

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040190.D
 Acq On : 17 Feb 2023 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Feb 17 08:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	998055	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.668	114	2674916	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.491	117	2661555m	10.000	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1995612	9.118	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.726	85	1076128m	5.785	ppbv	
3) Chlorodifluoromethane	2.671	51	1141394	9.573	ppbv	97
4) Chloromethane	2.809	50	766158	10.230	ppbv	97
5) Vinyl Chloride	2.919	62	649249	10.788	ppbv	100
6) Bromomethane	3.118	94	199526	9.186	ppbv	97
7) Chloroethane	3.195	64	237889	9.968	ppbv	95
8) Dichlorotetrafluoroethane	2.854	85	1460140	9.110	ppbv	99
9) Propene	2.687	41	541661	11.145	ppbv	97
10) Heptane	7.594	43	1307522	11.304	ppbv	100
11) Trichlorofluoromethane	3.565	101	1424379	8.534	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1066374	8.661	ppbv	96
13) Ethanol	3.240	45	38286m	8.557	ppbv	
14) Bromoethene	3.366	108	447564	9.479	ppbv	100
15) Acetone	3.465	43	1102309	9.174	ppbv	99
16) 1,3-Butadiene	2.980	39	563532	10.269	ppbv	93
17) tert-Butyl alcohol	3.877	59	1248505	11.393	ppbv	99
18) 1,1-Dichloroethene	3.883	96	497582	9.301	ppbv	93
19) Isopropyl Alcohol	3.575	45	639660	11.199	ppbv #	96
20) Methylene Chloride	3.935	84	430902	6.889	ppbv	92
21) Allyl Chloride	3.999	41	791428	10.739	ppbv	98
22) trans-1,2-Dichloroethene	4.449	96	521430	9.412	ppbv	98
23) Vinyl Acetate	4.632	43	391742	10.742	ppbv #	97
24) 1,1-Dichloroethane	4.568	63	1084978	9.519	ppbv	98
25) Ethyl Acetate	5.211	43	2363054	10.579	ppbv	99
26) Hexane	5.221	57	1022702	10.665	ppbv	95
27) Carbon Disulfide	4.128	76	1266838	10.411	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	1034271	10.066	ppbv	100
29) Chloroform	5.285	83	1524927	9.261	ppbv	98
30) Cyclohexane	6.616	84	852537	11.322	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	998213	10.956	ppbv	97
32) 1,1,1-Trichloroethane	6.015	97	1484973	9.599	ppbv	99
34) 2-Butanone	4.790	43	1259980	9.549	ppbv	99
35) Carbon Tetrachloride	6.507	117	1510056	9.549	ppbv	99
36) Benzene	6.385	78	2177857	10.462	ppbv	99
37) 1,2-Dichloroethane	5.816	62	1154771	8.870	ppbv	98
38) Trichloroethene	7.308	130	1217522	10.614	ppbv	97
39) 1,2-Dichloropropane	7.089	63	829855	10.248	ppbv	95
40) 1,4-Dioxane	7.301	88	329776	10.180	ppbv	97
41) Tetrahydrofuran	5.565	42	858154	11.223	ppbv	100
42) Bromodichloromethane	7.266	83	1687793	9.392	ppbv	99
43) Methyl Methacrylate	7.488	69	874526	11.354	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3579970	10.302	ppbv	98
45) t-1,3-Dichloropropene	8.729	75	829155	12.135	ppbv	99

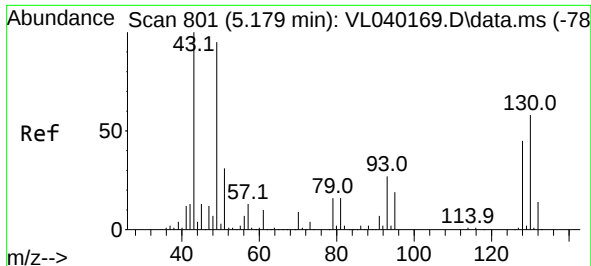
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
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 VSTDCCC010EC

