

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041208.D
 Acq On : 3 May 2024 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: May 06 01:23:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	948367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2455244	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.449	117	2355467	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1787733	10.053	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	1339430	10.441	ppbv	100
3) Chlorodifluoromethane	2.674	51	1389847	9.649	ppbv	99
4) Chloromethane	2.809	50	552582	9.777	ppbv	96
5) Vinyl Chloride	2.915	62	552933	9.739	ppbv	99
6) Bromomethane	3.115	94	186851	9.020	ppbv	99
7) Chloroethane	3.195	64	189313	9.444	ppbv	98
8) Dichlorotetrafluoroethane	2.854	85	1306092	9.837	ppbv	99
9) Propene	2.690	41	523721	9.291	ppbv	100
10) Heptane	7.565	43	1265854	9.269	ppbv	100
11) Trichlorofluoromethane	3.555	101	1337248	10.257	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	973907	10.102	ppbv	99
13) Ethanol	3.234	45	117798	9.322	ppbv	97
14) Bromoethene	3.362	108	386160	9.705	ppbv	99
15) Acetone	3.462	43	1022251	9.133	ppbv	98
16) 1,3-Butadiene	2.980	39	559817	9.908	ppbv	98
17) tert-Butyl alcohol	3.870	59	1134521	9.397	ppbv	99
18) 1,1-Dichloroethene	3.870	96	437243	10.171	ppbv	97
19) Isopropyl Alcohol	3.568	45	751434	10.231	ppbv #	43
20) Methylene Chloride	3.925	84	369950	9.505	ppbv	97
21) Allyl Chloride	3.989	41	701879	9.617	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	453968	10.155	ppbv	99
23) Vinyl Acetate	4.616	43	1190878	9.663	ppbv	99
24) 1,1-Dichloroethane	4.555	63	964571	10.065	ppbv	97
25) Ethyl Acetate	5.192	43	2068243	9.258	ppbv	99
26) Hexane	5.201	57	910536	9.133	ppbv	99
27) Carbon Disulfide	4.115	76	1148470	9.732	ppbv	97
28) Methyl tert-Butyl Ether	4.578	73	751488	9.467	ppbv	100
29) Chloroform	5.263	83	1361973	9.903	ppbv	100
30) Cyclohexane	6.590	84	768707	9.741	ppbv	98
31) cis-1,2-Dichloroethene	5.066	61	909239	9.742	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1356516	9.885	ppbv	99
34) 2-Butanone	4.777	43	1092508	8.742	ppbv	99
35) Carbon Tetrachloride	6.481	117	1350654	9.802	ppbv	99
36) Benzene	6.359	78	1920216	9.320	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1087077	10.112	ppbv	100
38) Trichloroethene	7.279	130	719425	9.370	ppbv	98
39) 1,2-Dichloropropane	7.060	63	752047	9.471	ppbv	99
40) 1,4-Dioxane	7.272	88	296750	10.461	ppbv	87
41) Tetrahydrofuran	5.542	42	842083	9.308	ppbv	99
42) Bromodichloromethane	7.237	83	1520766	9.864	ppbv	99
43) Methyl Methacrylate	7.459	69	779908	9.359	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3265486	9.192	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	555033	9.191	ppbv	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	682118	9.226	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	766947	9.650	ppbv	99
48) Dibromochloromethane	9.693	129	1266604	10.002	ppbv	100
49) Bromoform	12.394	173	1074097	9.970	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2015475	8.987	ppbv	99
51) 2-Hexanone	9.536	43	1473265	8.856	ppbv #	99
52) Tetrachloroethene	10.600	164	674178	9.310	ppbv	98
53) Toluene	9.205	91	2234568	9.353	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1052204	9.774	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.494	131	922511	9.659	ppbv	97
57) Chlorobenzene	11.510	112	1606749	9.314	ppbv	99
58) Ethyl Benzene	12.073	91	2937352	9.095	ppbv	98
59) m/p-Xylene	12.356	91	2559681	9.429	ppbv #	37
60) o-Xylene	13.044	91	2346542	9.222	ppbv	100
61) Styrene	12.883	104	1265963	9.418	ppbv	100
62) Isopropylbenzene	14.011	105	3495815	9.185	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1642083	9.468	ppbv	99
64) n-propylbenzene	14.902	120	920015	9.689	ppbv	98
65) tert-Butylbenzene	16.076	119	3061681	8.981	ppbv	100
66) Benzyl Chloride	16.314	91	208747	5.410	ppbv	99
67) sec-Butylbenzene	16.622	105	4328861	9.021	ppbv	99
69) p-Isopropyltoluene	16.979	119	3611777	9.133	ppbv	100
70) n-Butylbenzene	17.873	91	3803512	9.209	ppbv	100
71) 2-Chlorotoluene	14.786	91	2689590	9.281	ppbv	99
72) 4-Ethyltoluene	15.179	105	2787821	9.673	ppbv	98
73) 1,3,5-Trimethylbenzene	15.336	105	2416615	9.267	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	2637848	9.262	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	1559284	9.548	ppbv	100
76) 1,4-Dichlorobenzene	16.458	146	1542079	9.819	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1528067	9.361	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1140684	7.862	ppbv	99
79) Naphthalene	21.368	128	2641678	9.740	ppbv	98
80) Naphthalene,2-methyl-	24.361	142	835658	7.659	ppbv	100
81) 1,2,4-Trichlorobenzene	21.124	180	1313432	9.172	ppbv	100

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

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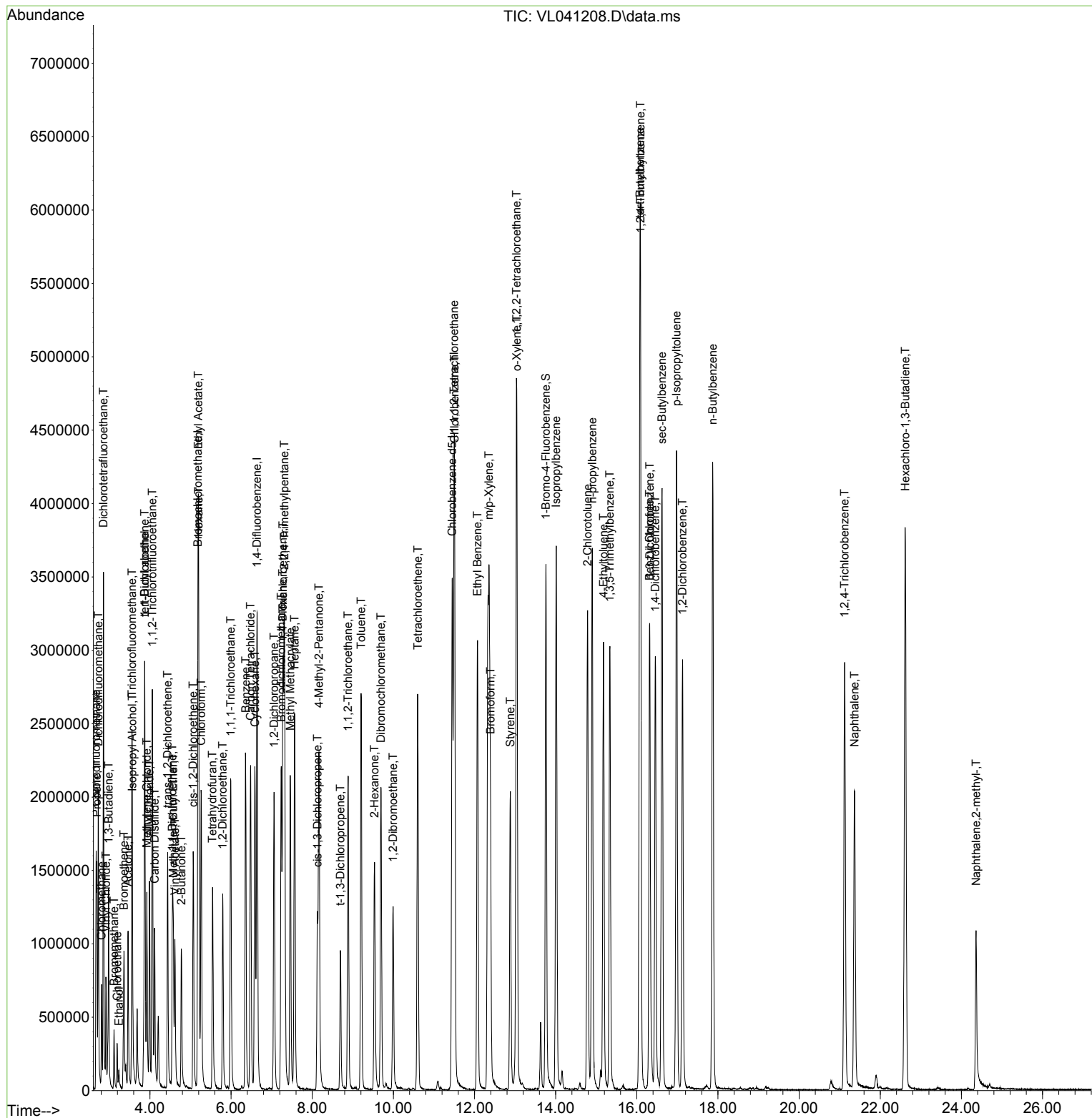
Quant Time: May 06 01:23:43 2024

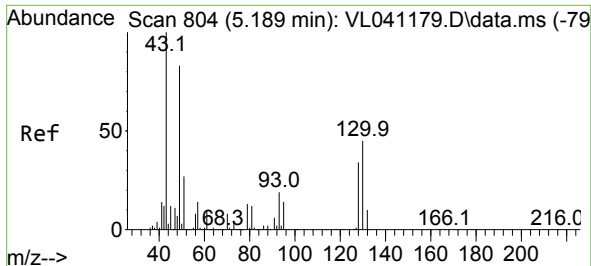
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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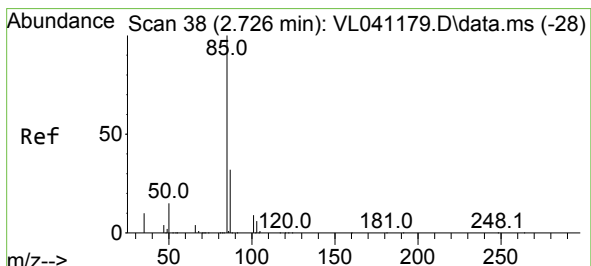
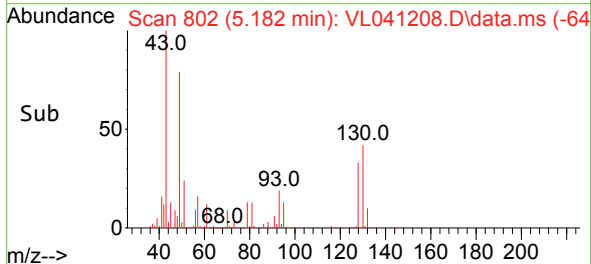
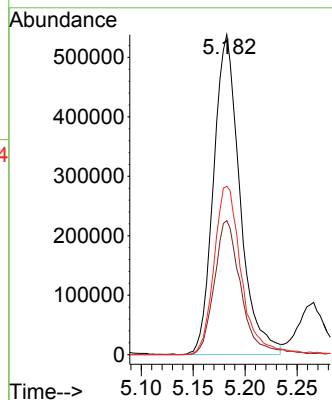
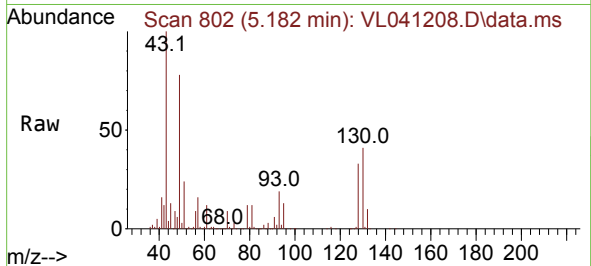




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

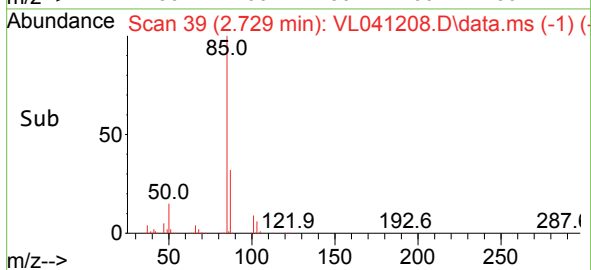
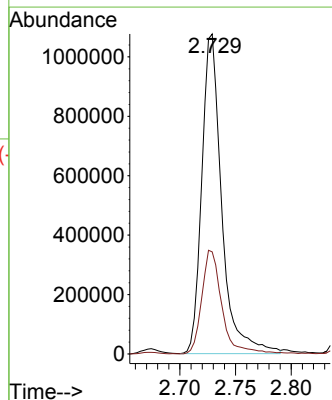
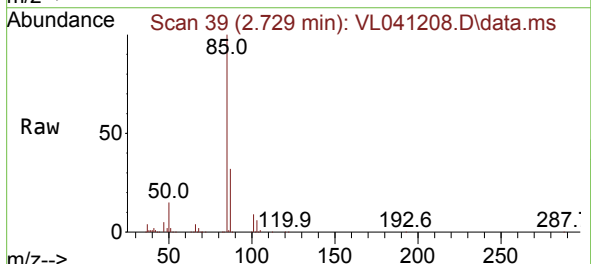
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

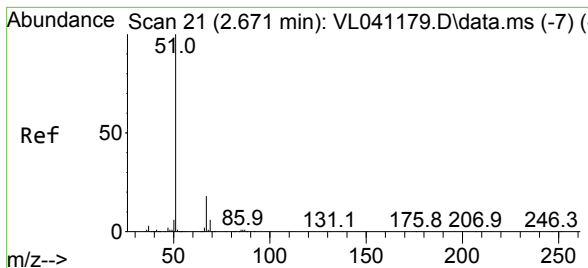
Tgt Ion: 49 Resp: 948367
Ion Ratio Lower Upper
49 100
128 43.3 21.5 64.5
130 56.0 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 10.441 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 85 Resp: 1339430
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5





#3

Chlorodifluoromethane

Concen: 9.649 ppbv

RT: 2.674 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

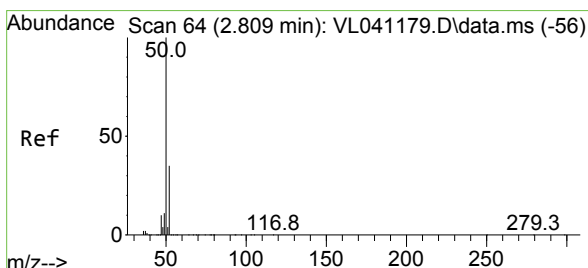
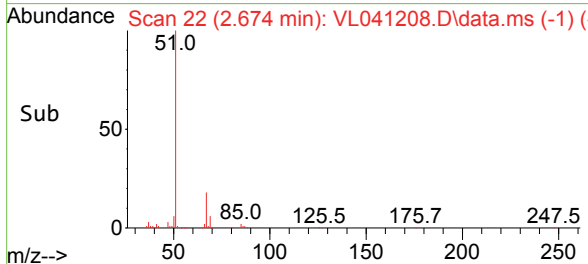
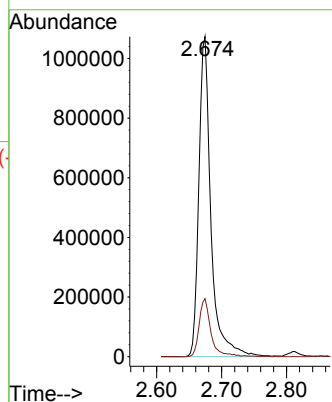
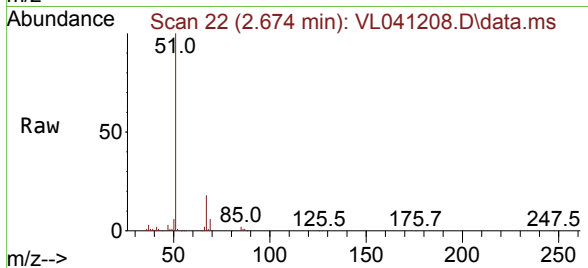
VSTDCCC010EC

Tgt Ion: 51 Resp: 1389847

Ion Ratio Lower Upper

51 100

67 17.9 14.0 21.0



#4

Chloromethane

Concen: 9.777 ppbv

RT: 2.809 min Scan# 64

Delta R.T. -0.000 min

Lab File: VL041208.D

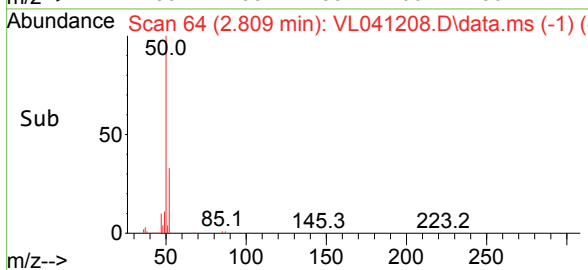
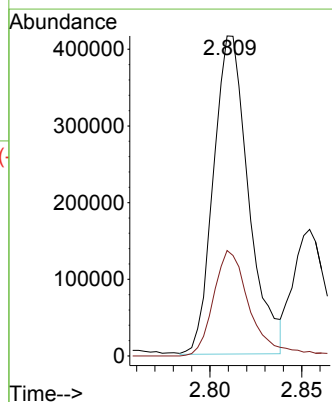
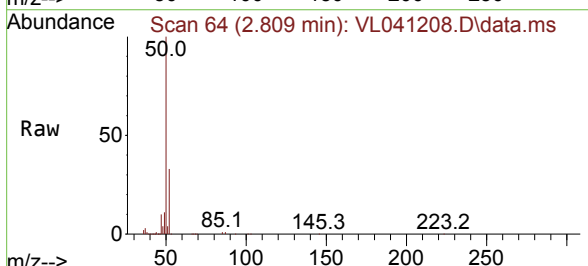
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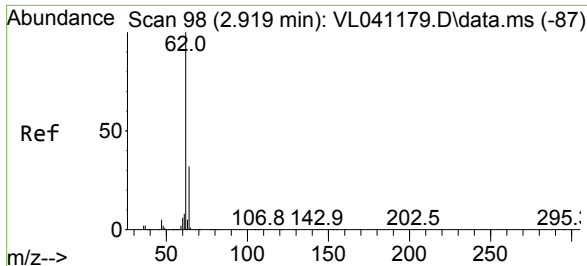
Tgt Ion: 50 Resp: 552582

Ion Ratio Lower Upper

50 100

52 33.2 28.3 42.5

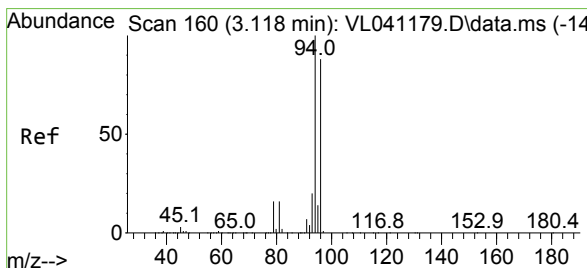
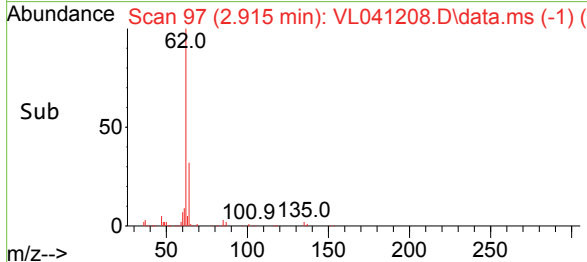
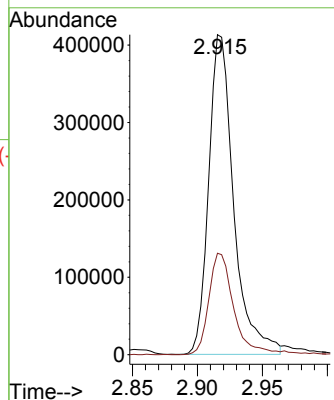
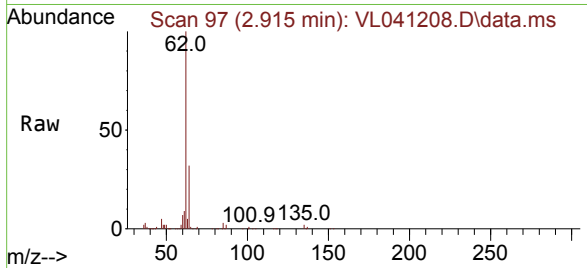




#5
 Vinyl Chloride
 Concen: 9.739 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

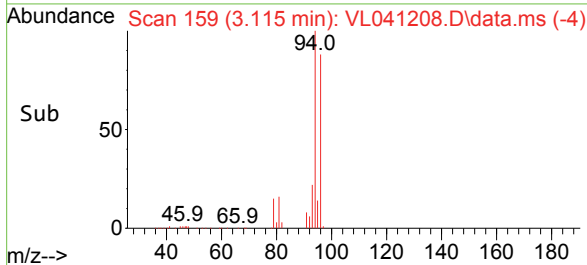
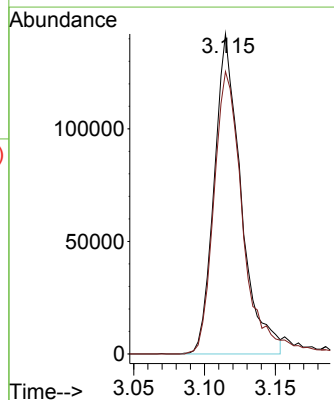
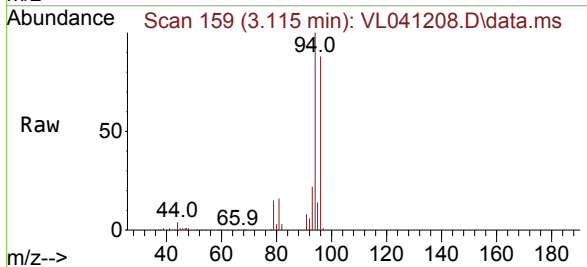
Instrument :
 MSVOA_L
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 VSTDCCC010EC

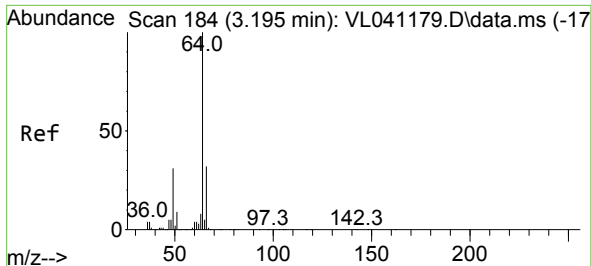
Tgt Ion: 62 Resp: 552933
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.7 38.5



#6
 Bromomethane
 Concen: 9.020 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion: 94 Resp: 186851
 Ion Ratio Lower Upper
 94 100
 96 88.3 70.1 105.1

