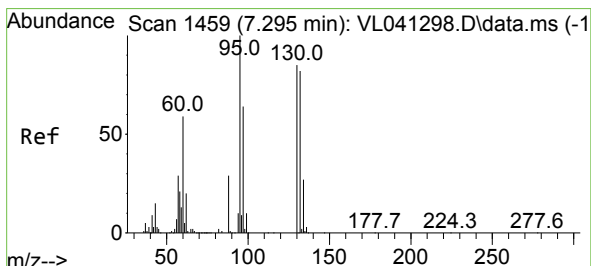
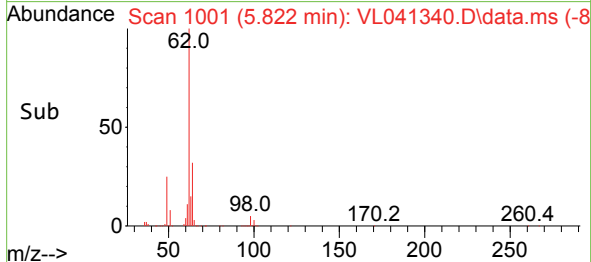
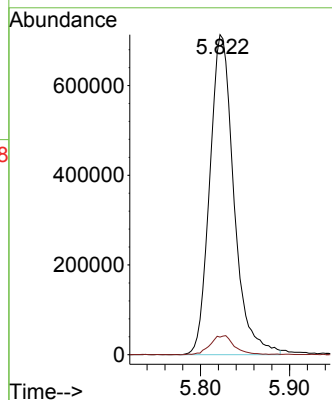
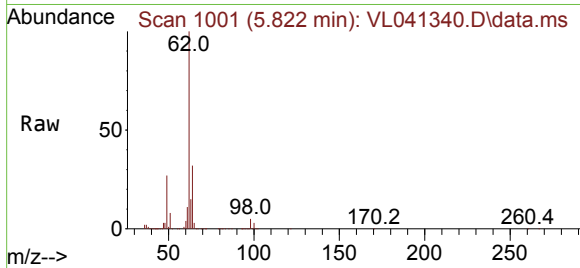




#37
1,2-Dichloroethane
Concen: 9.966 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

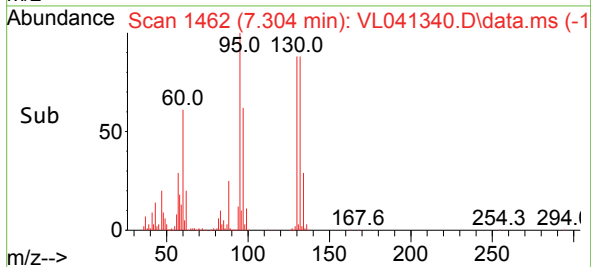
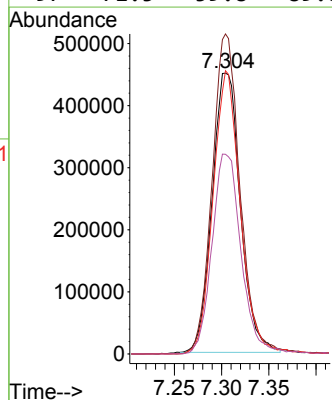
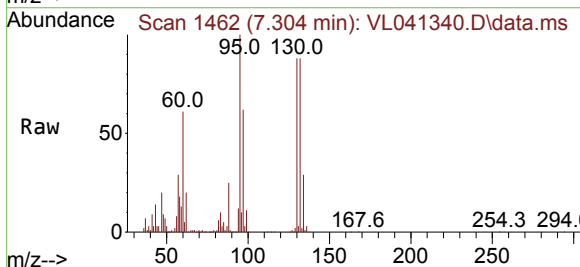
Instrument :
MSVOA_L
ClientSampleId :

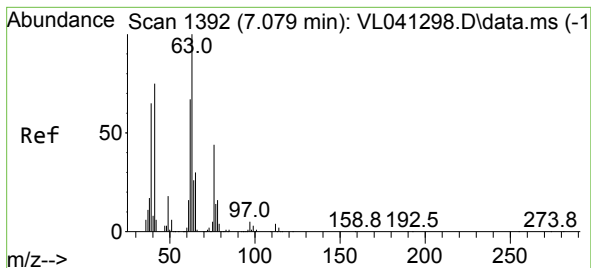
Tgt Ion: 62 Resp: 1342888
Ion Ratio Lower Upper
62 100
98 6.1 4.8 7.2



#38
Trichloroethene
Concen: 9.940 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion:130 Resp: 931027
Ion Ratio Lower Upper
130 100
95 114.5 94.0 141.0
132 101.4 76.7 115.1
97 71.5 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.826 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

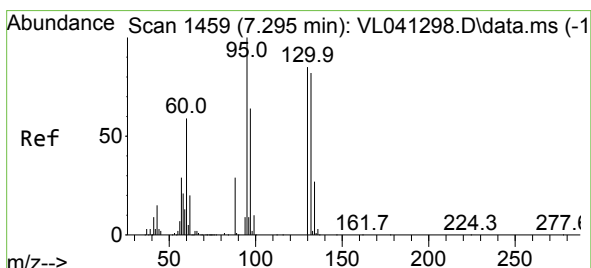
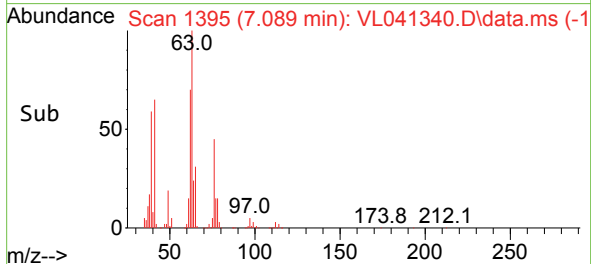
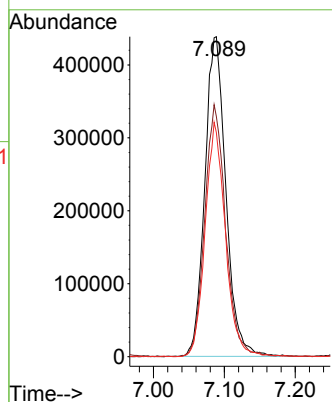
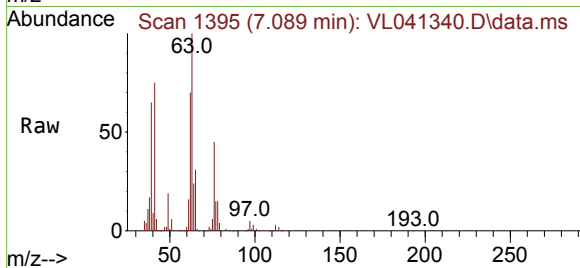
Tgt Ion: 63 Resp: 904323

Ion Ratio Lower Upper

63 100

41 74.9 59.9 89.9

62 70.0 53.8 80.6



#40

1,4-Dioxane

Concen: 9.208 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Tgt Ion: 88 Resp: 310362

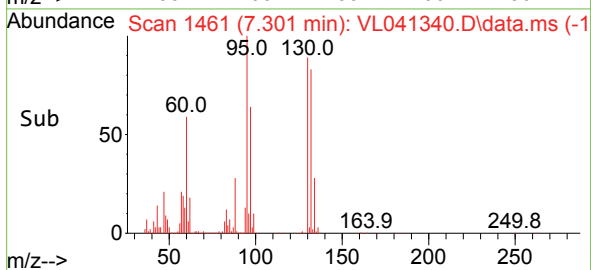
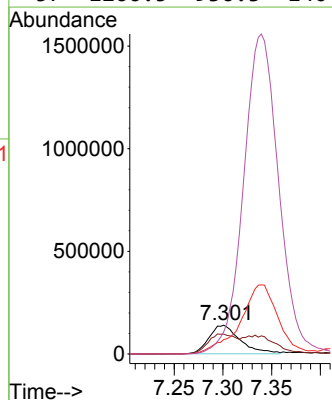
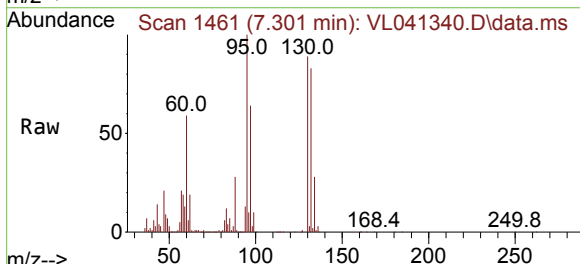
Ion Ratio Lower Upper

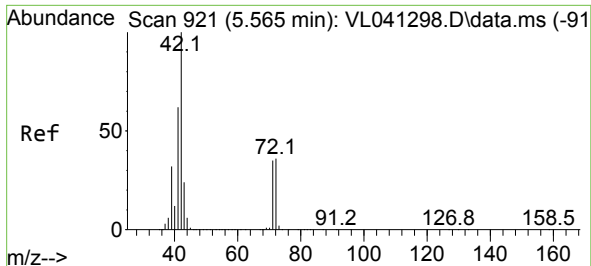
88 100

58 133.5 107.5 161.3

43 294.5 221.8 332.6

57 1266.5 936.3 1404.5





#41

Tetrahydrofuran

Concen: 10.350 ppbv

RT: 5.574 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

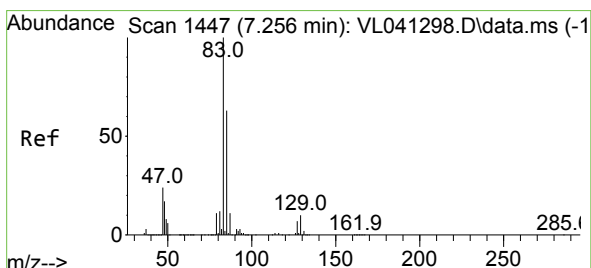
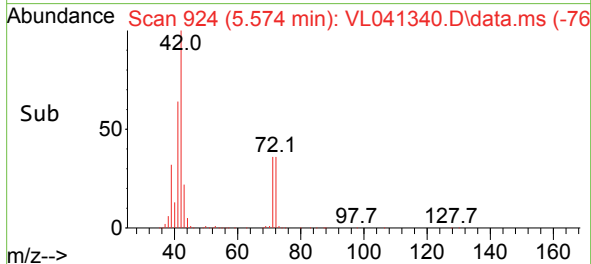
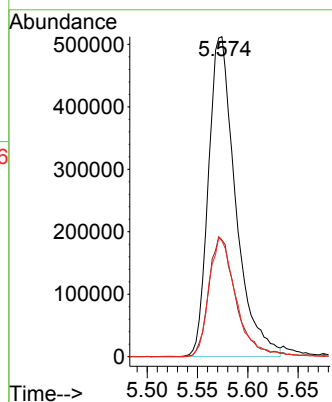
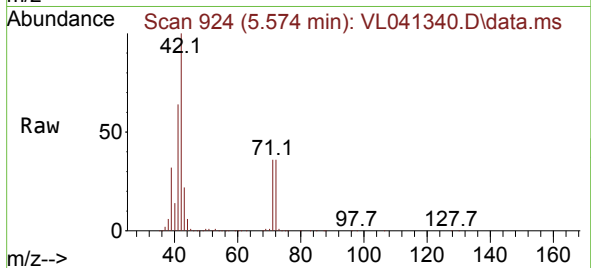
Tgt Ion: 42 Resp: 962009

Ion Ratio Lower Upper

42 100

72 38.2 30.2 45.4

71 37.8 30.3 45.5



#42

Bromodichloromethane

Concen: 10.258 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

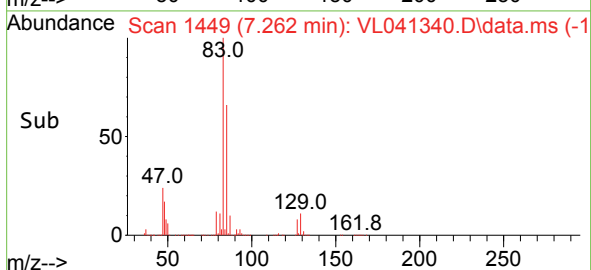
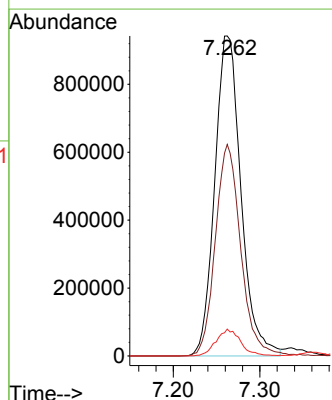
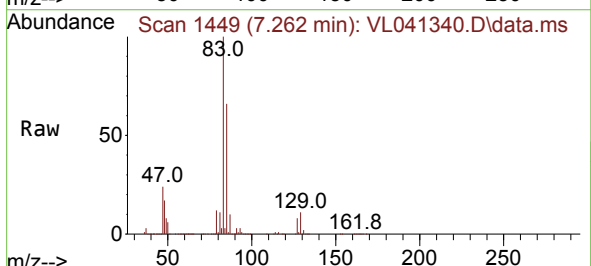
Tgt Ion: 83 Resp: 1985233