Quant Time: Feb 17 08:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.160	75	1114398	11.707	ppbv	96
47) 1,1,2-Trichloroethane	8.918	97	864045	9.865	ppbv	96
48) Dibromochloromethane	9.732	129	1443702	10.305	ppbv	99
49) Bromoform	12.433	173	1172440	10.722	ppbv	100
50) 4-Methyl-2-Pentanone	8.198	43	2187361	10.676	ppbv	99
51) 2-Hexanone	9.571	43	1704919	10.820	ppbv #	97
52) Tetrachloroethene	10.639	164	751243	11.557	ppbv	97
53) Toluene	9.240	91	2502047	11.222	ppbv	100
54) 1,2-Dibromoethane	10.031	107	972929	10.676	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.532	131	1025515	9.179	ppbv	96
57) Chlorobenzene	11.552	112	1856084	9.545	ppbv	98
58) Ethyl Benzene	12.114	91	3283529	10.154	ppbv	100
59) m/p-Xylene	12.397	91	5483532m	19.145	ppbv	
60) o-Xylene	13.085	91	2606235	9.457	ppbv	97
61) Styrene	12.922	104	1625566	11.235	ppbv	98
62) Isopropylbenzene	14.053	105	3760053	9.505	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.073	83	851663	8.575	ppbv	100
64) n-propylbenzene	14.944	120	985734	10.068	ppbv	93
65) tert-Butylbenzene	16.118	119	3249389	9.449	ppbv	96
66) Benzyl Chloride	16.355	91	224336	9.804	ppbv	97
67) sec-Butylbenzene	16.664	105	4595890	9.319	ppbv	100
69) p-Isopropyltoluene	17.021	119	3741713	9.571	ppbv	98
70) n-Butylbenzene	17.912	91	3887398	9.161	ppbv	99
71) 2-Chlorotoluene	14.825	91	2861959	9.459	ppbv	98
72) 4-Ethyltoluene	15.220	105	3064966	10.060	ppbv	98
73) 1,3,5-Trimethylbenzene	15.378	105	2687571	9.480	ppbv	98
74) 1,2,4-Trimethylbenzene	16.134	105	2850099	9.153	ppbv	97
75) 1,3-Dichlorobenzene	16.355	146	1654294	9.708	ppbv	99
76) 1,4-Dichlorobenzene	16.500	146	1597045	9.564	ppbv	98
77) 1,2-Dichlorobenzene	17.169	146	1575661	9.308	ppbv	99
78) Hexachloro-1,3-Butadiene	22.670	225	1020863	8.778	ppbv	99
79) Naphthalene	21.416	128	2172224	12.417	ppbv	99
80) Naphthalene,2-methyl-	24.400	142	754358	15.164	ppbv	93
81) 1,2,4-Trichlorobenzene	21.172	180	1168749	10.676	ppbv	99

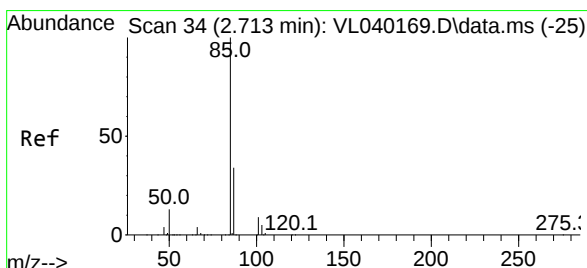
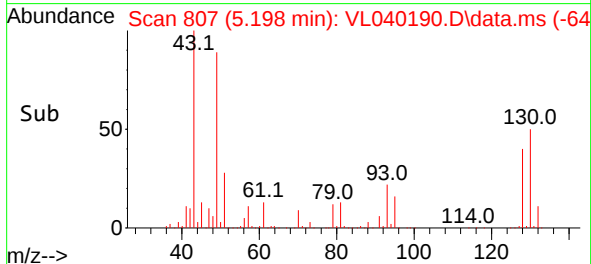
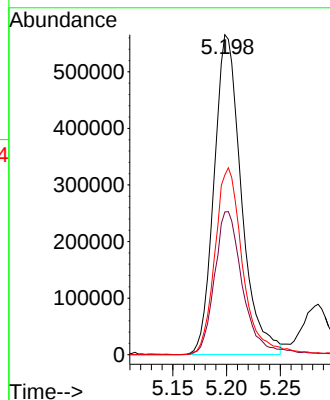
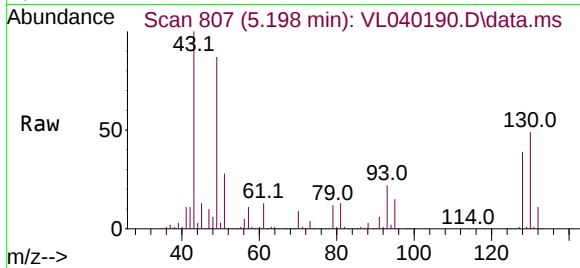
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.019 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