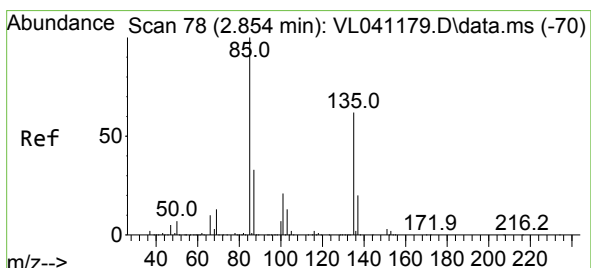
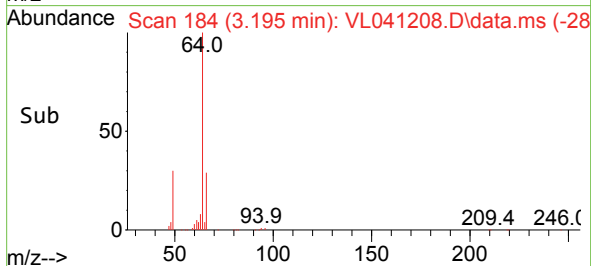
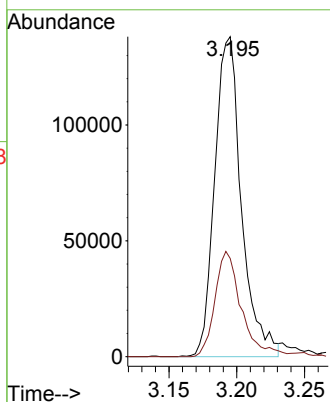
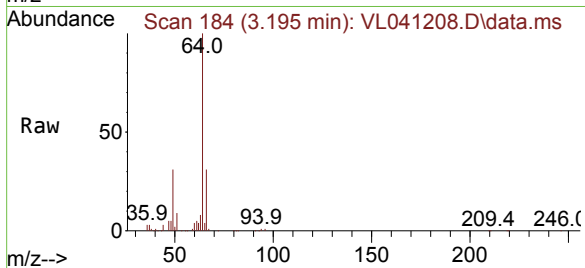




#7
Chloroethane
Concen: 9.444 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

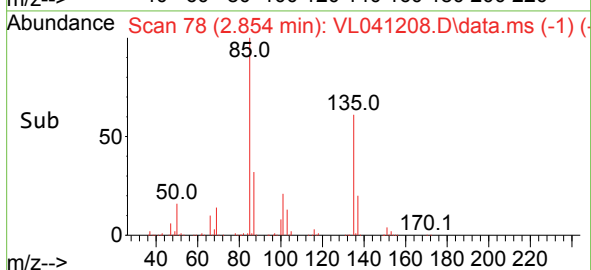
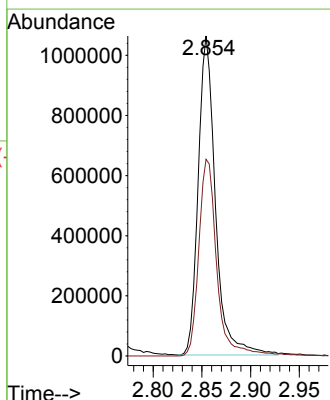
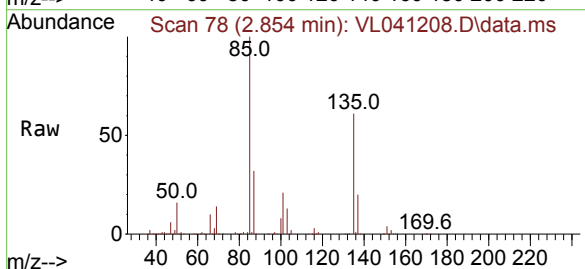
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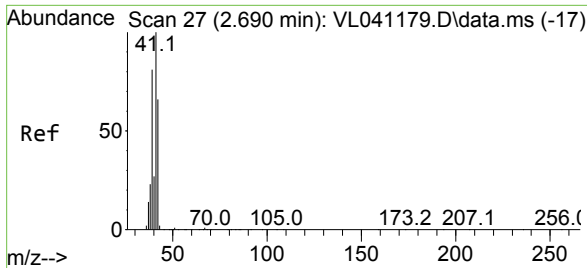
Tgt Ion: 64 Resp: 189313
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.837 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 85 Resp: 1306092
Ion Ratio Lower Upper
85 100
135 65.0 51.5 77.3

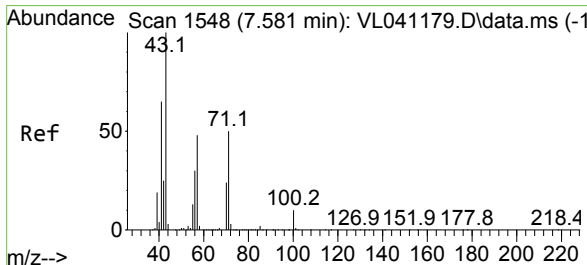
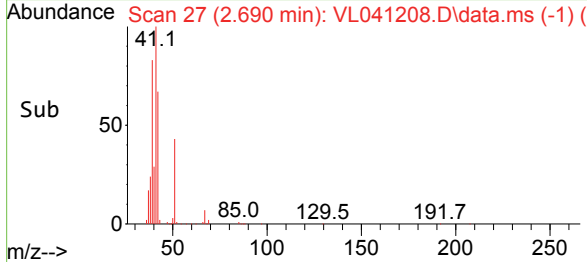
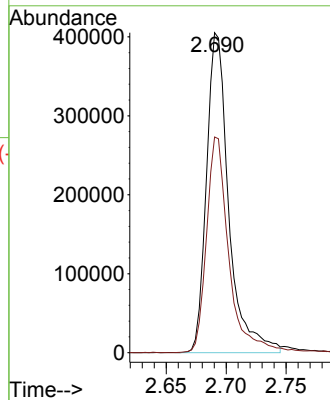
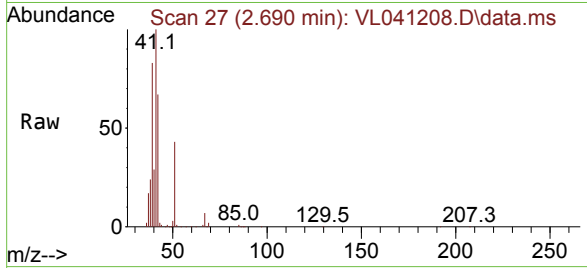




#9
 Propene
 Concen: 9.291 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

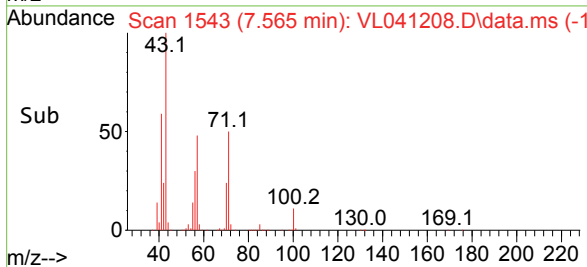
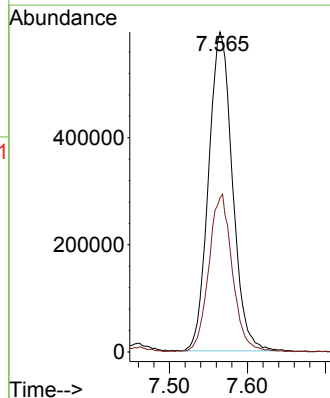
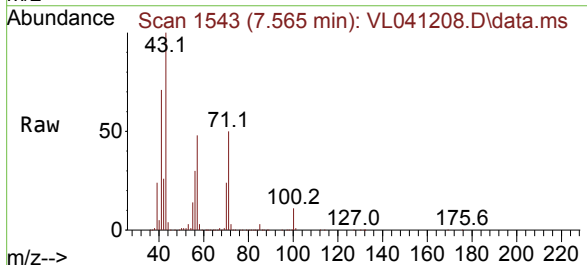
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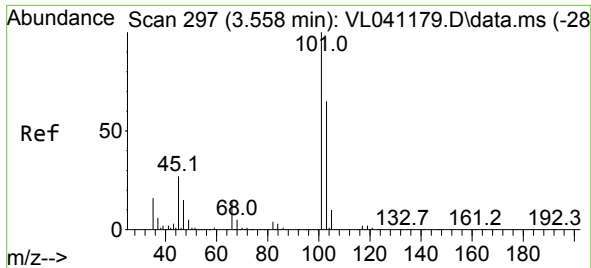
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 Ion Ratio Lower Upper
 41 100
 42 68.8 55.3 82.9



#10
 Heptane
 Concen: 9.269 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.016 min
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Tgt Ion: 43 Resp: 1265854
 Ion Ratio Lower Upper
 43 100
 57 48.7 38.7 58.1

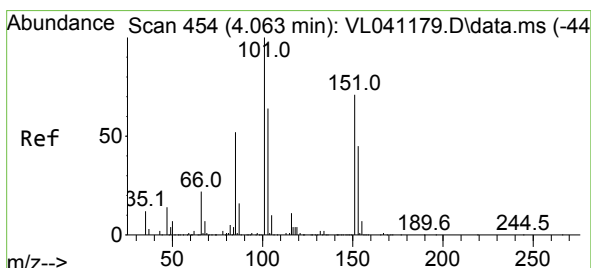
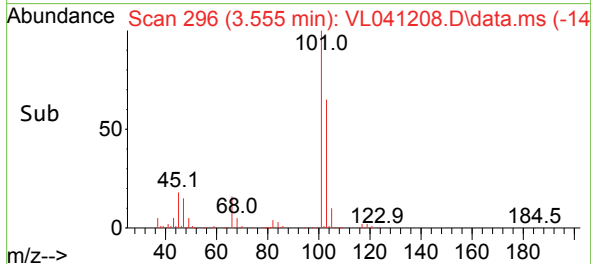
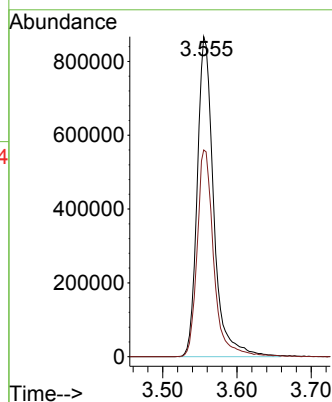
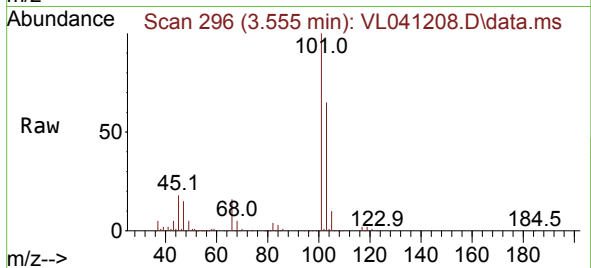




#11
 Trichlorofluoromethane
 Concen: 10.257 ppbv
 RT: 3.555 min Scan# 297
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

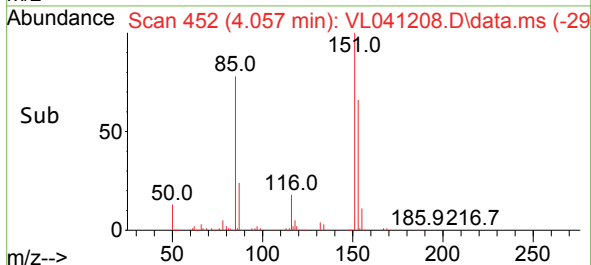
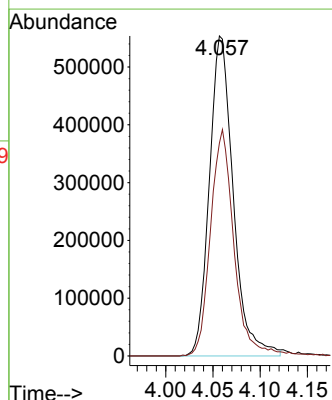
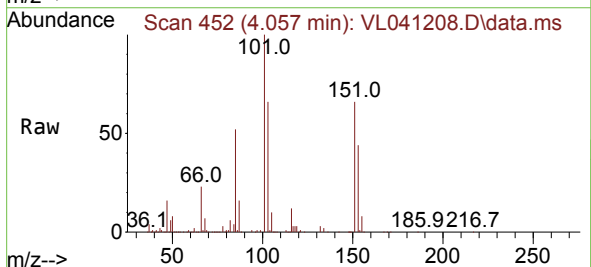
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

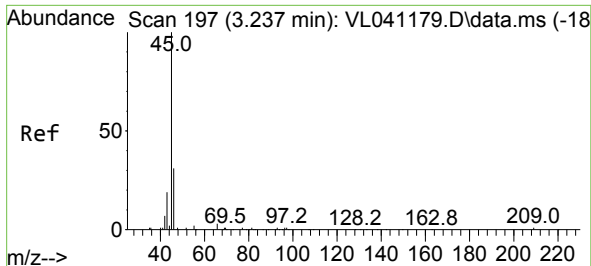
Tgt Ion:101 Resp: 1337248
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.102 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.006 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion:101 Resp: 973907
 Ion Ratio Lower Upper
 101 100
 151 70.0 56.8 85.2

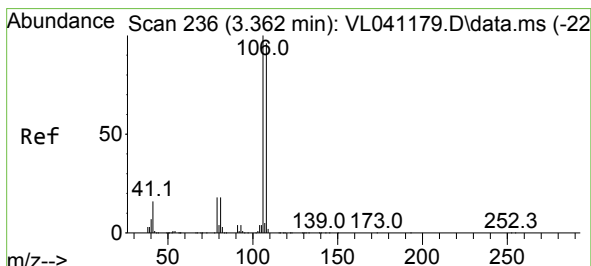
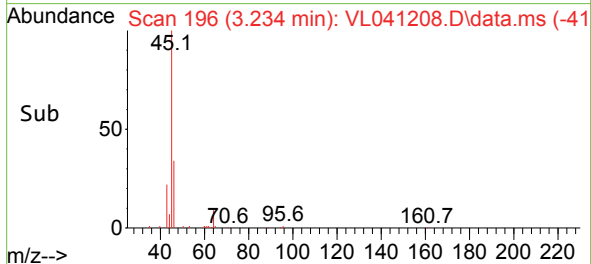
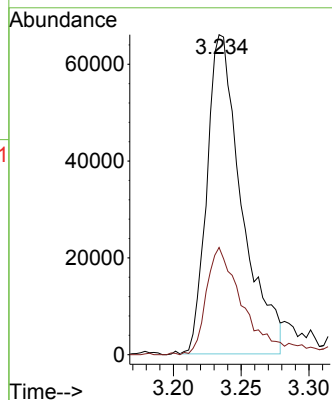
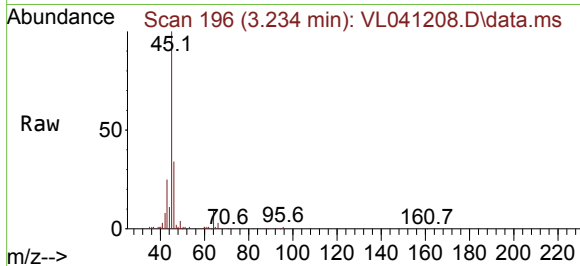




#13
Ethanol
Concen: 9.322 ppbv
RT: 3.234 min Scan# 197
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

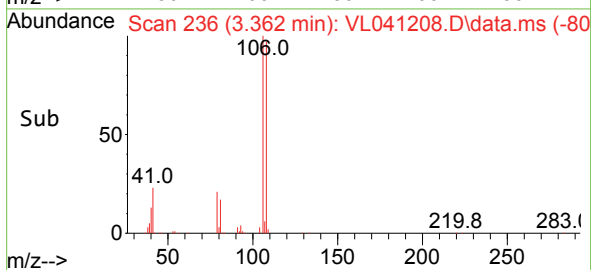
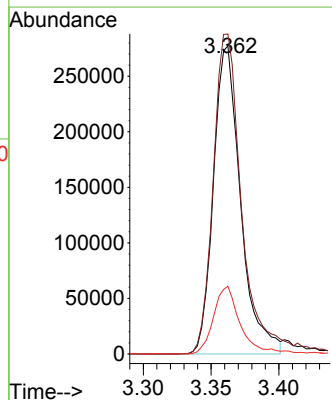
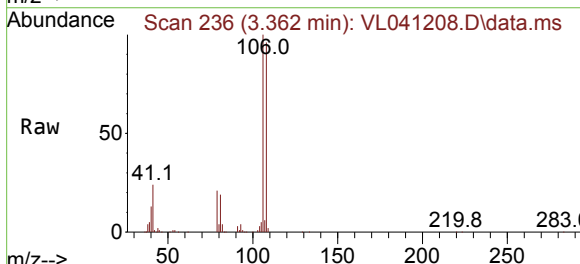
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

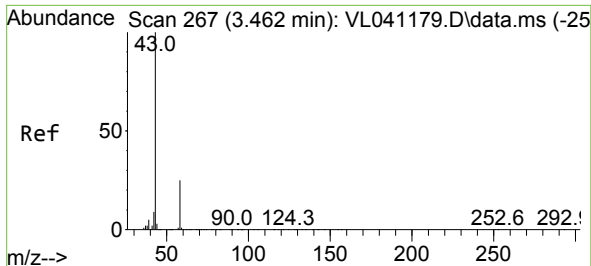
Tgt Ion: 45 Resp: 117798
Ion Ratio Lower Upper
45 100
46 38.9 14.8 59.0



#14
Bromoethene
Concen: 9.705 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:108 Resp: 386160
Ion Ratio Lower Upper
108 100
106 111.6 88.2 132.4
79 22.6 17.4 26.0

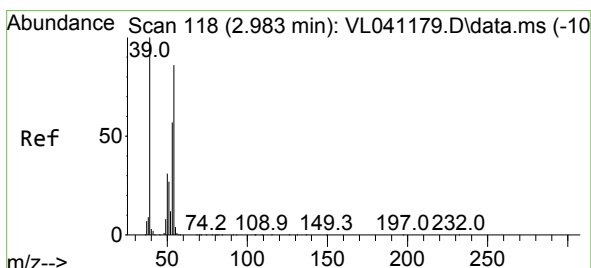
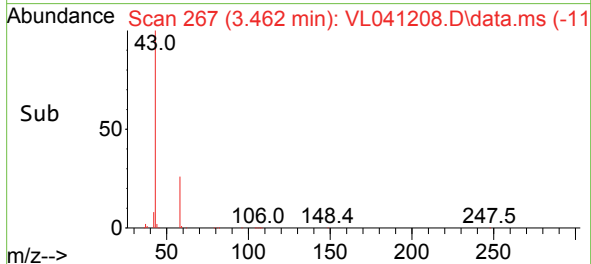
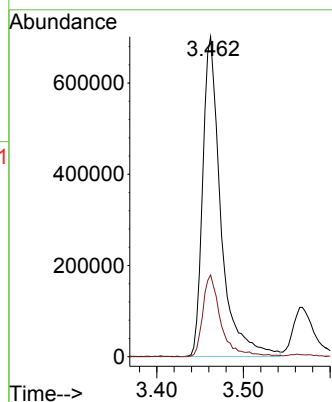
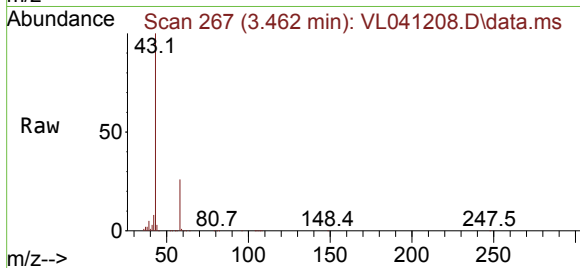




#15
Acetone
Concen: 9.133 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

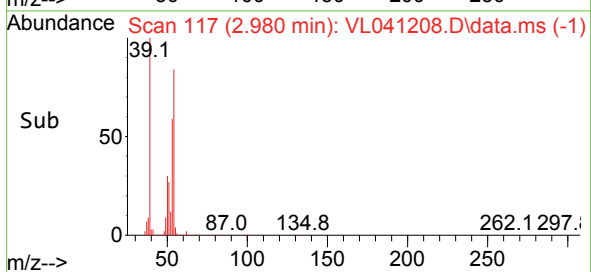
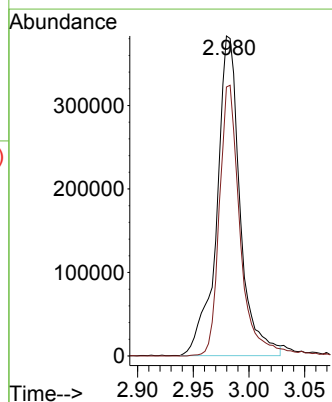
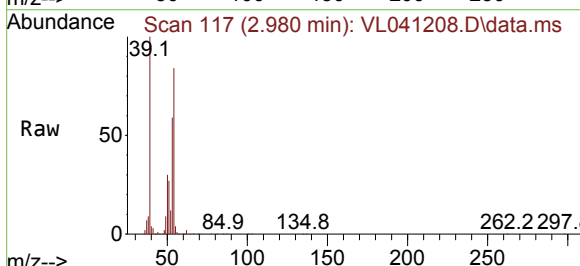
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

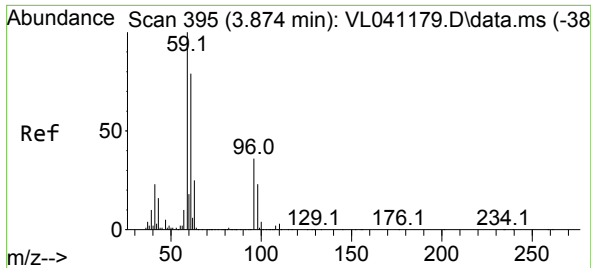
Tgt Ion: 43 Resp: 1022251
Ion Ratio Lower Upper
43 100
58 25.5 21.4 32.0



#16
1,3-Butadiene
Concen: 9.908 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 39 Resp: 559817
Ion Ratio Lower Upper
39 100
54 76.4 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.397 ppbv

RT: 3.870 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

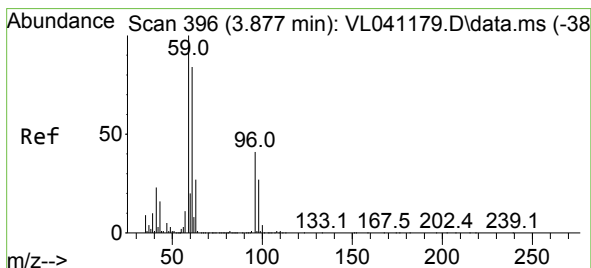
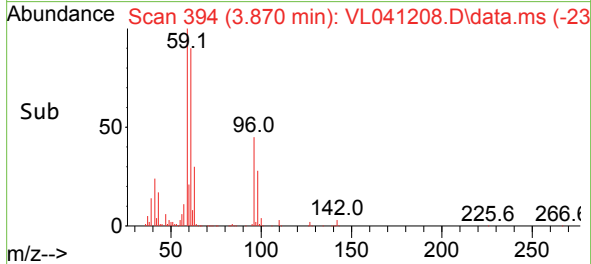
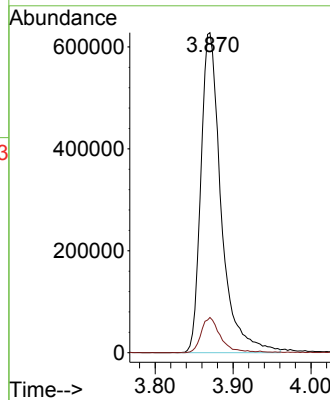
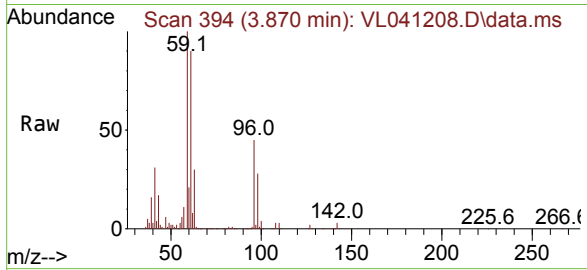
VSTDCCC010EC