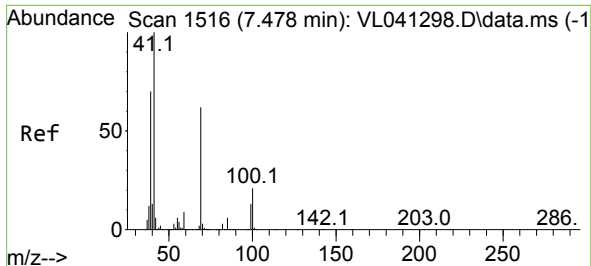
Ion Ratio Lower Upper

83 100

85 66.1 50.6 75.8

127 8.4 5.6 8.4

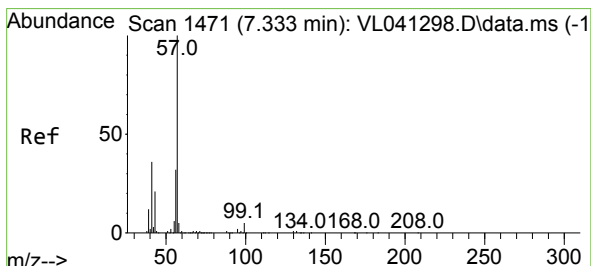
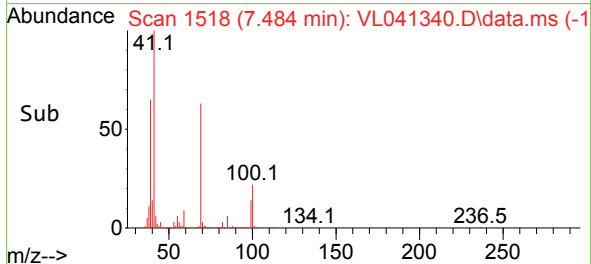
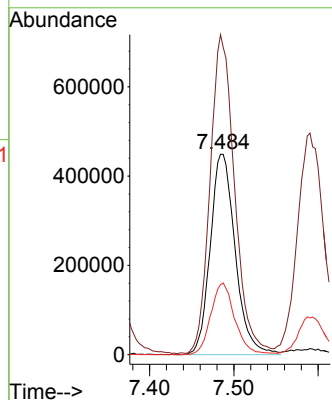
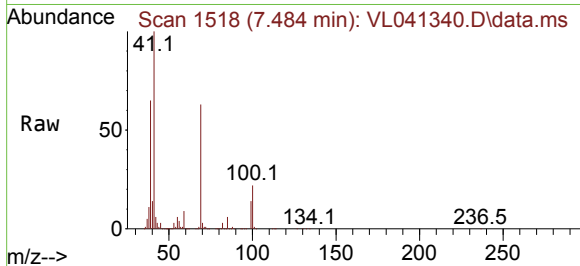




#43
Methyl Methacrylate
Concen: 10.503 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

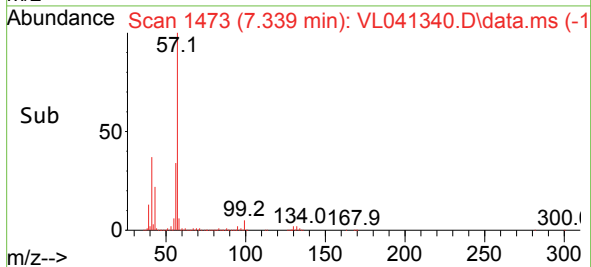
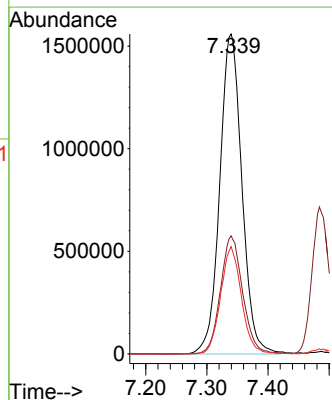
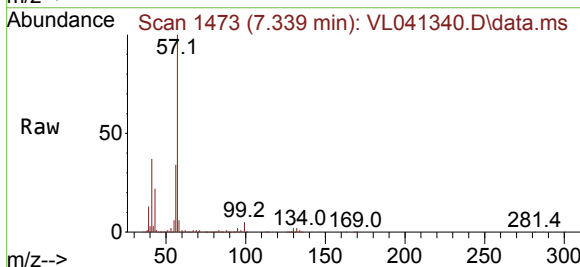
Instrument :
MSVOA_L
ClientSampleId :

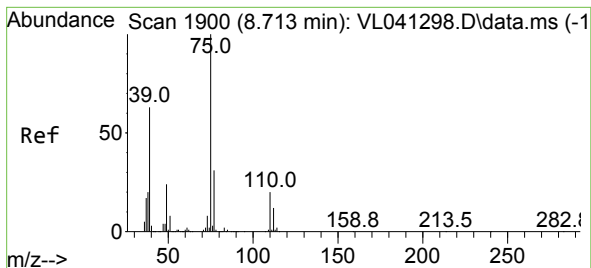
Tgt Ion: 69 Resp: 924902
Ion Ratio Lower Upper
69 100
41 156.5 125.8 188.6
100 34.6 27.0 40.6



#44
2,2,4-Trimethylpentane
Concen: 9.867 ppbv
RT: 7.339 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 57 Resp: 3921869
Ion Ratio Lower Upper
57 100
41 37.1 29.4 44.2
56 31.6 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 12.005 ppbv

RT: 8.719 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

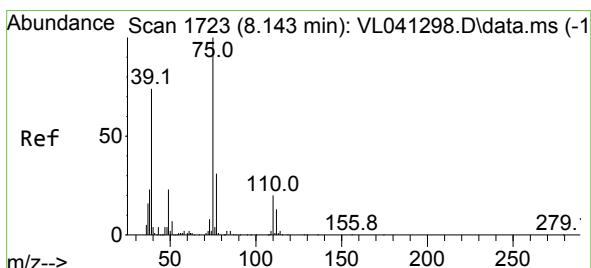
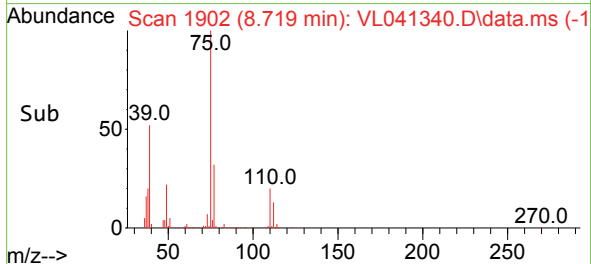
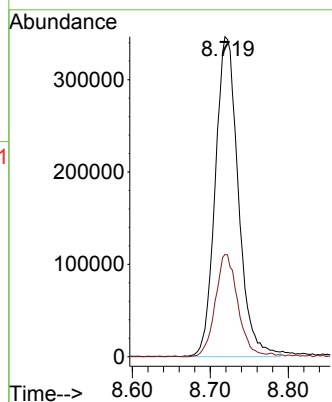
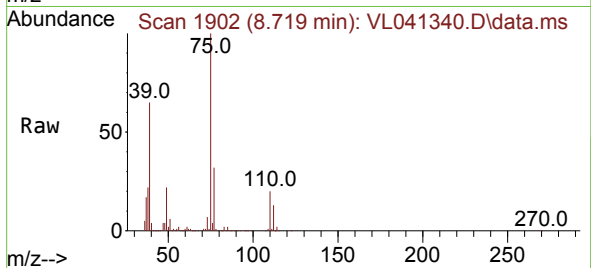
ClientSampleId :

Tgt Ion: 75 Resp: 713360

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 11.311 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

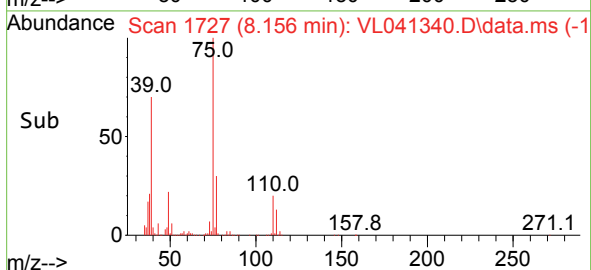
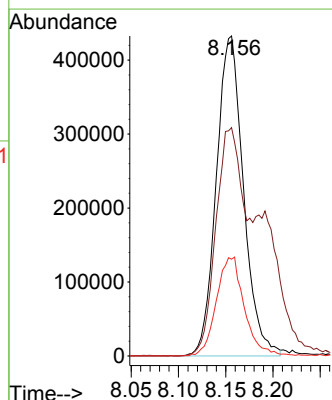
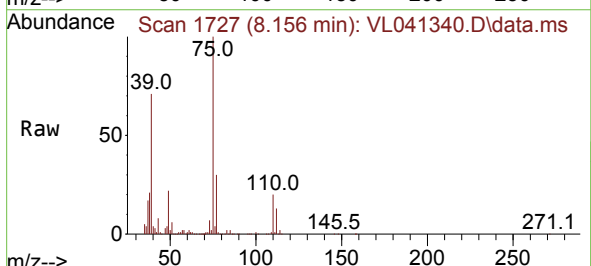
Tgt Ion: 75 Resp: 865200

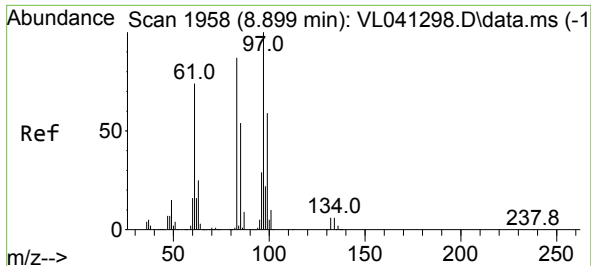
Ion Ratio Lower Upper

75 100

39 71.2 59.2 88.8

77 30.3 25.0 37.6

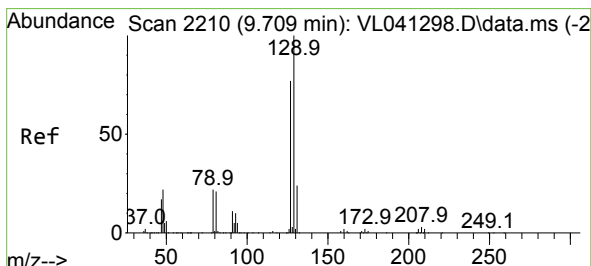
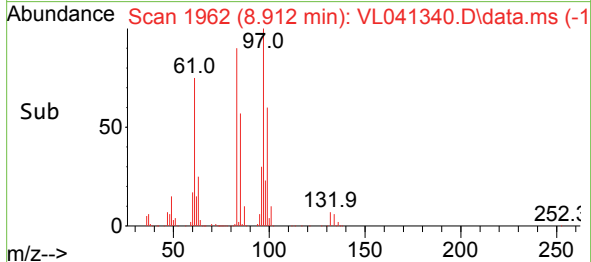
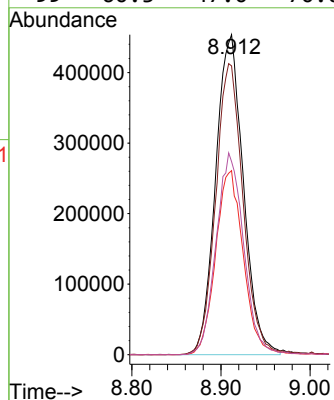
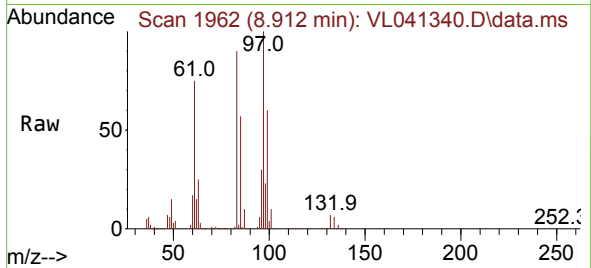




#47
1,1,2-Trichloroethane
Concen: 10.203 ppbv
RT: 8.912 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

