

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041106.D
 Acq On : 14 Mar 2024 14:28
 Operator : SY/MD
 Sample : VL0314ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

Quant Time: Mar 15 02:46:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1333727	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3377968	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	4030375	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2581163	8.191	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	1882217	7.406	ppbv	99
3) Chlorodifluoromethane	2.658	51	1949940	9.955	ppbv	99
4) Chloromethane	2.800	50	729774	9.844	ppbv	99
5) Vinyl Chloride	2.906	62	759475	10.067	ppbv	99
6) Bromomethane	3.105	94	230138	7.693	ppbv	95
7) Chloroethane	3.182	64	269744	10.297	ppbv	91
8) Dichlorotetrafluoroethane	2.842	85	1883160	10.204	ppbv	97
9) Propene	2.681	41	655304	10.045	ppbv	99
10) Heptane	7.574	43	1646032	10.546	ppbv	98
11) Trichlorofluoromethane	3.549	101	1932419	9.861	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1376321	9.552	ppbv	98
13) Ethanol	3.227	45	146311	8.416	ppbv	99
14) Bromoethene	3.353	108	573973	10.217	ppbv	100
15) Acetone	3.452	43	1370728	9.021	ppbv	99
16) 1,3-Butadiene	2.970	39	726733	10.544	ppbv	100
17) tert-Butyl alcohol	3.864	59	1350196	12.001	ppbv	99
18) 1,1-Dichloroethene	3.867	96	599686	9.536	ppbv	98
19) Isopropyl Alcohol	3.562	45	938664	11.565	ppbv	100
20) Methylene Chloride	3.922	84	514939	8.693	ppbv	94
21) Allyl Chloride	3.983	41	818638	9.539	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	631573	8.603	ppbv	98
23) Vinyl Acetate	4.616	43	1468203	8.539	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1258931	8.105	ppbv	100
25) Ethyl Acetate	5.195	43	2778251	10.149	ppbv	99
26) Hexane	5.202	57	1179829	9.643	ppbv	96
27) Carbon Disulfide	4.112	76	1497504	10.210	ppbv	99
28) Methyl tert-Butyl Ether	4.575	73	866117	8.006	ppbv	98
29) Chloroform	5.266	83	2045285	9.816	ppbv	97
30) Cyclohexane	6.591	84	1007715	9.939	ppbv	98
31) cis-1,2-Dichloroethene	5.070	61	1207716	10.140	ppbv	96
32) 1,1,1-Trichloroethane	5.996	97	2004912	10.625	ppbv	99
34) 2-Butanone	4.774	43	1391077	8.317	ppbv	99
35) Carbon Tetrachloride	6.488	117	2119134	10.735	ppbv	99
36) Benzene	6.362	78	2559214	10.178	ppbv	100
37) 1,2-Dichloroethane	5.800	62	1540049	10.180	ppbv	99
38) Trichloroethene	7.285	130	1025303	11.227	ppbv	94
39) 1,2-Dichloropropane	7.066	63	1002487	9.967	ppbv	98
40) 1,4-Dioxane	7.282	88	410147	10.357	ppbv	98
41) Tetrahydrofuran	5.546	42	1042720	10.475	ppbv	100
42) Bromodichloromethane	7.240	83	2276797	10.505	ppbv	96
43) Methyl Methacrylate	7.468	69	1068736	10.988	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	4251410	10.125	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	563224	8.413	ppbv	99

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

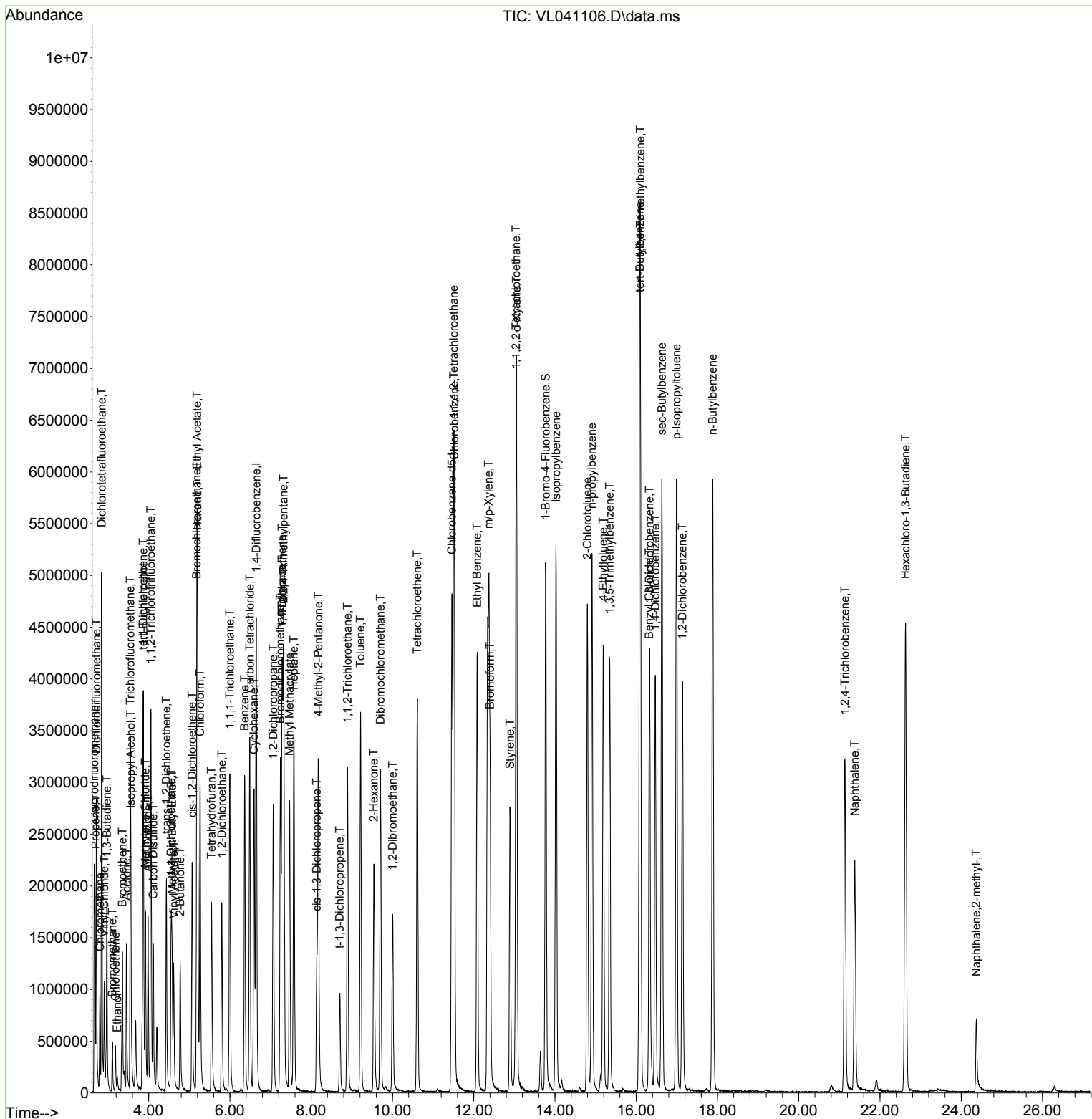
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 ClientSampleId :
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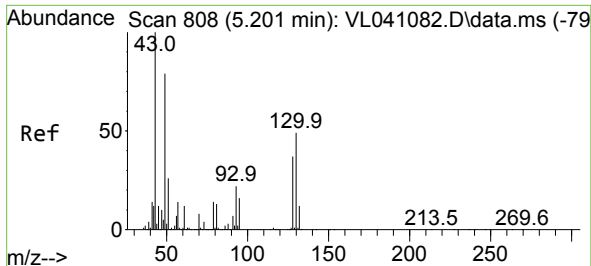
Quant Time: Mar 15 02:46:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	743787	8.846	ppbv	97
47) 1,1,2-Trichloroethane	8.893	97	1103861	10.289	ppbv	98
48) Dibromochloromethane	9.706	129	1893112	10.826	ppbv	99
49) Bromoform	12.404	173	1541938	11.086	ppbv	98
50) 4-Methyl-2-Pentanone	8.176	43	2754212	11.165	ppbv	98
51) 2-Hexanone	9.542	43	2055646	11.377	ppbv	99
52) Tetrachloroethene	10.613	164	871172	11.170	ppbv	95
53) Toluene	9.214	91	2944328	10.863	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1440451	10.440	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	1369875	7.944	ppbv	95
57) Chlorobenzene	11.523	112	2279665	8.024	ppbv	98
58) Ethyl Benzene	12.086	91	4015812	8.510	ppbv	97
59) m/p-Xylene	12.368	91	3623733	8.749	ppbv #	38
60) o-Xylene	13.053	91	3312737	8.424	ppbv	99
61) Styrene	12.896	104	1672485	9.418	ppbv	100
62) Isopropylbenzene	14.028	105	4810334	8.234	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	2505133	8.475	ppbv	100
64) n-propylbenzene	14.912	120	1263589	8.596	ppbv	100
65) tert-Butylbenzene	16.089	119	4237016	8.344	ppbv	100
66) Benzyl Chloride	16.320	91	88561	2.574	ppbv #	67
67) sec-Butylbenzene	16.632	105	6084831	8.331	ppbv	100
69) p-Isopropyltoluene	16.989	119	4875362	8.557	ppbv	100
70) n-Butylbenzene	17.883	91	5286224	8.585	ppbv	99
71) 2-Chlorotoluene	14.799	91	3758083	8.410	ppbv	99
72) 4-Ethyltoluene	15.188	105	3831850	8.850	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3334060	8.701	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	3687689	8.427	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	2110136	8.443	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	2053617	8.155	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	2053961	8.411	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	1215817	7.072	ppbv	99
79) Naphthalene	21.378	128	2840414	11.208	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	503806	12.402	ppbv	92
81) 1,2,4-Trichlorobenzene	21.137	180	1391162	9.532	ppbv	99

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

Quant Time: Mar 15 02:46:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
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QLast Update : Fri Mar 15 02:44:43 2024
Response via : Initial Calibration

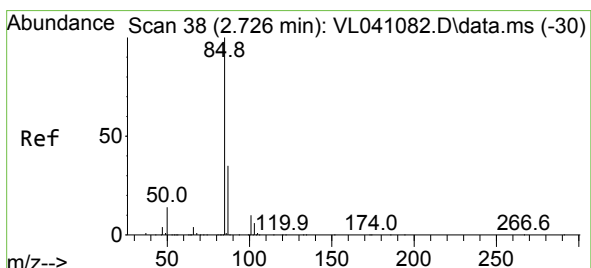
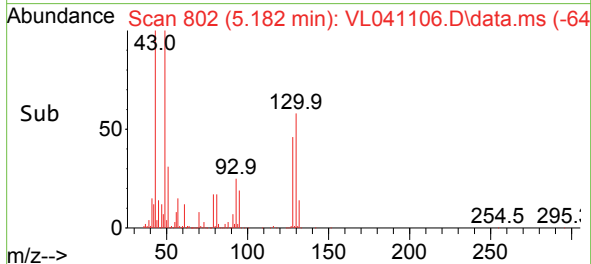
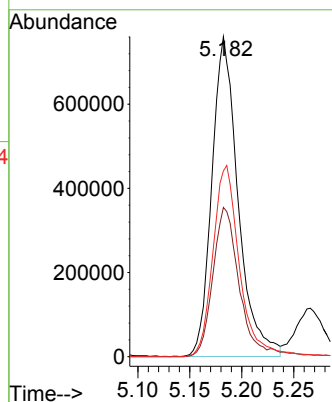
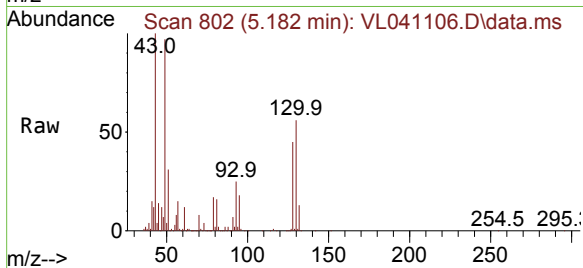




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

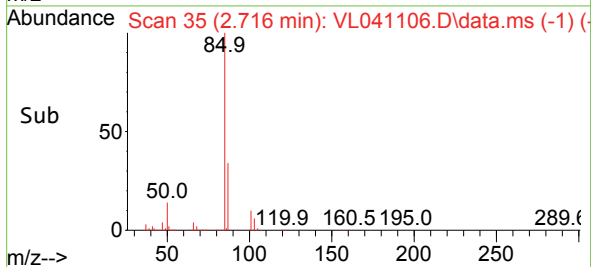
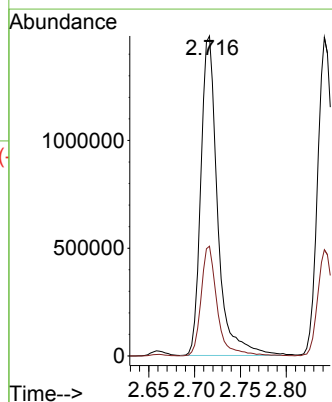
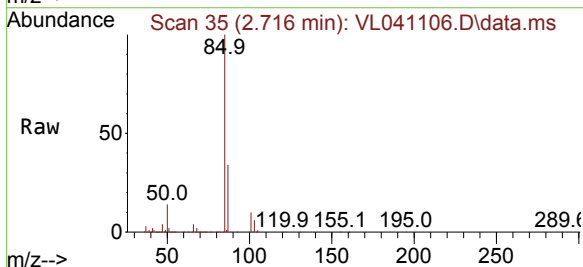
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

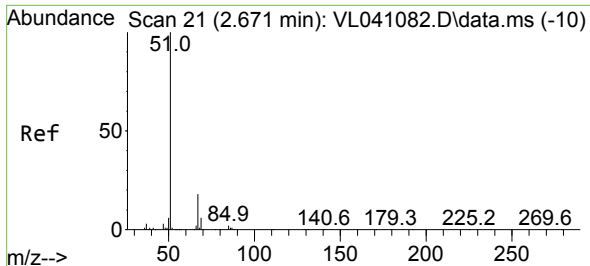
Tgt Ion: 49 Resp: 1333727
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.5
130 61.3 30.3 90.9



#2
Dichlorodifluoromethane
Concen: 7.406 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 85 Resp: 1882217
Ion Ratio Lower Upper
85 100
87 34.3 28.1 42.1

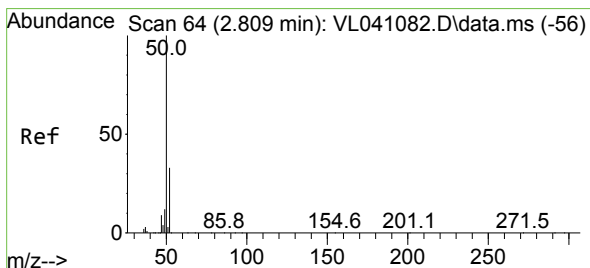
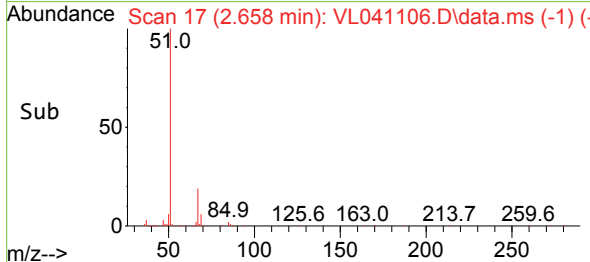
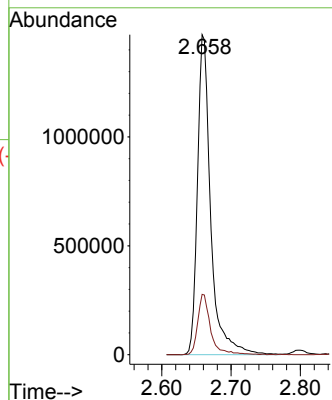
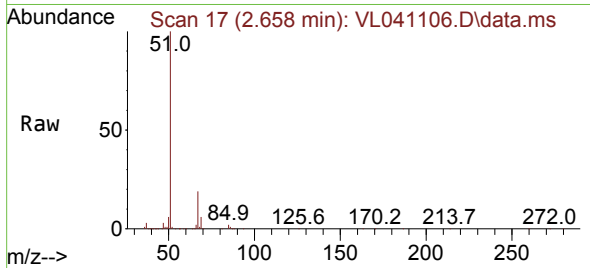




#3
Chlorodifluoromethane
Concen: 9.955 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

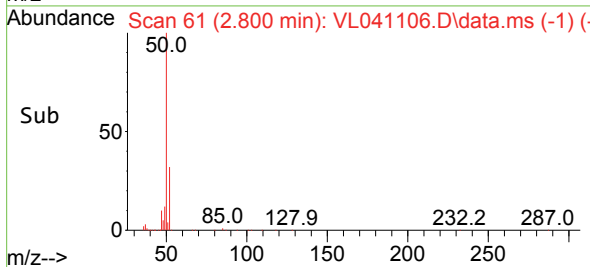
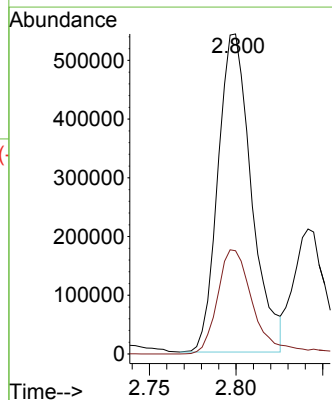
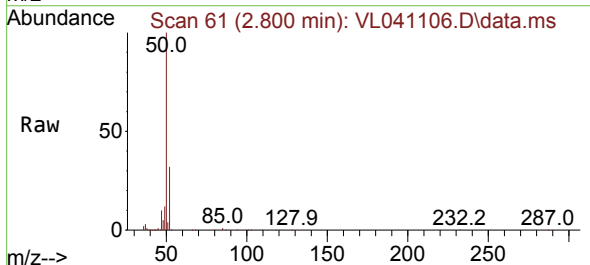
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MSVOA_L
ClientSampleId :
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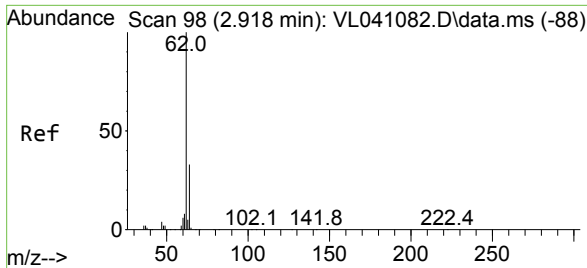
Tgt Ion: 51 Resp: 1949940
Ion Ratio Lower Upper
51 100
67 18.4 14.5 21.7



#4
Chloromethane
Concen: 9.844 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 50 Resp: 729774
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0

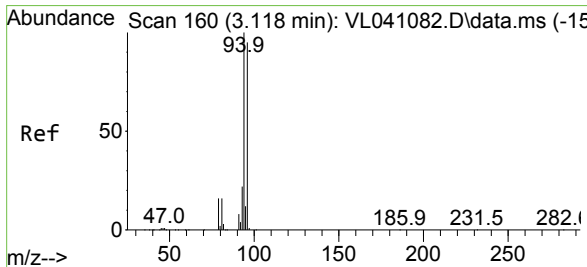
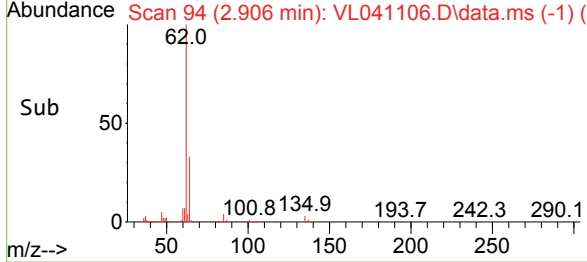
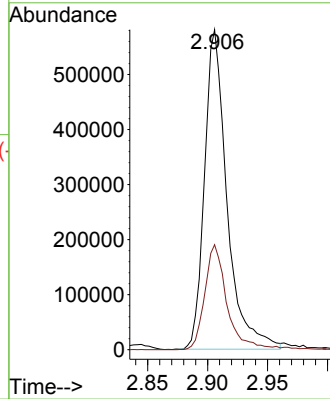
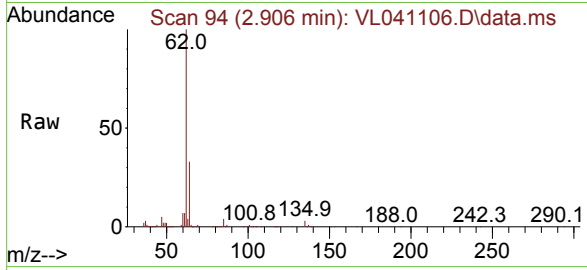




#5
 Vinyl Chloride
 Concen: 10.067 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

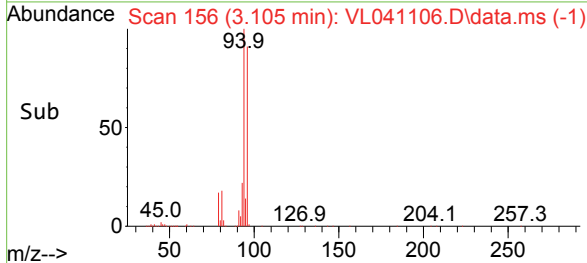
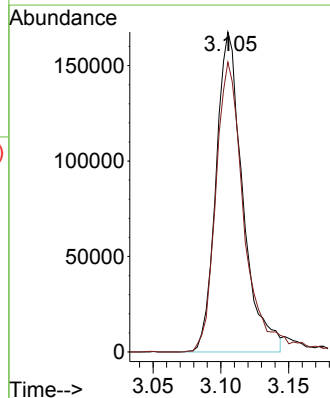
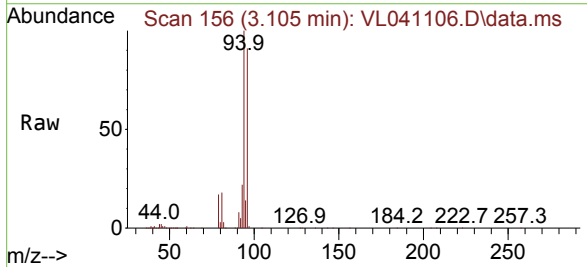
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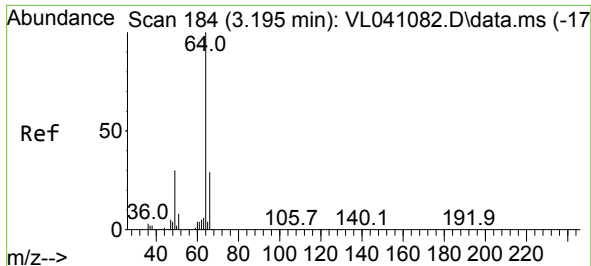
Tgt Ion: 62 Resp: 759475
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.5 39.7



#6
 Bromomethane
 Concen: 7.693 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Tgt Ion: 94 Resp: 230138
 Ion Ratio Lower Upper
 94 100
 96 90.5 76.0 114.0

