

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039697.D
 Acq On : 10 Oct 2022 15:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 10 15:37:58 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

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

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1101067	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2896789	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2979554m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	2075478	9.331	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1040264	8.149	ppbv	98
3) Chlorodifluoromethane	2.694	51	1191229	9.117	ppbv	96
4) Chloromethane	2.832	50	638226	8.094	ppbv	98
5) Vinyl Chloride	2.938	62	608885	9.264	ppbv	98
6) Bromomethane	3.134	94	236260	9.747	ppbv	99
7) Chloroethane	3.214	64	212933	8.859	ppbv	100
8) Dichlorotetrafluoroethane	2.874	85	1401672	9.154	ppbv	95
9) Propene	2.713	41	550065	9.217	ppbv	98
10) Heptane	7.578	43	1380741	9.915	ppbv	98
11) Trichlorofluoromethane	3.578	101	1456840	9.216	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.079	101	1094985	9.171	ppbv	99
13) Ethanol	3.256	45	38877m	8.550	ppbv	
14) Bromoethene	3.382	108	453439	9.513	ppbv	99
15) Acetone	3.481	43	1079579	8.811	ppbv	98
16) 1,3-Butadiene	3.002	39	608602	9.792	ppbv	97
17) tert-Butyl alcohol	3.890	59	1038340	9.444	ppbv	98
18) 1,1-Dichloroethene	3.893	96	484655	9.226	ppbv	97
19) Isopropyl Alcohol	3.591	45	532803	8.531	ppbv	100
20) Methylene Chloride	3.944	84	425192	7.506	ppbv	98
21) Allyl Chloride	4.012	41	744051	8.918	ppbv	98
22) trans-1,2-Dichloroethene	4.455	96	476944	9.177	ppbv	95
23) Vinyl Acetate	4.632	43	345956m	6.246	ppbv	
24) 1,1-Dichloroethane	4.574	63	1038228	9.413	ppbv	99
25) Ethyl Acetate	5.211	43	2740608	10.258	ppbv	99
26) Hexane	5.218	57	1022495	9.019	ppbv	86
27) Carbon Disulfide	4.134	76	1128065	9.468	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	871212	9.147	ppbv	99
29) Chloroform	5.279	83	1455068	8.890	ppbv	98
30) Cyclohexane	6.603	84	852297	9.708	ppbv	96
31) cis-1,2-Dichloroethene	5.086	61	946319	9.229	ppbv	98
32) 1,1,1-Trichloroethane	6.008	97	1445718	9.757	ppbv	98
34) 2-Butanone	4.796	43	1236378	8.689	ppbv	96
35) Carbon Tetrachloride	6.494	117	1528691	9.941	ppbv	98
36) Benzene	6.372	78	2106019	9.509	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1101816	9.141	ppbv	99
38) Trichloroethene	7.288	130	949163	7.930	ppbv	99
39) 1,2-Dichloropropane	7.073	63	788851	9.224	ppbv	94
40) 1,4-Dioxane	7.288	88	305155	8.739	ppbv #	1
41) Tetrahydrofuran	5.565	42	868559	9.950	ppbv	96
42) Bromodichloromethane	7.246	83	1627476	9.707	ppbv	99
43) Methyl Methacrylate	7.478	69	853255	10.569	ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3578527	9.375	ppbv	98
45) t-1,3-Dichloropropene	8.706	75	586335	8.595	ppbv	100

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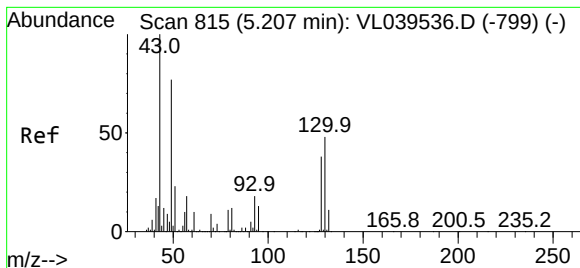
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	896238	9.228	ppbv	96
47) 1,1,2-Trichloroethane	8.896	97	871100	9.319	ppbv	98
48) Dibromochloromethane	9.703	129	1442324	10.247	ppbv	100
49) Bromoform	12.401	173	1227249	10.541	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2226906	9.960	ppbv	98
51) 2-Hexanone	9.549	43	1681171	10.158	ppbv #	100
52) Tetrachloroethene	10.610	164	792936	9.385	ppbv	97
53) Toluene	9.217	91	2464678	10.006	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1120538	11.205	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	1114939	9.260	ppbv	99
57) Chlorobenzene	11.520	112	1850873	8.448	ppbv #	96
58) Ethyl Benzene	12.082	91	3290233	9.577	ppbv	97
59) m/p-Xylene	12.365	91	5508292m	18.017	ppbv	
60) o-Xylene	13.050	91	2670288	9.146	ppbv	98
61) Styrene	12.886	104	1542189	9.808	ppbv	99
62) Isopropylbenzene	14.021	105	4147003	9.439	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	1635225m	14.041	ppbv	
64) n-propylbenzene	14.908	120	1071768	9.527	ppbv	95
65) tert-Butylbenzene	16.085	119	3692680	9.514	ppbv	100
66) Benzyl Chloride	16.317	91	197588m	6.394	ppbv	
67) sec-Butylbenzene	16.629	105	5208466	9.567	ppbv	98
69) p-Isopropyltoluene	16.989	119	4384464	9.801	ppbv	99
70) n-Butylbenzene	17.879	91	4397775	10.029	ppbv	99
71) 2-Chlorotoluene	14.793	91	3056851	9.637	ppbv	99
72) 4-Ethyltoluene	15.185	105	3204760	9.615	ppbv	99
73) 1,3,5-Trimethylbenzene	15.343	105	2912236	9.548	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	3126773	9.146	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	1874039	9.187	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1802596	8.834	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	1863252	9.367	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1377081	9.060	ppbv	99
79) Naphthalene	21.368	128	2586325	11.463	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	553172	6.521	ppbv	98
81) 1,2,4-Trichlorobenzene	21.124	180	1479357	9.983	ppbv	99

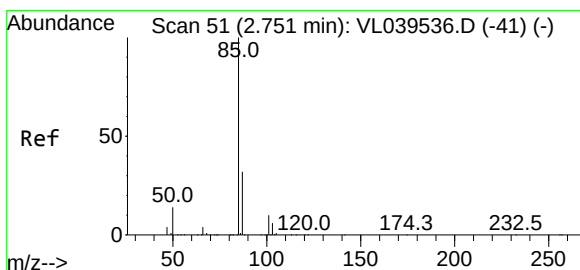
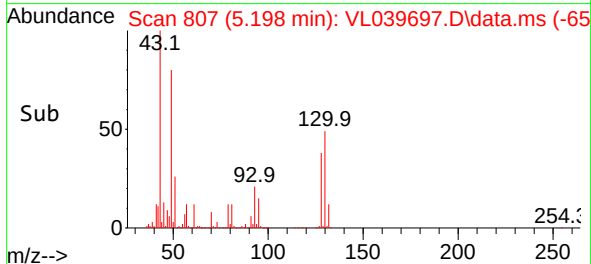
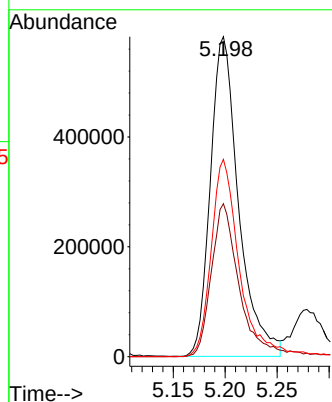
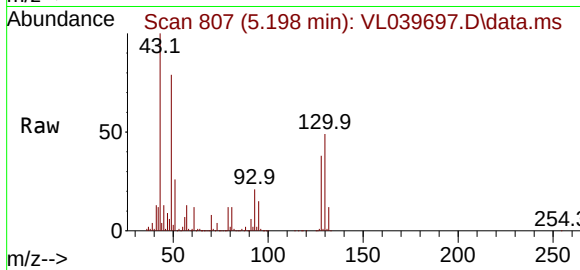
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. -0.009 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

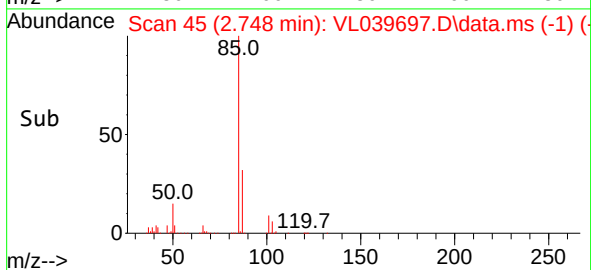
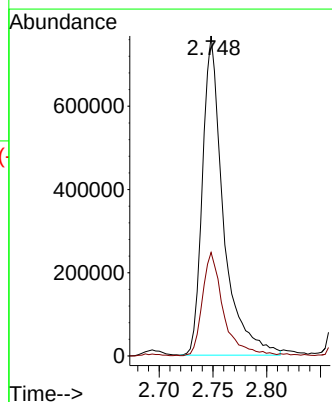
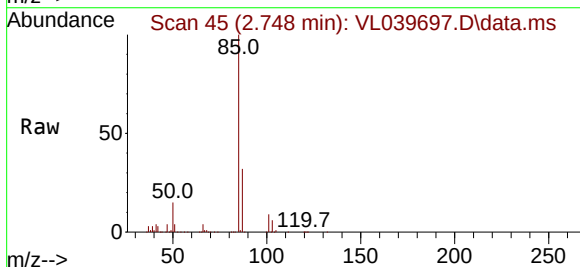
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

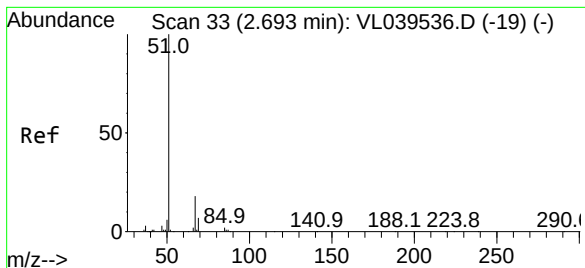
Tgt Ion: 49 Resp: 1101067
 Ion Ratio Lower Upper
 49 100
 128 48.3 26.7 80.0
 130 62.9 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 8.149 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. -0.003 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 85 Resp: 1040264
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.7 40.1

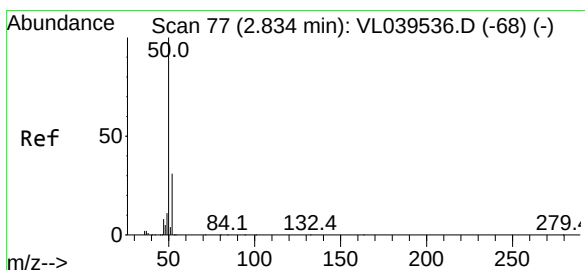
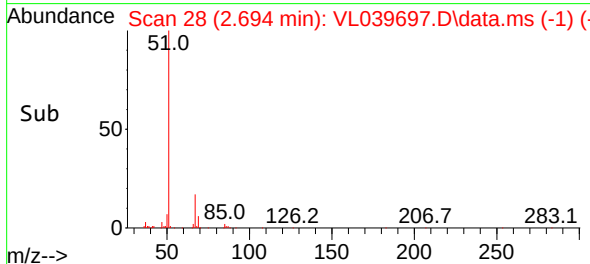
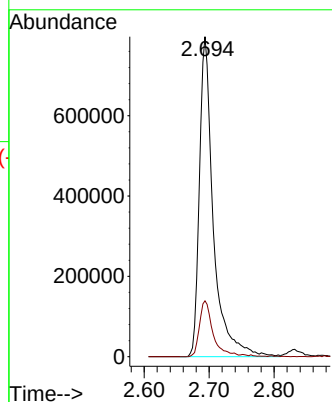
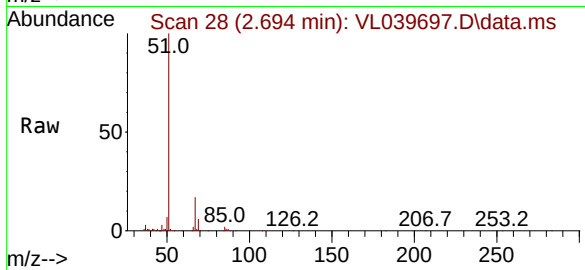




#3
 Chlorodifluoromethane
 Concen: 9.117 ppbv
 RT: 2.694 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

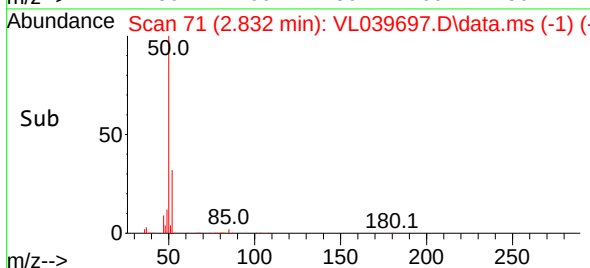
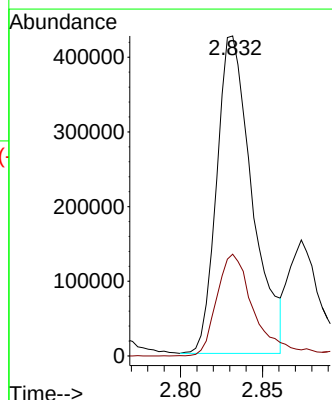
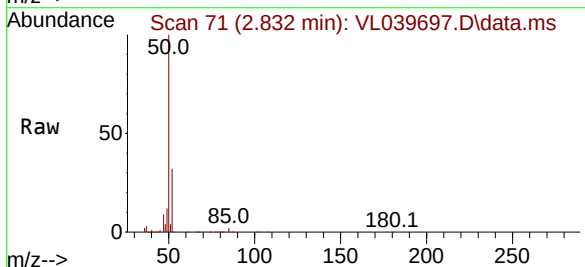
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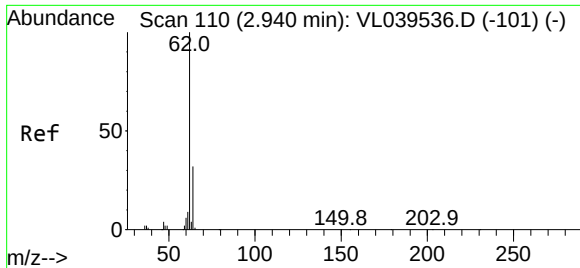
Tgt Ion: 51 Resp: 1191229
 Ion Ratio Lower Upper
 51 100
 67 17.6 15.7 23.5



#4
 Chloromethane
 Concen: 8.094 ppbv
 RT: 2.832 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 50 Resp: 638226
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.5 39.7

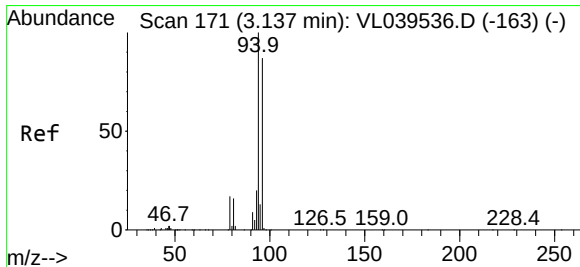
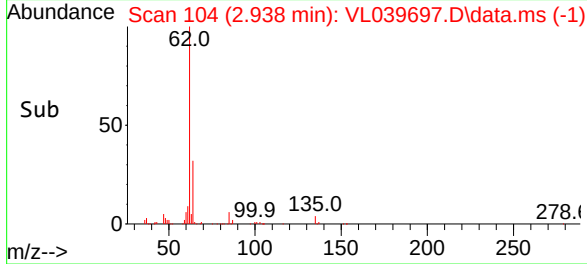
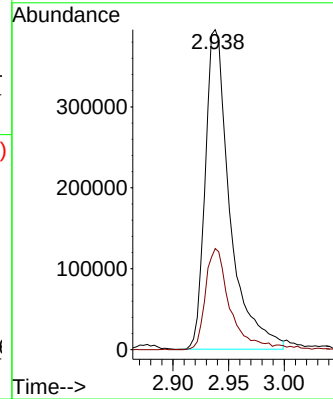
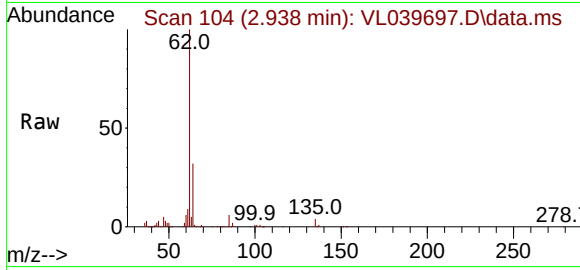




#5
 Vinyl Chloride
 Concen: 9.264 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

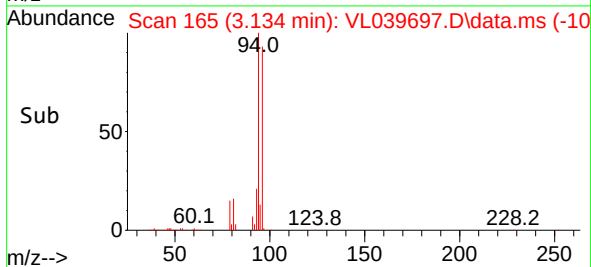
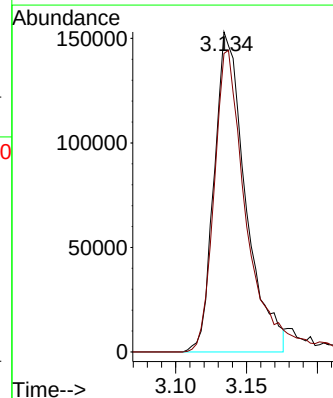
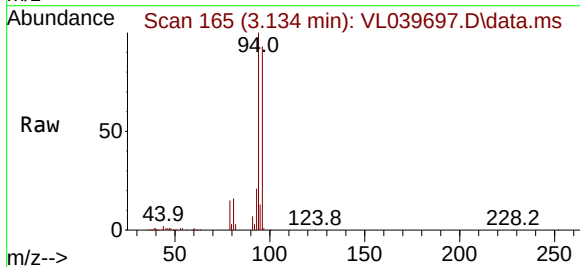
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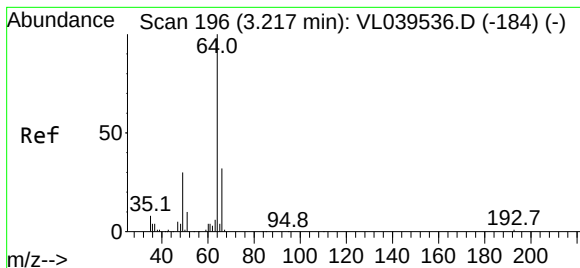
Tgt Ion: 62 Resp: 608885
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.6 36.8



#6
 Bromomethane
 Concen: 9.747 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. -0.003 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 94 Resp: 236260
 Ion Ratio Lower Upper
 94 100
 96 93.3 75.6 113.4

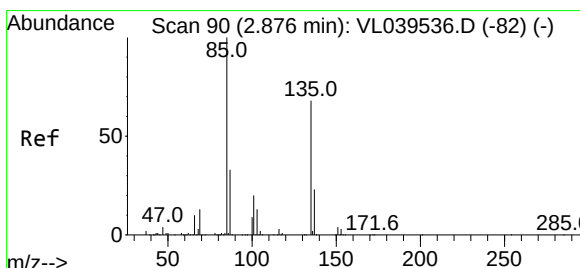
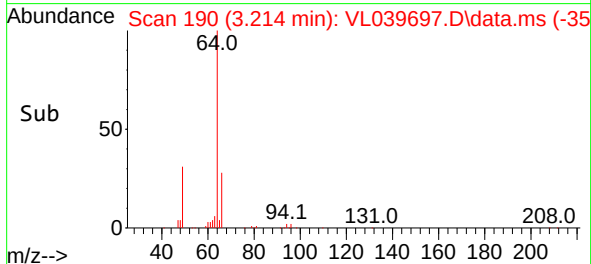
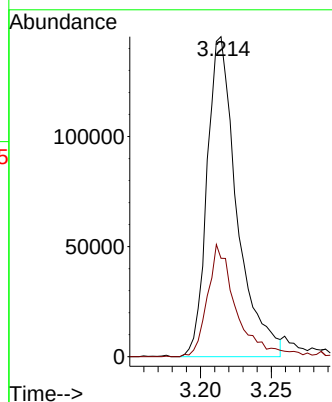
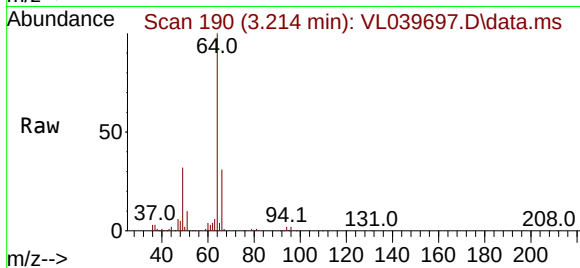




#7
Chloroethane
Concen: 8.859 ppbv
RT: 3.214 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

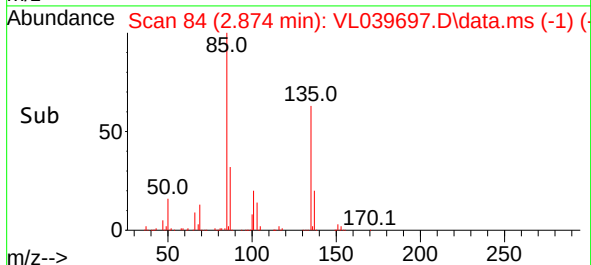
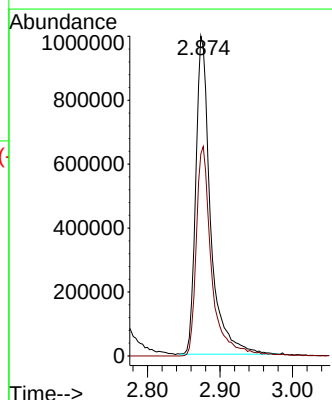
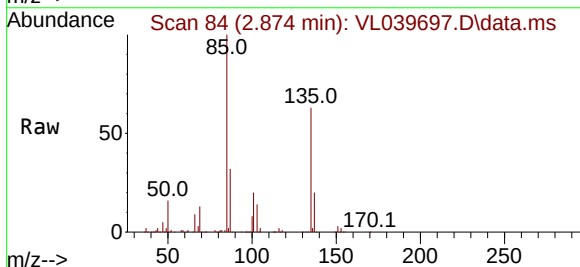
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MSVOA_L
ClientSampleId :
VSTDCCC010

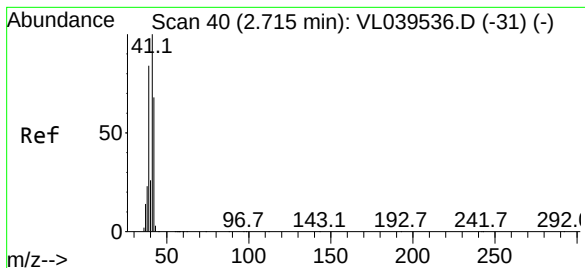
Tgt Ion: 64 Resp: 212933
Ion Ratio Lower Upper
64 100
66 30.8 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.154 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 85 Resp: 1401672
Ion Ratio Lower Upper
85 100
135 69.4 59.0 88.4