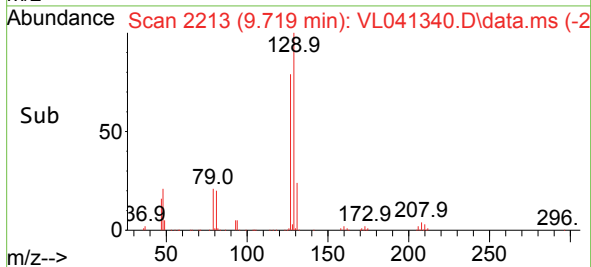
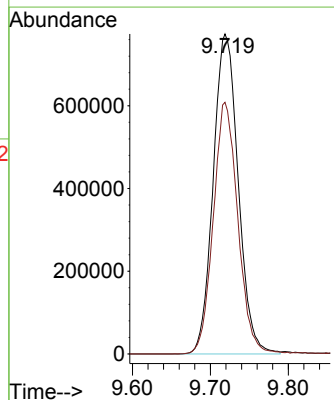
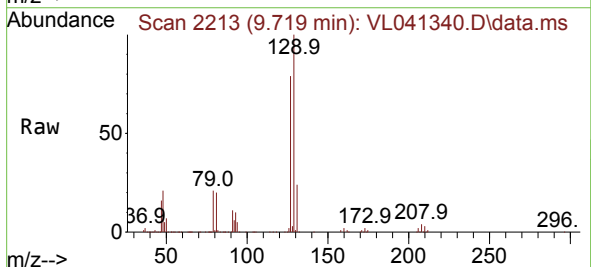
Instrument :
MSVOA_L
ClientSampleId :

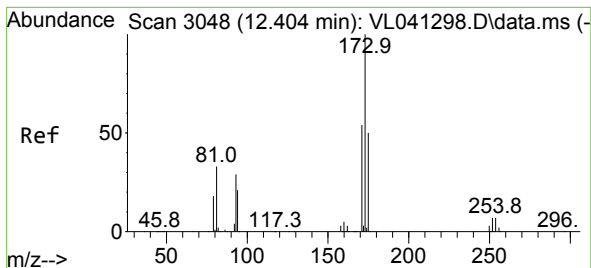
Tgt Ion: 97 Resp: 981239
Ion Ratio Lower Upper
97 100
83 90.2 69.7 104.5
85 57.5 43.1 64.7
99 60.3 47.0 70.6



#48
Dibromochloromethane
Concen: 10.886 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 129 Resp: 1725418
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





#49

Bromoform

Concen: 11.595 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

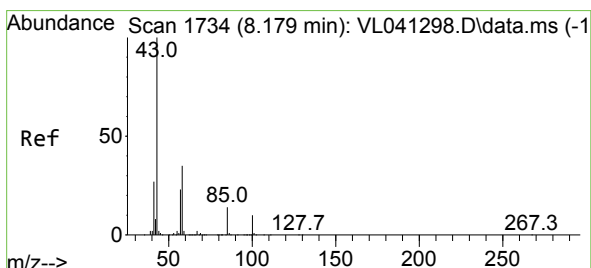
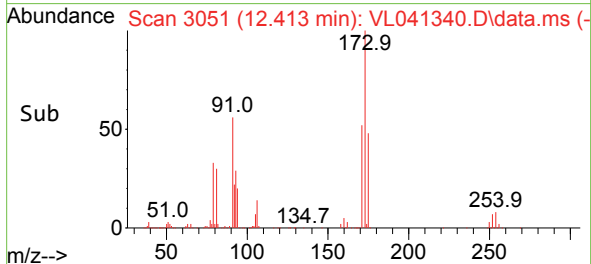
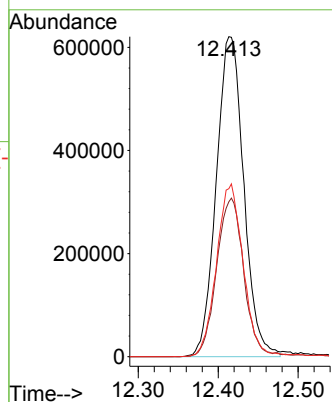
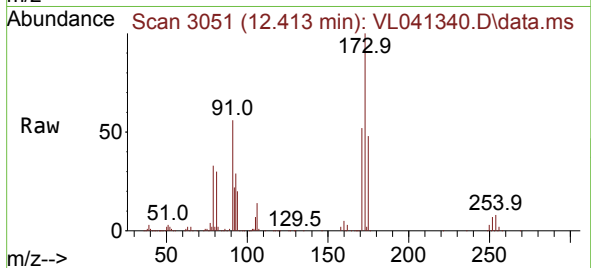
Tgt Ion:173 Resp: 1480920

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

171 53.0 42.6 63.8



#50

4-Methyl-2-Pentanone

Concen: 10.467 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VL041340.D

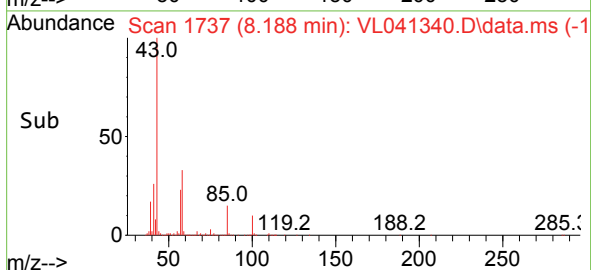
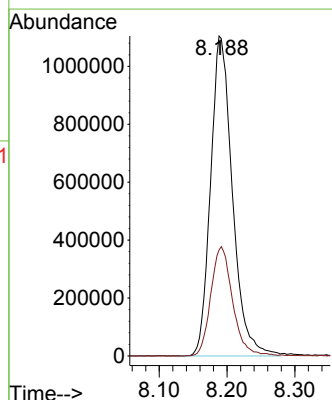
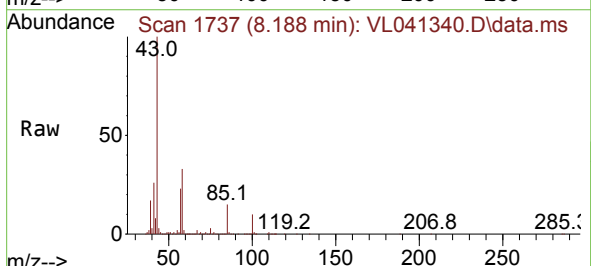
Acq: 11 Jun 2024 10:20

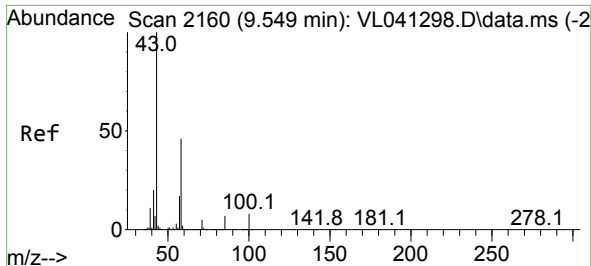
Tgt Ion: 43 Resp: 2474935

Ion Ratio Lower Upper

43 100

58 34.3 27.7 41.5

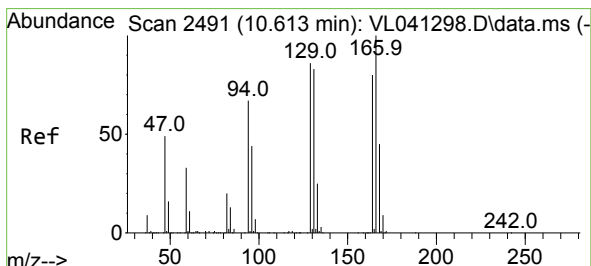
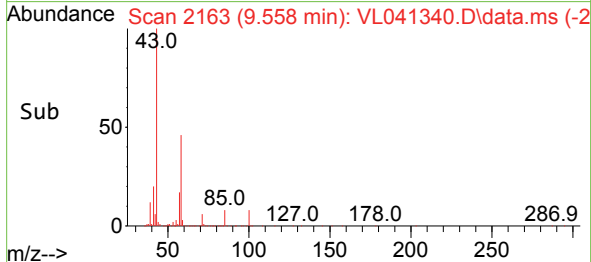
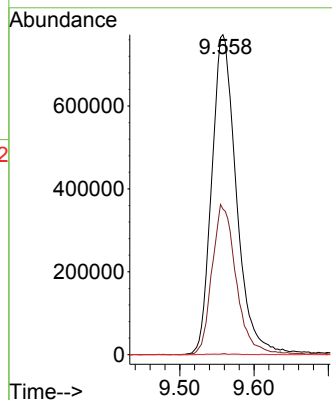
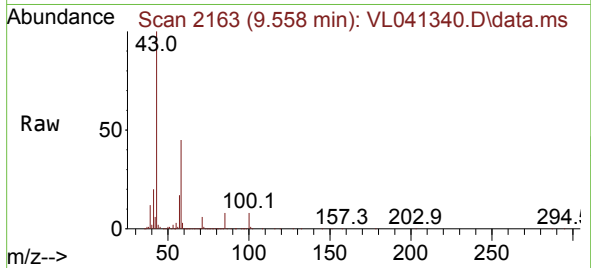




#51
2-Hexanone
Concen: 10.546 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

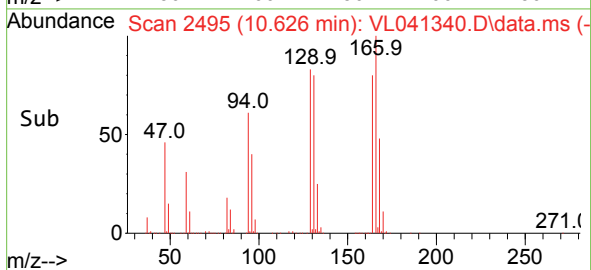
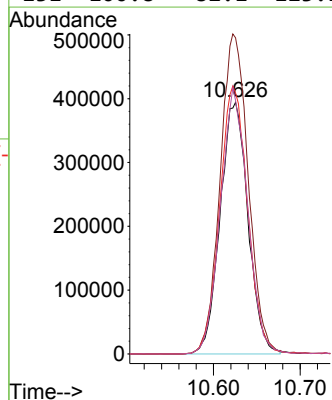
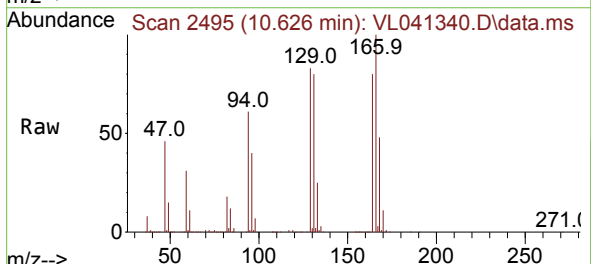
Instrument :
MSVOA_L
ClientSampleId :

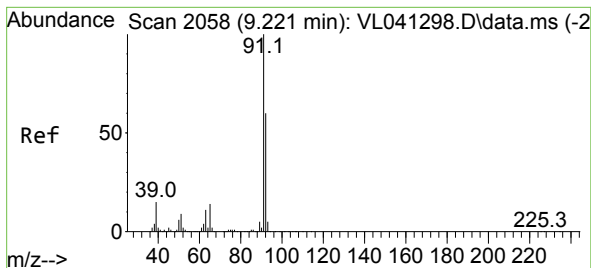
Tgt Ion: 43 Resp: 1772418
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.0
98 0.3 0.2 0.4



#52
Tetrachloroethene
Concen: 10.435 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion: 164 Resp: 879533
Ion Ratio Lower Upper
164 100
166 125.6 99.4 149.0
129 103.7 85.4 128.2
131 100.8 82.1 123.1





#53

Toluene

Concen: 10.378 ppbv

RT: 9.230 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

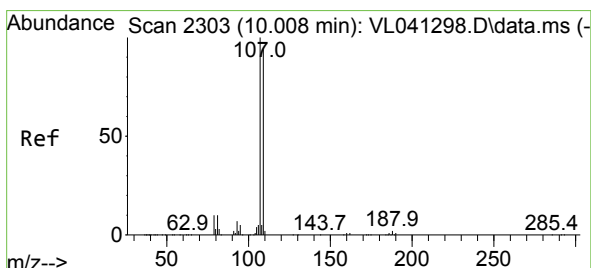
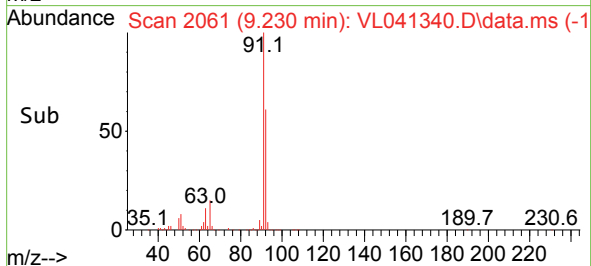
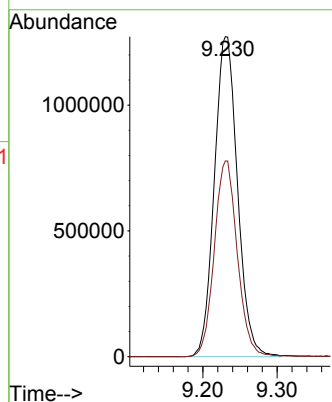
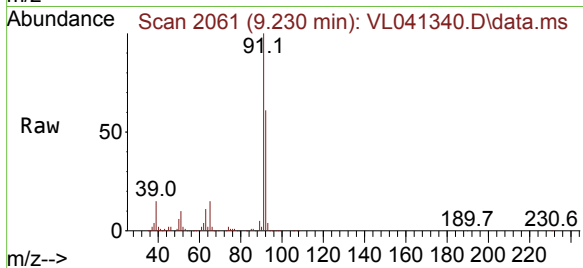
ClientSampleId :