Tgt Ion: 59 Resp: 1134521

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



#18

1,1-Dichloroethene

Concen: 10.171 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

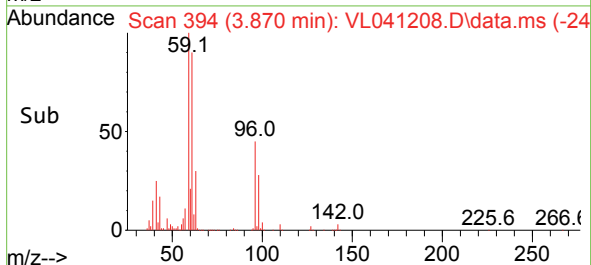
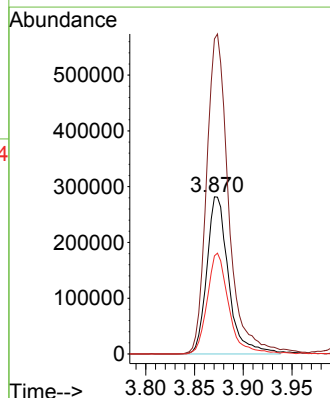
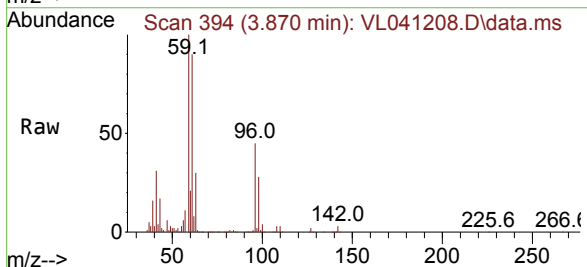
Tgt Ion: 96 Resp: 437243

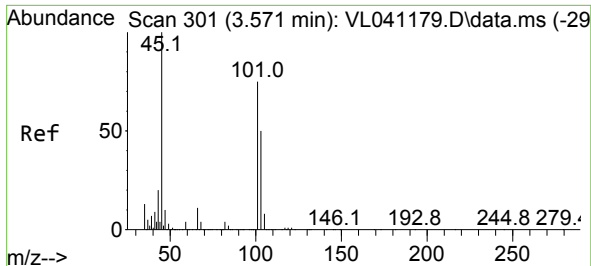
Ion Ratio Lower Upper

96 100

61 200.5 164.4 246.6

98 62.4 51.8 77.8

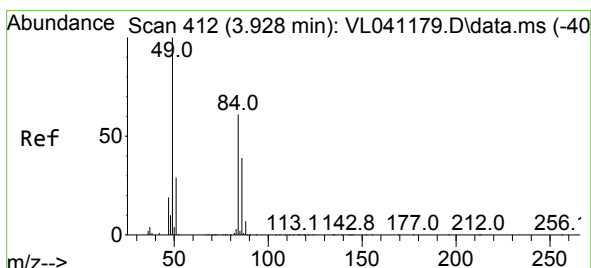
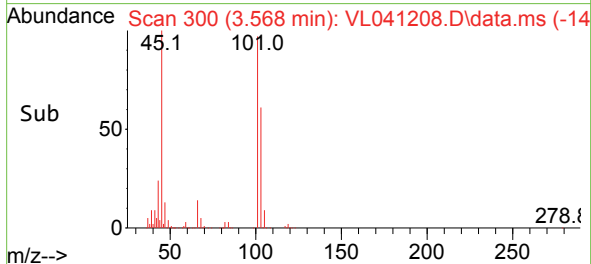
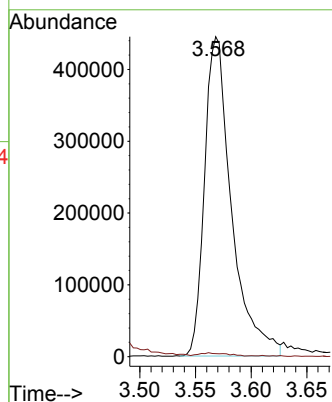
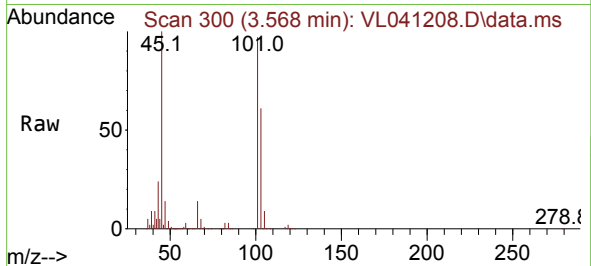




#19
Isopropyl Alcohol
Concen: 10.231 ppbv
RT: 3.568 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

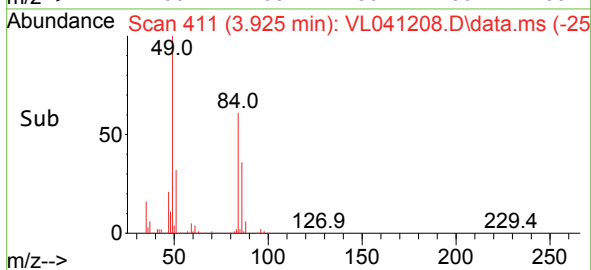
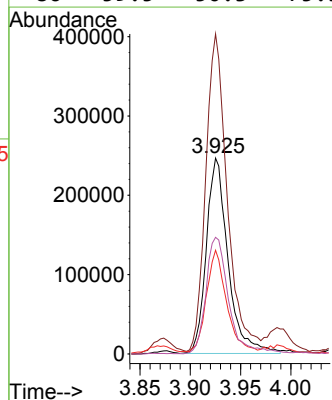
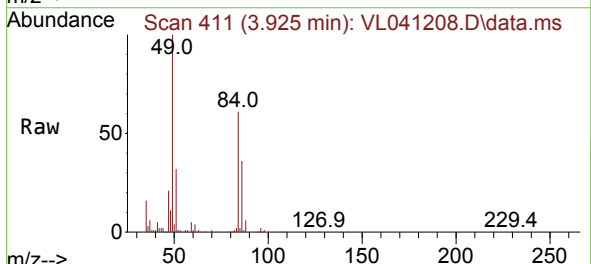
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

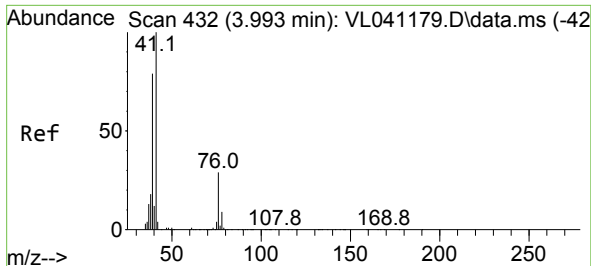
Tgt Ion: 45 Resp: 751434
Ion Ratio Lower Upper
45 100
58 1.3 26.8 40.2#



#20
Methylene Chloride
Concen: 9.505 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 84 Resp: 369950
Ion Ratio Lower Upper
84 100
49 161.4 130.4 195.6
51 51.8 38.0 57.0
86 59.5 50.3 75.5

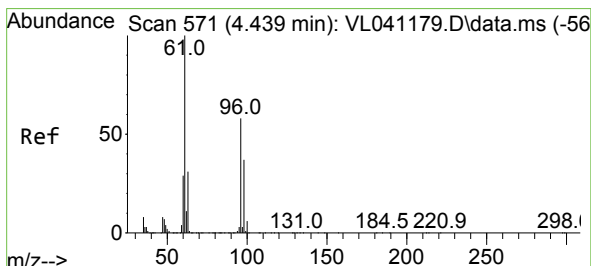
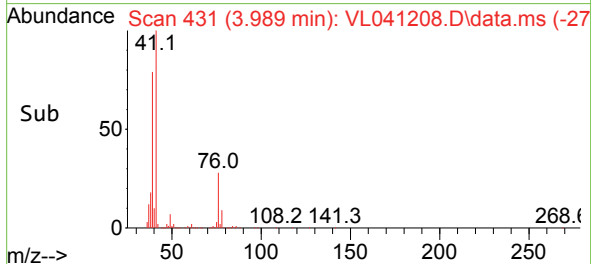
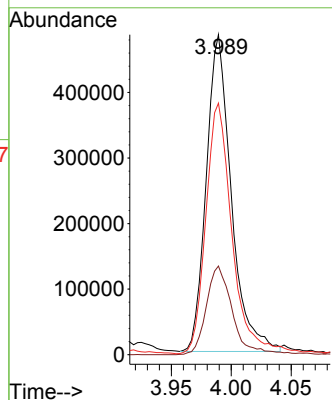
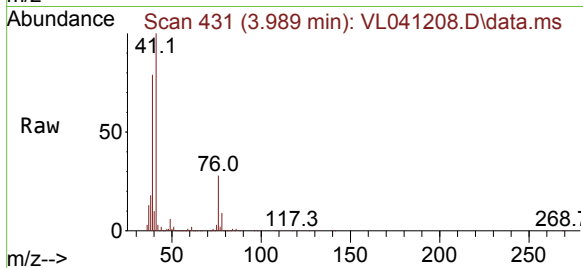




#21
 Allyl Chloride
 Concen: 9.617 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

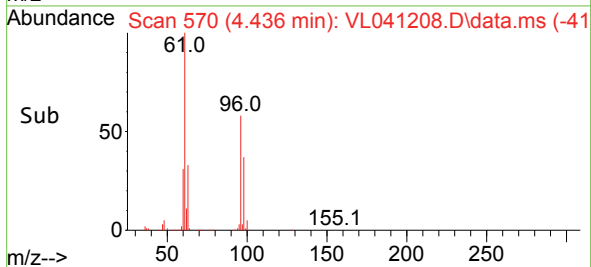
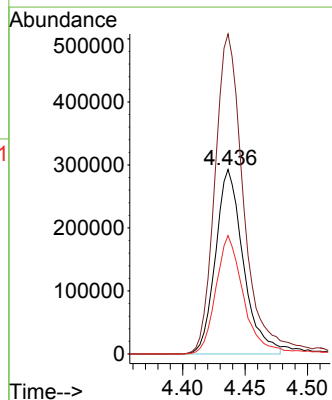
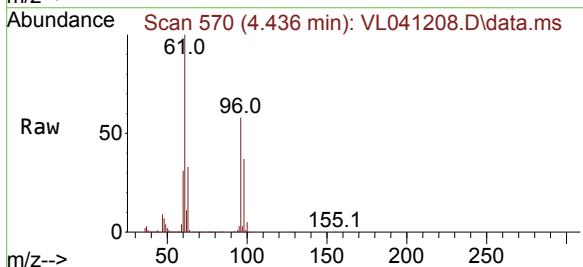
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

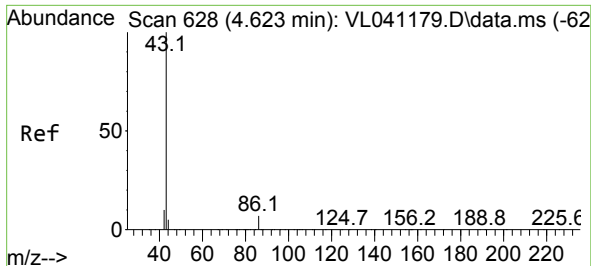
Tgt Ion: 41 Resp: 701879
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.7 35.5
 39 83.1 64.7 97.1



#22
 trans-1,2-Dichloroethene
 Concen: 10.155 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion: 96 Resp: 453968
 Ion Ratio Lower Upper
 96 100
 61 173.4 137.6 206.4
 98 64.2 50.6 76.0



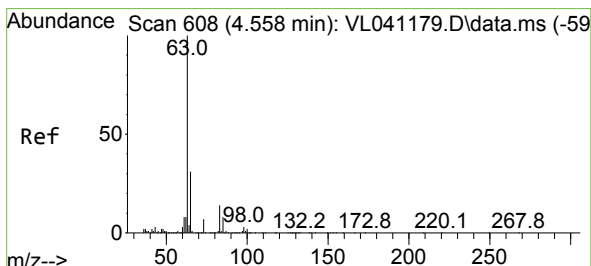
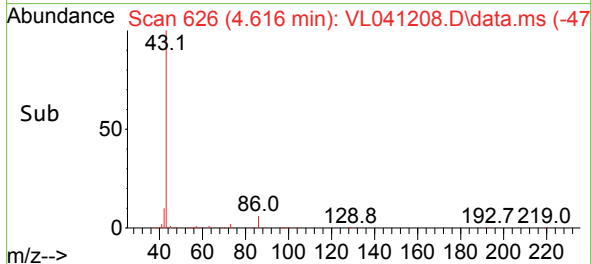
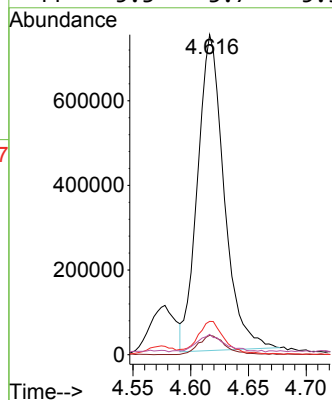
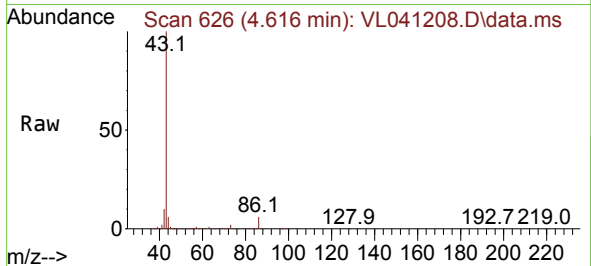


#23
 Vinyl Acetate
 Concen: 9.663 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1190878

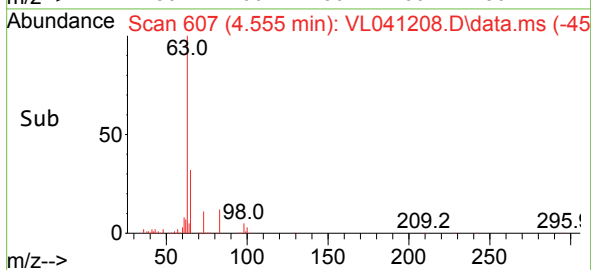
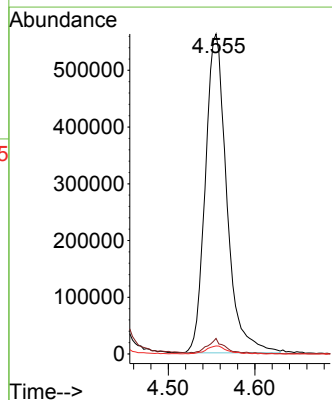
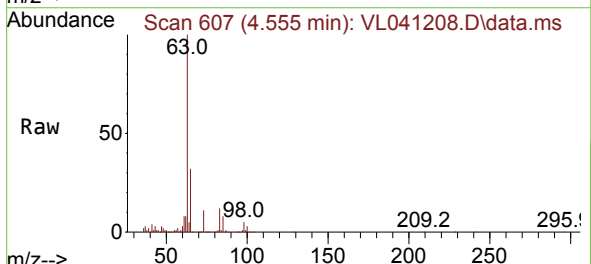
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.9	7.3
42	10.3	8.0	12.0
44	5.3	3.7	5.5

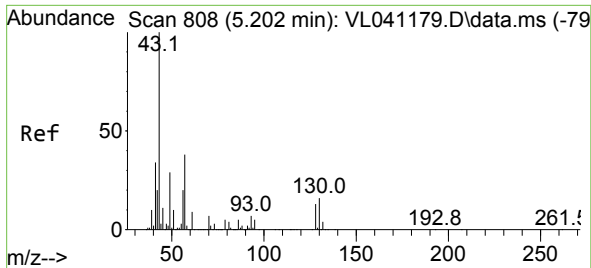


#24
 1,1-Dichloroethane
 Concen: 10.065 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion: 63 Resp: 964571

Ion	Ratio	Lower	Upper
63	100		
98	4.7	1.6	4.8
100	2.5	1.1	3.5



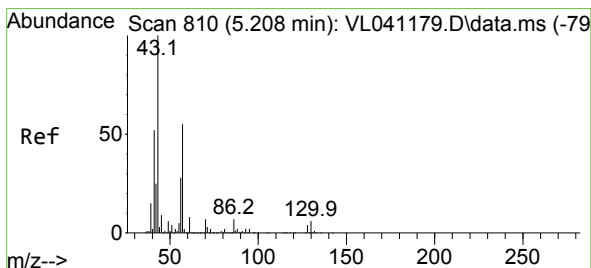
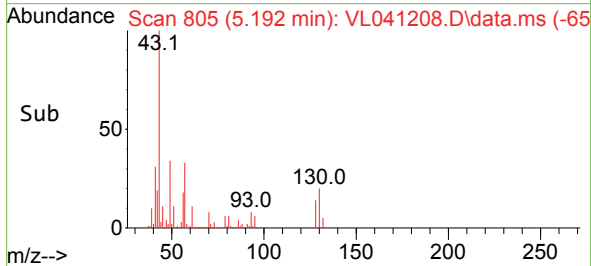
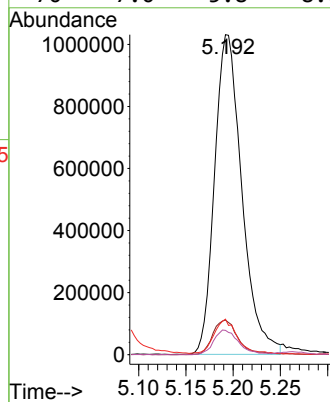
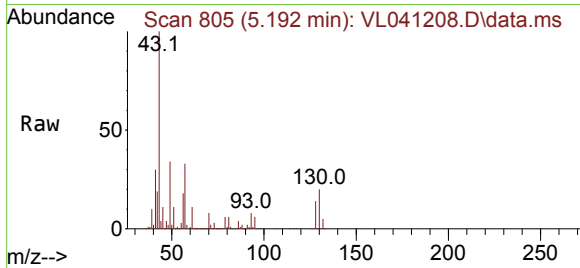


#25
Ethyl Acetate
Concen: 9.258 ppbv
RT: 5.192 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2068243

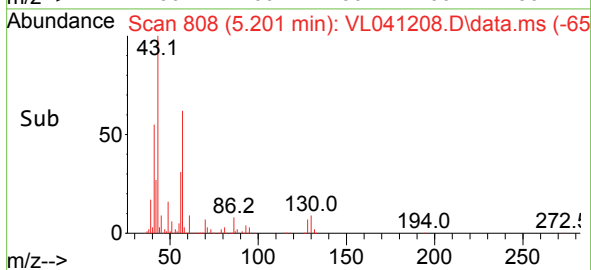
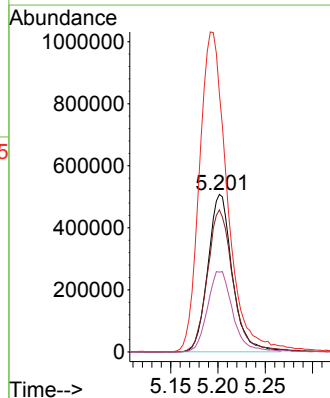
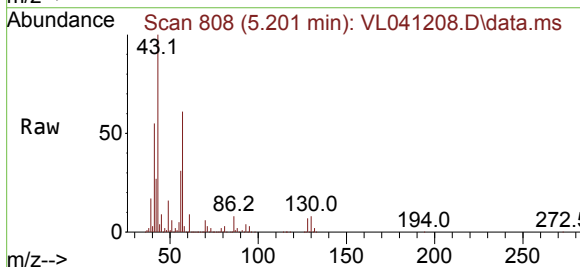
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.2	7.7	11.5
70	7.0	5.8	8.6

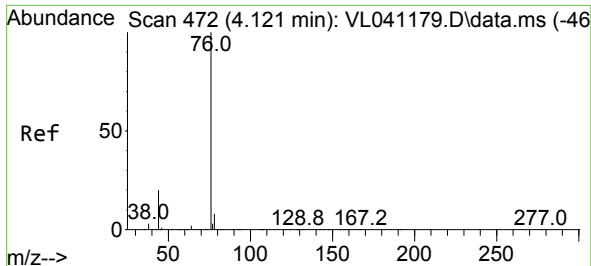


#26
Hexane
Concen: 9.133 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.006 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 57 Resp: 910536

Ion	Ratio	Lower	Upper
57	100		
41	95.8	75.8	113.8
43	232.7	187.0	280.4
56	53.8	42.7	64.1



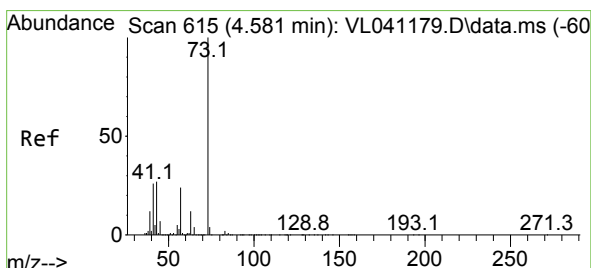
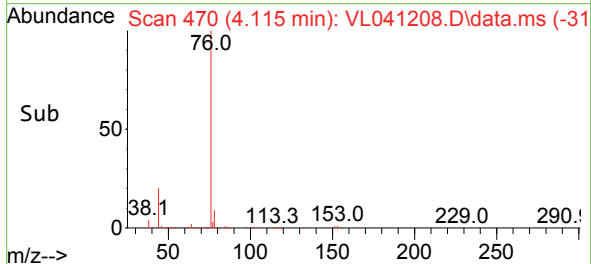
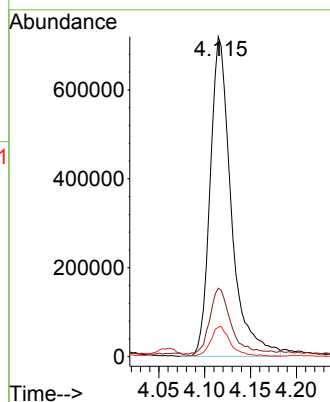
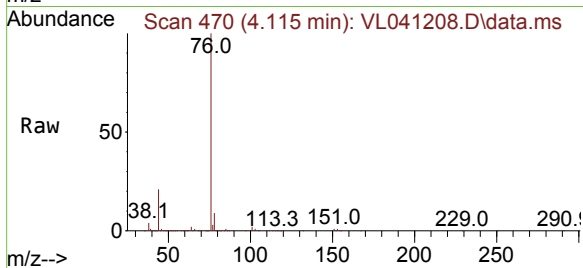


#27
Carbon Disulfide
Concen: 9.732 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1148470

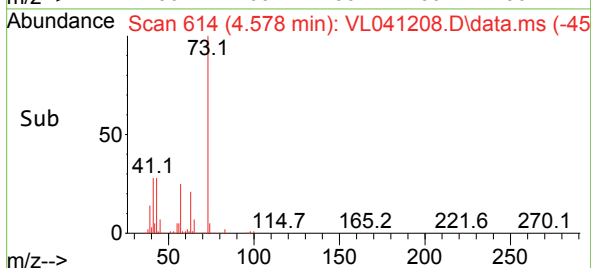
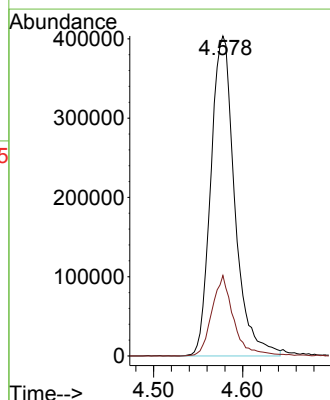
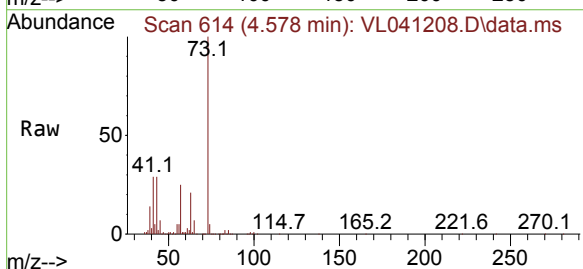
Ion	Ratio	Lower	Upper
76	100		
44	22.3	16.3	24.5
78	9.1	7.3	10.9