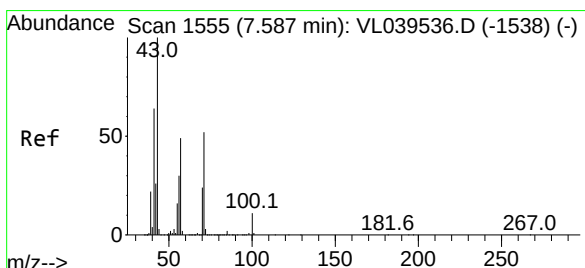
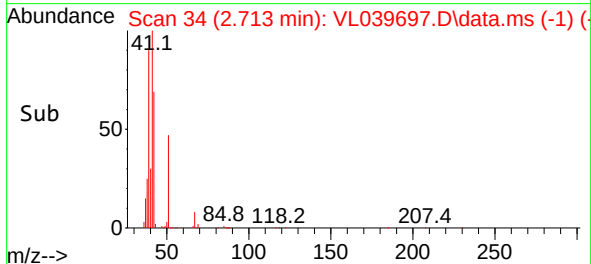
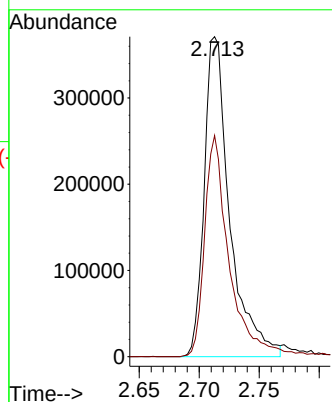
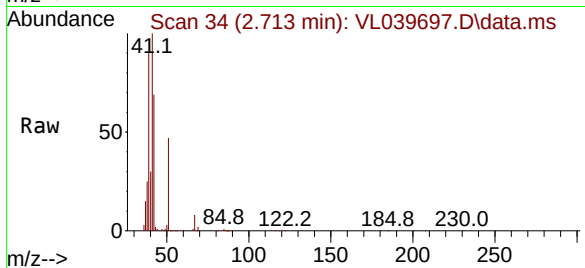




#9
 Propene
 Concen: 9.217 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

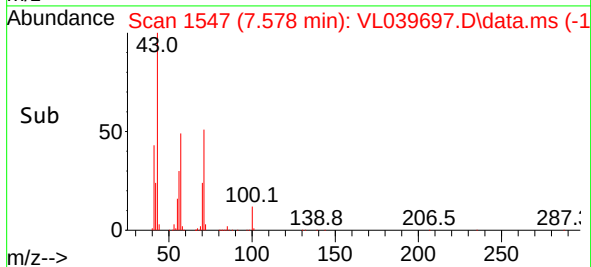
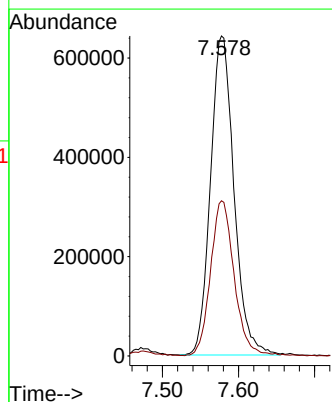
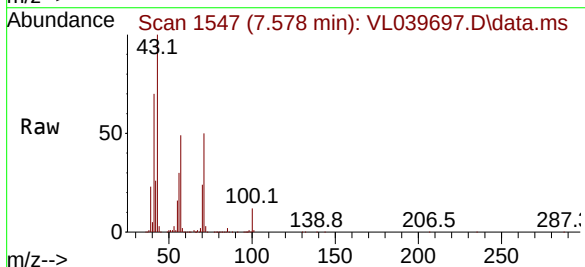
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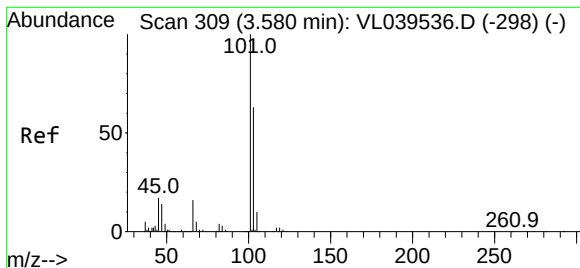
Tgt Ion: 41 Resp: 550065
 Ion Ratio Lower Upper
 41 100
 42 67.6 55.2 82.8



#10
 Heptane
 Concen: 9.915 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.009 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 43 Resp: 1380741
 Ion Ratio Lower Upper
 43 100
 57 49.3 40.5 60.7

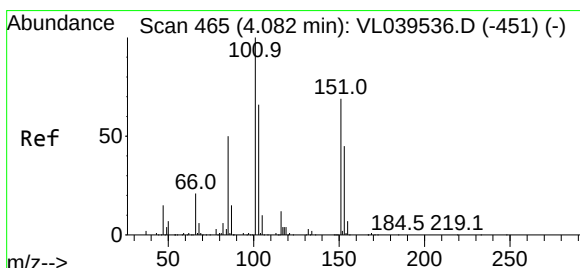
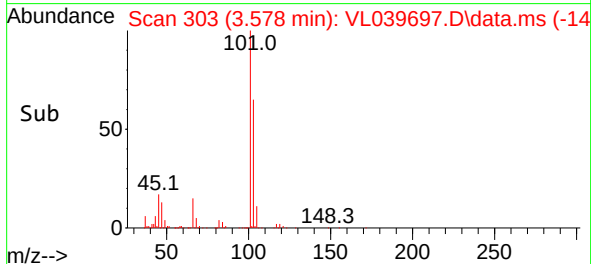
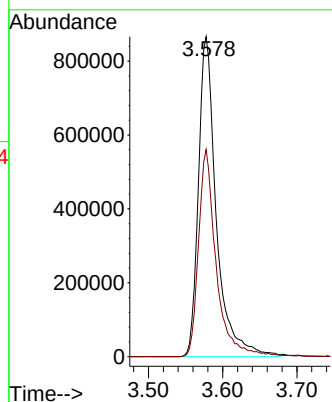
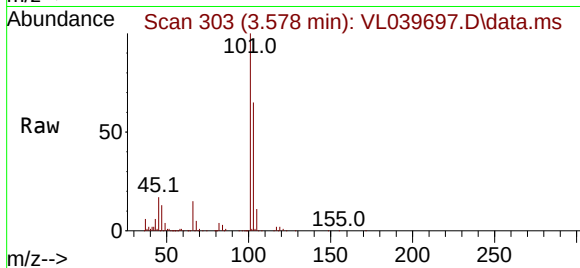




#11
Trichlorofluoromethane
Concen: 9.216 ppbv
RT: 3.578 min Scan# 309
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

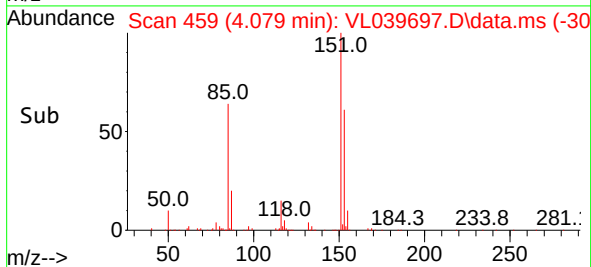
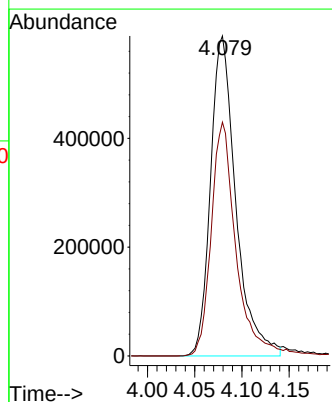
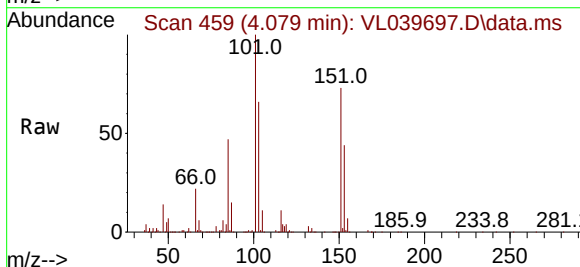
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MSVOA_L
ClientSampleId :
VSTDCCC010

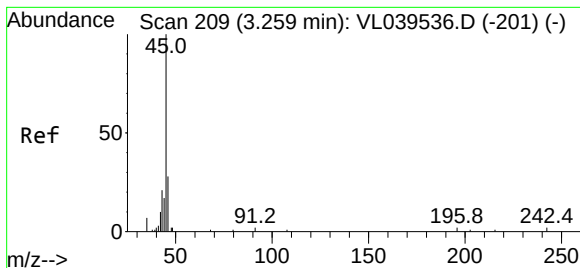
Tgt Ion:101 Resp: 1456840
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.171 ppbv
RT: 4.079 min Scan# 459
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion:101 Resp: 1094985
Ion Ratio Lower Upper
101 100
151 72.7 58.9 88.3





#13

Ethanol

Concen: 8.550 ppbv m

RT: 3.256 min Scan# 209

Delta R.T. -0.003 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

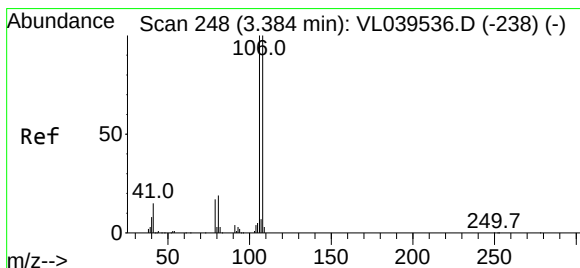
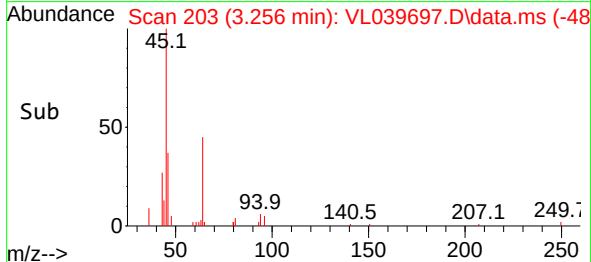
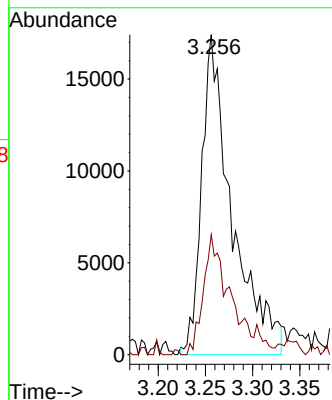
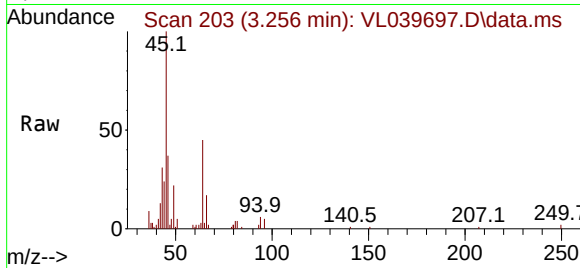
VSTDCCC010

Tgt Ion: 45 Resp: 38877

Ion Ratio Lower Upper

45 100

46 35.5 22.8 91.2



#14

Bromoethene

Concen: 9.513 ppbv

RT: 3.382 min Scan# 242

Delta R.T. -0.003 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

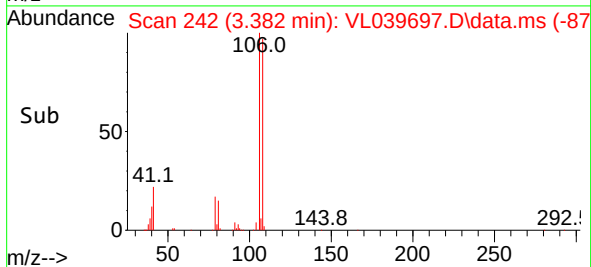
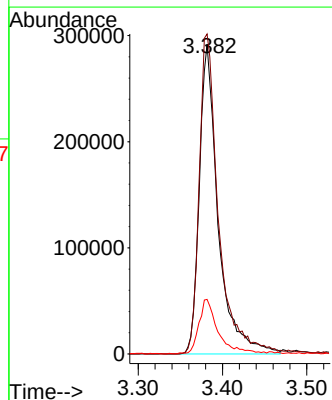
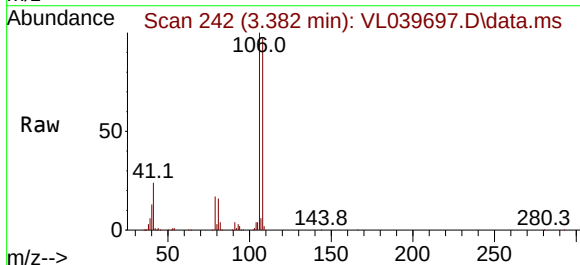
Tgt Ion: 108 Resp: 453439

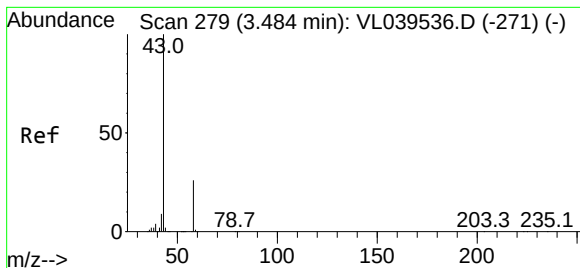
Ion Ratio Lower Upper

108 100

106 107.7 87.1 130.7

79 18.9 14.6 22.0





#15

Acetone

Concen: 8.811 ppbv

RT: 3.481 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

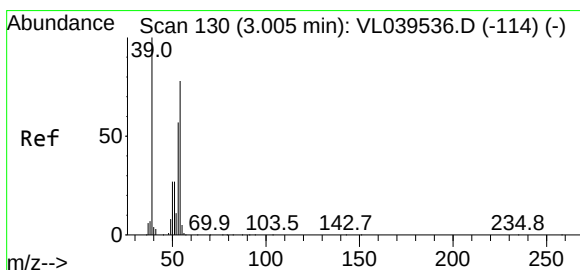
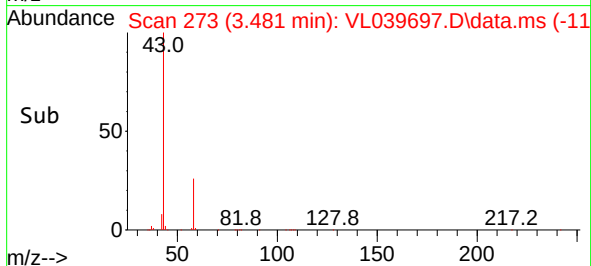
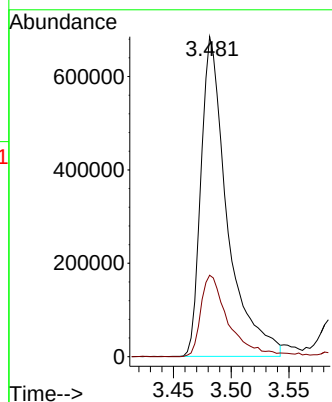
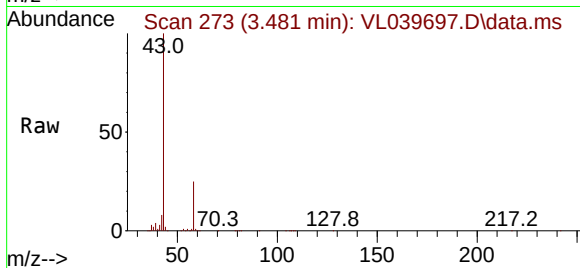
VSTDCCC010

Tgt Ion: 43 Resp: 1079579

Ion Ratio Lower Upper

43 100

58 27.5 21.0 31.6



#16

1,3-Butadiene

Concen: 9.792 ppbv

RT: 3.002 min Scan# 124

Delta R.T. -0.003 min

Lab File: VL039697.D

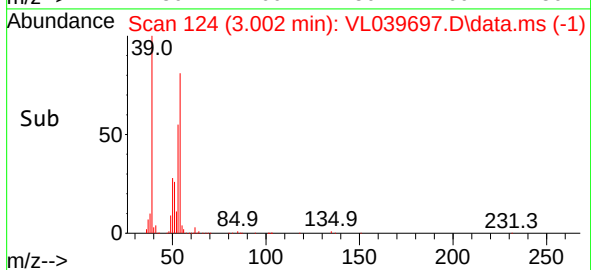
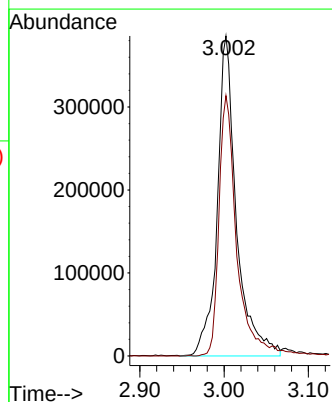
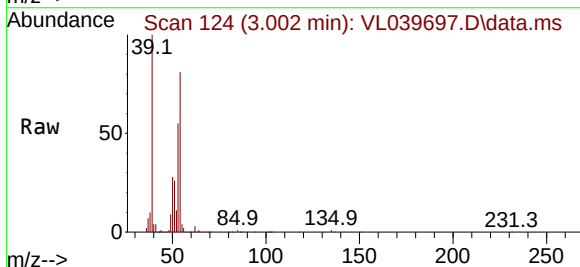
Acq: 10 Oct 2022 15:02

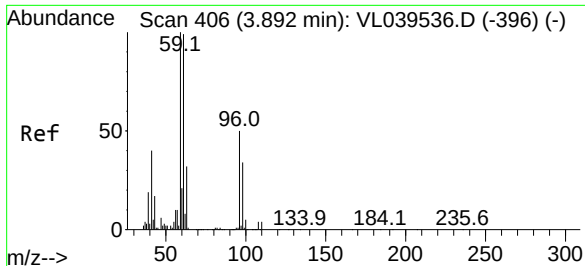
Tgt Ion: 39 Resp: 608602

Ion Ratio Lower Upper

39 100

54 76.8 63.7 95.5

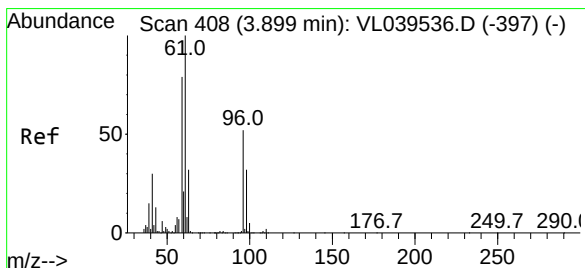
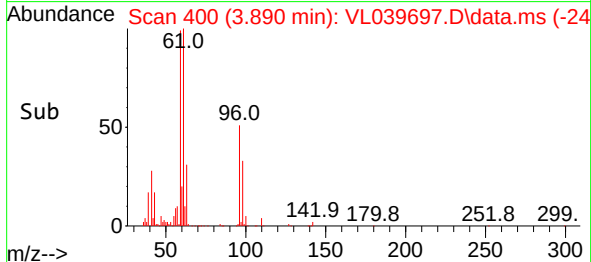
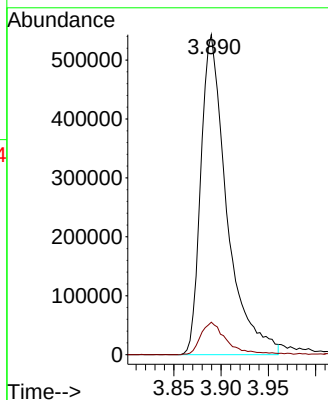
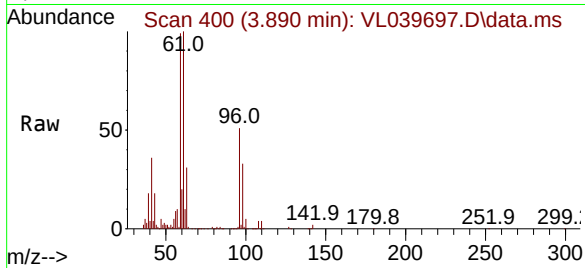




#17
tert-Butyl alcohol
Concen: 9.444 ppbv
RT: 3.890 min Scan# 406
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

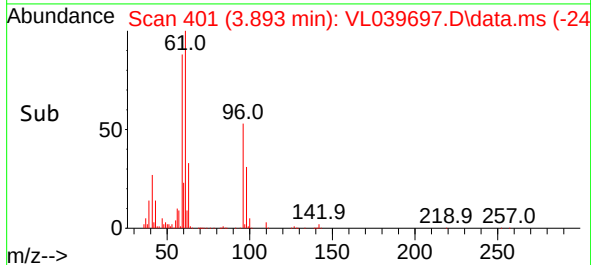
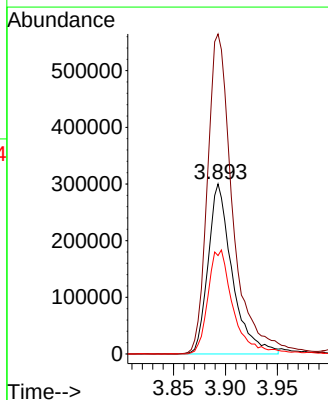
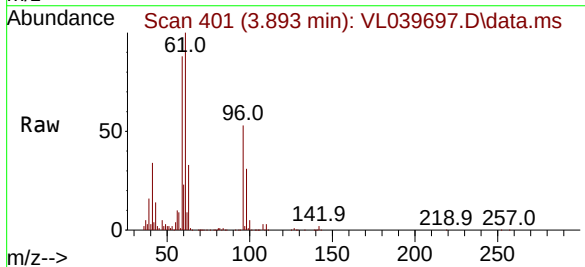
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

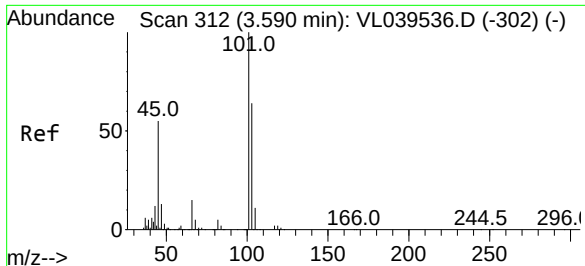
Tgt Ion: 59 Resp: 1038340
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.226 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 96 Resp: 484655
Ion Ratio Lower Upper
96 100
61 188.1 152.2 228.4
98 57.8 51.8 77.6