Tgt Ion: 91 Resp: 2758859

Ion Ratio Lower Upper

91 100

92 61.0 49.2 73.8



#54

1,2-Dibromoethane

Concen: 10.806 ppbv

RT: 10.018 min Scan# 2306

Delta R.T. 0.000 min

Lab File: VL041340.D

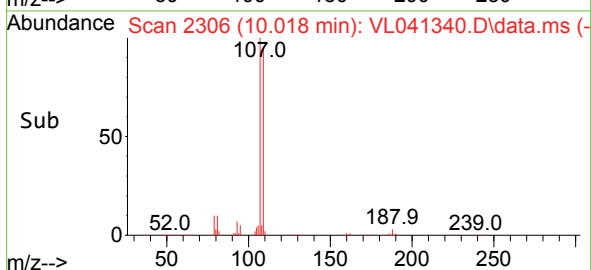
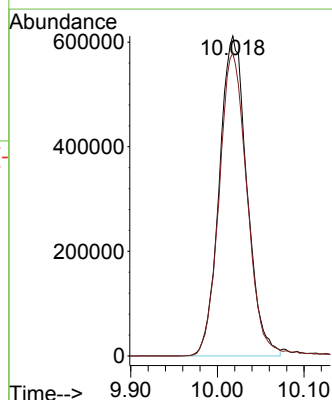
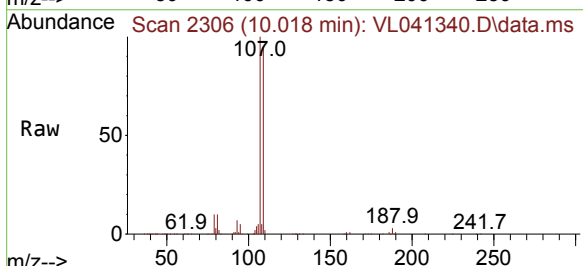
Acq: 11 Jun 2024 10:20

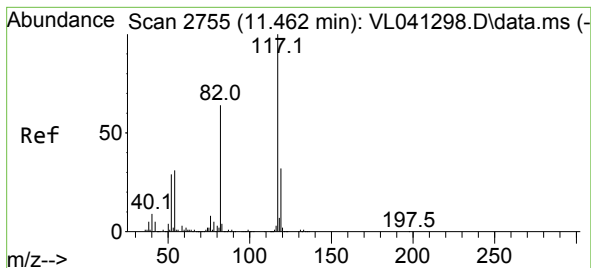
Tgt Ion: 107 Resp: 1354812

Ion Ratio Lower Upper

107 100

109 94.6 75.0 112.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

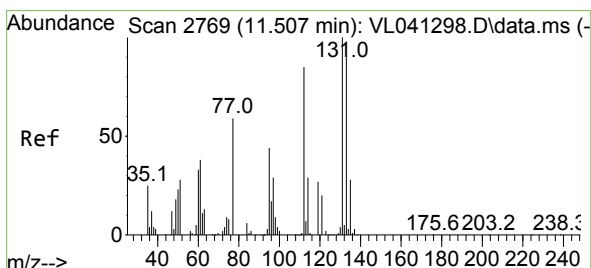
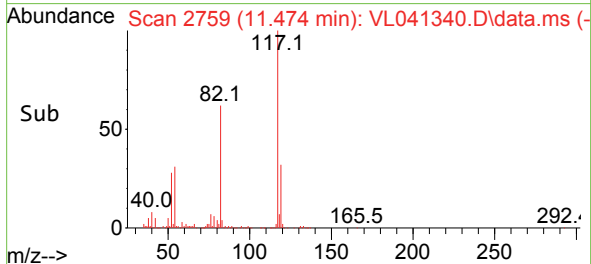
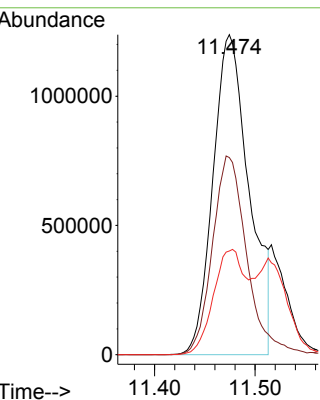
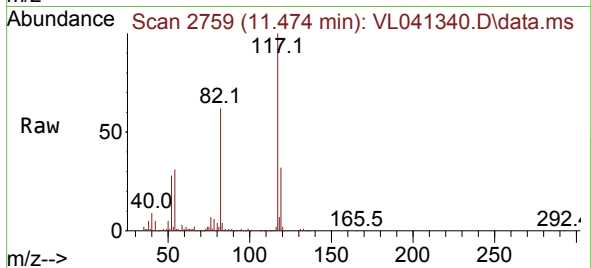
Tgt Ion:117 Resp: 3105064

Ion Ratio Lower Upper

117 100

82 59.4 52.3 78.5

119 28.5 26.2 39.2



#56

1,1,1,2-Tetrachloroethane

Concen: 9.546 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

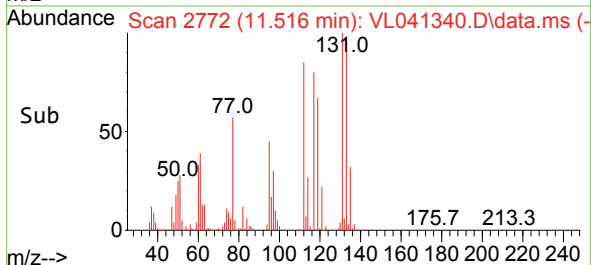
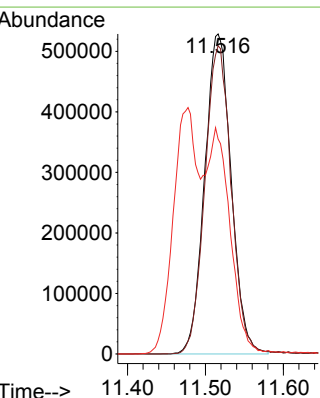
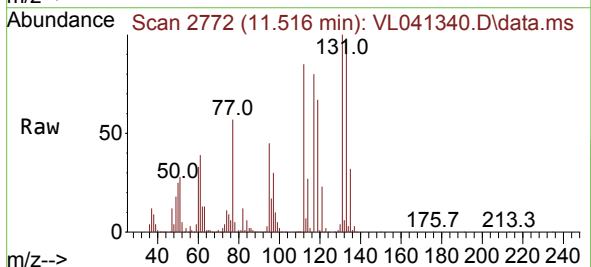
Tgt Ion:131 Resp: 1253706

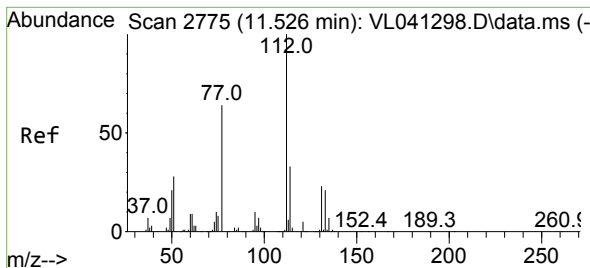
Ion Ratio Lower Upper

131 100

133 96.1 75.8 113.6

119 57.0 48.3 72.5





#57

Chlorobenzene

Concen: 9.221 ppbv

RT: 11.535 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

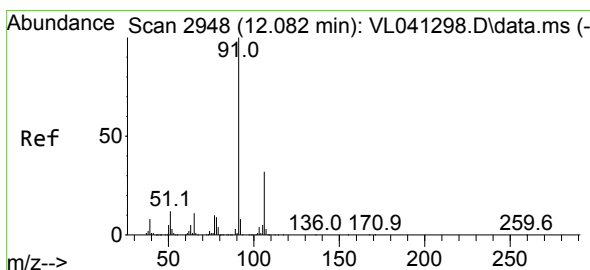
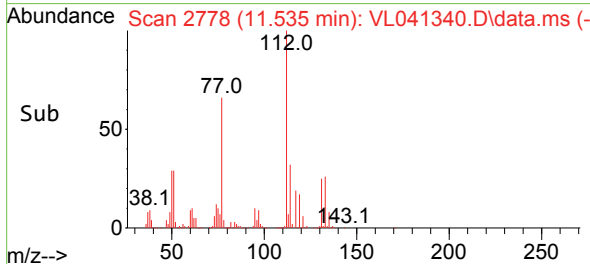
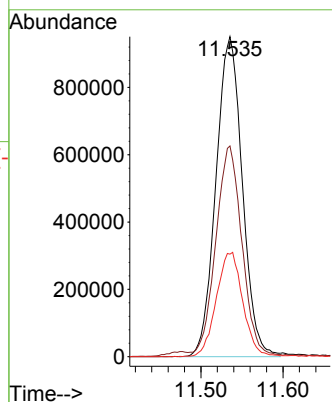
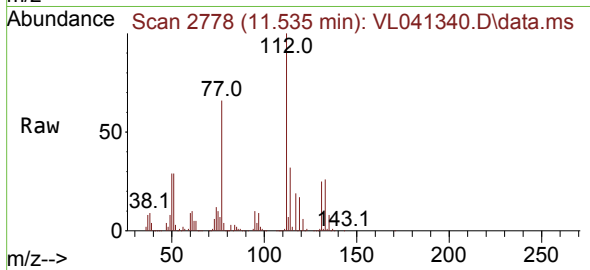
Tgt Ion:112 Resp: 2126820

Ion Ratio Lower Upper

112 100

77 65.2 52.0 78.0

114 32.0 29.8 36.4



#58

Ethyl Benzene

Concen: 9.333 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VL041340.D

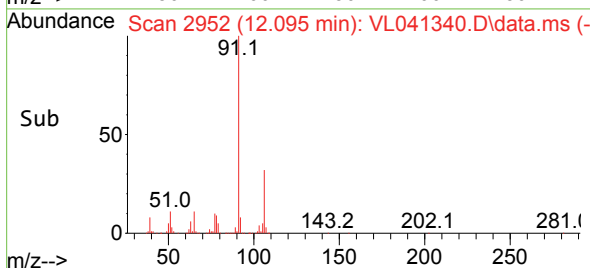
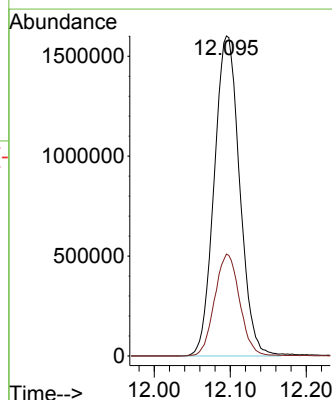
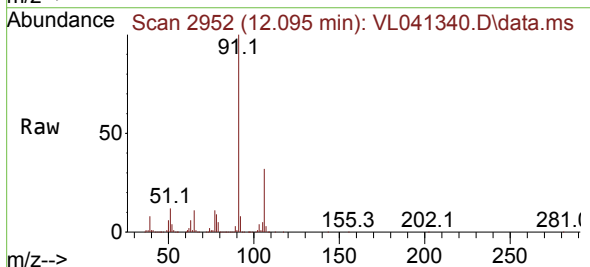
Acq: 11 Jun 2024 10:20