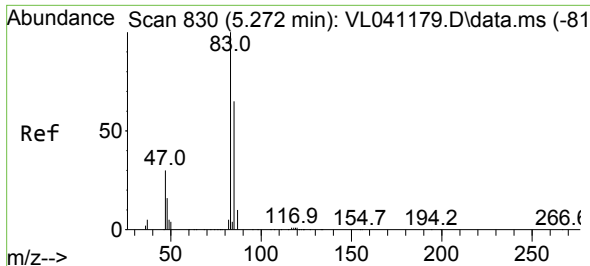


#28
Methyl tert-Butyl Ether
Concen: 9.467 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 73 Resp: 751488

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.8	28.2





#29

Chloroform

Concen: 9.903 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

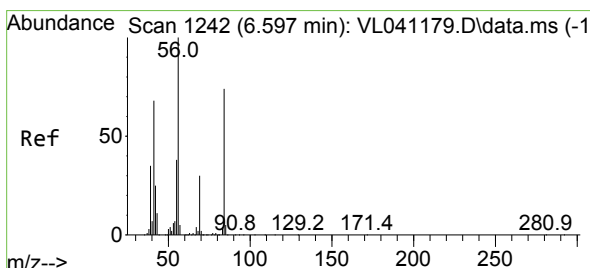
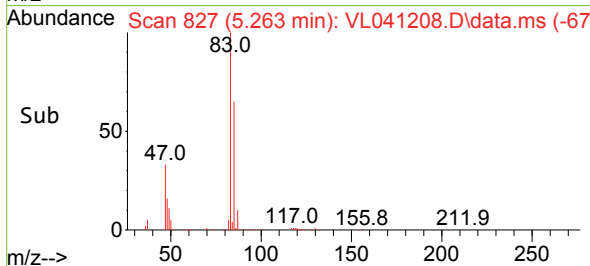
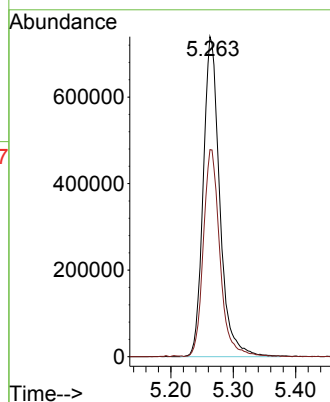
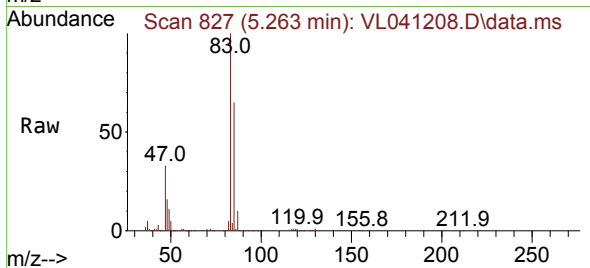
VSTDCCC010EC

Tgt Ion: 83 Resp: 1361973

Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5



#30

Cyclohexane

Concen: 9.741 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

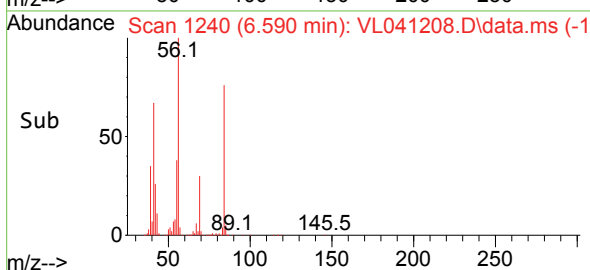
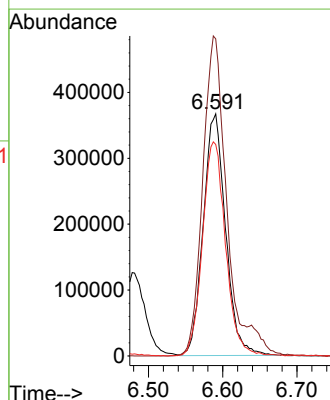
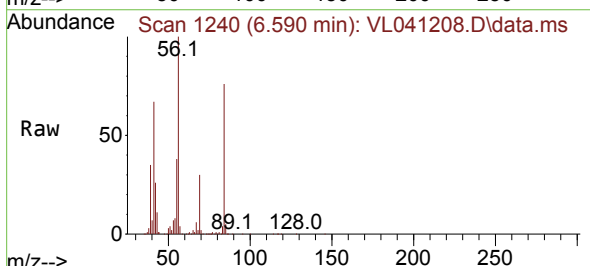
Tgt Ion: 84 Resp: 768707

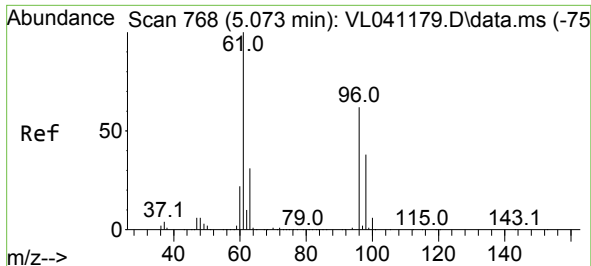
Ion Ratio Lower Upper

84 100

56 143.7 116.8 175.2

41 91.3 73.8 110.8

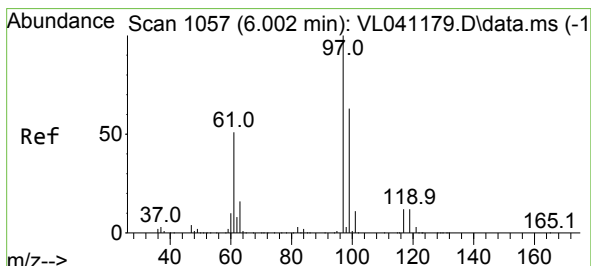
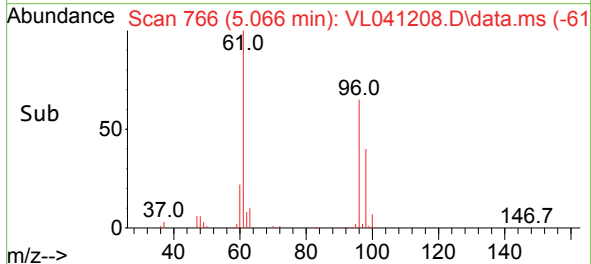
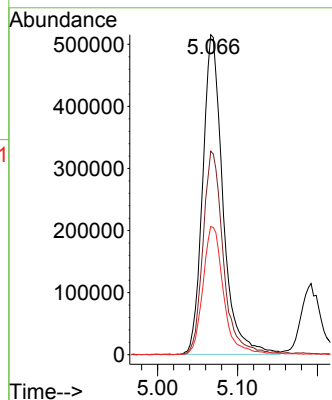
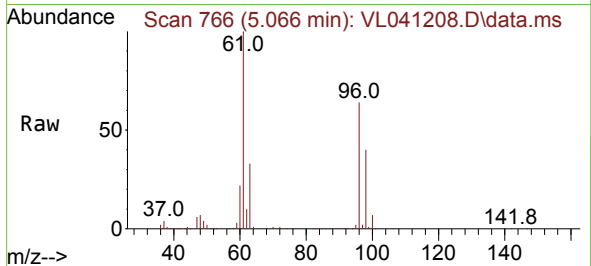




#31
 cis-1,2-Dichloroethene
 Concen: 9.742 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.006 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

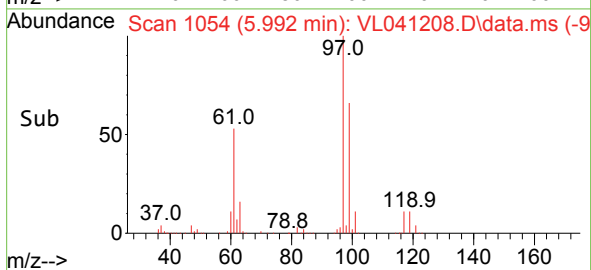
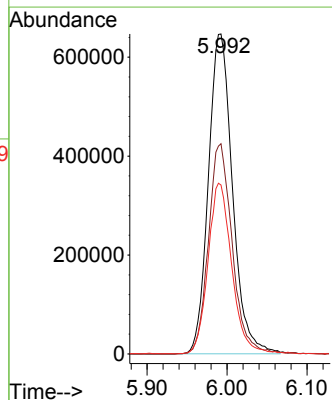
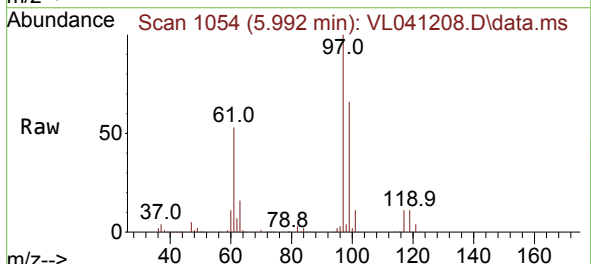
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

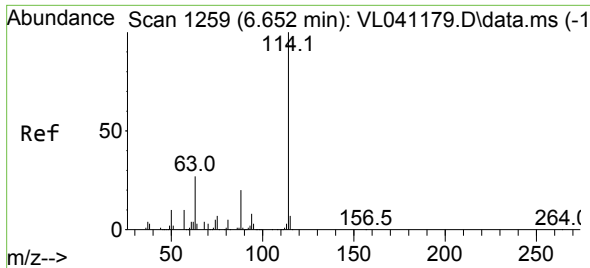
Tgt Ion: 61 Resp: 909239
 Ion Ratio Lower Upper
 61 100
 96 63.6 49.8 74.6
 98 40.0 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 9.885 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.010 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion: 97 Resp: 1356516
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.7 77.5
 61 52.8 41.1 61.7



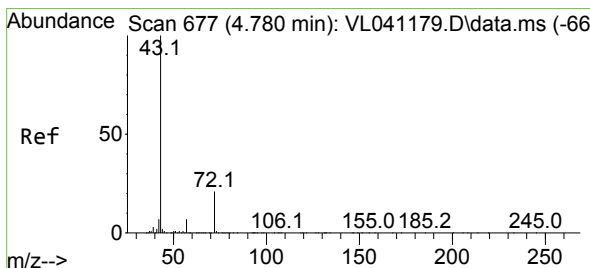
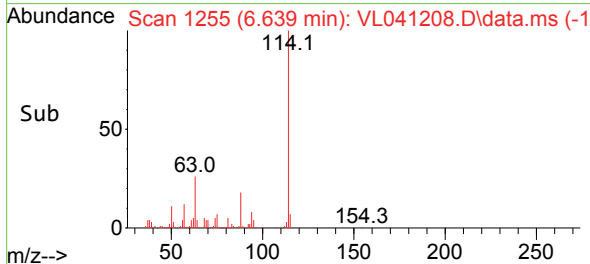
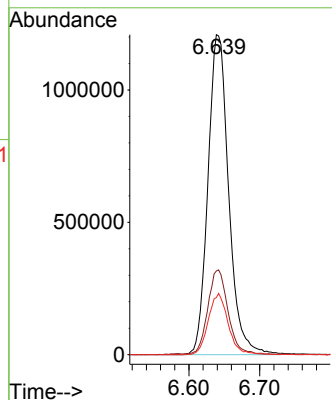
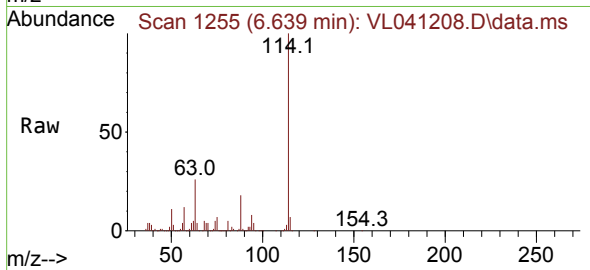


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2455244

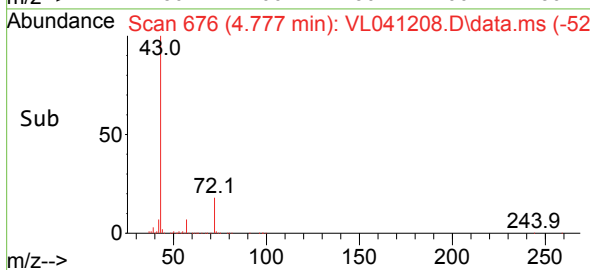
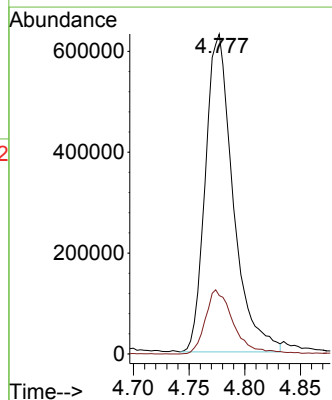
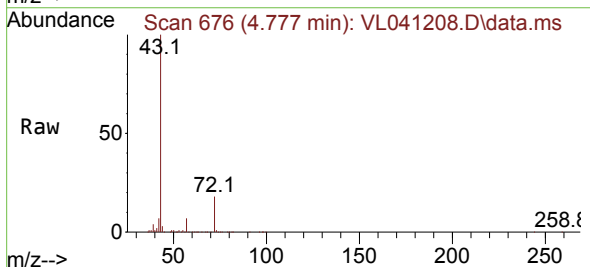
Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.8	32.6
88	18.4	15.2	22.8

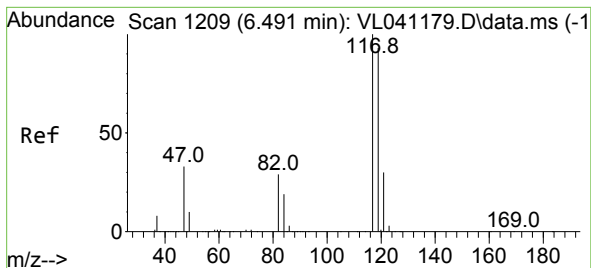


#34
2-Butanone
Concen: 8.742 ppbv
RT: 4.777 min Scan# 676
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 43 Resp: 1092508

Ion	Ratio	Lower	Upper
43	100		
72	21.0	17.3	25.9





#35

Carbon Tetrachloride

Concen: 9.802 ppbv

RT: 6.481 min Scan# 117

Delta R.T. -0.010 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

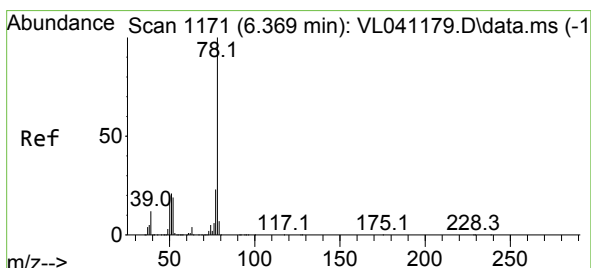
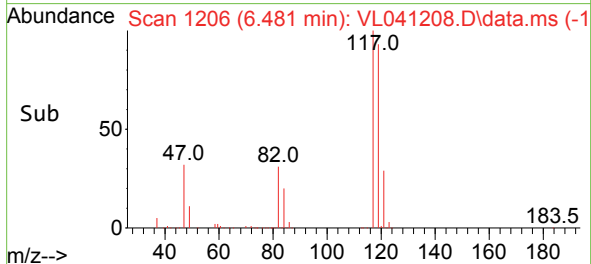
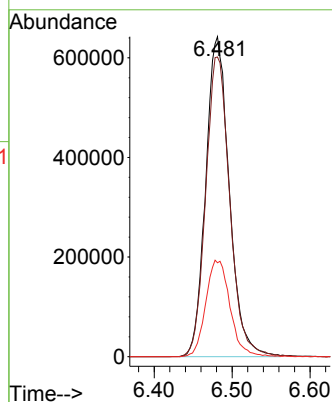
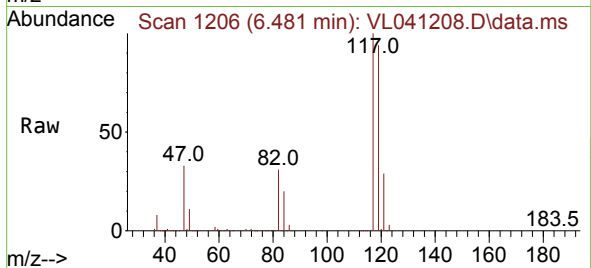
Tgt Ion:117 Resp: 1350654

Ion Ratio Lower Upper

117 100

119 93.6 74.3 111.5

121 29.3 23.8 35.8



#36

Benzene

Concen: 9.320 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. -0.010 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

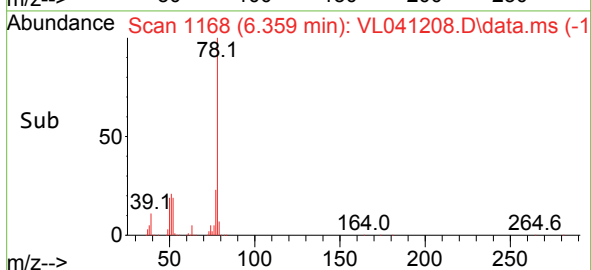
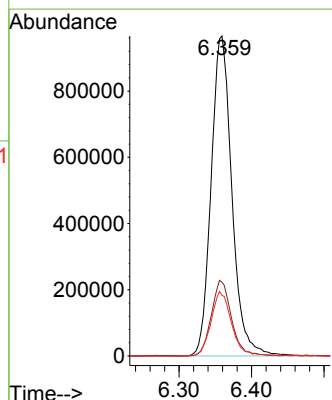
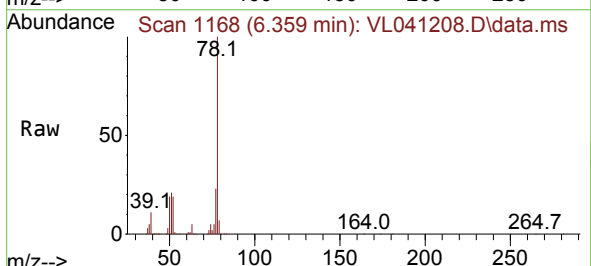
Tgt Ion: 78 Resp: 1920216

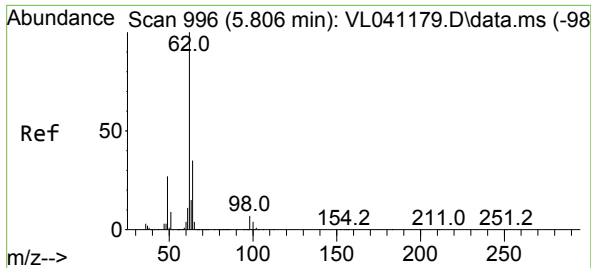
Ion Ratio Lower Upper

78 100

77 23.1 18.3 27.5

50 18.9 15.9 23.9

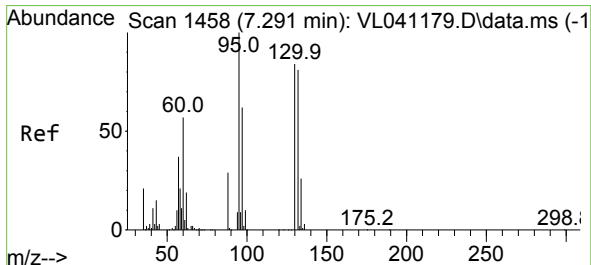
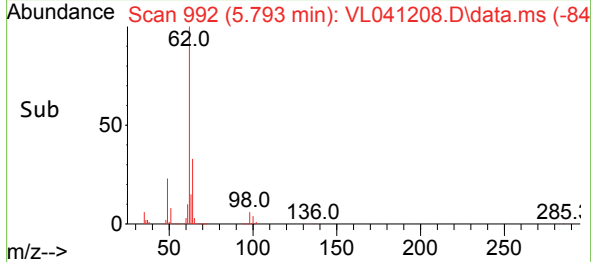
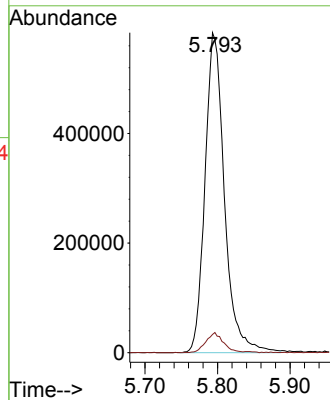
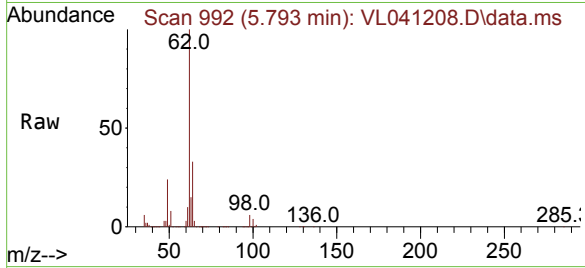




#37
1,2-Dichloroethane
Concen: 10.112 ppbv
RT: 5.793 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

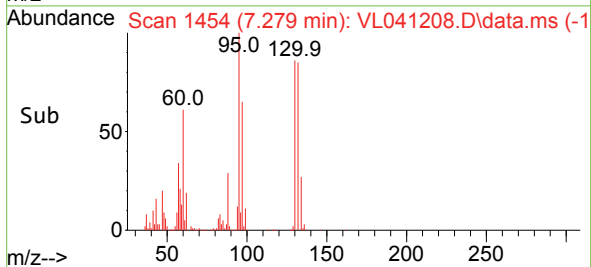
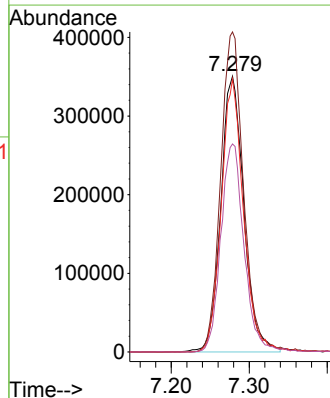
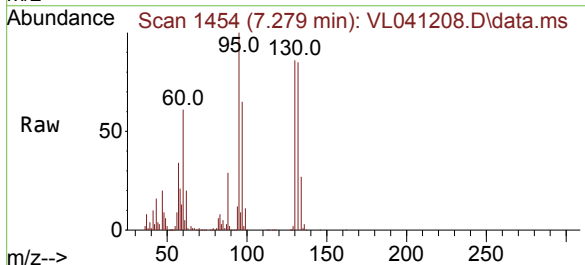
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

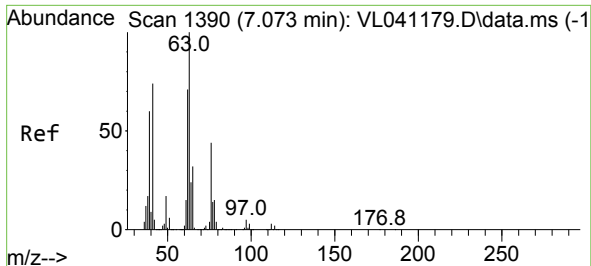
Tgt Ion: 62 Resp: 1087077
Ion Ratio Lower Upper
62 100
98 6.0 5.0 7.4



#38
Trichloroethene
Concen: 9.370 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:130 Resp: 719425
Ion Ratio Lower Upper
130 100
95 116.0 95.0 142.6
132 99.0 77.0 115.4
97 75.4 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.471 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