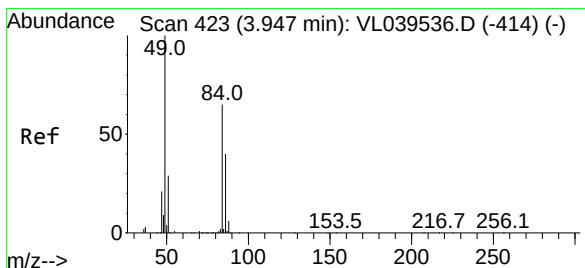
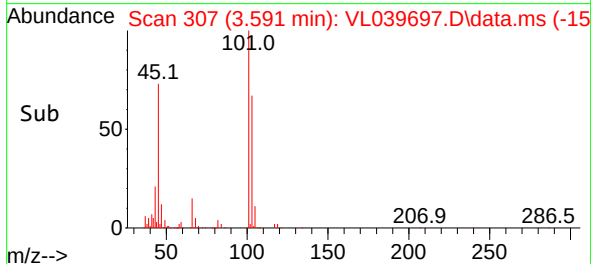
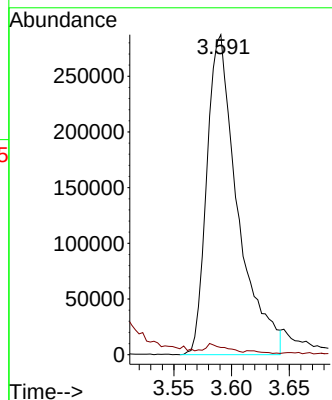
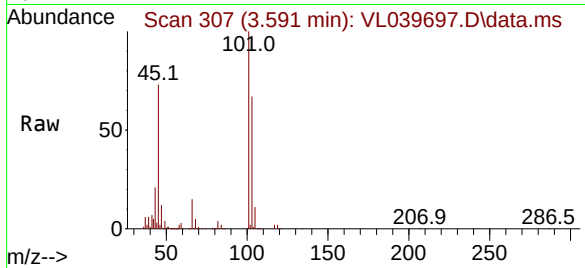




#19
Isopropyl Alcohol
Concen: 8.531 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.001 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

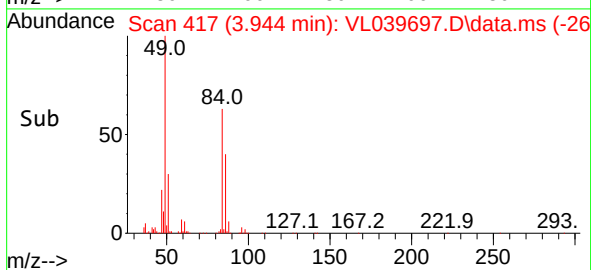
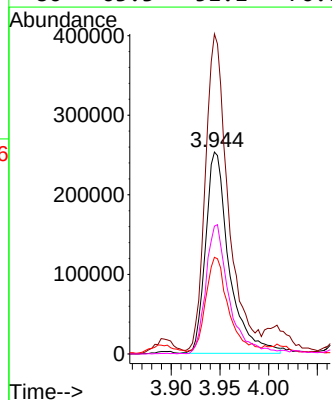
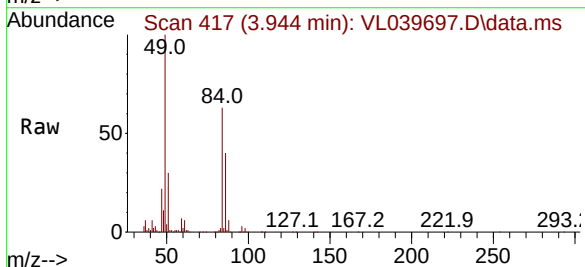
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

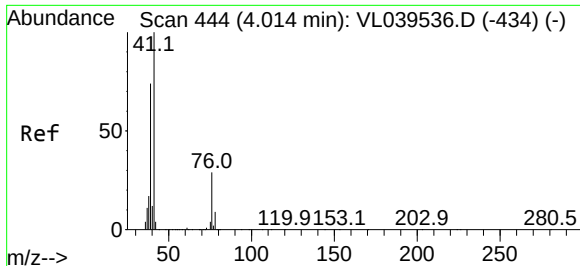
Tgt Ion: 45 Resp: 532803
Ion Ratio Lower Upper
45 100
58 4.0 3.2 4.8



#20
Methylene Chloride
Concen: 7.506 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 84 Resp: 425192
Ion Ratio Lower Upper
84 100
49 156.4 123.1 184.7
51 46.0 34.4 51.6
86 63.3 51.1 76.7

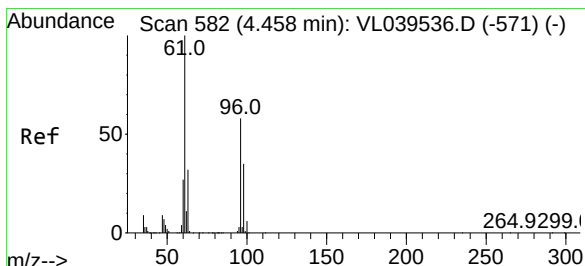
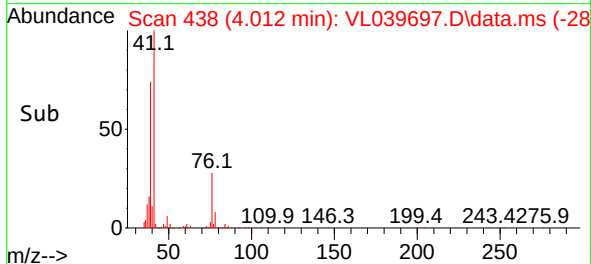
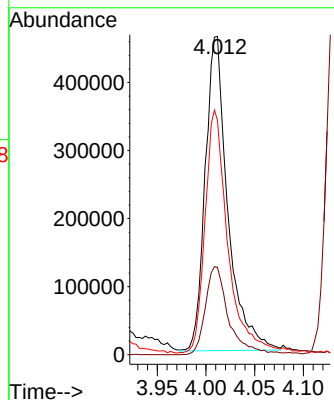
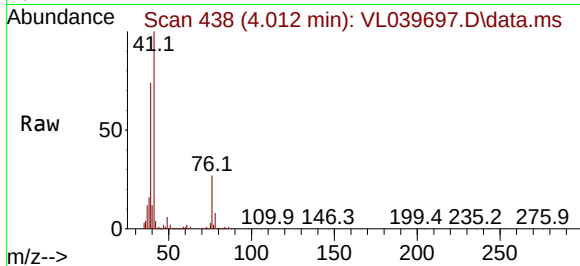




#21
 Allyl Chloride
 Concen: 8.918 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

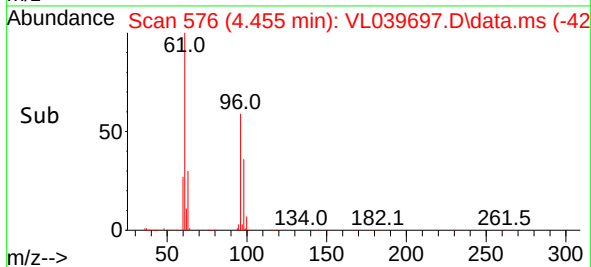
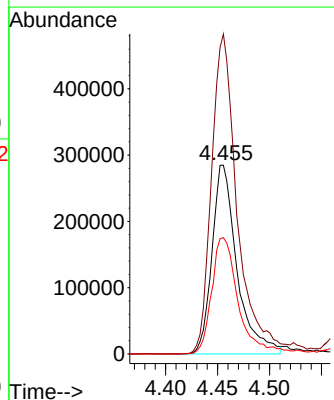
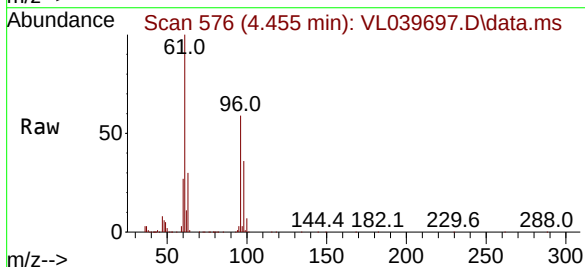
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

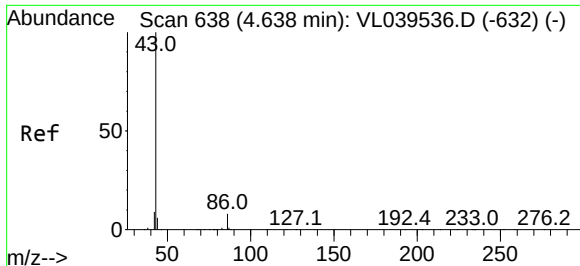
Tgt Ion: 41	Resp: 744051
Ion Ratio	Lower Upper
41	100
76	29.2 24.4 36.6
39	80.5 63.5 95.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.177 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. -0.003 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 96	Resp: 476944
Ion Ratio	Lower Upper
96	100
61	169.4 130.6 195.8
98	61.6 53.4 80.0

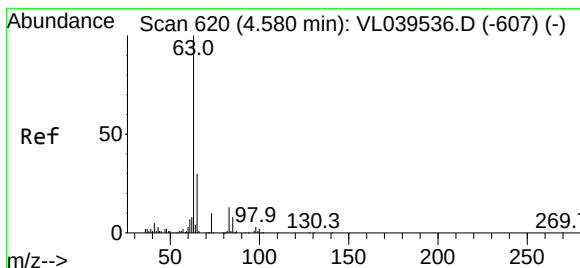
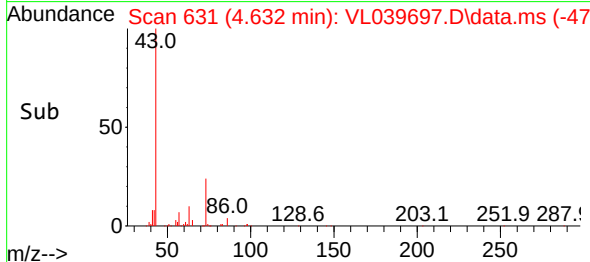
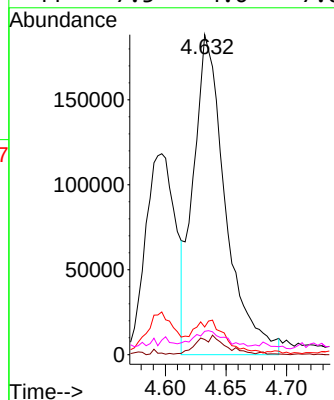
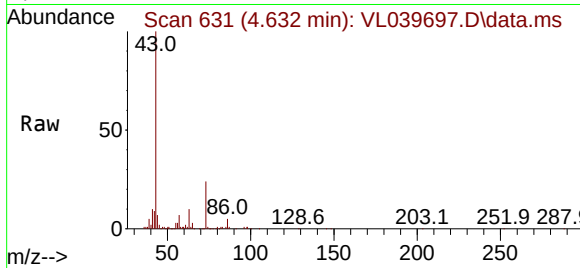




#23
 Vinyl Acetate
 Concen: 6.246 ppbv m
 RT: 4.632 min Scan# 613
 Delta R.T. -0.006 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

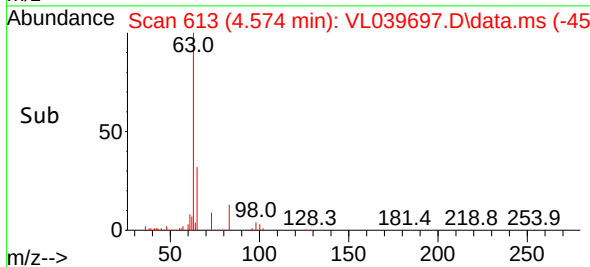
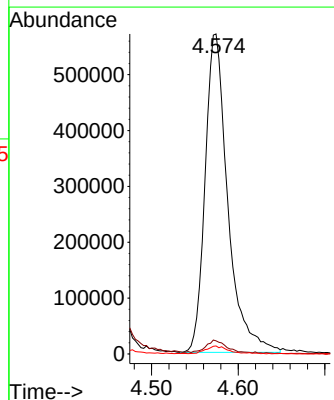
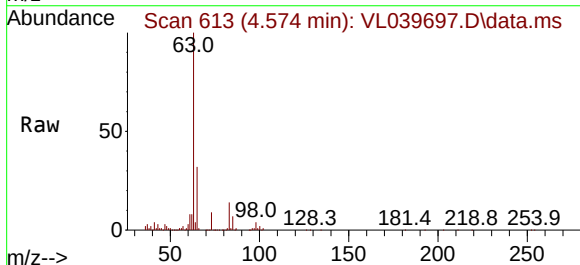
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

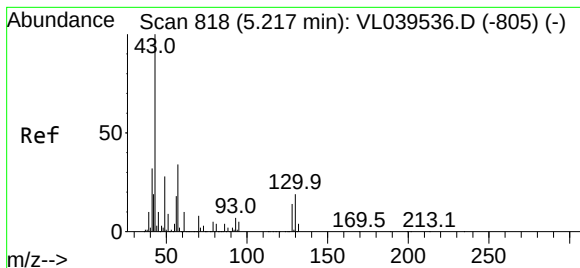
Tgt Ion:	43	Resp:	345956
Ion	Ratio	Lower	Upper
43	100		
86	4.8	5.0	7.6#
42	8.7	7.7	11.5
44	7.3	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 9.413 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. -0.006 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion:	63	Resp:	1038228
Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.3
100	2.4	1.5	4.4



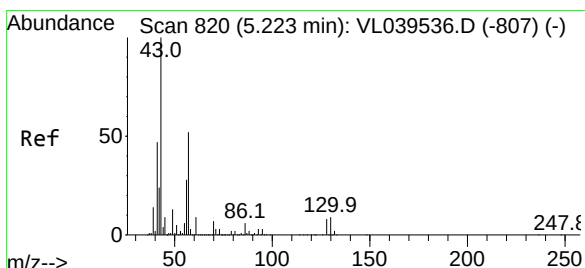
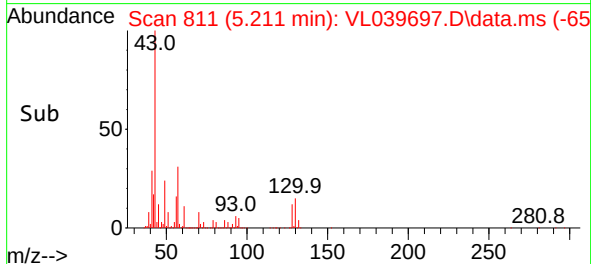
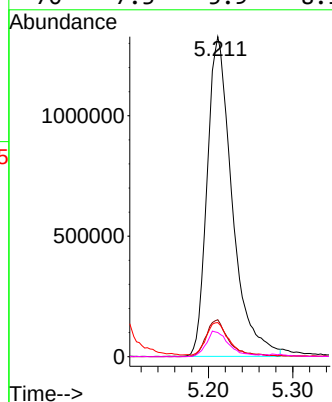
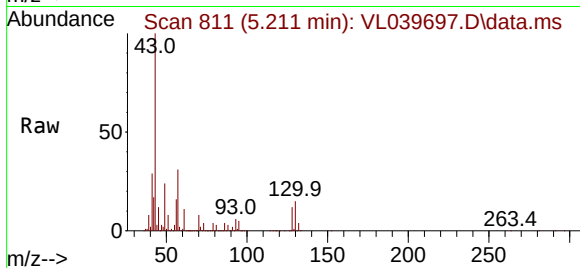


#25
Ethyl Acetate
Concen: 10.258 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2740608

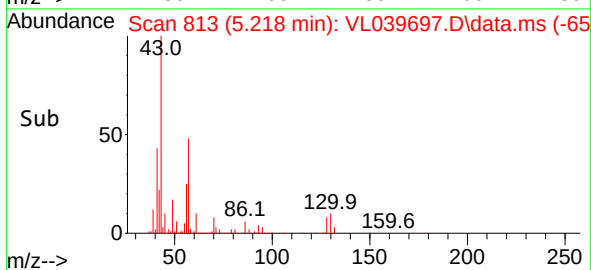
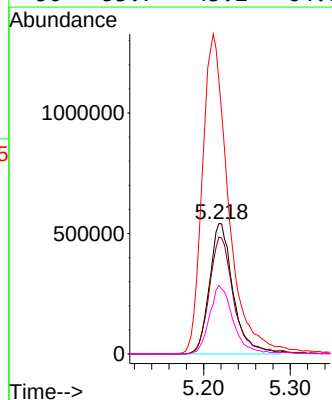
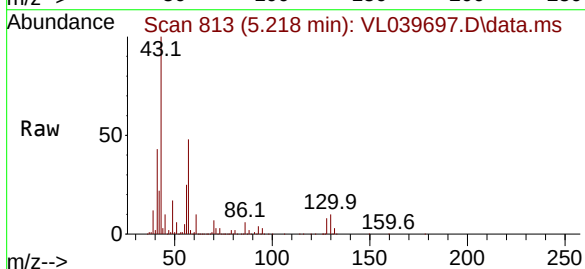
Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.2	12.4
61	10.7	8.3	12.5
70	7.3	5.9	8.9

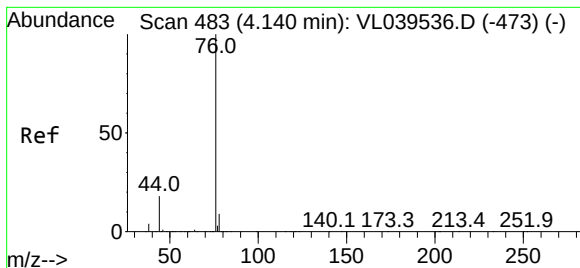


#26
Hexane
Concen: 9.019 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 57 Resp: 1022495

Ion	Ratio	Lower	Upper
57	100		
41	94.2	76.9	115.3
43	275.0	191.0	286.6
56	53.7	43.2	64.8

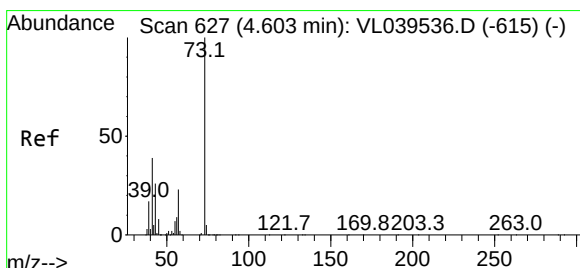
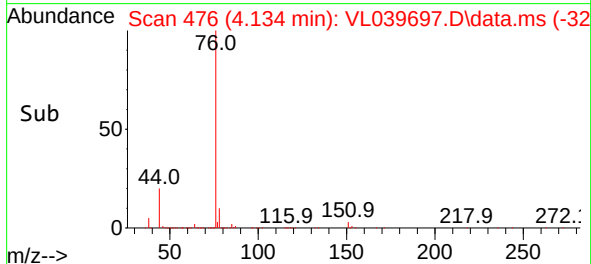
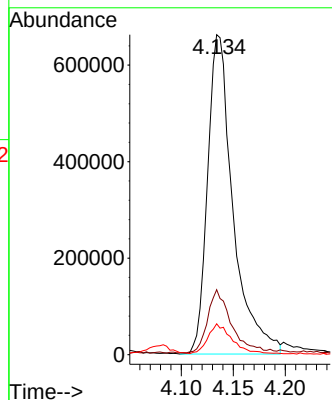
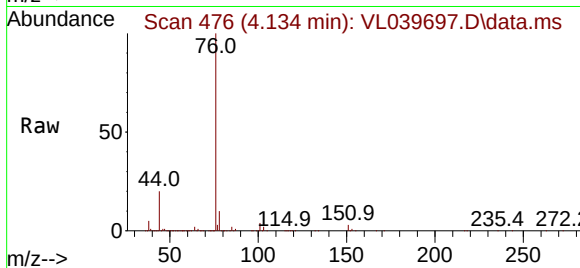




#27
Carbon Disulfide
Concen: 9.468 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

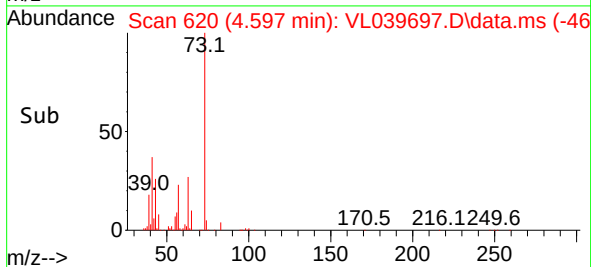
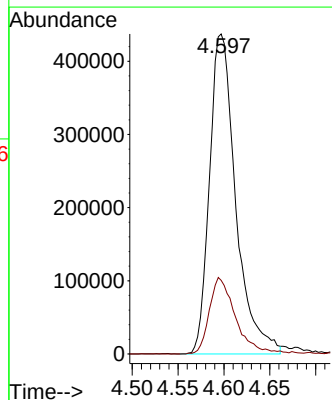
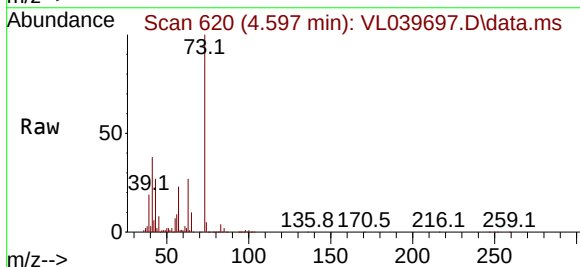
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

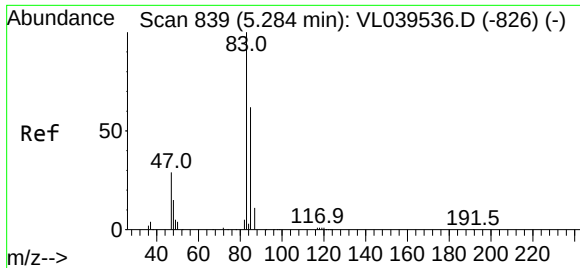
Tgt Ion: 76 Resp: 1128065
Ion Ratio Lower Upper
76 100
44 19.3 14.6 21.8
78 10.1 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.147 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 73 Resp: 871212
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.8

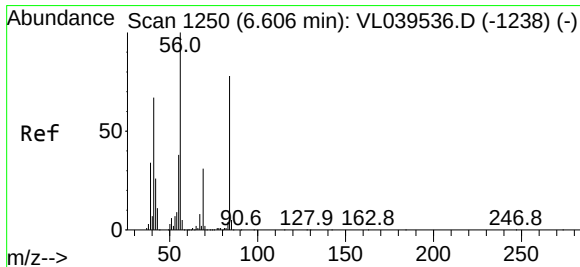
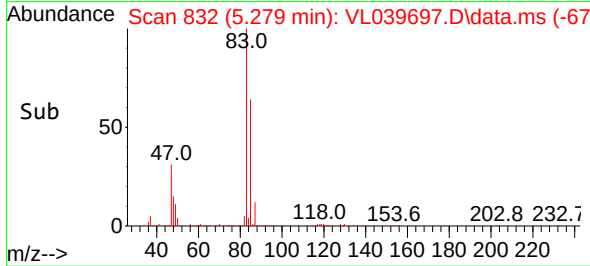
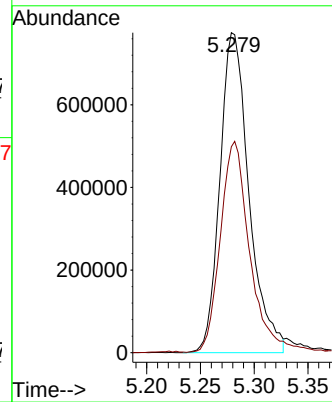
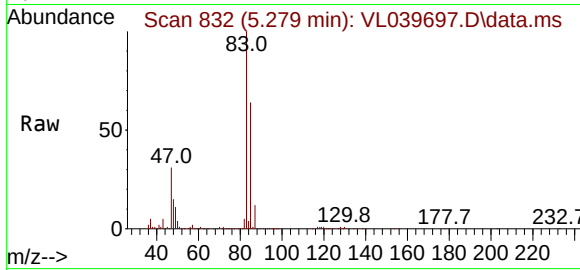