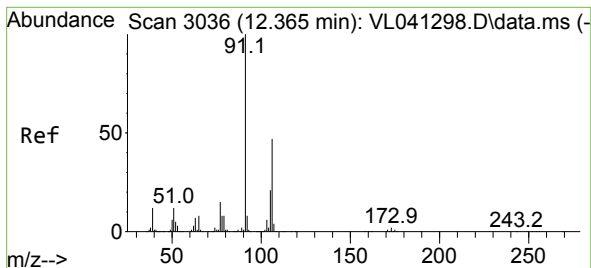
Tgt Ion: 91 Resp: 3714518

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3





#59

m/p-Xylene

Concen: 8.824 ppbv

RT: 12.378 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

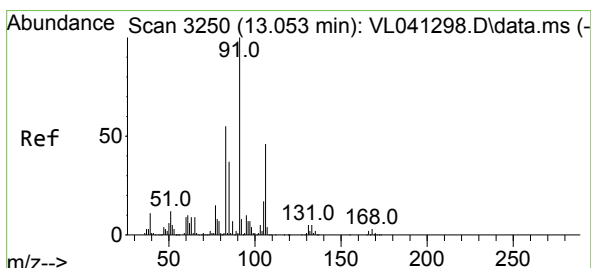
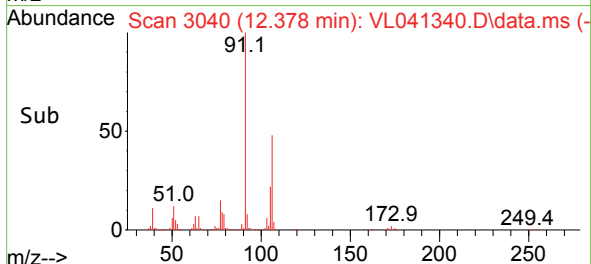
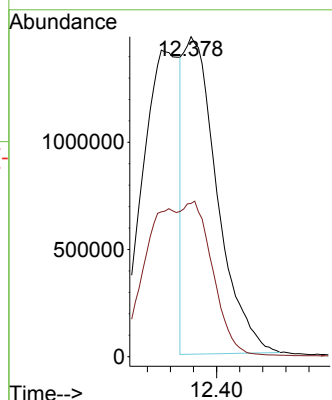
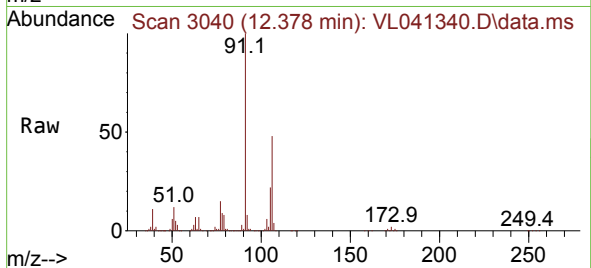
ClientSampleId :

Tgt Ion: 91 Resp: 3009068

Ion Ratio Lower Upper

91 100

106 94.1 35.7 53.5#



#60

o-Xylene

Concen: 9.174 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL041340.D

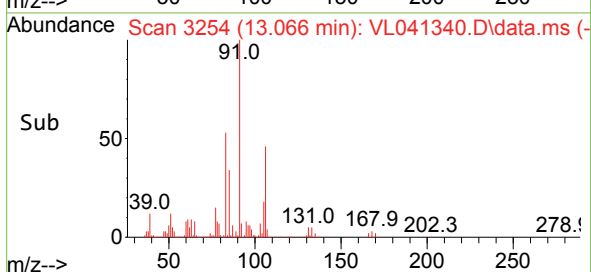
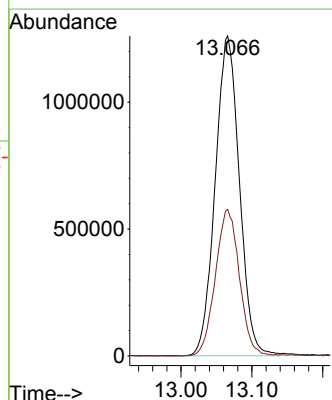
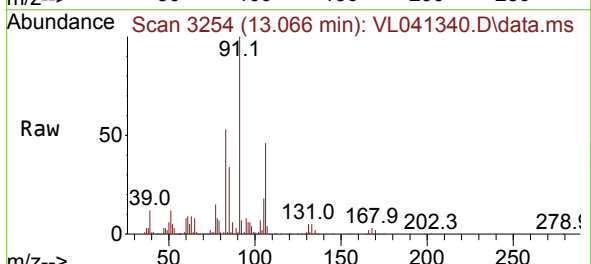
Acq: 11 Jun 2024 10:20

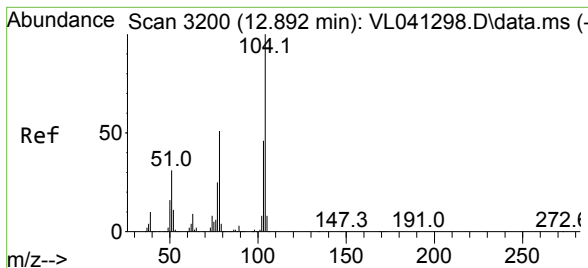
Tgt Ion: 91 Resp: 2982411

Ion Ratio Lower Upper

91 100

106 46.1 22.8 68.4





#61

Styrene

Concen: 10.181 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

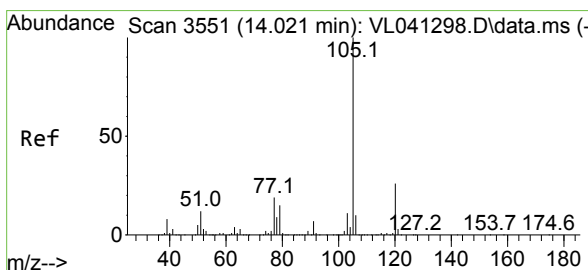
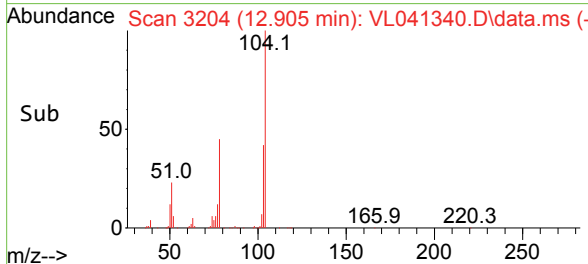
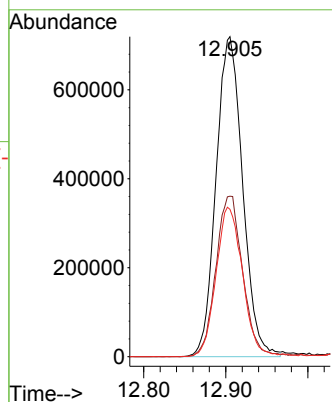
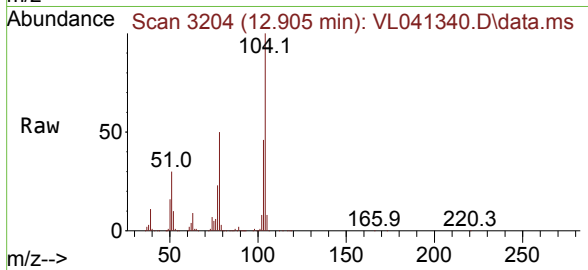
Tgt Ion:104 Resp: 1622612

Ion Ratio Lower Upper

104 100

78 50.6 42.2 63.4

103 47.1 37.9 56.9



#62

Isopropylbenzene

Concen: 9.154 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL041340.D

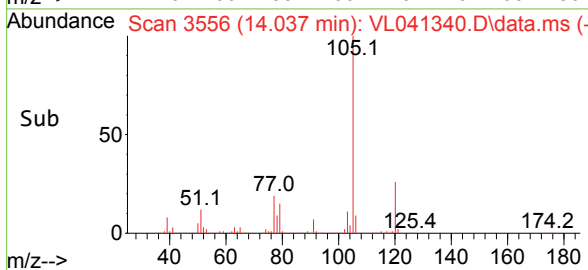
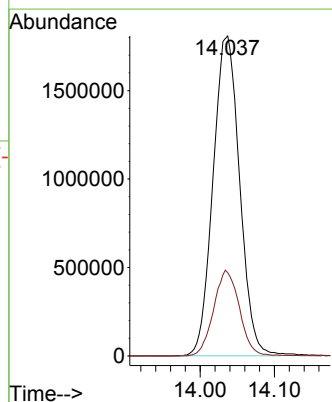
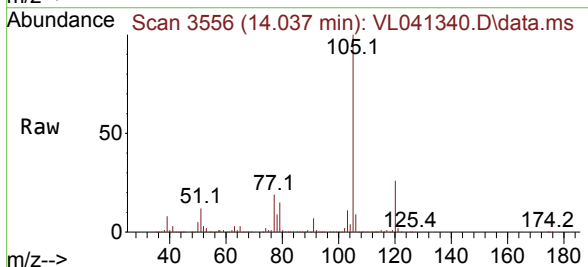
Acq: 11 Jun 2024 10:20

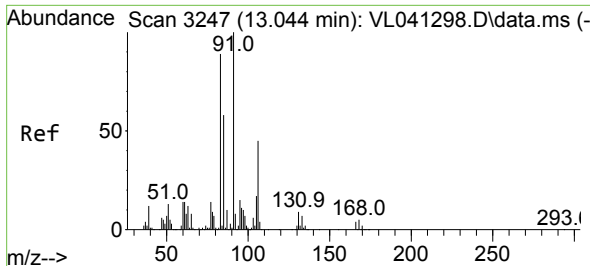
Tgt Ion:105 Resp: 4500481

Ion Ratio Lower Upper

105 100

120 26.1 20.4 30.6

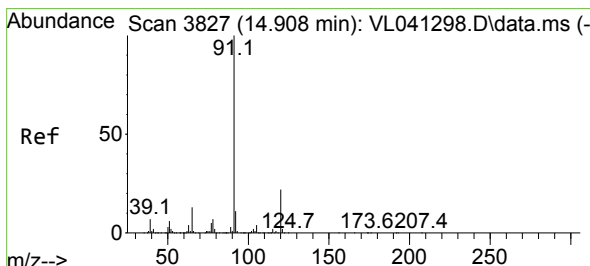
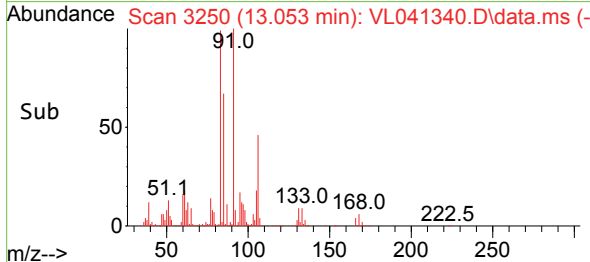
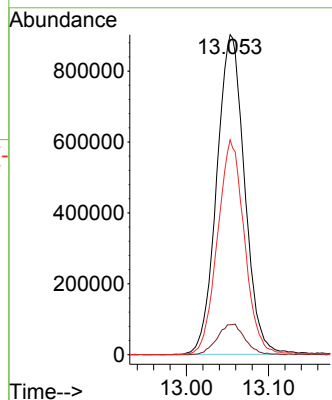
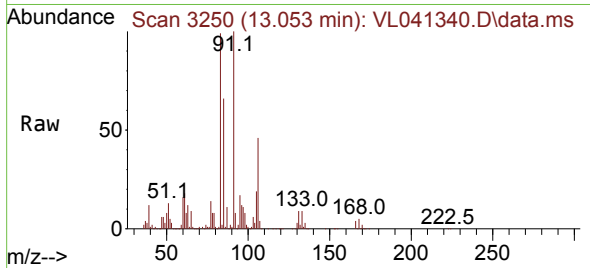




#63
1,1,2,2-Tetrachloroethane
Concen: 9.179 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

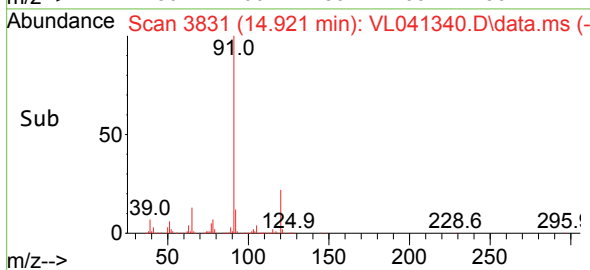
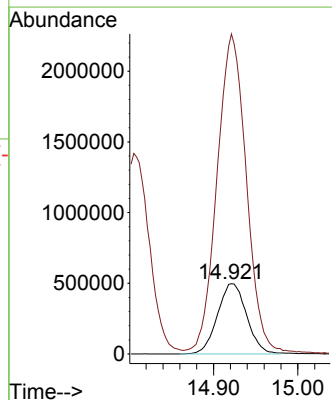
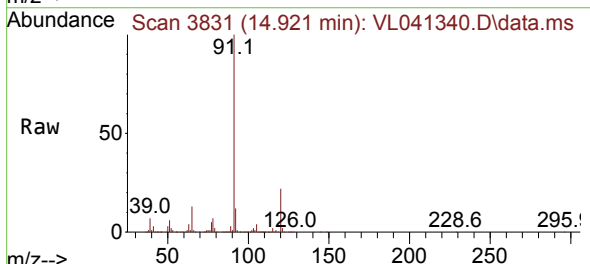
Instrument :
MSVOA_L
ClientSampleId :