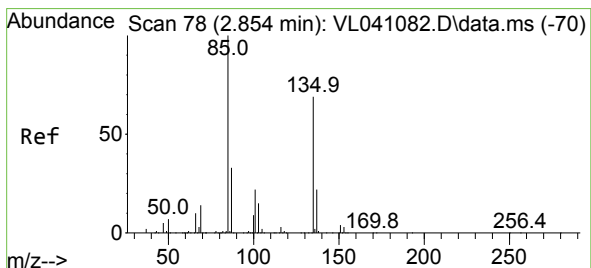
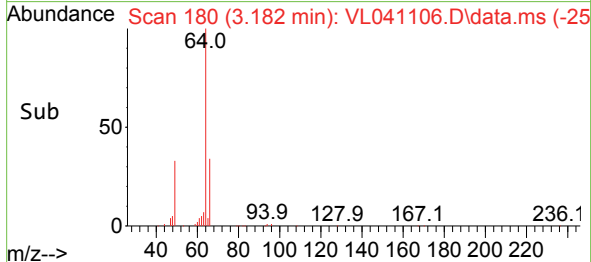
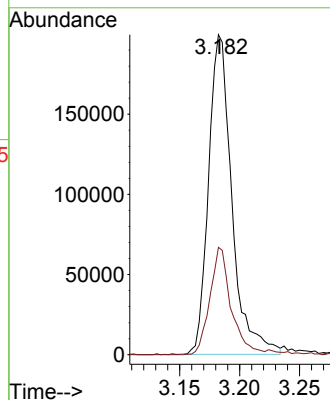
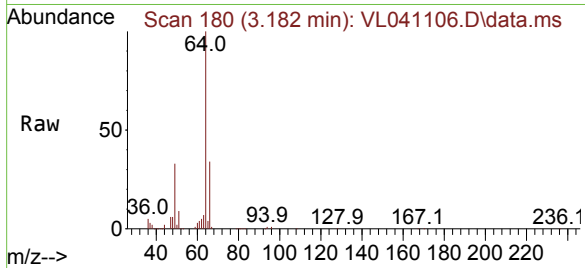




#7
Chloroethane
Concen: 10.297 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

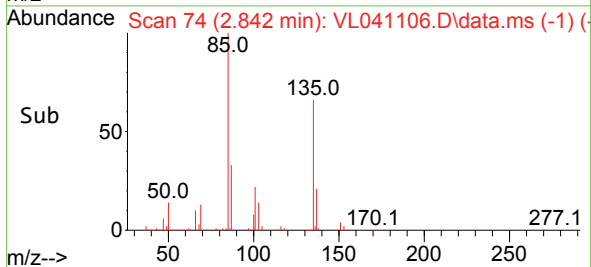
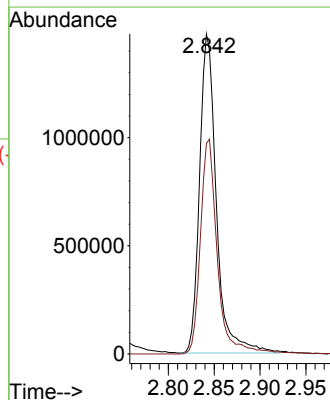
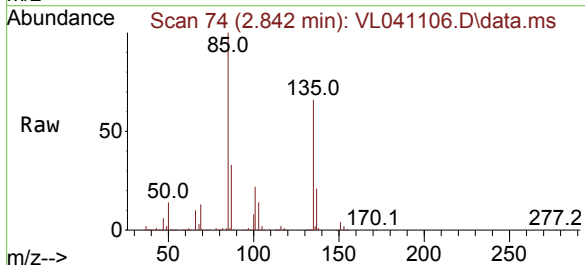
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ClientSampleId :
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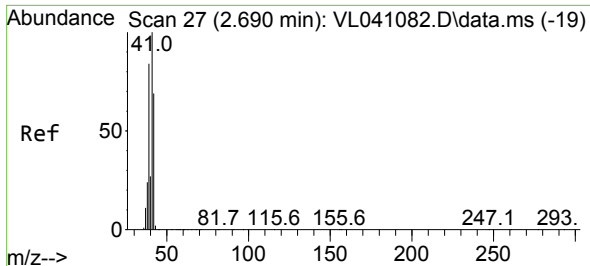
Tgt Ion: 64 Resp: 269744
Ion Ratio Lower Upper
64 100
66 33.6 23.2 34.8



#8
Dichlorotetrafluoroethane
Concen: 10.204 ppbv
RT: 2.842 min Scan# 74
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 85 Resp: 1883160
Ion Ratio Lower Upper
85 100
135 68.3 56.7 85.1

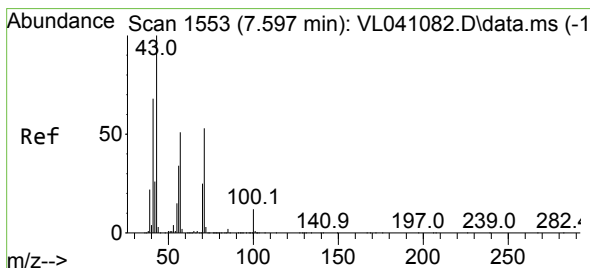
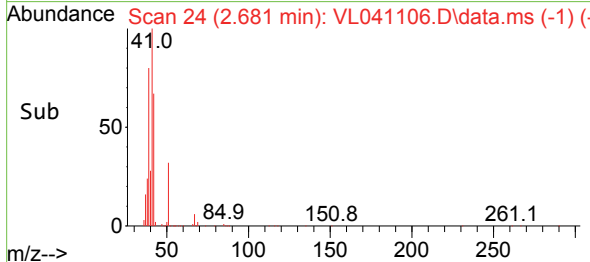
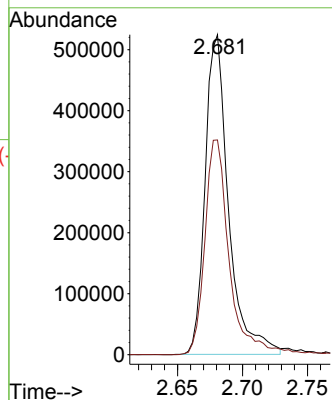
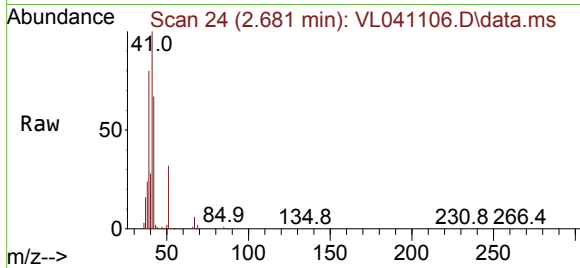




#9
 Propene
 Concen: 10.045 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

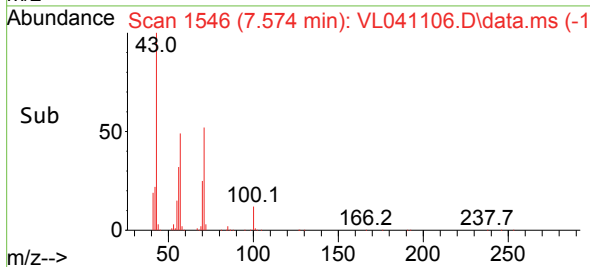
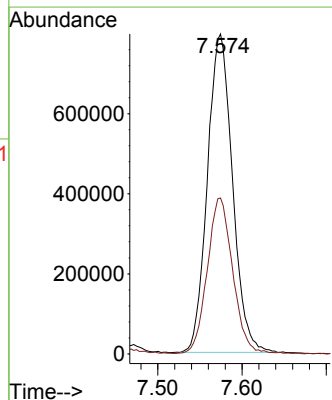
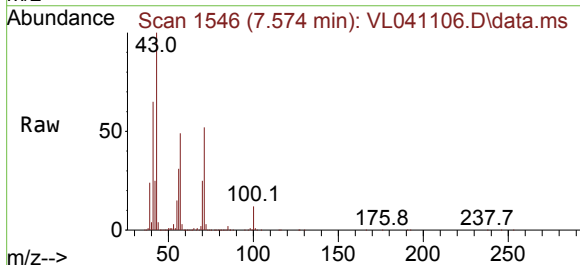
Instrument :
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 ClientSampleId :
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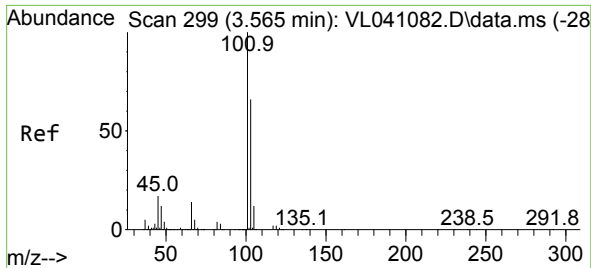
Tgt Ion: 41 Resp: 655304
 Ion Ratio Lower Upper
 41 100
 42 70.9 55.9 83.9



#10
 Heptane
 Concen: 10.546 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.006 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Tgt Ion: 43 Resp: 1646032
 Ion Ratio Lower Upper
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 57 49.7 41.0 61.6

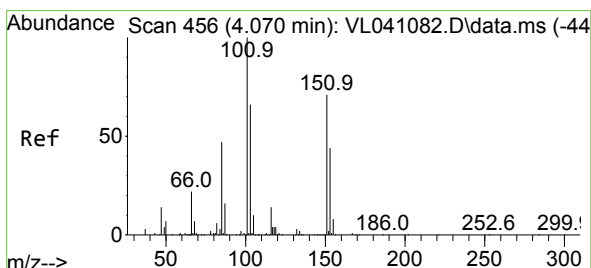
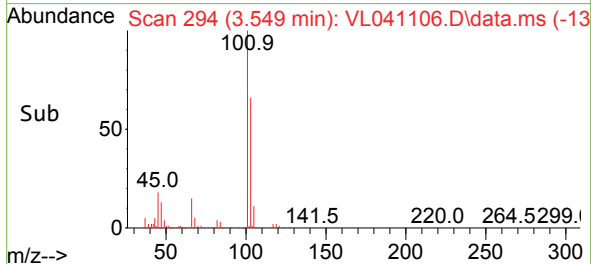
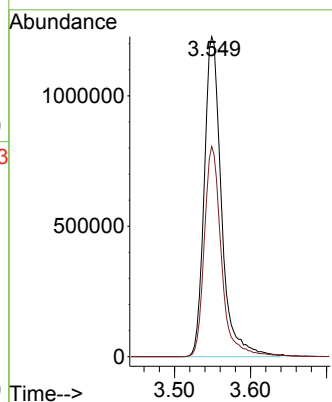
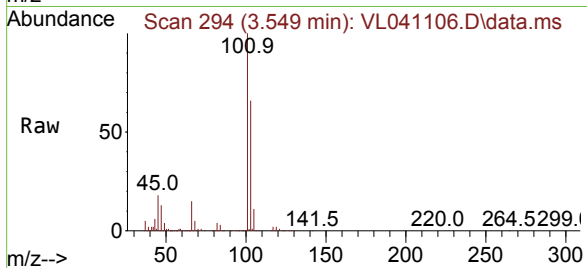




#11
 Trichlorofluoromethane
 Concen: 9.861 ppbv
 RT: 3.549 min Scan# 299
 Delta R.T. -0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

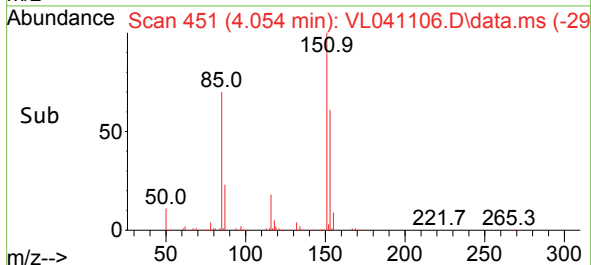
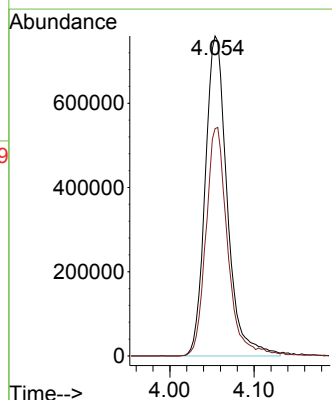
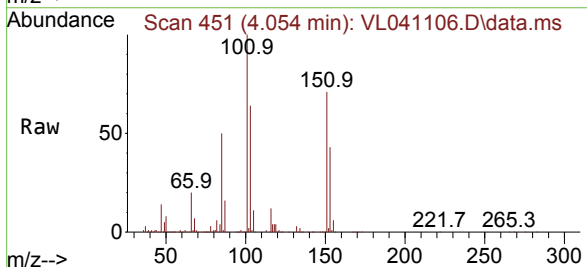
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

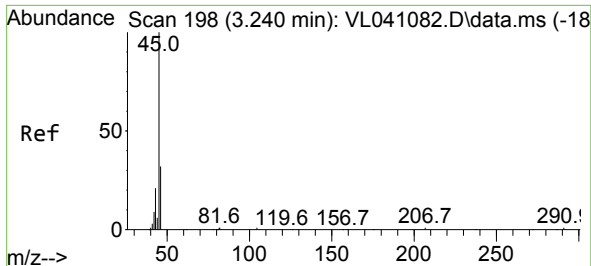
Tgt Ion:101 Resp: 1932419
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.0 79.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.552 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.000 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Tgt Ion:101 Resp: 1376321
 Ion Ratio Lower Upper
 101 100
 151 71.2 55.8 83.8

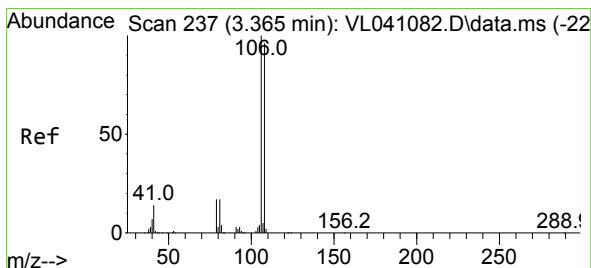
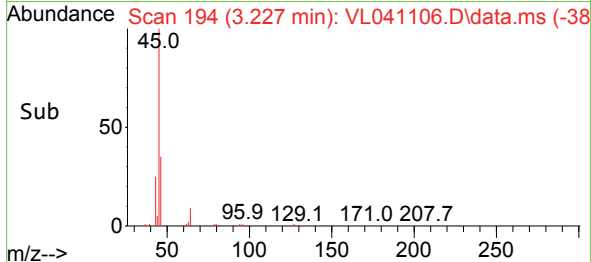
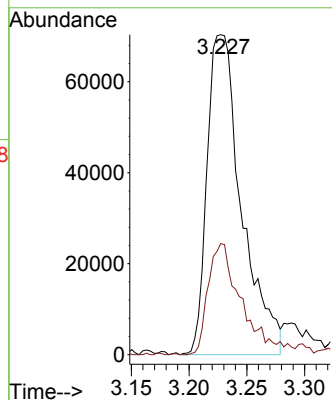
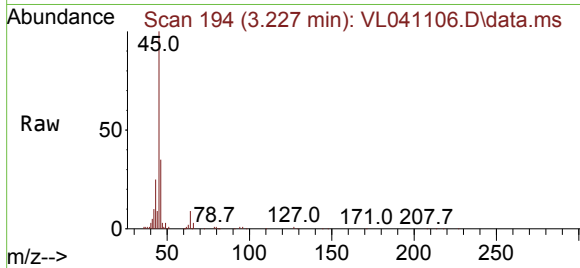




#13
Ethanol
Concen: 8.416 ppbv
RT: 3.227 min Scan# 198
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

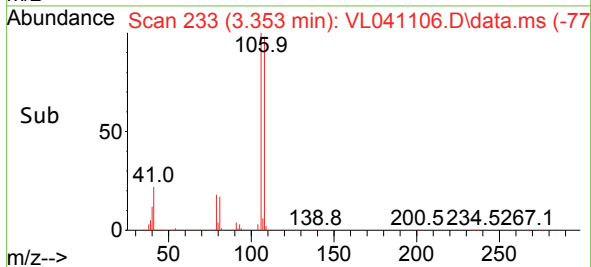
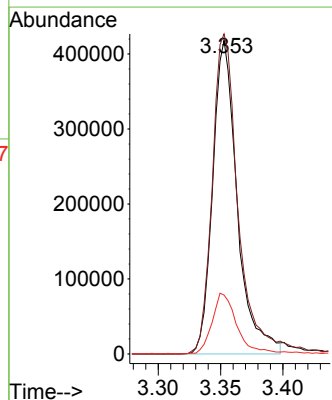
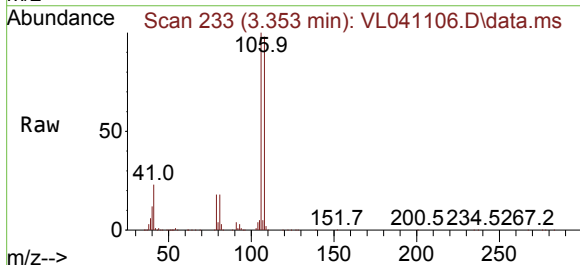
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

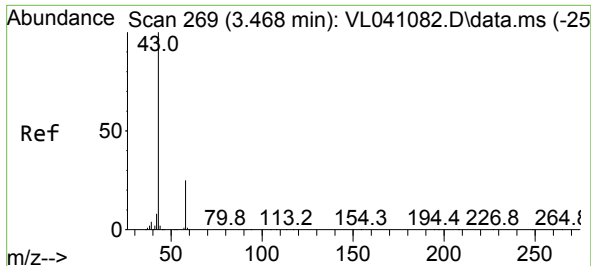
Tgt Ion: 45 Resp: 146311
Ion Ratio Lower Upper
45 100
46 35.8 14.6 58.2



#14
Bromoethene
Concen: 10.217 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 108 Resp: 573973
Ion Ratio Lower Upper
108 100
106 109.8 88.1 132.1
79 20.2 15.6 23.4

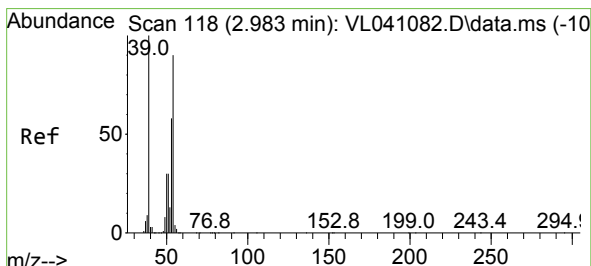
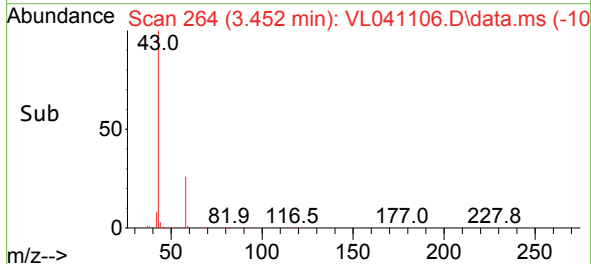
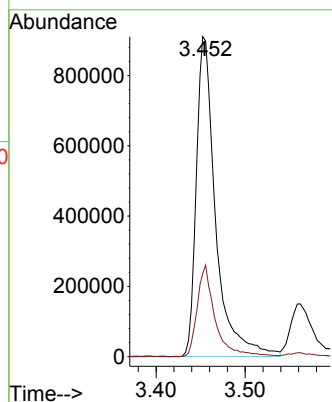
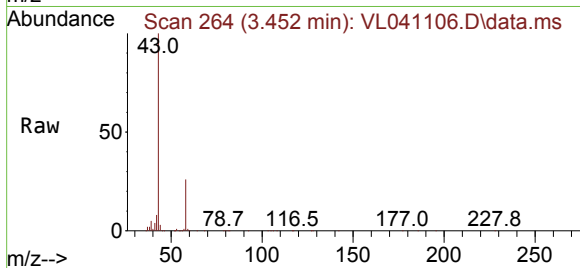




#15
Acetone
Concen: 9.021 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

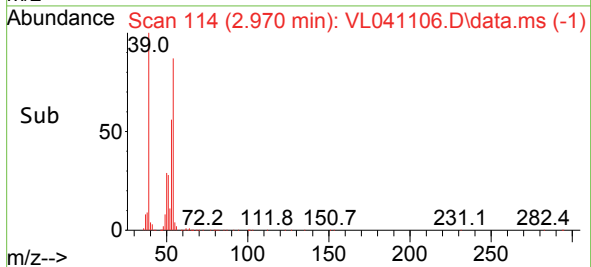
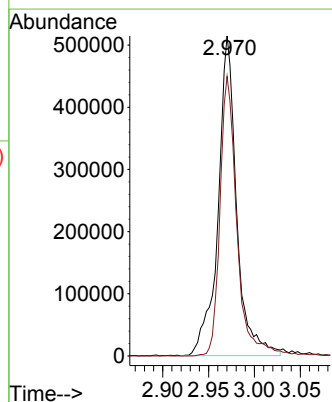
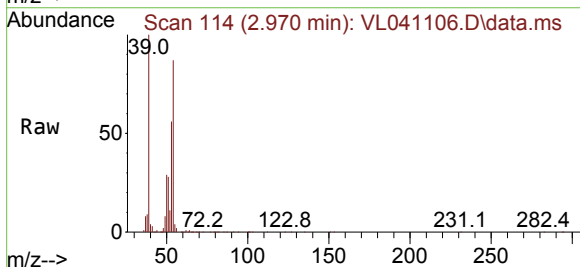
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

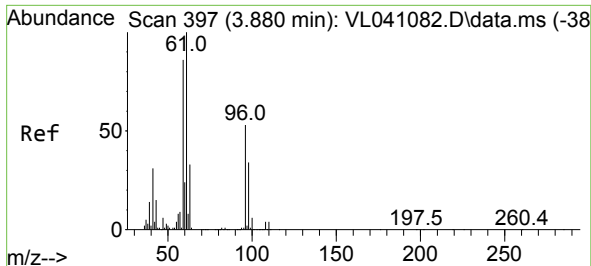
Tgt Ion: 43 Resp: 1370728
Ion Ratio Lower Upper
43 100
58 26.5 21.7 32.5



#16
1,3-Butadiene
Concen: 10.544 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 39 Resp: 726733
Ion Ratio Lower Upper
39 100
54 80.1 64.0 96.0





#17

tert-Butyl alcohol

Concen: 12.001 ppbv

RT: 3.864 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

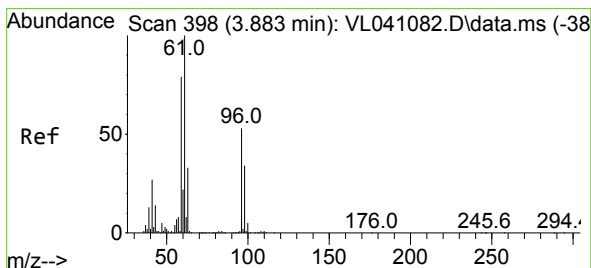
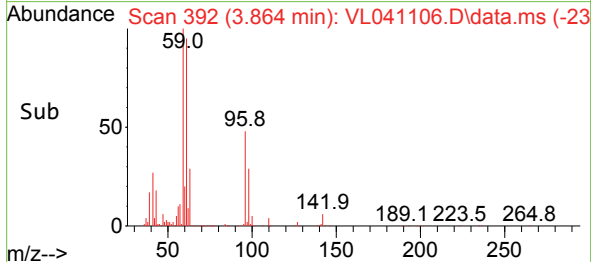
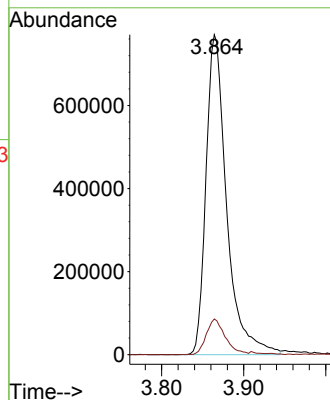
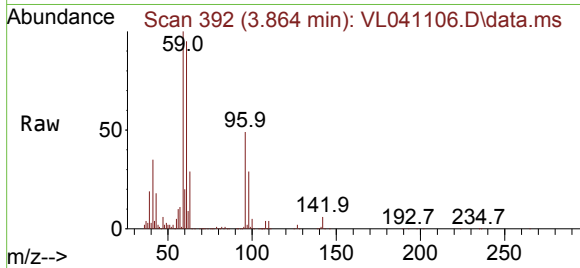
VL0314ABS01