#29
Chloroform
Concen: 8.890 ppbv
RT: 5.279 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

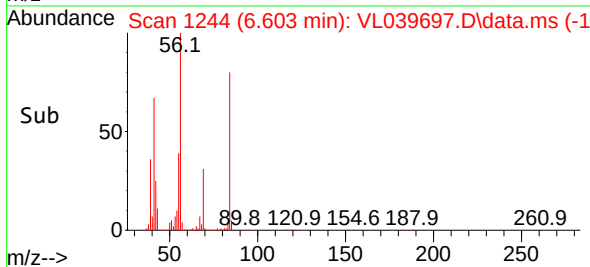
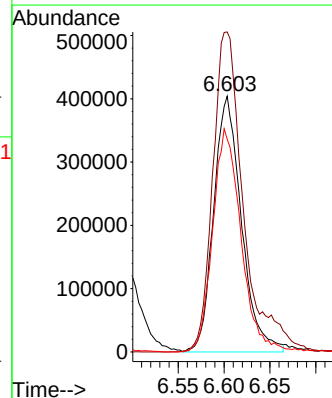
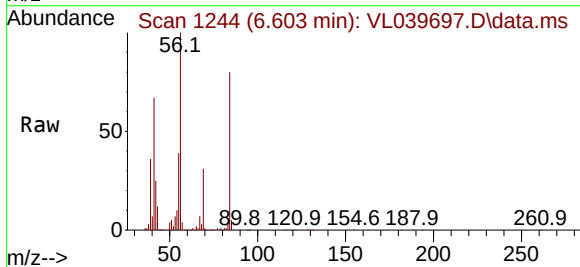
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

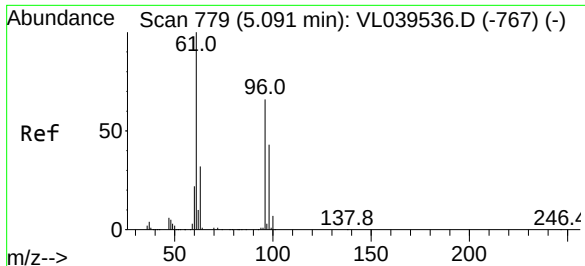
Tgt Ion: 83 Resp: 1455068
Ion Ratio Lower Upper
83 100
85 64.1 52.8 79.2



#30
Cyclohexane
Concen: 9.708 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 84 Resp: 852297
Ion Ratio Lower Upper
84 100
56 139.0 107.7 161.5
41 89.3 67.7 101.5

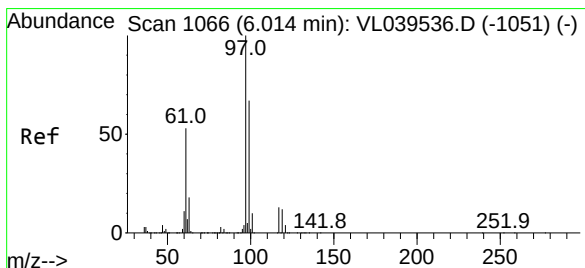
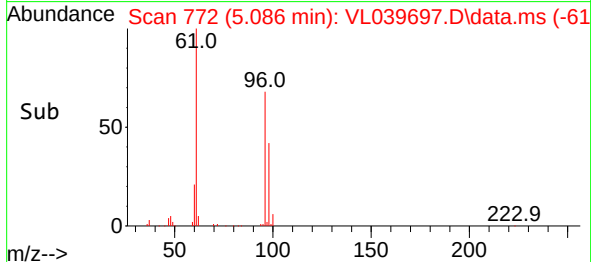
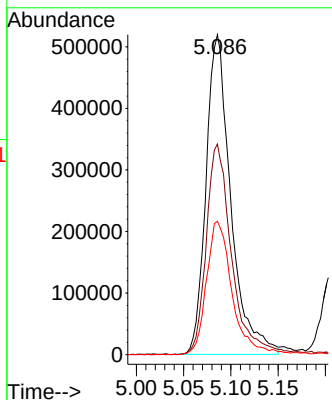
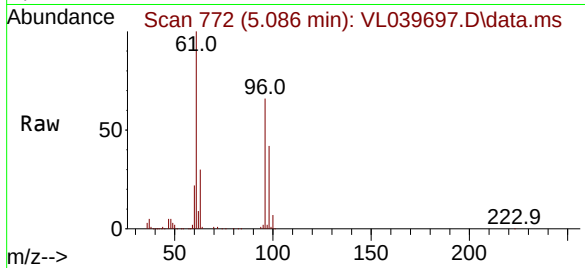




#31
 cis-1,2-Dichloroethene
 Concen: 9.229 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

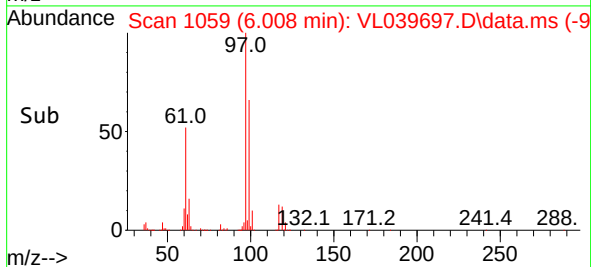
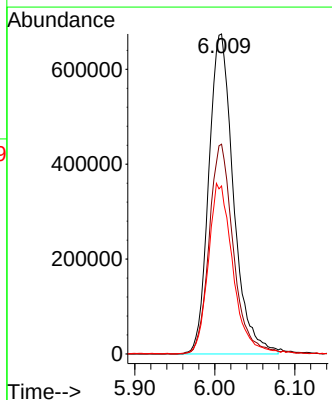
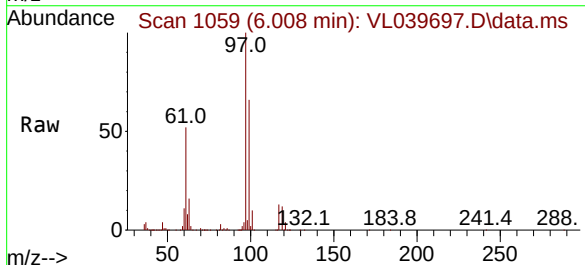
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

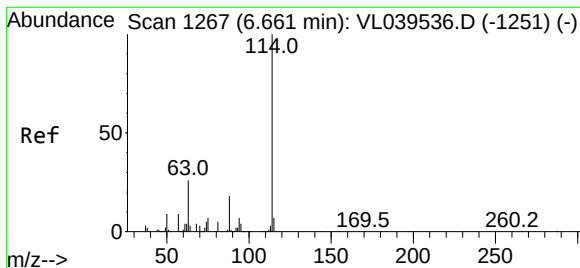
Tgt Ion: 61 Resp: 946319
 Ion Ratio Lower Upper
 61 100
 96 65.9 54.1 81.1
 98 41.8 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 9.757 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.006 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 97 Resp: 1445718
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.3 78.5
 61 53.6 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

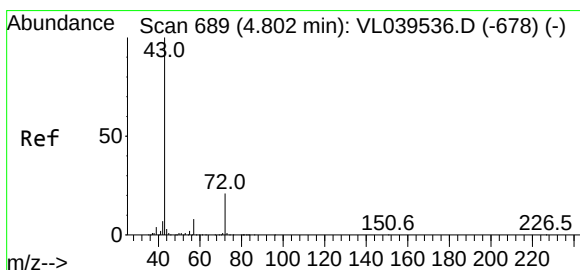
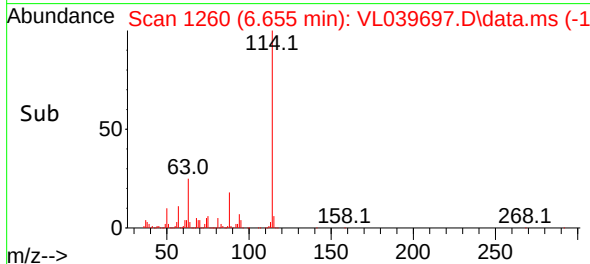
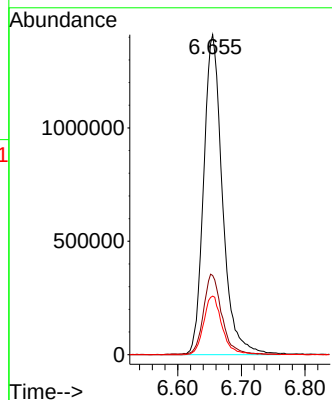
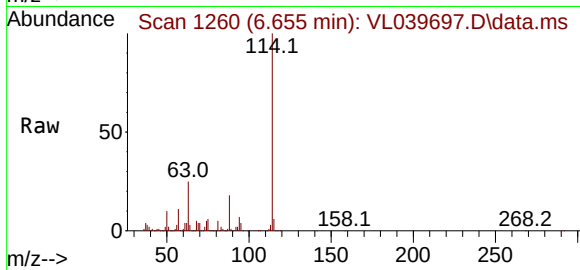
Tgt Ion:114 Resp: 2896789

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.4

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 8.689 ppbv

RT: 4.796 min Scan# 682

Delta R.T. -0.006 min

Lab File: VL039697.D

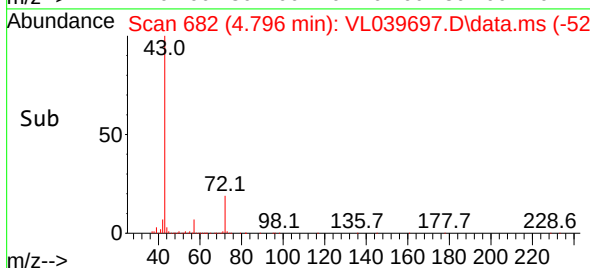
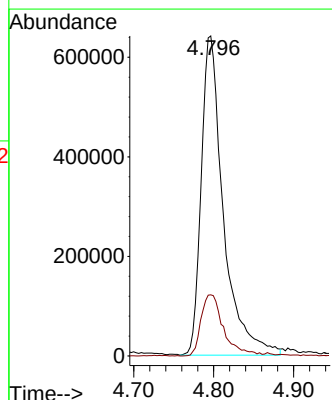
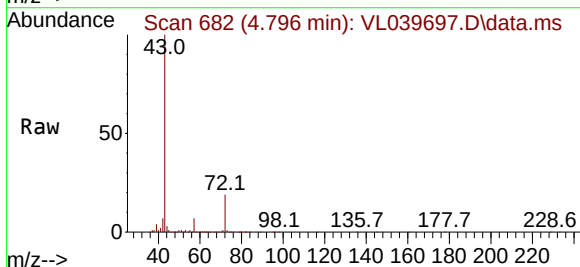
Acq: 10 Oct 2022 15:02

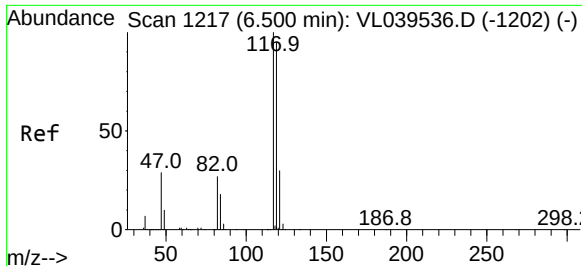
Tgt Ion: 43 Resp: 1236378

Ion Ratio Lower Upper

43 100

72 20.4 17.9 26.9

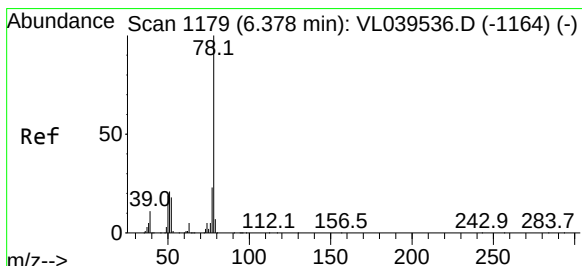
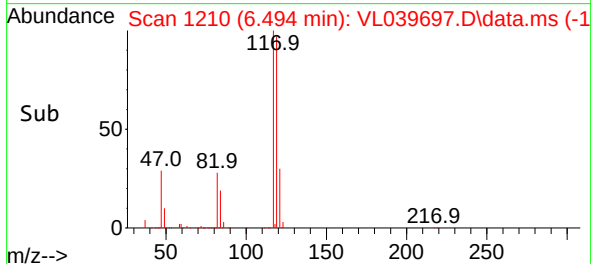
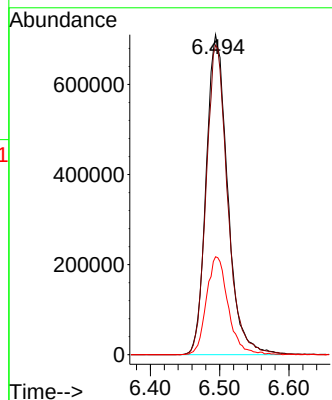
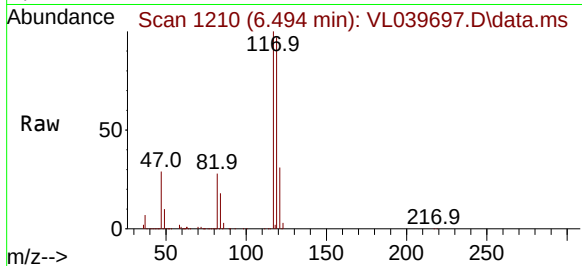




#35
Carbon Tetrachloride
Concen: 9.941 ppbv
RT: 6.494 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

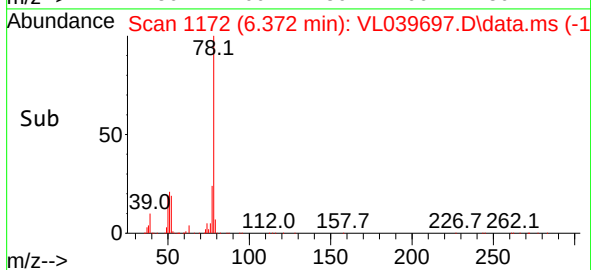
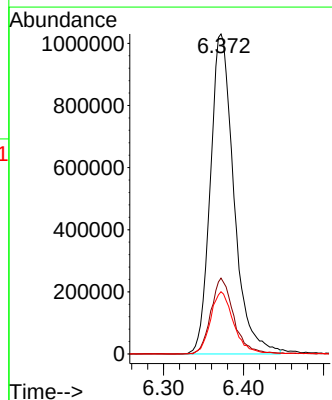
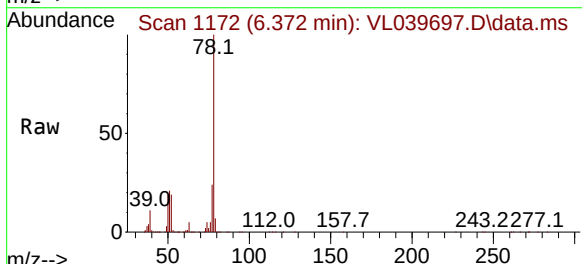
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

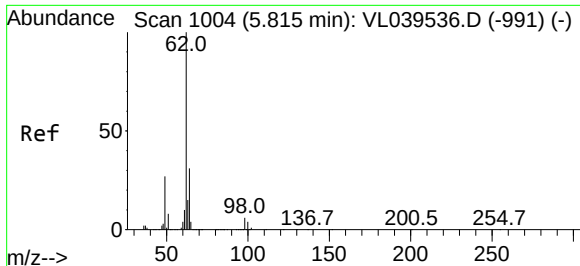
Tgt Ion:117 Resp: 1528691
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.2
121 30.6 24.2 36.2



#36
Benzene
Concen: 9.509 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 78 Resp: 2106019
Ion Ratio Lower Upper
78 100
77 23.7 20.3 30.5
50 19.4 15.5 23.3

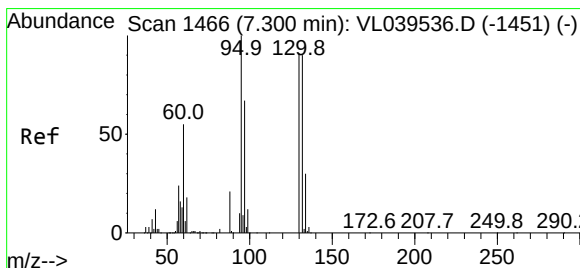
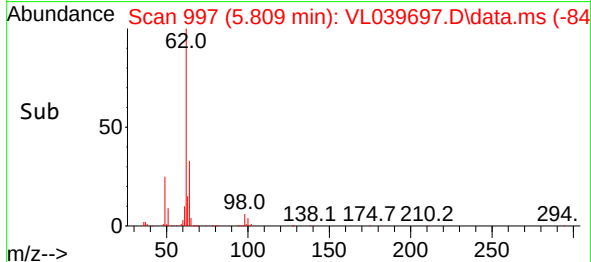
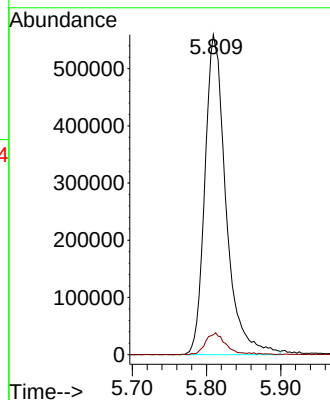
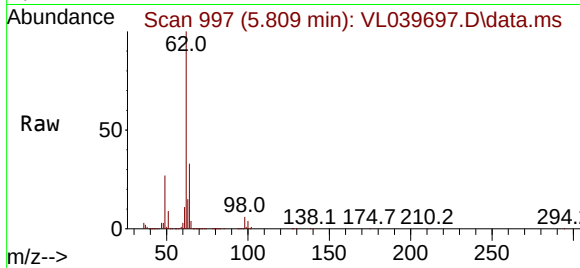




#37
1,2-Dichloroethane
Concen: 9.141 ppbv
RT: 5.809 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

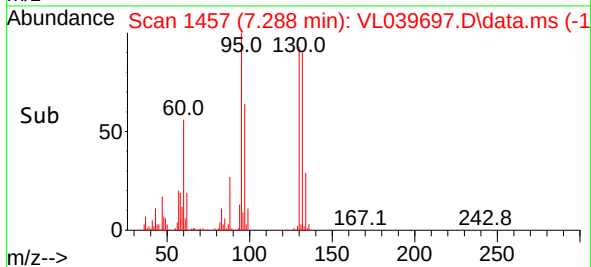
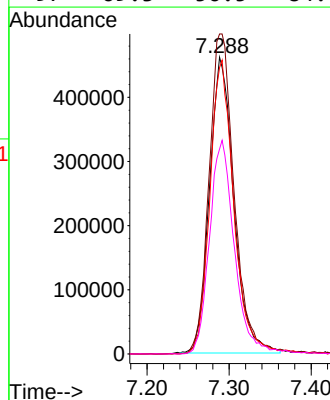
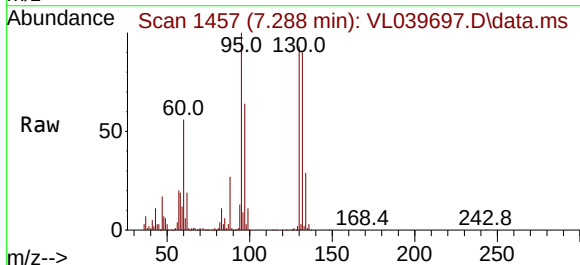
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

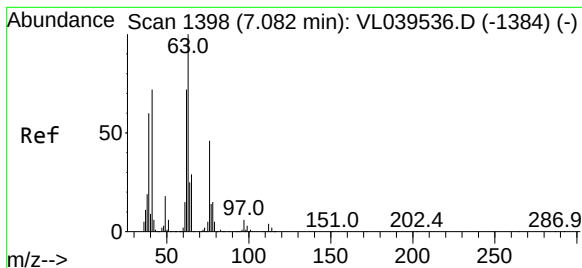
Tgt Ion: 62 Resp: 1101816
Ion Ratio Lower Upper
62 100
98 6.9 5.1 7.7



#38
Trichloroethene
Concen: 7.930 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion:130 Resp: 949163
Ion Ratio Lower Upper
130 100
95 108.1 87.3 130.9
132 96.8 76.7 115.1
97 69.3 56.5 84.7

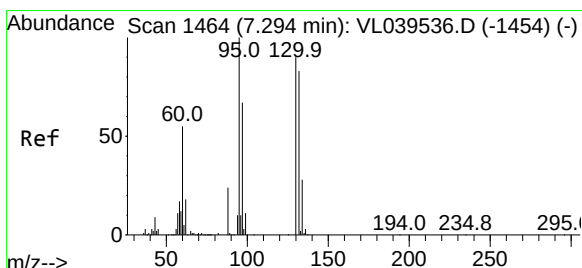
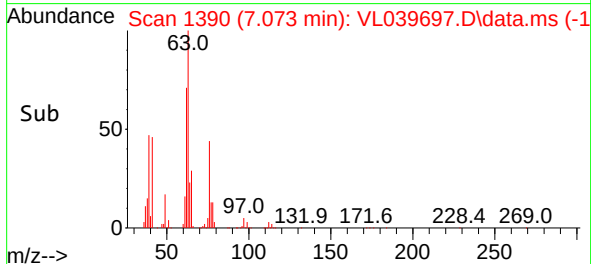
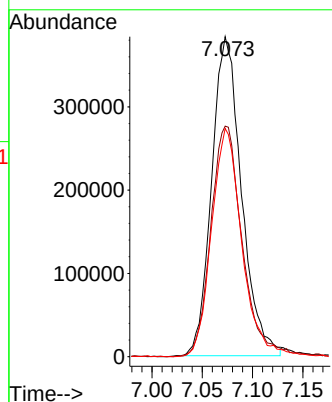
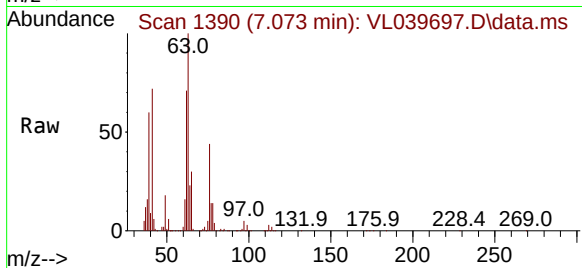




#39
1,2-Dichloropropane
Concen: 9.224 ppbv
RT: 7.073 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