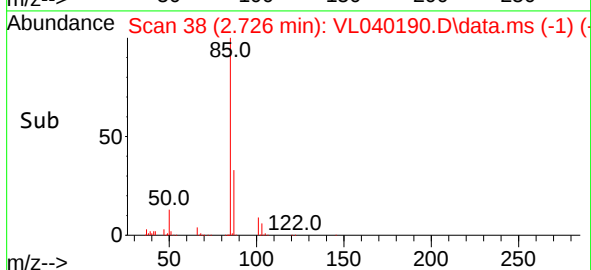
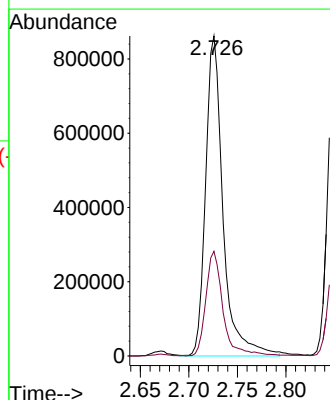
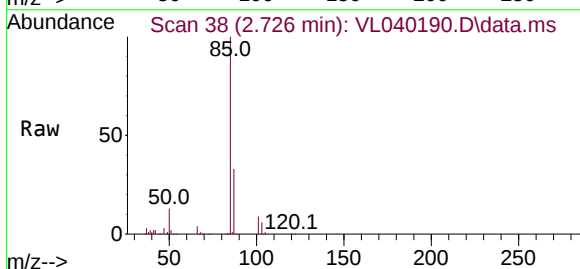
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

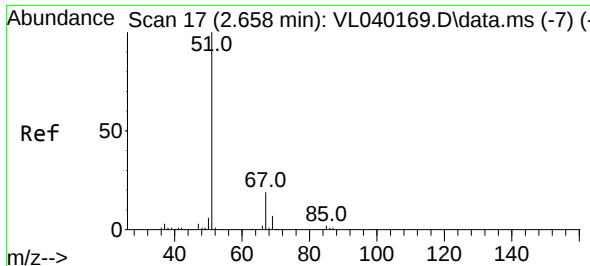
Tgt Ion: 49 Resp: 998055
Ion Ratio Lower Upper
49 100
128 46.9 24.1 72.3
130 60.6 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 5.785 ppbv m
RT: 2.726 min Scan# 38
Delta R.T. 0.013 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 85 Resp: 1076128
Ion Ratio Lower Upper
85 100
87 32.7 27.0 40.6

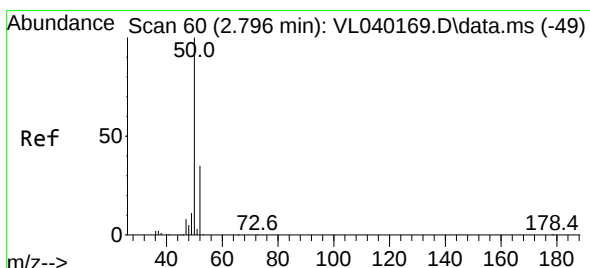
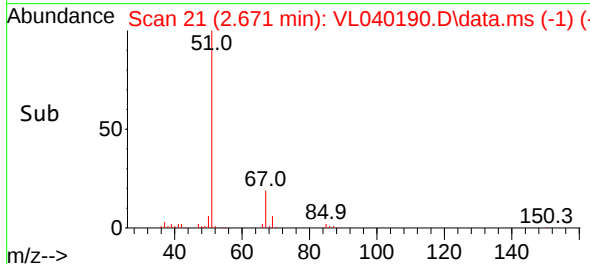
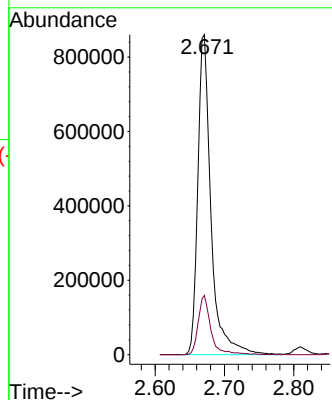
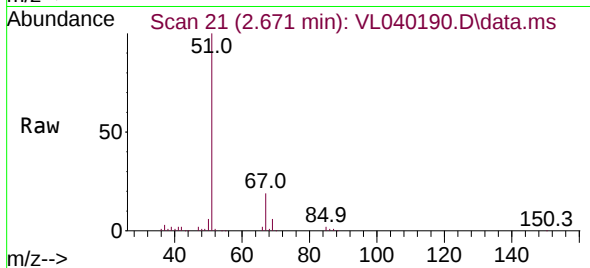