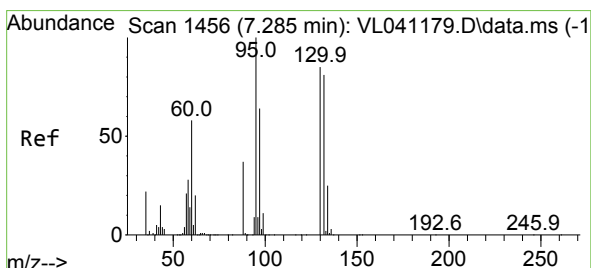
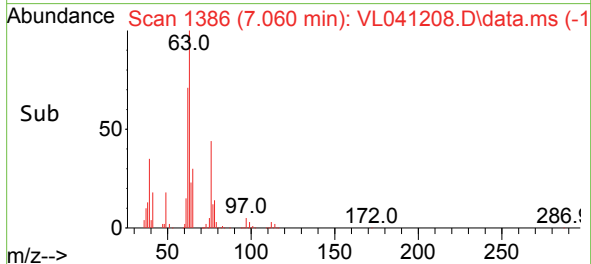
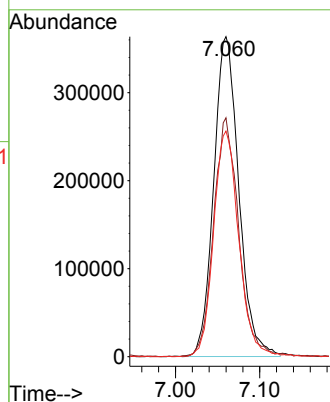
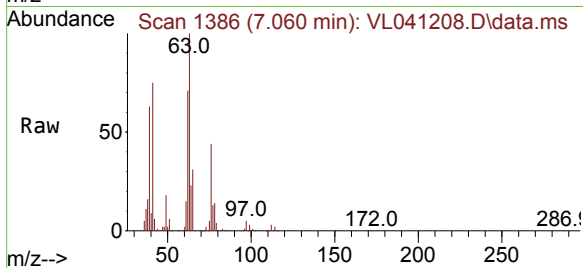
Tgt Ion: 63 Resp: 752047

Ion Ratio Lower Upper

63 100

41 74.6 59.4 89.0

62 70.5 56.8 85.2



#40

1,4-Dioxane

Concen: 10.461 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Tgt Ion: 88 Resp: 296750

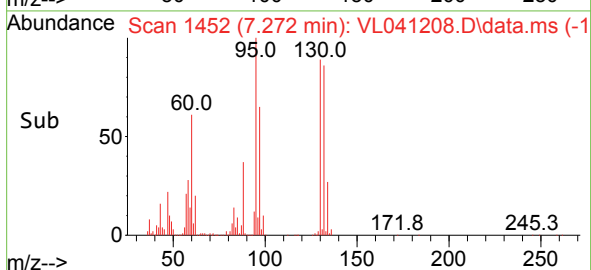
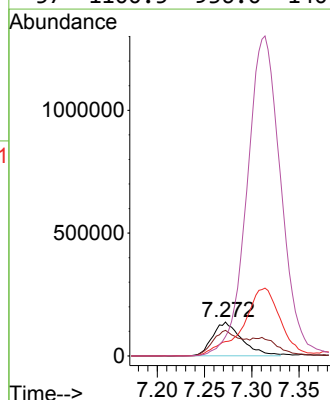
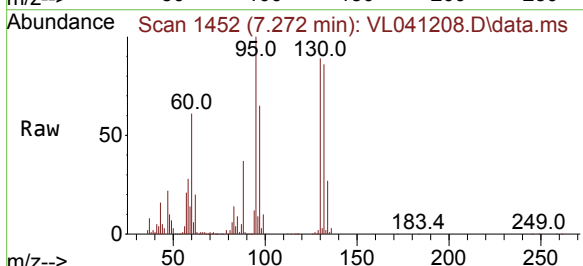
Ion Ratio Lower Upper

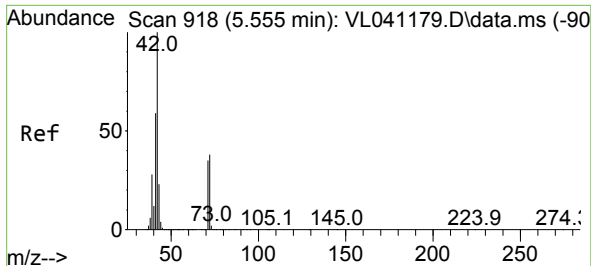
88 100

58 124.7 106.1 159.1

43 257.5 219.8 329.6

57 1100.5 936.0 1404.0

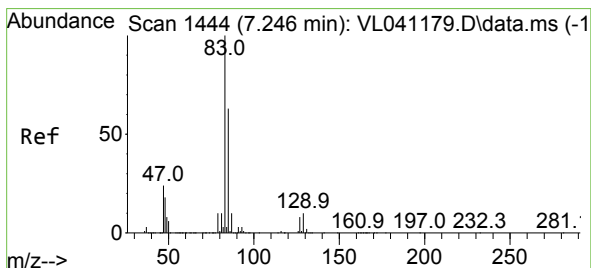
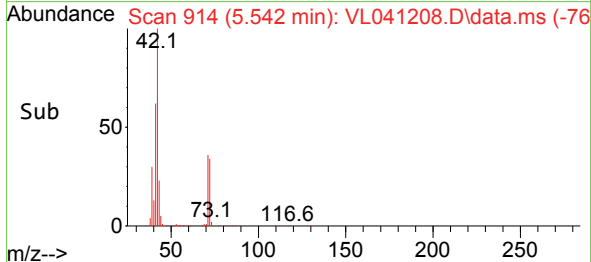
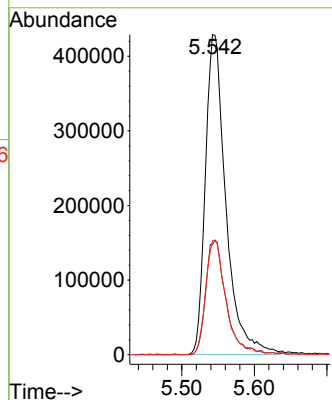
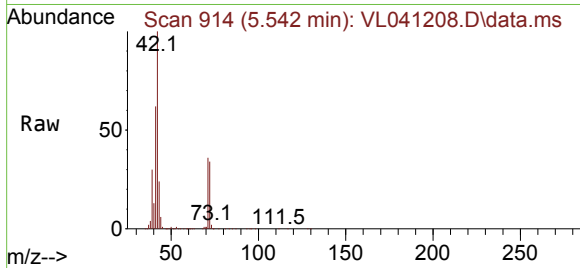




#41
Tetrahydrofuran
Concen: 9.308 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

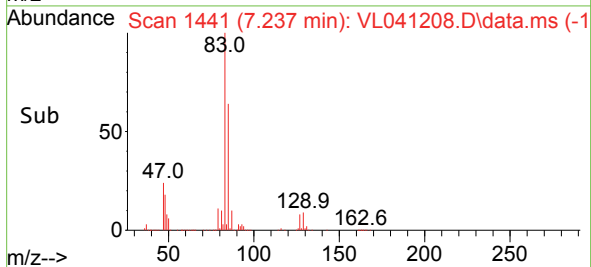
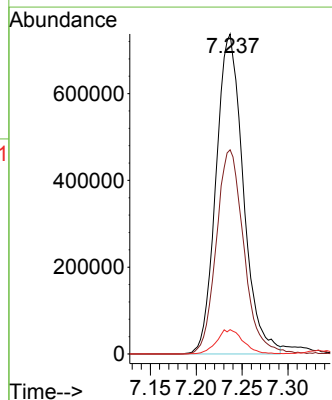
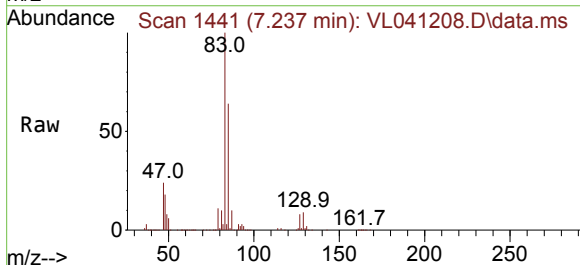
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

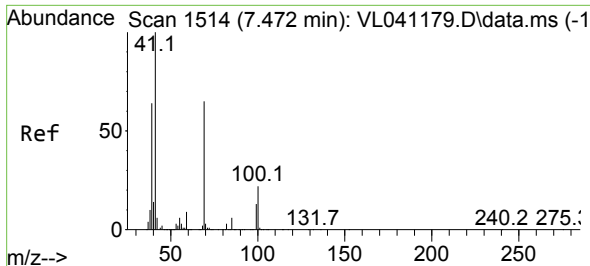
Tgt Ion: 42 Resp: 842083
Ion Ratio Lower Upper
42 100
72 35.8 29.4 44.0
71 36.0 29.1 43.7



#42
Bromodichloromethane
Concen: 9.864 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 83 Resp: 1520766
Ion Ratio Lower Upper
83 100
85 63.8 50.6 75.8
127 7.6 6.2 9.4

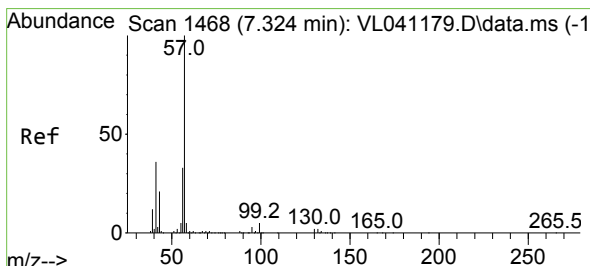
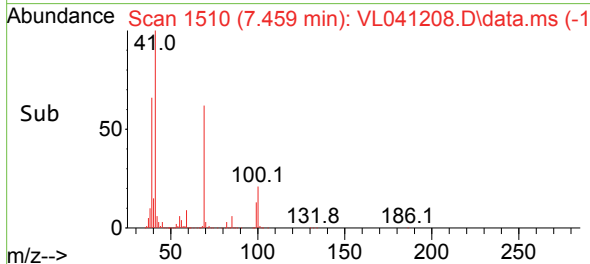
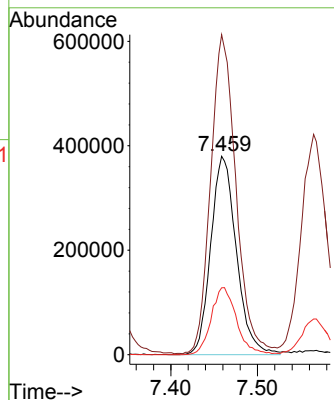
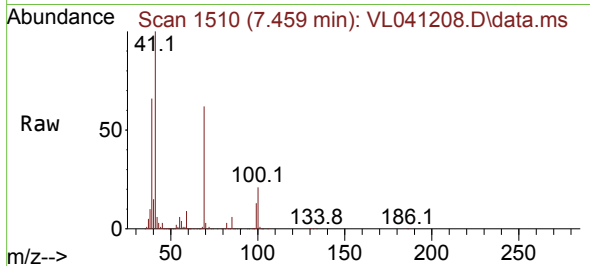




#43
Methyl Methacrylate
Concen: 9.359 ppbv
RT: 7.459 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

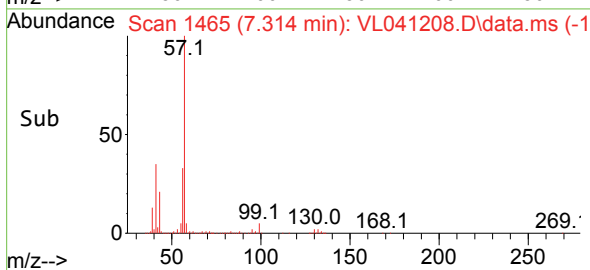
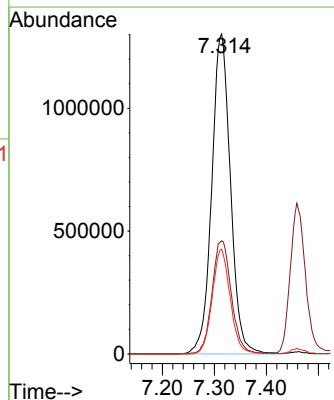
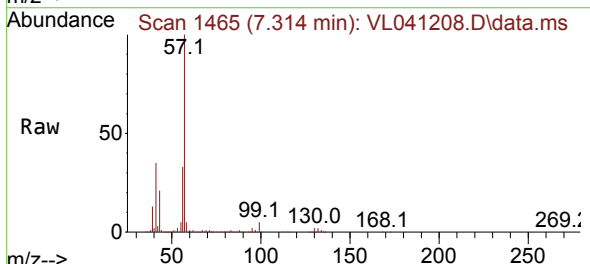
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

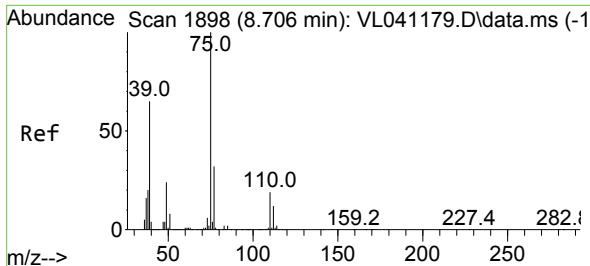
Tgt Ion: 69 Resp: 779908
Ion Ratio Lower Upper
69 100
41 159.1 125.2 187.8
100 33.4 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 9.192 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 57 Resp: 3265486
Ion Ratio Lower Upper
57 100
41 36.5 29.5 44.3
56 31.5 25.3 37.9

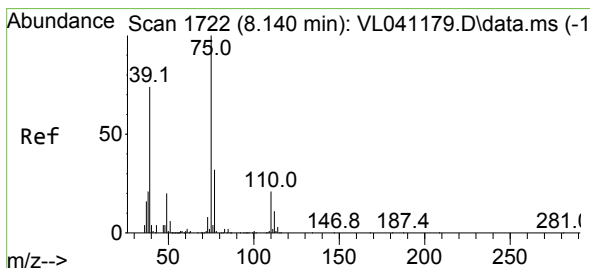
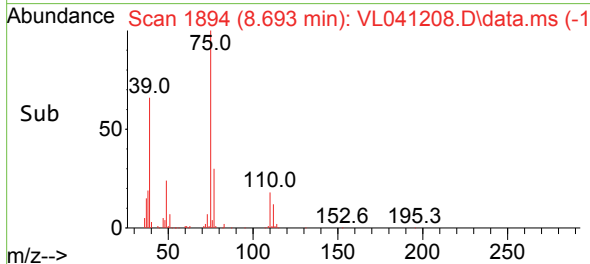
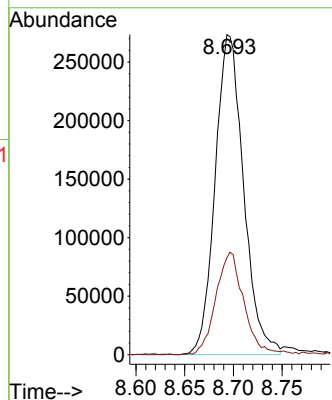
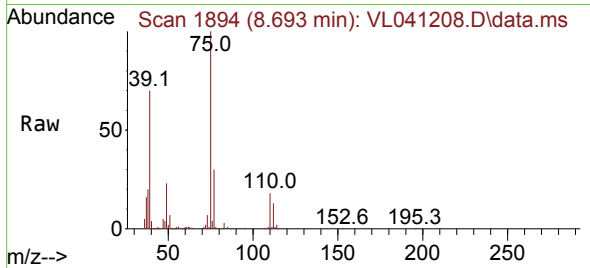




#45
 t-1,3-Dichloropropene
 Concen: 9.191 ppbv
 RT: 8.693 min Scan# 1718
 Delta R.T. -0.013 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

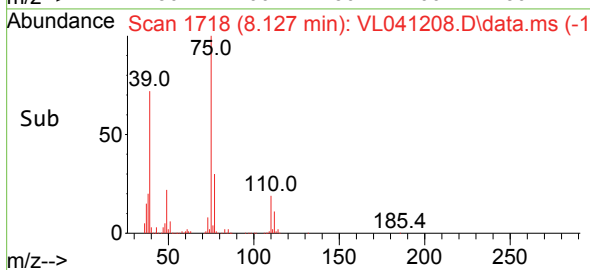
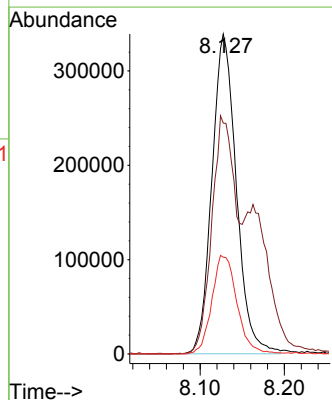
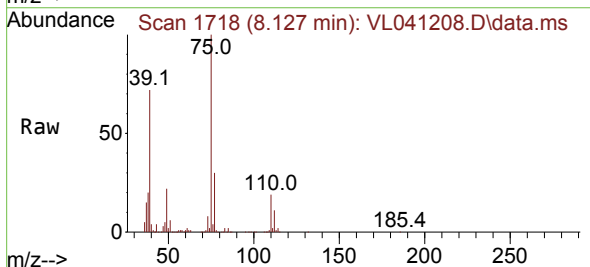
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

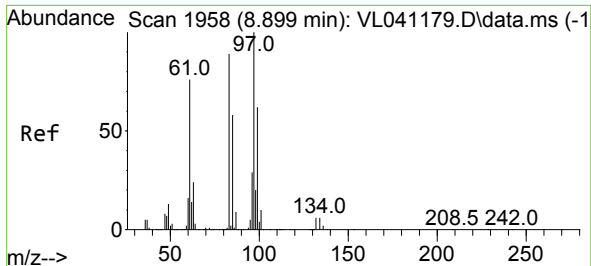
Tgt Ion: 75 Resp: 555033
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 9.226 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. -0.013 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion: 75 Resp: 682118
 Ion Ratio Lower Upper
 75 100
 39 71.9 59.4 89.2
 77 30.3 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 9.650 ppbv

RT: 8.883 min Scan# 1953

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 766947

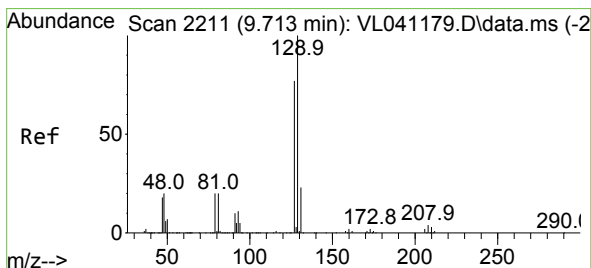
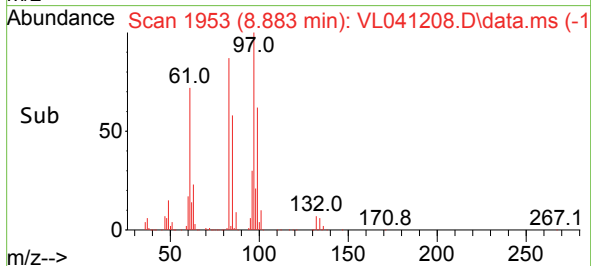
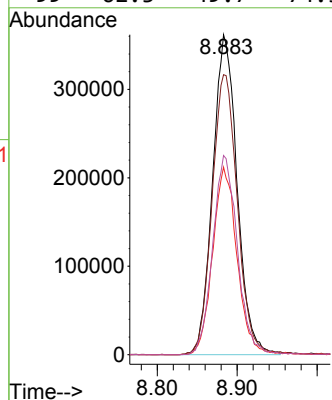
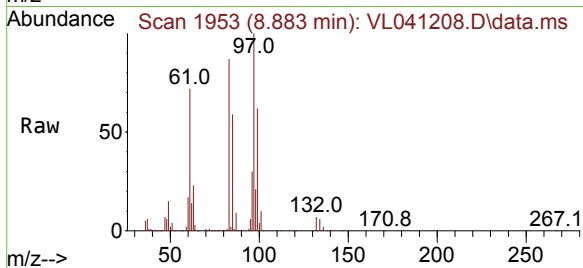
Ion Ratio Lower Upper

97 100

83 87.5 71.2 106.8

85 58.5 46.0 69.0

99 62.3 49.7 74.5



#48

Dibromochloromethane

Concen: 10.002 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.019 min

Lab File: VL041208.D

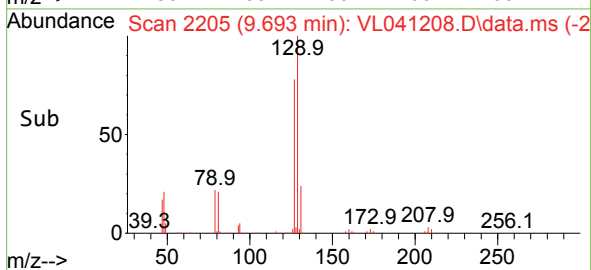
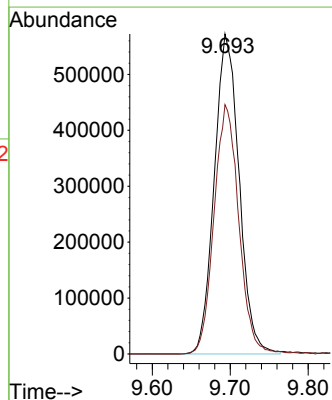
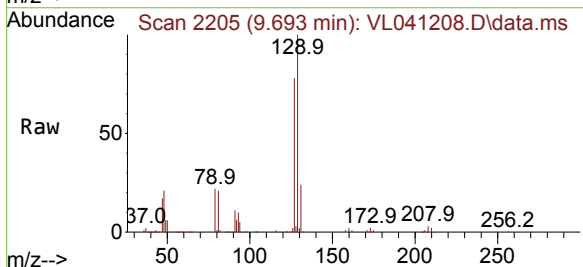
Acq: 3 May 2024 8:17

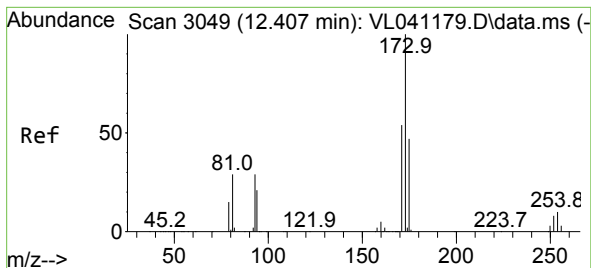
Tgt Ion: 129 Resp: 1266604

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.5





#49

Bromoform

Concen: 9.970 ppbv

RT: 12.394 min Scan# 3049

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

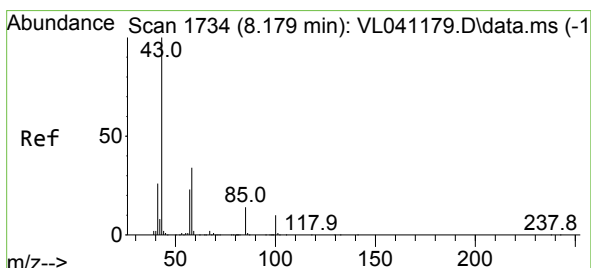
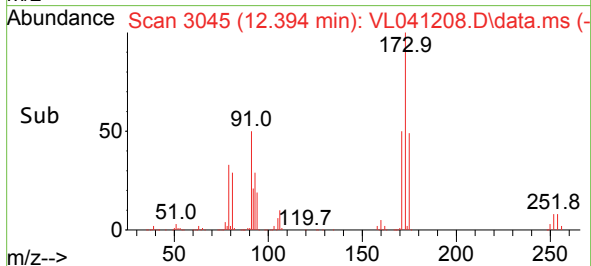
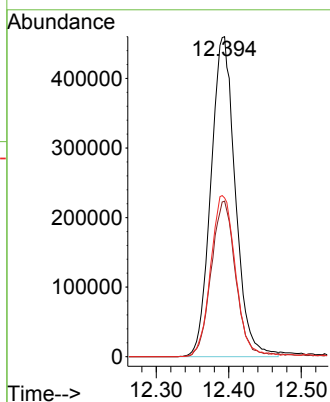
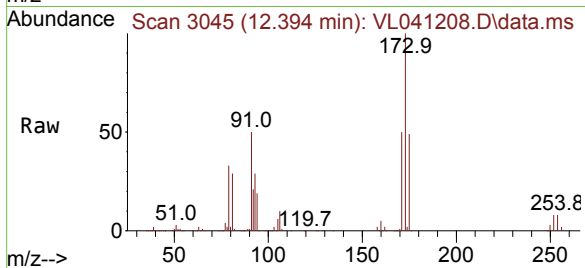
Tgt Ion:173 Resp: 1074097