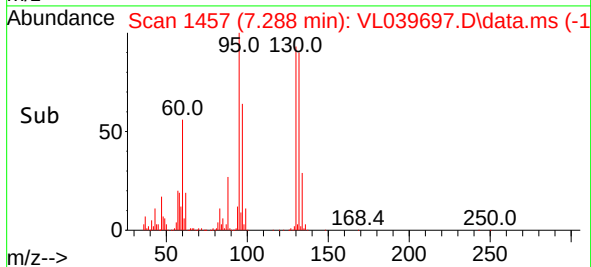
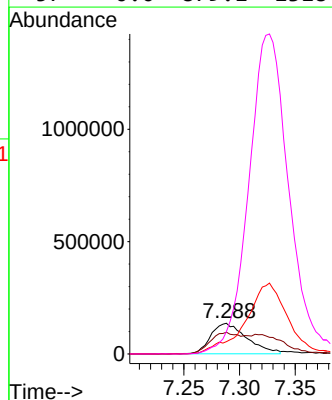
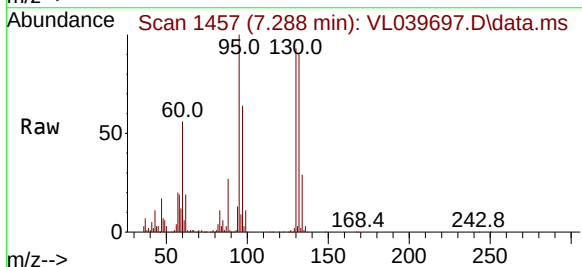
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

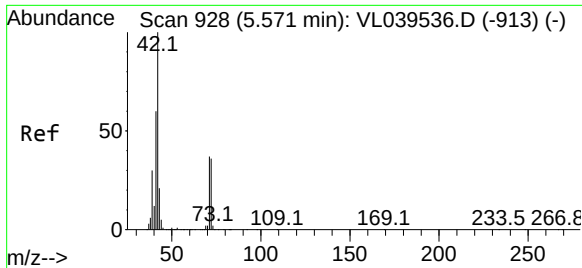
Tgt Ion: 63 Resp: 788851
Ion Ratio Lower Upper
63 100
41 71.9 59.6 89.4
62 71.4 51.4 77.0



#40
1,4-Dioxane
Concen: 8.739 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 88 Resp: 305155
Ion Ratio Lower Upper
88 100
58 128.1 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#

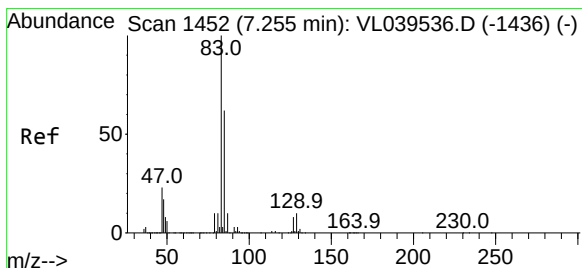
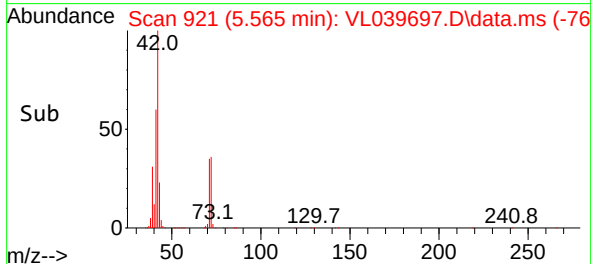
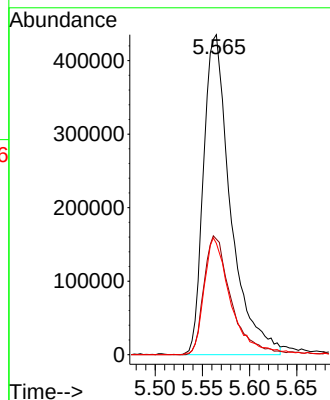
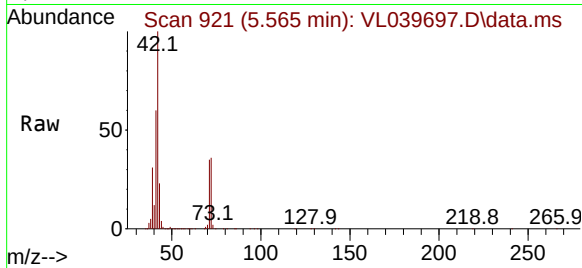




#41
Tetrahydrofuran
Concen: 9.950 ppbv
RT: 5.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

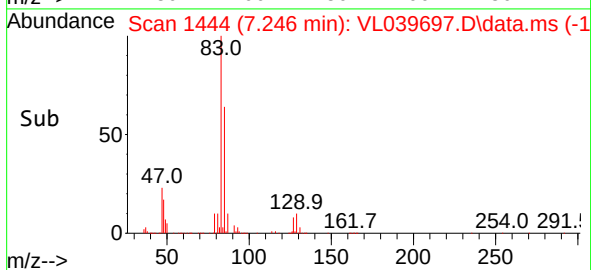
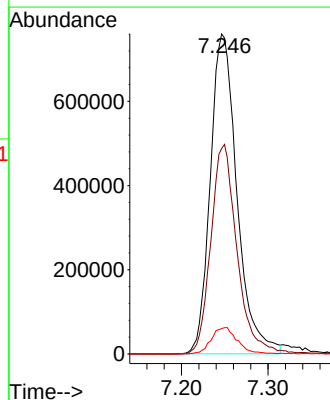
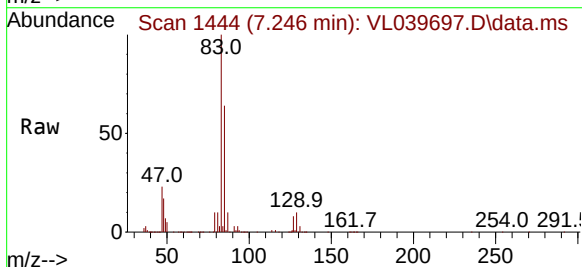
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

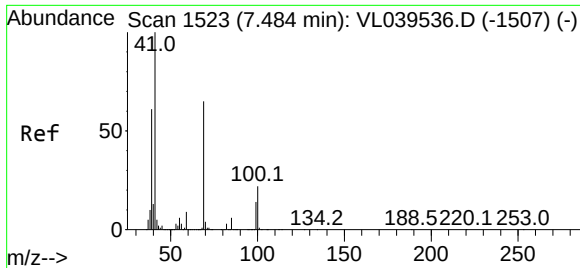
Tgt Ion:	42	Resp:	868559
Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.8	47.8
71	36.7	31.8	47.8



#42
Bromodichloromethane
Concen: 9.707 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion:	83	Resp:	1627476
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.7	76.1
127	8.0	6.6	9.8

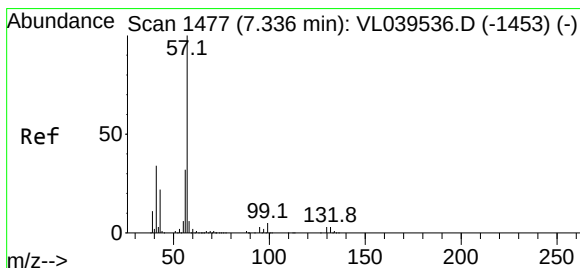
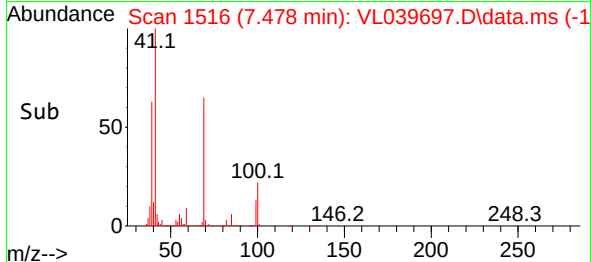
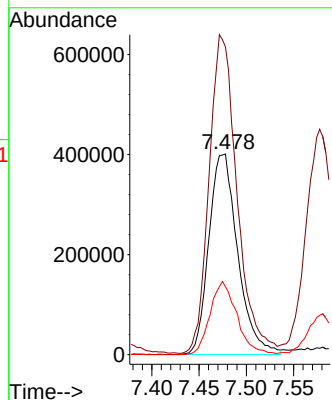
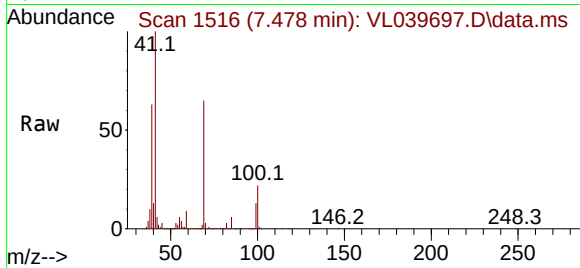




#43
Methyl Methacrylate
Concen: 10.569 ppbv
RT: 7.478 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

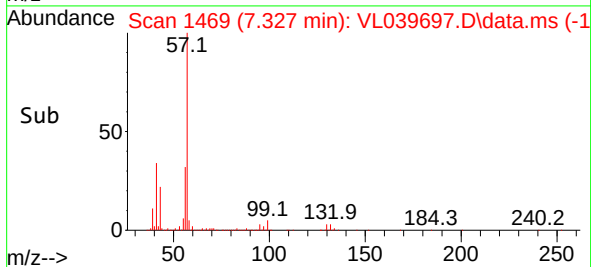
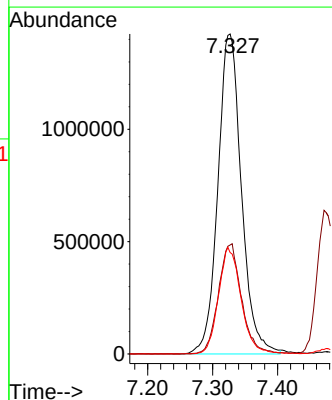
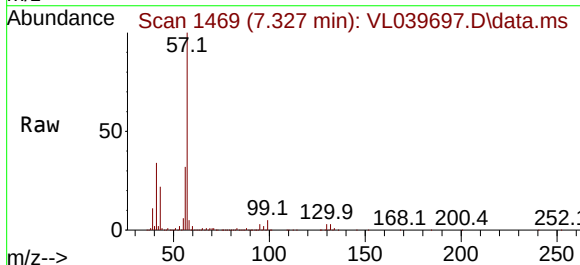
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

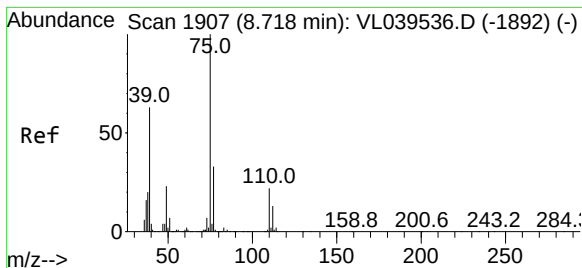
Tgt Ion: 69 Resp: 853255
Ion Ratio Lower Upper
69 100
41 154.7 120.8 181.2
100 34.1 27.8 41.6



#44
2,2,4-Trimethylpentane
Concen: 9.375 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 57 Resp: 3578527
Ion Ratio Lower Upper
57 100
41 33.8 27.4 41.2
56 32.1 24.5 36.7

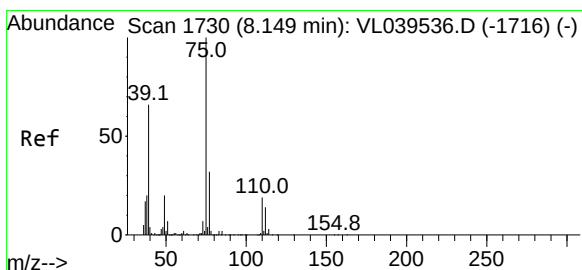
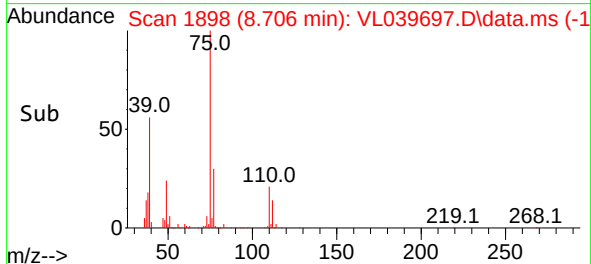
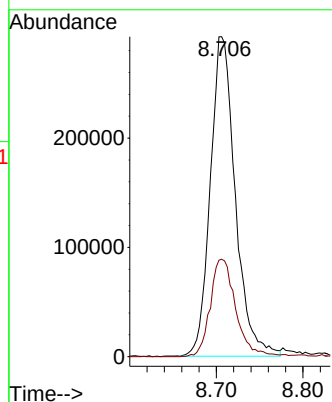
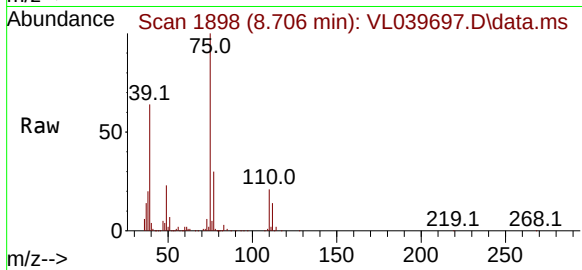




#45
 t-1,3-Dichloropropene
 Concen: 8.595 ppbv
 RT: 8.706 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

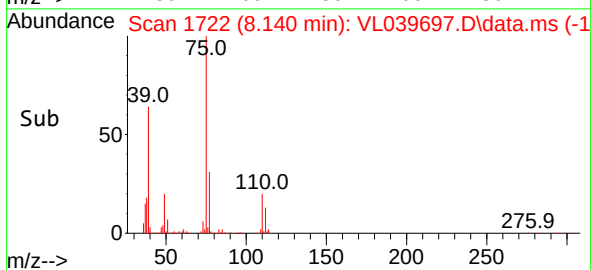
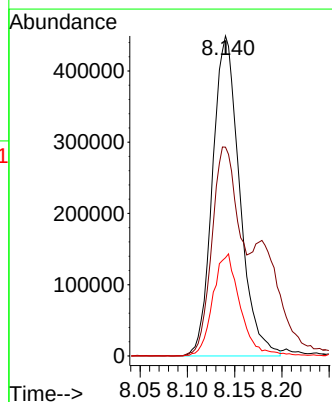
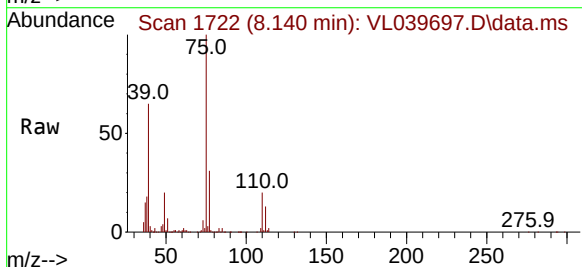
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

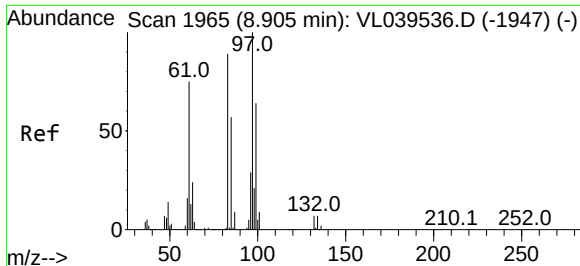
Tgt Ion: 75 Resp: 586335
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 36.8



#46
 cis-1,3-Dichloropropene
 Concen: 9.228 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. -0.009 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 75 Resp: 896238
 Ion Ratio Lower Upper
 75 100
 39 65.2 55.0 82.4
 77 30.7 25.7 38.5



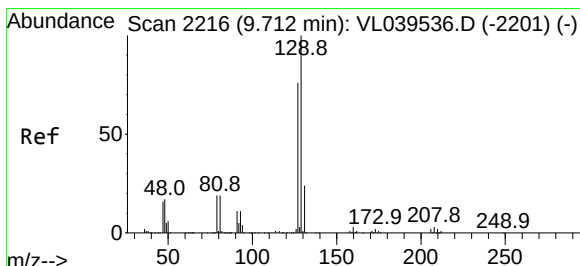
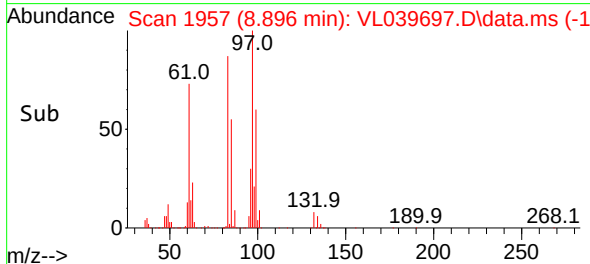
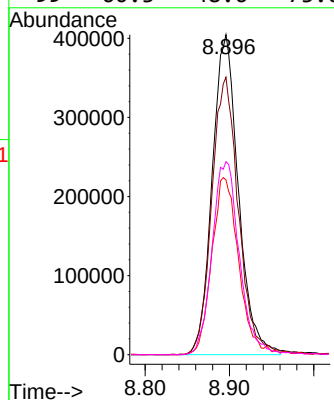
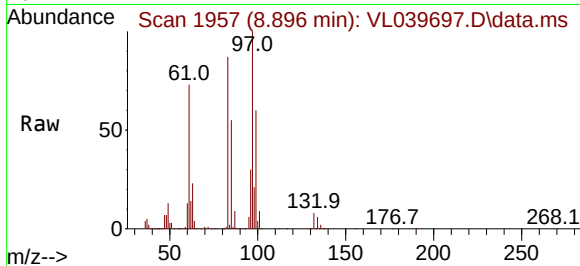


#47
1,1,2-Trichloroethane
Concen: 9.319 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 871100

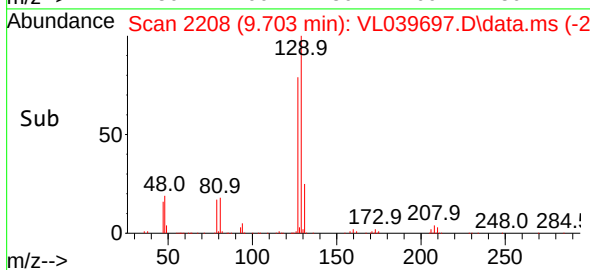
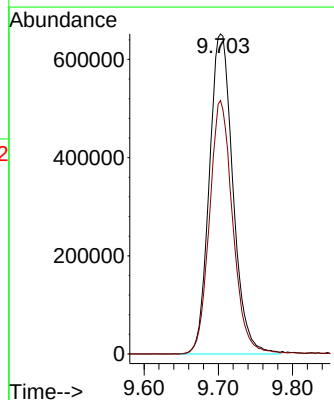
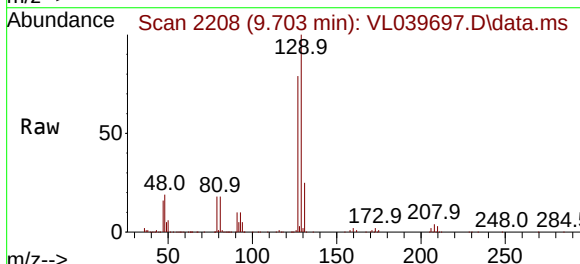
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.4	101.0
85	54.6	45.1	67.7
99	60.3	48.6	73.0

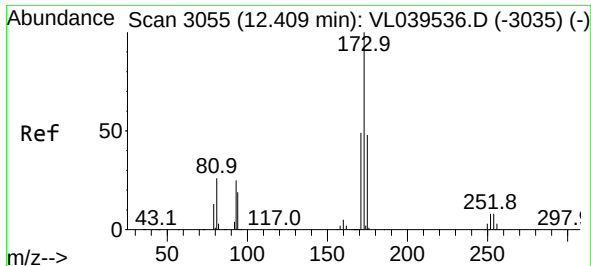


#48
Dibromochloromethane
Concen: 10.247 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 129 Resp: 1442324

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.9

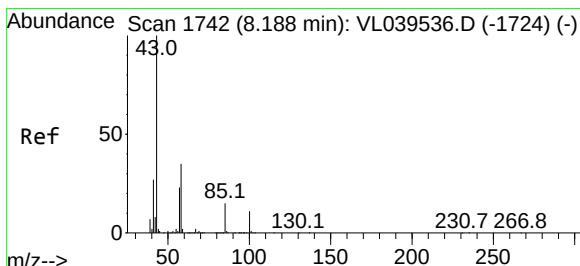
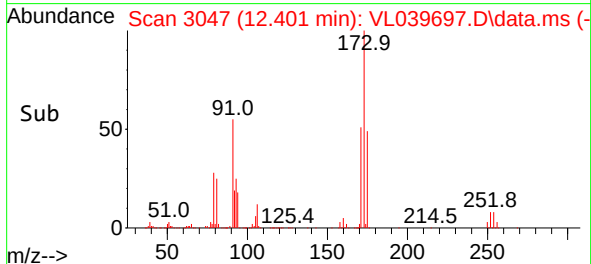
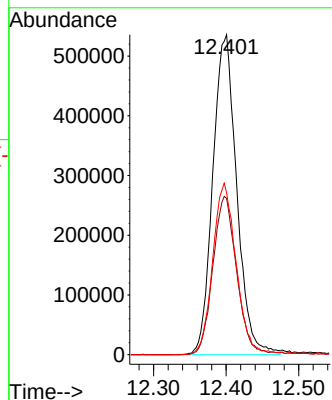
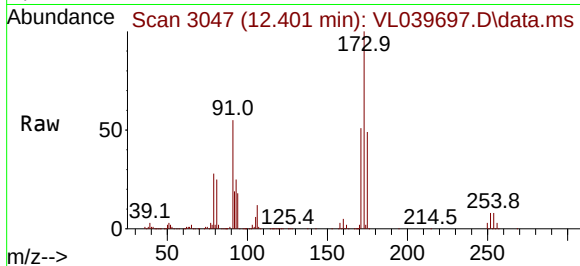




#49
Bromoform
Concen: 10.541 ppbv
RT: 12.401 min Scan# 3055
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

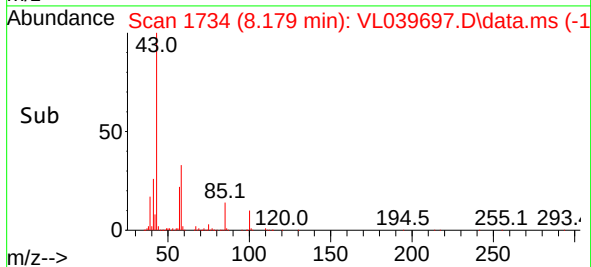
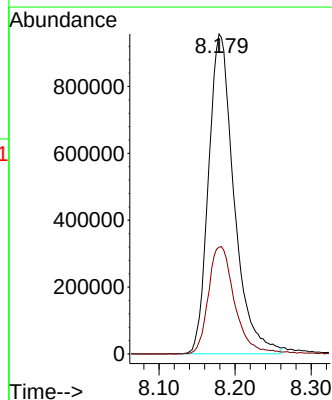
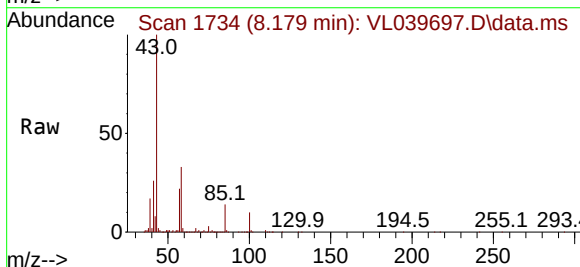
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