Tgt Ion: 59 Resp: 1350196

Ion Ratio Lower Upper

59 100

57 11.0 9.0 13.6



#18

1,1-Dichloroethene

Concen: 9.536 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

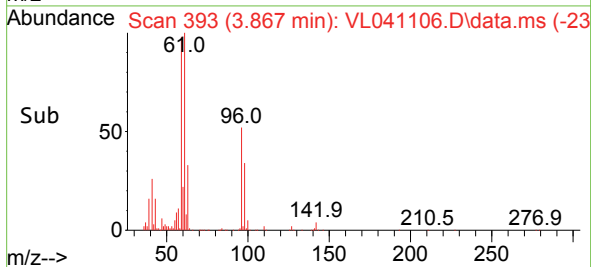
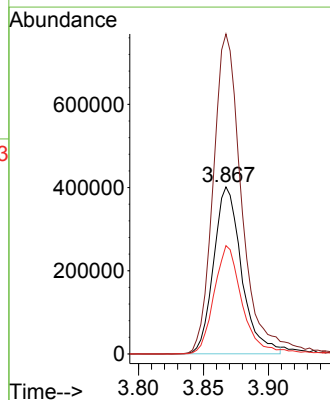
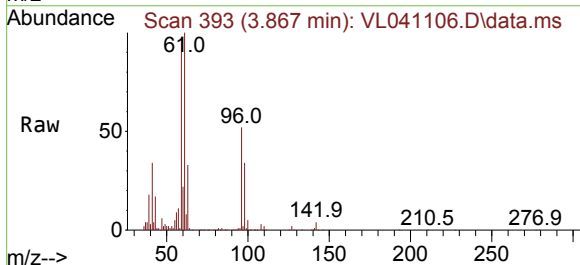
Tgt Ion: 96 Resp: 599686

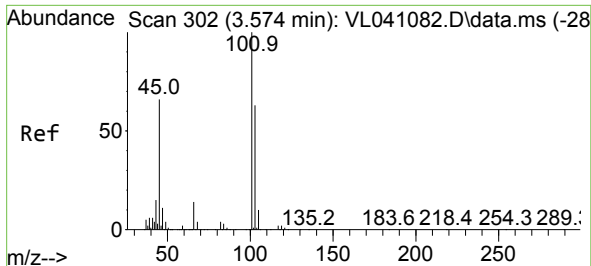
Ion Ratio Lower Upper

96 100

61 191.6 150.2 225.2

98 64.8 50.7 76.1

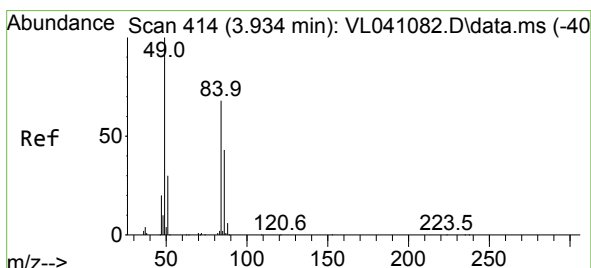
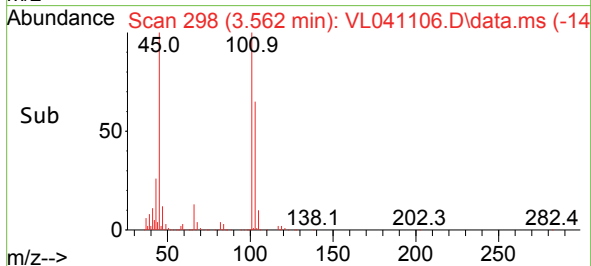
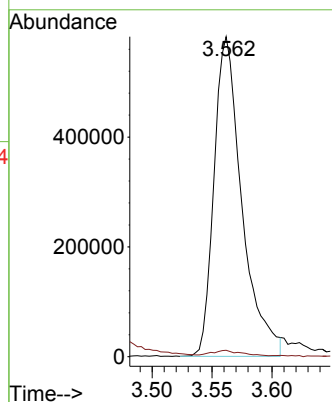
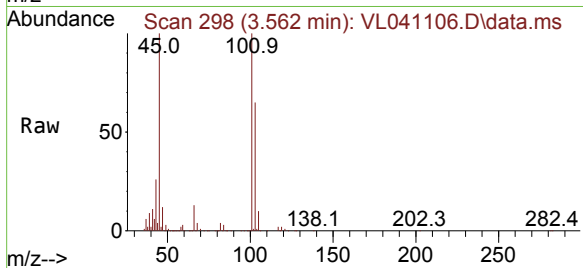




#19
Isopropyl Alcohol
Concen: 11.565 ppbv
RT: 3.562 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

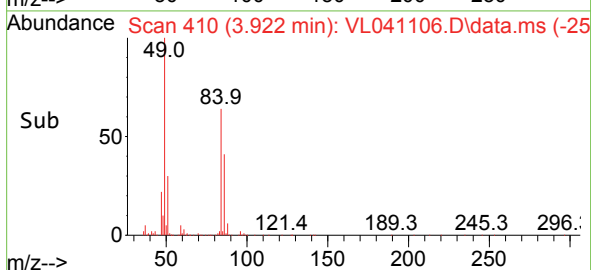
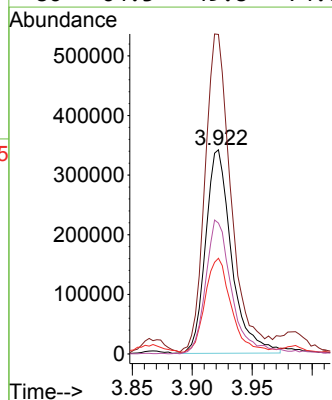
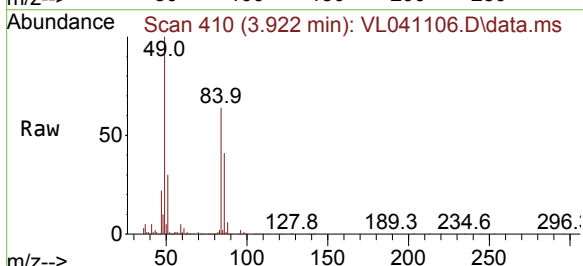
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

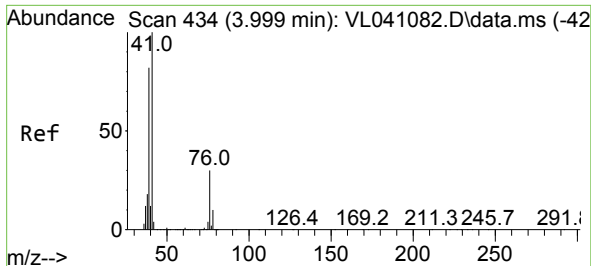
Tgt Ion: 45 Resp: 938664
Ion Ratio Lower Upper
45 100
58 2.7 2.2 3.4



#20
Methylene Chloride
Concen: 8.693 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 84 Resp: 514939
Ion Ratio Lower Upper
84 100
49 156.3 117.0 175.6
51 46.2 34.9 52.3
86 64.3 49.8 74.6





#21

Allyl Chloride

Concen: 9.539 ppbv

RT: 3.983 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

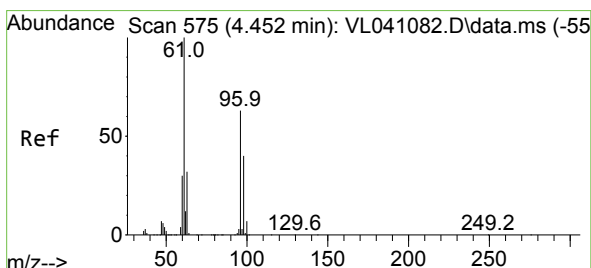
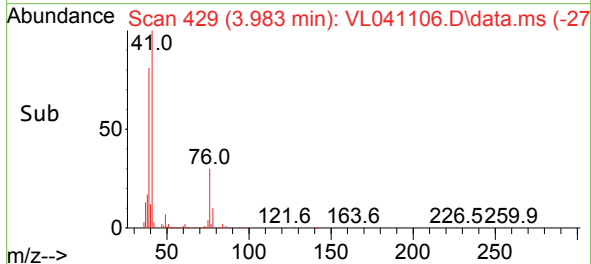
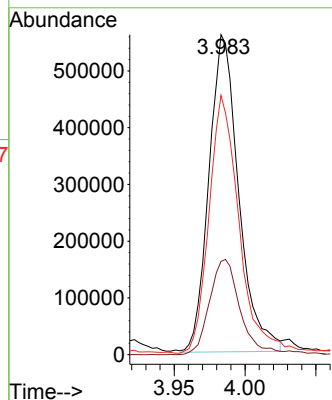
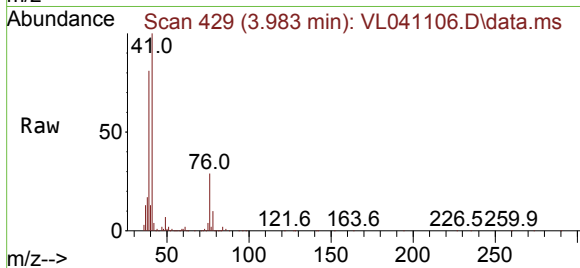
Tgt Ion: 41 Resp: 818638

Ion Ratio Lower Upper

41 100

76 31.4 25.5 38.3

39 83.4 67.4 101.2



#22

trans-1,2-Dichloroethene

Concen: 8.603 ppbv

RT: 4.436 min Scan# 570

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

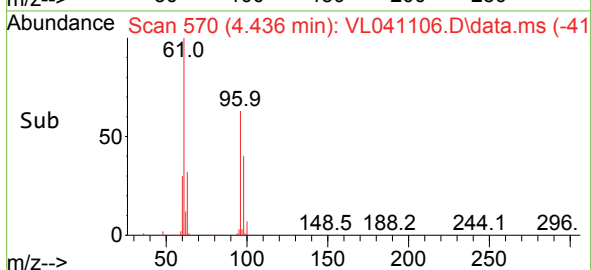
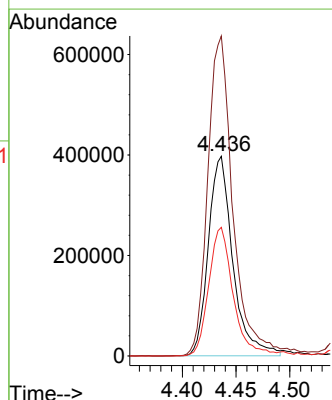
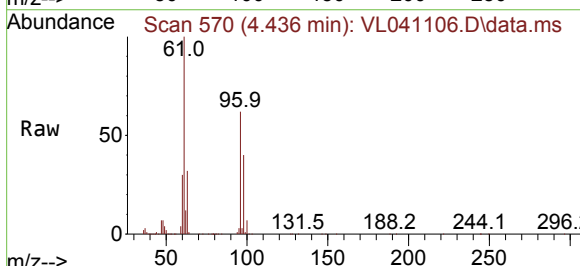
Tgt Ion: 96 Resp: 631573

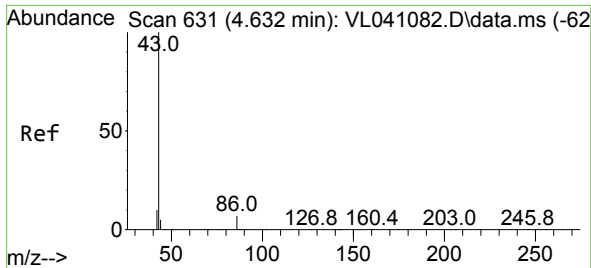
Ion Ratio Lower Upper

96 100

61 160.2 126.7 190.1

98 64.4 50.1 75.1



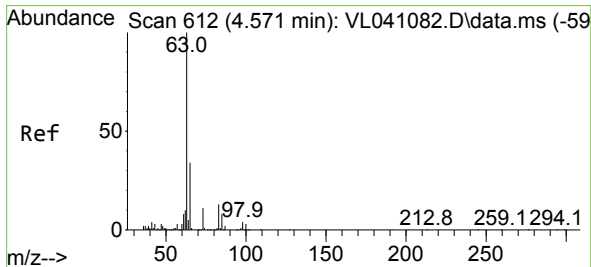
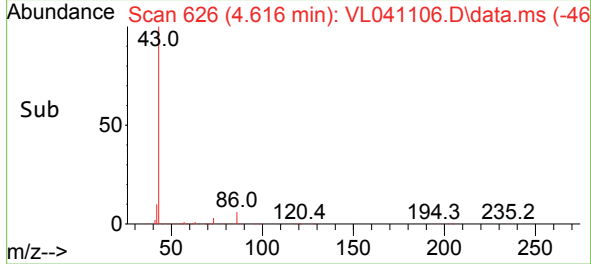
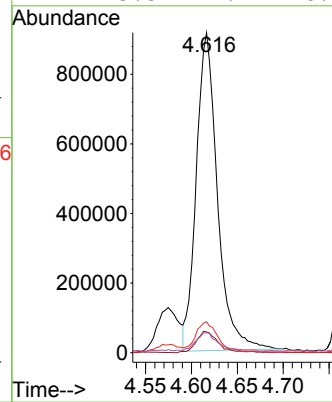
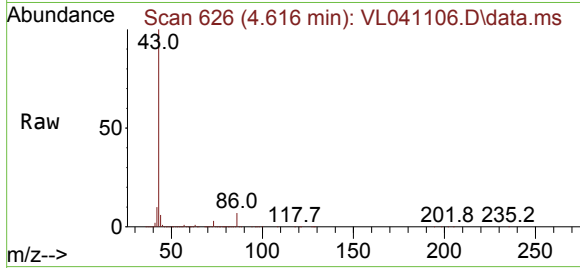


#23
Vinyl Acetate
Concen: 8.539 ppbv
RT: 4.616 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 43 Resp: 1468203

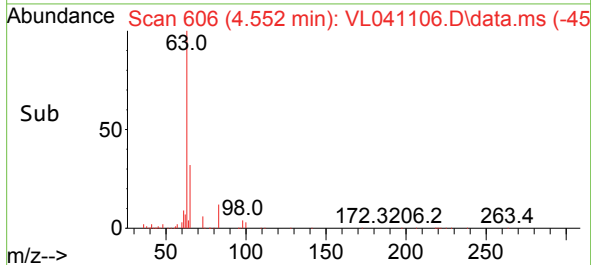
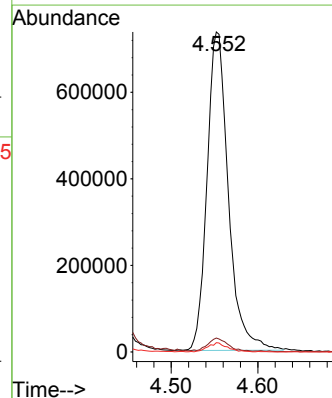
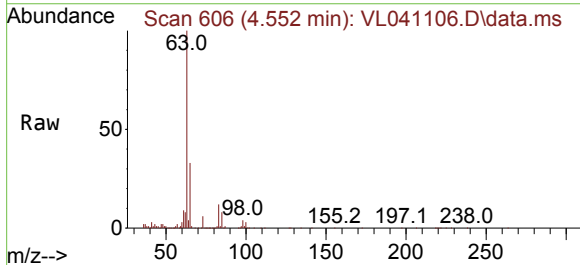
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.4	8.2
42	9.6	8.0	12.0
44	5.8	4.2	6.2

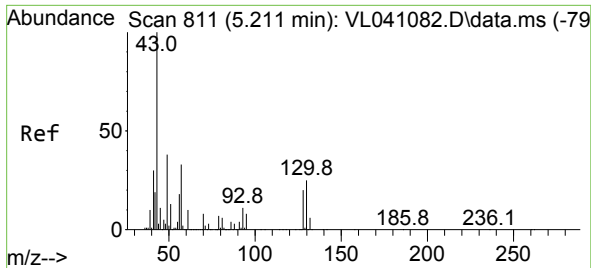


#24
1,1-Dichloroethane
Concen: 8.105 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 63 Resp: 1258931

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.9	1.4	4.2



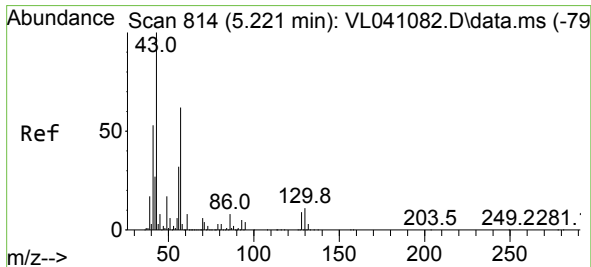
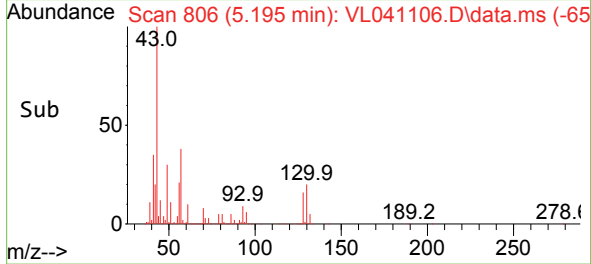
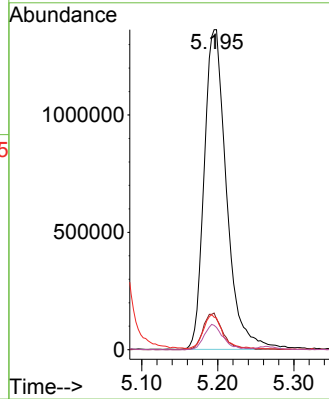
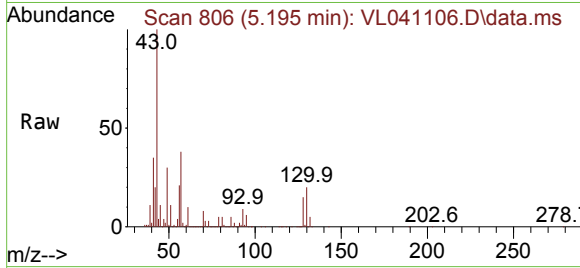


#25
Ethyl Acetate
Concen: 10.149 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 43 Resp: 2778251

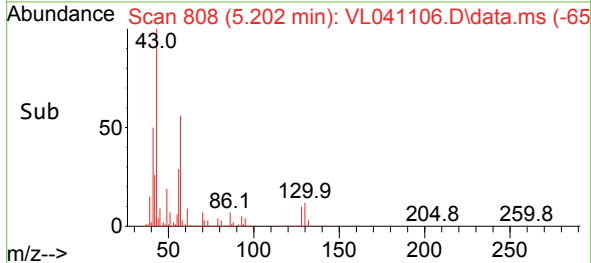
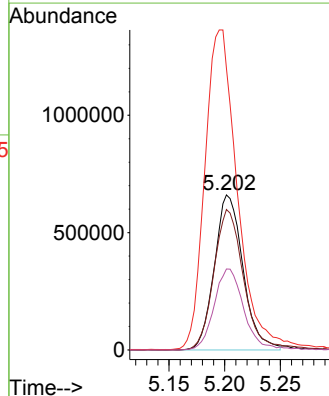
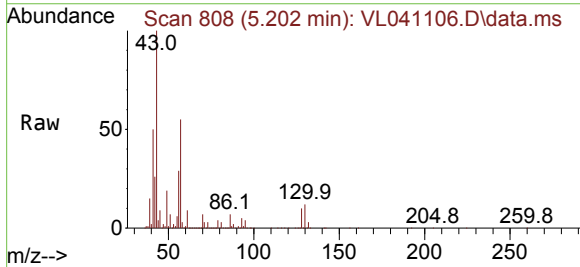
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	9.7	8.2	12.2
70	6.7	5.5	8.3

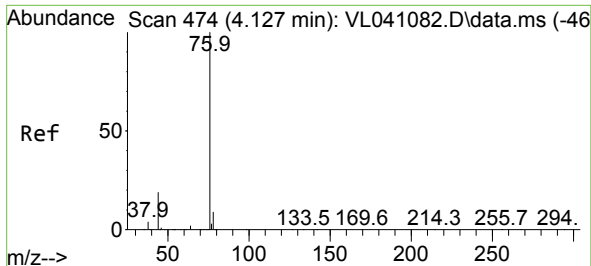


#26
Hexane
Concen: 9.643 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 57 Resp: 1179829

Ion	Ratio	Lower	Upper
57	100		
41	95.8	73.8	110.6
43	237.2	184.2	276.2
56	54.7	43.1	64.7



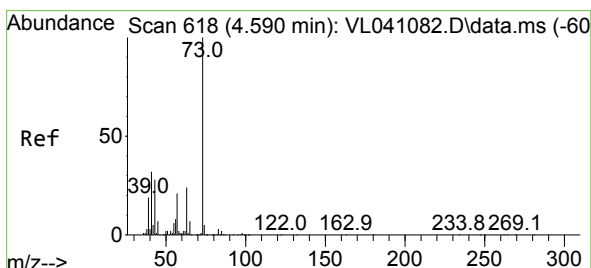
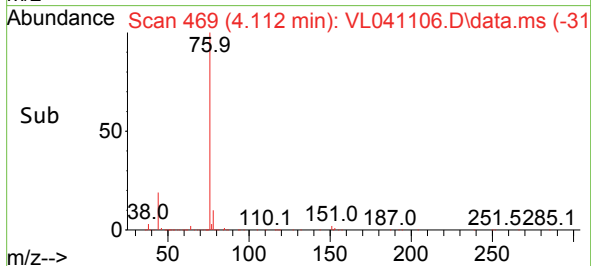
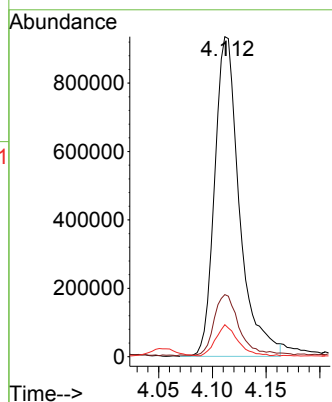
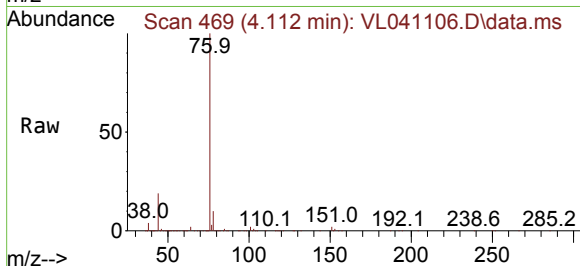


#27
Carbon Disulfide
Concen: 10.210 ppbv
RT: 4.112 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 76 Resp: 1497504

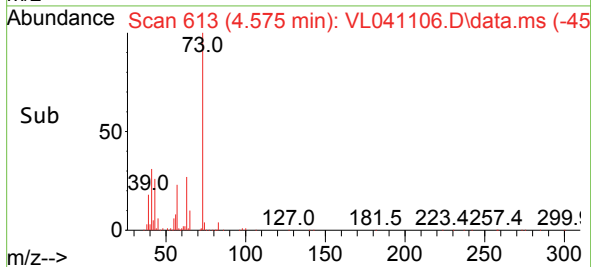
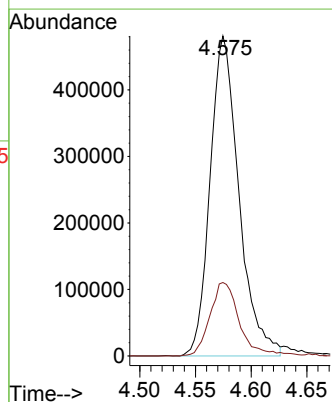
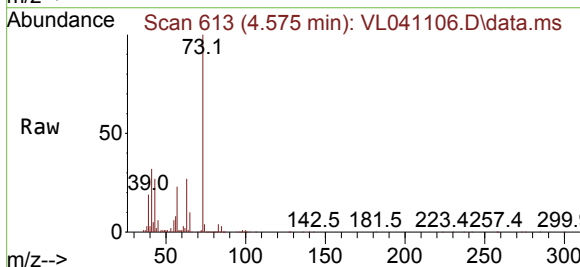
Ion	Ratio	Lower	Upper
76	100		
44	20.3	16.0	24.0
78	9.8	7.5	11.3