Ion Ratio Lower Upper

173 100

175 49.6 39.8 59.8

171 51.9 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 8.987 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. -0.013 min

Lab File: VL041208.D

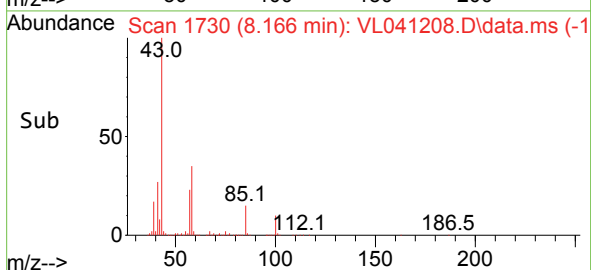
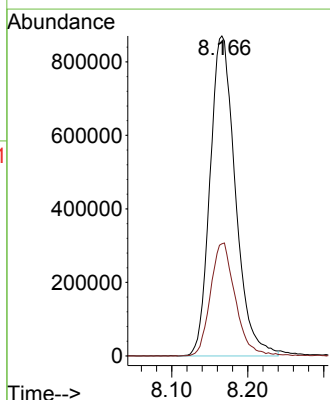
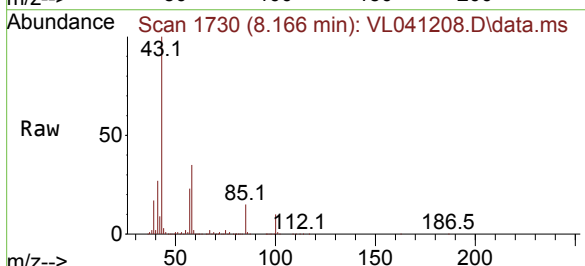
Acq: 3 May 2024 8:17

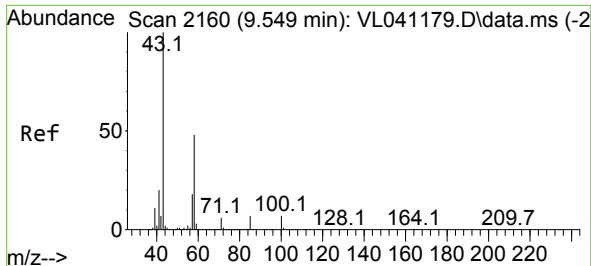
Tgt Ion: 43 Resp: 2015475

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5

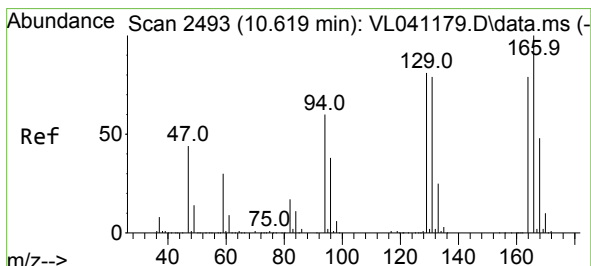
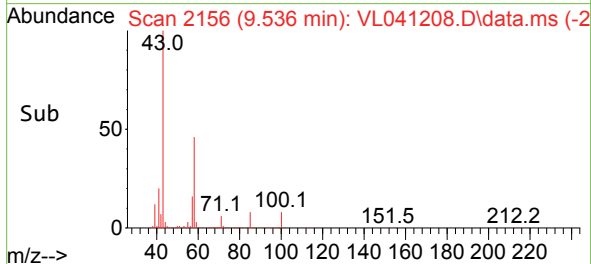
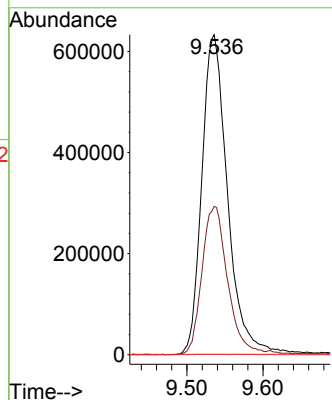
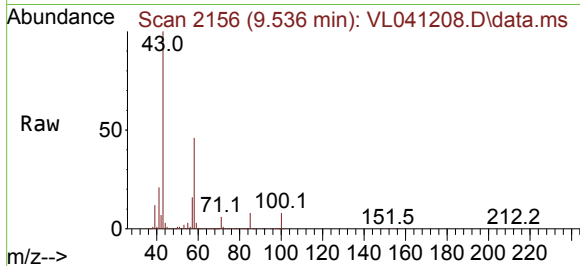




#51
2-Hexanone
Concen: 8.856 ppbv
RT: 9.536 min Scan# 2160
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

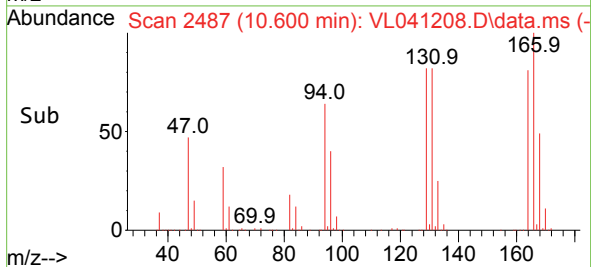
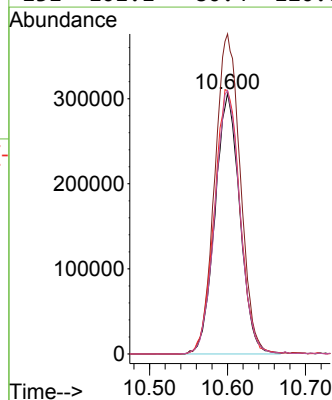
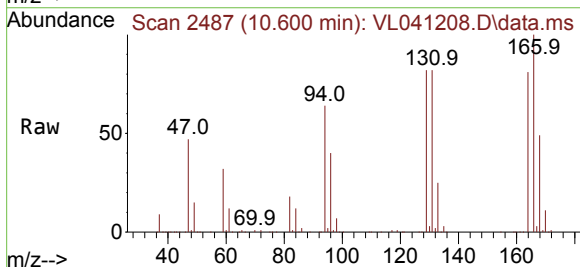
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

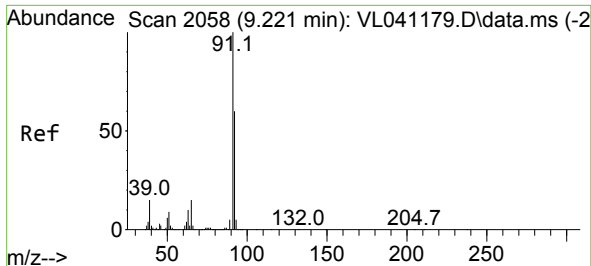
Tgt Ion: 43 Resp: 1473265
Ion Ratio Lower Upper
43 100
58 47.6 38.4 57.6
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.310 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.019 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:164 Resp: 674178
Ion Ratio Lower Upper
164 100
166 122.8 101.1 151.7
129 101.1 81.7 122.5
131 101.1 80.4 120.6

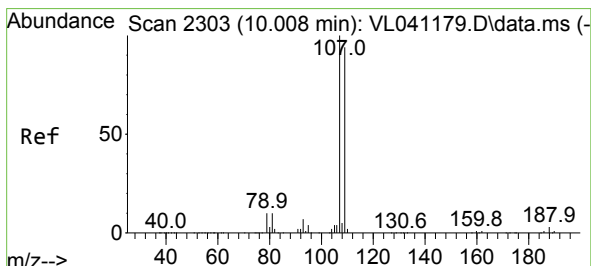
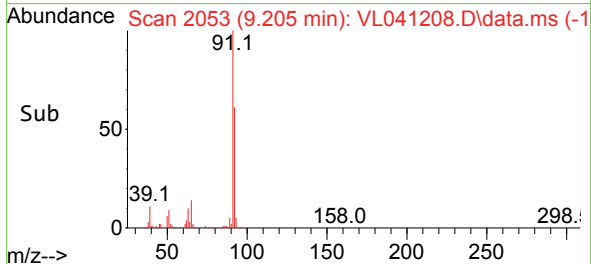
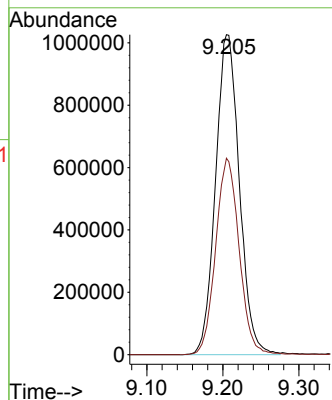
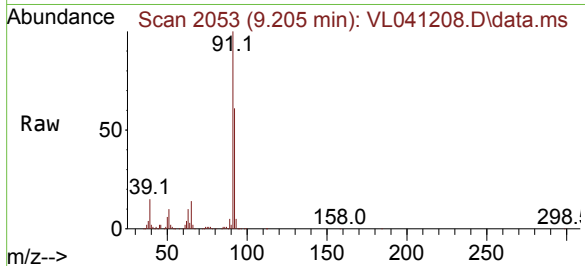




#53
Toluene
Concen: 9.353 ppbv
RT: 9.205 min Scan# 2058
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

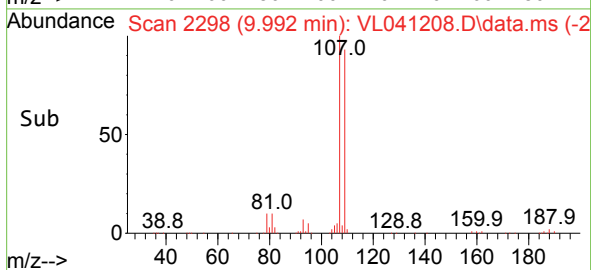
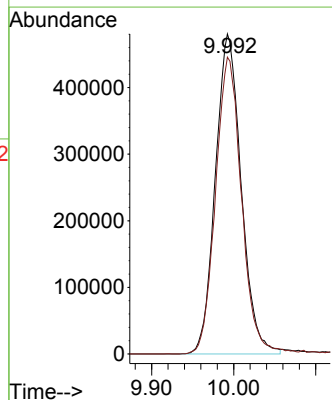
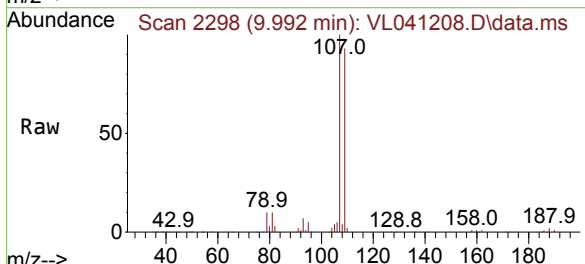
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

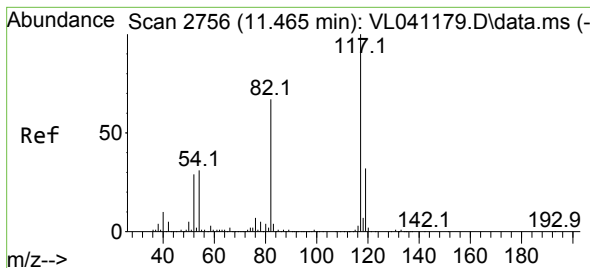
Tgt Ion: 91 Resp: 2234568
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.4



#54
1,2-Dibromoethane
Concen: 9.774 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 107 Resp: 1052204
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8

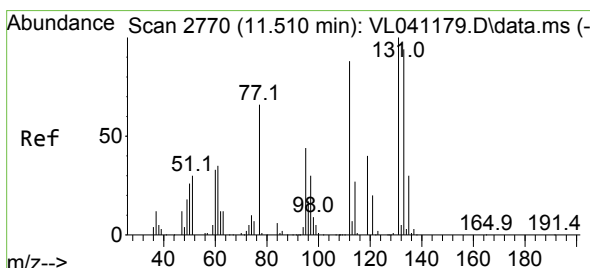
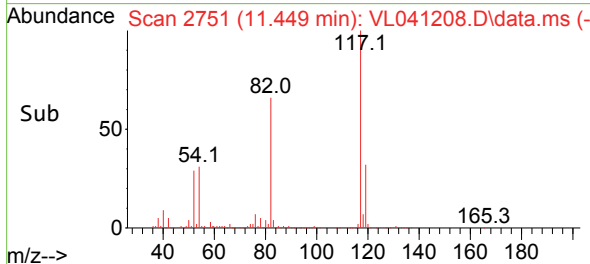
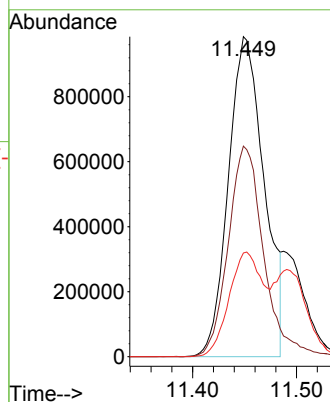
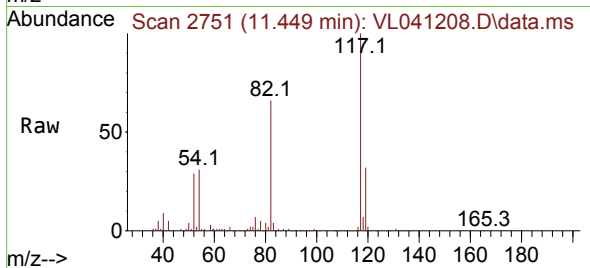




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

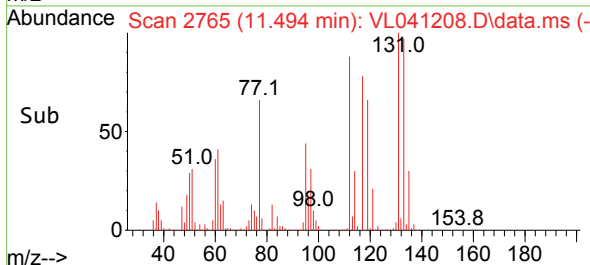
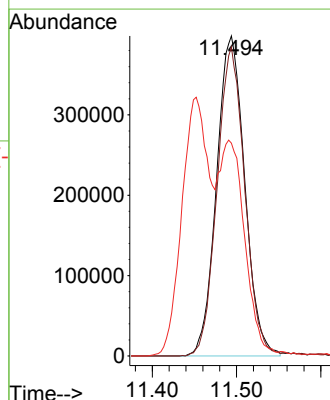
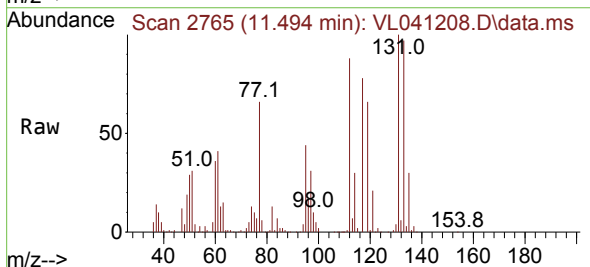
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

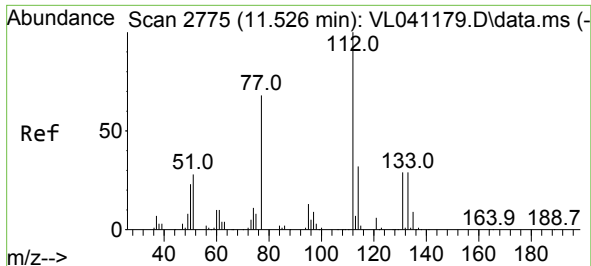
Tgt Ion:117 Resp: 2355467
Ion Ratio Lower Upper
117 100
82 66.0 53.6 80.4
119 31.7 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.659 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:131 Resp: 922511
Ion Ratio Lower Upper
131 100
133 95.7 76.3 114.5
119 56.9 49.4 74.2

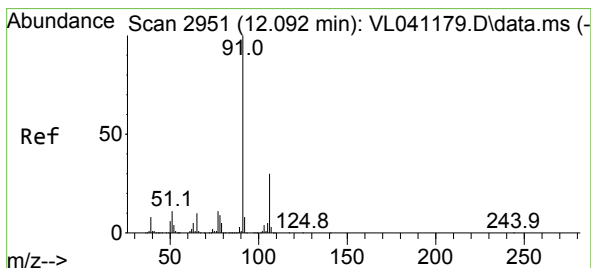
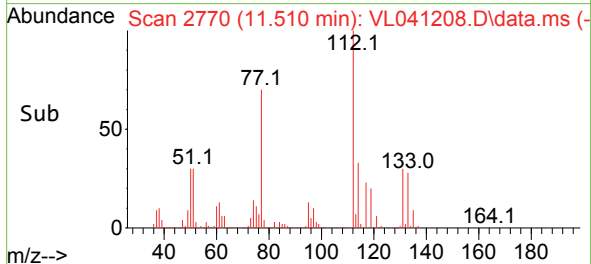
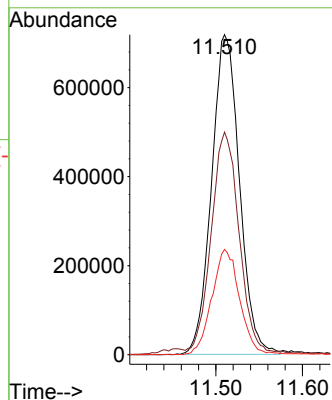
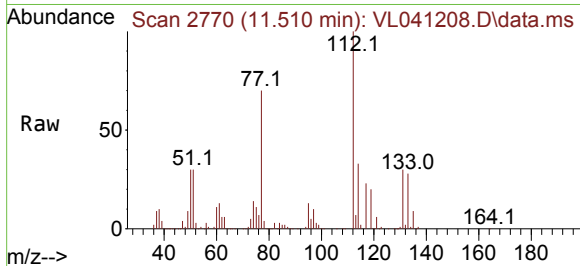




#57
Chlorobenzene
Concen: 9.314 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

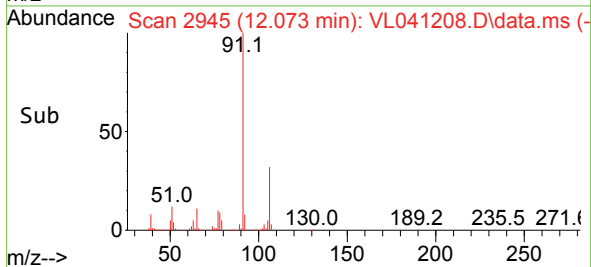
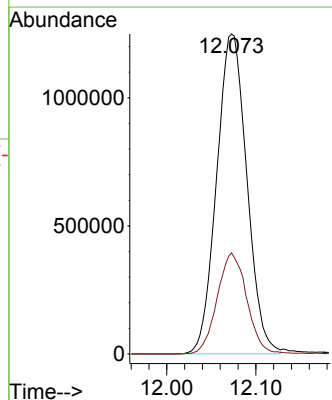
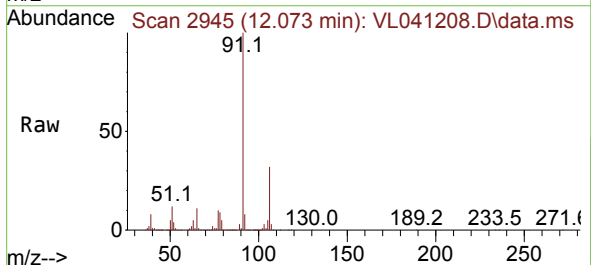
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

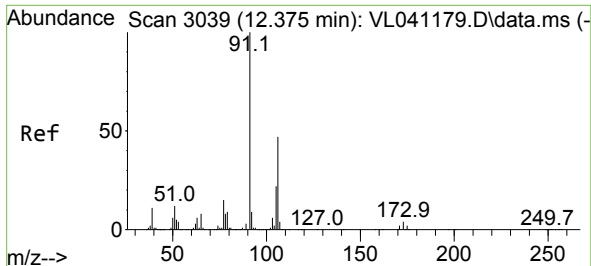
Tgt Ion:112 Resp: 1606749
Ion Ratio Lower Upper
112 100
77 68.8 54.9 82.3
114 32.8 28.7 35.1



#58
Ethyl Benzene
Concen: 9.095 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.019 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 91 Resp: 2937352
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5





#59

m/p-Xylene

Concen: 9.429 ppbv

RT: 12.356 min Scan# 3033

Delta R.T. -0.019 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

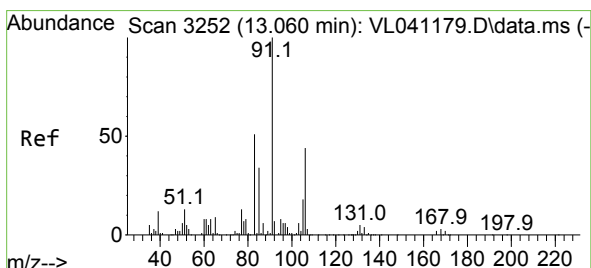
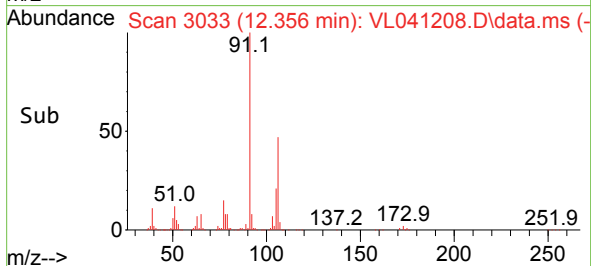
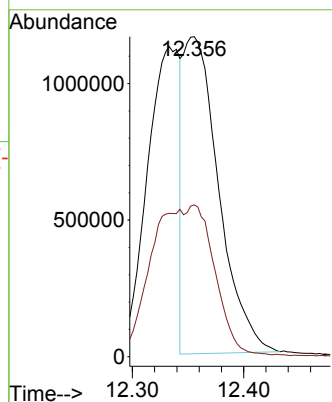
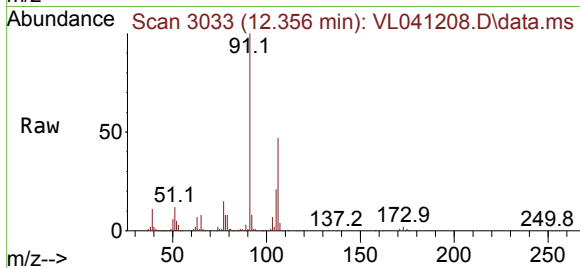
VSTDCCC010EC