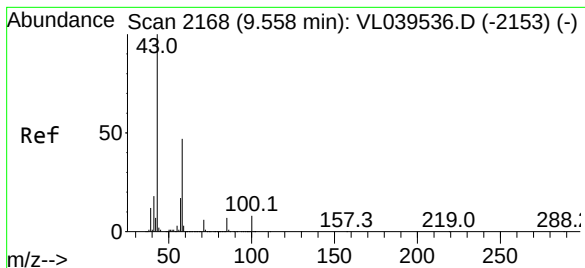
Tgt Ion:173 Resp: 1227249
Ion Ratio Lower Upper
173 100
175 50.1 40.3 60.5
171 53.2 42.9 64.3



#50
4-Methyl-2-Pentanone
Concen: 9.960 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 43 Resp: 2226906
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2

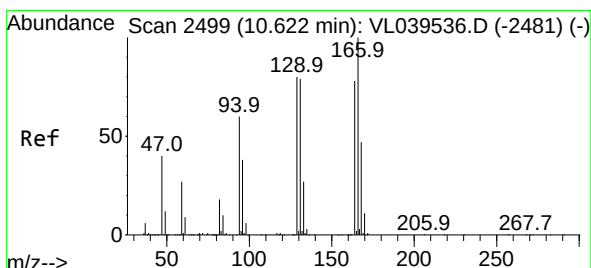
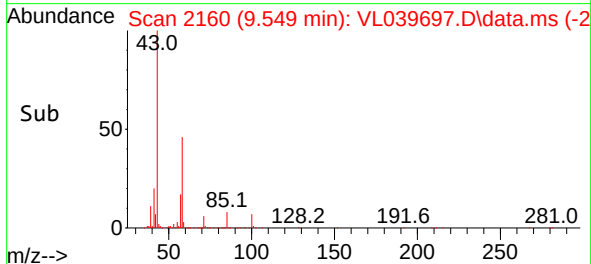
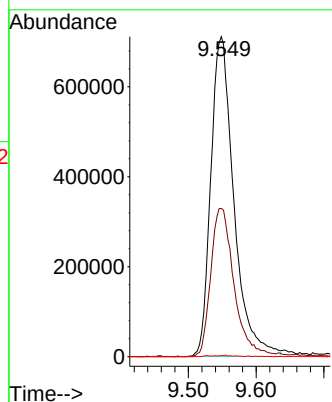
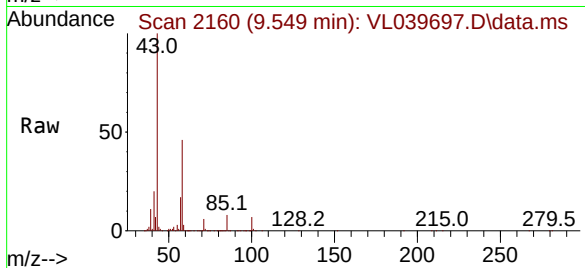




#51
2-Hexanone
Concen: 10.158 ppbv
RT: 9.549 min Scan# 2168
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

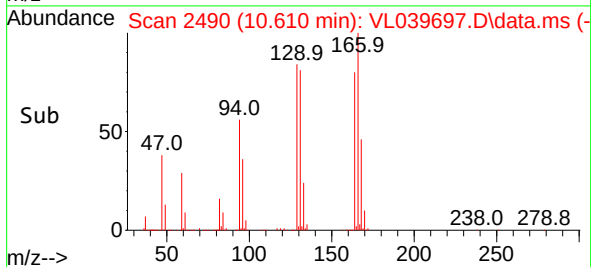
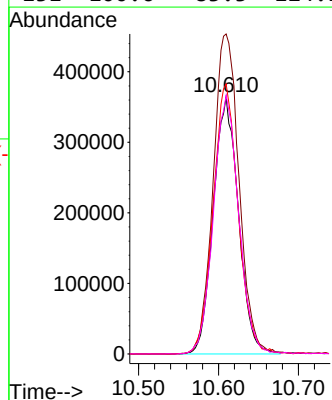
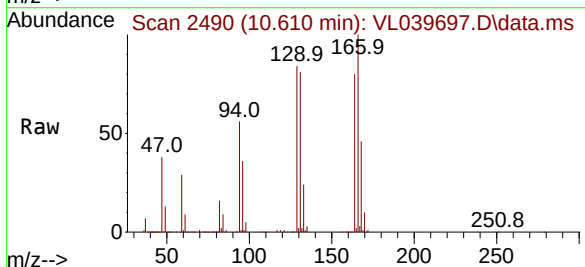
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

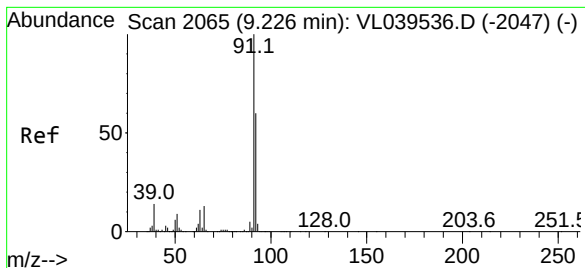
Tgt Ion: 43 Resp: 1681171
Ion Ratio Lower Upper
43 100
58 48.1 38.4 57.6
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.385 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion:164 Resp: 792936
Ion Ratio Lower Upper
164 100
166 124.5 102.2 153.2
129 105.1 85.8 128.8
131 100.6 83.3 124.9





#53

Toluene

Concen: 10.006 ppbv

RT: 9.217 min Scan# 2065

Delta R.T. -0.009 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

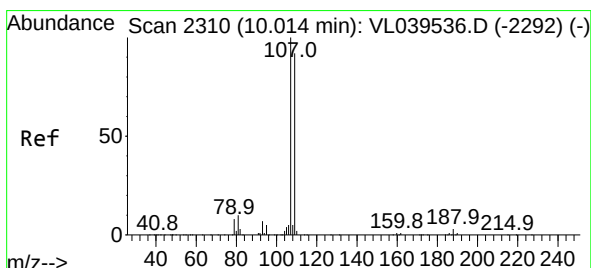
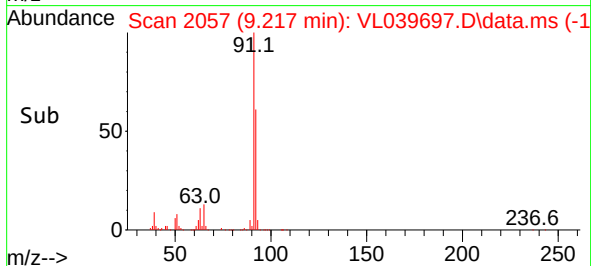
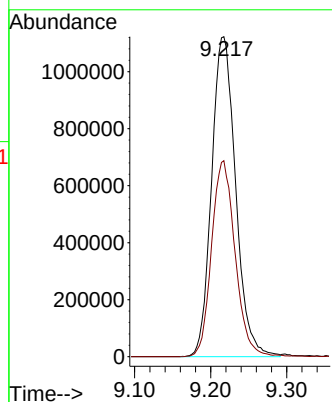
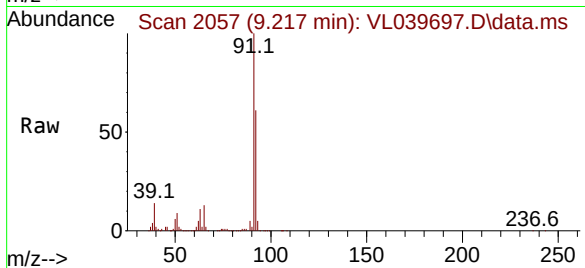
VSTDCCC010

Tgt Ion: 91 Resp: 2464678

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.2



#54

1,2-Dibromoethane

Concen: 11.205 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. -0.012 min

Lab File: VL039697.D

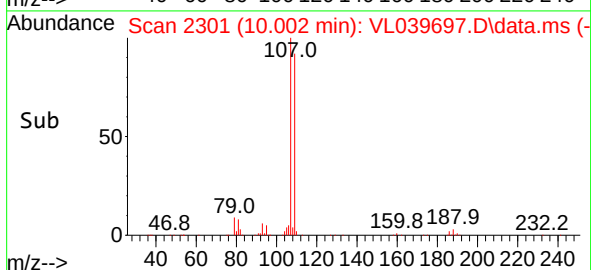
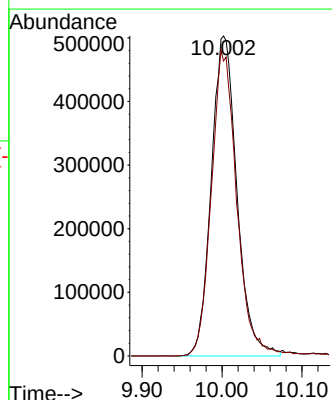
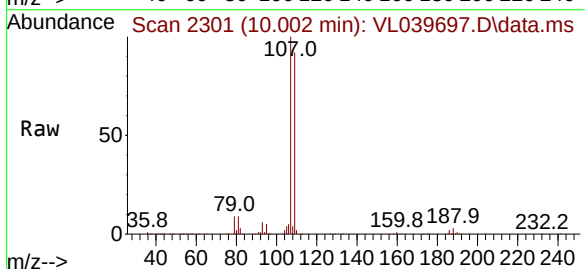
Acq: 10 Oct 2022 15:02

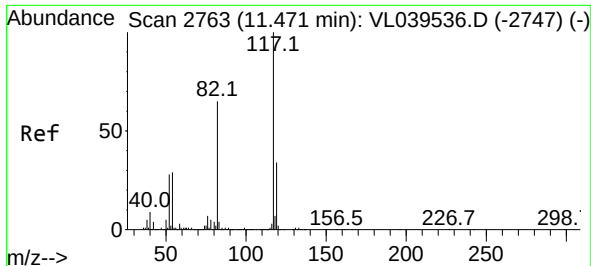
Tgt Ion: 107 Resp: 1120538

Ion Ratio Lower Upper

107 100

109 92.1 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.462 min Scan# 2763

Delta R.T. -0.009 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

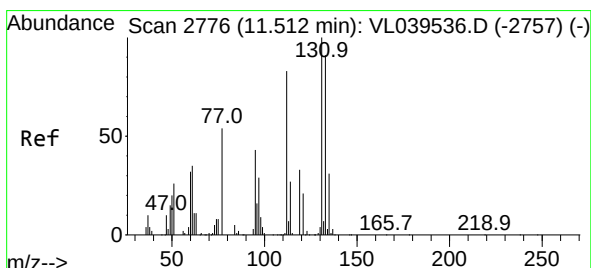
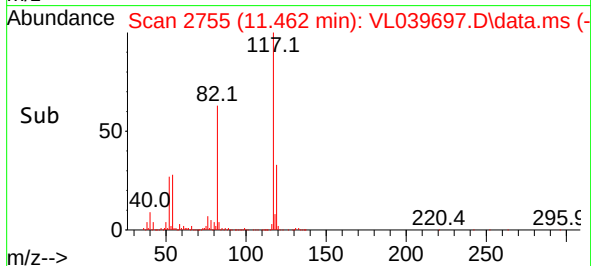
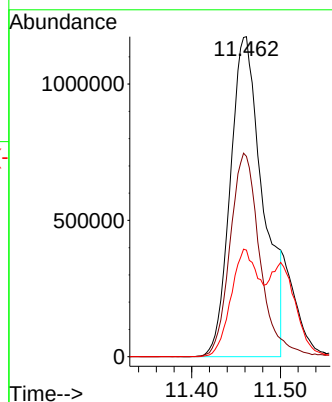
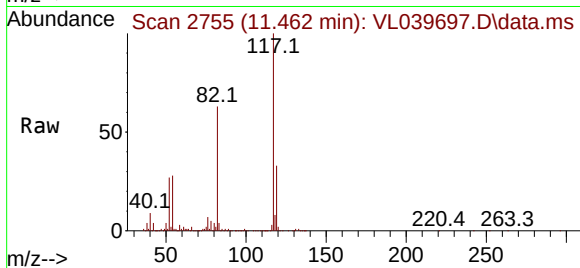
Tgt Ion:117 Resp: 2979554

Ion Ratio Lower Upper

117 100

82 59.6 50.8 76.2

119 29.0 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 9.260 ppbv

RT: 11.500 min Scan# 2767

Delta R.T. -0.012 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

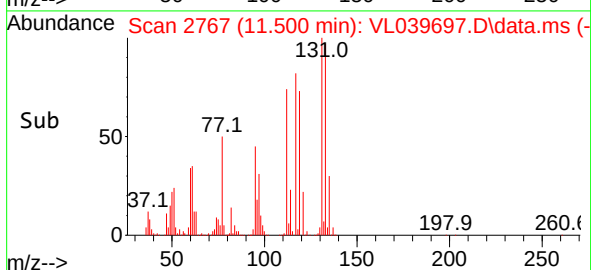
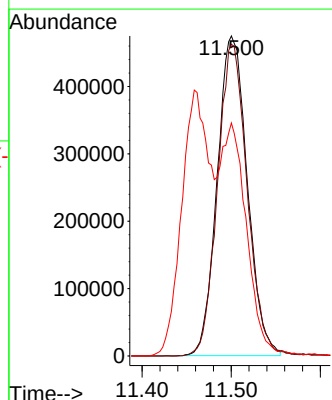
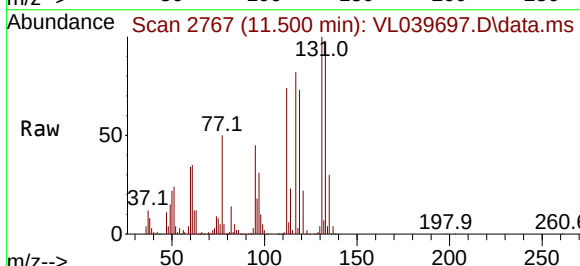
Tgt Ion:131 Resp: 1114939

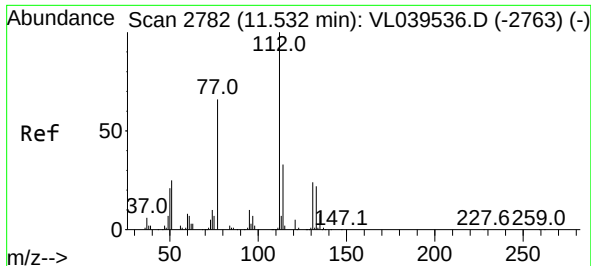
Ion Ratio Lower Upper

131 100

133 96.6 76.8 115.2

119 57.1 46.2 69.4

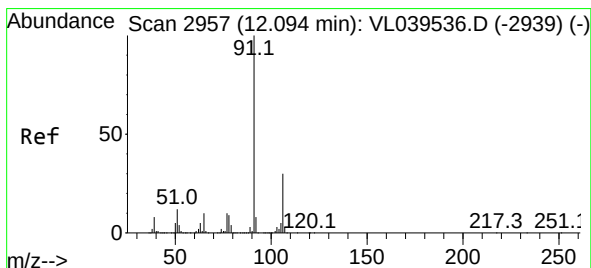
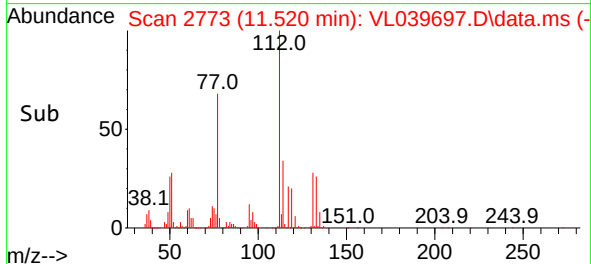
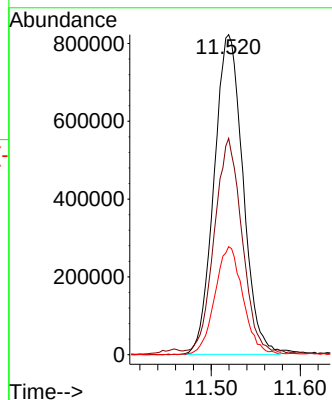
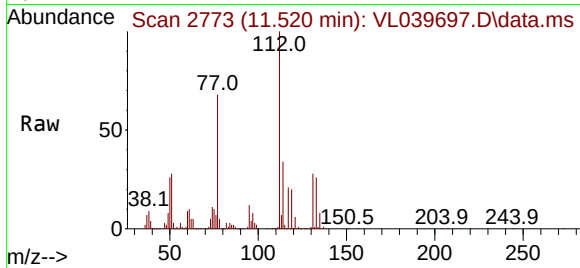




#57
Chlorobenzene
Concen: 8.448 ppbv
RT: 11.520 min Scan# 21
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

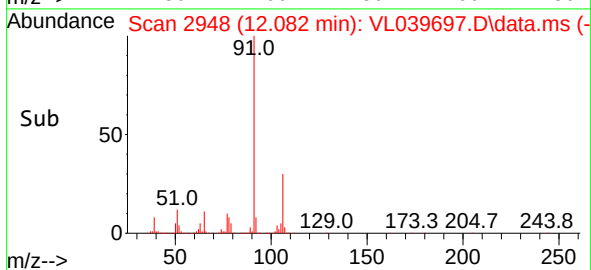
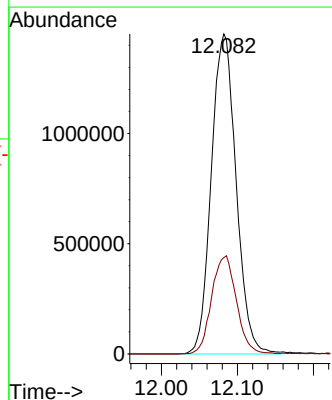
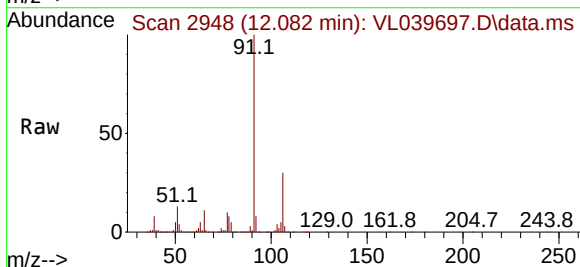
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

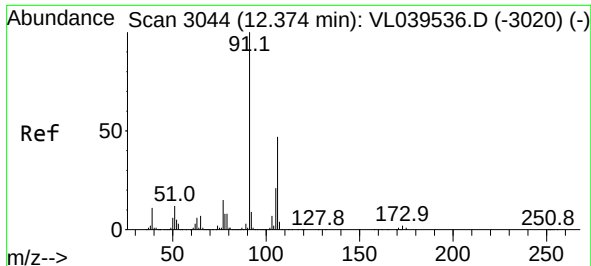
Tgt Ion:112 Resp: 1850873
Ion Ratio Lower Upper
112 100
77 66.4 51.0 76.4
114 33.7 27.5 33.6#



#58
Ethyl Benzene
Concen: 9.577 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 91 Resp: 3290233
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.0





#59

m/p-Xylene

Concen: 18.017 ppbv m

RT: 12.365 min Scan# 3044

Delta R.T. -0.009 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

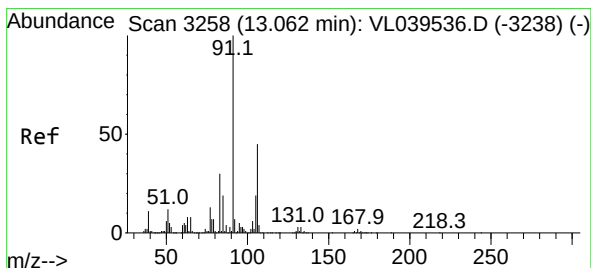
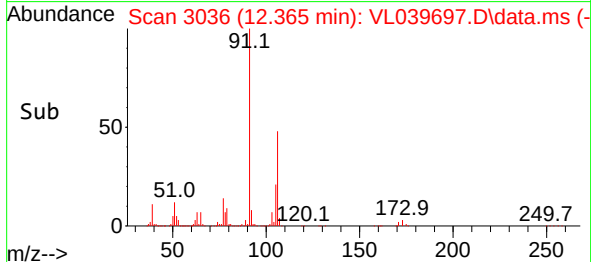
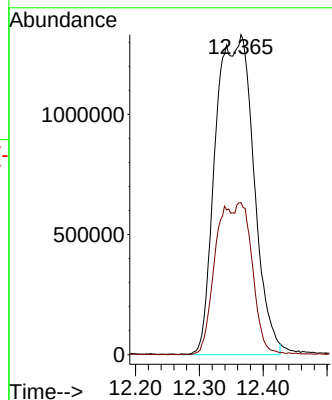
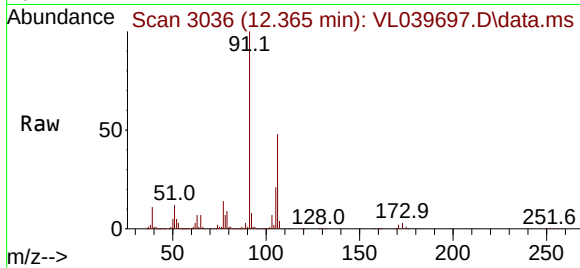
VSTDCCC010

Tgt Ion: 91 Resp: 5508292

Ion Ratio Lower Upper

91 100

106 45.6 35.4 53.2



#60

o-Xylene

Concen: 9.146 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.012 min

Lab File: VL039697.D

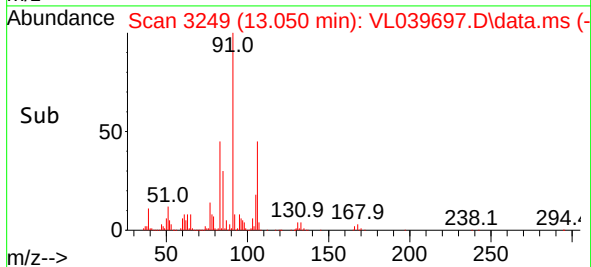
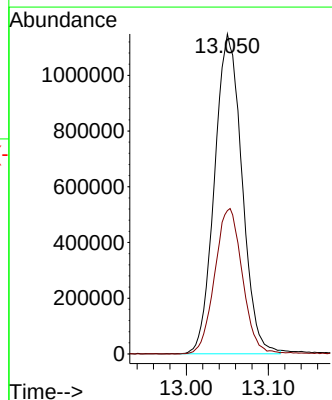
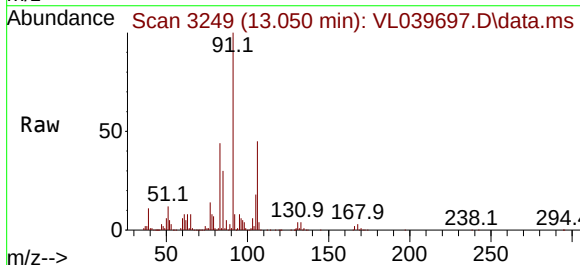
Acq: 10 Oct 2022 15:02