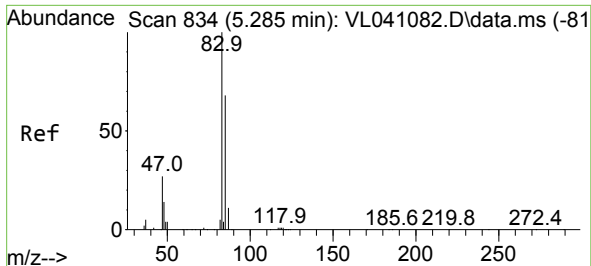


#28
Methyl tert-Butyl Ether
Concen: 8.006 ppbv
RT: 4.575 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 73 Resp: 866117

Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.2	27.4





#29

Chloroform

Concen: 9.816 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

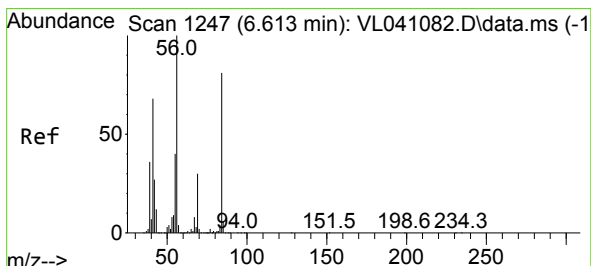
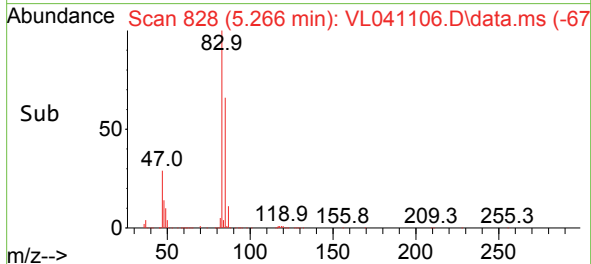
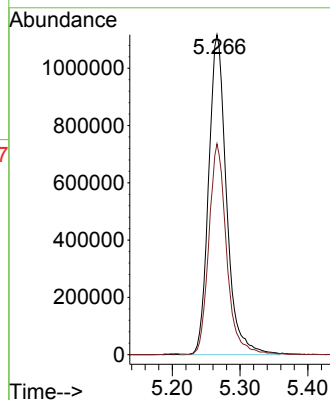
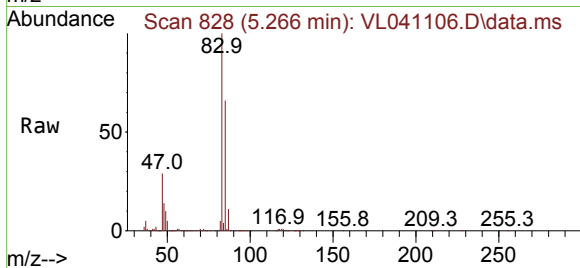
VL0314ABS01

Tgt Ion: 83 Resp: 2045285

Ion Ratio Lower Upper

83 100

85 65.7 54.6 82.0



#30

Cyclohexane

Concen: 9.939 ppbv

RT: 6.591 min Scan# 1240

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

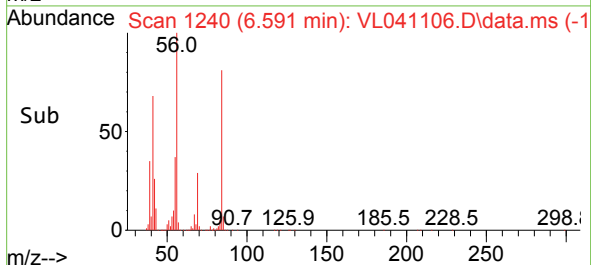
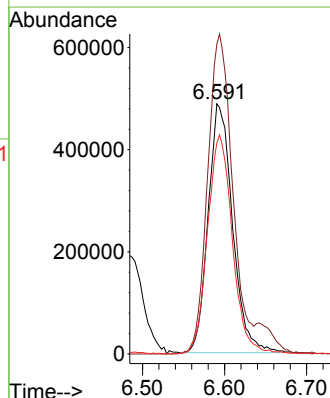
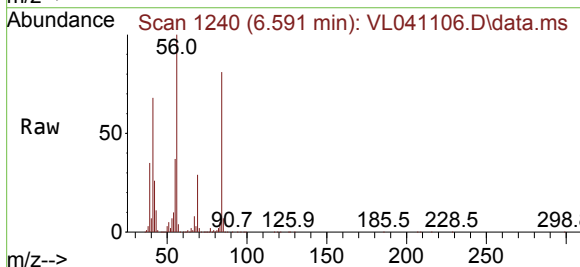
Tgt Ion: 84 Resp: 1007715

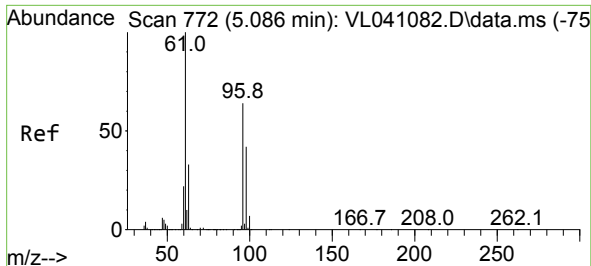
Ion Ratio Lower Upper

84 100

56 140.0 110.4 165.6

41 90.0 70.6 105.8

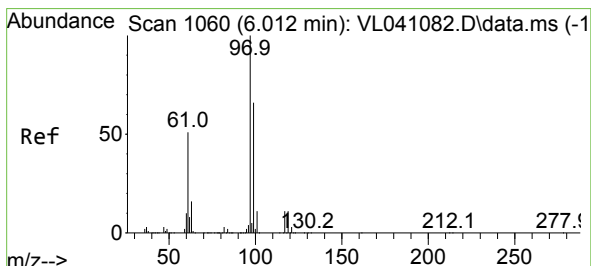
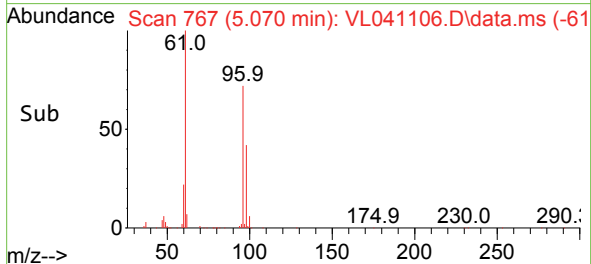
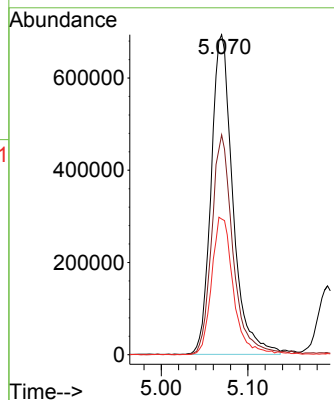
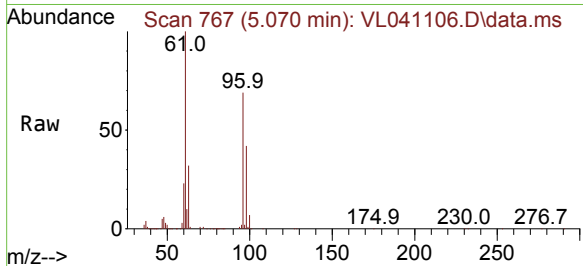




#31
 cis-1,2-Dichloroethene
 Concen: 10.140 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

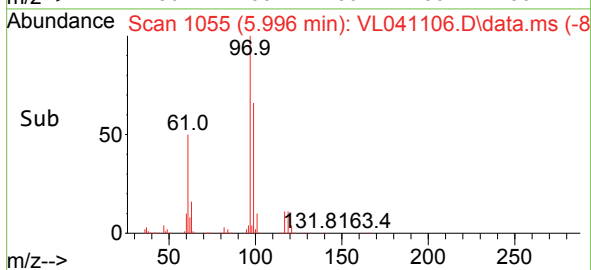
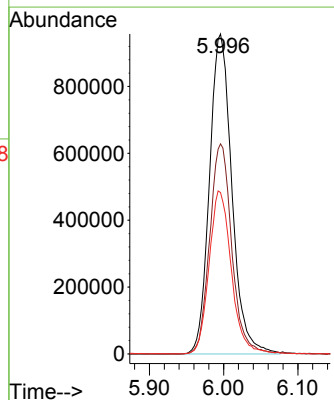
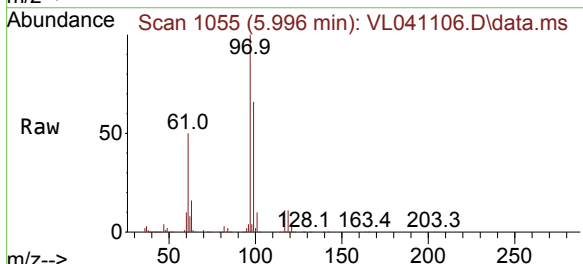
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

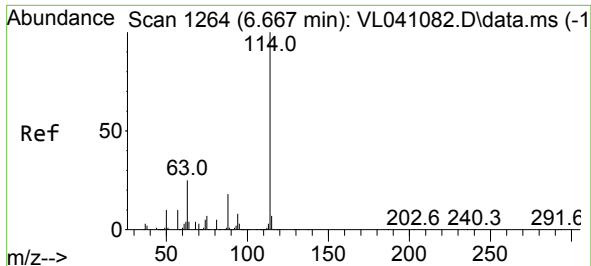
Tgt Ion: 61 Resp: 1207716
 Ion Ratio Lower Upper
 61 100
 96 68.7 51.2 76.8
 98 42.4 33.4 50.0



#32
 1,1,1-Trichloroethane
 Concen: 10.625 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Tgt Ion: 97 Resp: 2004912
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.4 78.6
 61 51.0 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

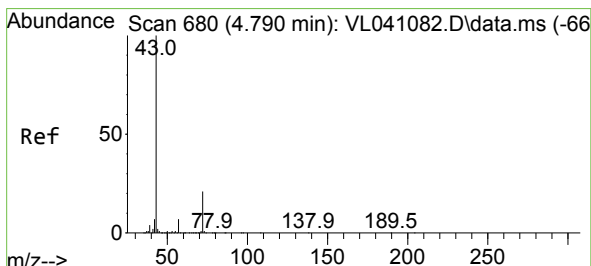
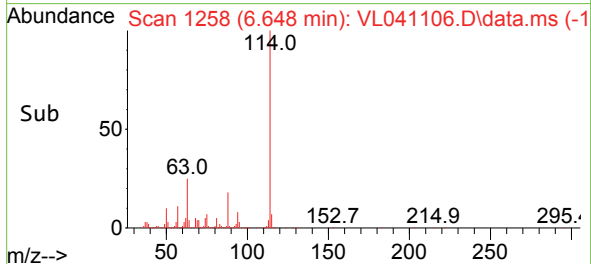
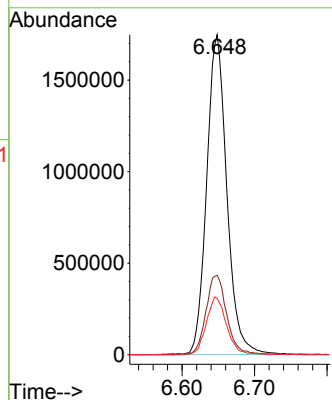
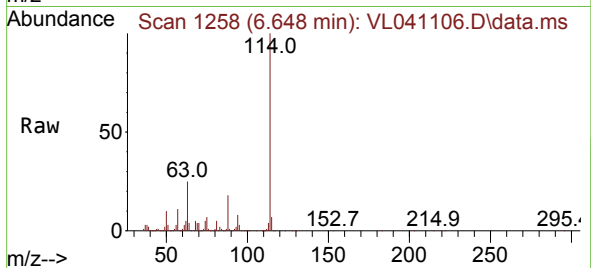
Tgt Ion:114 Resp: 3377968

Ion Ratio Lower Upper

114 100

63 26.0 21.0 31.6

88 18.1 14.6 22.0



#34

2-Butanone

Concen: 8.317 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.000 min

Lab File: VL041106.D

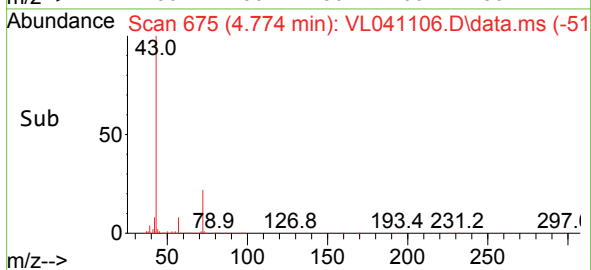
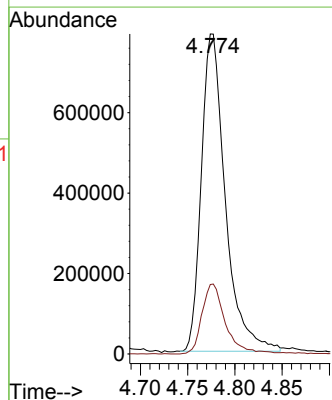
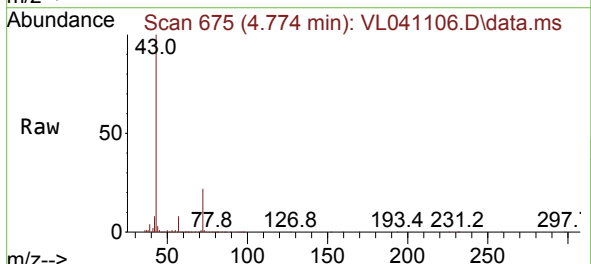
Acq: 14 Mar 2024 14:28

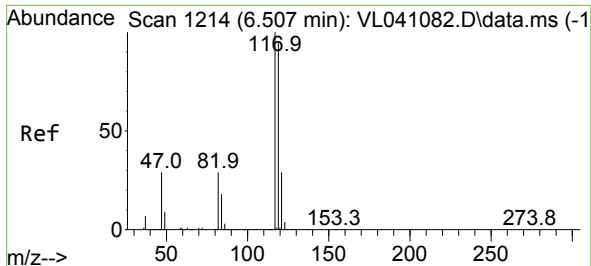
Tgt Ion: 43 Resp: 1391077

Ion Ratio Lower Upper

43 100

72 22.0 17.4 26.0

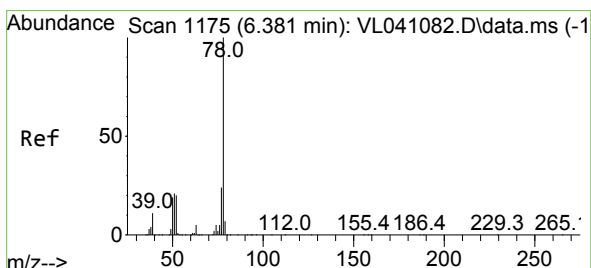
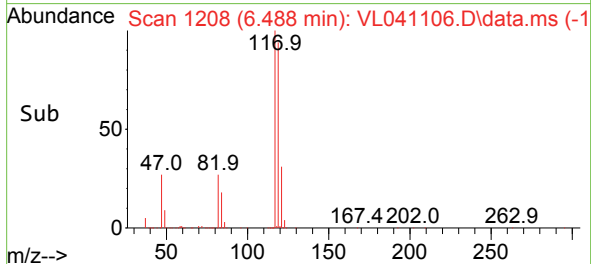
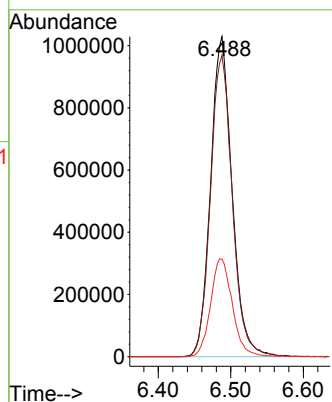
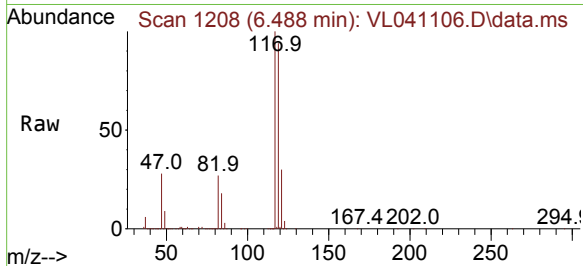




#35
Carbon Tetrachloride
Concen: 10.735 ppbv
RT: 6.488 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

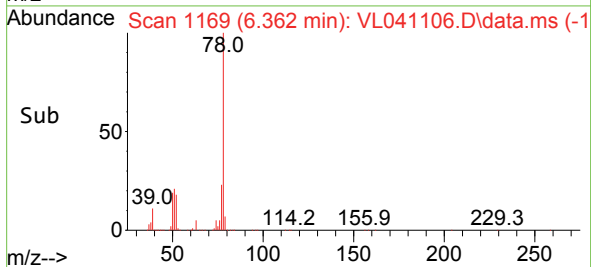
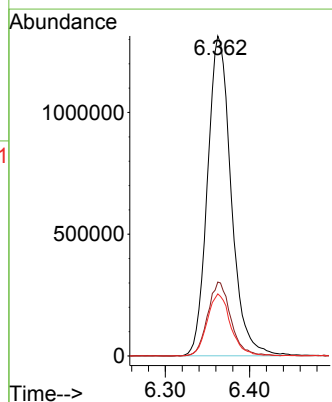
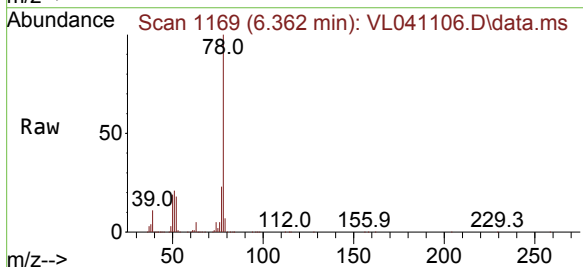
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

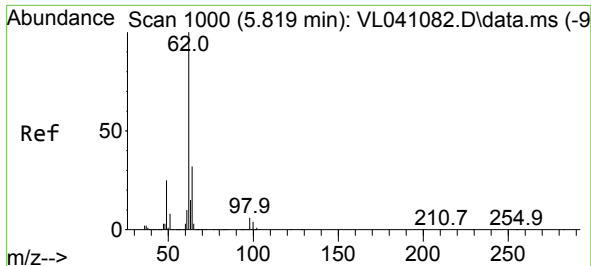
Tgt Ion:117 Resp: 2119134
Ion Ratio Lower Upper
117 100
119 94.1 75.6 113.4
121 30.5 23.4 35.2



#36
Benzene
Concen: 10.178 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 78 Resp: 2559214
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2
50 19.4 15.5 23.3

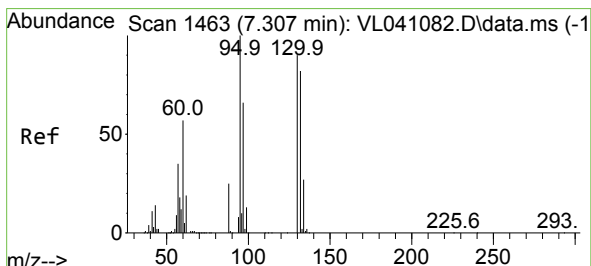
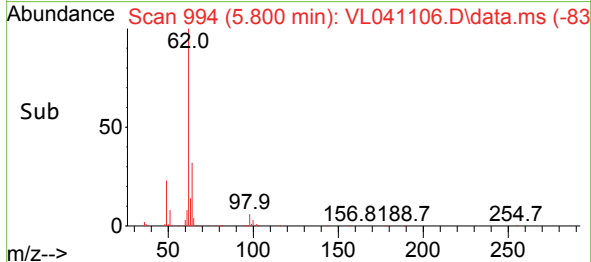
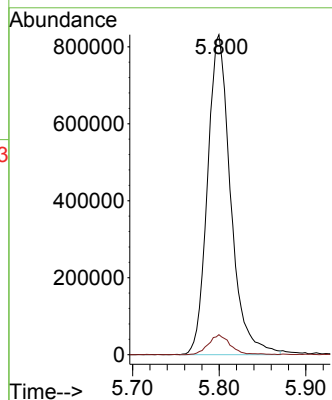
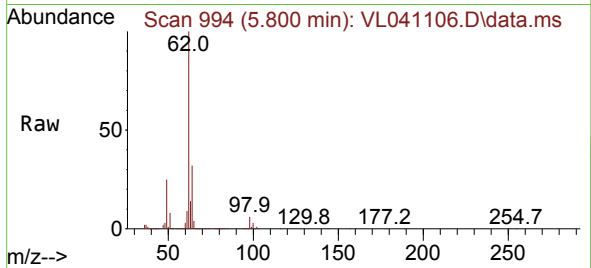




#37
1,2-Dichloroethane
Concen: 10.180 ppbv
RT: 5.800 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

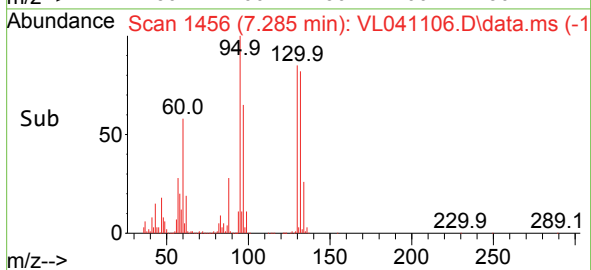
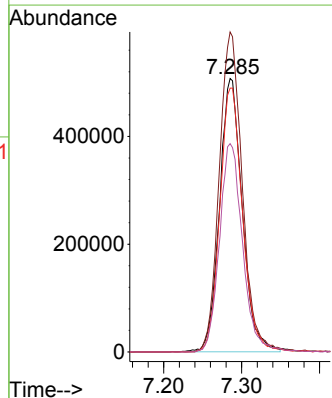
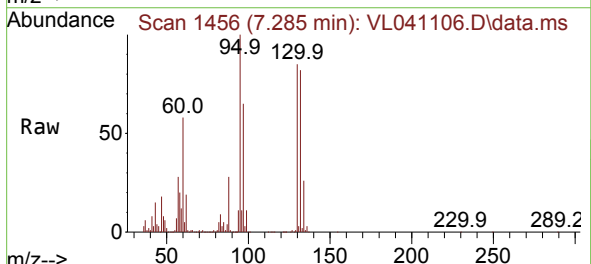
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

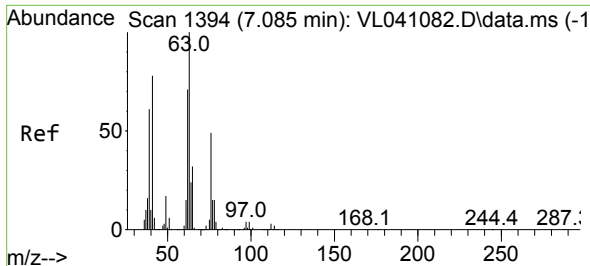
Tgt Ion: 62 Resp: 1540049
Ion Ratio Lower Upper
62 100
98 6.0 4.6 6.8



#38
Trichloroethene
Concen: 11.227 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:130 Resp: 1025303
Ion Ratio Lower Upper
130 100
95 118.1 88.8 133.2
132 97.5 73.0 109.4
97 77.0 59.0 88.4





