

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041176.D
 Acq On : 25 Apr 2024 18:33
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Apr 26 03:16:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 26 03:09:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1154601	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2945735	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2974725	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2382647	9.961	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	1787728	9.052	ppbv	99
3) Chlorodifluoromethane	2.677	51	1867232	10.500	ppbv	99
4) Chloromethane	2.816	50	708163	10.523	ppbv	98
5) Vinyl Chloride	2.922	62	736282	11.326	ppbv	97
6) Bromomethane	3.118	94	267513	10.932	ppbv	96
7) Chloroethane	3.195	64	253109	10.609	ppbv	97
8) Dichlorotetrafluoroethane	2.861	85	1802273	10.697	ppbv	99
9) Propene	2.697	41	629378	11.125	ppbv	94
10) Heptane	7.561	43	1561160	11.623	ppbv	99
11) Trichlorofluoromethane	3.558	101	1841789	10.284	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.060	101	1314382	10.140	ppbv	100
13) Ethanol	3.240	45	130256	9.680	ppbv	96
14) Bromoethene	3.362	108	568755	11.140	ppbv	98
15) Acetone	3.465	43	1341881	10.733	ppbv	100
16) 1,3-Butadiene	2.986	39	696179	11.344	ppbv	99
17) tert-Butyl alcohol	3.870	59	1232008	10.881	ppbv	100
18) 1,1-Dichloroethene	3.874	96	590650	10.673	ppbv	95
19) Isopropyl Alcohol	3.571	45	860746	11.333	ppbv	99
20) Methylene Chloride	3.928	84	506534	9.824	ppbv	97
21) Allyl Chloride	3.993	41	829700	10.892	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	605968	10.444	ppbv	99
23) Vinyl Acetate	4.616	43	1456653	11.406	ppbv	98
24) 1,1-Dichloroethane	4.555	63	1250027	10.757	ppbv	99
25) Ethyl Acetate	5.192	43	2670915	11.376	ppbv	100
26) Hexane	5.201	57	1130245	10.729	ppbv	98
27) Carbon Disulfide	4.118	76	1450878	11.240	ppbv	98
28) Methyl tert-Butyl Ether	4.578	73	845915	10.640	ppbv	100
29) Chloroform	5.263	83	1946707	10.962	ppbv	98
30) Cyclohexane	6.587	84	961981	11.210	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1146946	11.502	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1909055	11.629	ppbv	100
34) 2-Butanone	4.774	43	1389287	11.145	ppbv	99
35) Carbon Tetrachloride	6.478	117	1978415	11.797	ppbv	96
36) Benzene	6.356	78	2435982	11.261	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1454409	11.198	ppbv	99
38) Trichloroethene	7.275	130	981585	12.560	ppbv	98
39) 1,2-Dichloropropane	7.053	63	963183	11.292	ppbv	97
40) 1,4-Dioxane	7.269	88	376785	12.675	ppbv	77
41) Tetrahydrofuran	5.545	42	980491	11.814	ppbv	100
42) Bromodichloromethane	7.234	83	2140976	11.538	ppbv	98
43) Methyl Methacrylate	7.455	69	1023062	12.416	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	4079844	11.392	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	704090	14.500	ppbv	97

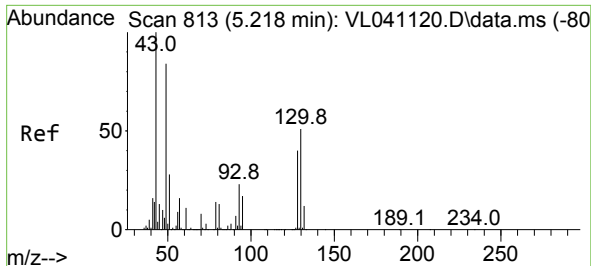
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041176.D
 Acq On : 25 Apr 2024 18:33
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Apr 26 03:16:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 26 03:09:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	854543	13.602	ppbv	98
47) 1,1,2-Trichloroethane	8.877	97	1061055	11.510	ppbv	98
48) Dibromochloromethane	9.690	129	1796459	12.276	ppbv	100
49) Bromoform	12.384	173	1465632	12.642	ppbv	99
50) 4-Methyl-2-Pentanone	8.160	43	2637988	12.026	ppbv	99
51) 2-Hexanone	9.529	43	1919352	12.620	ppbv #	99
52) Tetrachloroethene	10.590	164	832996	12.069	ppbv	96
53) Toluene	9.201	91	2802884	12.306	ppbv	100
54) 1,2-Dibromoethane	9.986	107	1442536	12.547	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.487	131	1316559	10.769	ppbv	100
57) Chlorobenzene	11.507	112	2210294	10.854	ppbv	97
58) Ethyl Benzene	12.066	91	3830364	11.761	ppbv	97
59) m/p-Xylene	12.349	91	2803368	9.531	ppbv #	32
60) o-Xylene	13.037	91	3154940	11.321	ppbv	100
61) Styrene	12.873	104	1594174	12.909	ppbv	100
62) Isopropylbenzene	14.005	105	4629038	11.157	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.024	83	2417425	11.040	ppbv	99
64) n-propylbenzene	14.892	120	1213011	11.650	ppbv	97
65) tert-Butylbenzene	16.066	119	4109038	11.344	ppbv	100
66) Benzyl Chloride	16.304	91	288097	12.089	ppbv	99
67) sec-Butylbenzene	16.609	105	5849117	11.177	ppbv	99
69) p-Isopropyltoluene	16.969	119	4723502	11.575	ppbv	100
70) n-Butylbenzene	17.860	91	5171619	11.666	ppbv	100
71) 2-Chlorotoluene	14.777	91	3612589	11.352	ppbv	99
72) 4-Ethyltoluene	15.169	105	3637901	11.687	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	3187793	11.612	ppbv	96
74) 1,2,4-Trimethylbenzene	16.082	105	3564371	11.345	ppbv	98
75) 1,3-Dichlorobenzene	16.304	146	2080912	11.344	ppbv	99
76) 1,4-Dichlorobenzene	16.452	146	1997169	11.193	ppbv	100
77) 1,2-Dichlorobenzene	17.117	146	2010199	11.285	ppbv	100
78) Hexachloro-1,3-Butadiene	22.599	225	1235636	10.434	ppbv	99
79) Naphthalene	21.355	128	3013158	14.949	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	663941	16.910	ppbv	98
81) 1,2,4-Trichlorobenzene	21.114	180	1452433	12.854	ppbv	99

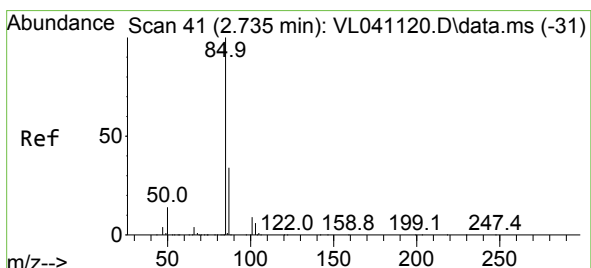
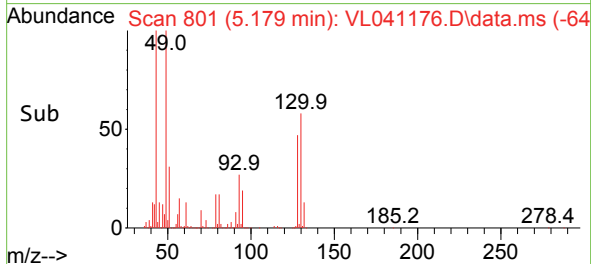
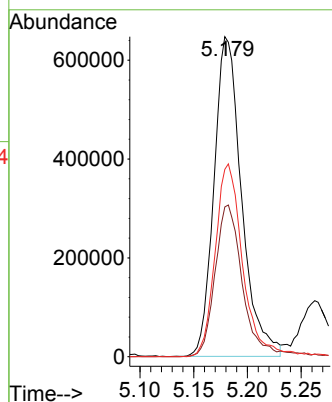
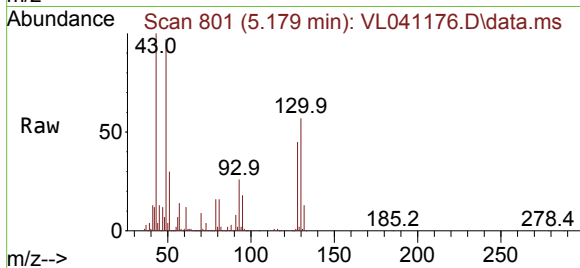
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

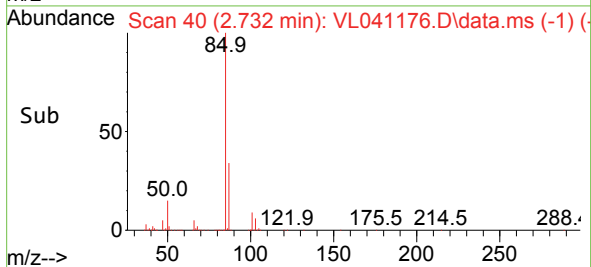
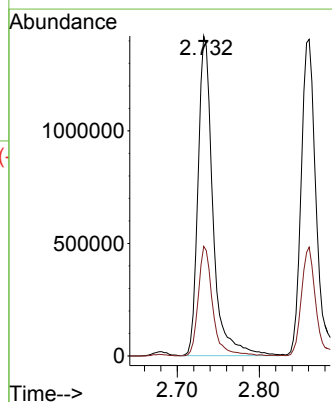
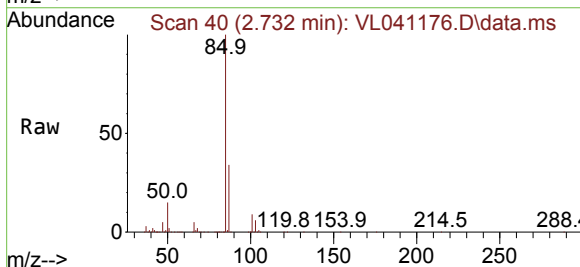
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

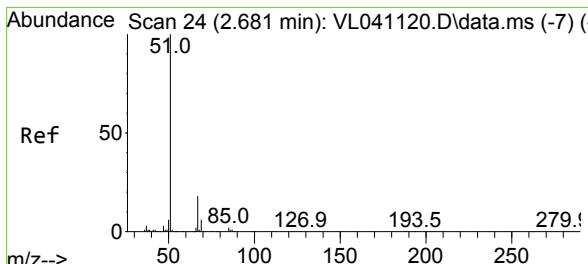
Tgt Ion: 49 Resp: 1154601
Ion Ratio Lower Upper
49 100
128 48.5 23.6 71.0
130 61.7 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 9.052 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 85 Resp: 1787728
Ion Ratio Lower Upper
85 100
87 34.2 27.0 40.6

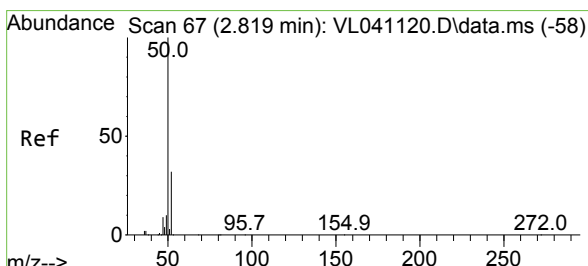
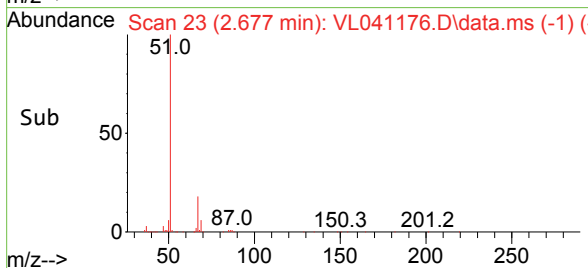
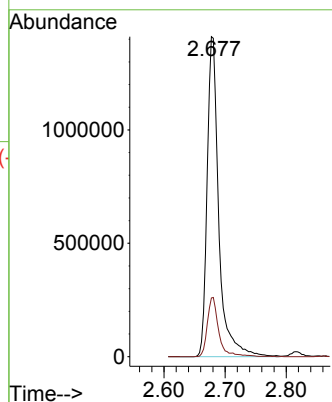
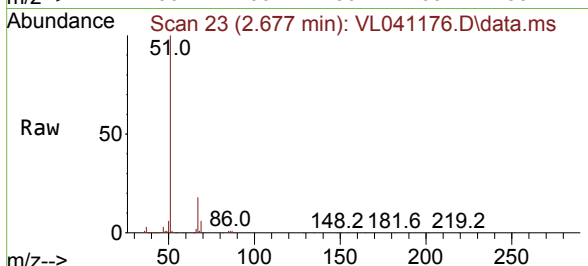




#3
Chlorodifluoromethane
Concen: 10.500 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

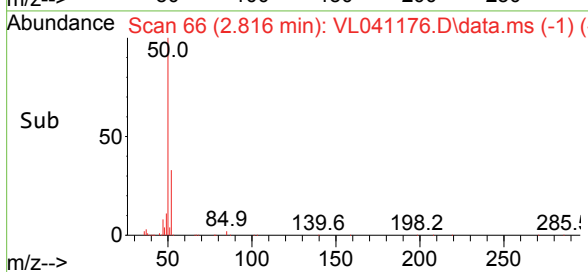
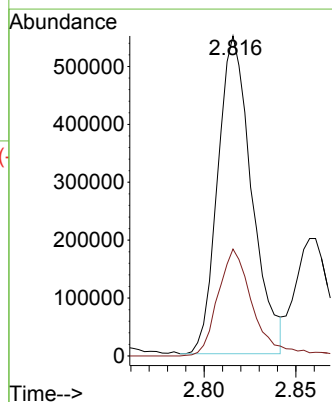
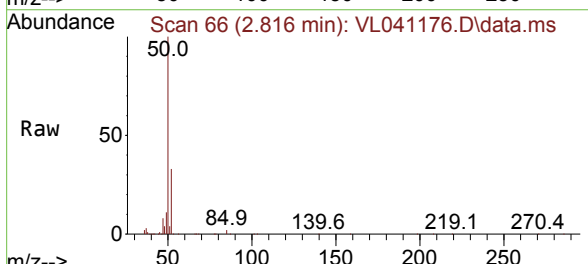
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ClientSampleId :
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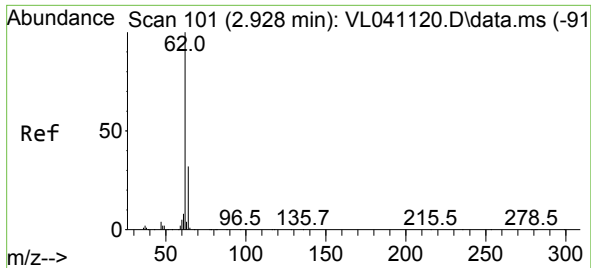
Tgt Ion: 51 Resp: 1867232
Ion Ratio Lower Upper
51 100
67 18.3 14.9 22.3



#4
Chloromethane
Concen: 10.523 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 50 Resp: 708163
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0

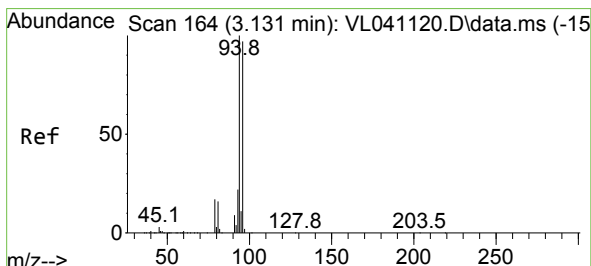
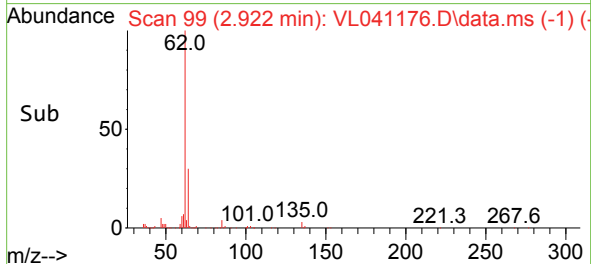
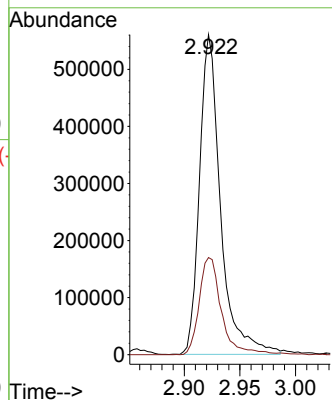
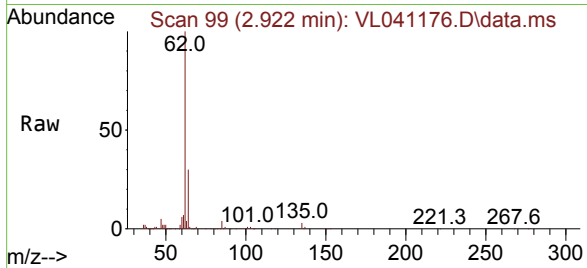




#5
 Vinyl Chloride
 Concen: 11.326 ppbv
 RT: 2.922 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

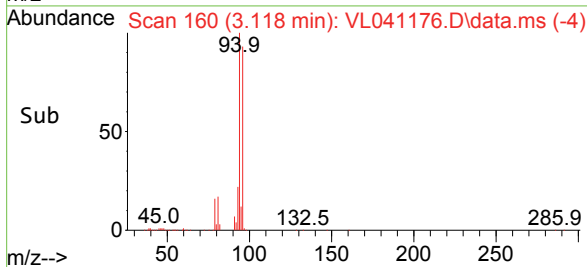
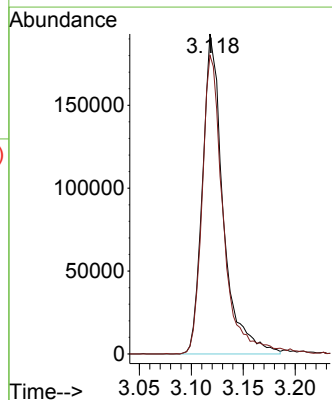
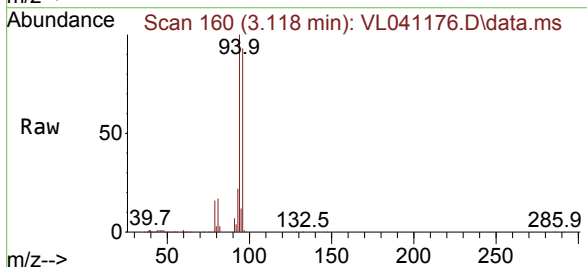
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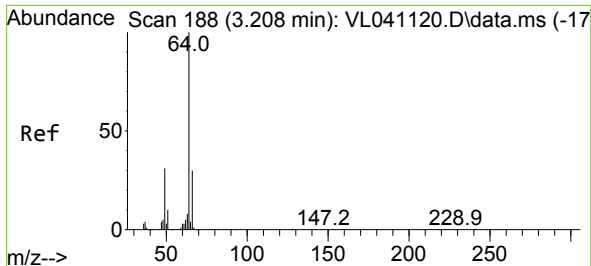
Tgt Ion: 62 Resp: 736282
 Ion Ratio Lower Upper
 62 100
 64 30.4 25.6 38.4



#6
 Bromomethane
 Concen: 10.932 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Tgt Ion: 94 Resp: 267513
 Ion Ratio Lower Upper
 94 100
 96 93.4 77.9 116.9

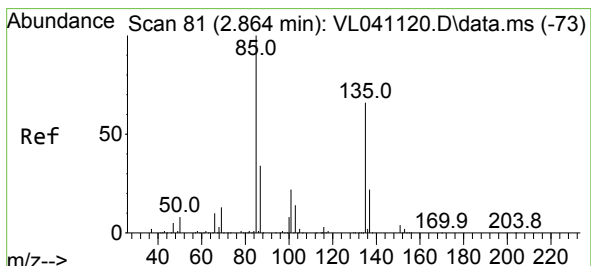
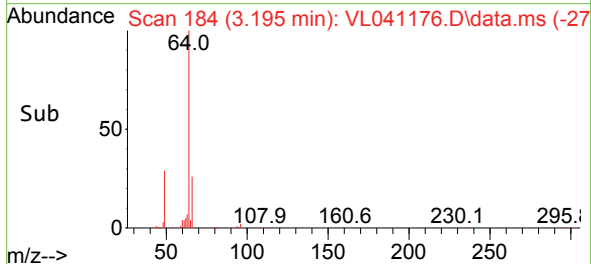
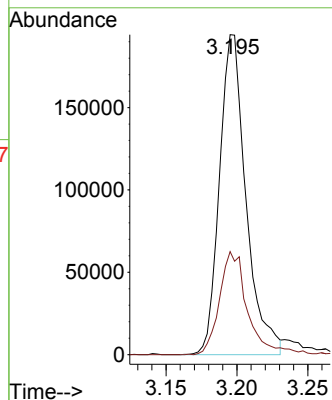
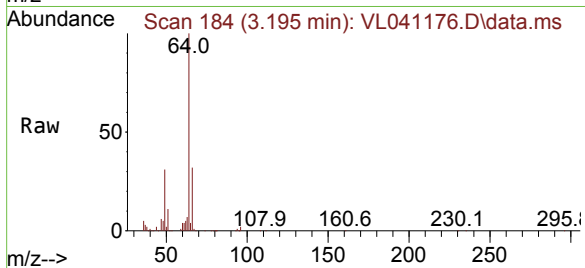




#7
Chloroethane
Concen: 10.609 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

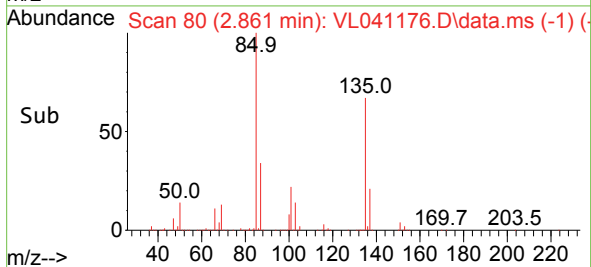
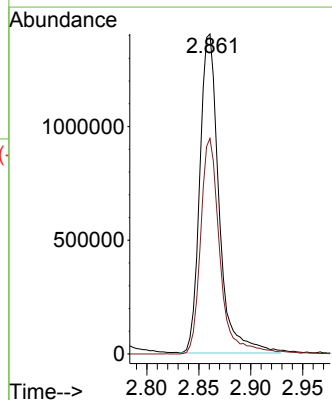
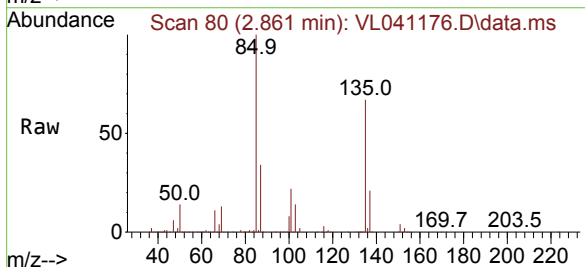
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ClientSampleId :
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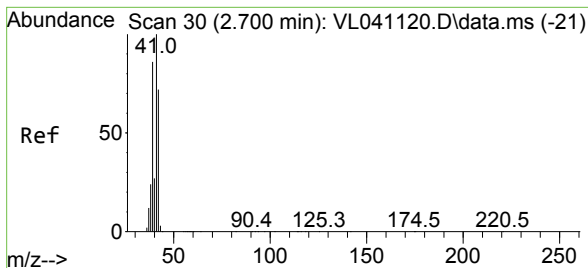
Tgt Ion: 64 Resp: 253109
Ion Ratio Lower Upper
64 100
66 32.2 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 10.697 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 85 Resp: 1802273
Ion Ratio Lower Upper
85 100
135 68.4 54.2 81.2