Tgt Ion: 91 Resp: 2559681

Ion Ratio Lower Upper

91 100

106 85.9 35.7 53.5#



#60

o-Xylene

Concen: 9.222 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.016 min

Lab File: VL041208.D

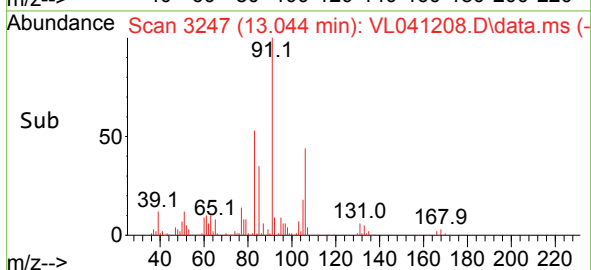
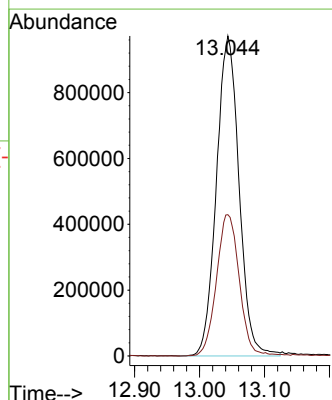
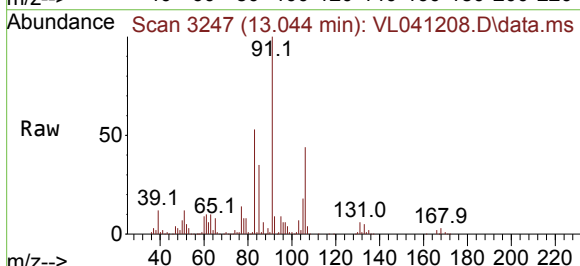
Acq: 3 May 2024 8:17

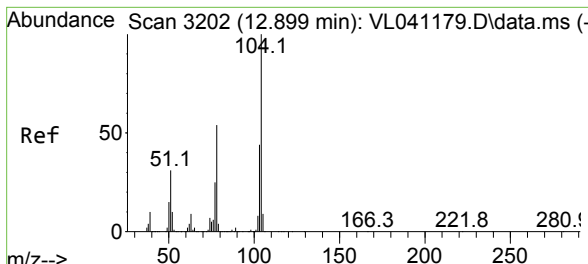
Tgt Ion: 91 Resp: 2346542

Ion Ratio Lower Upper

91 100

106 44.6 22.4 67.3



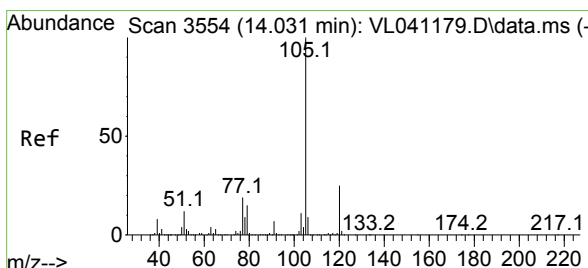
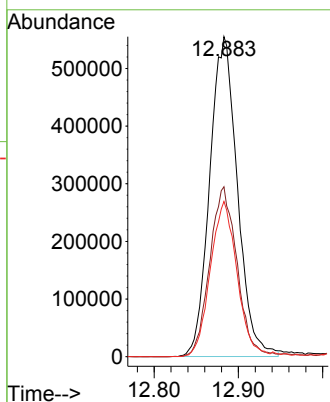
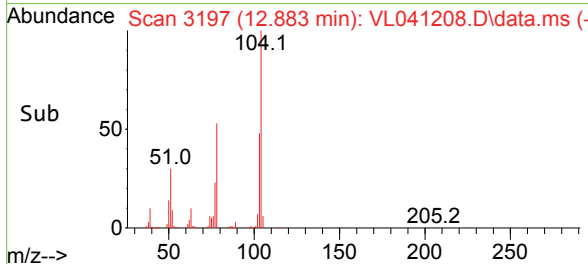
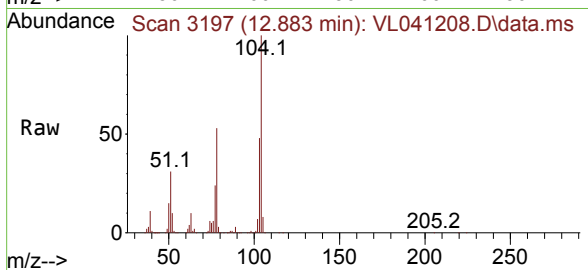


#61
 Styrene
 Concen: 9.418 ppbv
 RT: 12.883 min Scan# 3197
 Delta R.T. -0.016 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010EC

Tgt Ion:104 Resp: 1265963

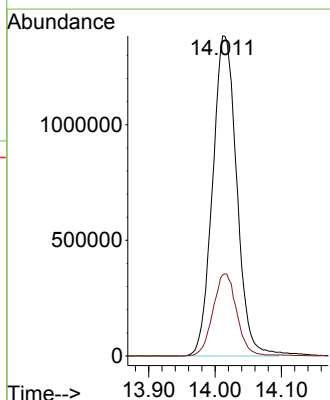
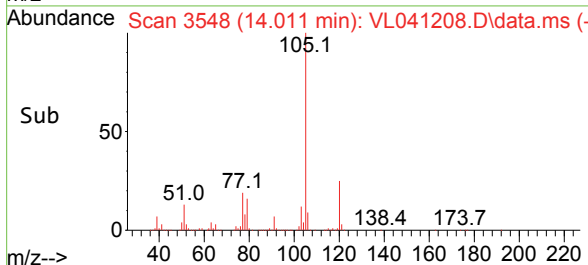
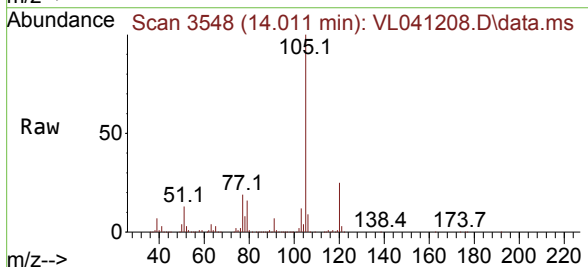
Ion	Ratio	Lower	Upper
104	100		
78	53.1	42.6	63.8
103	47.7	38.4	57.6

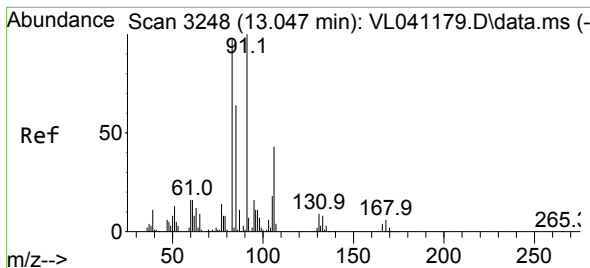


#62
 Isopropylbenzene
 Concen: 9.185 ppbv
 RT: 14.011 min Scan# 3548
 Delta R.T. -0.019 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion:105 Resp: 3495815

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.2	30.2

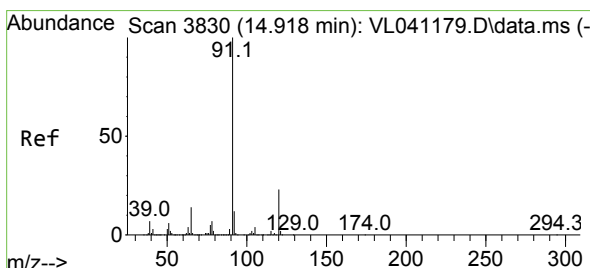
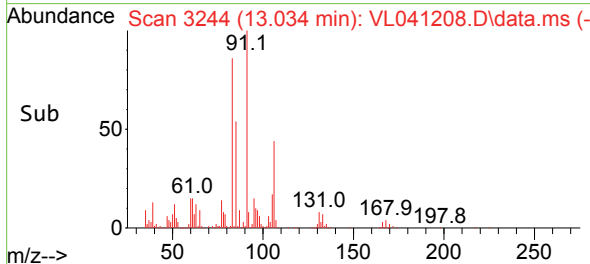
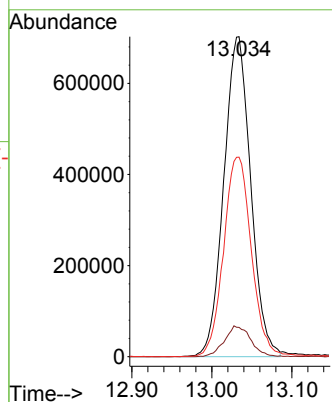
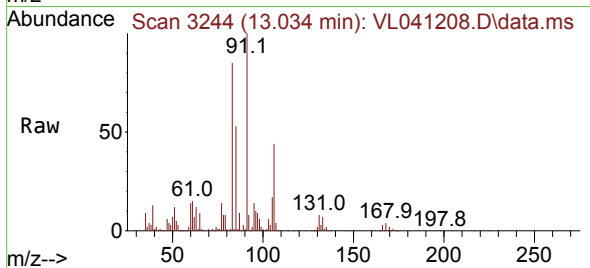




#63
1,1,2,2-Tetrachloroethane
Concen: 9.468 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

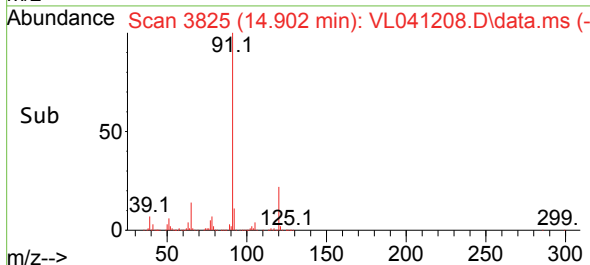
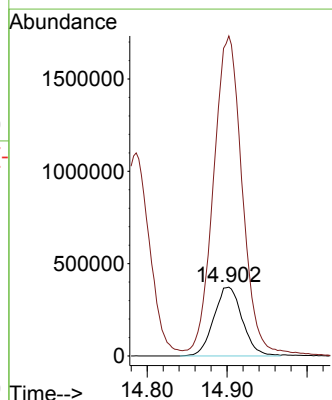
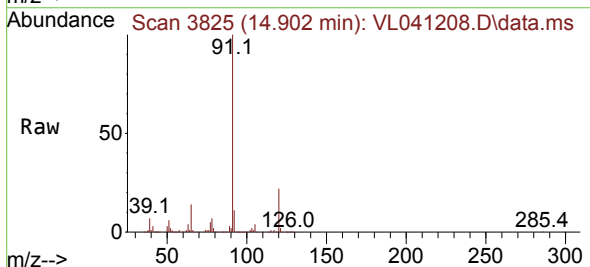
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

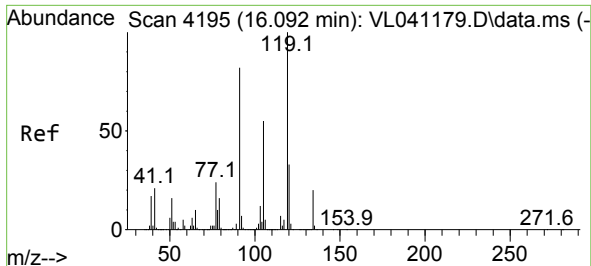
Tgt Ion: 83 Resp: 1642083
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 65.0 32.7 98.1



#64
n-propylbenzene
Concen: 9.689 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 120 Resp: 920015
Ion Ratio Lower Upper
120 100
91 475.3 384.8 577.2

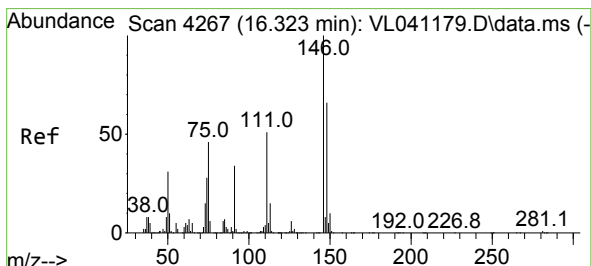
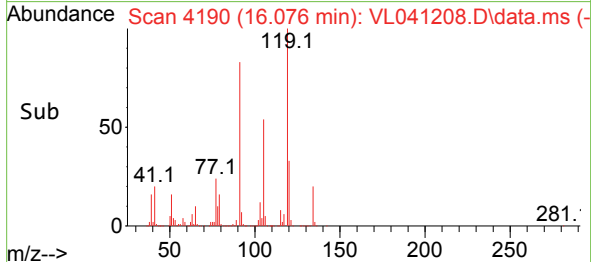
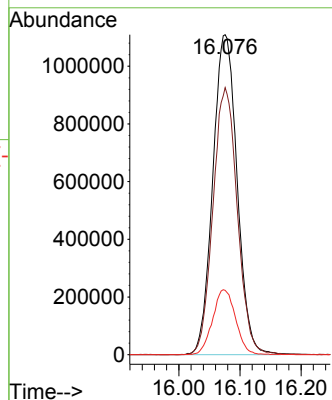
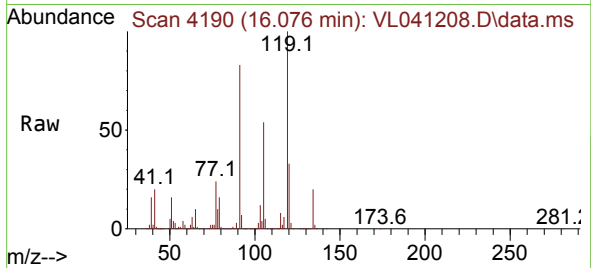




#65
tert-Butylbenzene
Concen: 8.981 ppbv
RT: 16.076 min Scan# 4195
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

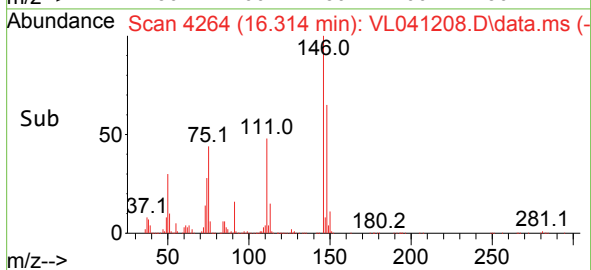
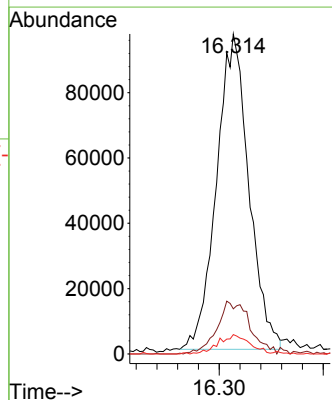
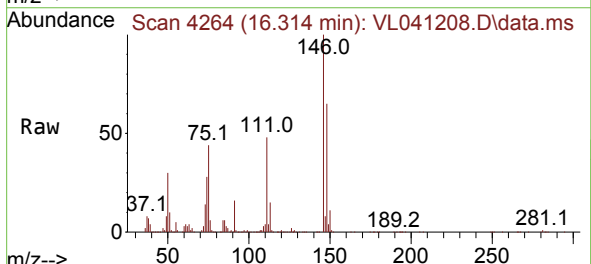
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

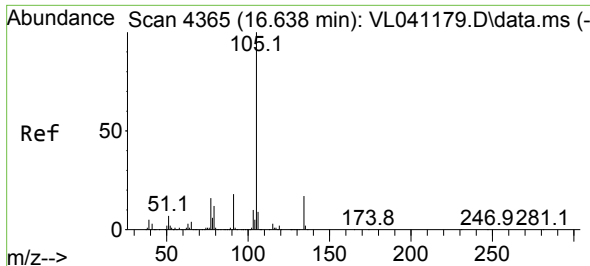
Tgt Ion:119 Resp: 3061681
Ion Ratio Lower Upper
119 100
91 83.6 67.0 100.4
134 19.3 15.2 22.8



#66
Benzyl Chloride
Concen: 5.410 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 91 Resp: 208747
Ion Ratio Lower Upper
91 100
126 17.7 14.6 21.8
128 6.2 4.7 7.1

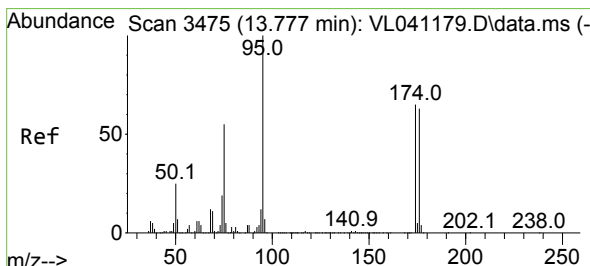
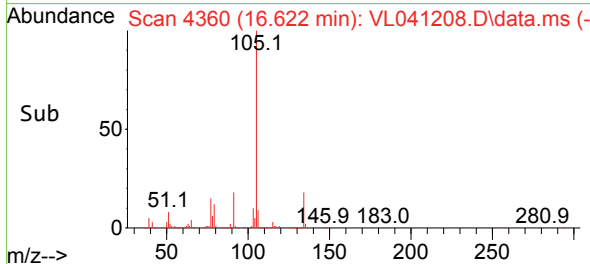
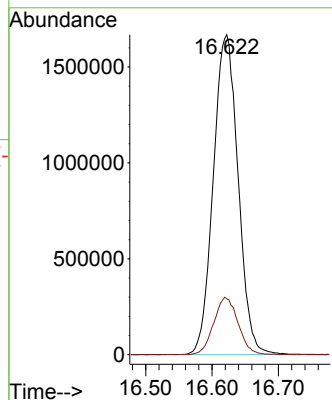
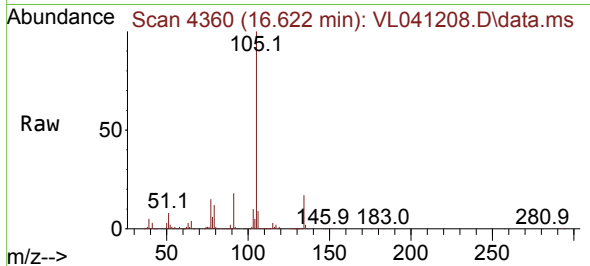




#67
sec-Butylbenzene
Concen: 9.021 ppbv
RT: 16.622 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

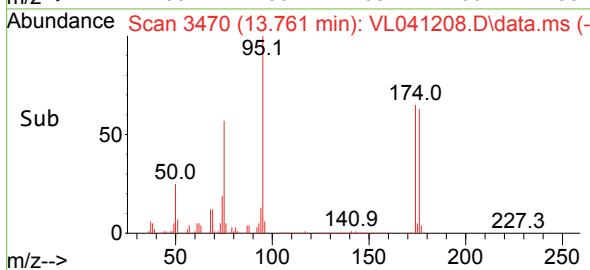
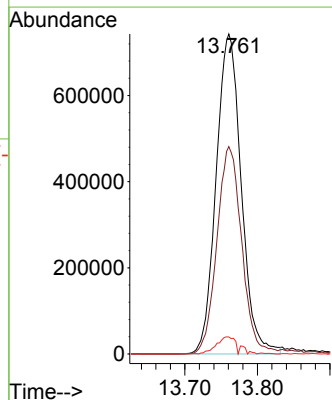
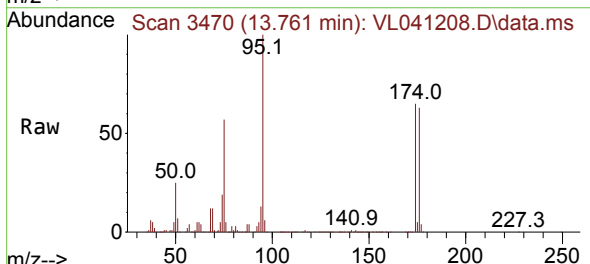
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

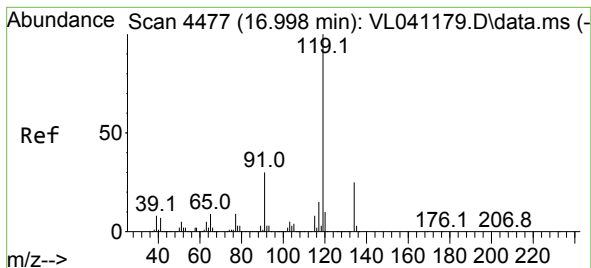
Tgt Ion:105 Resp: 4328861
Ion Ratio Lower Upper
105 100
134 17.7 13.8 20.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.053 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 95 Resp: 1787733
Ion Ratio Lower Upper
95 100
174 65.6 53.6 80.4
175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.133 ppbv

RT: 16.979 min Scan# 4477

Delta R.T. -0.019 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

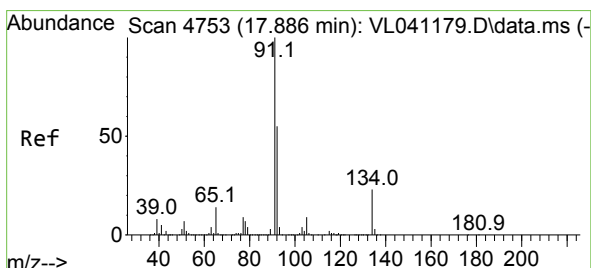
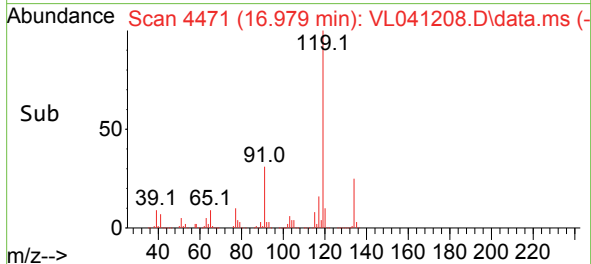
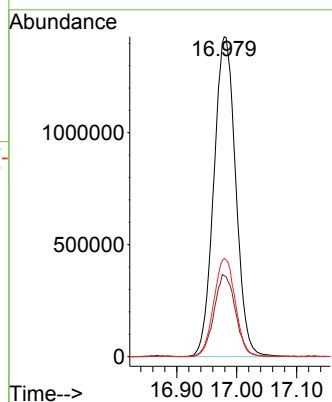
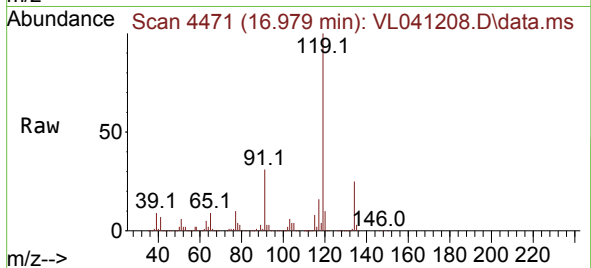
Tgt Ion:119 Resp: 3611777

Ion Ratio Lower Upper

119 100

134 25.2 20.1 30.1

91 30.4 24.2 36.2



#70

n-Butylbenzene

Concen: 9.209 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

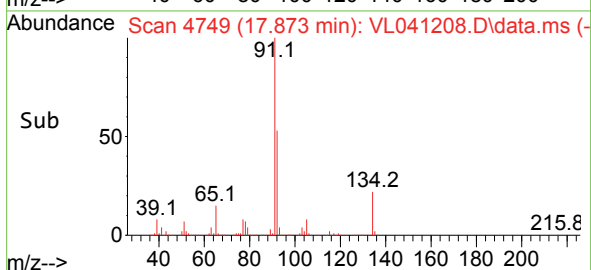
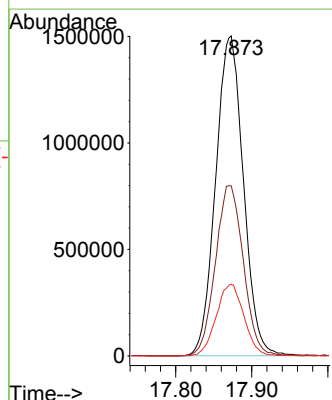
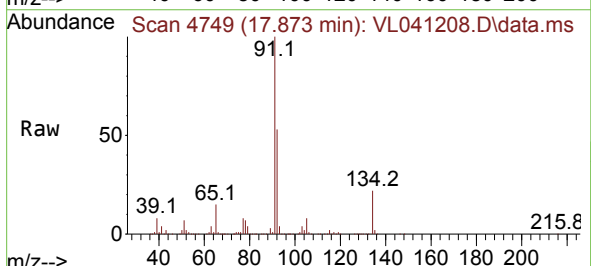
Tgt Ion: 91 Resp: 3803512