#39

1,2-Dichloropropane

Concen: 9.967 ppbv

RT: 7.066 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

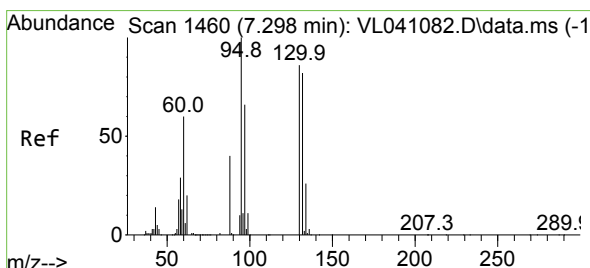
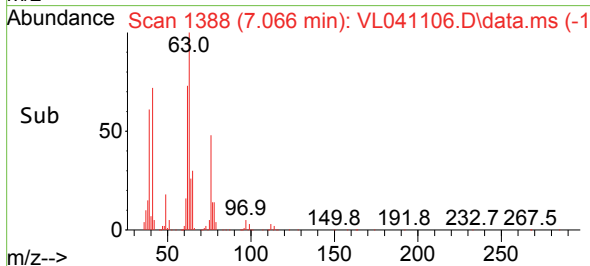
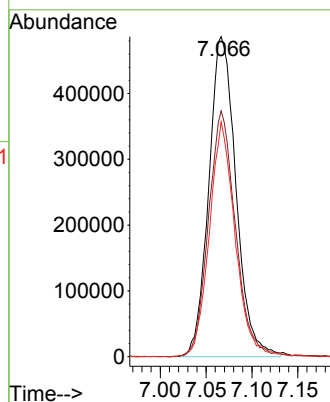
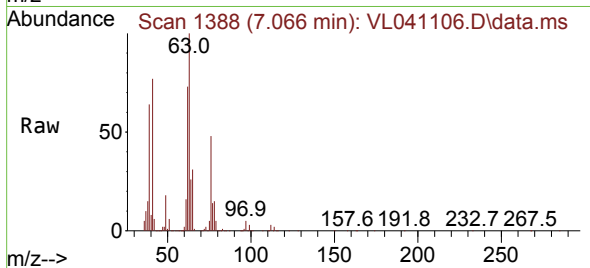
Tgt Ion: 63 Resp: 1002487

Ion Ratio Lower Upper

63 100

41 76.5 62.2 93.4

62 73.0 57.0 85.4



#40

1,4-Dioxane

Concen: 10.357 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Tgt Ion: 88 Resp: 410147

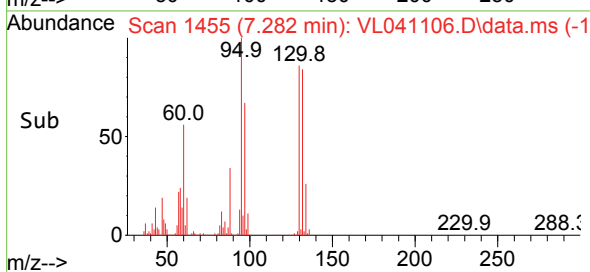
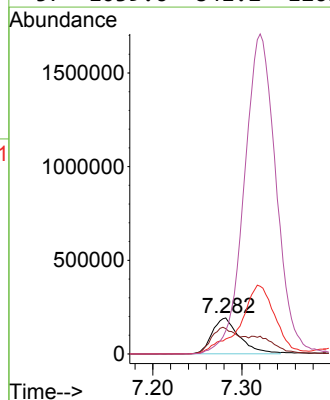
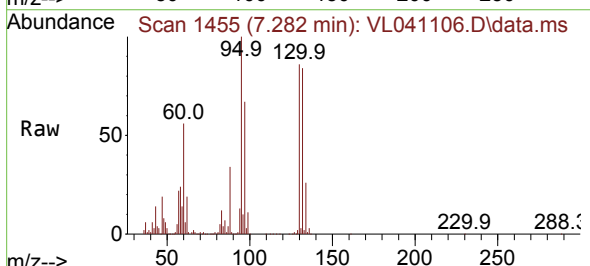
Ion Ratio Lower Upper

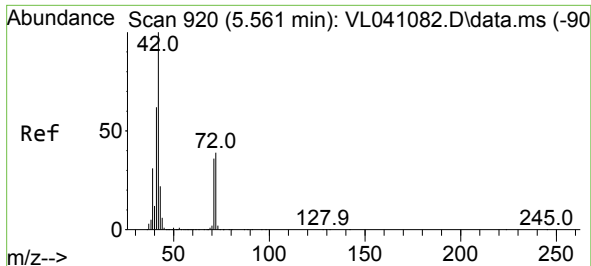
88 100

58 124.5 96.3 144.5

43 245.1 195.7 293.5

57 1039.6 841.2 1261.8

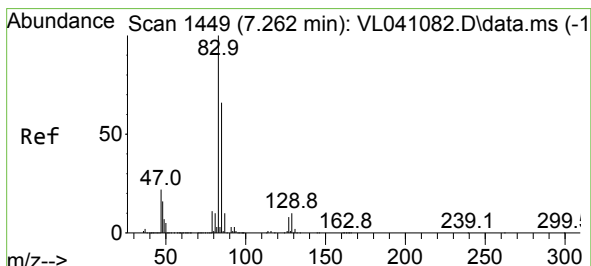
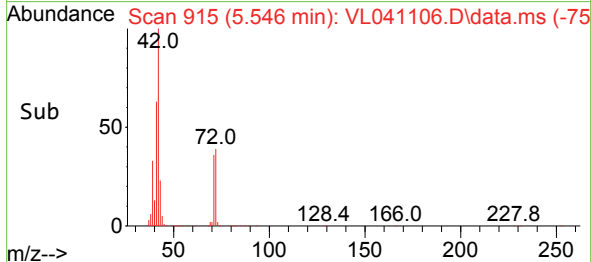
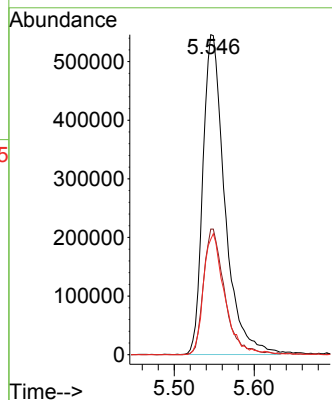
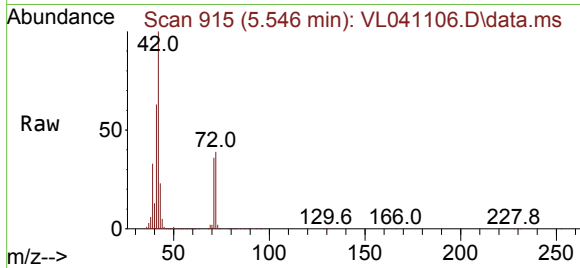




#41
Tetrahydrofuran
Concen: 10.475 ppbv
RT: 5.546 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

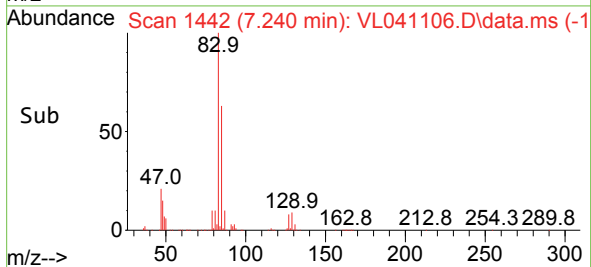
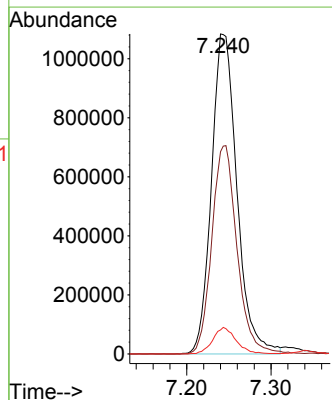
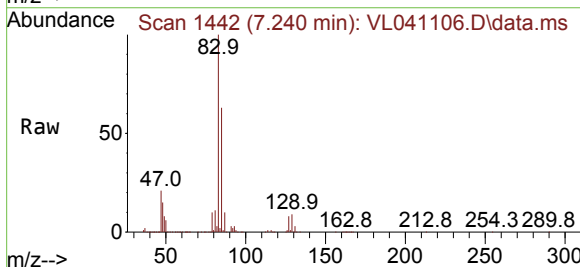
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

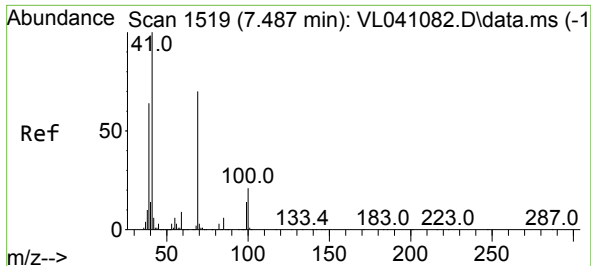
Tgt Ion: 42 Resp: 1042720
Ion Ratio Lower Upper
42 100
72 38.5 30.7 46.1
71 37.0 29.6 44.4



#42
Bromodichloromethane
Concen: 10.505 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 83 Resp: 2276797
Ion Ratio Lower Upper
83 100
85 63.2 53.1 79.7
127 7.5 6.2 9.4

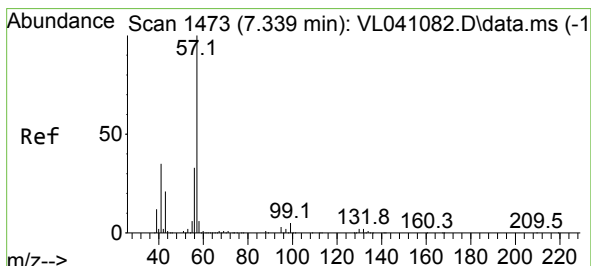
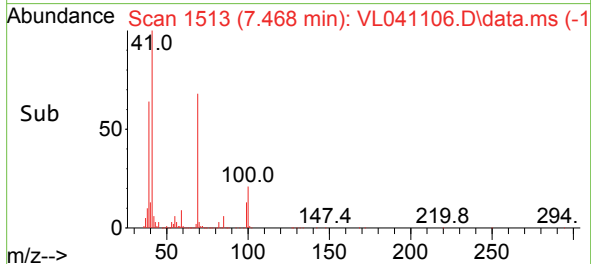
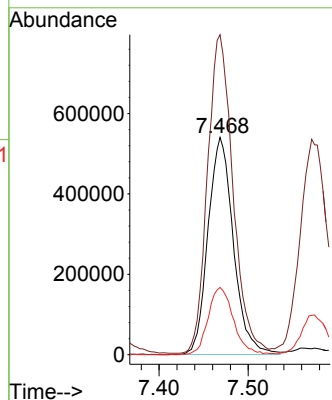
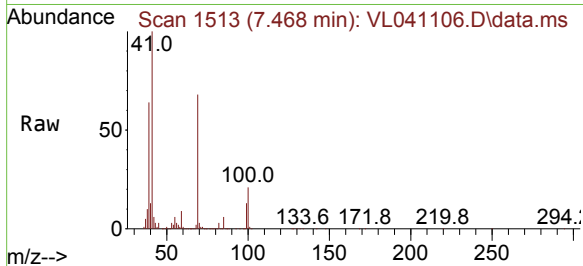




#43
Methyl Methacrylate
Concen: 10.988 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

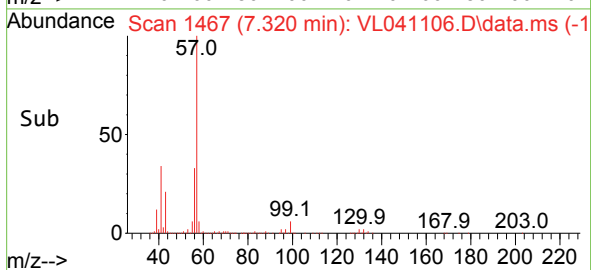
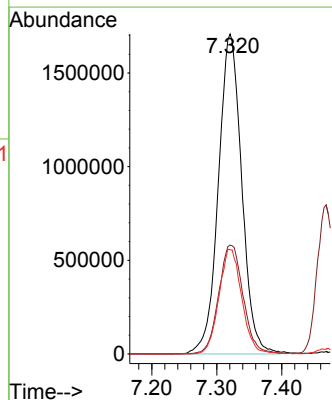
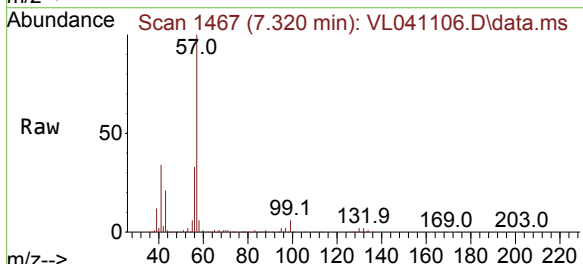
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

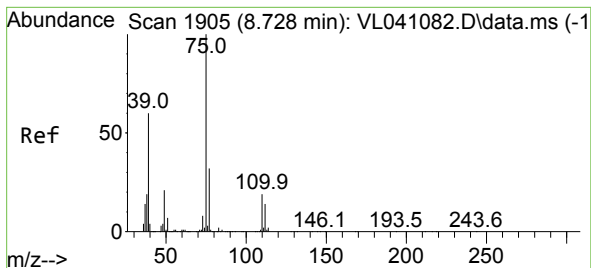
Tgt Ion: 69 Resp: 1068736
Ion Ratio Lower Upper
69 100
41 148.6 118.2 177.4
100 31.0 24.8 37.2



#44
2,2,4-Trimethylpentane
Concen: 10.125 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 57 Resp: 4251410
Ion Ratio Lower Upper
57 100
41 35.7 28.0 42.0
56 32.1 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 8.413 ppbv

RT: 8.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

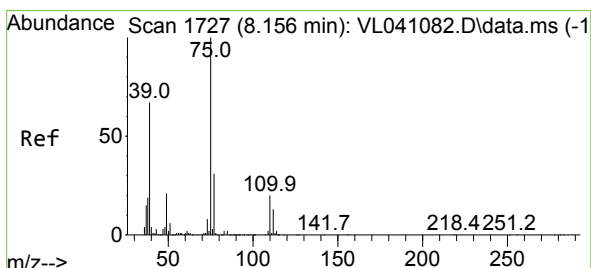
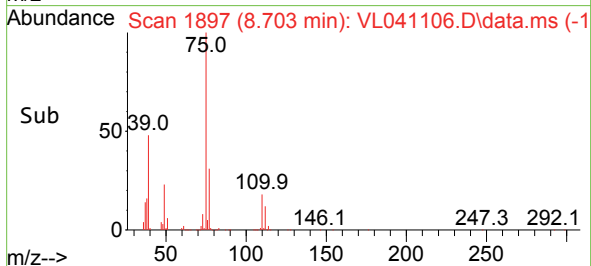
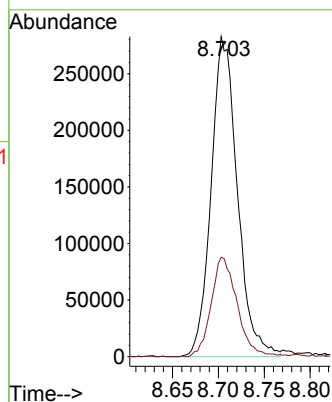
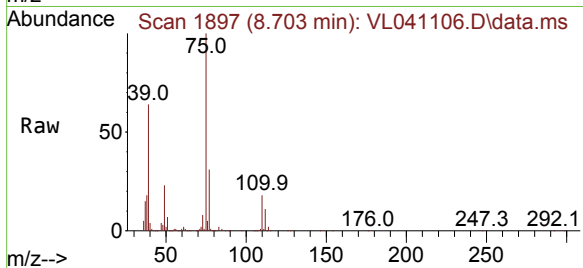
VL0314ABS01

Tgt Ion: 75 Resp: 563224

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#46

cis-1,3-Dichloropropene

Concen: 8.846 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

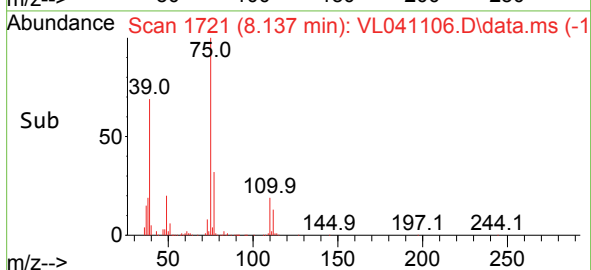
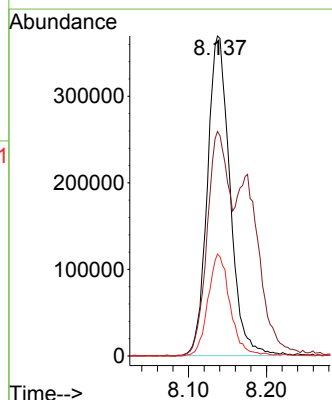
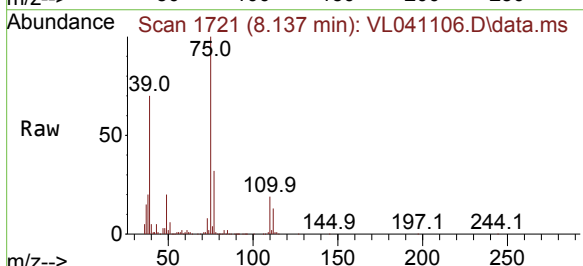
Tgt Ion: 75 Resp: 743787

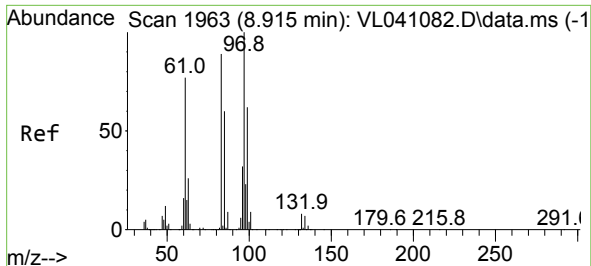
Ion Ratio Lower Upper

75 100

39 69.9 53.3 79.9

77 31.9 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.289 ppbv

RT: 8.893 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VL041106.D

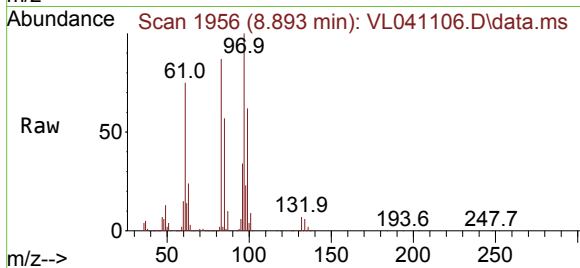
Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

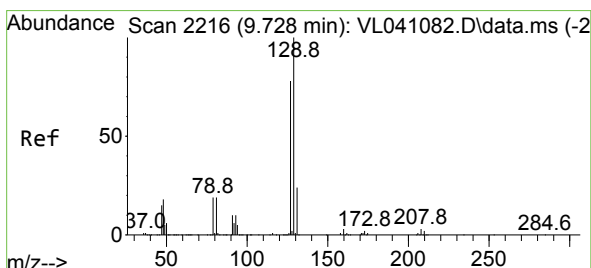
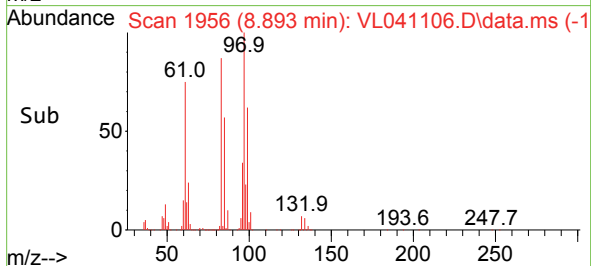
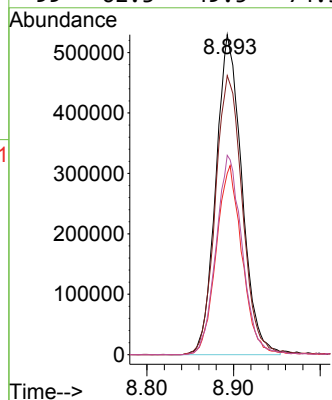
ClientSampleId :

VL0314ABS01



Tgt Ion: 97 Resp: 1103861

Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.1	106.7
85	56.6	48.2	72.2
99	62.3	49.5	74.3



#48

Dibromochloromethane

Concen: 10.826 ppbv

RT: 9.706 min Scan# 2209

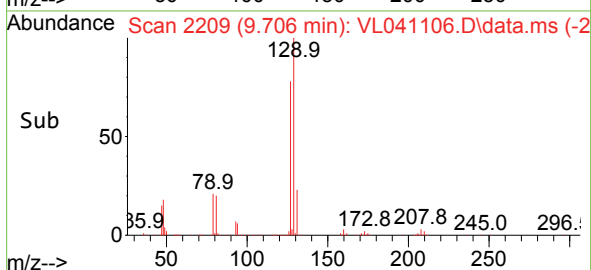
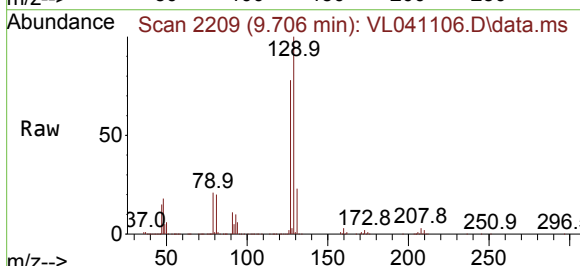
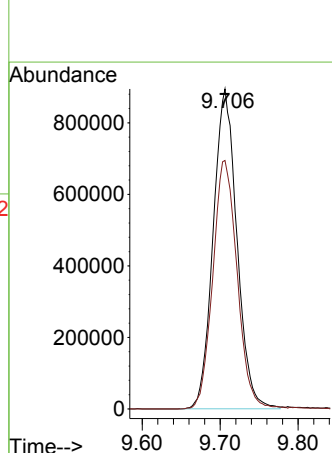
Delta R.T. 0.006 min

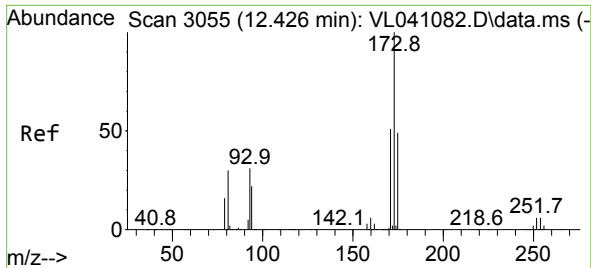
Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Tgt Ion: 129 Resp: 1893112

Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.6	118.8





#49

Bromoform

Concen: 11.086 ppbv

RT: 12.404 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

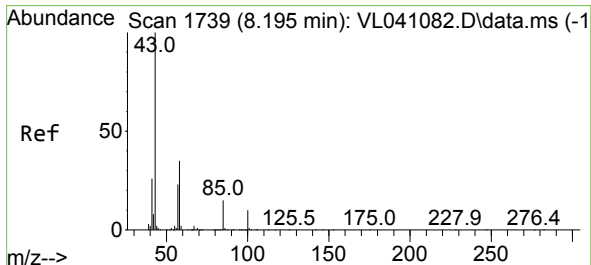
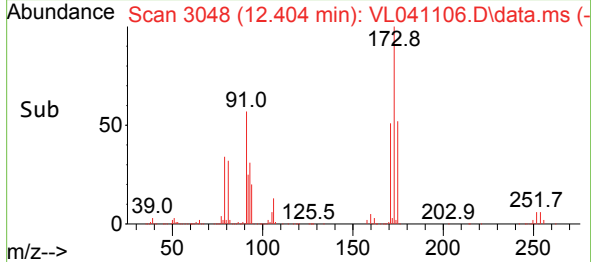
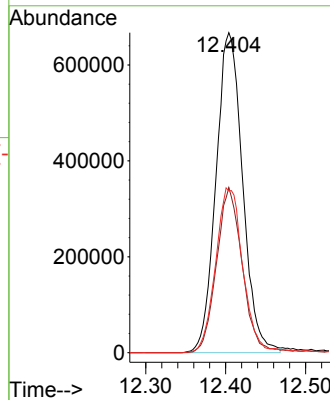
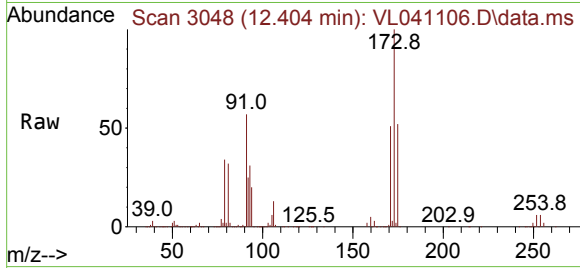
Tgt Ion:173 Resp: 1541938