#9

Propene

Concen: 11.125 ppbv

RT: 2.697 min Scan# 29

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

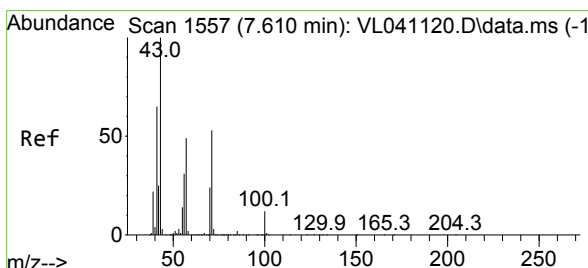
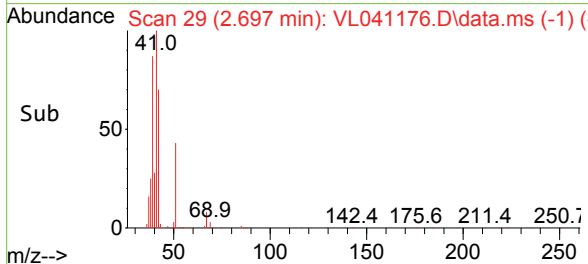
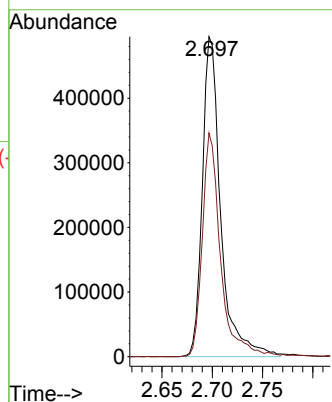
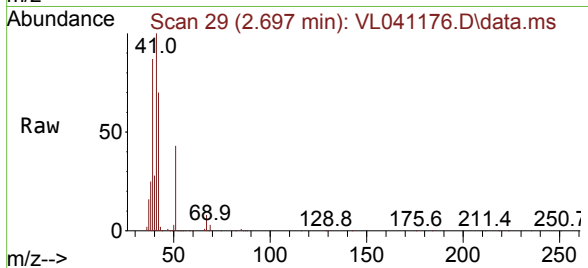
VSTDCCC010EC

Tgt Ion: 41 Resp: 629378

Ion Ratio Lower Upper

41 100

42 70.1 60.1 90.1



#10

Heptane

Concen: 11.623 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. 0.003 min

Lab File: VL041176.D

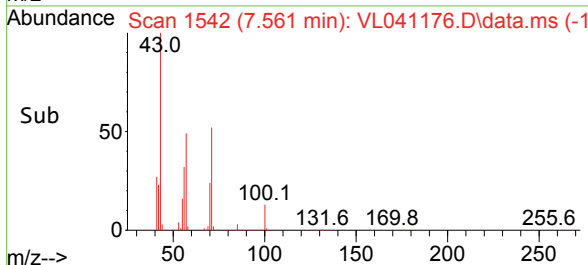
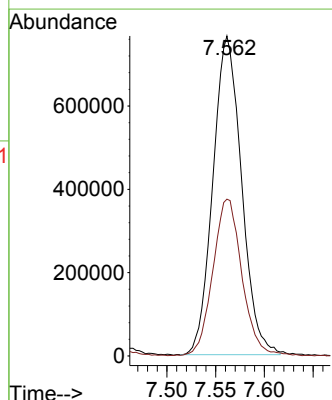
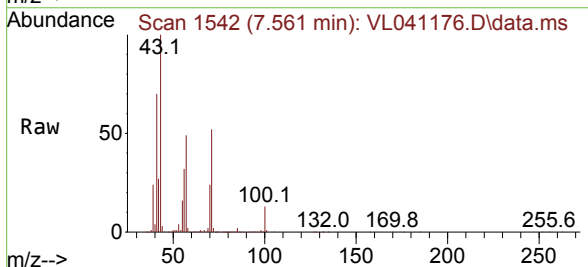
Acq: 25 Apr 2024 18:33

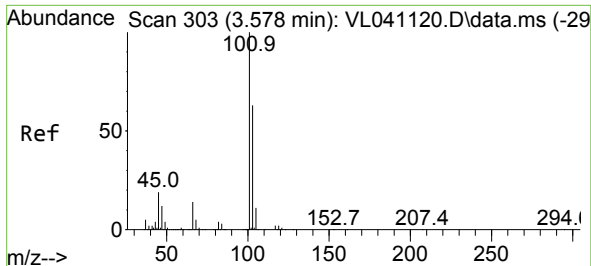
Tgt Ion: 43 Resp: 1561160

Ion Ratio Lower Upper

43 100

57 50.5 39.9 59.9

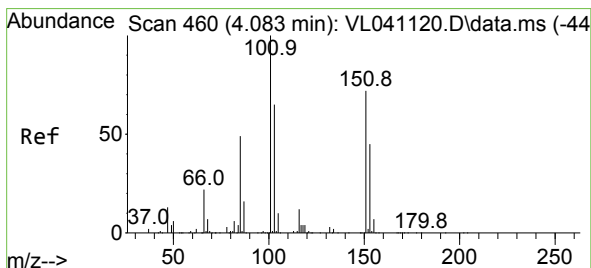
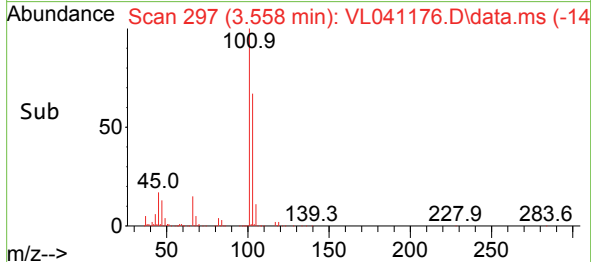
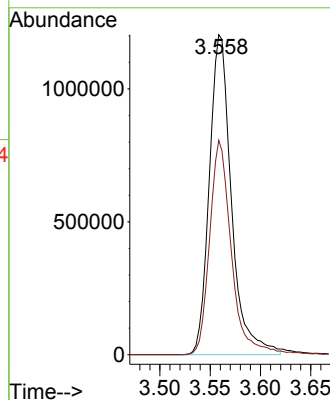
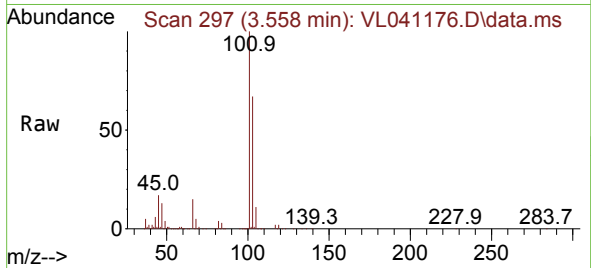




#11
 Trichlorofluoromethane
 Concen: 10.284 ppbv
 RT: 3.558 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

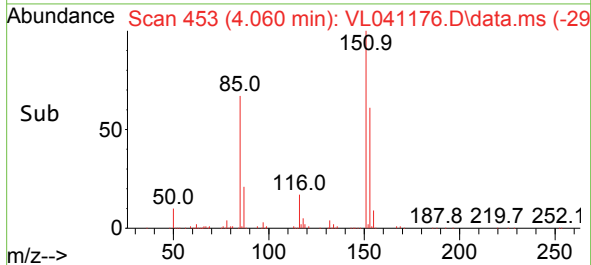
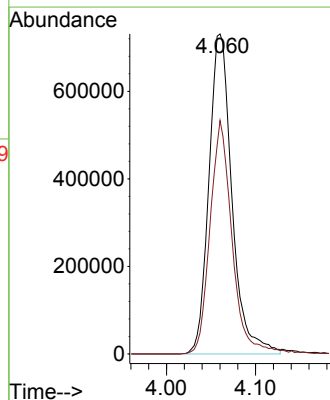
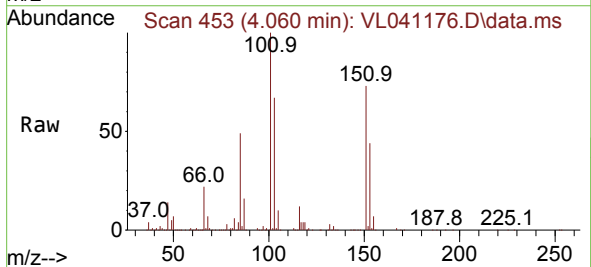
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

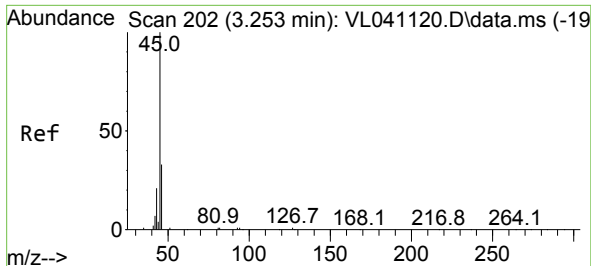
Tgt Ion:101 Resp: 1841789
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.140 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Tgt Ion:101 Resp: 1314382
 Ion Ratio Lower Upper
 101 100
 151 70.0 56.2 84.4

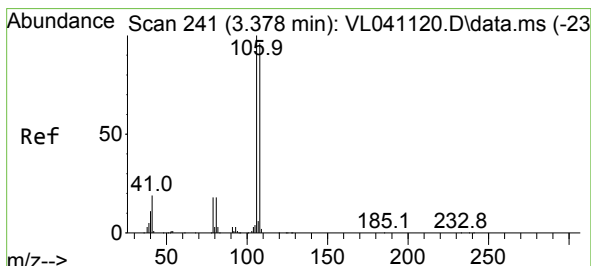
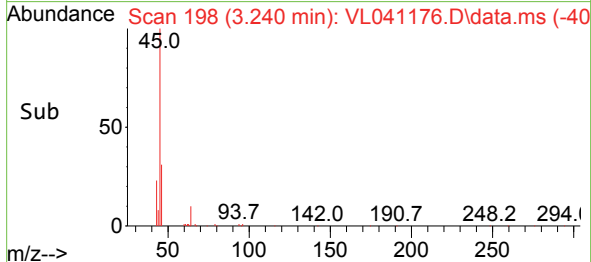
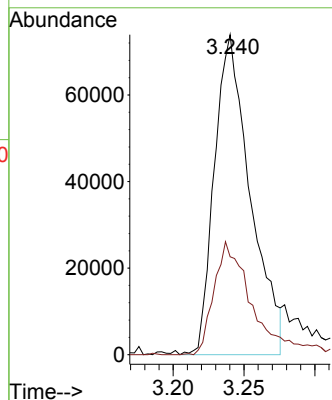
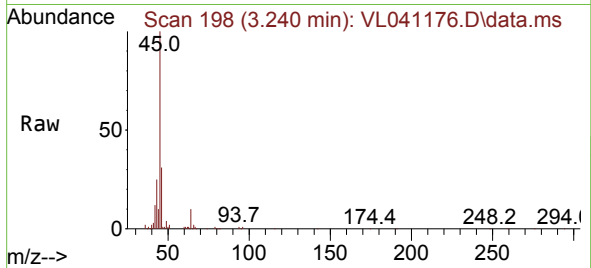




#13
Ethanol
Concen: 9.680 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

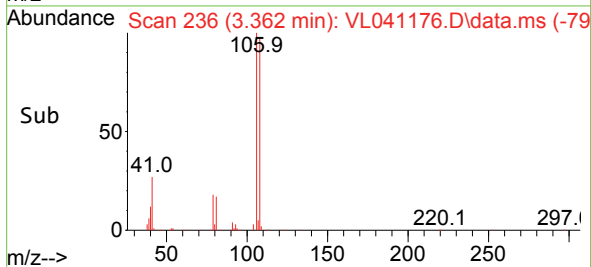
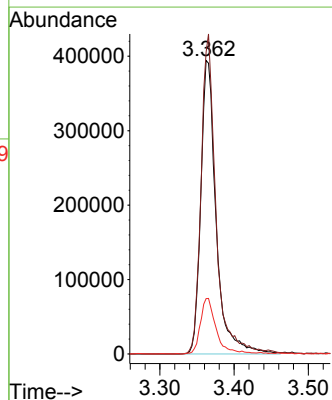
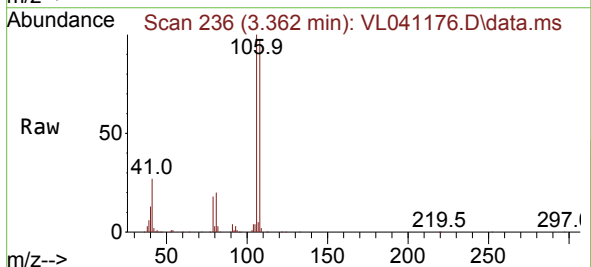
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

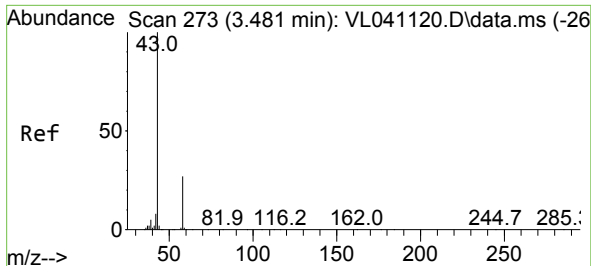
Tgt Ion: 45 Resp: 130256
Ion Ratio Lower Upper
45 100
46 39.6 15.0 59.8



#14
Bromoethene
Concen: 11.140 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion:108 Resp: 568755
Ion Ratio Lower Upper
108 100
106 105.8 86.0 129.0
79 19.8 15.4 23.2

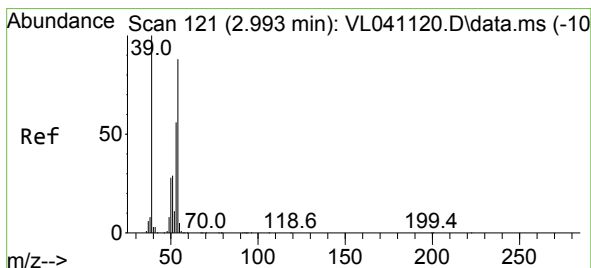
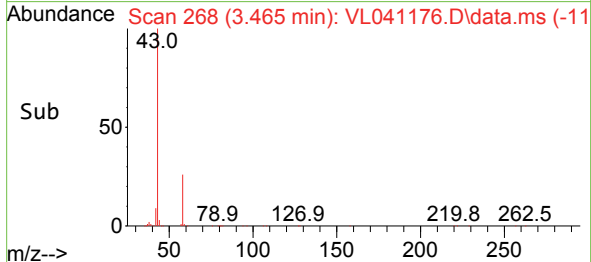
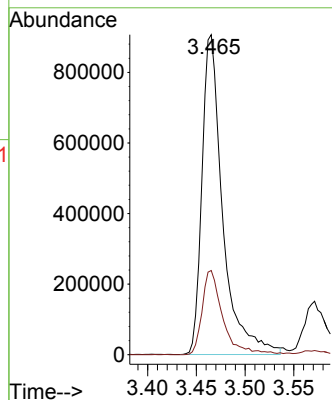
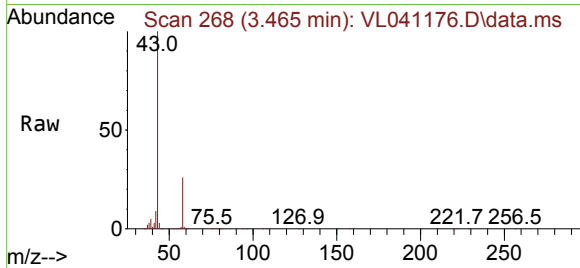




#15
Acetone
Concen: 10.733 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

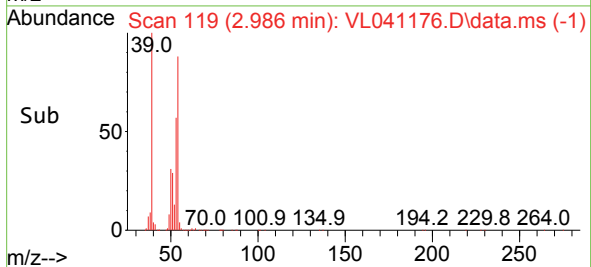
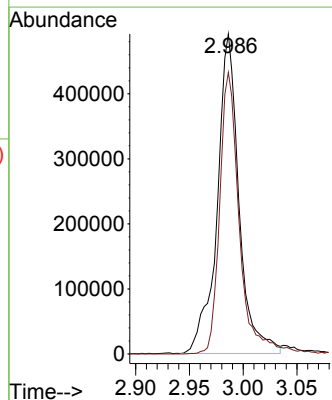
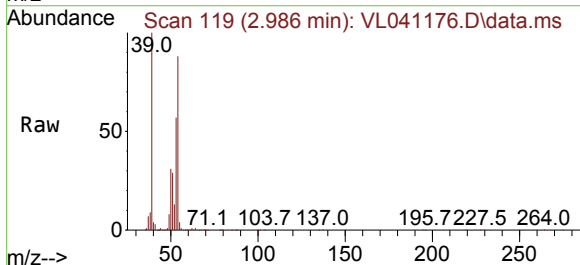
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

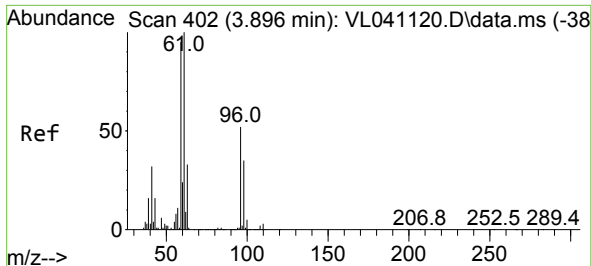
Tgt Ion: 43 Resp: 1341881
Ion Ratio Lower Upper
43 100
58 26.5 21.1 31.7



#16
1,3-Butadiene
Concen: 11.344 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 39 Resp: 696179
Ion Ratio Lower Upper
39 100
54 80.1 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.881 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

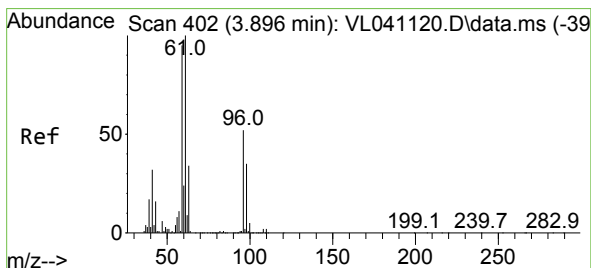
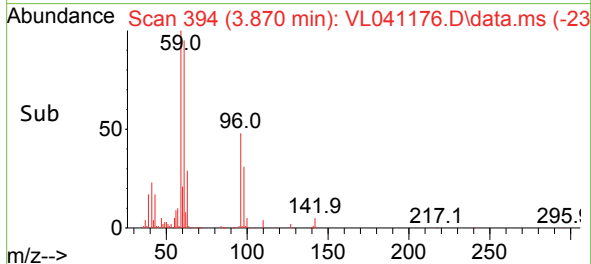
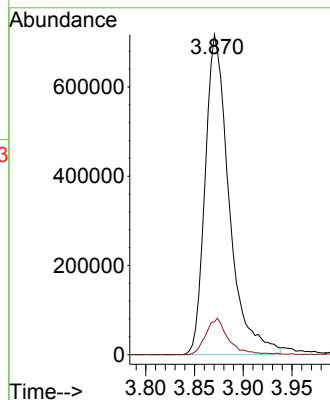
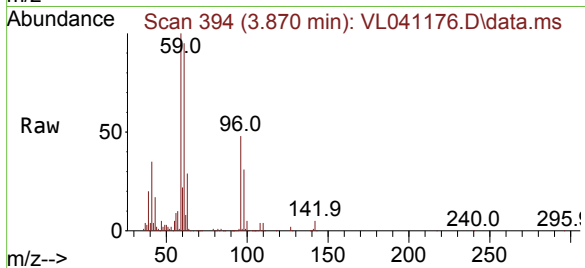
VSTDCCC010EC

Tgt Ion: 59 Resp: 1232008

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.673 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

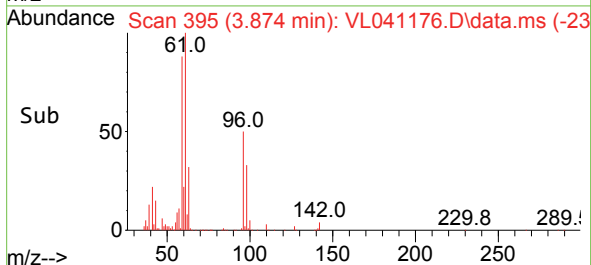
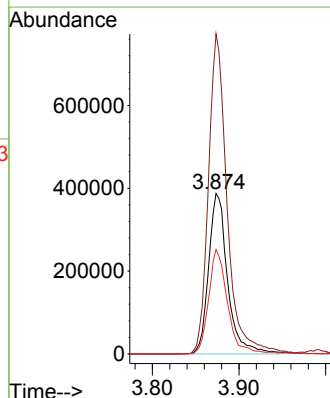
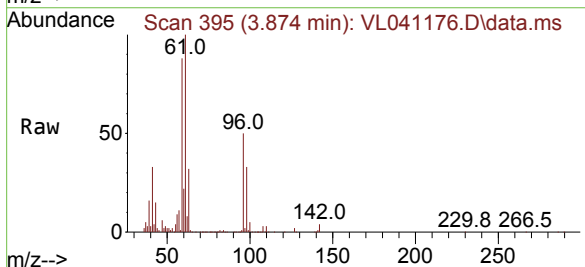
Tgt Ion: 96 Resp: 590650