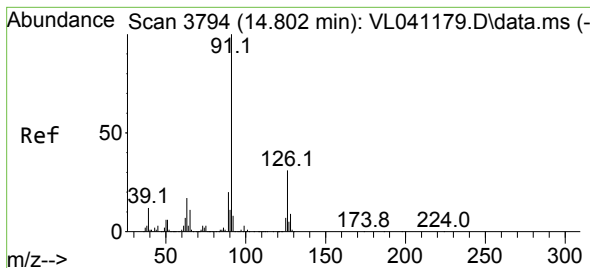
Ion Ratio Lower Upper

91 100

92 53.9 43.3 64.9

134 22.5 17.8 26.8

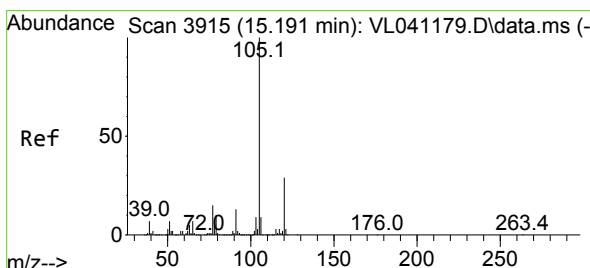
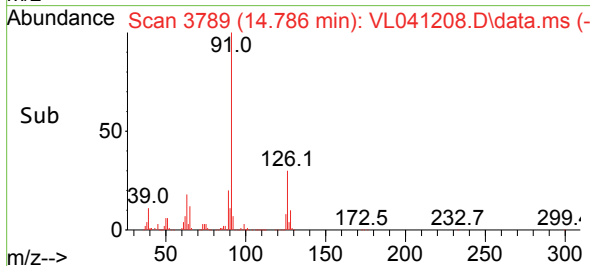
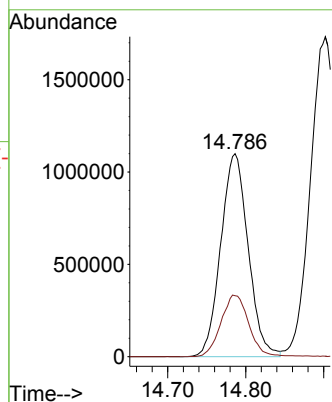
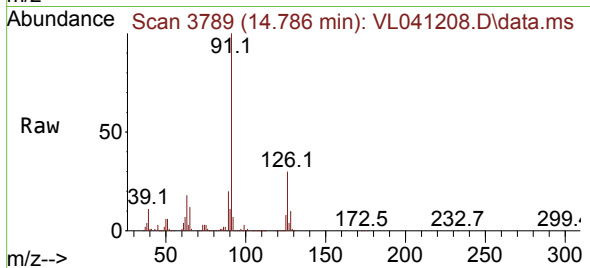




#71
2-Chlorotoluene
Concen: 9.281 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

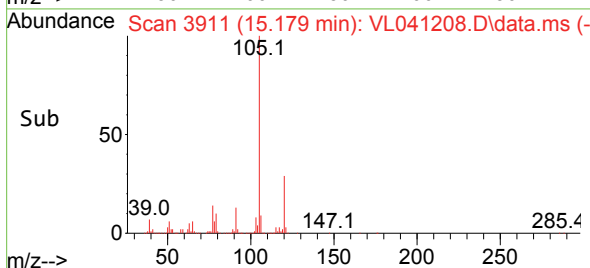
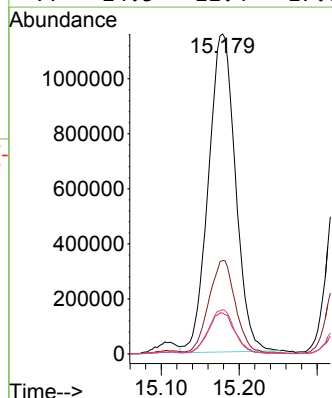
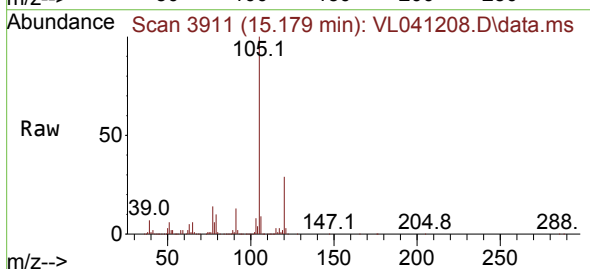
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

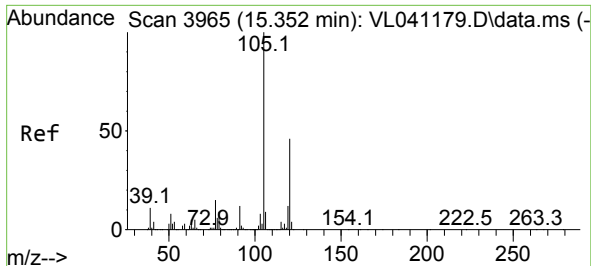
Tgt Ion: 91 Resp: 2689590
Ion Ratio Lower Upper
91 100
126 31.3 12.2 48.8



#72
4-Ethyltoluene
Concen: 9.673 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 105 Resp: 2787821
Ion Ratio Lower Upper
105 100
120 29.7 24.7 37.1
91 13.8 10.3 15.5
77 14.5 11.4 17.0

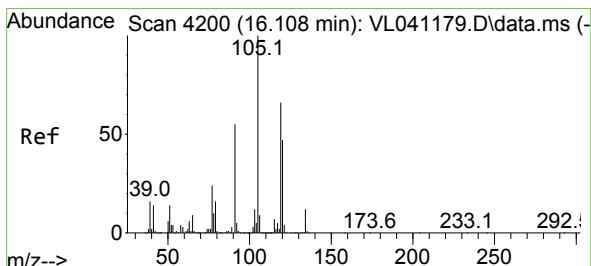
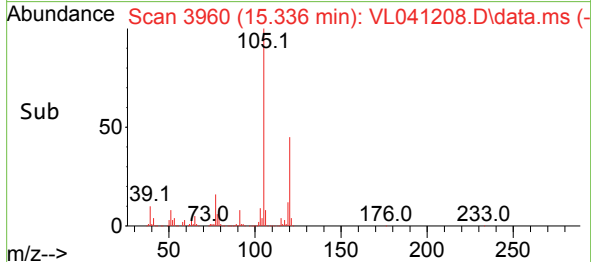
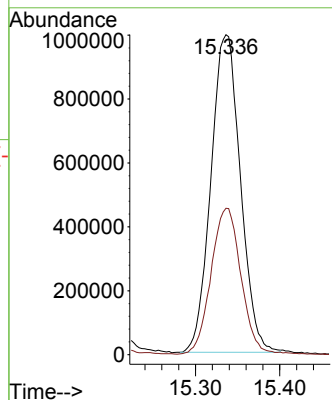
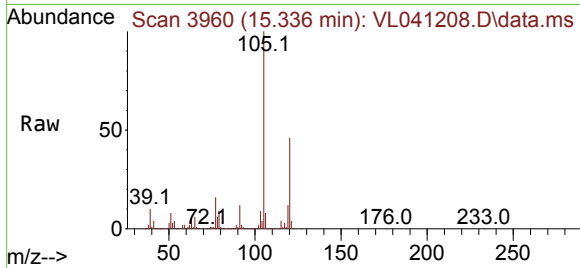




#73
 1,3,5-Trimethylbenzene
 Concen: 9.267 ppbv
 RT: 15.336 min Scan# 3965
 Delta R.T. -0.016 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

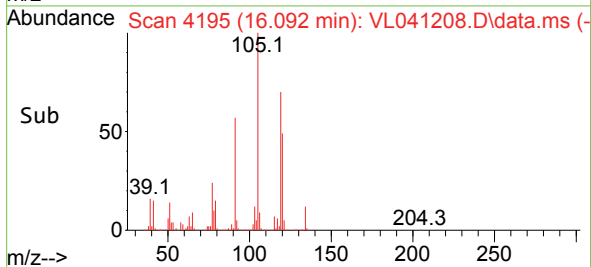
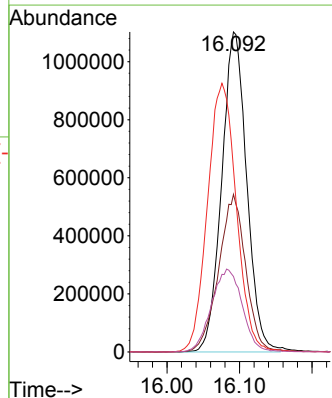
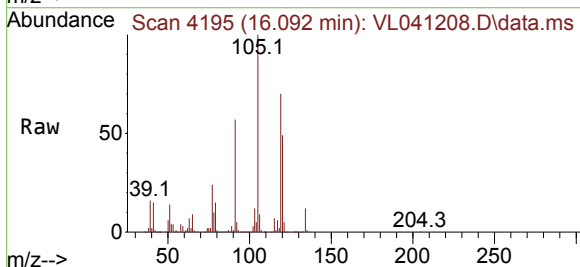
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

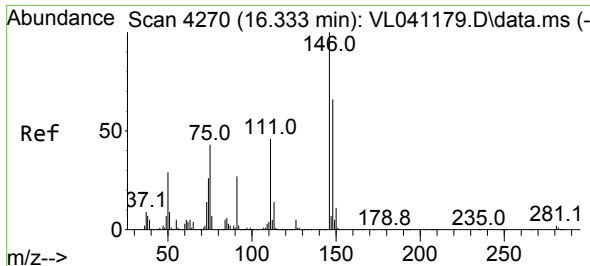
Tgt Ion:105 Resp: 2416615
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 9.262 ppbv
 RT: 16.092 min Scan# 4195
 Delta R.T. -0.016 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion:105 Resp: 2637848
 Ion Ratio Lower Upper
 105 100
 120 49.2 37.8 56.6
 91 56.8 44.3 66.5
 77 23.5 19.0 28.4

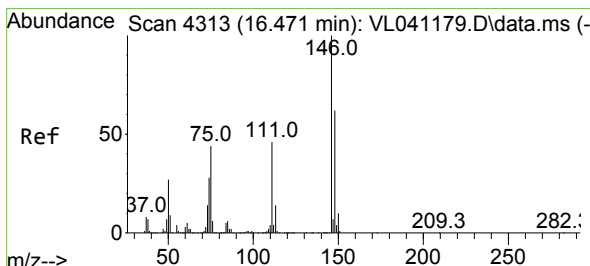
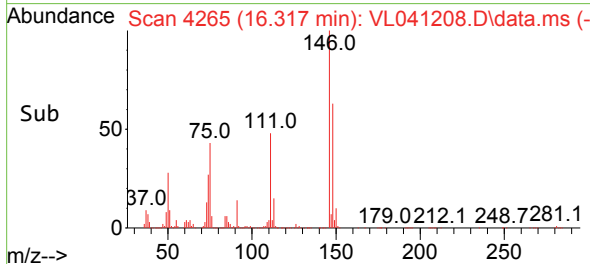
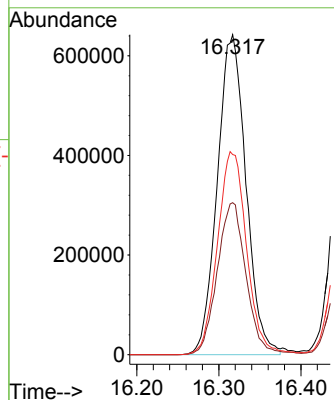
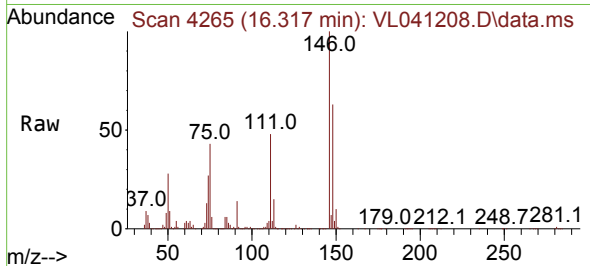




#75
1,3-Dichlorobenzene
Concen: 9.548 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

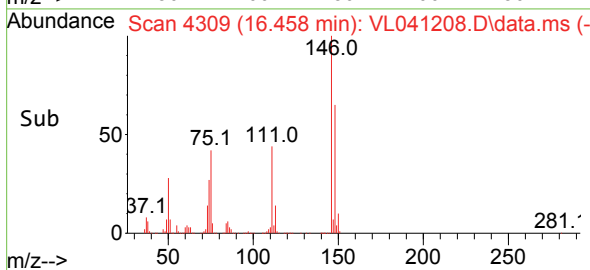
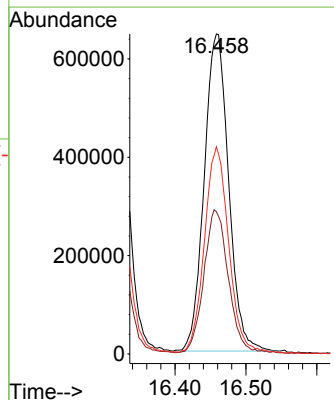
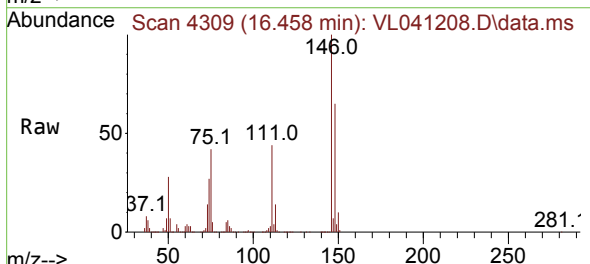
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

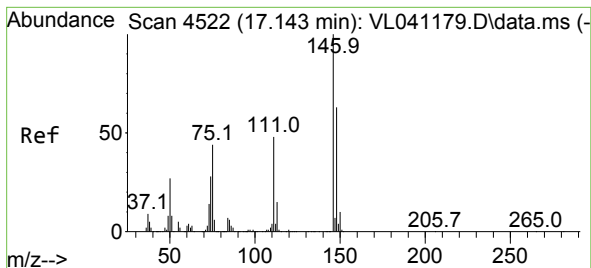
Tgt Ion:146 Resp: 1559284
Ion Ratio Lower Upper
146 100
111 47.8 23.7 71.1
148 64.8 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 9.819 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:146 Resp: 1542079
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.8
148 65.9 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.361 ppbv

RT: 17.127 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

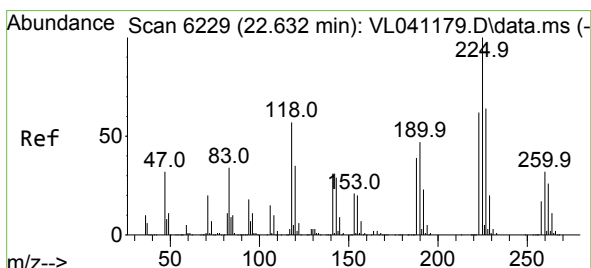
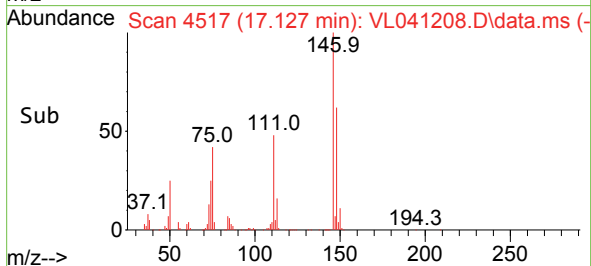
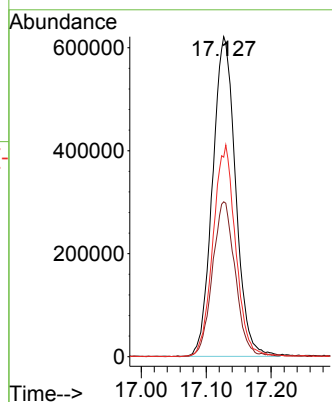
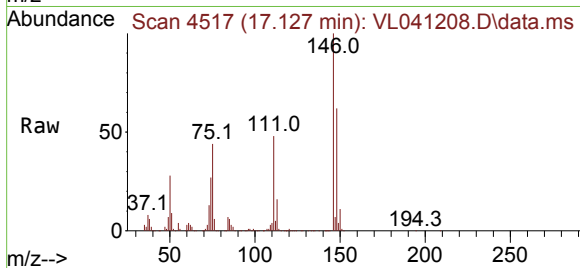
Tgt Ion:146 Resp: 1528067

Ion Ratio Lower Upper

146 100

111 48.2 24.5 73.5

148 65.0 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 7.862 ppbv

RT: 22.616 min Scan# 6224

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

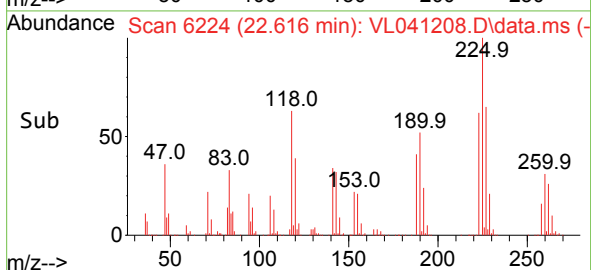
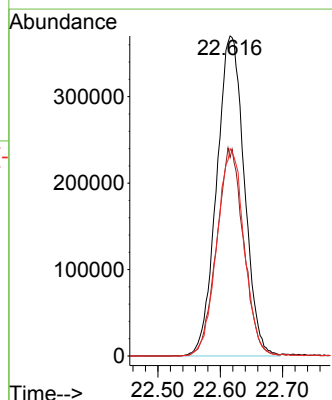
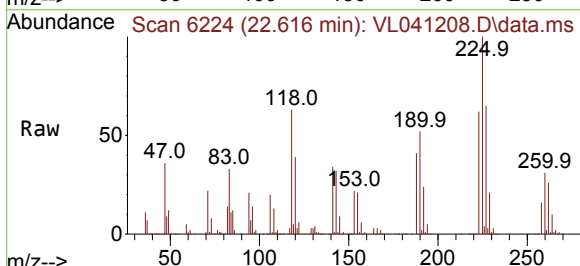
Tgt Ion:225 Resp: 1140684

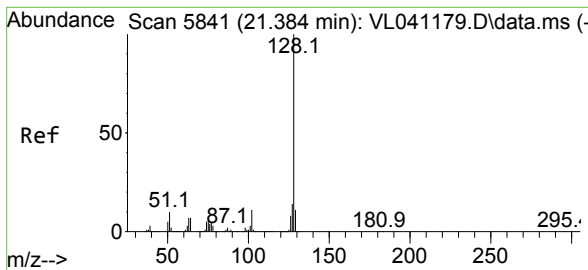
Ion Ratio Lower Upper

225 100

223 63.9 50.9 76.3

227 64.0 52.0 78.0

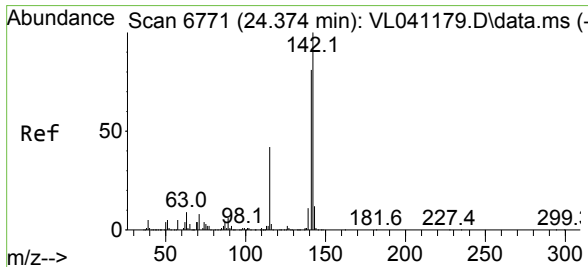
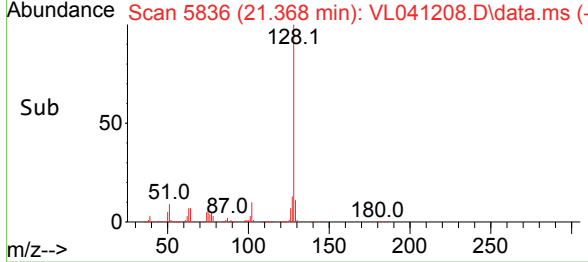
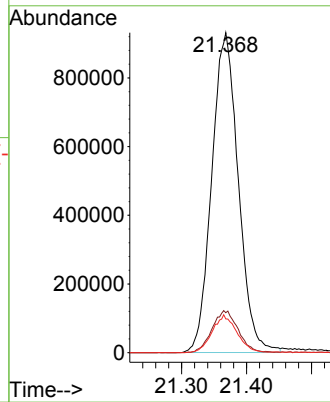
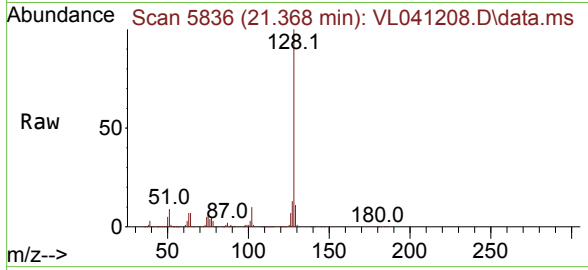




#79
Naphthalene
Concen: 9.740 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

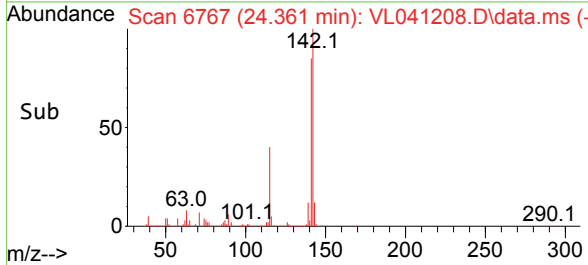
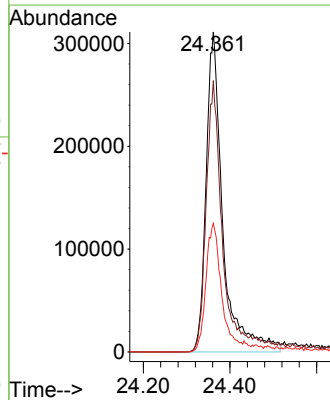
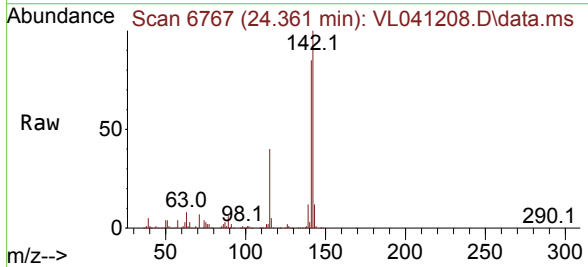
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

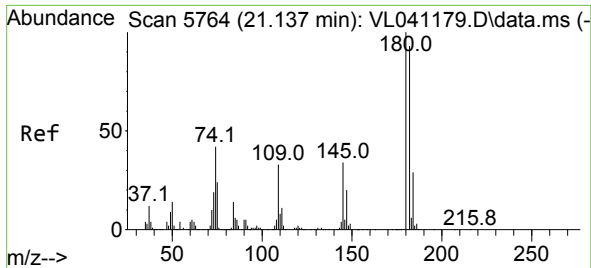
Tgt Ion:128 Resp: 2641678
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 10.5 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 7.659 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

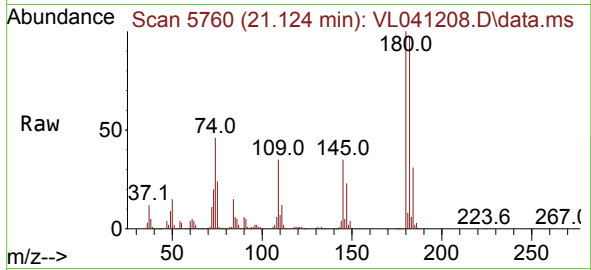
Tgt Ion:142 Resp: 835658
Ion Ratio Lower Upper
142 100
141 85.0 67.9 101.9
115 39.8 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.172 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1313432

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.2	115.8
184	30.8	24.6	36.8