#3
Chlorodifluoromethane
Concen: 9.573 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

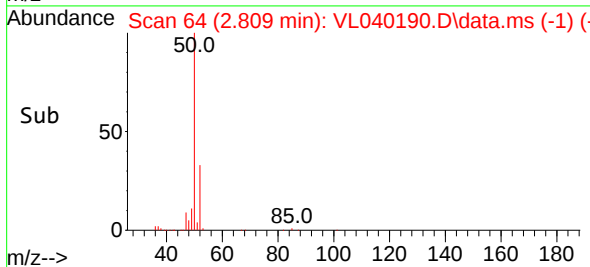
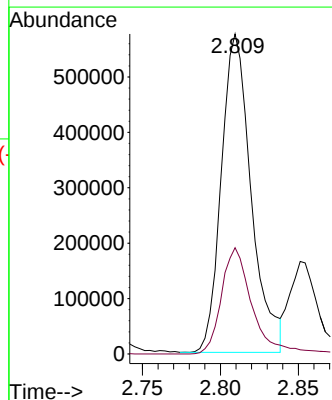
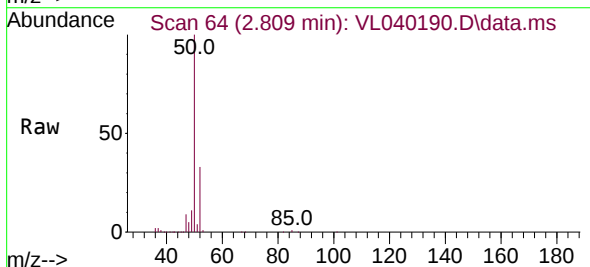
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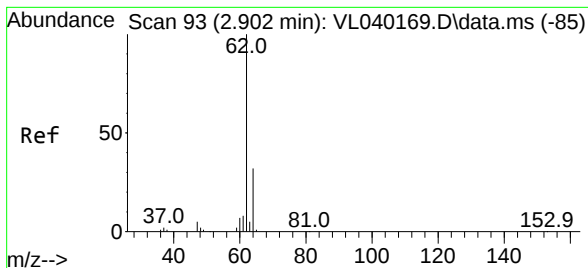
Tgt Ion: 51 Resp: 1141394
Ion Ratio Lower Upper
51 100
67 17.8 15.4 23.2



#4
Chloromethane
Concen: 10.230 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 50 Resp: 766158
Ion Ratio Lower Upper
50 100
52 33.4 28.3 42.5

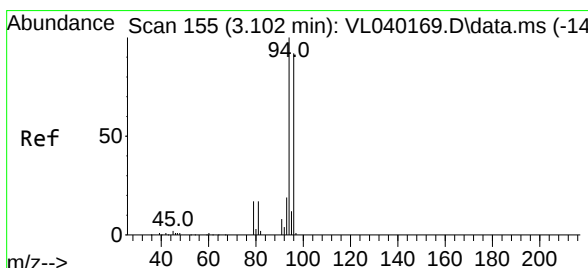
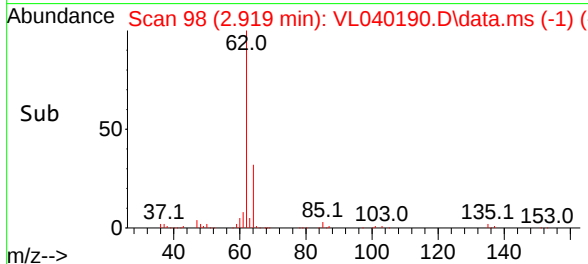
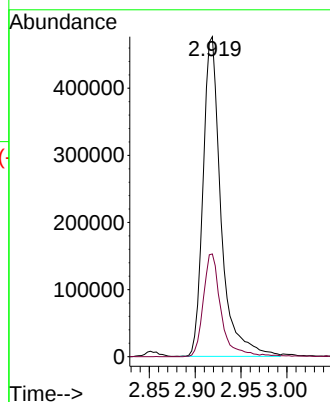
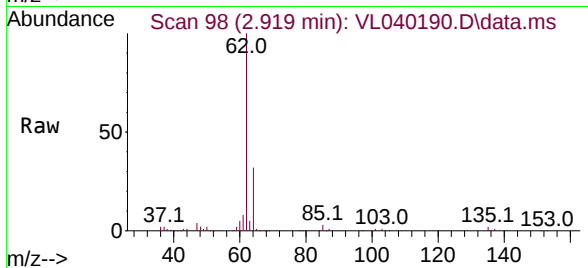