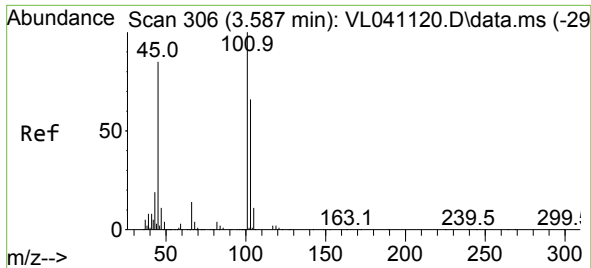
Ion Ratio Lower Upper

96 100

61 199.4 152.6 228.8

98 65.1 54.0 81.0





#19

Isopropyl Alcohol

Concen: 11.333 ppbv

RT: 3.571 min Scan# 306

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

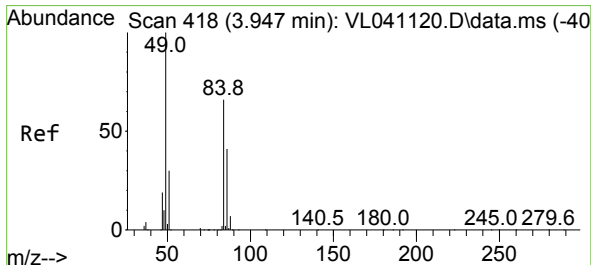
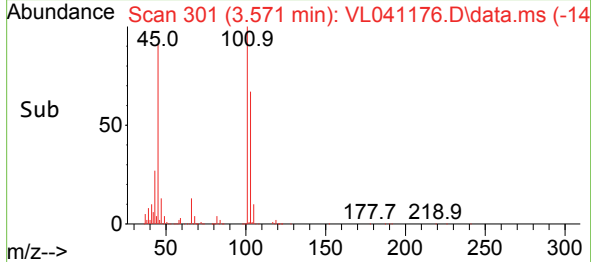
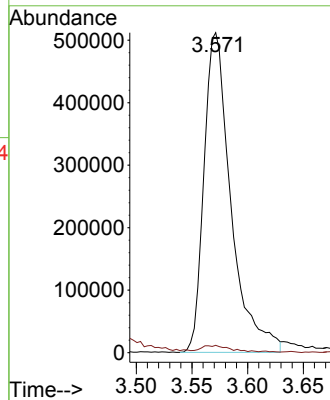
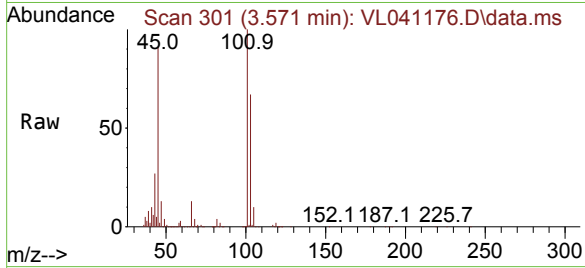
VSTDCCC010EC

Tgt Ion: 45 Resp: 860746

Ion Ratio Lower Upper

45 100

58 3.0 2.8 4.2



#20

Methylene Chloride

Concen: 9.824 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Tgt Ion: 84 Resp: 506534

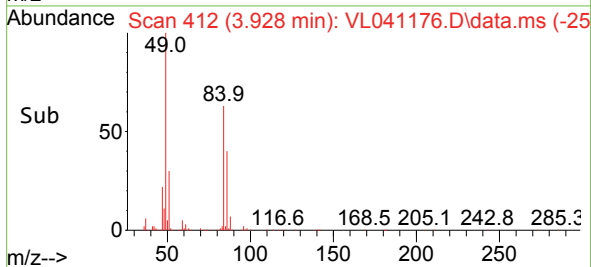
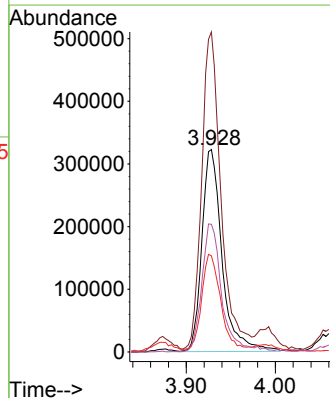
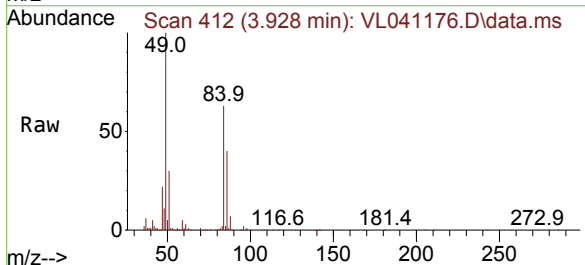
Ion Ratio Lower Upper

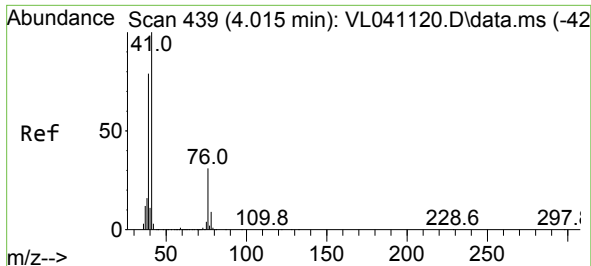
84 100

49 156.9 120.7 181.1

51 46.2 36.6 54.8

86 63.2 49.2 73.8





#21

Allyl Chloride

Concen: 10.892 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

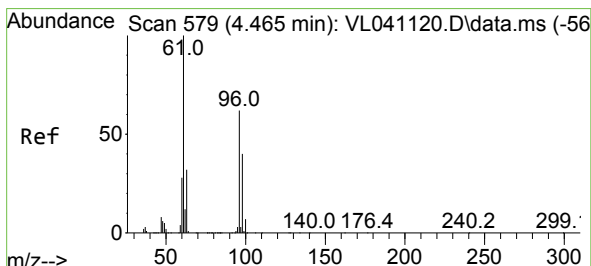
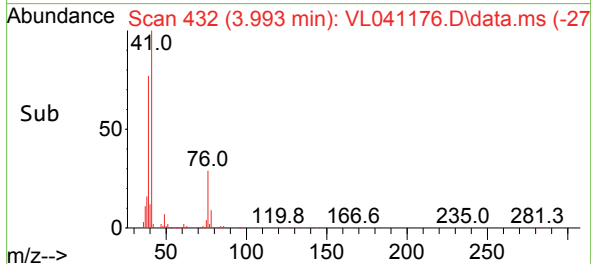
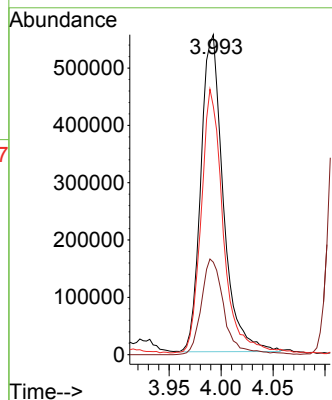
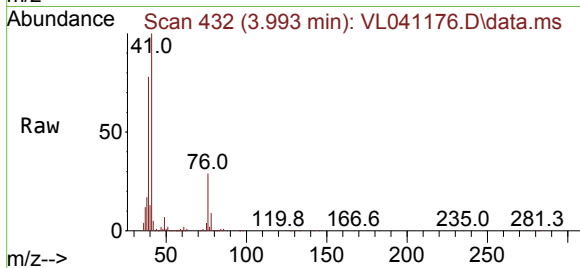
Tgt Ion: 41 Resp: 829700

Ion Ratio Lower Upper

41 100

76 30.8 25.7 38.5

39 83.5 65.7 98.5



#22

trans-1,2-Dichloroethene

Concen: 10.444 ppbv

RT: 4.436 min Scan# 570

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

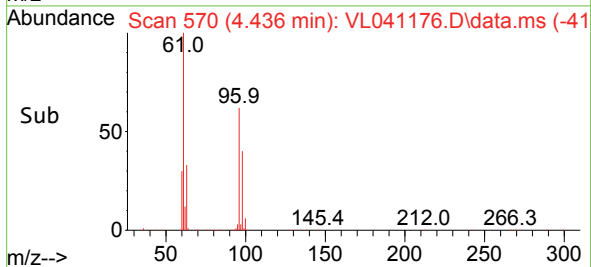
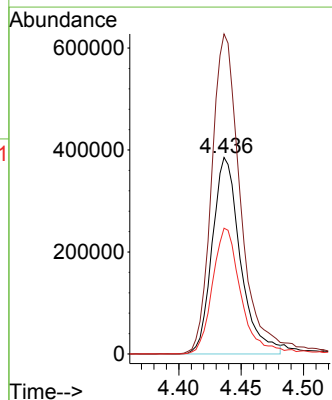
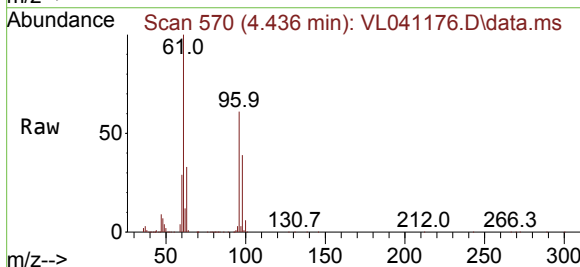
Tgt Ion: 96 Resp: 605968

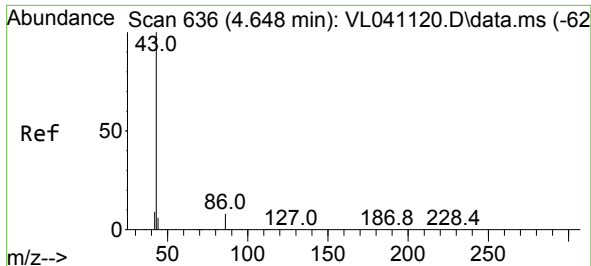
Ion Ratio Lower Upper

96 100

61 162.6 128.4 192.6

98 63.9 51.5 77.3



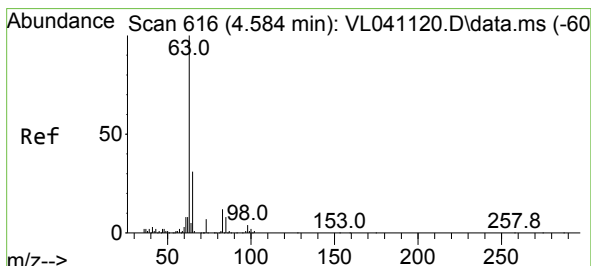
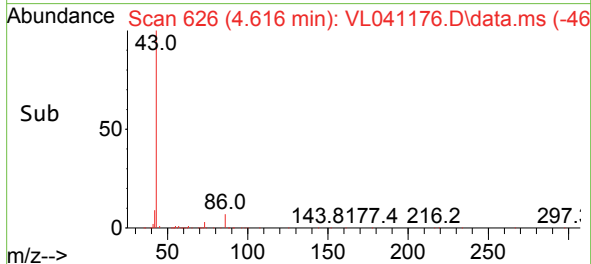
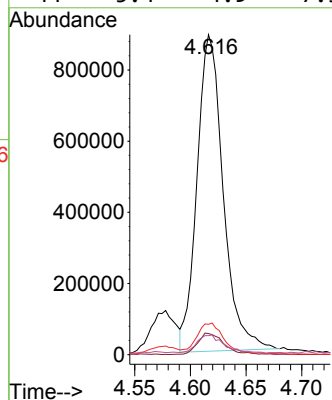
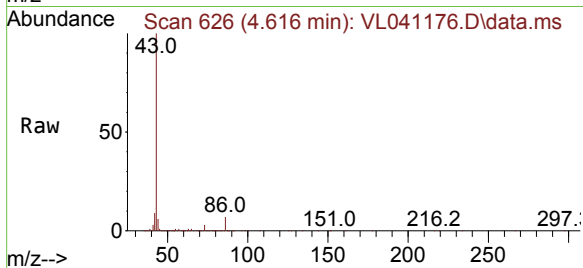


#23
 Vinyl Acetate
 Concen: 11.406 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1456653

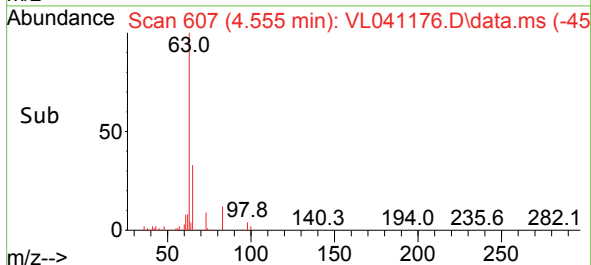
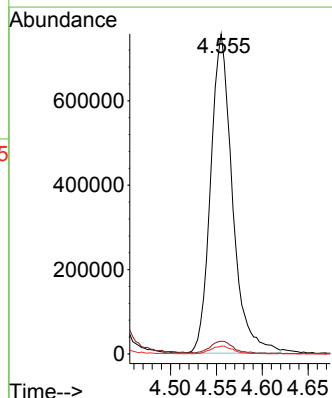
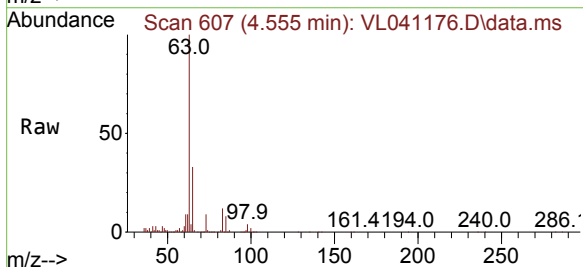
Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.2	9.4
42	9.4	7.7	11.5
44	5.4	4.9	7.3

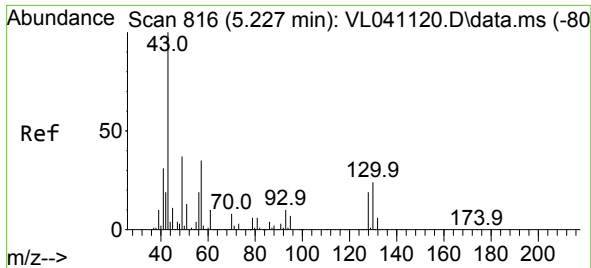


#24
 1,1-Dichloroethane
 Concen: 10.757 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Tgt Ion: 63 Resp: 1250027

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.3
100	2.3	1.1	3.3



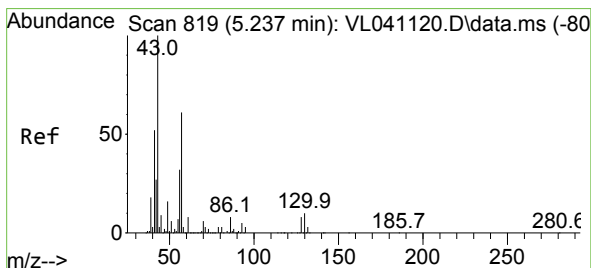
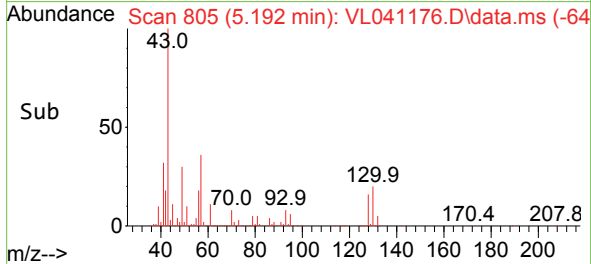
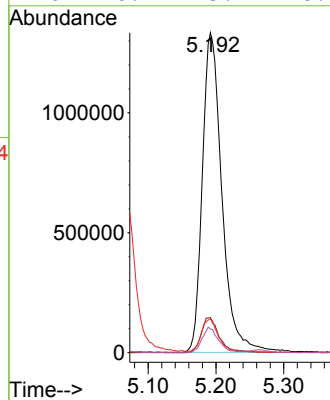
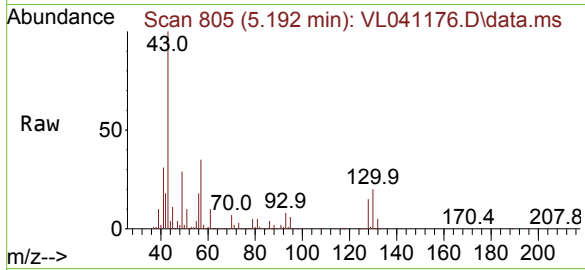


#25
Ethyl Acetate
Concen: 11.376 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2670915

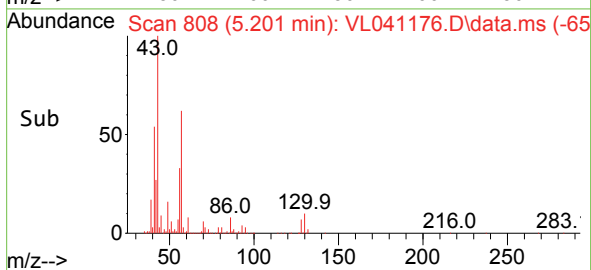
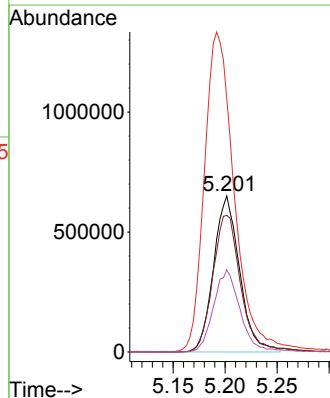
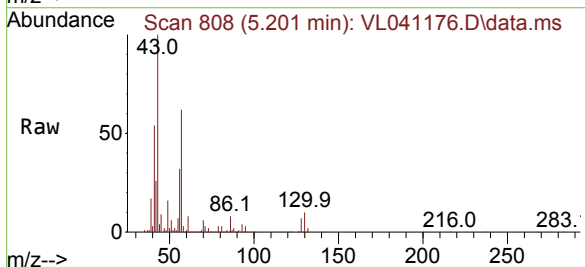
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	9.9	7.8	11.6
70	6.7	5.4	8.0

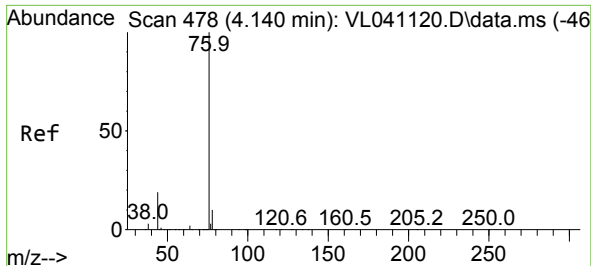


#26
Hexane
Concen: 10.729 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 57 Resp: 1130245

Ion	Ratio	Lower	Upper
57	100		
41	95.2	73.8	110.8
43	237.3	186.2	279.2
56	54.1	43.1	64.7

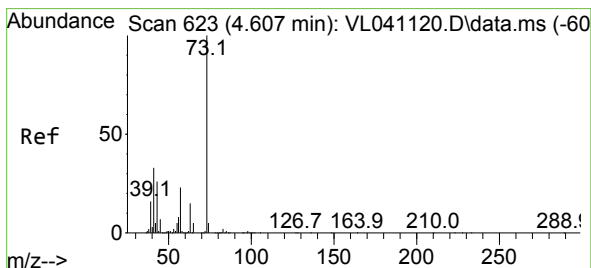
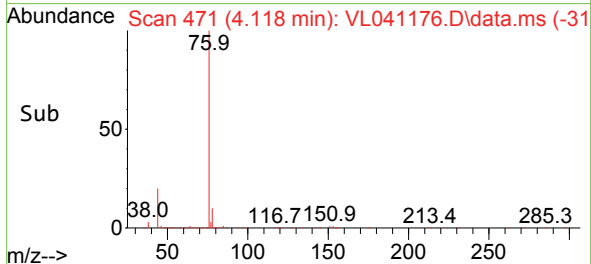
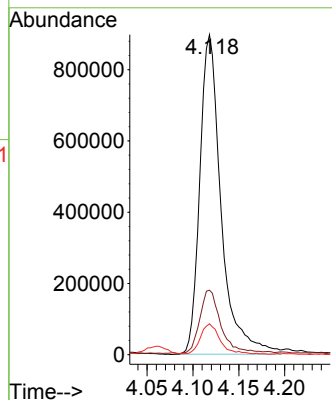
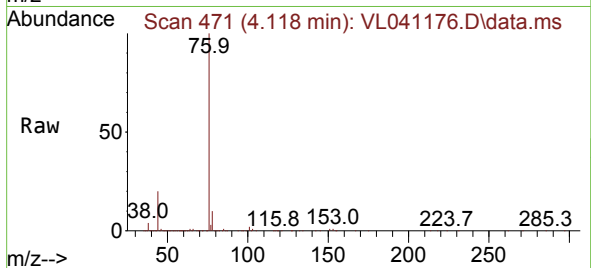




#27
Carbon Disulfide
Concen: 11.240 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

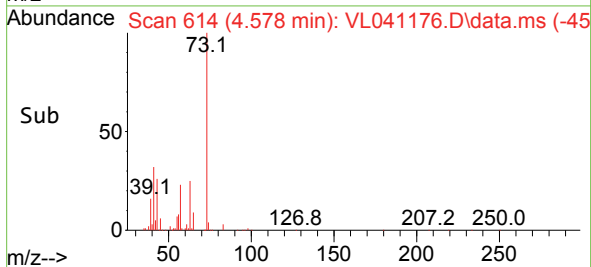
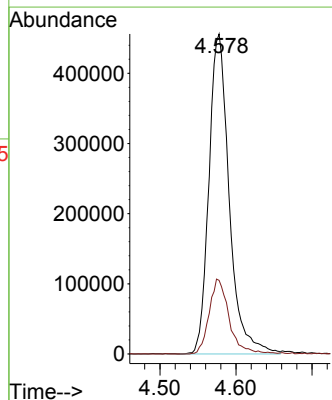
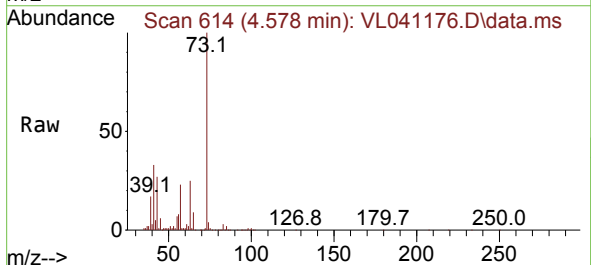
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

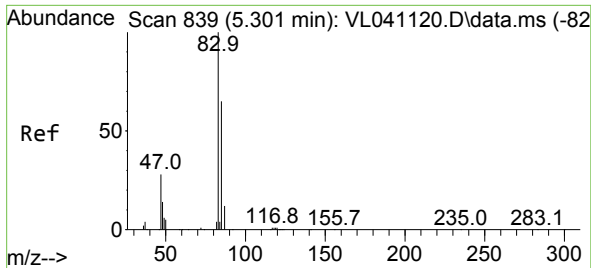
Tgt Ion: 76 Resp: 1450878
Ion Ratio Lower Upper
76 100
44 21.3 16.3 24.5
78 9.3 7.9 11.9



#28
Methyl tert-Butyl Ether
Concen: 10.640 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 73 Resp: 845915
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8





#29

Chloroform

Concen: 10.962 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

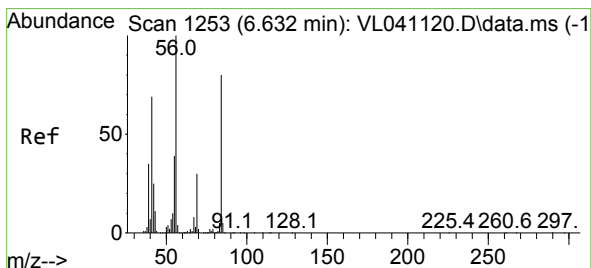
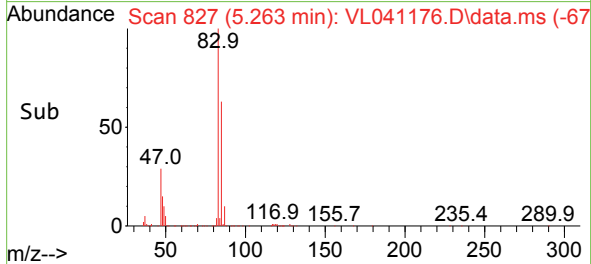
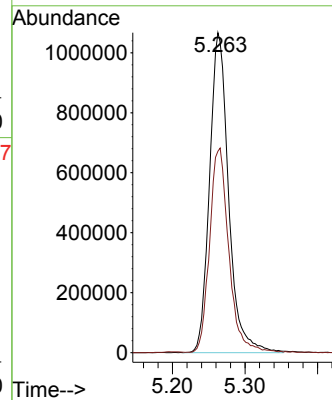
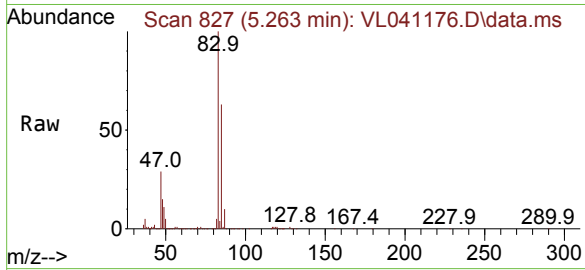
VSTDCCC010EC