Ion Ratio Lower Upper

173 100

175 50.5 39.0 58.6

171 53.9 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 11.165 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VL041106.D

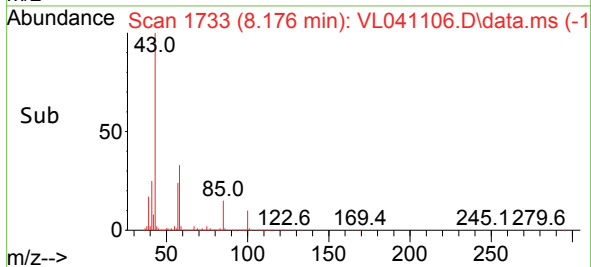
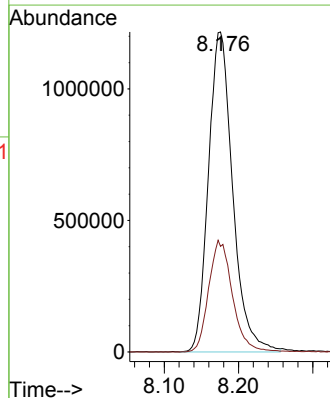
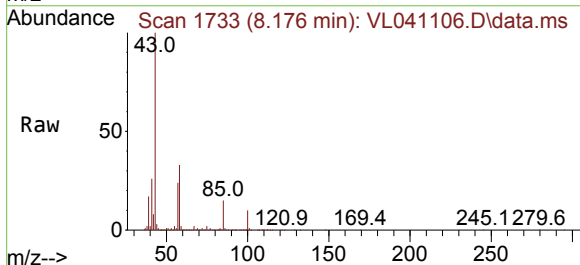
Acq: 14 Mar 2024 14:28

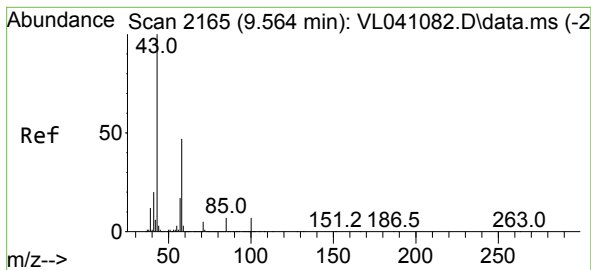
Tgt Ion: 43 Resp: 2754212

Ion Ratio Lower Upper

43 100

58 34.3 28.3 42.5





#51

2-Hexanone

Concen: 11.377 ppbv

RT: 9.542 min Scan# 2165

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

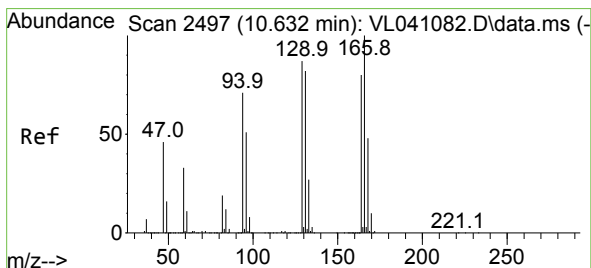
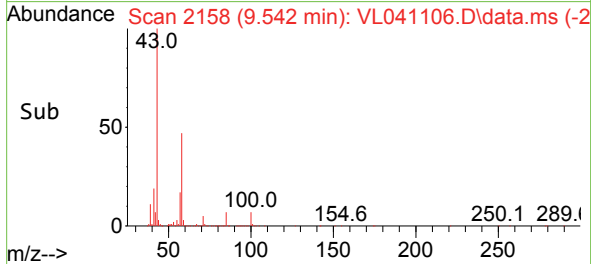
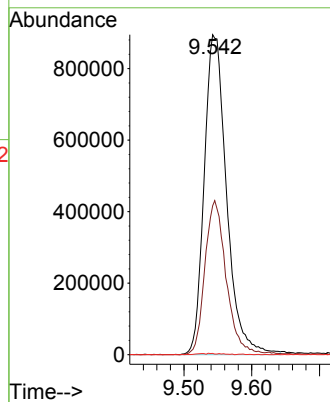
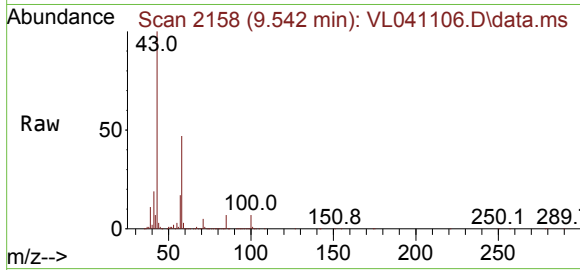
Tgt Ion: 43 Resp: 2055646

Ion Ratio Lower Upper

43 100

58 46.3 37.4 56.2

98 0.4 0.4 0.6



#52

Tetrachloroethene

Concen: 11.170 ppbv

RT: 10.613 min Scan# 2491

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Tgt Ion: 164 Resp: 871172

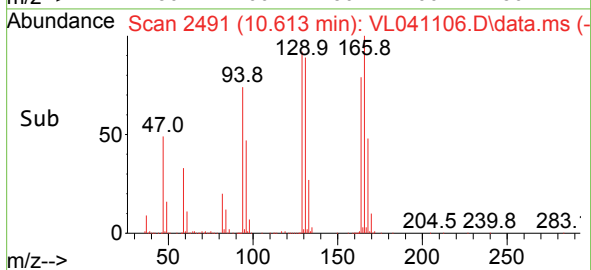
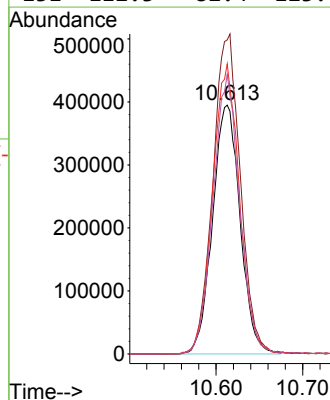
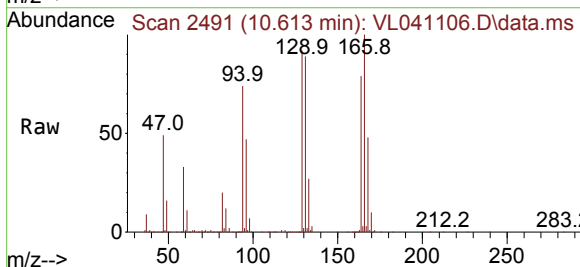
Ion Ratio Lower Upper

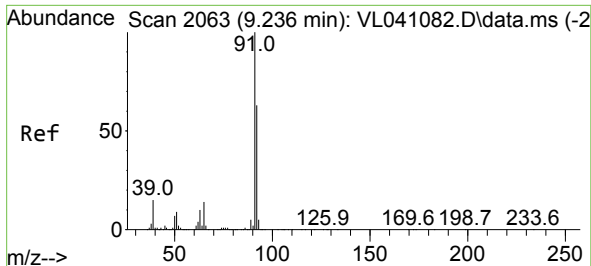
164 100

166 126.0 100.6 150.8

129 116.4 87.2 130.8

131 112.3 82.4 123.6





#53

Toluene

Concen: 10.863 ppbv

RT: 9.214 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

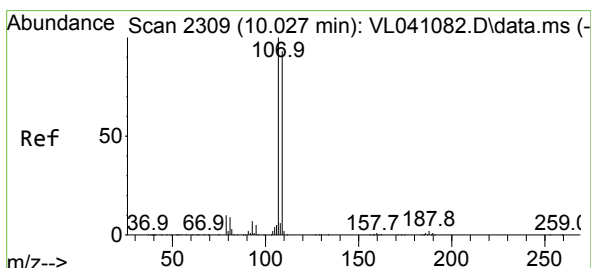
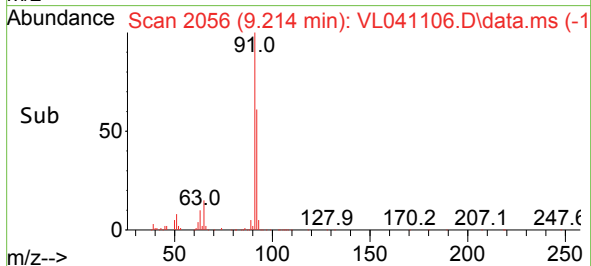
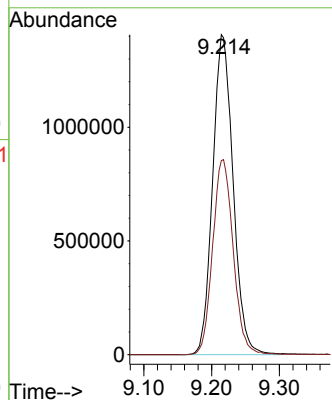
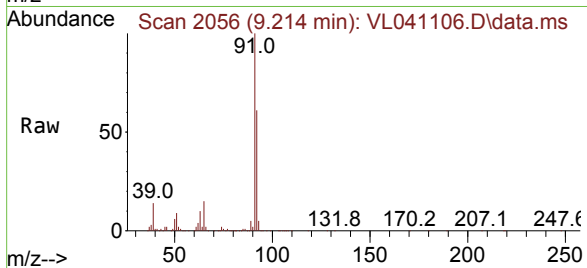
VL0314ABS01

Tgt Ion: 91 Resp: 2944328

Ion Ratio Lower Upper

91 100

92 61.5 48.9 73.3



#54

1,2-Dibromoethane

Concen: 10.440 ppbv

RT: 10.005 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VL041106.D

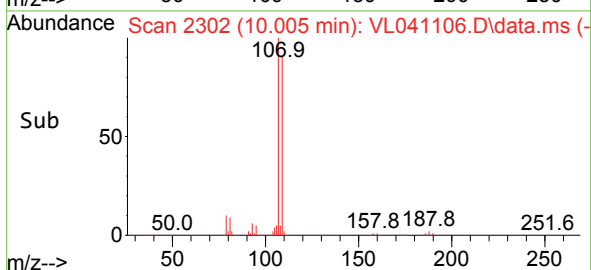
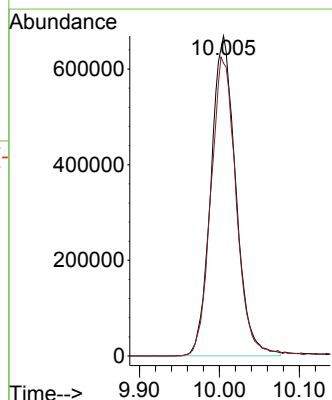
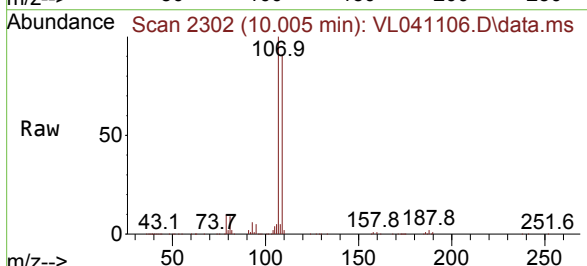
Acq: 14 Mar 2024 14:28

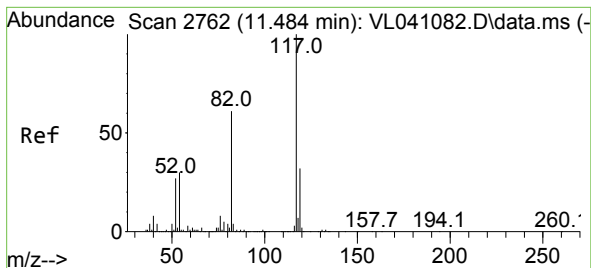
Tgt Ion: 107 Resp: 1440451

Ion Ratio Lower Upper

107 100

109 91.5 74.4 111.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

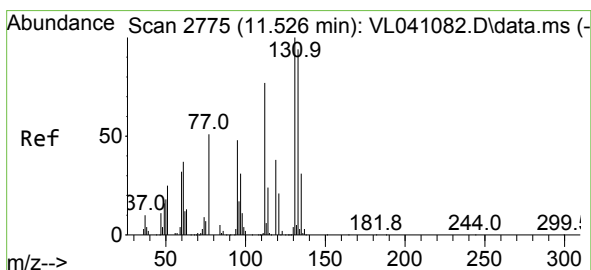
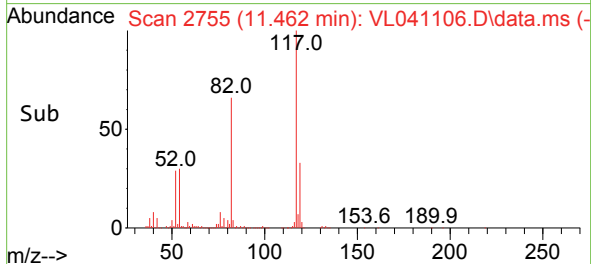
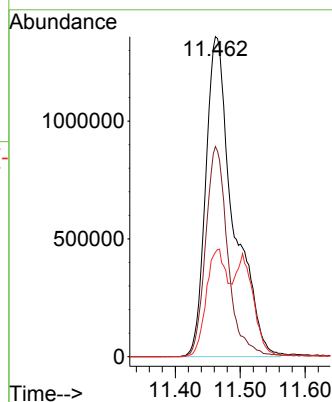
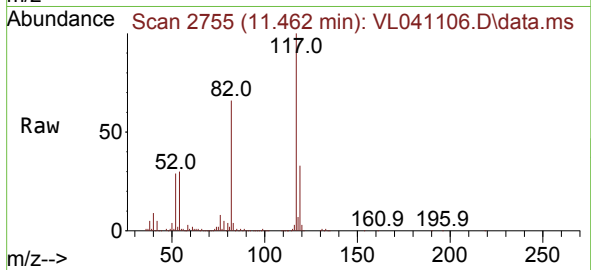
Tgt Ion:117 Resp: 4030375

Ion Ratio Lower Upper

117 100

82 52.9 51.4 77.2

119 23.7 23.7 35.5



#56

1,1,1,2-Tetrachloroethane

Concen: 7.944 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.010 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

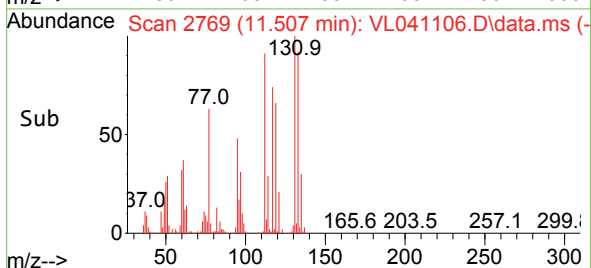
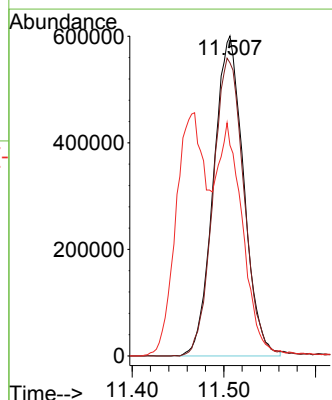
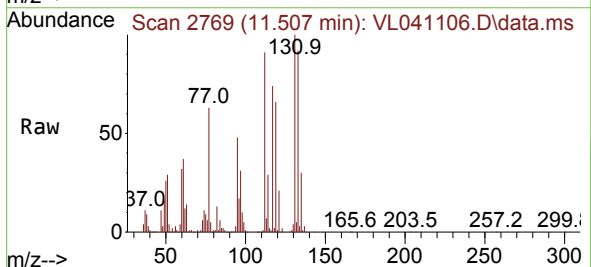
Tgt Ion:131 Resp: 1369875

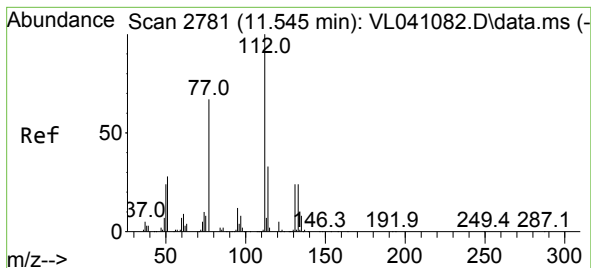
Ion Ratio Lower Upper

131 100

133 96.4 76.1 114.1

119 71.6 51.1 76.7

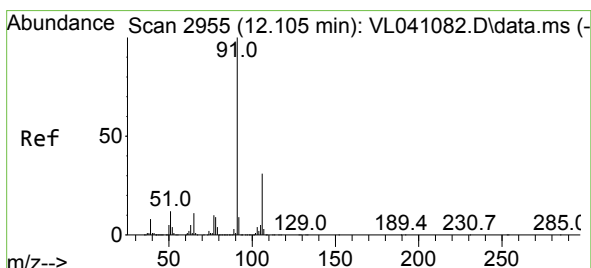
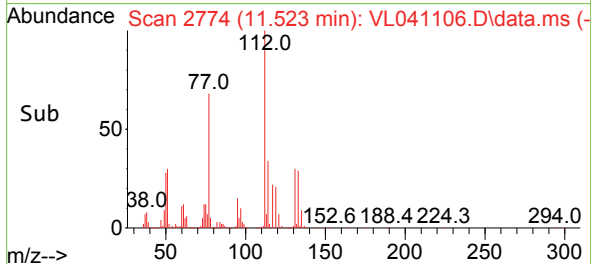
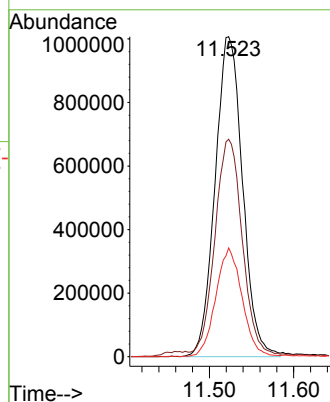
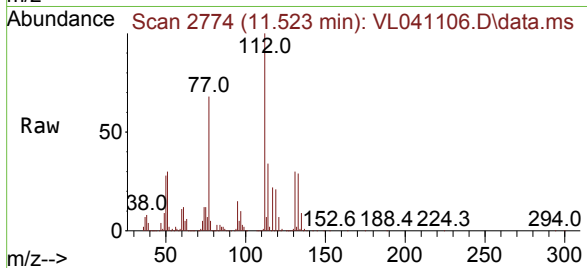




#57
Chlorobenzene
Concen: 8.024 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

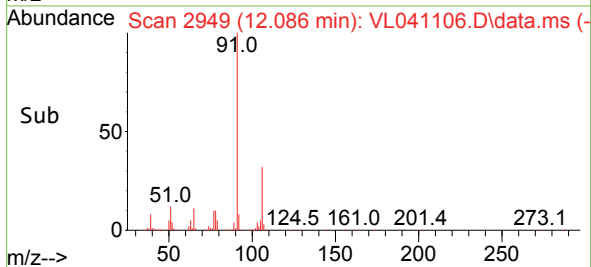
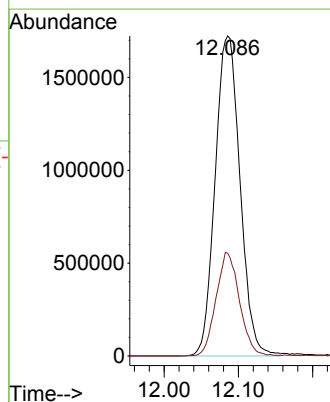
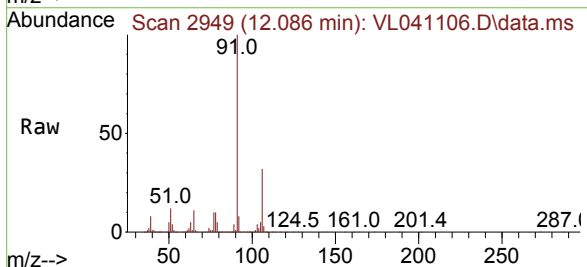
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

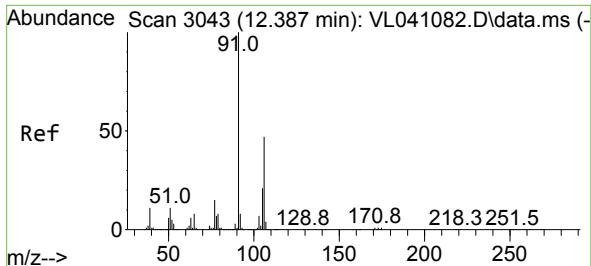
Tgt Ion:112 Resp: 2279665
Ion Ratio Lower Upper
112 100
77 67.1 54.6 81.8
114 33.9 29.4 36.0



#58
Ethyl Benzene
Concen: 8.510 ppbv
RT: 12.086 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 91 Resp: 4015812
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8





#59

m/p-Xylene

Concen: 8.749 ppbv

RT: 12.368 min Scan# 3043

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

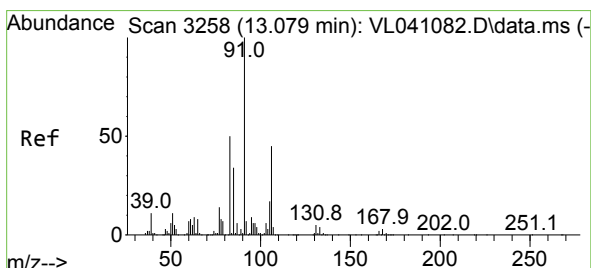
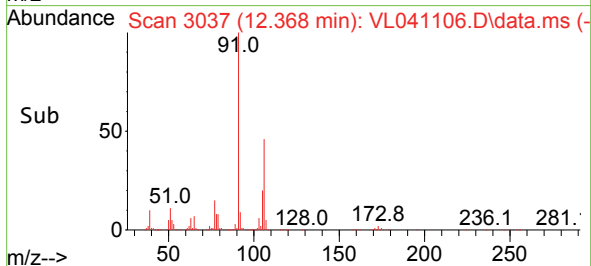
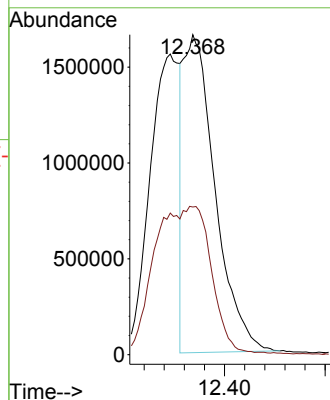
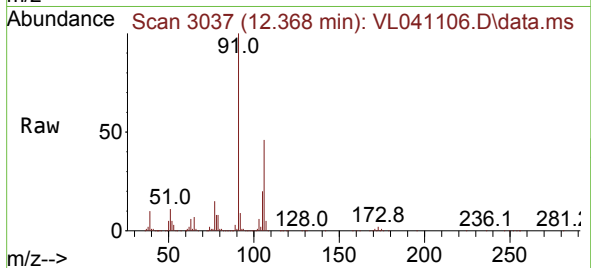
VL0314ABS01