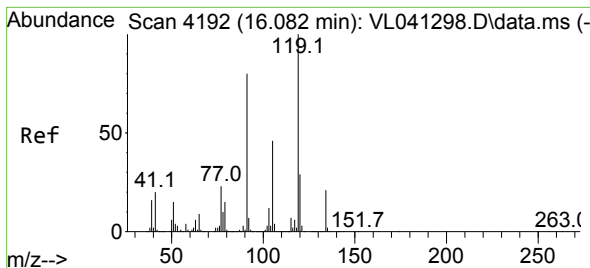
Tgt Ion: 83 Resp: 2123122
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 66.1 32.6 97.7



#64
n-propylbenzene
Concen: 9.430 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion:120 Resp: 1194980
Ion Ratio Lower Upper
120 100
91 461.1 374.2 561.2





#65

tert-Butylbenzene

Concen: 9.153 ppbv

RT: 16.095 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

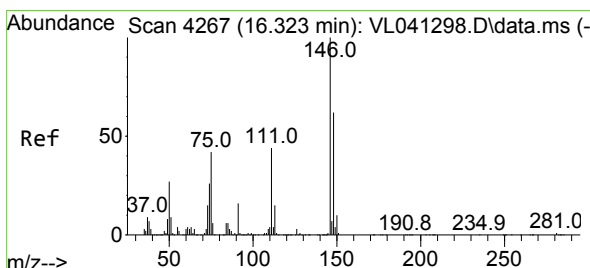
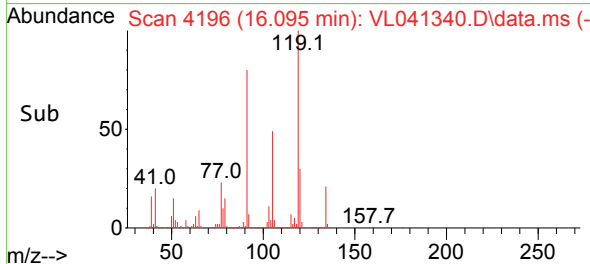
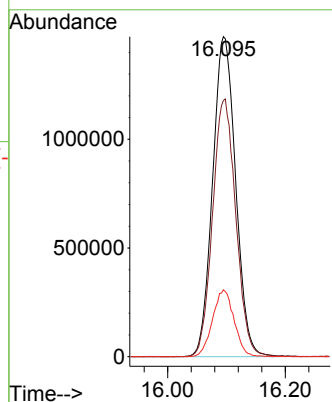
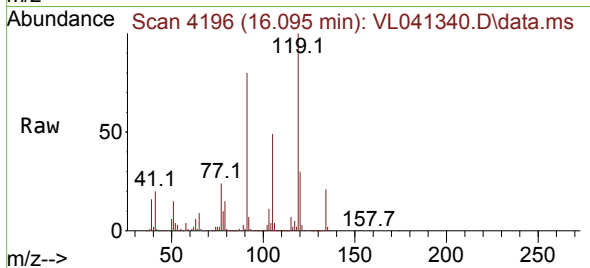
Tgt Ion:119 Resp: 4000584

Ion Ratio Lower Upper

119 100

91 81.4 66.5 99.7

134 19.6 15.7 23.5



#66

Benzyl Chloride

Concen: 10.604 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

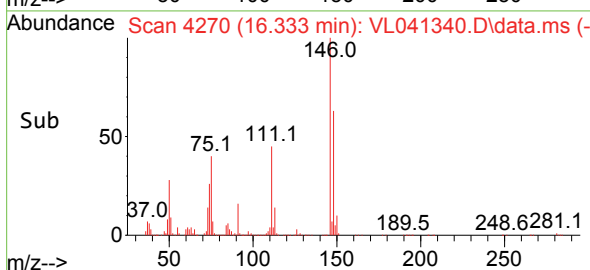
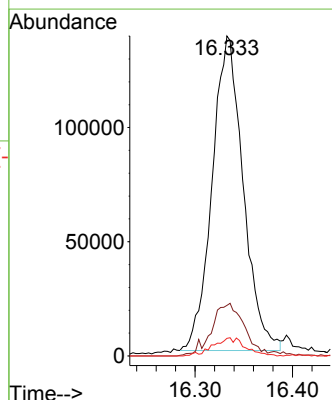
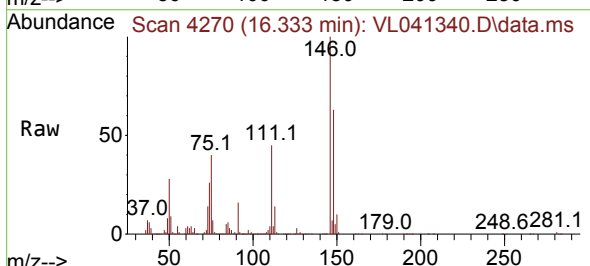
Tgt Ion: 91 Resp: 304950

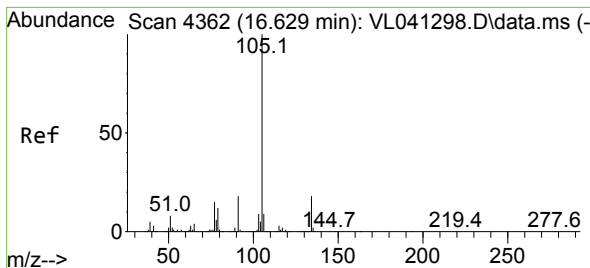
Ion Ratio Lower Upper

91 100

126 18.4 13.4 20.2

128 6.1 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.058 ppbv

RT: 16.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

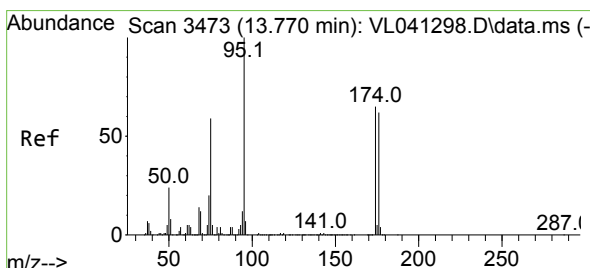
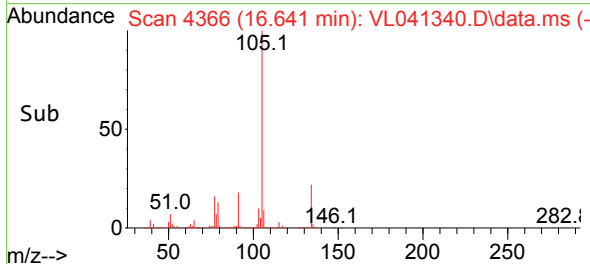
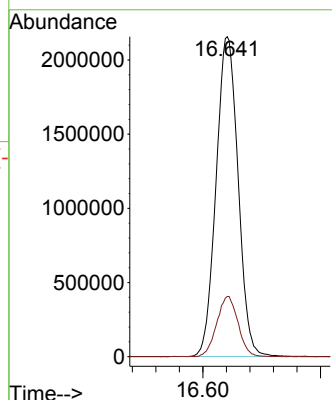
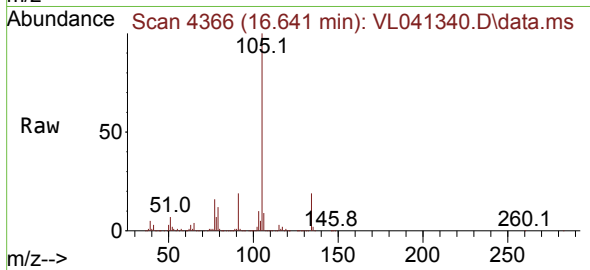
ClientSampleId :

Tgt Ion:105 Resp: 5593402

Ion Ratio Lower Upper

105 100

134 18.3 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.346 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

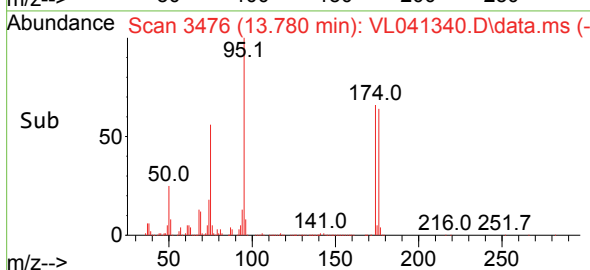
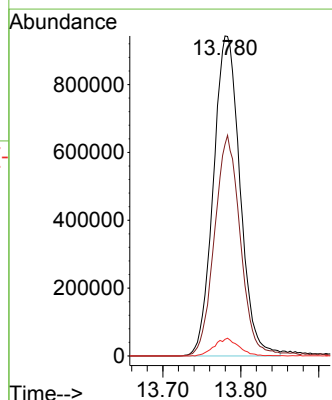
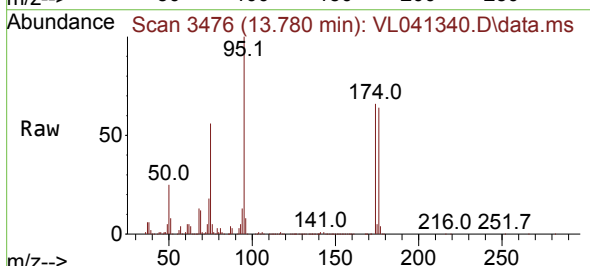
Tgt Ion: 95 Resp: 2240653

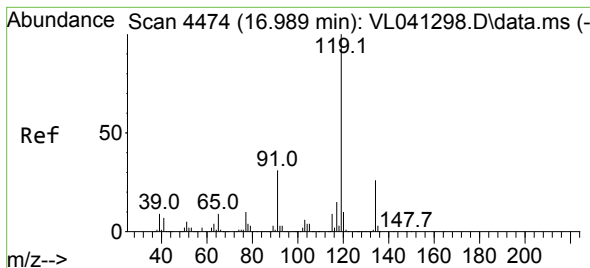
Ion Ratio Lower Upper

95 100

174 67.8 52.2 78.2

175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.248 ppbv

RT: 17.001 min Scan# 44

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

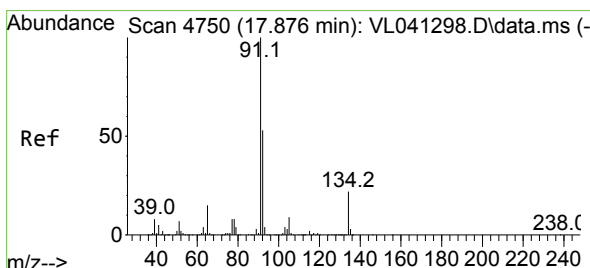
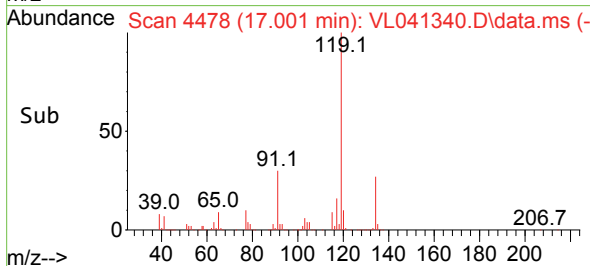
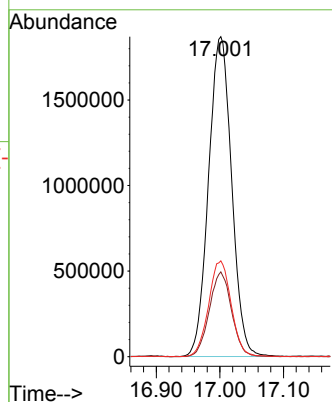
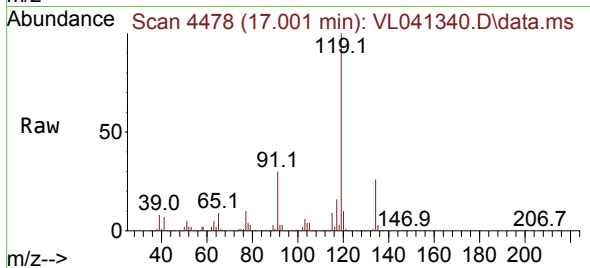
Tgt Ion:119 Resp: 4706161