Tgt Ion: 83 Resp: 1946707

Ion Ratio Lower Upper

83 100

85 62.8 51.5 77.3



#30

Cyclohexane

Concen: 11.210 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

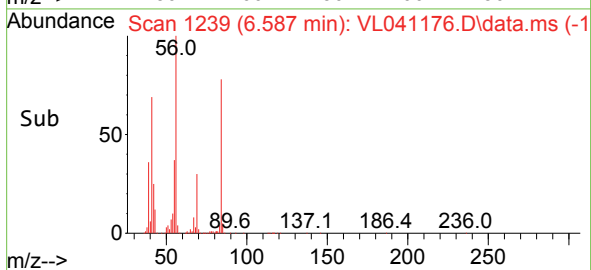
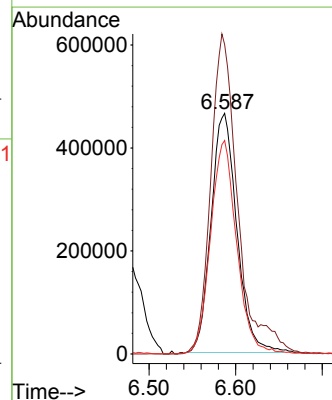
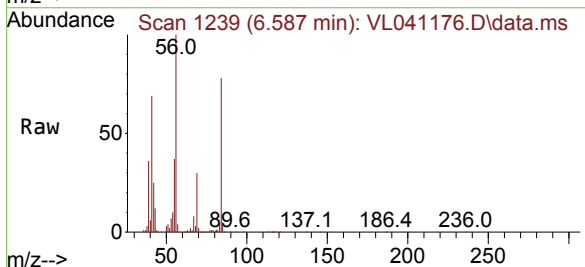
Tgt Ion: 84 Resp: 961981

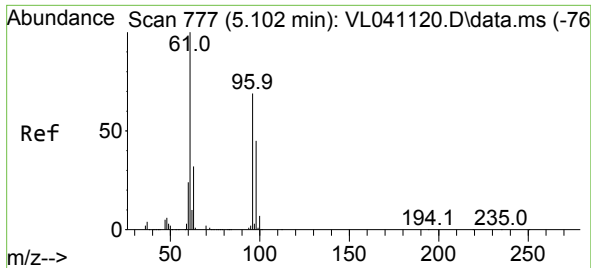
Ion Ratio Lower Upper

84 100

56 140.4 111.9 167.9

41 90.5 71.0 106.6



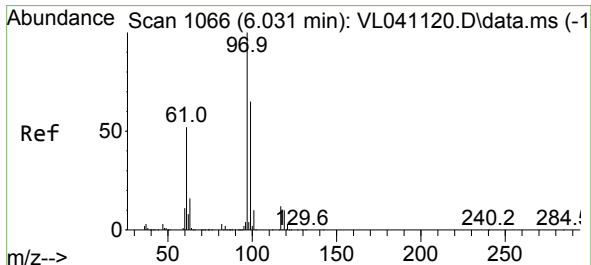
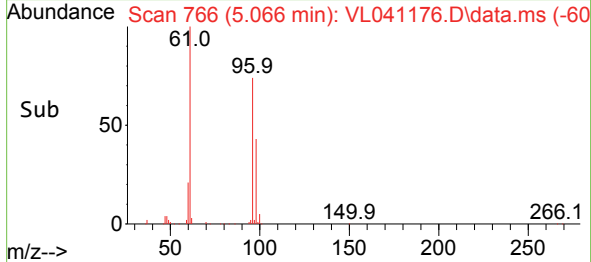
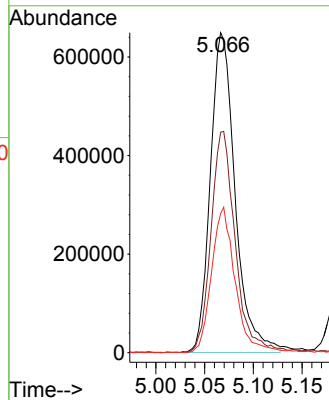
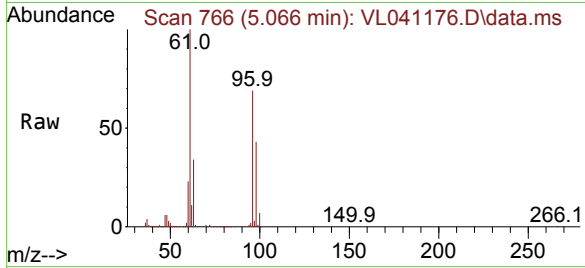


#31
 cis-1,2-Dichloroethene
 Concen: 11.502 ppbv
 RT: 5.066 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 1146946

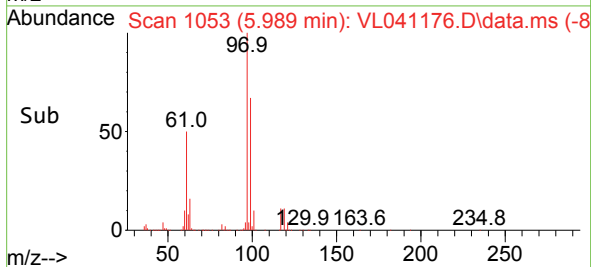
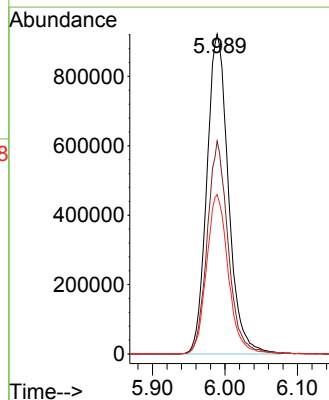
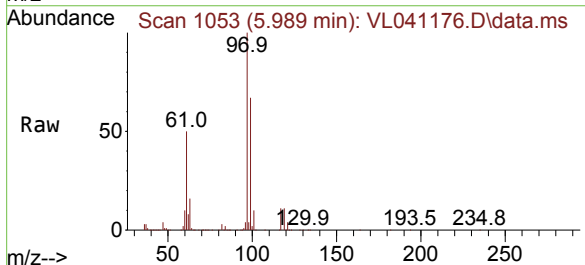
Ion	Ratio	Lower	Upper
61	100		
96	68.8	54.9	82.3
98	43.5	35.9	53.9

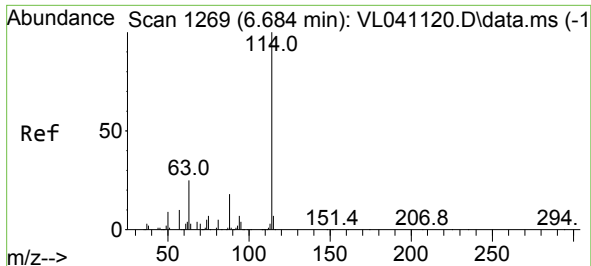


#32
 1,1,1-Trichloroethane
 Concen: 11.629 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Tgt Ion: 97 Resp: 1909055

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	50.4	40.5	60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

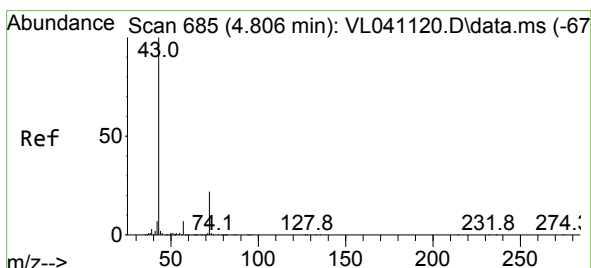
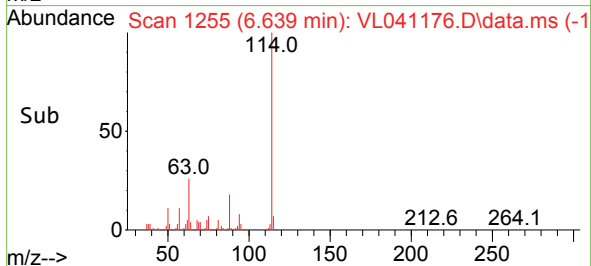
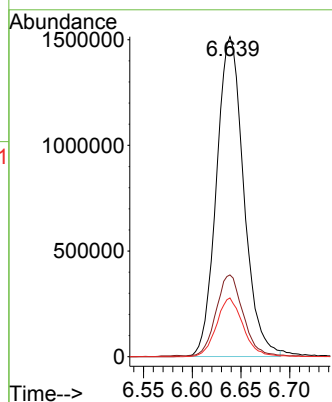
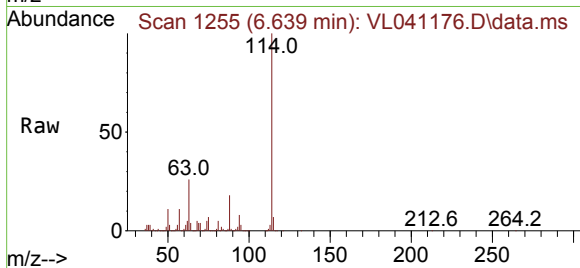
Tgt Ion:114 Resp: 2945735

Ion Ratio Lower Upper

114 100

63 26.1 20.9 31.3

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 11.145 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.003 min

Lab File: VL041176.D

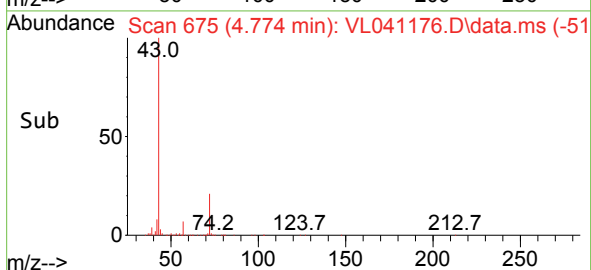
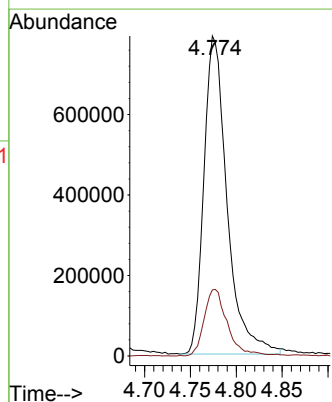
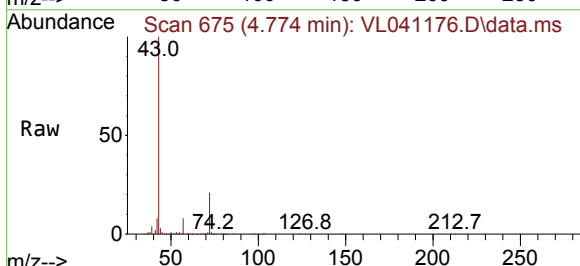
Acq: 25 Apr 2024 18:33

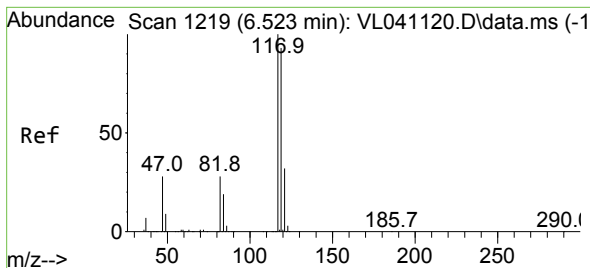
Tgt Ion: 43 Resp: 1389287

Ion Ratio Lower Upper

43 100

72 21.3 17.6 26.4





#35

Carbon Tetrachloride

Concen: 11.797 ppbv

RT: 6.478 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

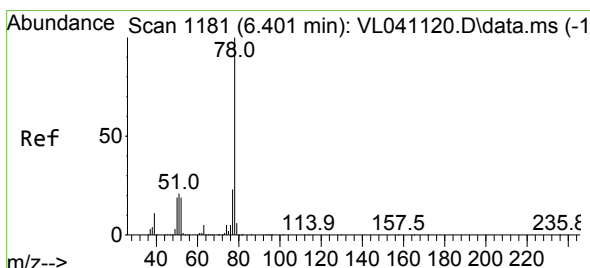
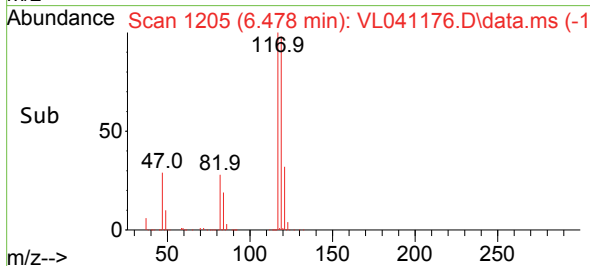
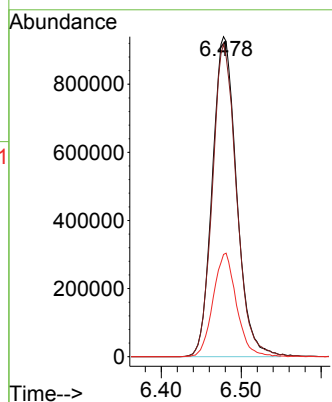
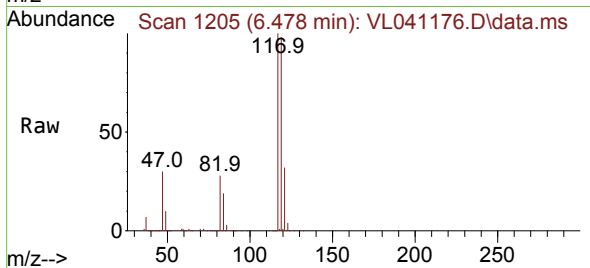
Tgt Ion:117 Resp: 1978415

Ion Ratio Lower Upper

117 100

119 97.6 74.2 111.4

121 31.9 25.4 38.2



#36

Benzene

Concen: 11.261 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

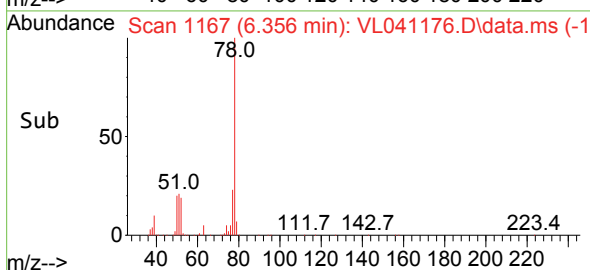
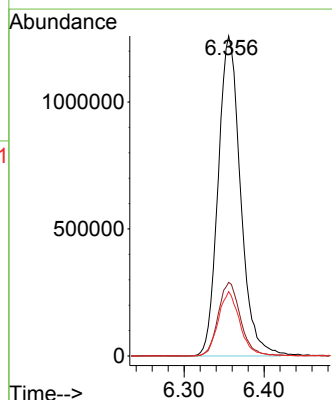
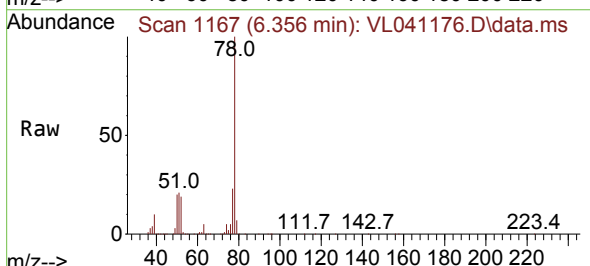
Tgt Ion: 78 Resp: 2435982

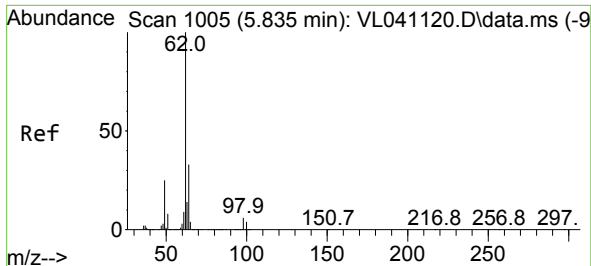
Ion Ratio Lower Upper

78 100

77 23.0 18.2 27.4

50 20.1 15.4 23.2

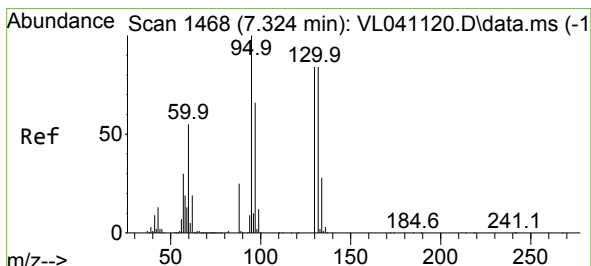
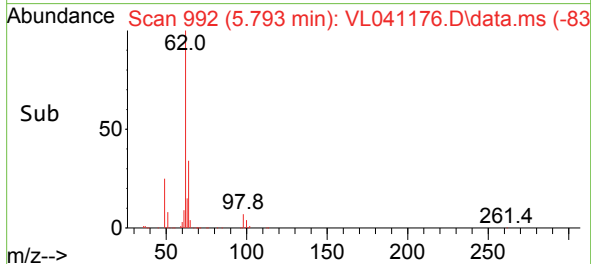
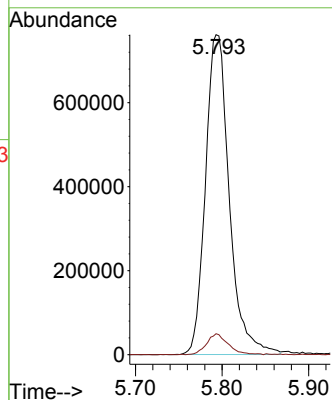
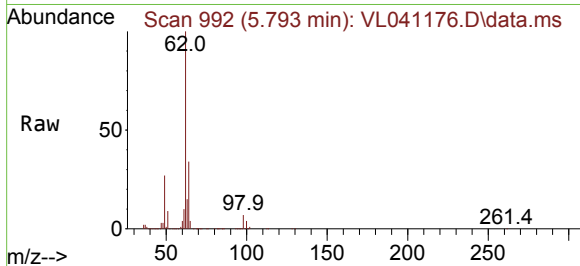




#37
1,2-Dichloroethane
Concen: 11.198 ppbv
RT: 5.793 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

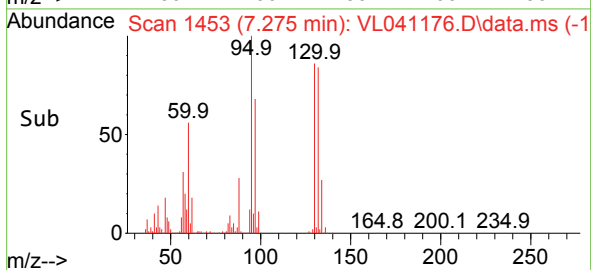
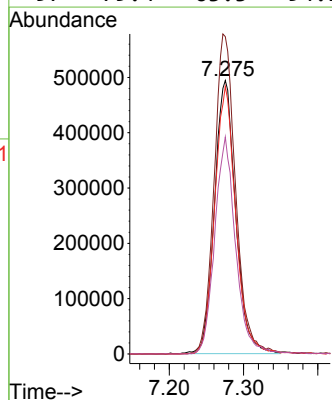
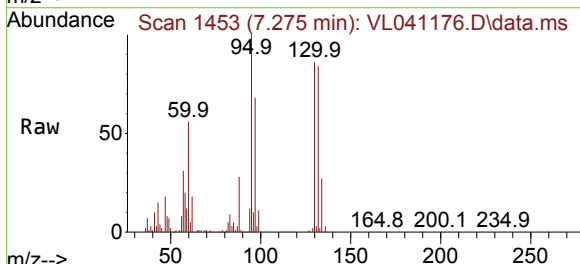
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

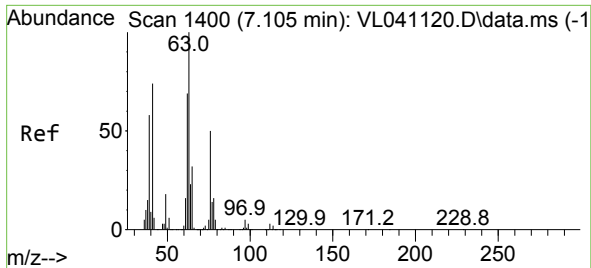
Tgt Ion: 62 Resp: 1454409
Ion Ratio Lower Upper
62 100
98 6.2 4.6 7.0



#38
Trichloroethene
Concen: 12.560 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion:130 Resp: 981585
Ion Ratio Lower Upper
130 100
95 116.2 95.4 143.0
132 98.0 80.0 120.0
97 79.4 63.3 94.9





#39

1,2-Dichloropropane

Concen: 11.292 ppbv

RT: 7.053 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

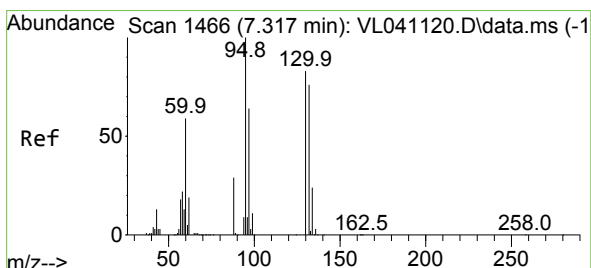
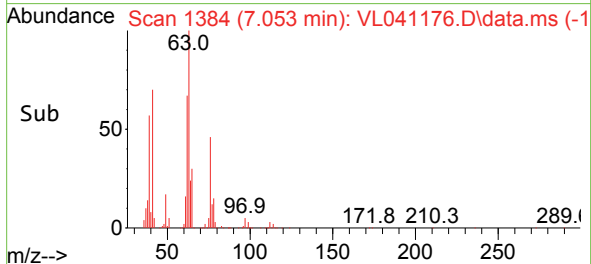
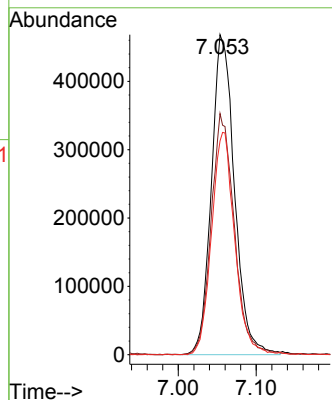
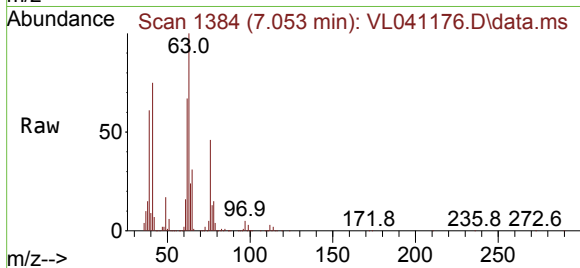
Tgt Ion: 63 Resp: 963183

Ion Ratio Lower Upper

63 100

41 75.3 58.7 88.1

62 66.7 55.5 83.3



#40

1,4-Dioxane

Concen: 12.675 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Tgt Ion: 88 Resp: 376785