Tgt Ion: 91 Resp: 3623733

Ion Ratio Lower Upper

91 100

106 84.8 35.4 53.2#



#60

o-Xylene

Concen: 8.424 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VL041106.D

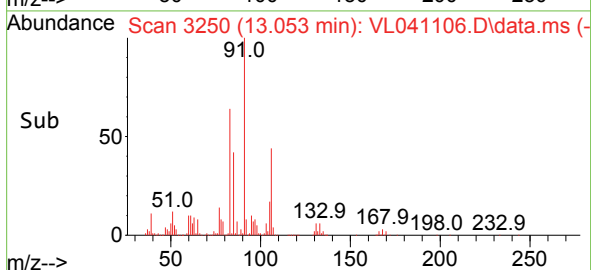
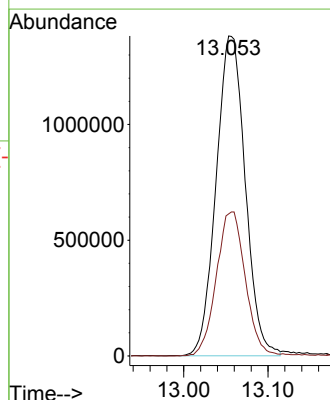
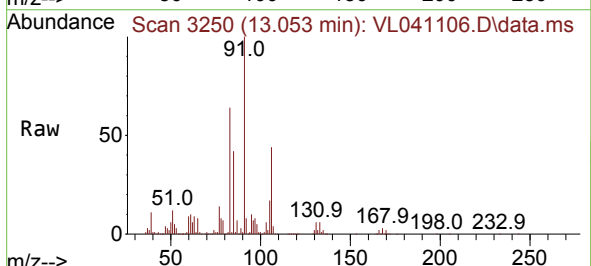
Acq: 14 Mar 2024 14:28

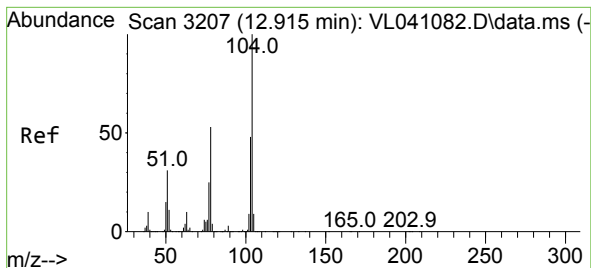
Tgt Ion: 91 Resp: 3312737

Ion Ratio Lower Upper

91 100

106 45.6 22.4 67.3





#61

Styrene

Concen: 9.418 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

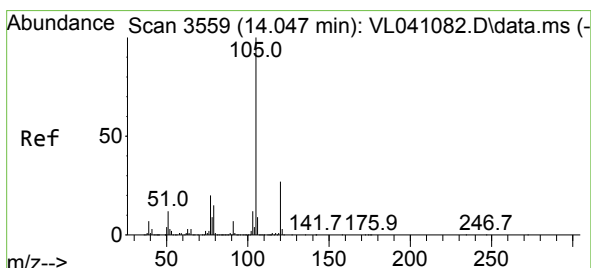
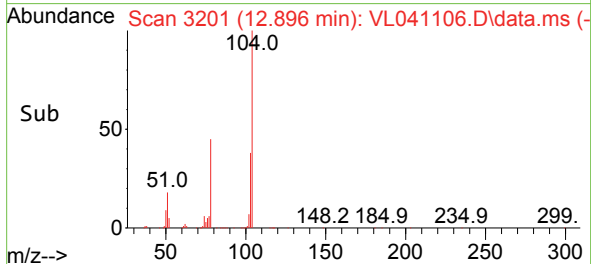
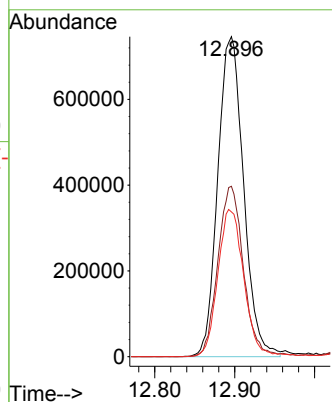
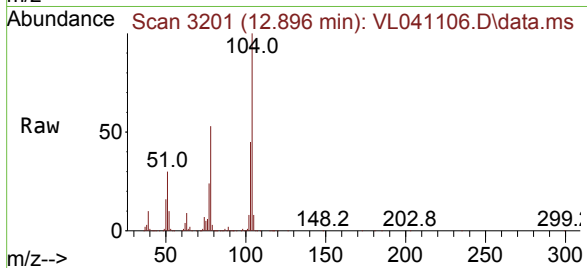
Tgt Ion:104 Resp: 1672485

Ion Ratio Lower Upper

104 100

78 53.0 42.6 64.0

103 46.6 37.3 55.9



#62

Isopropylbenzene

Concen: 8.234 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. 0.006 min

Lab File: VL041106.D

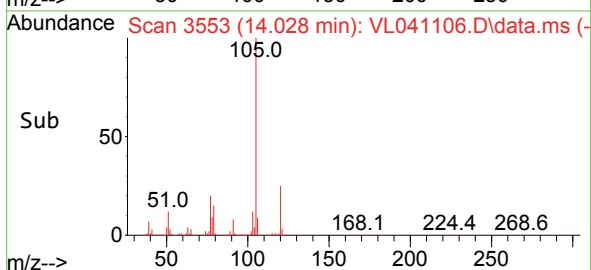
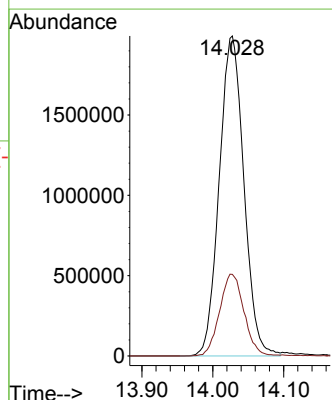
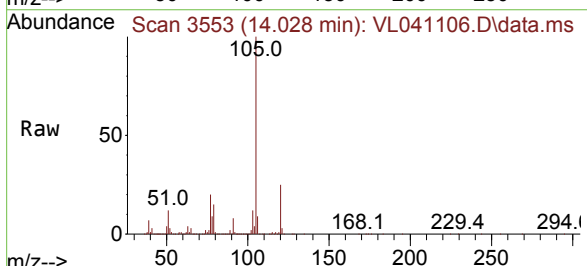
Acq: 14 Mar 2024 14:28

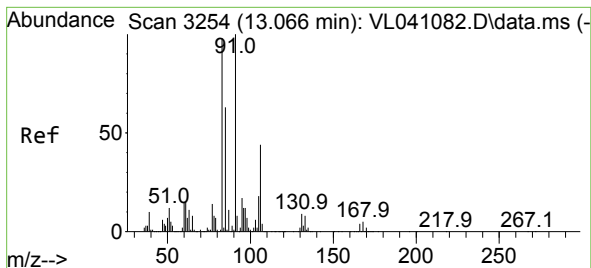
Tgt Ion:105 Resp: 4810334

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

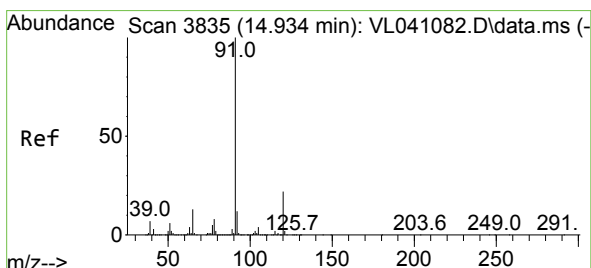
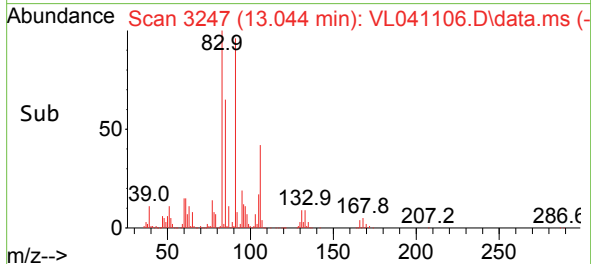
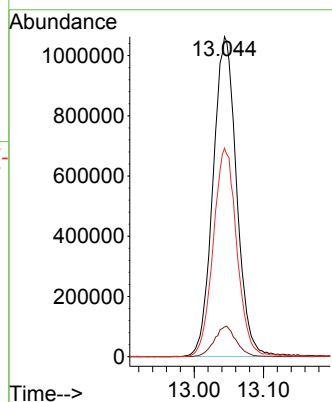
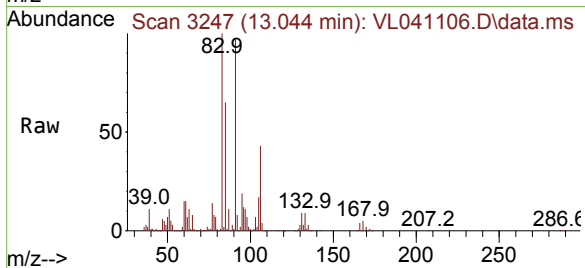




#63
1,1,2,2-Tetrachloroethane
Concen: 8.475 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

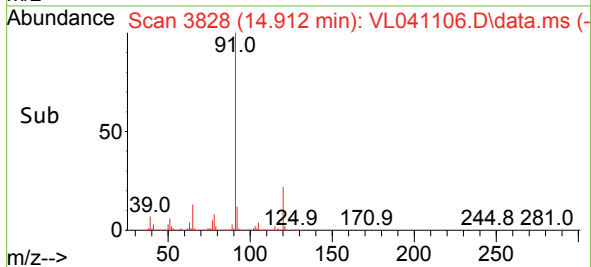
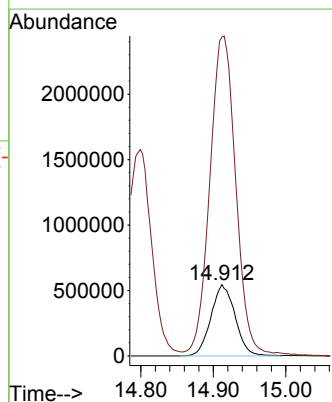
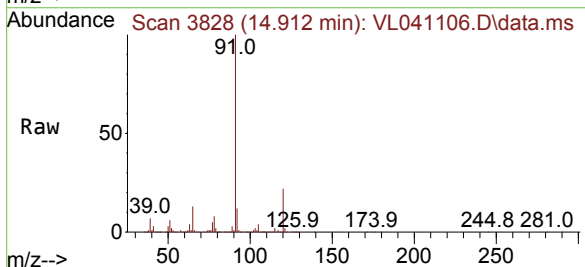
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

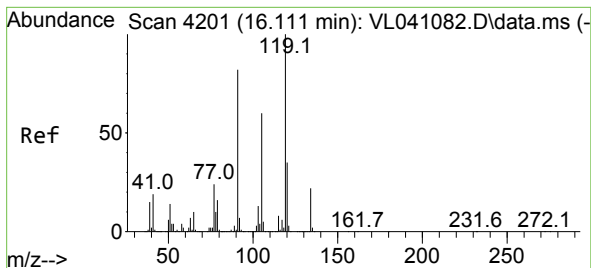
Tgt Ion: 83 Resp: 2505133
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.0
85 65.6 32.7 98.1



#64
n-propylbenzene
Concen: 8.596 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.006 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 120 Resp: 1263589
Ion Ratio Lower Upper
120 100
91 484.7 387.5 581.3





#65

tert-Butylbenzene

Concen: 8.344 ppbv

RT: 16.089 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

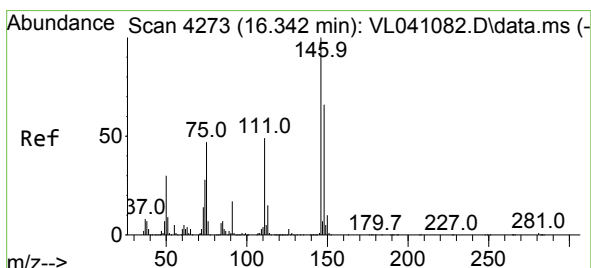
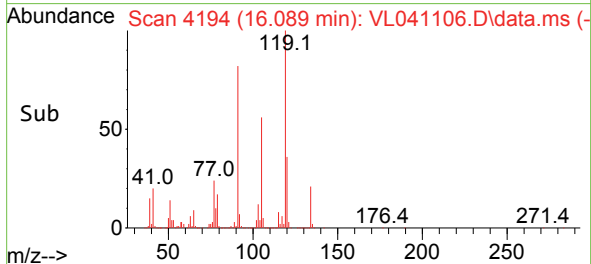
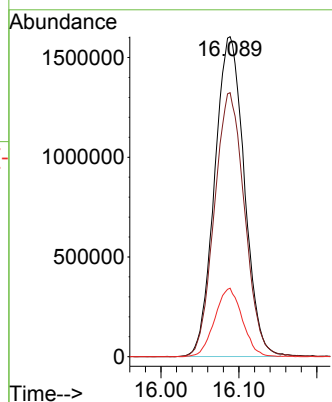
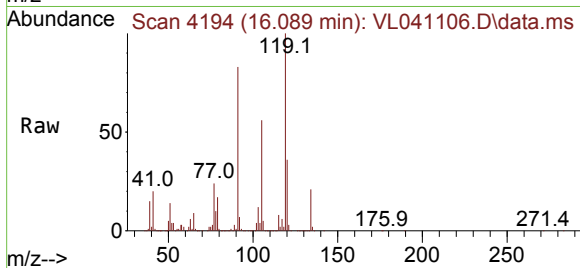
Tgt Ion:119 Resp: 4237016

Ion Ratio Lower Upper

119 100

91 84.4 67.8 101.8

134 20.0 16.2 24.2



#66

Benzyl Chloride

Concen: 2.574 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

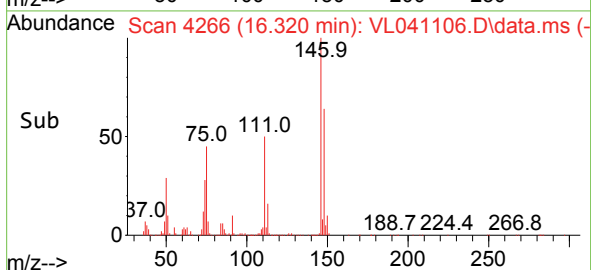
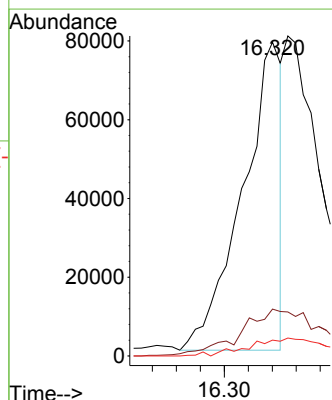
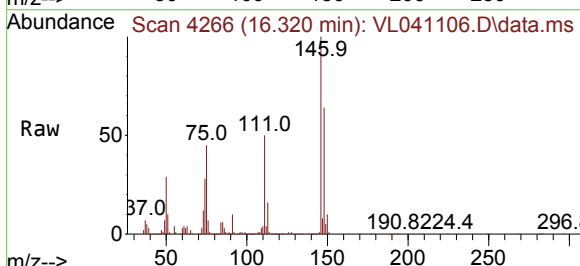
Tgt Ion: 91 Resp: 88561

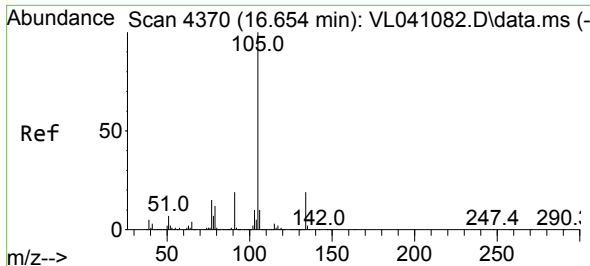
Ion Ratio Lower Upper

91 100

126 34.6 14.1 21.1#

128 0.0 4.6 7.0#

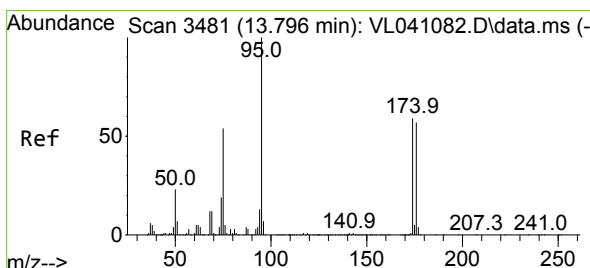
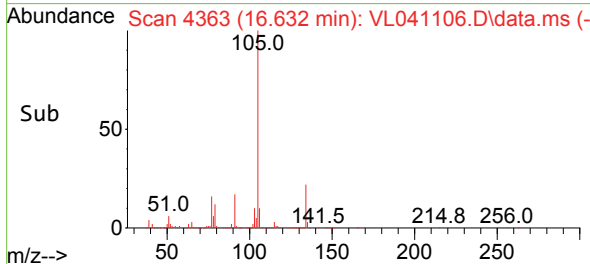
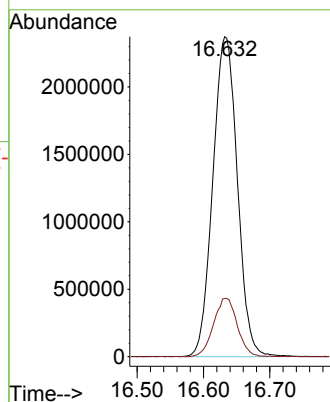
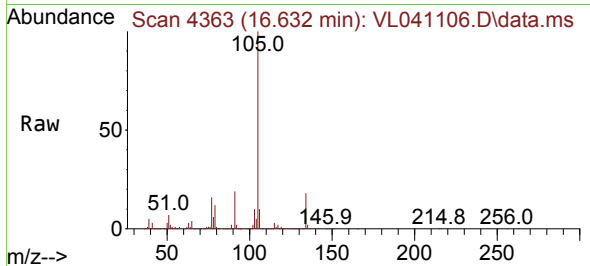




#67
 sec-Butylbenzene
 Concen: 8.331 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

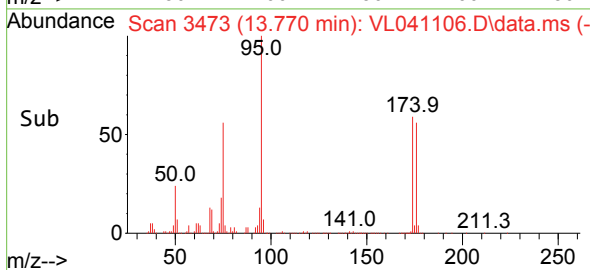
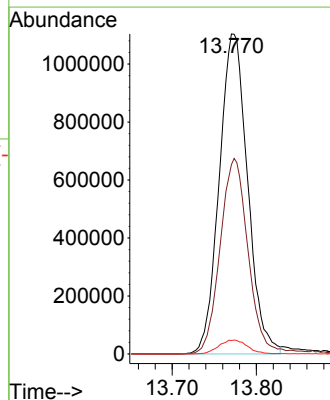
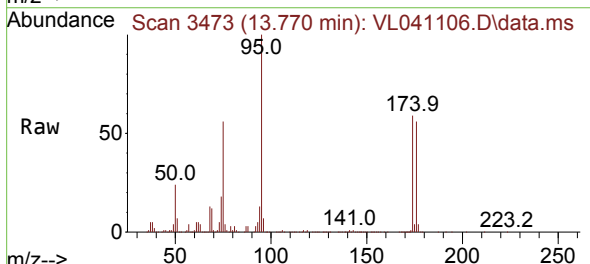
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

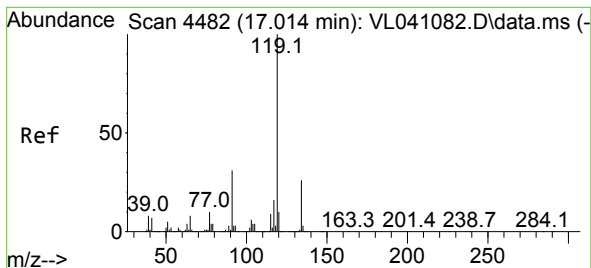
Tgt Ion:105 Resp: 6084831
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.191 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.006 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Tgt Ion: 95 Resp: 2581163
 Ion Ratio Lower Upper
 95 100
 174 60.8 47.8 71.8
 175 4.5 3.5 5.3





#69

p-Isopropyltoluene

Concen: 8.557 ppbv

RT: 16.989 min Scan# 4482

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

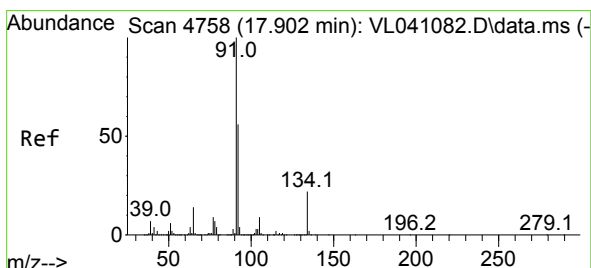
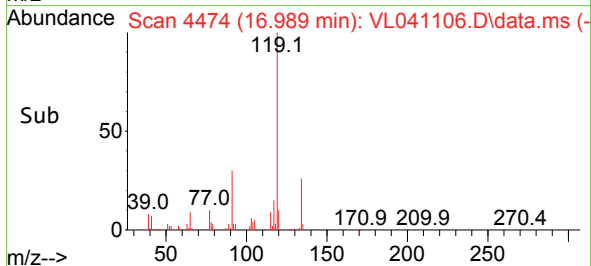
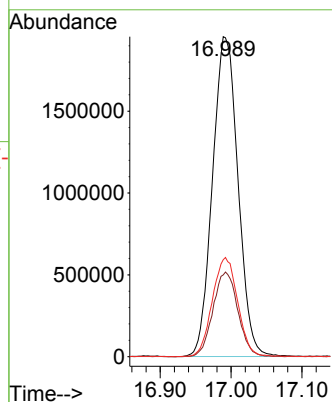
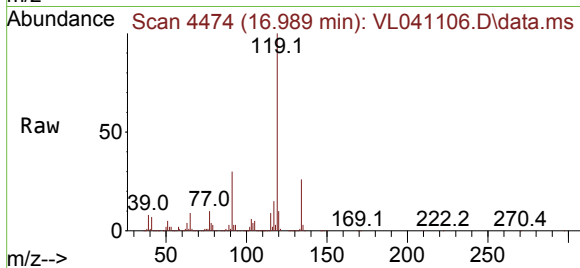
Tgt Ion:119 Resp: 4875362

Ion Ratio Lower Upper

119 100

134 26.1 20.6 30.8

91 31.0 24.7 37.1



#70

n-Butylbenzene

Concen: 8.585 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

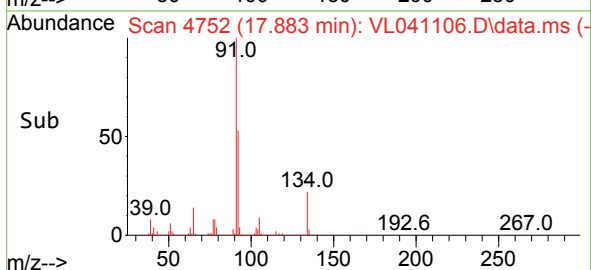
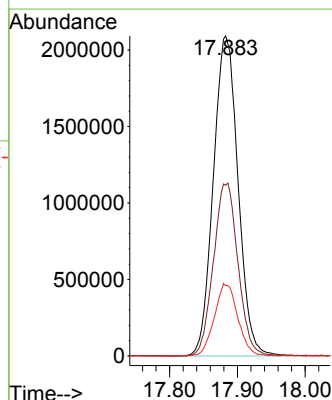
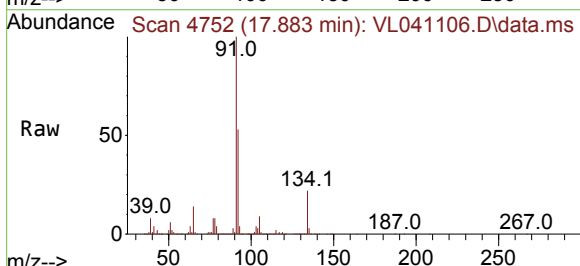
Tgt Ion: 91 Resp: 5286224