Ion Ratio Lower Upper

119 100

134 25.6 20.1 30.1

91 29.2 24.1 36.1



#70

n-Butylbenzene

Concen: 9.193 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

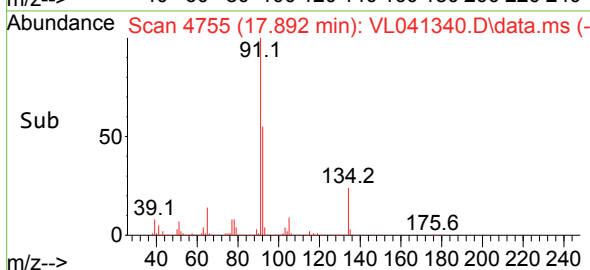
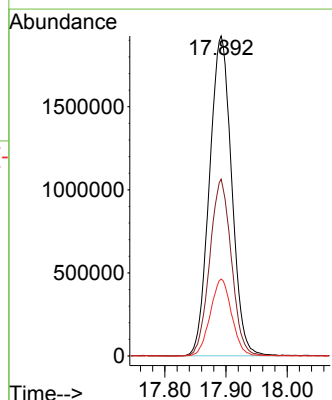
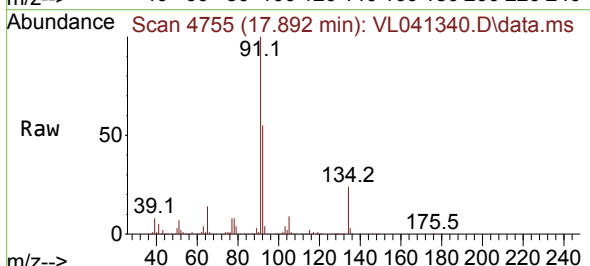
Tgt Ion: 91 Resp: 4853464

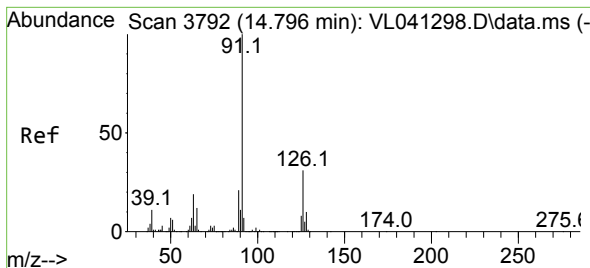
Ion Ratio Lower Upper

91 100

92 54.3 42.9 64.3

134 23.3 17.9 26.9

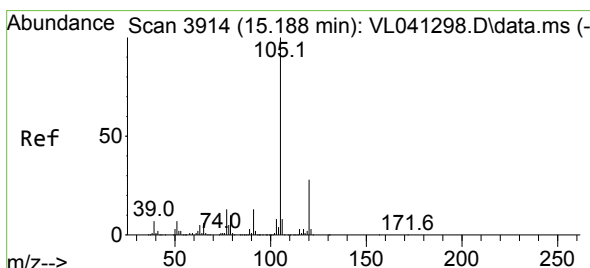
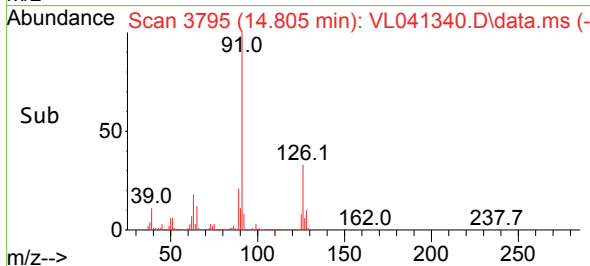
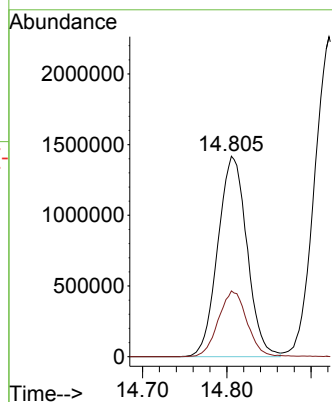
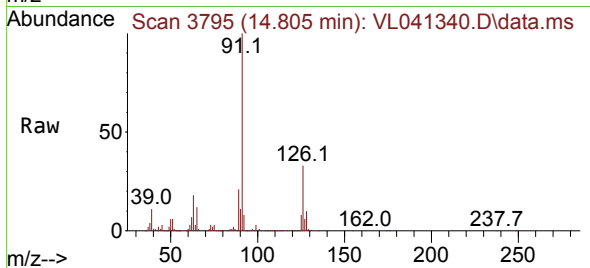




#71
2-Chlorotoluene
Concen: 9.037 ppbv
RT: 14.805 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

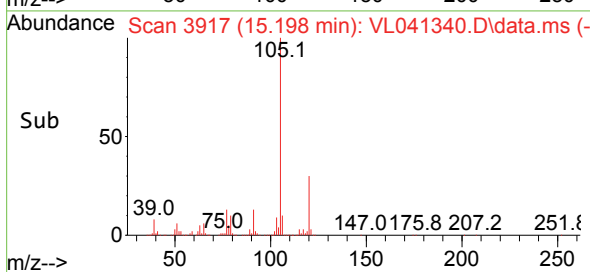
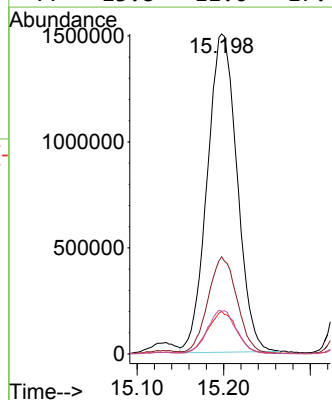
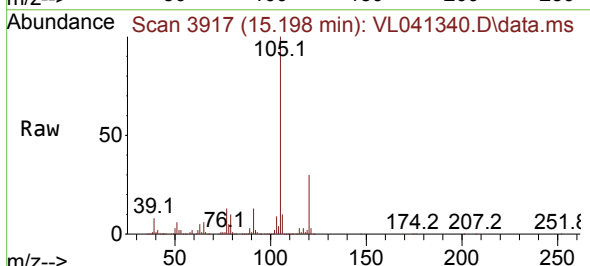
Instrument :
MSVOA_L
ClientSampleId :

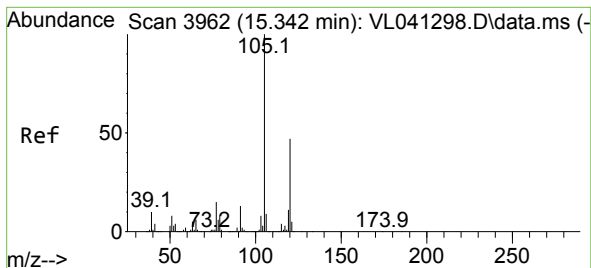
Tgt Ion: 91 Resp: 3400409
Ion Ratio Lower Upper
91 100
126 32.5 12.4 49.8



#72
4-Ethyltoluene
Concen: 9.485 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL041340.D
Acq: 11 Jun 2024 10:20

Tgt Ion:105 Resp: 3592303
Ion Ratio Lower Upper
105 100
120 30.4 23.7 35.5
91 13.0 10.6 16.0
77 13.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.556 ppbv

RT: 15.358 min Scan# 3967

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

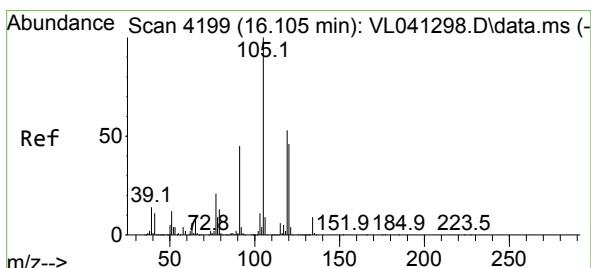
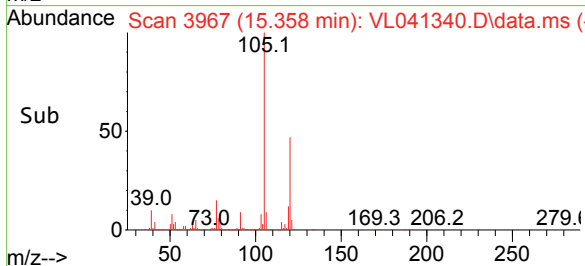
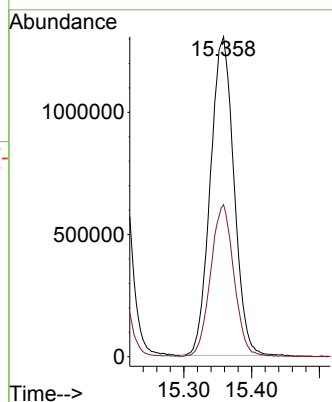
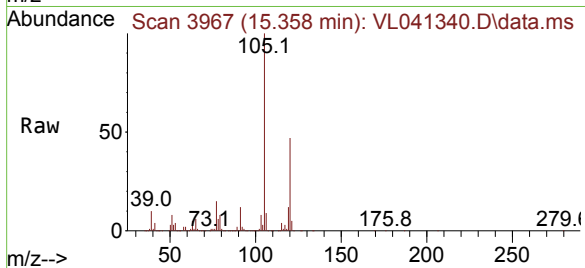
ClientSampleId :

Tgt Ion:105 Resp: 3141325

Ion Ratio Lower Upper

105 100

120 47.6 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 9.283 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Tgt Ion:105 Resp: 3450935

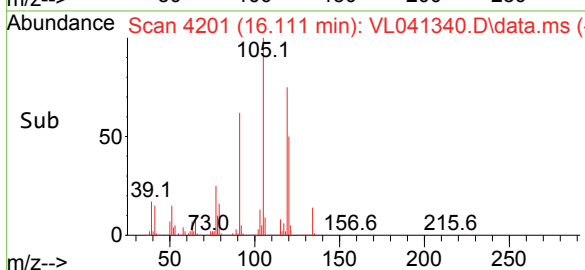
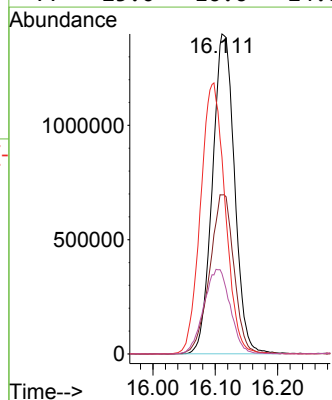
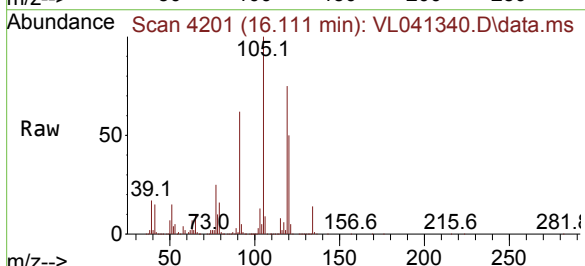
Ion Ratio Lower Upper

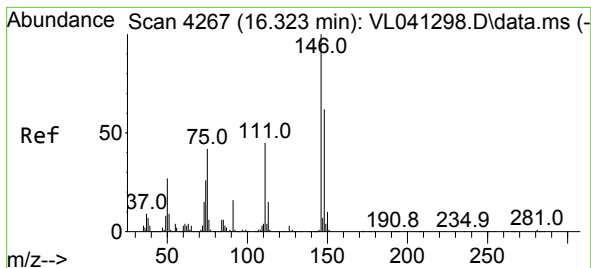
105 100

120 49.6 37.0 55.6

91 61.4 36.2 54.4#

77 25.0 16.6 24.8#





#75

1,3-Dichlorobenzene

Concen: 9.708 ppbv

RT: 16.336 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

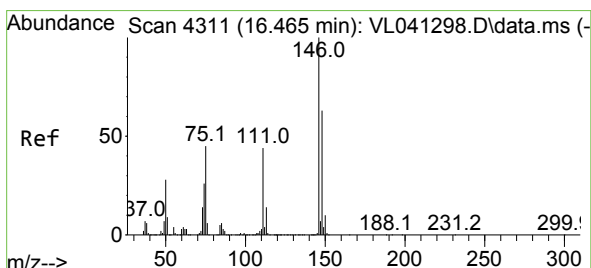
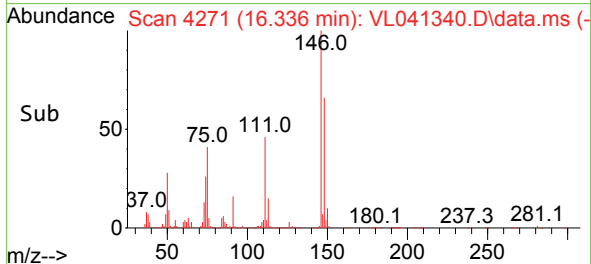
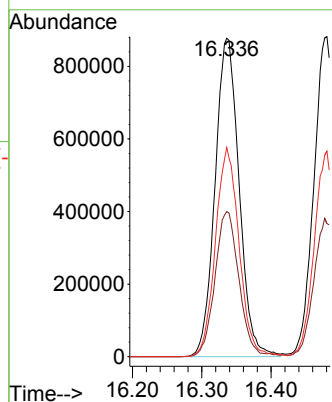
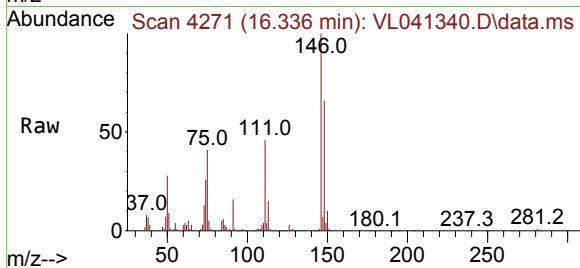
Tgt Ion:146 Resp: 2118570