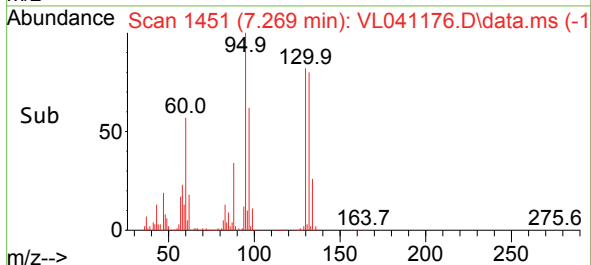
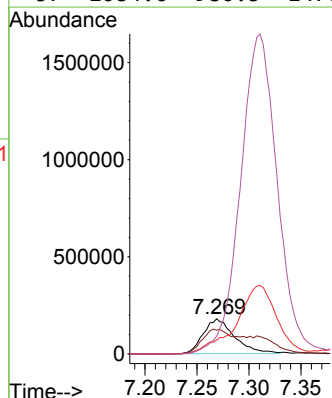
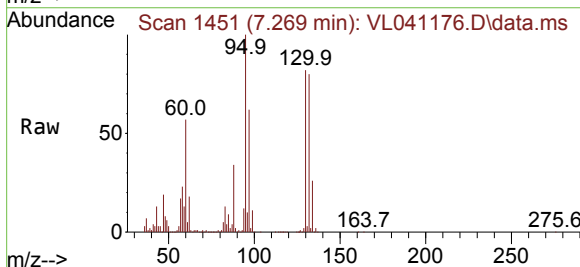
Ion Ratio Lower Upper

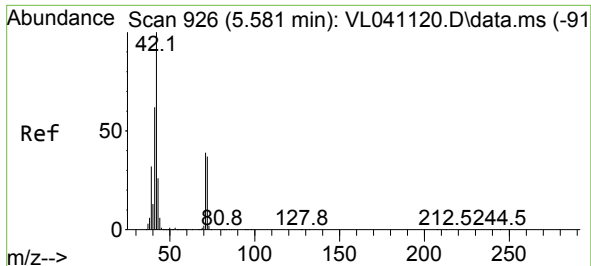
88 100

58 126.3 107.8 161.6

43 254.0 223.8 335.6

57 1084.6 980.5 1470.7

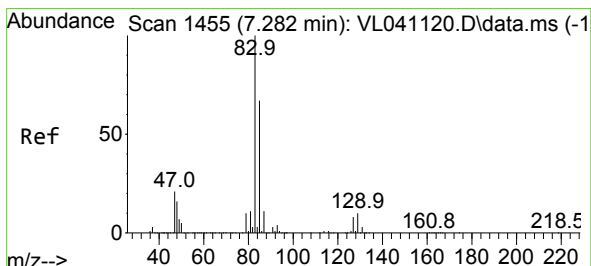
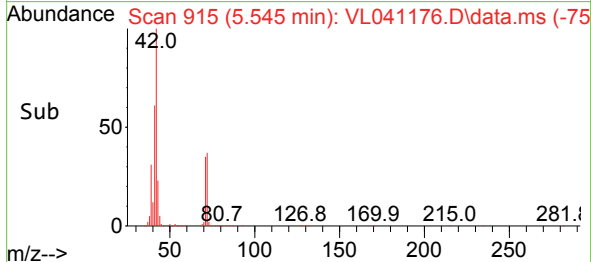
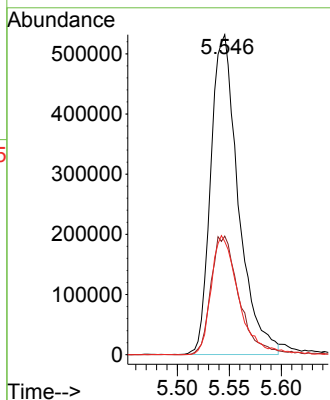
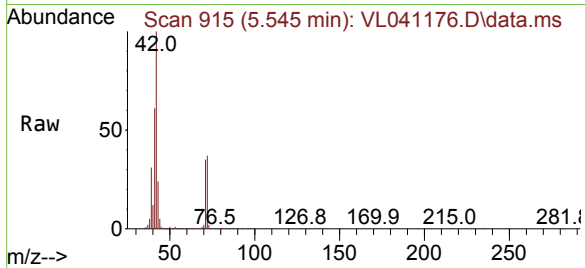




#41
Tetrahydrofuran
Concen: 11.814 ppbv
RT: 5.545 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

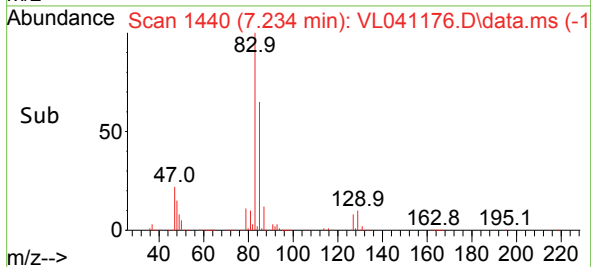
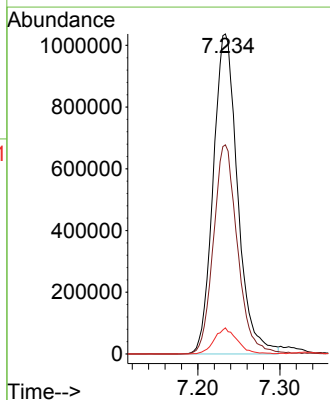
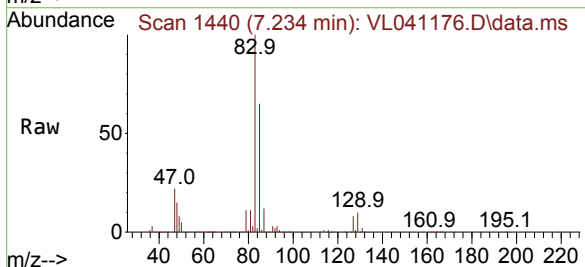
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

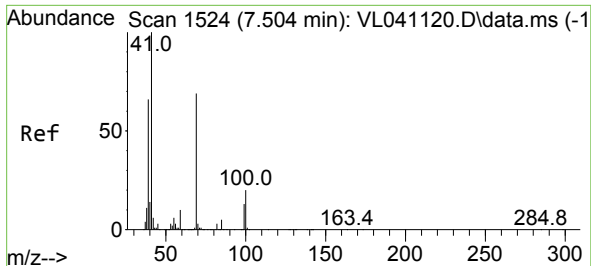
Tgt Ion: 42 Resp: 980491
Ion Ratio Lower Upper
42 100
72 38.7 31.2 46.8
71 37.6 29.9 44.9



#42
Bromodichloromethane
Concen: 11.538 ppbv
RT: 7.234 min Scan# 1440
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 83 Resp: 2140976
Ion Ratio Lower Upper
83 100
85 65.3 53.5 80.3
127 8.2 6.2 9.4



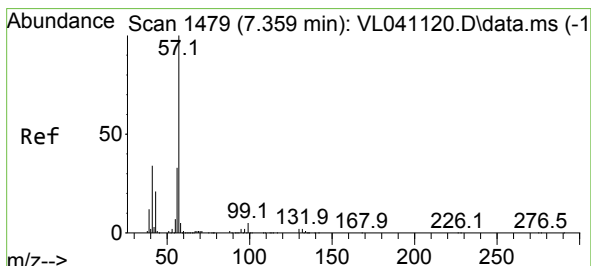
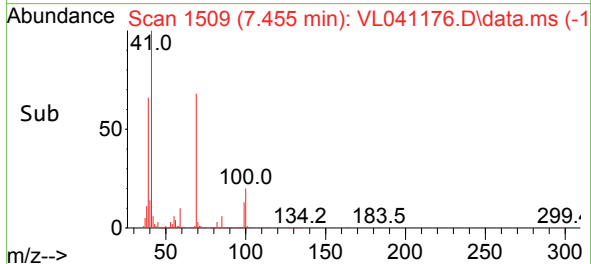
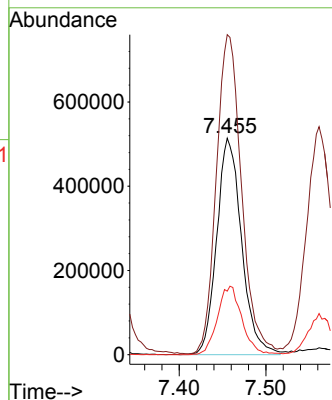
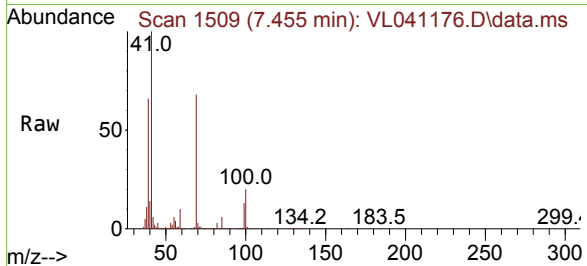


#43
Methyl Methacrylate
Concen: 12.416 ppbv
RT: 7.455 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1023062

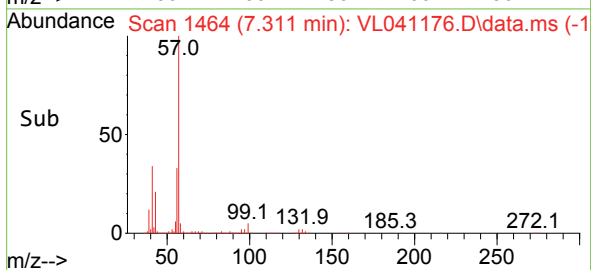
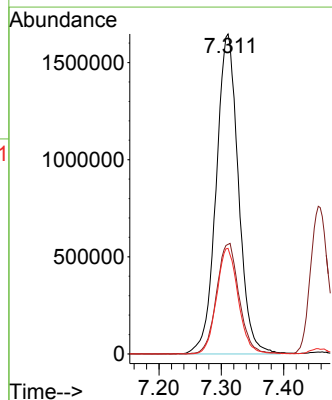
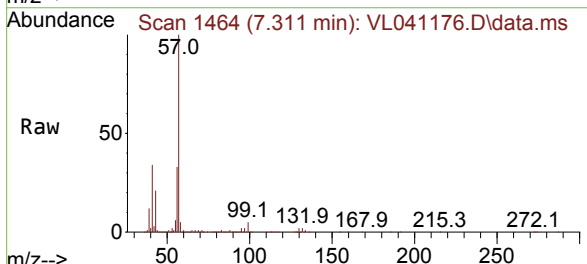
Ion	Ratio	Lower	Upper
69	100		
41	150.6	119.2	178.8
100	31.3	24.6	37.0

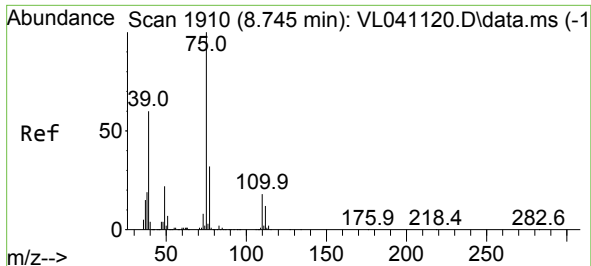


#44
2,2,4-Trimethylpentane
Concen: 11.392 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 57 Resp: 4079844

Ion	Ratio	Lower	Upper
57	100		
41	35.1	28.2	42.2
56	32.2	25.2	37.8

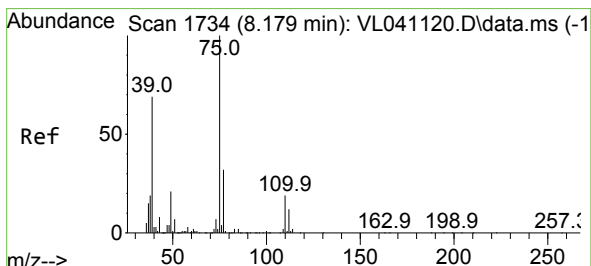
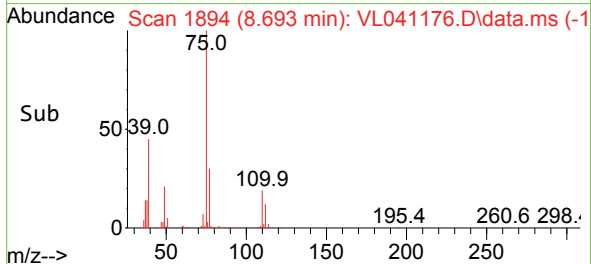
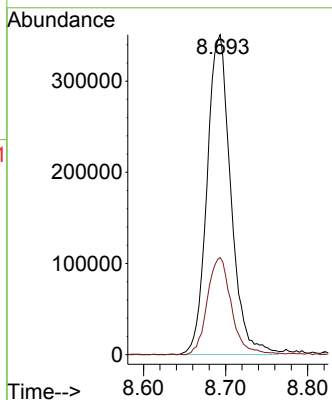
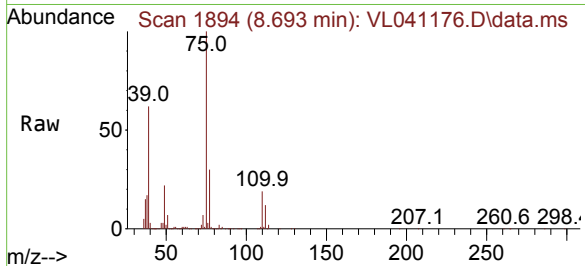




#45
t-1,3-Dichloropropene
Concen: 14.500 ppbv
RT: 8.693 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

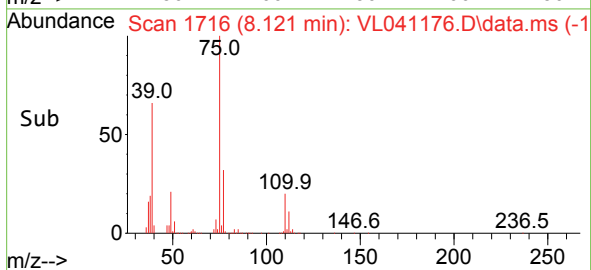
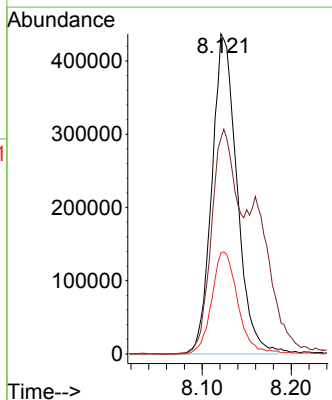
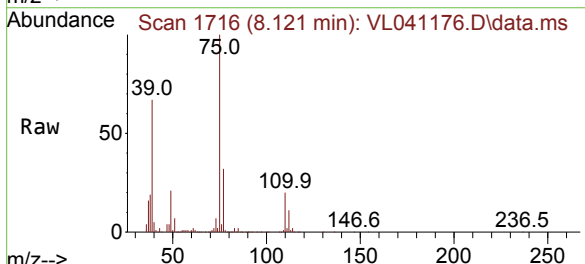
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

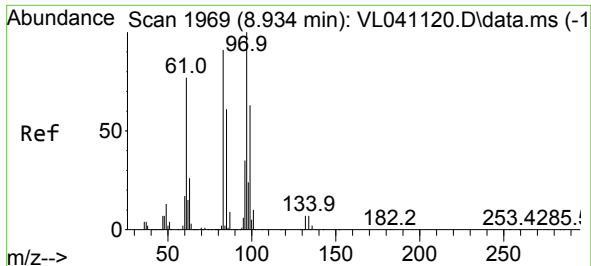
Tgt Ion: 75 Resp: 704090
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 13.602 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 75 Resp: 854543
Ion Ratio Lower Upper
75 100
39 67.2 55.1 82.7
77 31.6 25.2 37.8



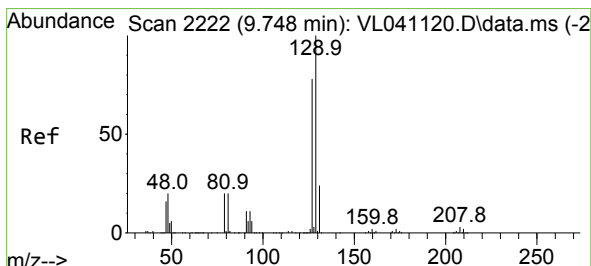
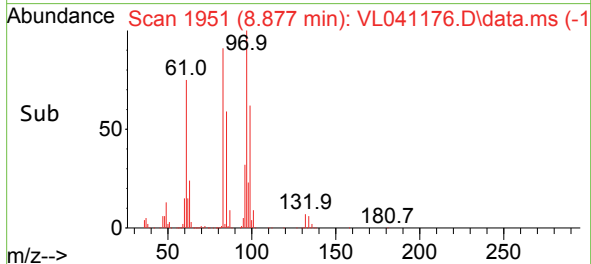
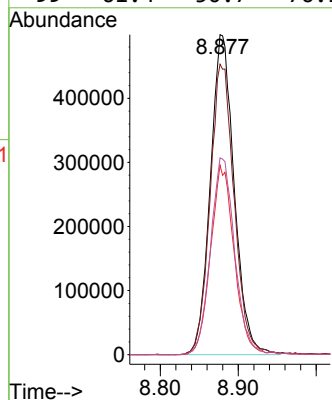
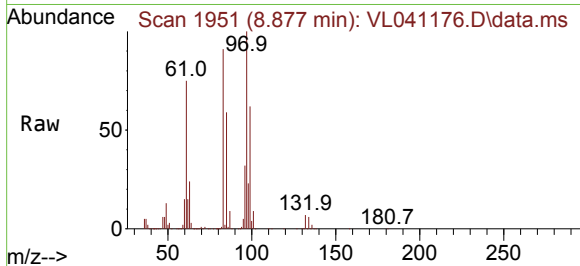


#47
1,1,2-Trichloroethane
Concen: 11.510 ppbv
RT: 8.877 min Scan# 1969
Delta R.T. -0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 1061055

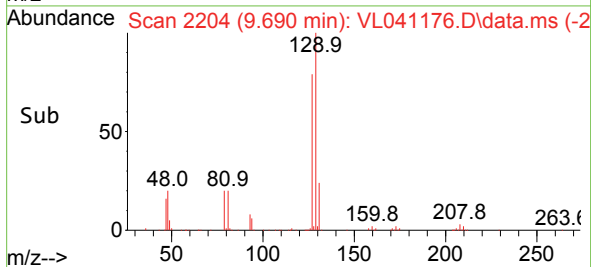
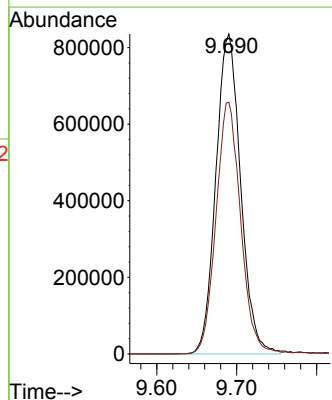
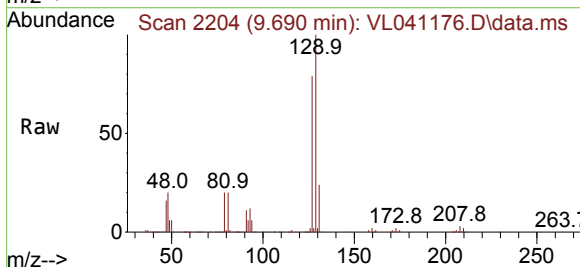
Ion	Ratio	Lower	Upper
97	100		
83	90.7	72.9	109.3
85	59.2	49.1	73.7
99	61.4	50.7	76.1

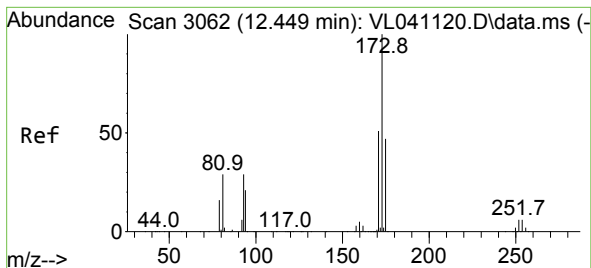


#48
Dibromochloromethane
Concen: 12.276 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 129 Resp: 1796459

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.3	117.9





#49

Bromoform

Concen: 12.642 ppbv

RT: 12.384 min Scan# 3062

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

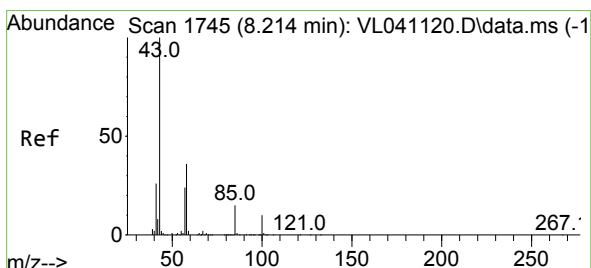
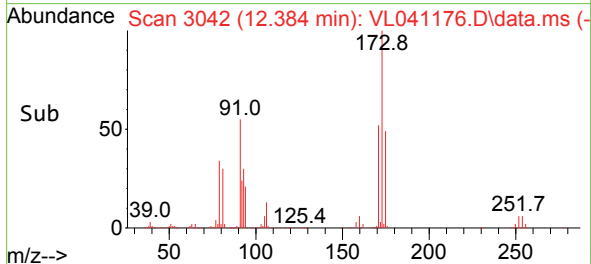
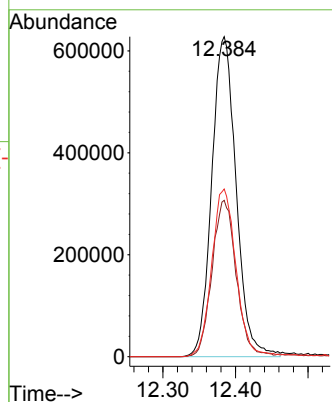
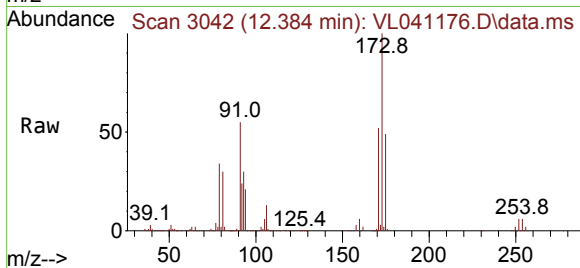
Tgt Ion:173 Resp: 1465632

Ion Ratio Lower Upper

173 100

175 49.9 39.4 59.0

171 53.0 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 12.026 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VL041176.D