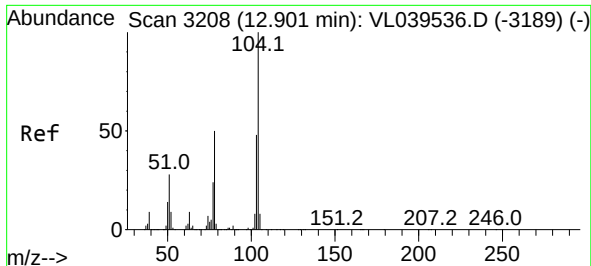
Tgt Ion: 91 Resp: 2670288

Ion Ratio Lower Upper

91 100

106 46.1 22.4 67.3

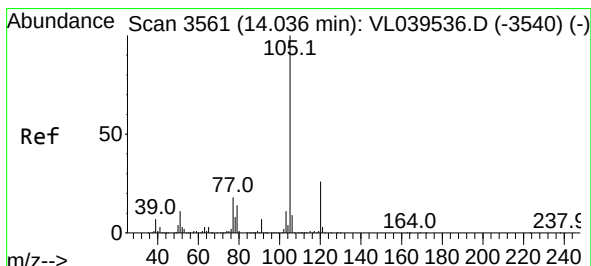
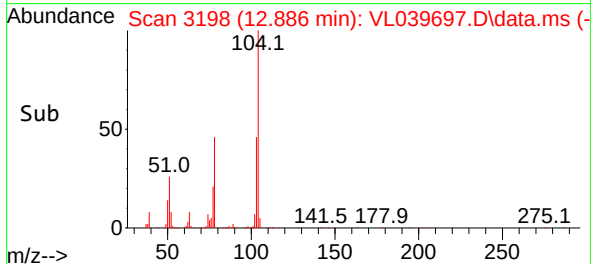
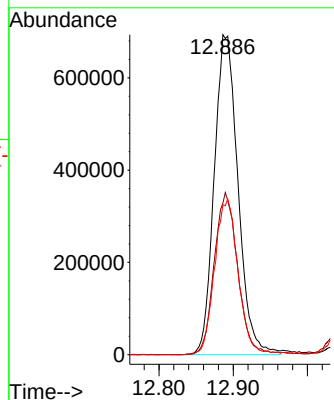
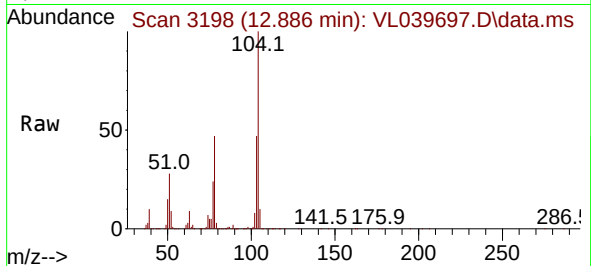




#61
Styrene
Concen: 9.808 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.015 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

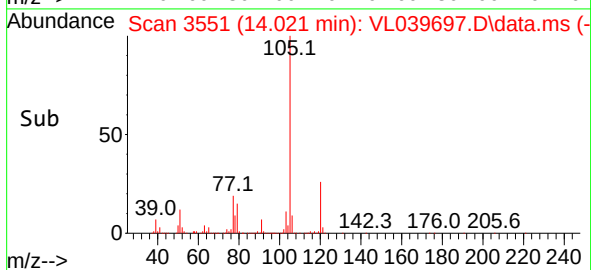
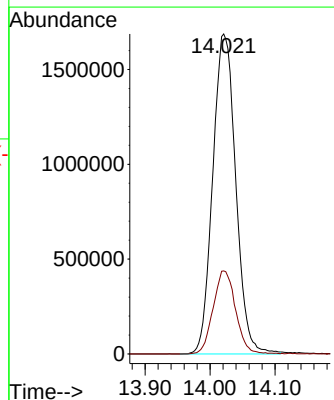
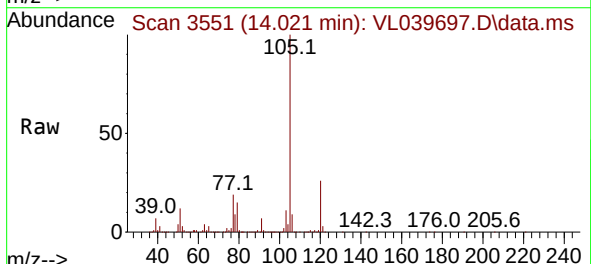
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

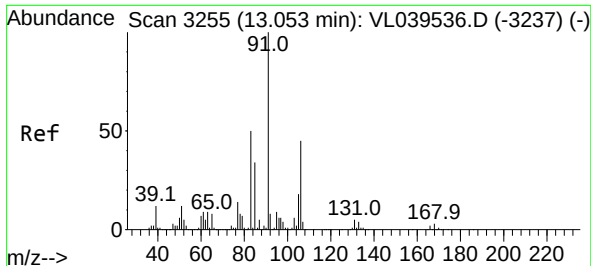
Tgt Ion:104 Resp: 1542189
Ion Ratio Lower Upper
104 100
78 50.5 41.2 61.8
103 48.7 38.7 58.1



#62
Isopropylbenzene
Concen: 9.439 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. -0.015 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion:105 Resp: 4147003
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1

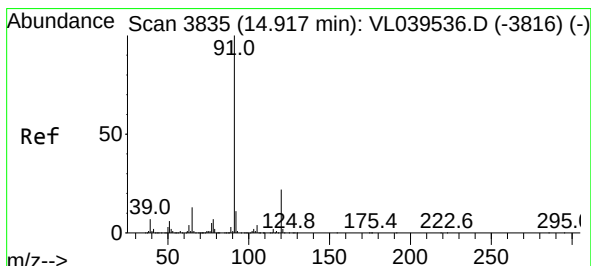
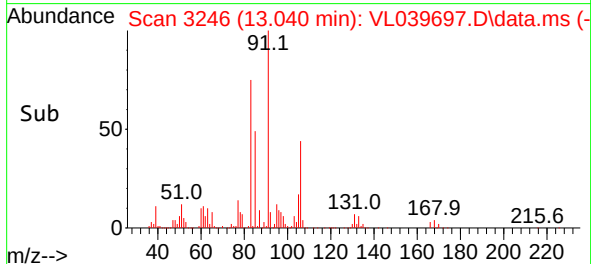
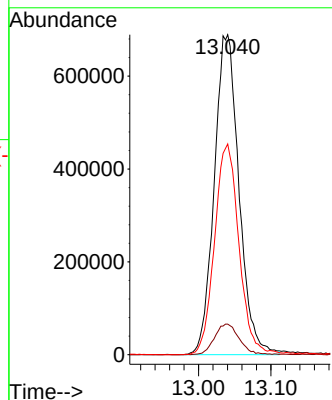
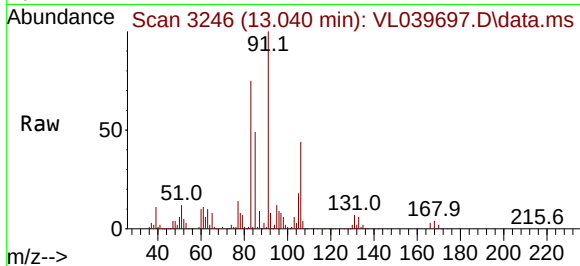




#63
1,1,2,2-Tetrachloroethane
Concen: 14.041 ppbv m
RT: 13.040 min Scan# 31
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

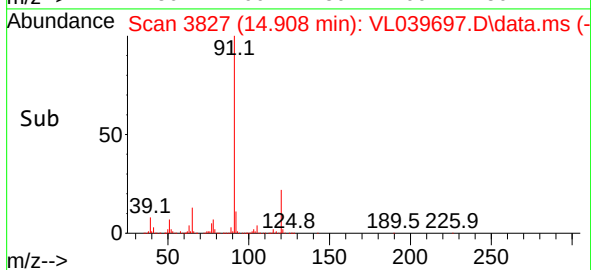
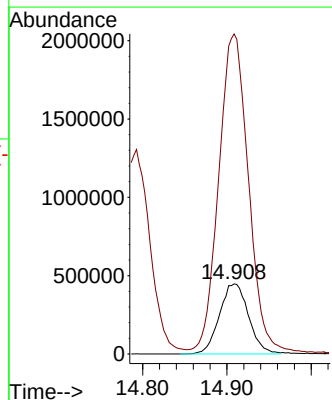
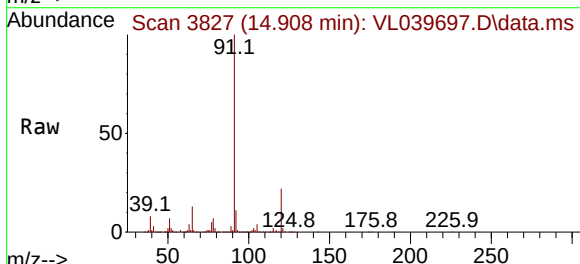
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

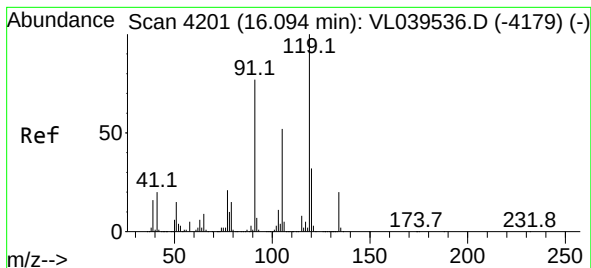
Tgt Ion: 83 Resp: 1635225
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 65.7 33.1 99.5



#64
n-propylbenzene
Concen: 9.527 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion:120 Resp: 1071768
Ion Ratio Lower Upper
120 100
91 472.8 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.514 ppbv

RT: 16.085 min Scan# 41

Delta R.T. -0.009 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

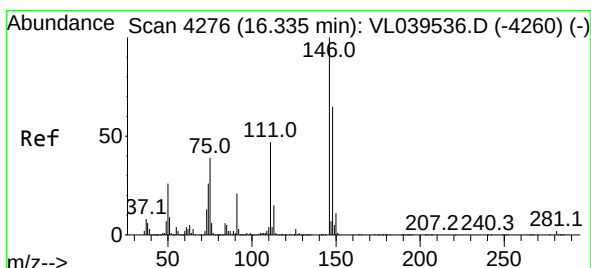
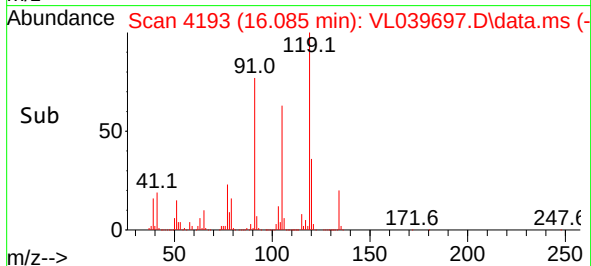
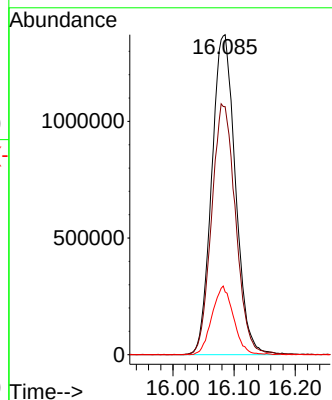
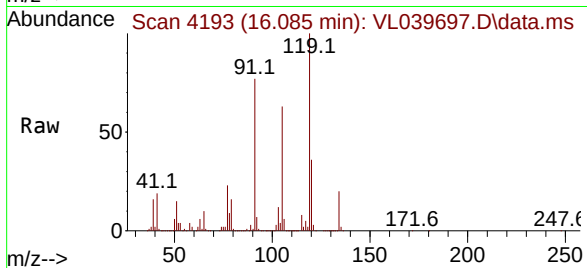
Tgt Ion:119 Resp: 3692680

Ion Ratio Lower Upper

119 100

91 79.2 63.4 95.2

134 19.6 15.9 23.9



#66

Benzyl Chloride

Concen: 6.394 ppbv m

RT: 16.317 min Scan# 4265

Delta R.T. -0.019 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

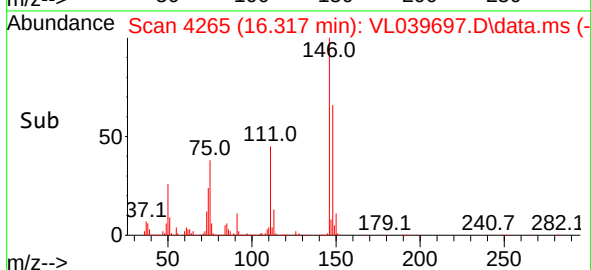
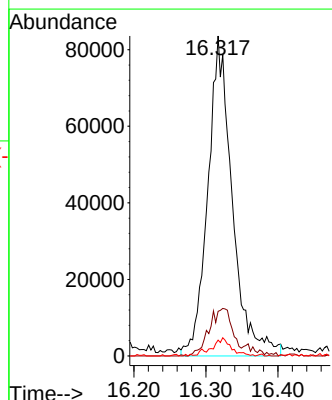
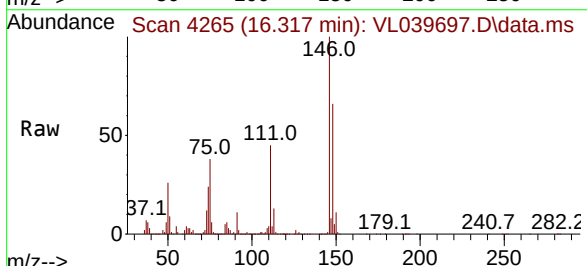
Tgt Ion: 91 Resp: 197588

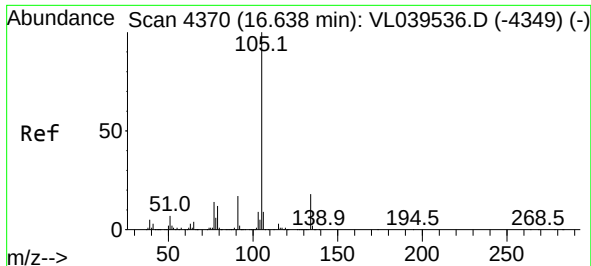
Ion Ratio Lower Upper

91 100

126 16.1 13.1 19.7

128 4.6 4.4 6.6

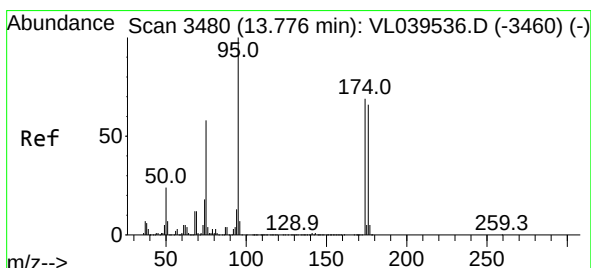
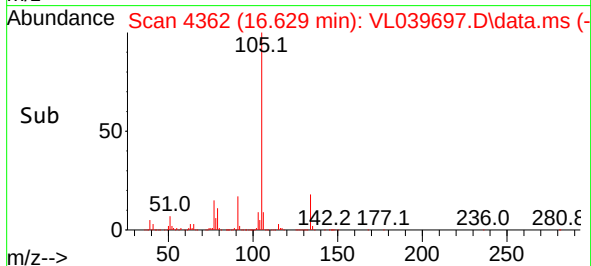
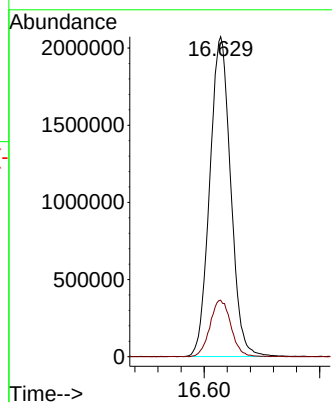
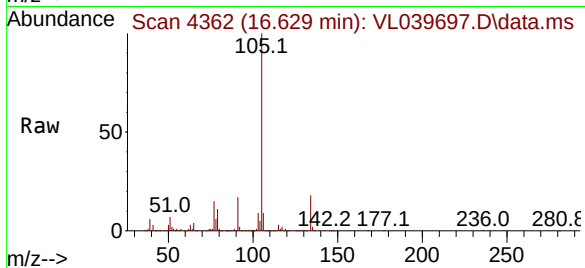




#67
 sec-Butylbenzene
 Concen: 9.567 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

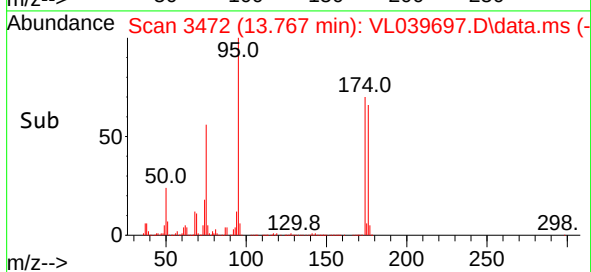
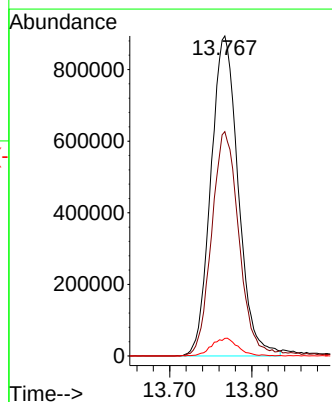
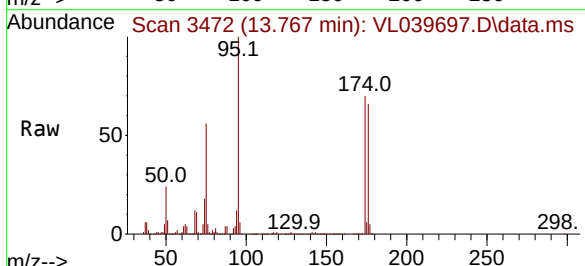
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

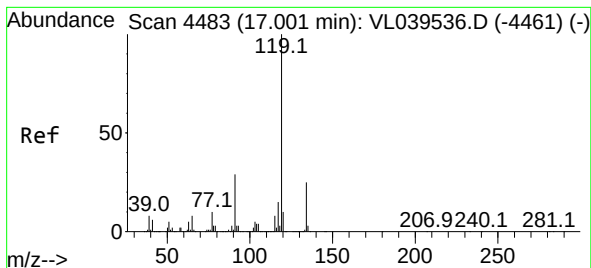
Tgt Ion:105 Resp: 5208466
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.331 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.009 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion: 95 Resp: 2075478
 Ion Ratio Lower Upper
 95 100
 174 71.4 55.9 83.9
 175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.801 ppbv

RT: 16.989 min Scan# 44

Delta R.T. -0.012 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

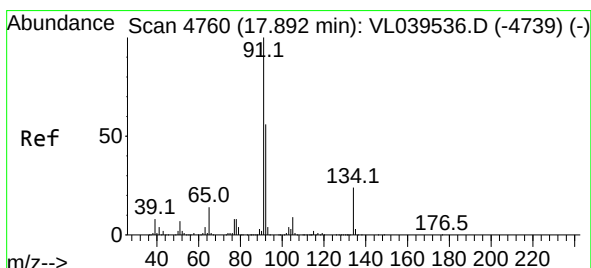
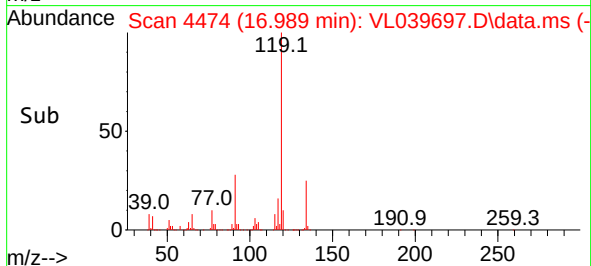
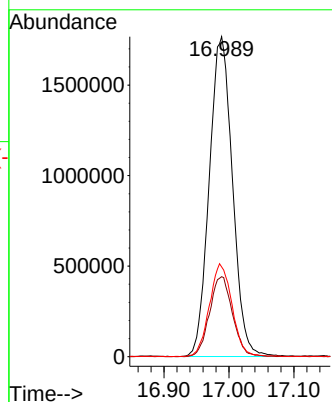
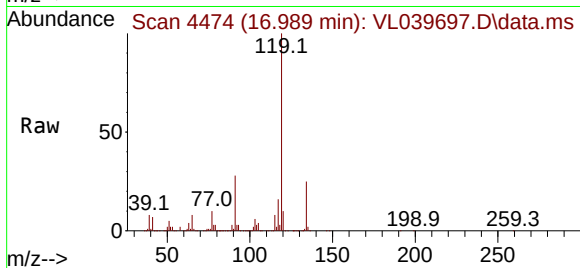
Tgt Ion:119 Resp: 4384464

Ion Ratio Lower Upper

119 100

134 24.8 20.3 30.5

91 28.3 22.9 34.3



#70

n-Butylbenzene

Concen: 10.029 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. -0.012 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

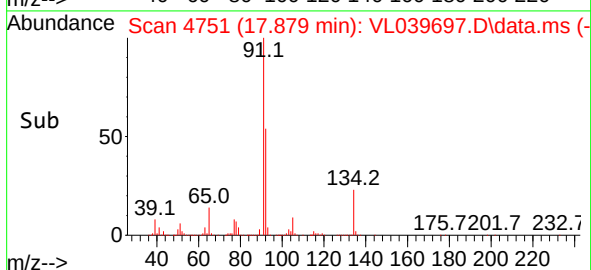
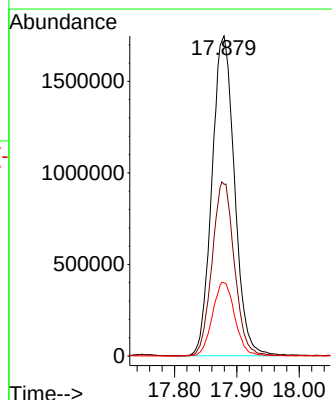
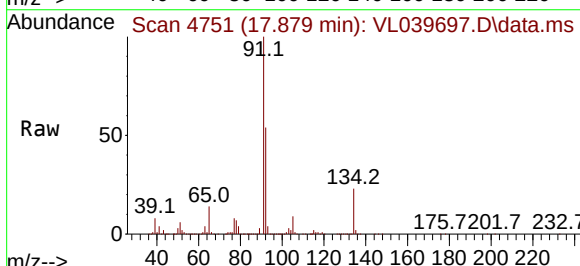
Tgt Ion: 91 Resp: 4397775