Ion Ratio Lower Upper

146 100

111 45.7 23.3 69.8

148 64.5 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 9.554 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

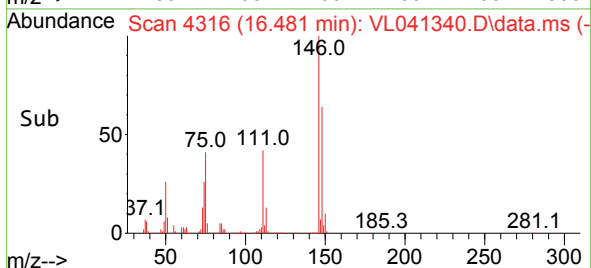
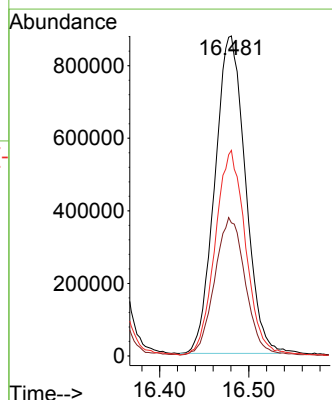
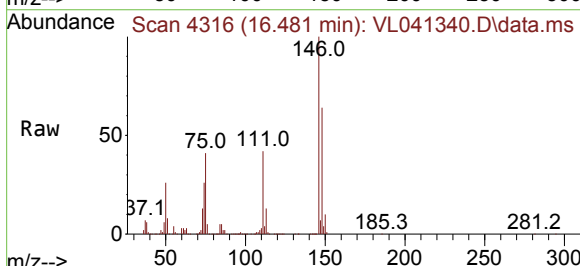
Tgt Ion:146 Resp: 2083409

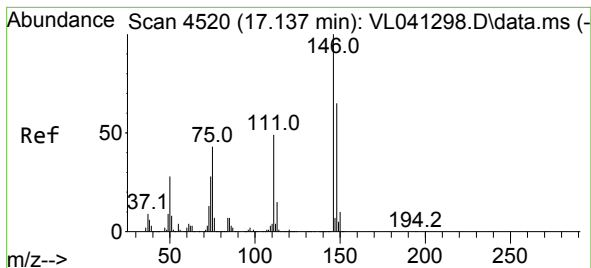
Ion Ratio Lower Upper

146 100

111 44.3 23.3 69.9

148 65.3 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.396 ppbv

RT: 17.149 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

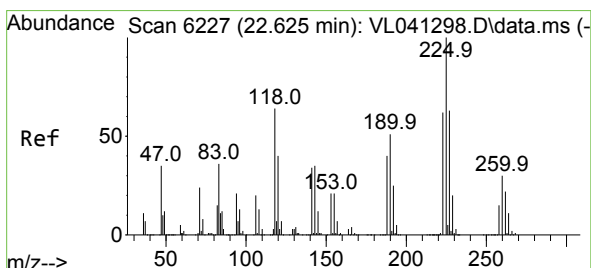
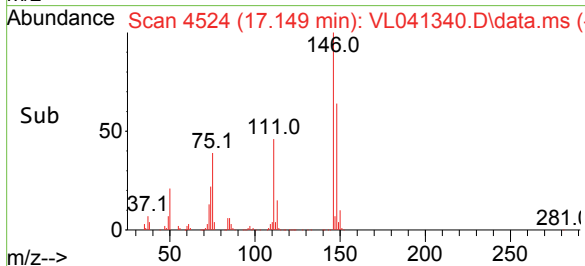
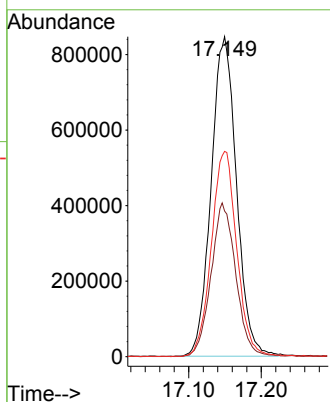
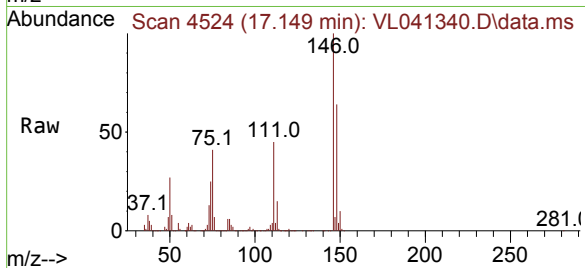
Tgt Ion:146 Resp: 2052625

Ion Ratio Lower Upper

146 100

111 47.3 24.3 72.9

148 64.6 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 8.458 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

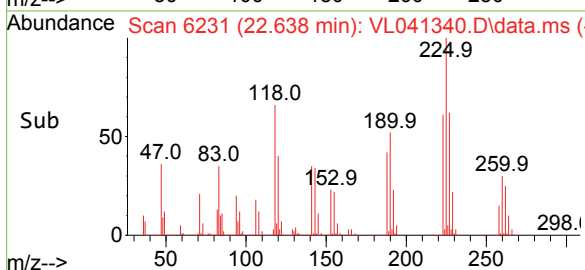
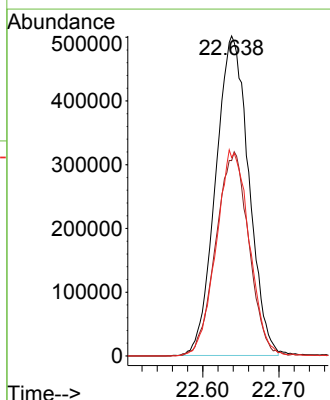
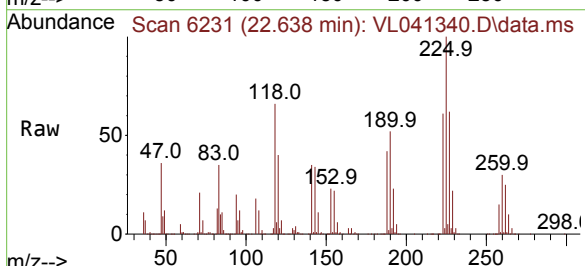
Tgt Ion:225 Resp: 1514210

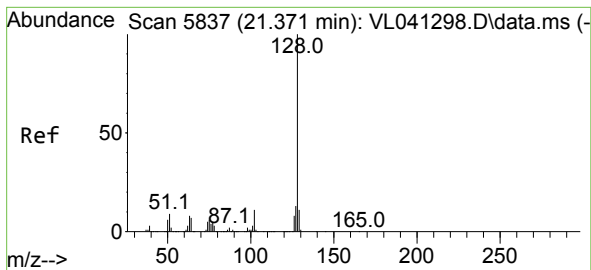
Ion Ratio Lower Upper

225 100

223 64.1 51.0 76.6

227 64.8 51.1 76.7





#79

Naphthalene

Concen: 11.330 ppbv

RT: 21.387 min Scan# 5842

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

Instrument :

MSVOA_L

ClientSampleId :

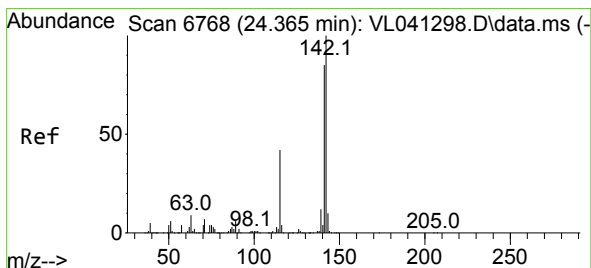
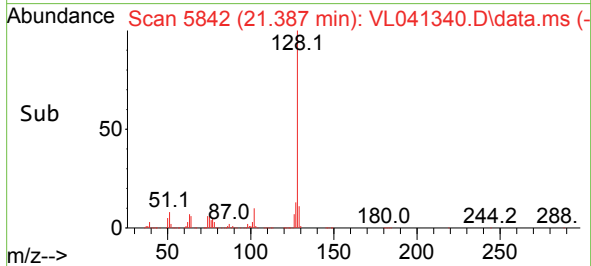
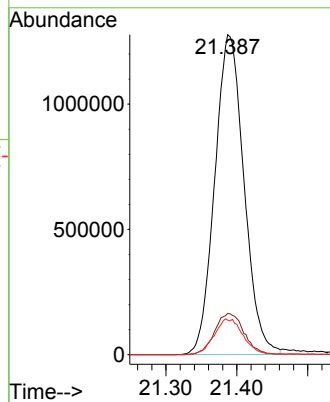
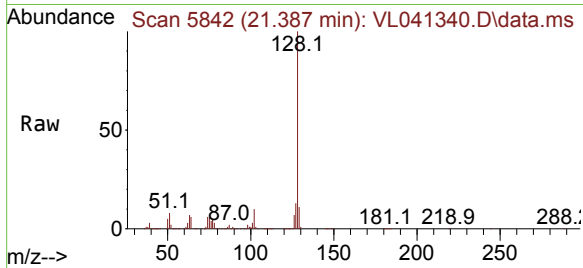
Tgt Ion:128 Resp: 3654870

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 9.688 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. 0.000 min

Lab File: VL041340.D

Acq: 11 Jun 2024 10:20

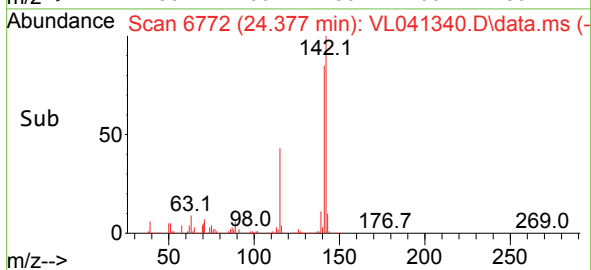
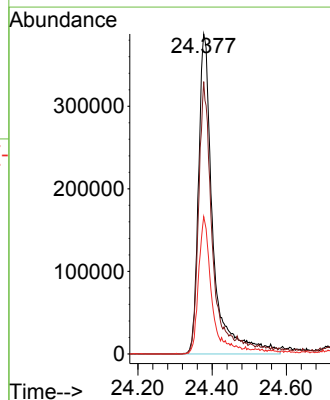
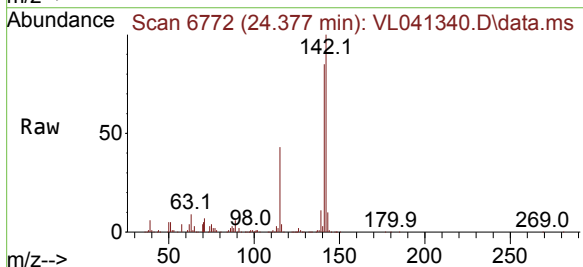
Tgt Ion:142 Resp: 1055350

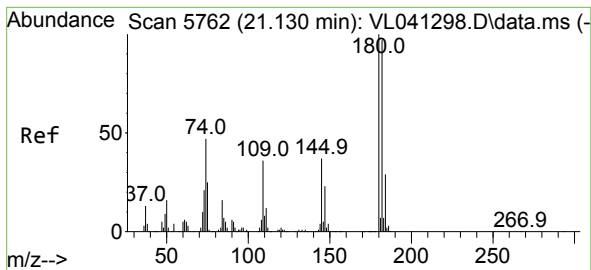
Ion Ratio Lower Upper

142 100

141 83.3 68.5 102.7

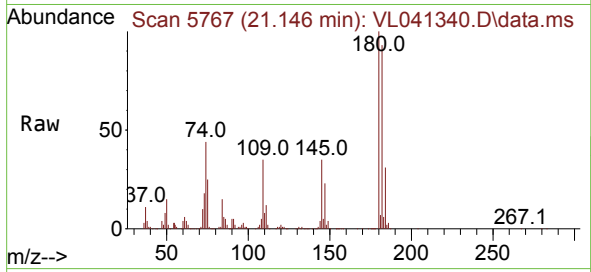
115 39.7 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.009 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041340.D
 Acq: 11 Jun 2024 10:20

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1800394
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.0 115.6
 184 31.1 0.0 0.0#