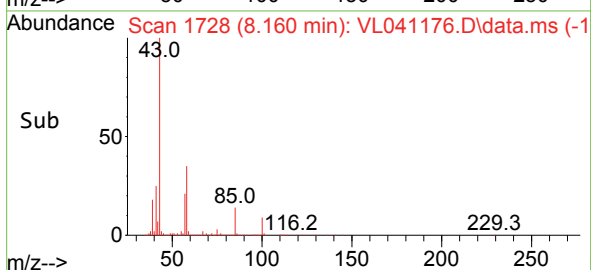
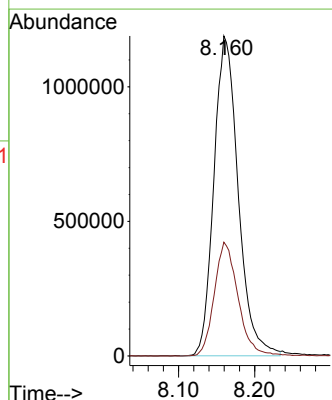
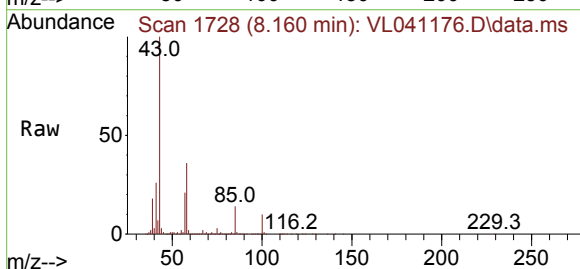
Acq: 25 Apr 2024 18:33

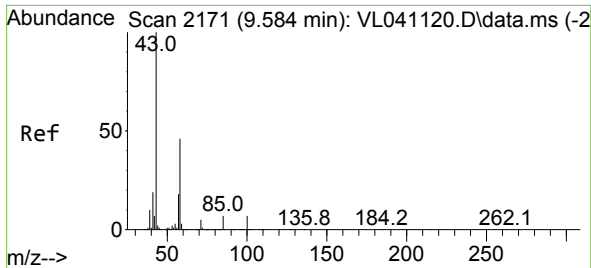
Tgt Ion: 43 Resp: 2637988

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5

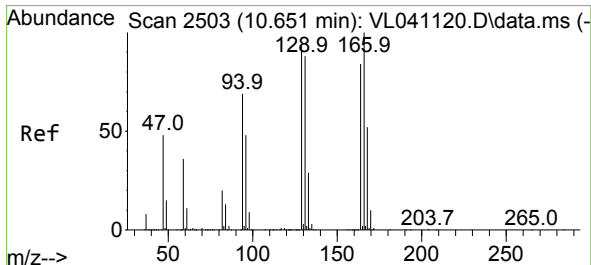
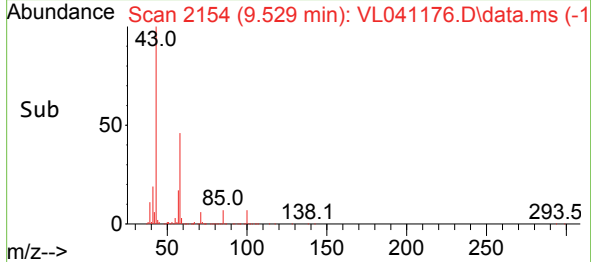
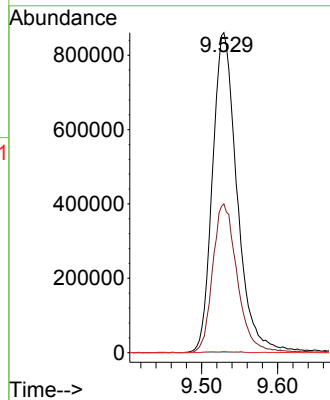
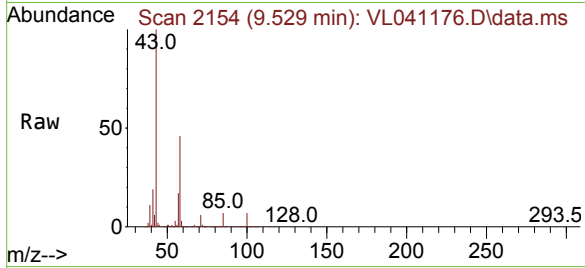




#51
2-Hexanone
Concen: 12.620 ppbv
RT: 9.529 min Scan# 2171
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

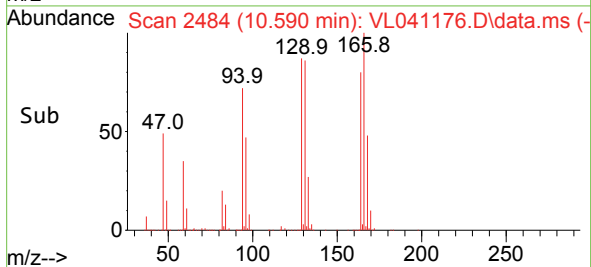
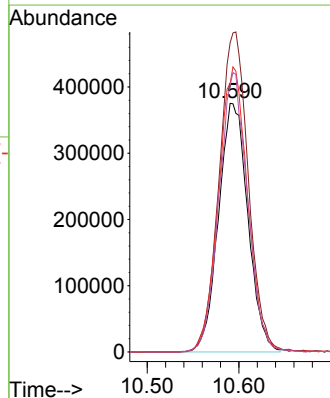
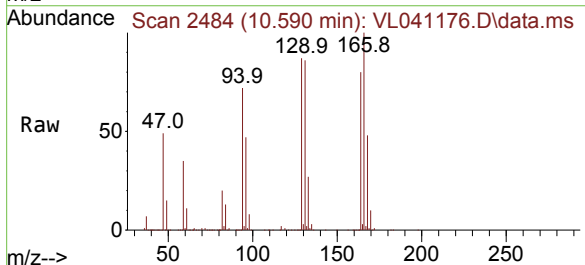
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

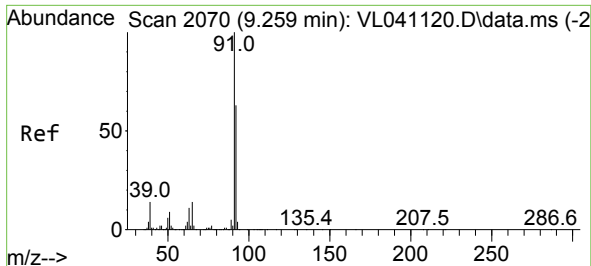
Tgt Ion: 43 Resp: 1919352
Ion Ratio Lower Upper
43 100
58 47.0 37.3 55.9
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 12.069 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 164 Resp: 832996
Ion Ratio Lower Upper
164 100
166 124.3 95.0 142.6
129 107.9 88.7 133.1
131 107.3 83.2 124.8

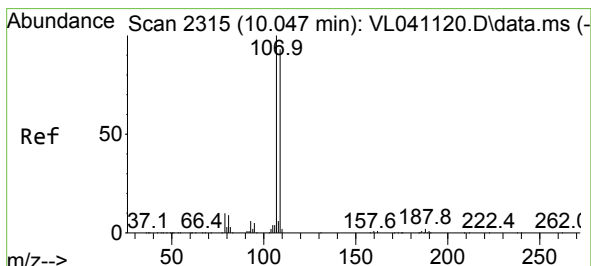
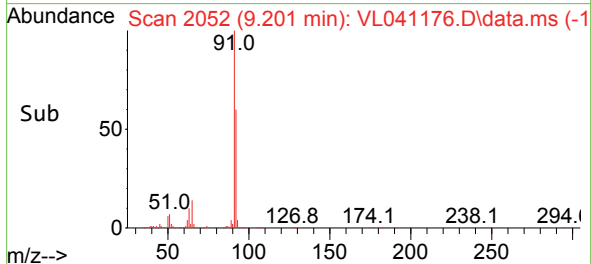
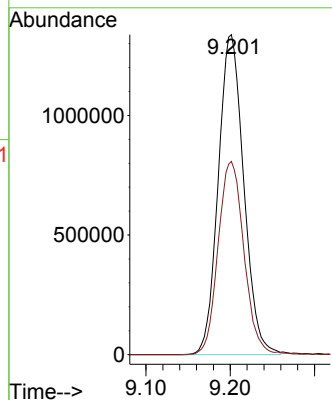
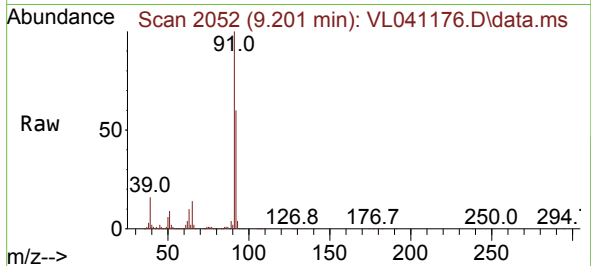




#53
Toluene
Concen: 12.306 ppbv
RT: 9.201 min Scan# 2070
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

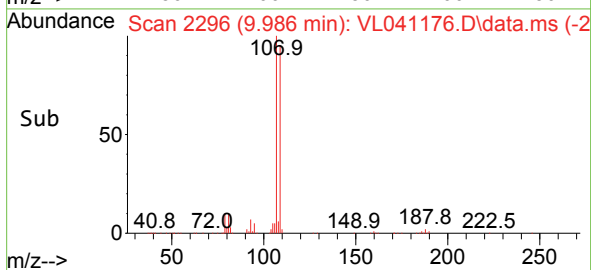
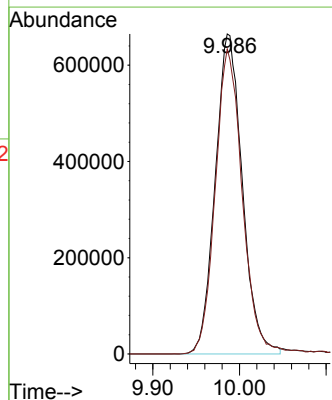
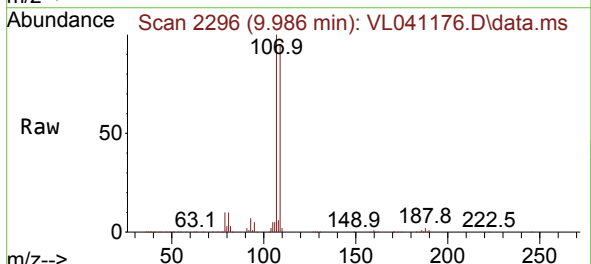
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

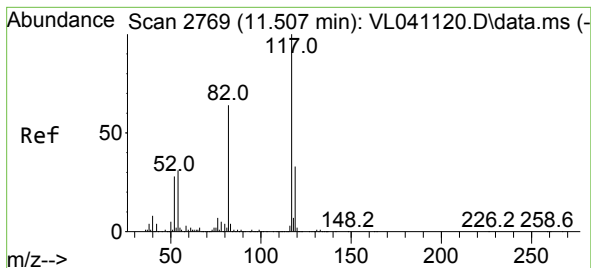
Tgt Ion: 91 Resp: 2802884
Ion Ratio Lower Upper
91 100
92 61.5 49.0 73.4



#54
1,2-Dibromoethane
Concen: 12.547 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 107 Resp: 1442536
Ion Ratio Lower Upper
107 100
109 95.3 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.446 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

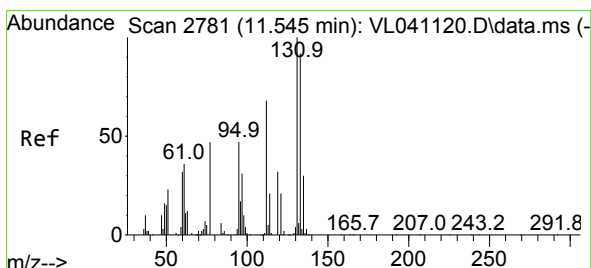
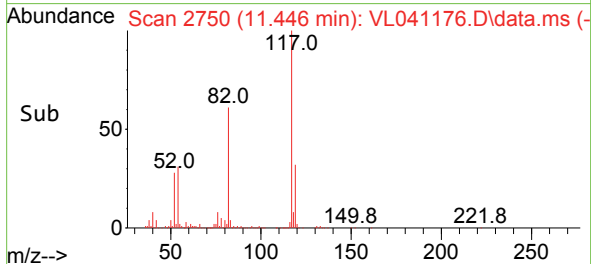
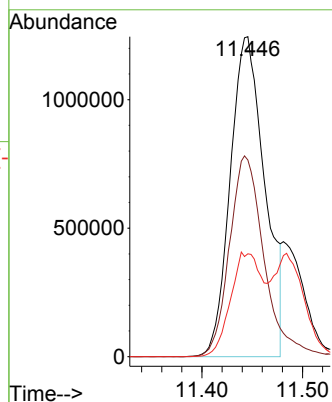
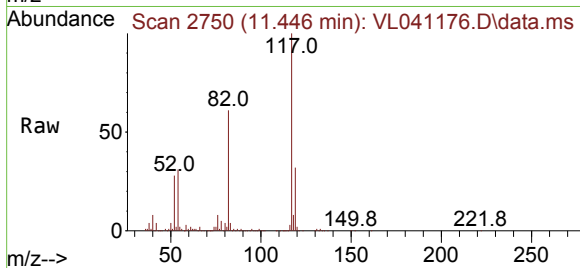
Tgt Ion:117 Resp: 2974725

Ion Ratio Lower Upper

117 100

82 63.8 51.0 76.6

119 32.1 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 10.769 ppbv

RT: 11.487 min Scan# 2763

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

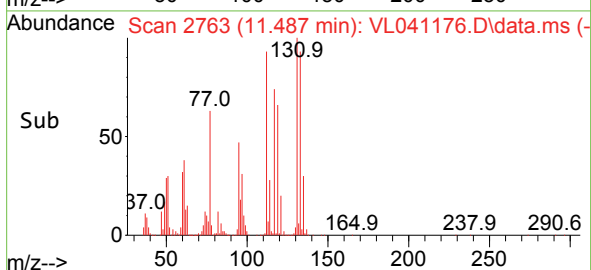
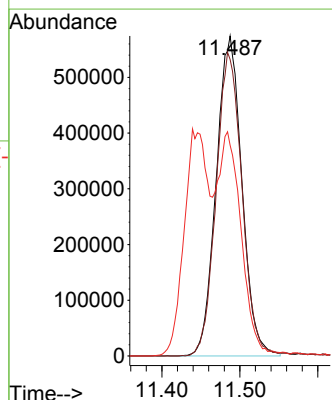
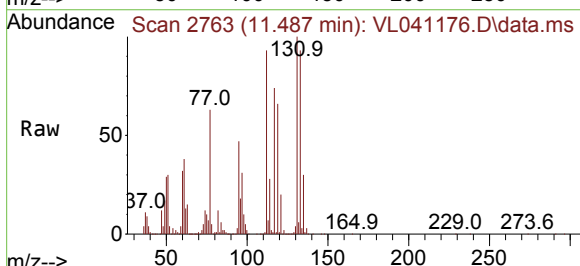
Tgt Ion:131 Resp: 1316559

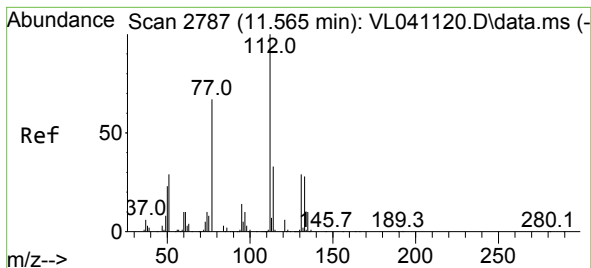
Ion Ratio Lower Upper

131 100

133 96.4 76.6 115.0

119 62.1 49.9 74.9

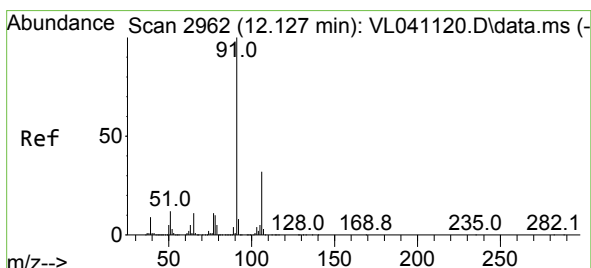
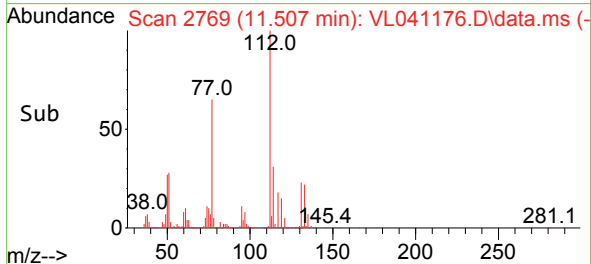
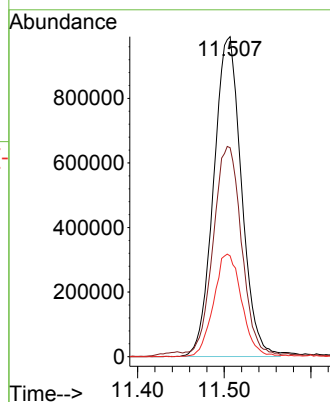
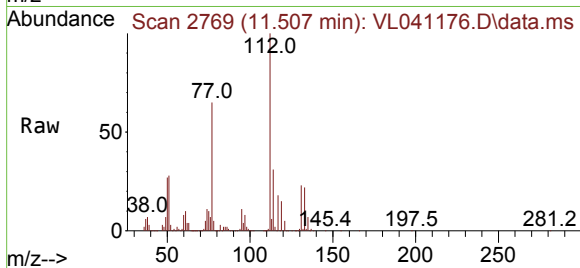




#57
Chlorobenzene
Concen: 10.854 ppbv
RT: 11.507 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

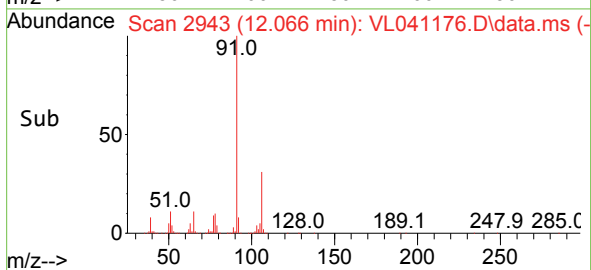
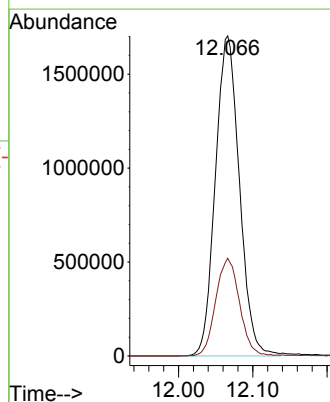
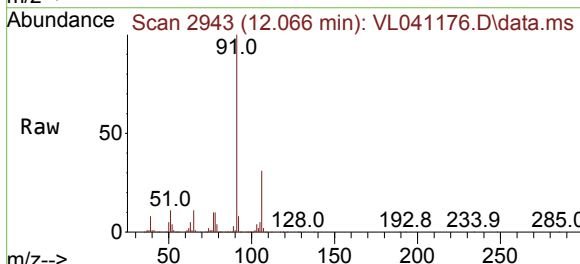
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

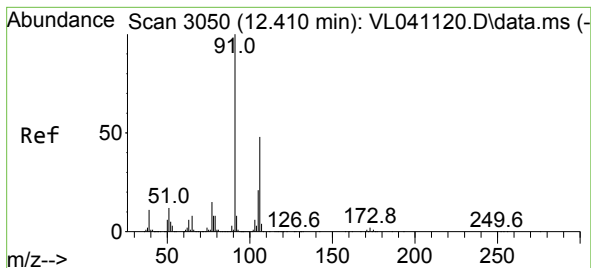
Tgt Ion:112 Resp: 2210294
Ion Ratio Lower Upper
112 100
77 64.6 54.0 81.0
114 31.4 29.3 35.9



#58
Ethyl Benzene
Concen: 11.761 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 91 Resp: 3830364
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4





#59

m/p-Xylene

Concen: 9.531 ppbv

RT: 12.349 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

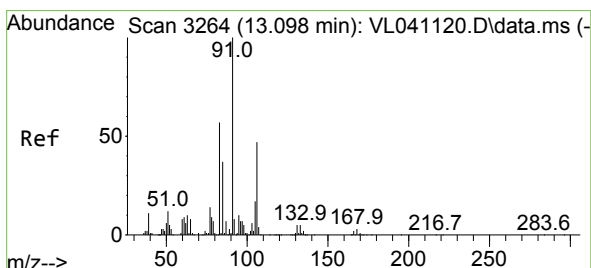
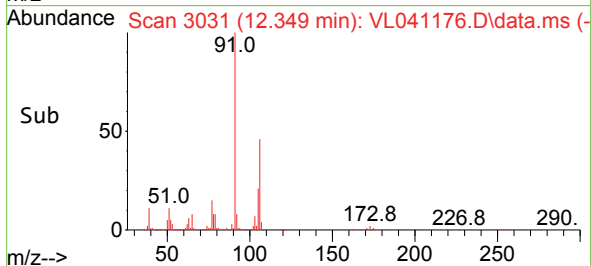
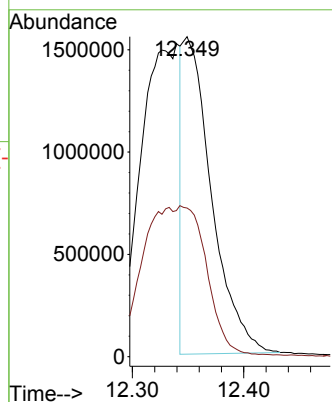
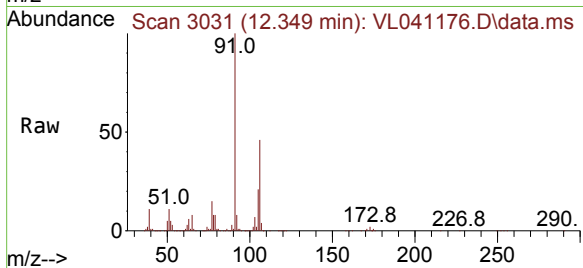
VSTDCCC010EC

Tgt Ion: 91 Resp: 2803368

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#



#60

o-Xylene

Concen: 11.321 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. 0.003 min

Lab File: VL041176.D

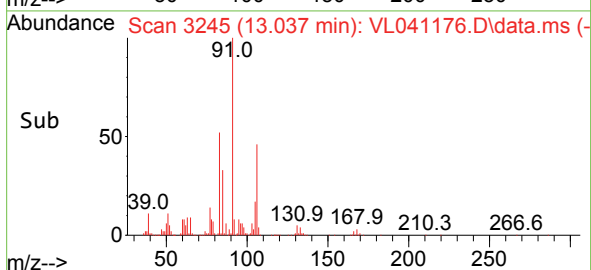
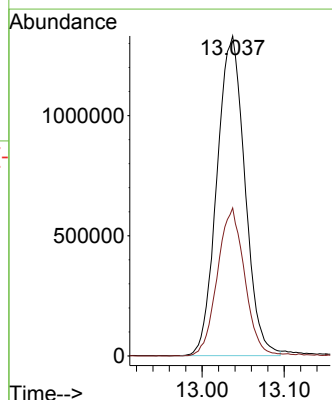
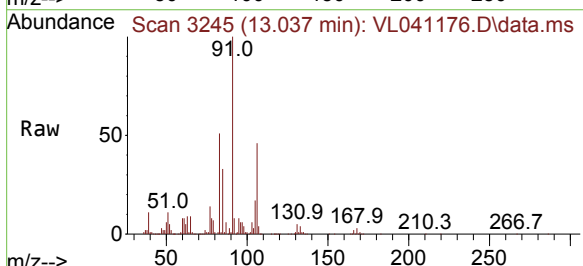
Acq: 25 Apr 2024 18:33