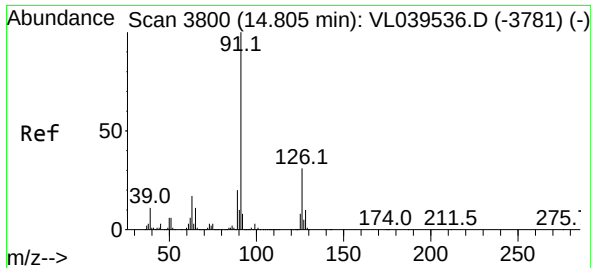
Ion Ratio Lower Upper

91 100

92 53.8 43.4 65.2

134 22.8 18.9 28.3

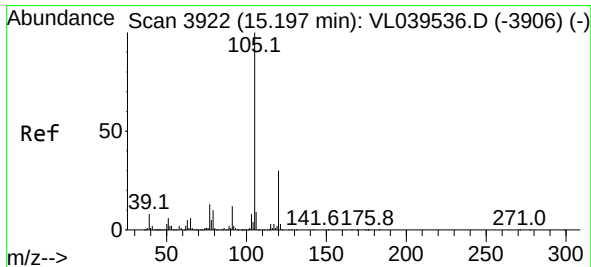
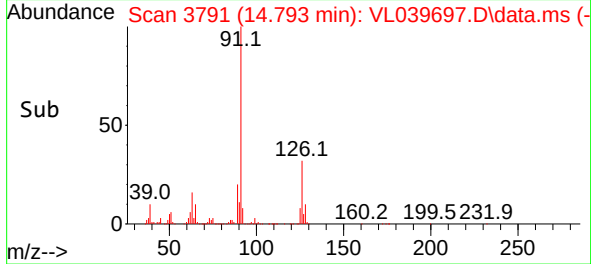
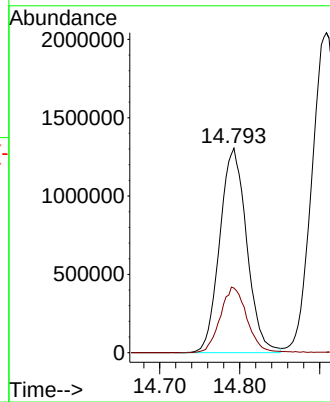
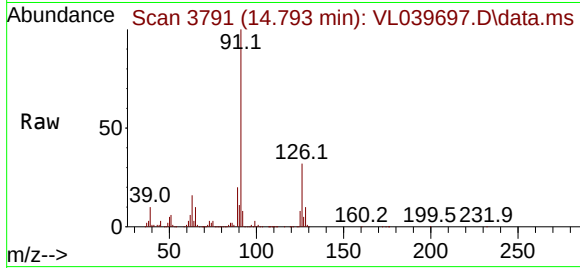




#71
2-Chlorotoluene
Concen: 9.637 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

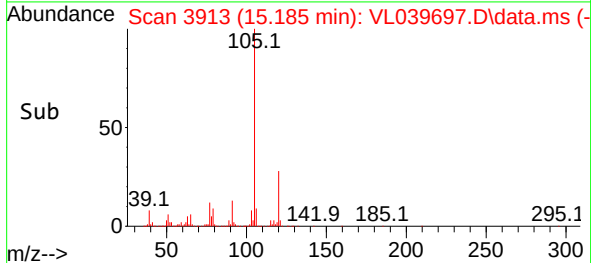
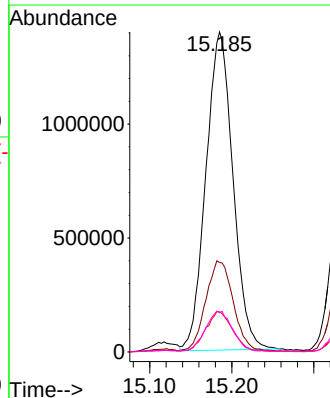
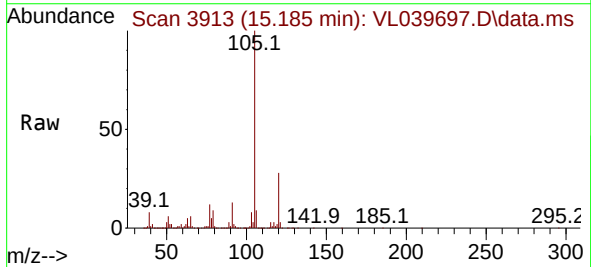
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

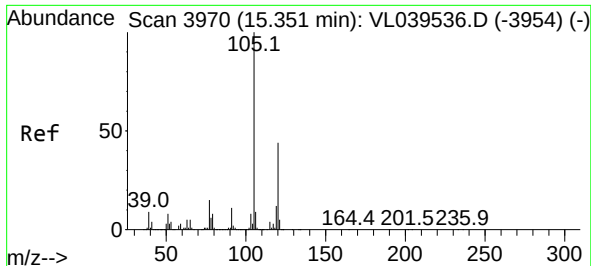
Tgt Ion: 91 Resp: 3056851
Ion Ratio Lower Upper
91 100
126 31.9 13.0 51.8



#72
4-Ethyltoluene
Concen: 9.615 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

Tgt Ion: 105 Resp: 3204760
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.2
91 13.5 10.2 15.4
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.548 ppbv

RT: 15.343 min Scan# 3970

Delta R.T. -0.009 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

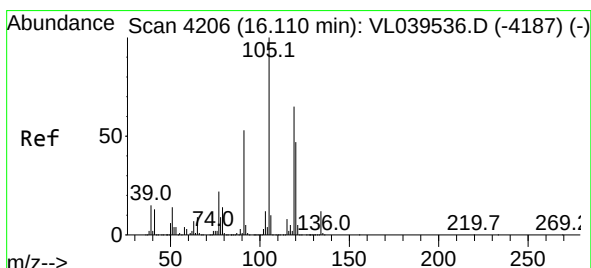
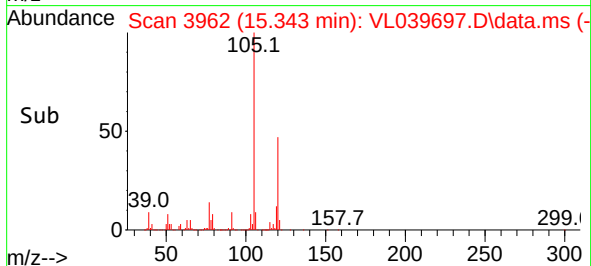
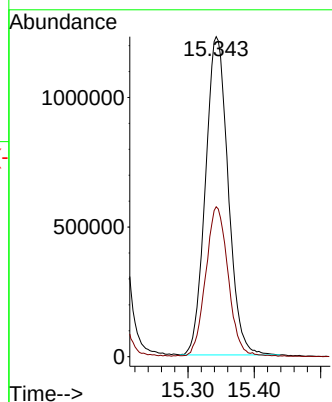
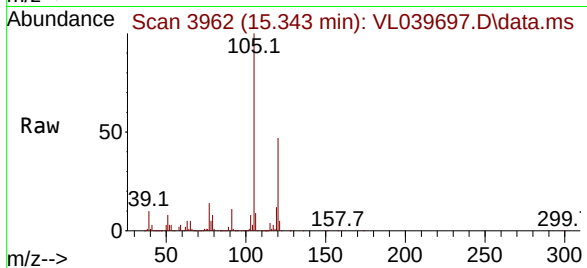
VSTDCCC010

Tgt Ion:105 Resp: 2912236

Ion Ratio Lower Upper

105 100

120 46.8 38.2 57.4



#74

1,2,4-Trimethylbenzene

Concen: 9.146 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.009 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Tgt Ion:105 Resp: 3126773

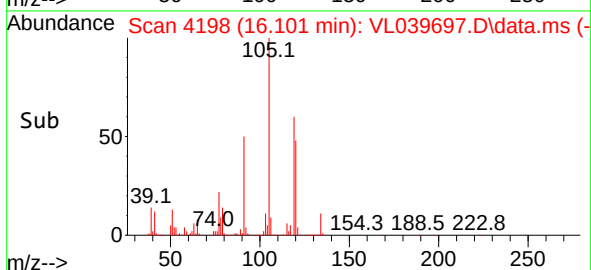
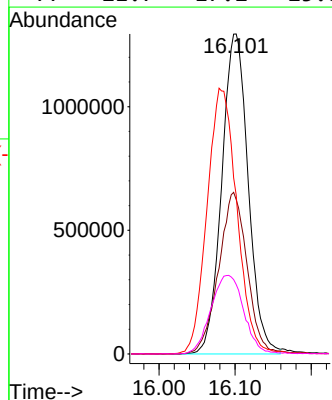
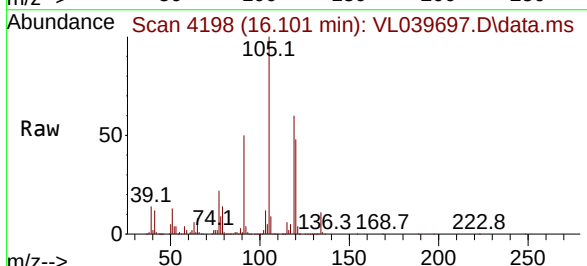
Ion Ratio Lower Upper

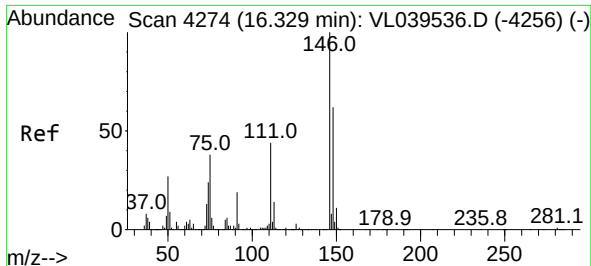
105 100

120 48.3 39.5 59.3

91 49.2 39.2 58.8

77 21.7 17.2 25.8

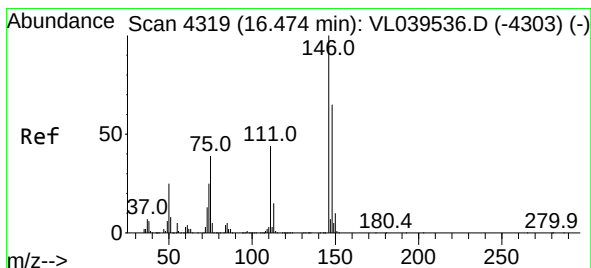
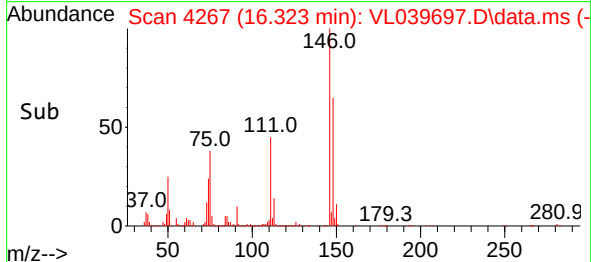
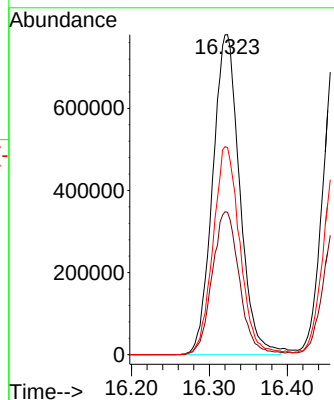
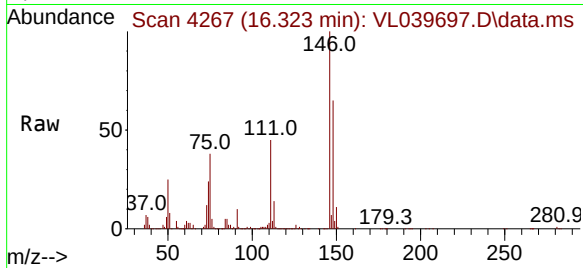




#75
 1,3-Dichlorobenzene
 Concen: 9.187 ppbv
 RT: 16.323 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

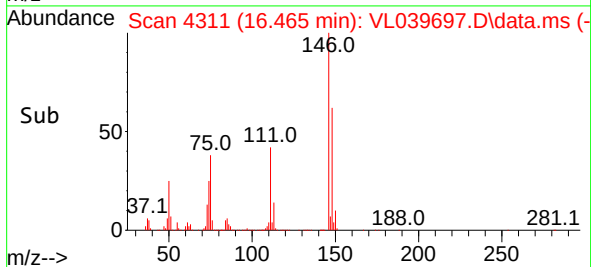
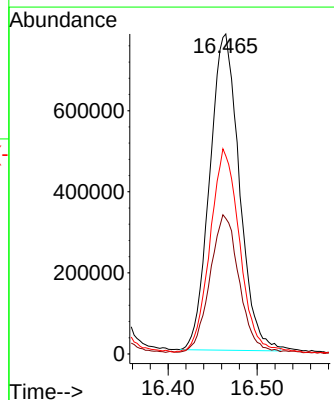
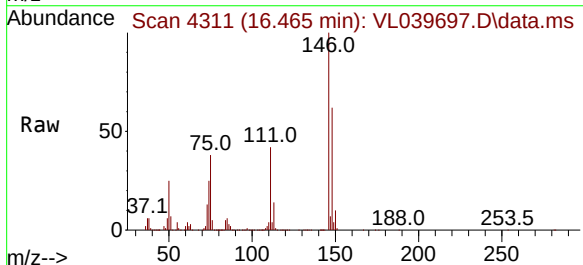
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

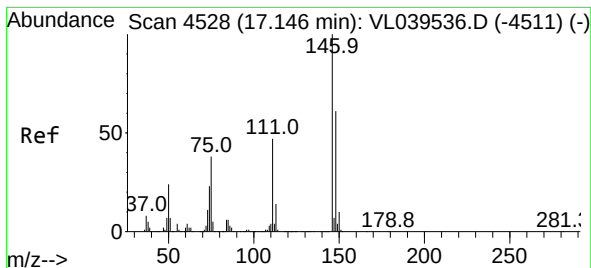
Tgt Ion:146 Resp: 1874039
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.9 68.7
 148 64.8 32.1 96.5



#76
 1,4-Dichlorobenzene
 Concen: 8.834 ppbv
 RT: 16.465 min Scan# 4311
 Delta R.T. -0.009 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Tgt Ion:146 Resp: 1802596
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.9 68.8
 148 66.2 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.367 ppbv

RT: 17.133 min Scan# 4519

Delta R.T. -0.012 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

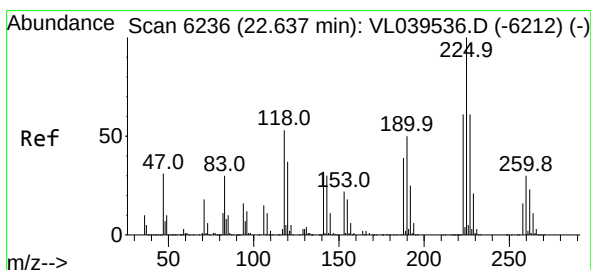
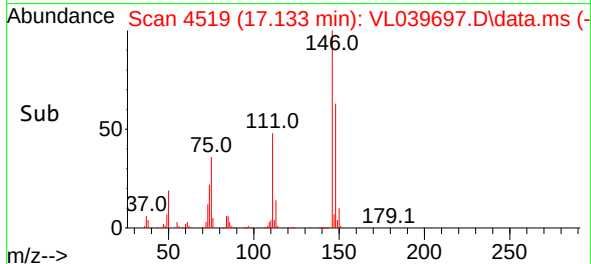
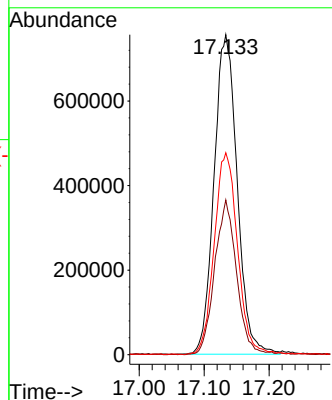
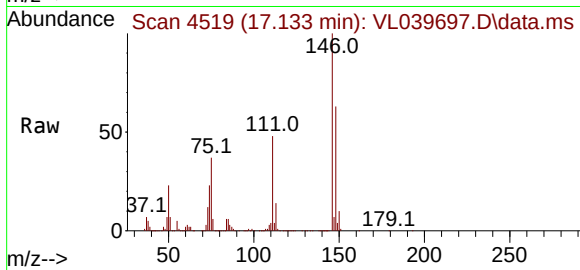
Tgt Ion:146 Resp: 1863252

Ion Ratio Lower Upper

146 100

111 46.4 23.8 71.5

148 64.3 32.3 96.8



#78

Hexachloro-1,3-Butadiene

Concen: 9.060 ppbv

RT: 22.622 min Scan# 6226

Delta R.T. -0.015 min

Lab File: VL039697.D

Acq: 10 Oct 2022 15:02

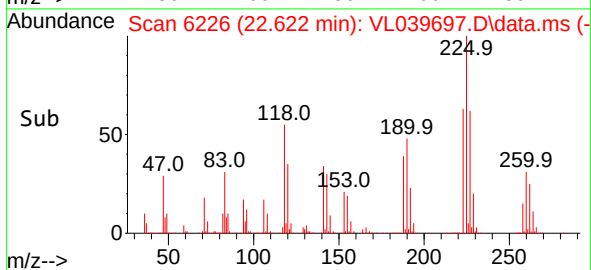
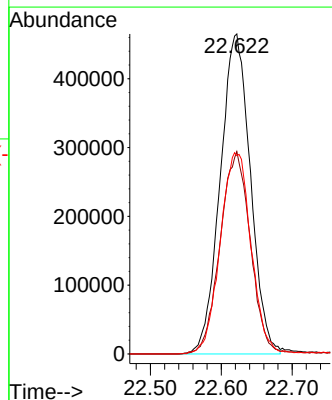
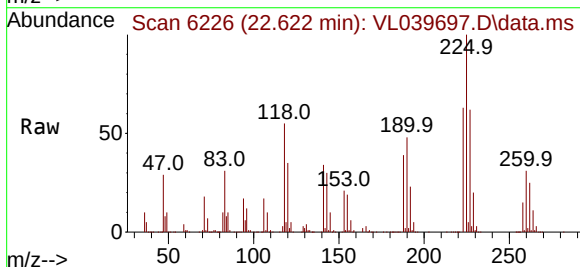
Tgt Ion:225 Resp: 1377081

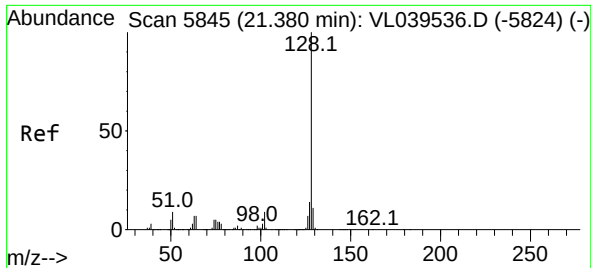
Ion Ratio Lower Upper

225 100

223 63.7 51.8 77.6

227 64.4 51.4 77.2

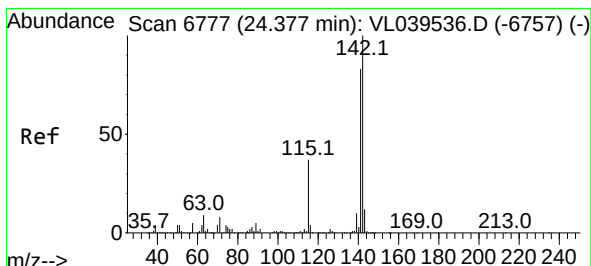
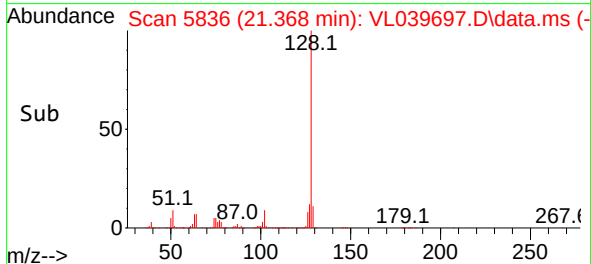
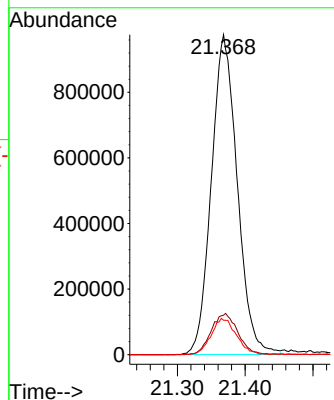
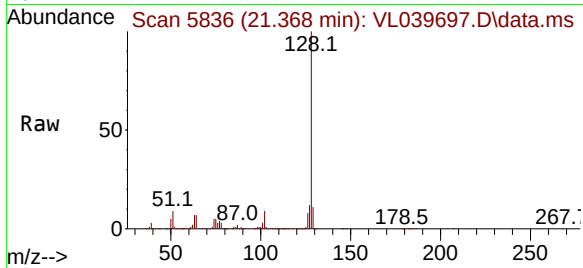




#79
Naphthalene
Concen: 11.463 ppbv
RT: 21.368 min Scan# 51
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

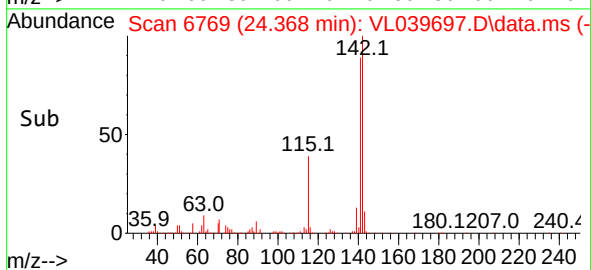
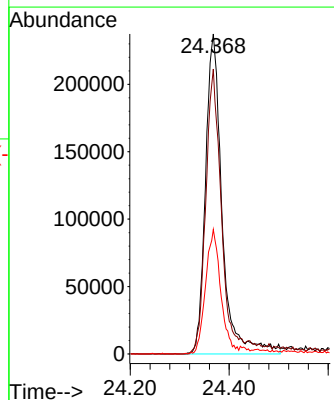
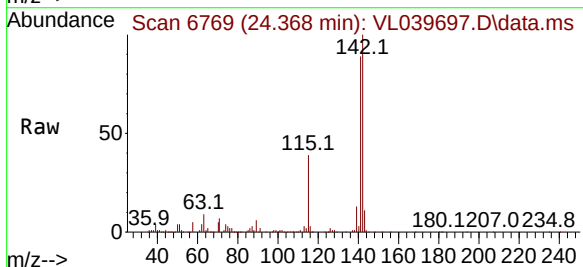
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

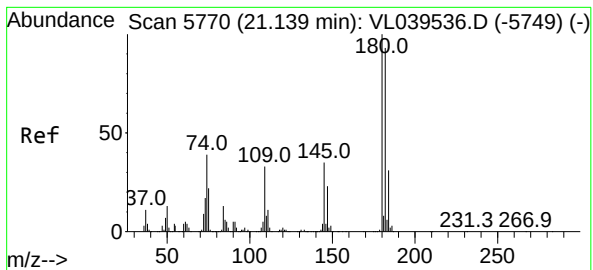
Tgt Ion:128 Resp: 2586325
Ion Ratio Lower Upper
128 100
127 12.3 10.6 15.8
129 10.7 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 6.521 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 15:02

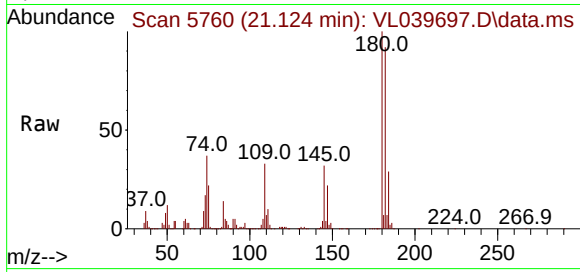
Tgt Ion:142 Resp: 553172
Ion Ratio Lower Upper
142 100
141 88.9 68.9 103.3
115 37.9 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.983 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.015 min
 Lab File: VL039697.D
 Acq: 10 Oct 2022 15:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1479357

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
184	30.6	24.3	36.5