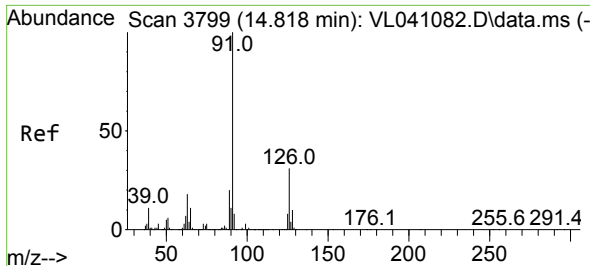
Ion Ratio Lower Upper

91 100

92 53.8 43.4 65.2

134 21.5 17.4 26.0

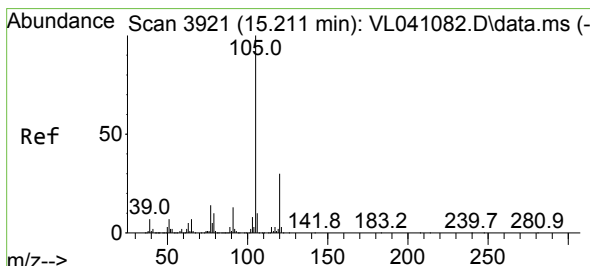
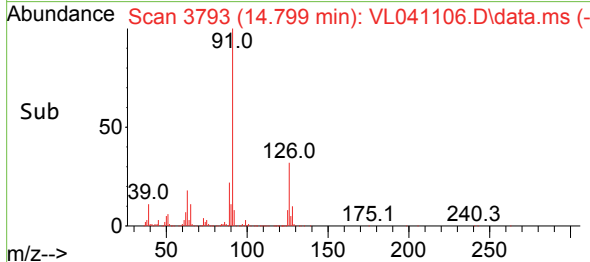
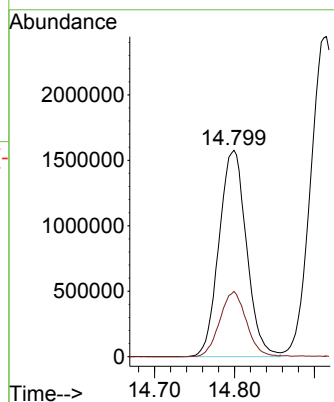
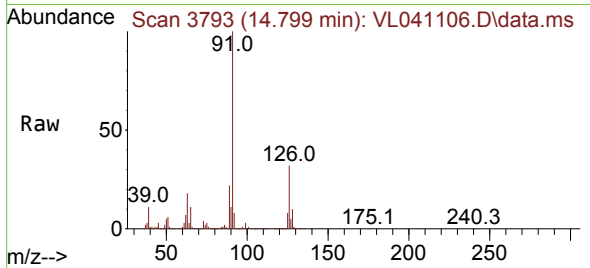




#71
2-Chlorotoluene
Concen: 8.410 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

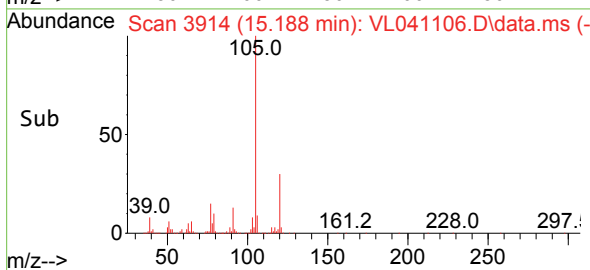
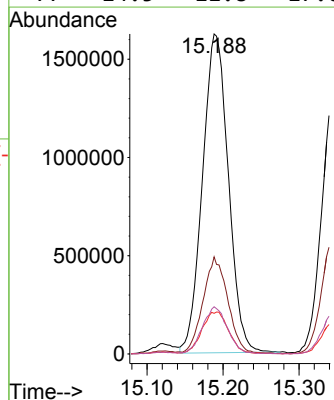
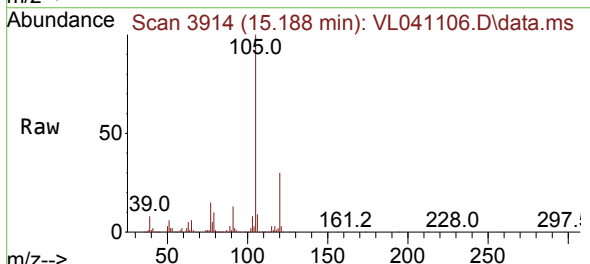
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

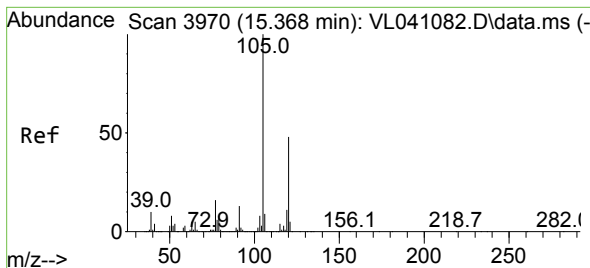
Tgt Ion: 91 Resp: 3758083
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8



#72
4-Ethyltoluene
Concen: 8.850 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:105 Resp: 3831850
Ion Ratio Lower Upper
105 100
120 29.4 23.8 35.8
91 13.7 10.9 16.3
77 14.5 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 8.701 ppbv

RT: 15.346 min Scan# 3970

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

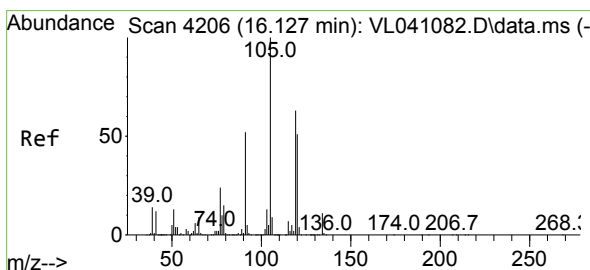
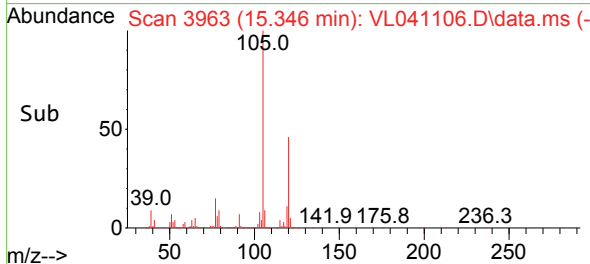
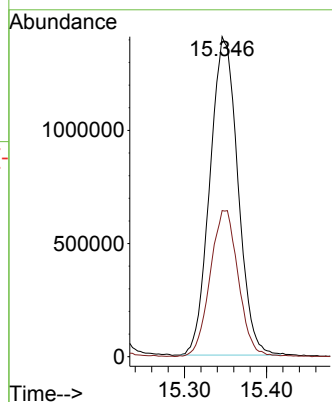
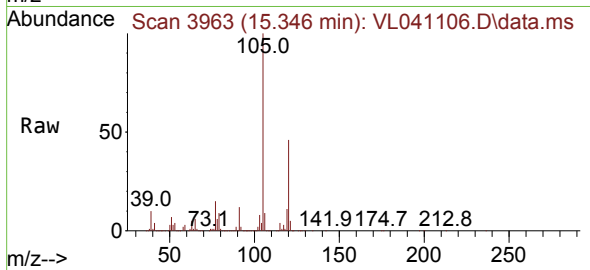
VL0314ABS01

Tgt Ion:105 Resp: 3334060

Ion Ratio Lower Upper

105 100

120 45.6 38.7 58.1



#74

1,2,4-Trimethylbenzene

Concen: 8.427 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Tgt Ion:105 Resp: 3687689

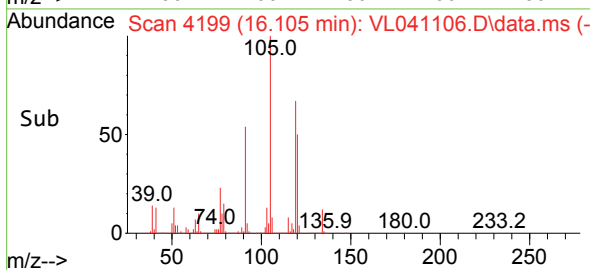
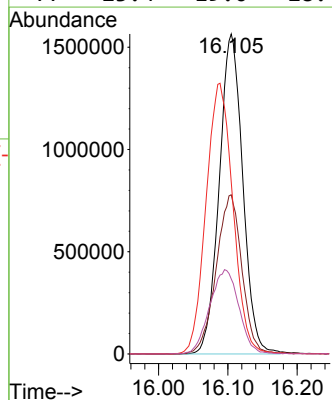
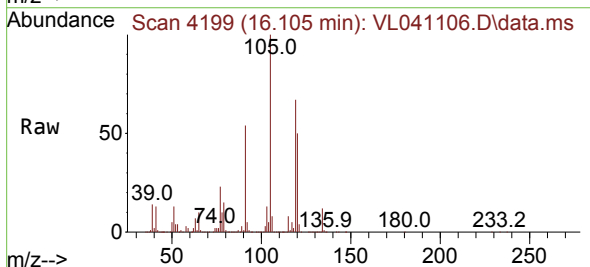
Ion Ratio Lower Upper

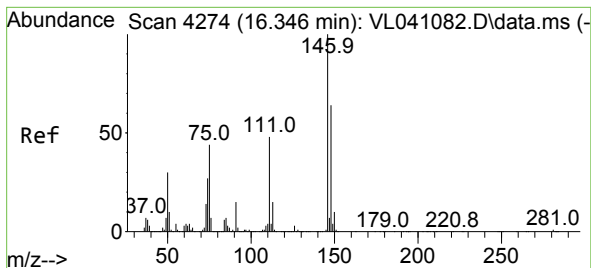
105 100

120 49.7 40.4 60.6

91 53.5 41.4 62.0

77 23.4 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 8.443 ppbv

RT: 16.326 min Scan# 4313

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

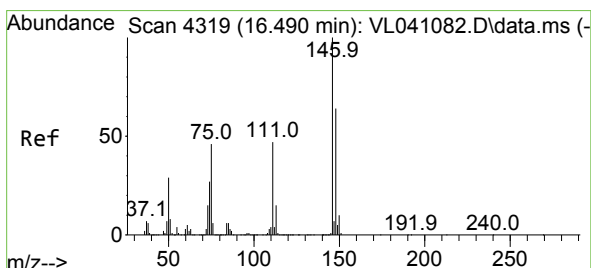
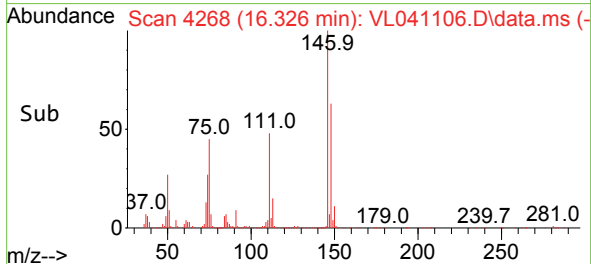
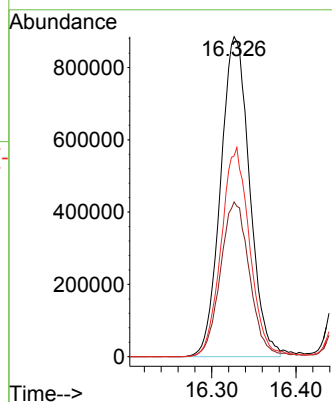
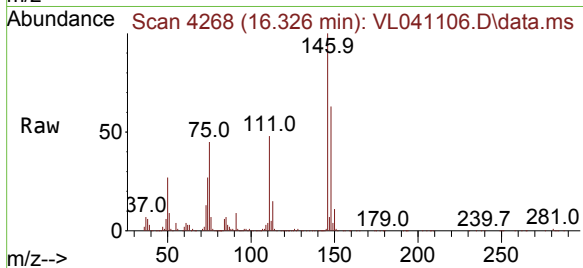
Tgt Ion:146 Resp: 2110136

Ion Ratio Lower Upper

146 100

111 49.0 24.1 72.2

148 64.6 32.6 97.7



#76

1,4-Dichlorobenzene

Concen: 8.155 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

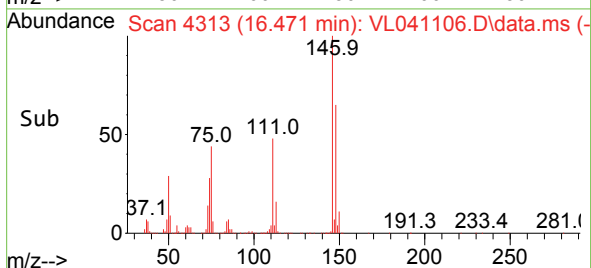
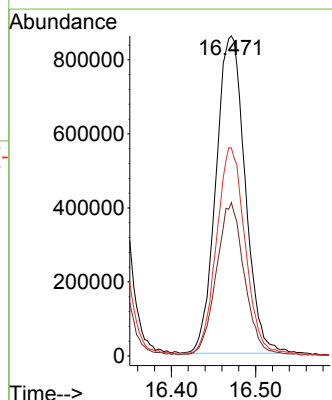
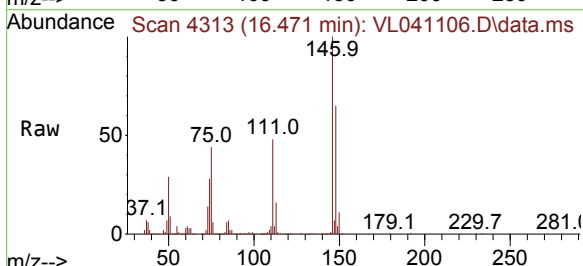
Tgt Ion:146 Resp: 2053617

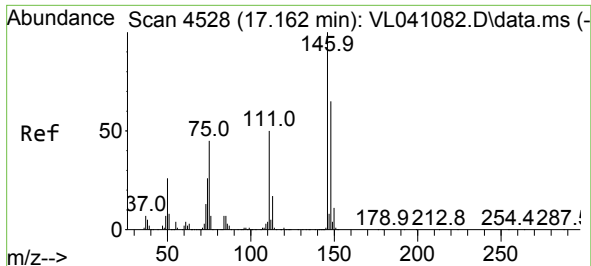
Ion Ratio Lower Upper

146 100

111 47.2 23.9 71.7

148 65.7 32.9 98.6

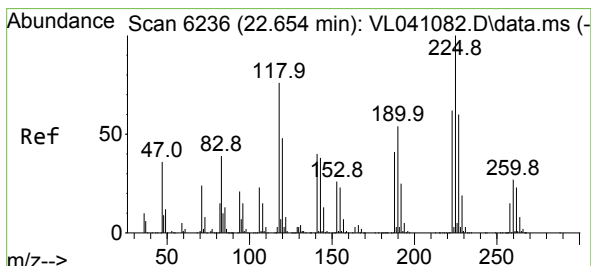
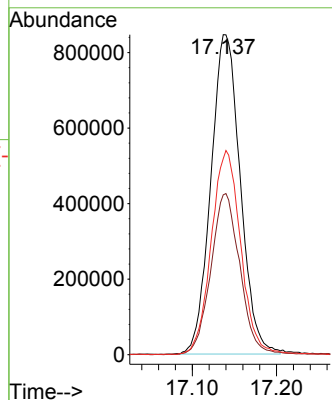
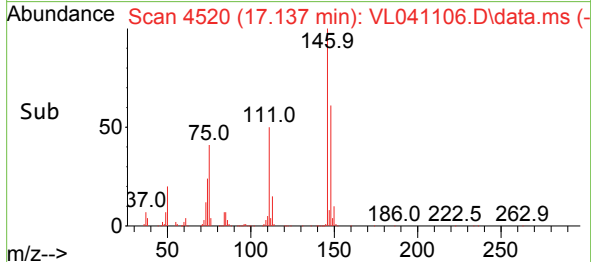
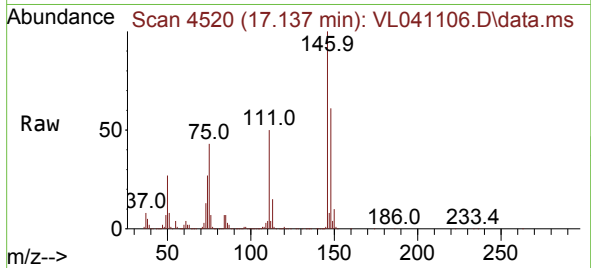




#77
1,2-Dichlorobenzene
Concen: 8.411 ppbv
RT: 17.137 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

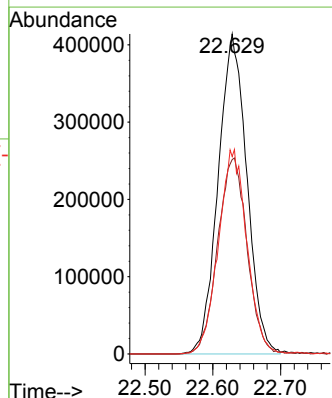
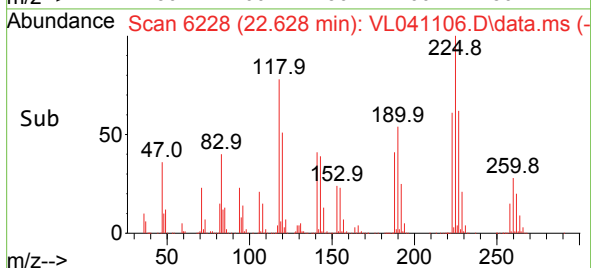
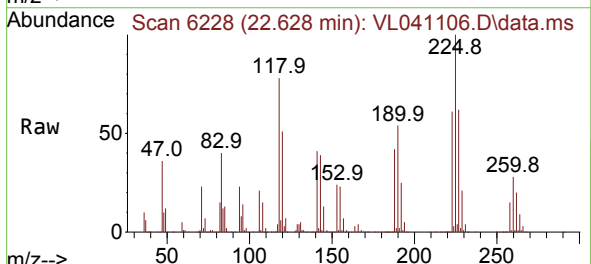
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

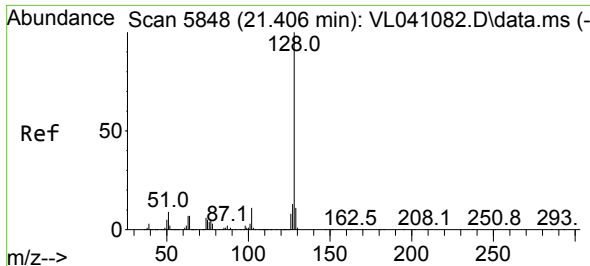
Tgt Ion:146 Resp: 2053961
Ion Ratio Lower Upper
146 100
111 50.0 25.2 75.6
148 64.3 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 7.072 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:225 Resp: 1215817
Ion Ratio Lower Upper
225 100
223 63.3 51.1 76.7
227 63.7 51.1 76.7

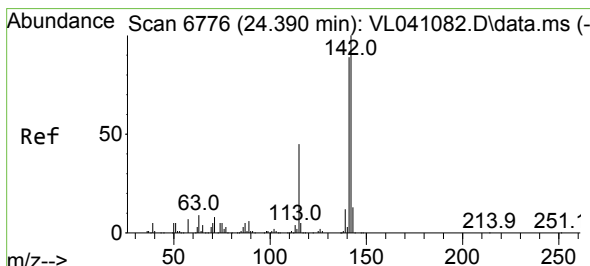
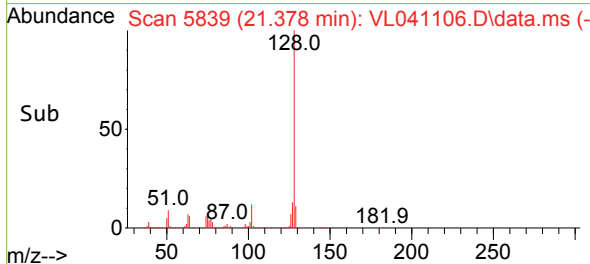
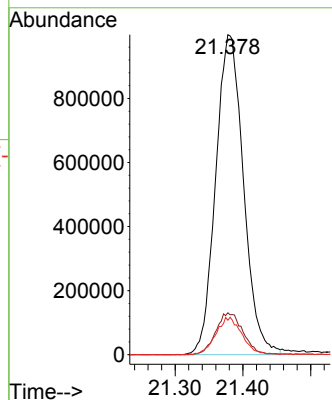
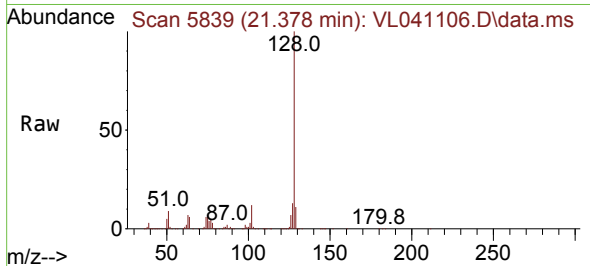




#79
Naphthalene
Concen: 11.208 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

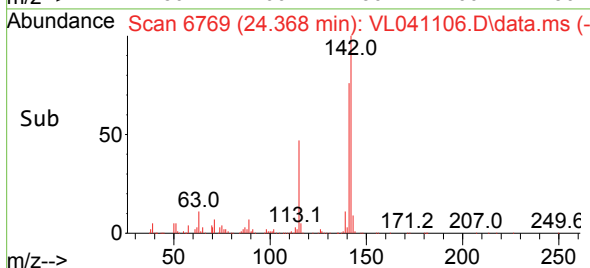
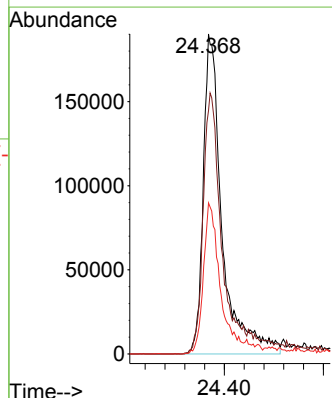
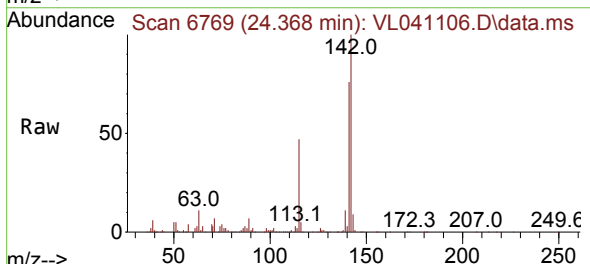
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

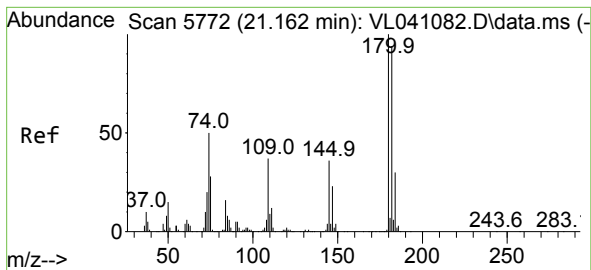
Tgt Ion:128 Resp: 2840414
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 9.0 13.6



#80
Naphthalene,2-methyl-
Concen: 12.402 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:142 Resp: 503806
Ion Ratio Lower Upper
142 100
141 85.6 61.3 91.9
115 46.2 35.4 53.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.532 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

Tgt Ion:180 Resp: 1391162
 Ion Ratio Lower Upper
 180 100
 182 98.2 78.7 118.1
 184 30.7 25.3 37.9