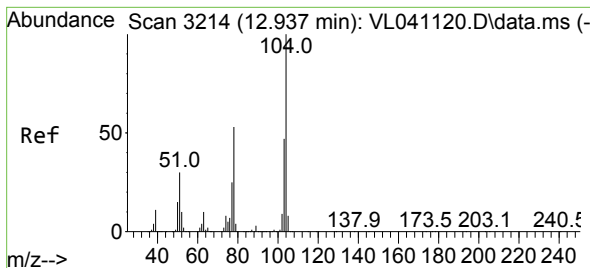
Tgt Ion: 91 Resp: 3154940

Ion Ratio Lower Upper

91 100

106 45.6 22.9 68.5





#61

Styrene

Concen: 12.909 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

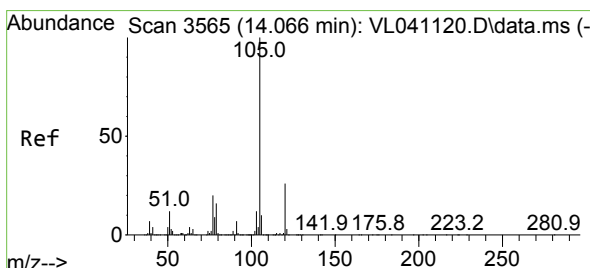
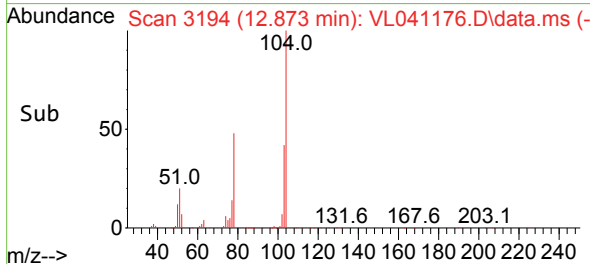
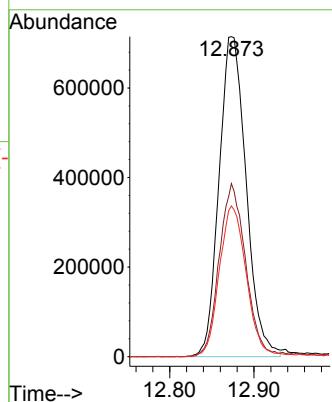
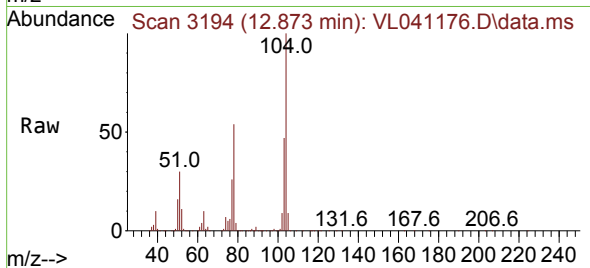
Tgt Ion:104 Resp: 1594174

Ion Ratio Lower Upper

104 100

78 53.8 43.3 64.9

103 47.5 38.2 57.2



#62

Isopropylbenzene

Concen: 11.157 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. 0.000 min

Lab File: VL041176.D

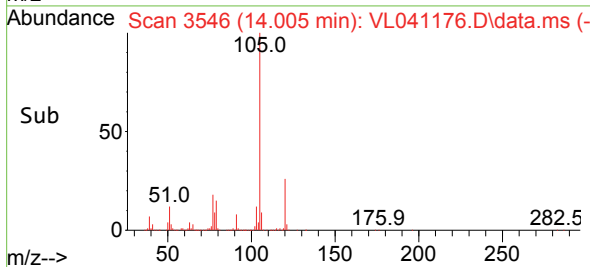
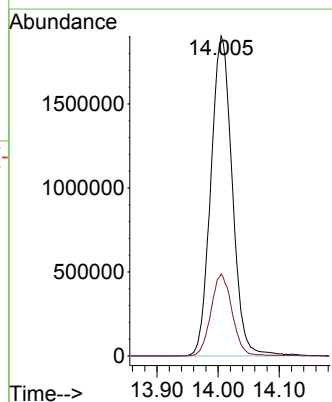
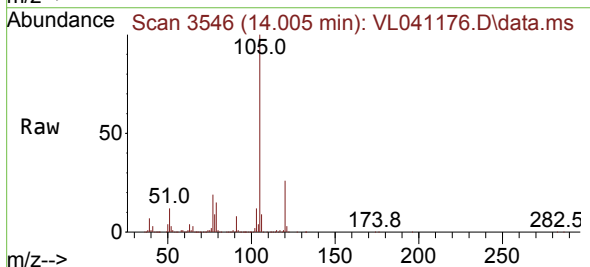
Acq: 25 Apr 2024 18:33

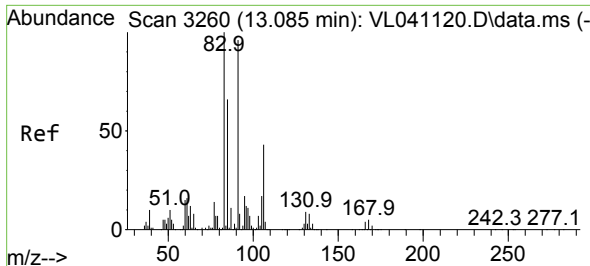
Tgt Ion:105 Resp: 4629038

Ion Ratio Lower Upper

105 100

120 25.5 21.0 31.4

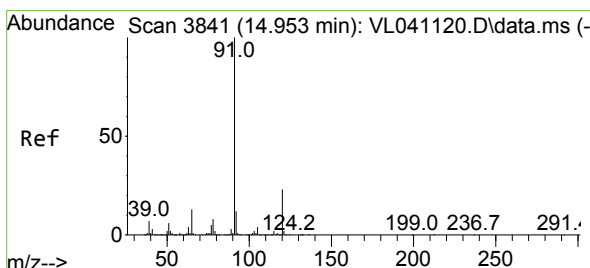
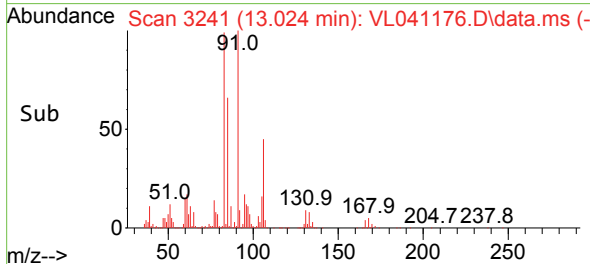
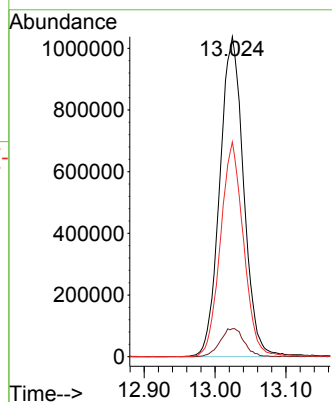
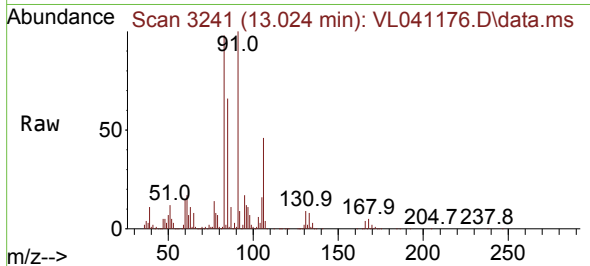




#63
1,1,2,2-Tetrachloroethane
Concen: 11.040 ppbv
RT: 13.024 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

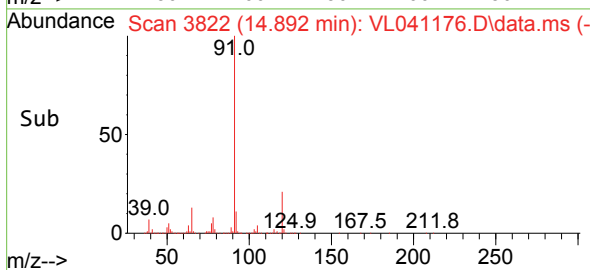
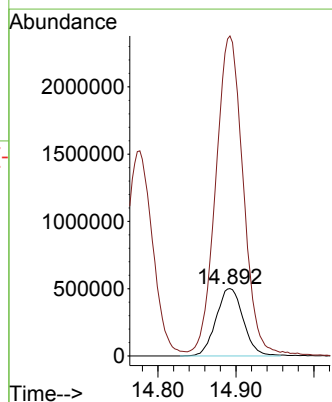
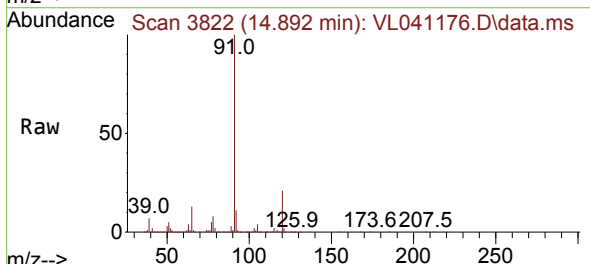
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

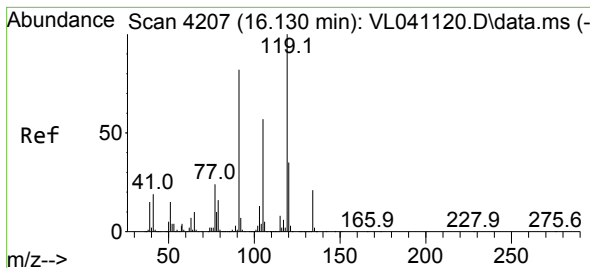
Tgt Ion: 83 Resp: 2417425
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.0
85 65.5 33.1 99.2



#64
n-propylbenzene
Concen: 11.650 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 120 Resp: 1213011
Ion Ratio Lower Upper
120 100
91 485.1 395.0 592.6





#65

tert-Butylbenzene

Concen: 11.344 ppbv

RT: 16.066 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

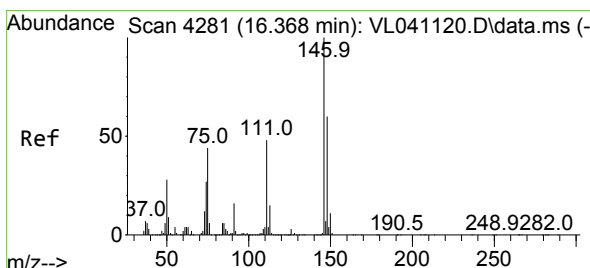
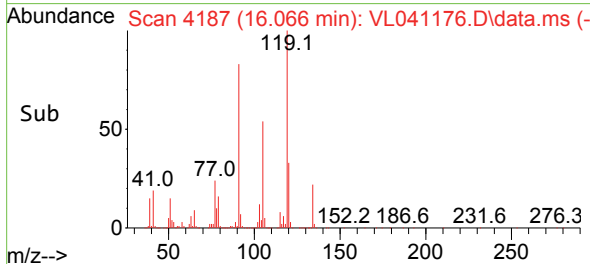
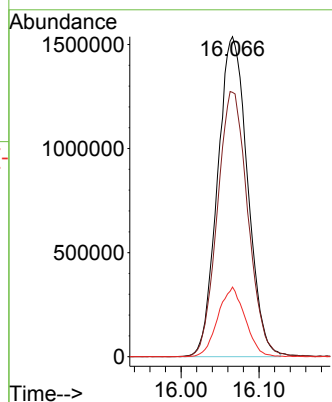
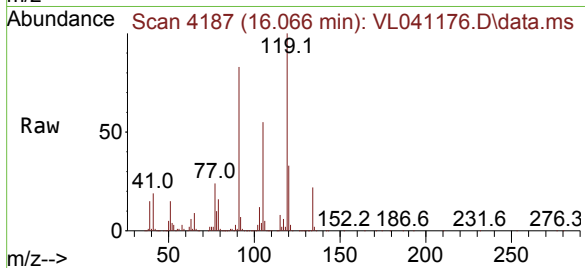
Tgt Ion:119 Resp: 4109038

Ion Ratio Lower Upper

119 100

91 84.4 67.8 101.8

134 19.8 16.0 24.0



#66

Benzyl Chloride

Concen: 12.089 ppbv

RT: 16.304 min Scan# 4261

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

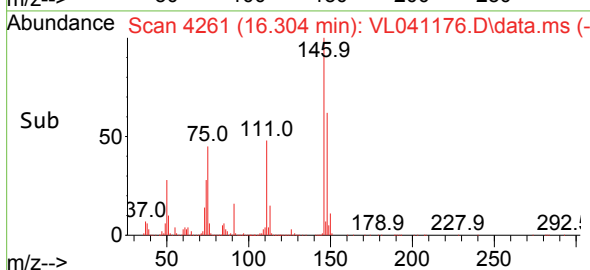
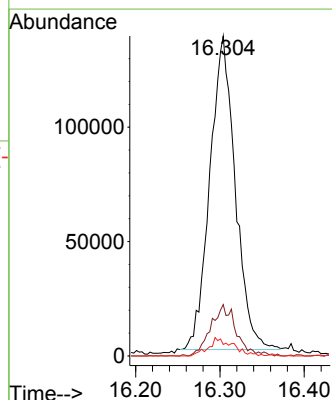
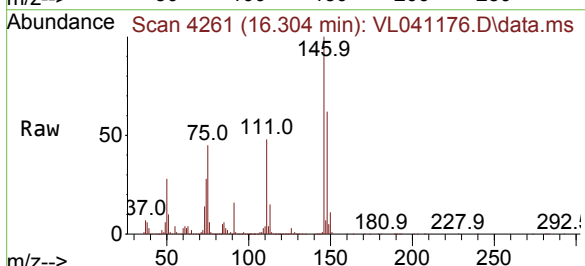
Tgt Ion: 91 Resp: 288097

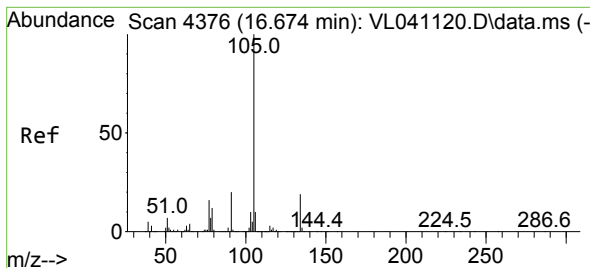
Ion Ratio Lower Upper

91 100

126 16.4 13.4 20.2

128 5.8 4.3 6.5

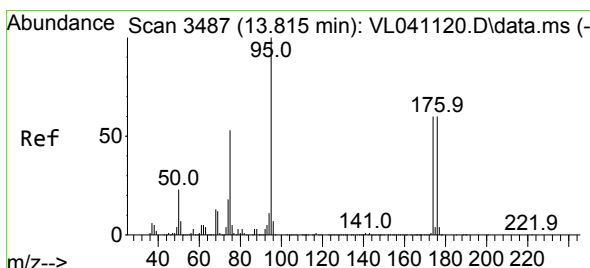
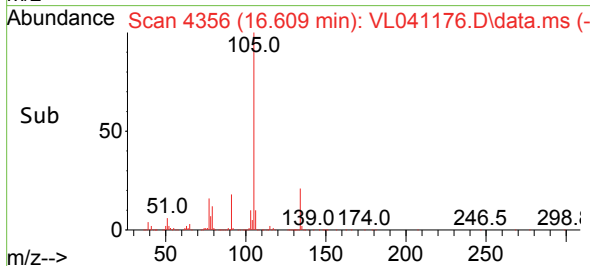
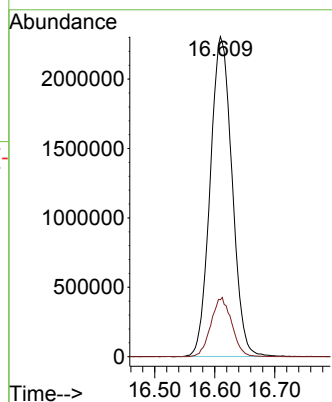
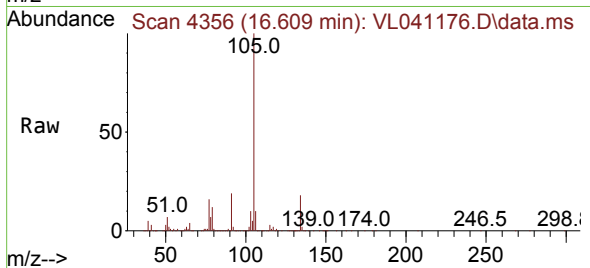




#67
 sec-Butylbenzene
 Concen: 11.177 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

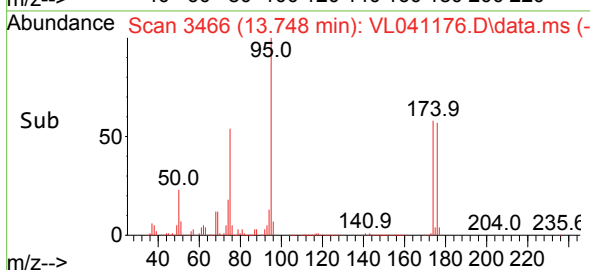
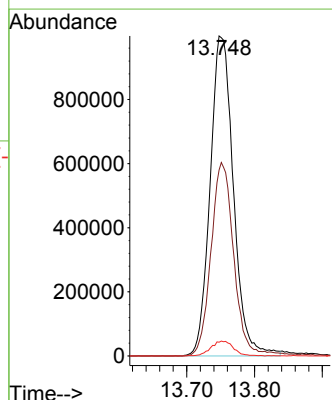
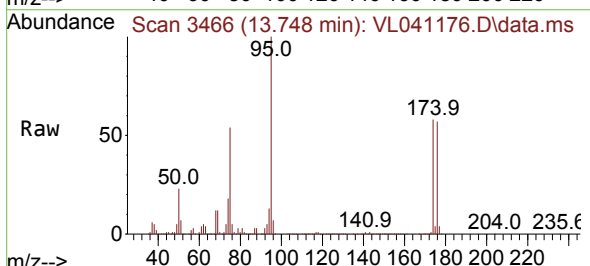
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

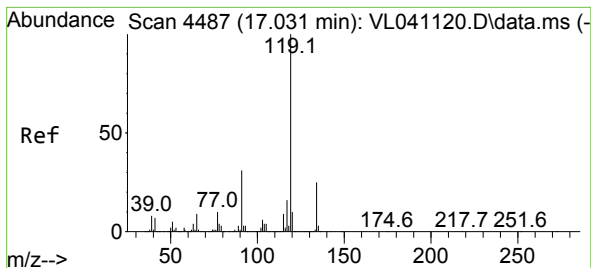
Tgt Ion:105 Resp: 5849117
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.961 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.000 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Tgt Ion: 95 Resp: 2382647
 Ion Ratio Lower Upper
 95 100
 174 59.9 49.3 73.9
 175 4.6 3.6 5.4





#69

p-Isopropyltoluene

Concen: 11.575 ppbv

RT: 16.969 min Scan# 4487

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

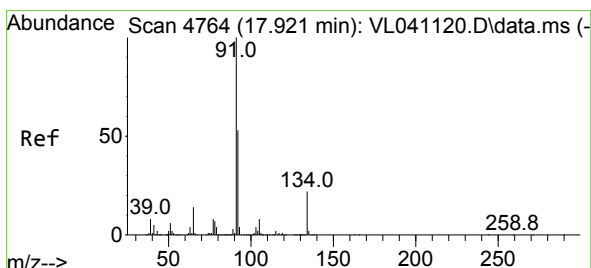
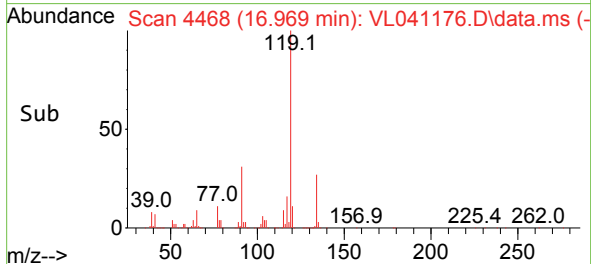
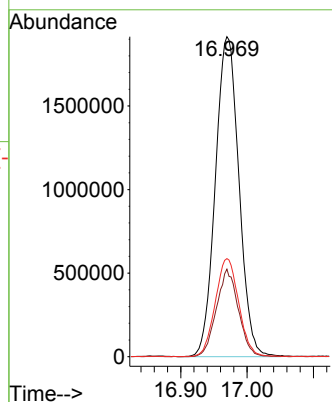
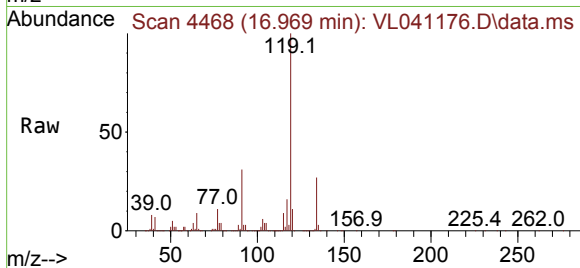
Tgt Ion:119 Resp: 4723502

Ion Ratio Lower Upper

119 100

134 25.5 20.5 30.7

91 30.6 24.8 37.2



#70

n-Butylbenzene

Concen: 11.666 ppbv

RT: 17.860 min Scan# 4745

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

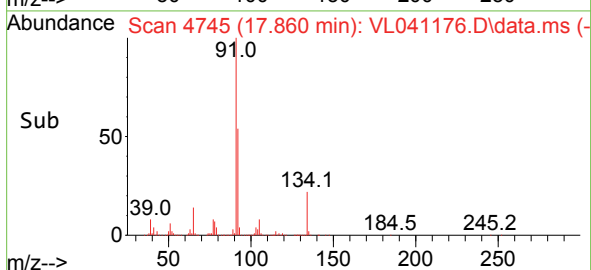
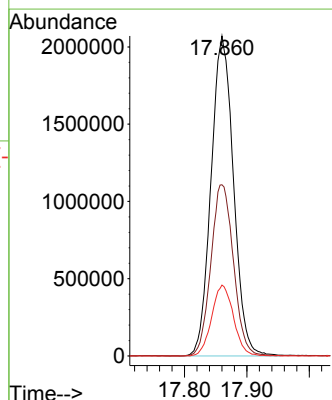
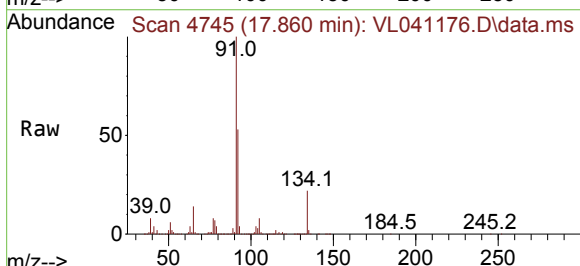
Tgt Ion: 91 Resp: 5171619

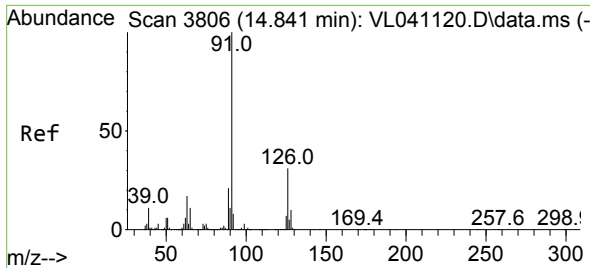
Ion Ratio Lower Upper

91 100

92 54.0 43.4 65.0

134 21.6 17.1 25.7

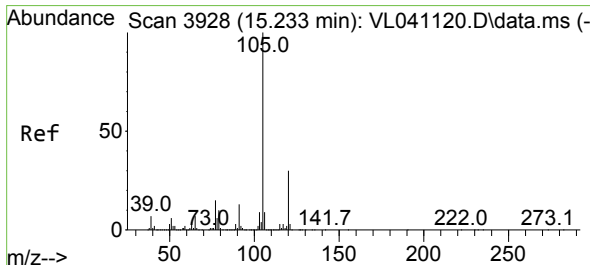
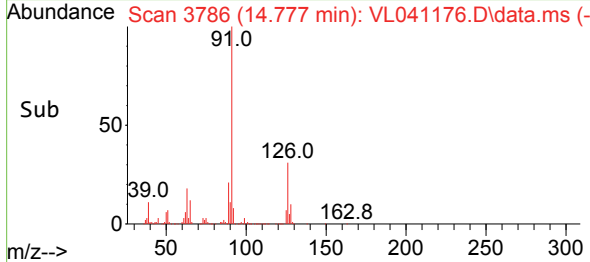
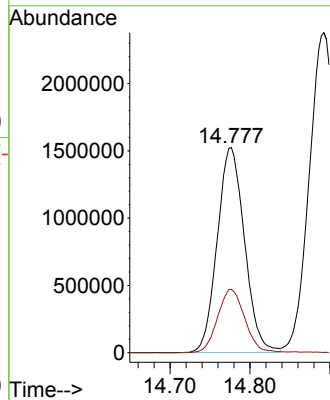
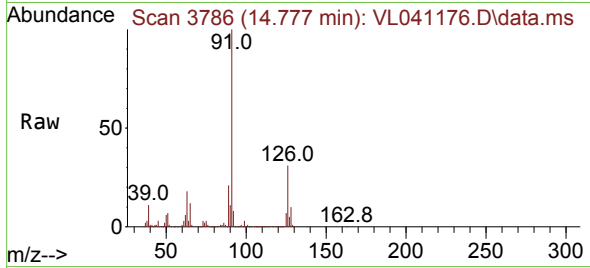




#71
2-Chlorotoluene
Concen: 11.352 ppbv
RT: 14.777 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

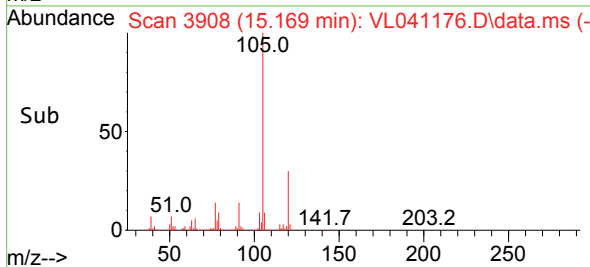
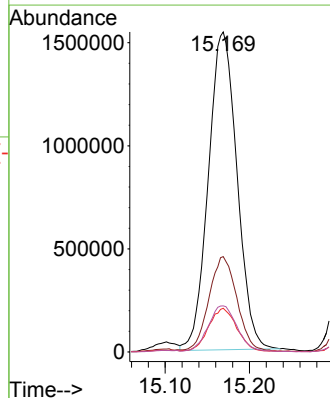
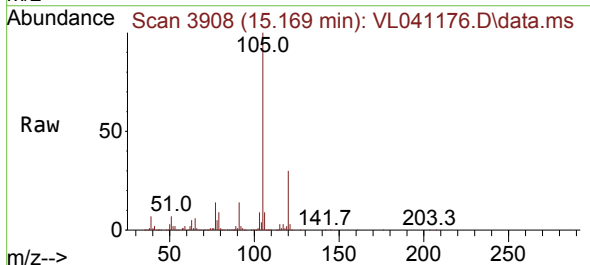
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

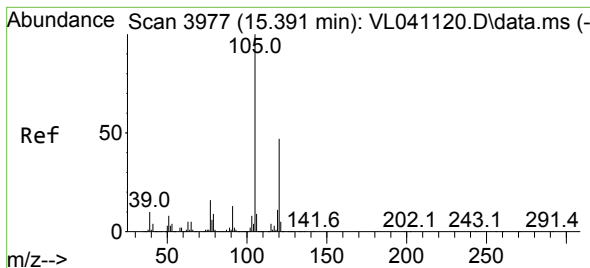
Tgt Ion: 91 Resp: 3612589
Ion Ratio Lower Upper
91 100
126 30.7 12.5 50.1



#72
4-Ethyltoluene
Concen: 11.687 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 105 Resp: 3637901
Ion Ratio Lower Upper
105 100
120 30.8 24.2 36.2
91 14.3 11.2 16.8
77 15.4 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.612 ppbv

RT: 15.326 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

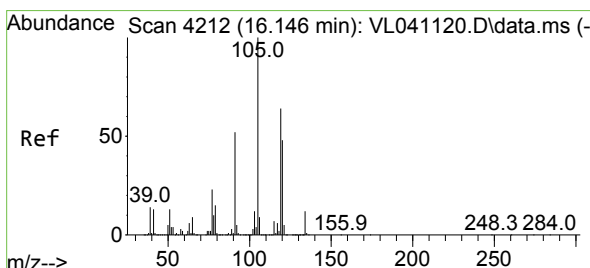
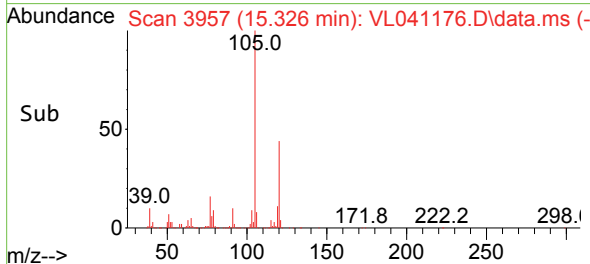
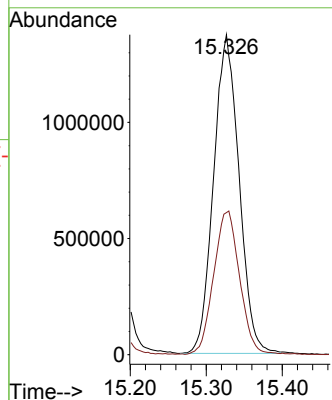
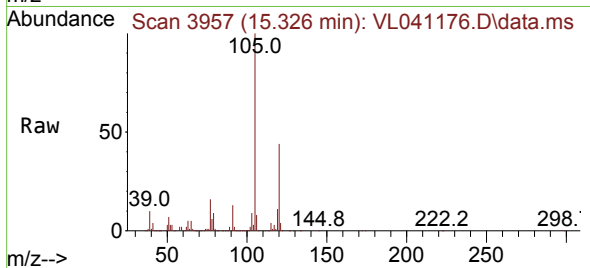
VSTDCCC010EC

Tgt Ion:105 Resp: 3187793

Ion Ratio Lower Upper

105 100

120 44.4 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 11.345 ppbv

RT: 16.082 min Scan# 4192

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Tgt Ion:105 Resp: 3564371

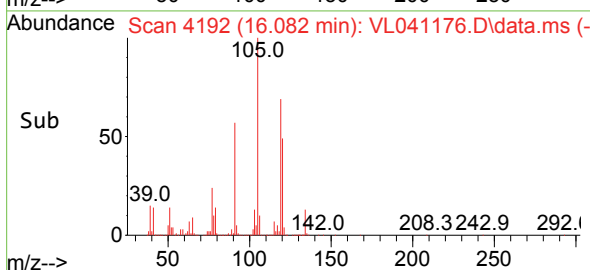
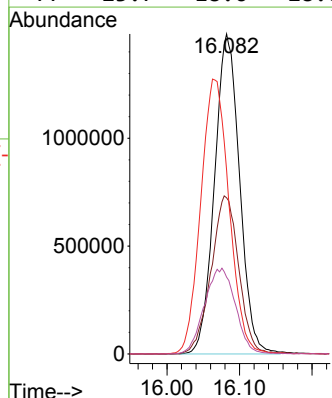
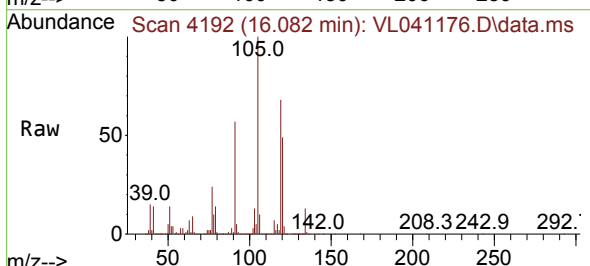
Ion Ratio Lower Upper

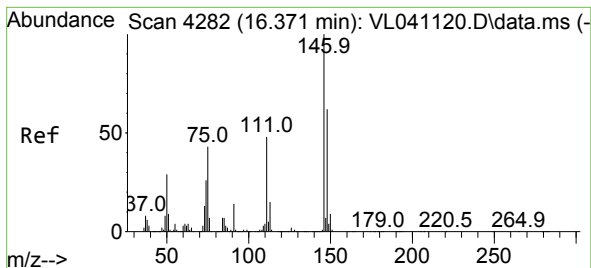
105 100

120 48.6 38.9 58.3

91 57.0 43.0 64.6

77 23.7 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 11.344 ppbv

RT: 16.304 min Scan# 4307

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

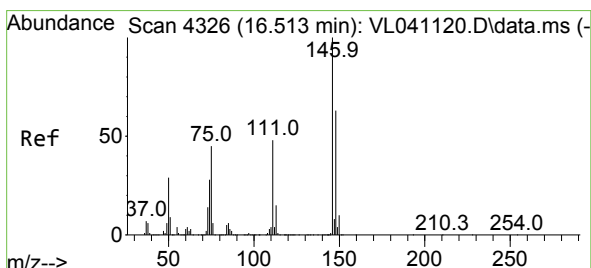
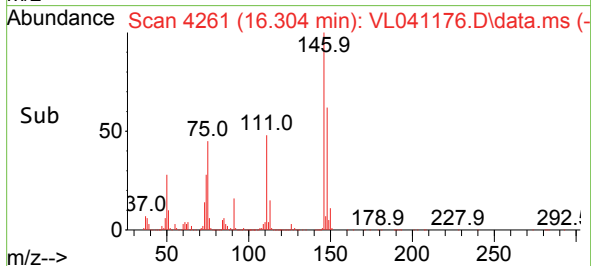
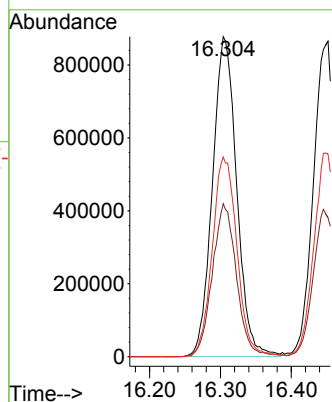
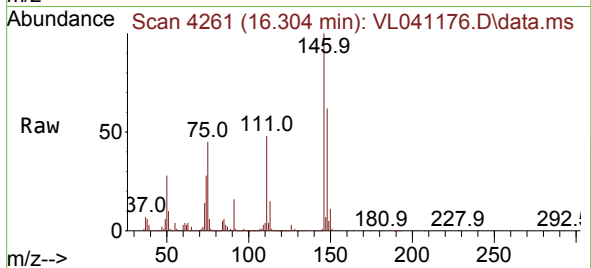
Tgt Ion:146 Resp: 2080912

Ion Ratio Lower Upper

146 100

111 47.8 24.1 72.4

148 63.7 32.0 96.2



#76

1,4-Dichlorobenzene

Concen: 11.193 ppbv

RT: 16.452 min Scan# 4307

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

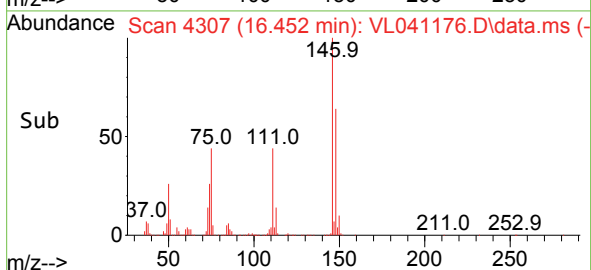
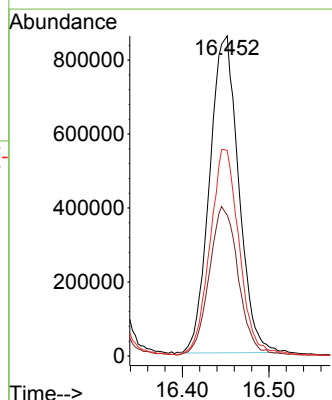
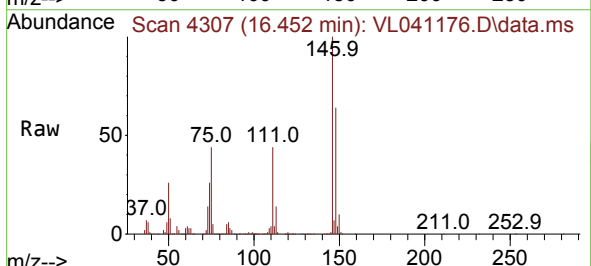
Tgt Ion:146 Resp: 1997169

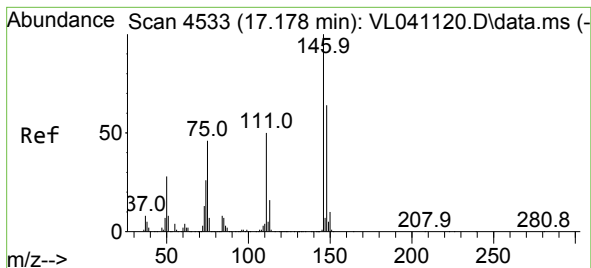
Ion Ratio Lower Upper

146 100

111 47.9 24.1 72.3

148 66.3 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 11.285 ppbv

RT: 17.117 min Scan# 4514

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

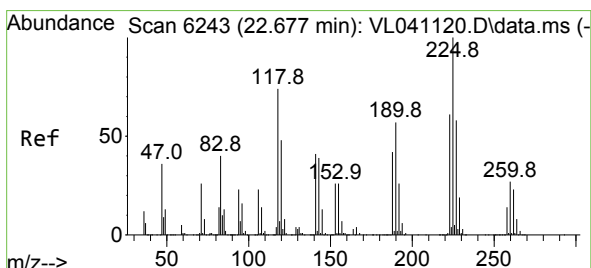
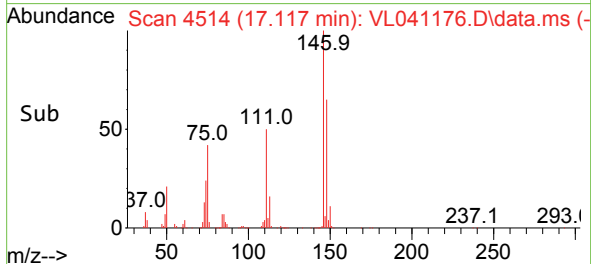
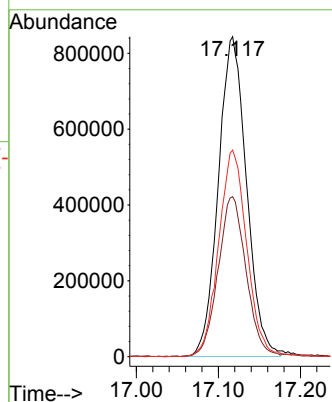
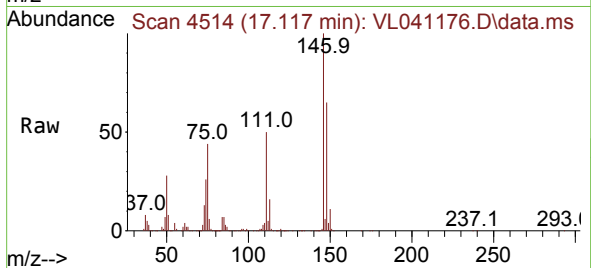
Tgt Ion:146 Resp: 2010199

Ion Ratio Lower Upper

146 100

111 50.3 25.1 75.3

148 65.1 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 10.434 ppbv

RT: 22.599 min Scan# 6219

Delta R.T. -0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

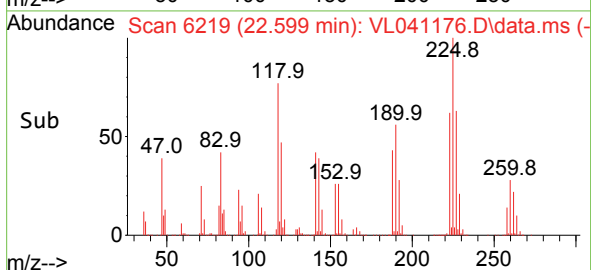
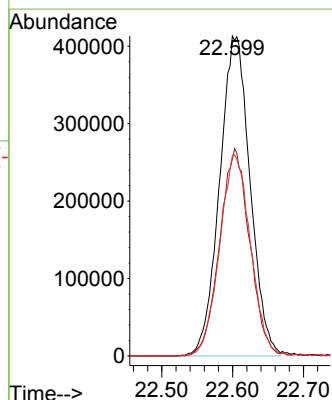
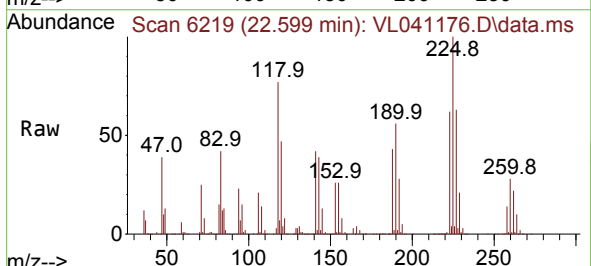
Tgt Ion:225 Resp: 1235636

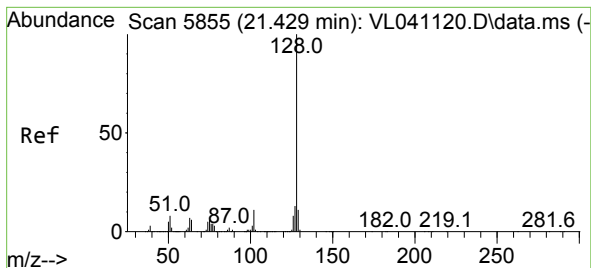
Ion Ratio Lower Upper

225 100

223 64.2 50.9 76.3

227 63.9 51.3 76.9





#79

Naphthalene

Concen: 14.949 ppbv

RT: 21.355 min Scan# 5832

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

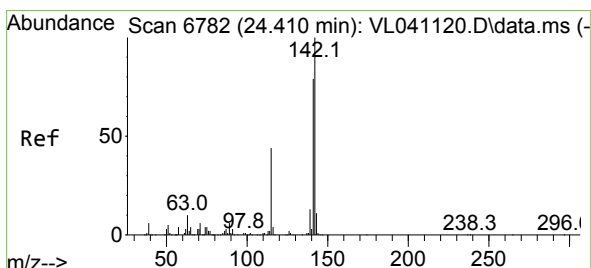
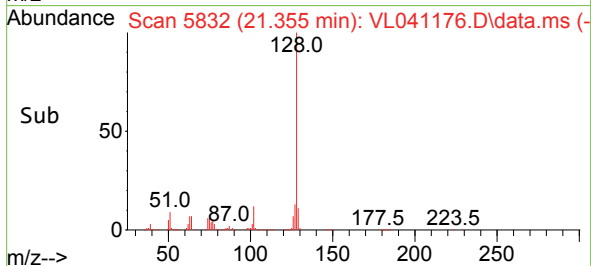
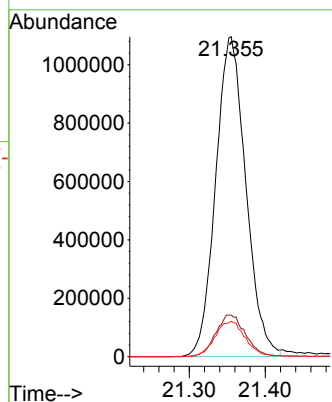
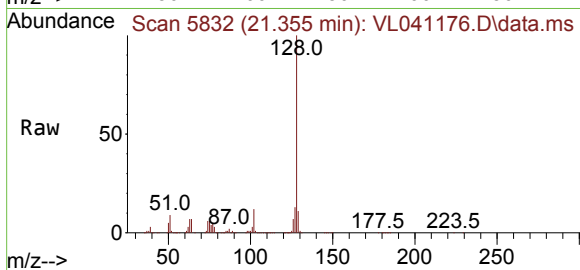
Tgt Ion:128 Resp: 3013158

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.1 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 16.910 ppbv

RT: 24.355 min Scan# 6765

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

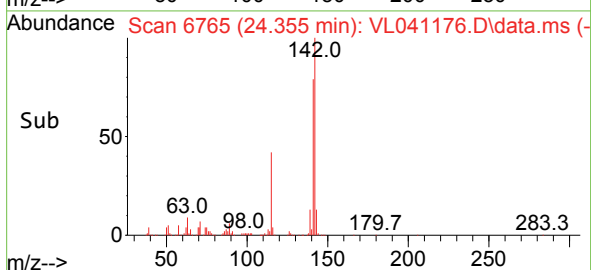
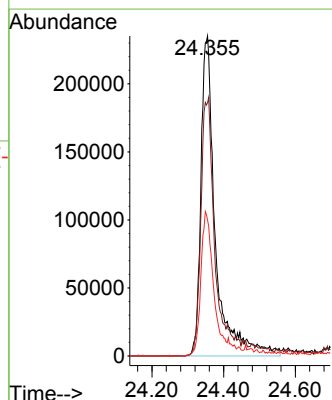
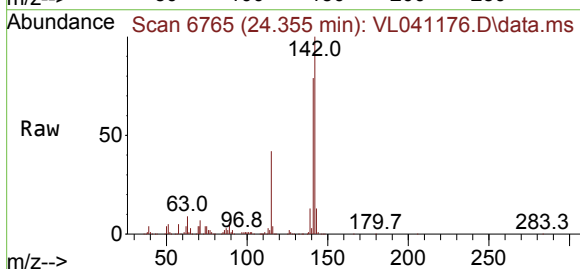
Tgt Ion:142 Resp: 663941

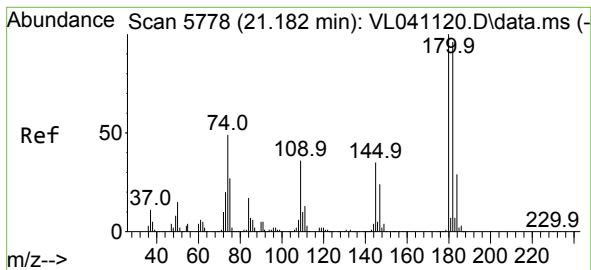
Ion Ratio Lower Upper

142 100

141 82.5 64.4 96.6

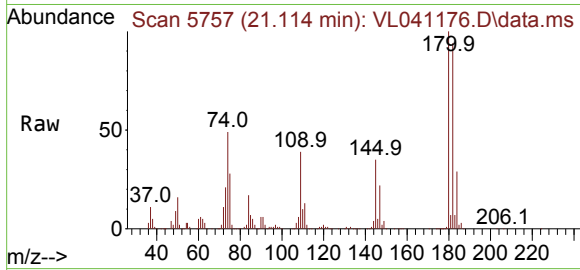
115 41.7 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 12.854 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1452433
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.4 116.2
 184 30.6 24.9 37.3