#5
 Vinyl Chloride
 Concen: 10.788 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.016 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

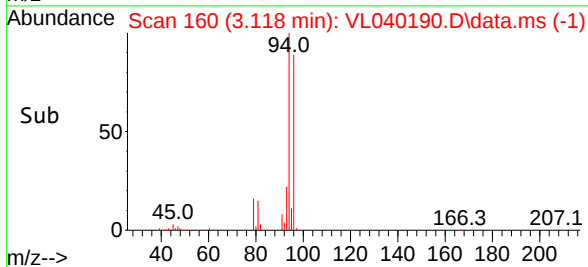
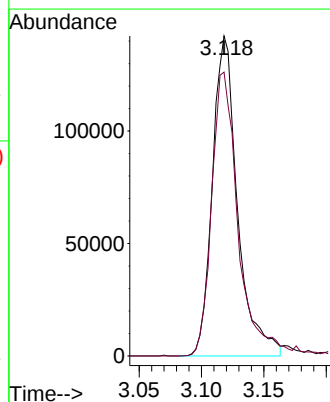
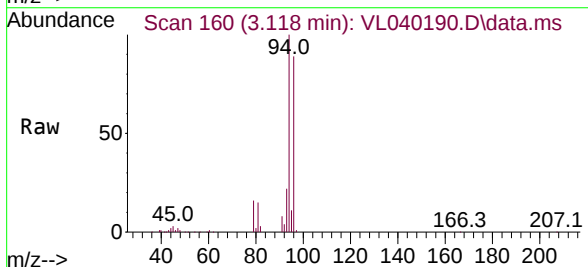
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

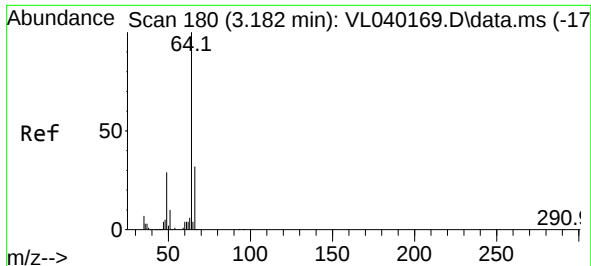
Tgt Ion: 62 Resp: 649249
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.6 38.4



#6
 Bromomethane
 Concen: 9.186 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.016 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion: 94 Resp: 199526
 Ion Ratio Lower Upper
 94 100
 96 88.7 73.4 110.2

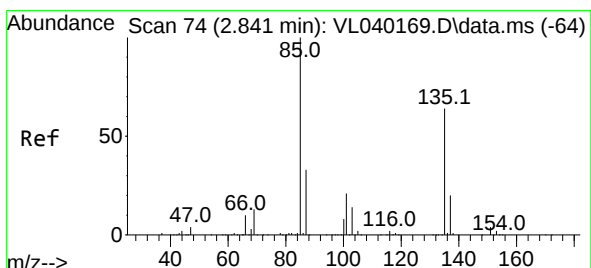
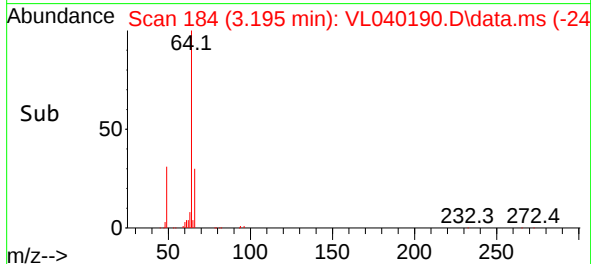
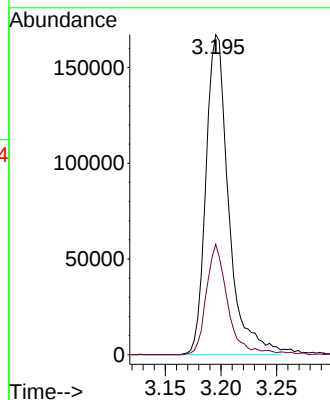
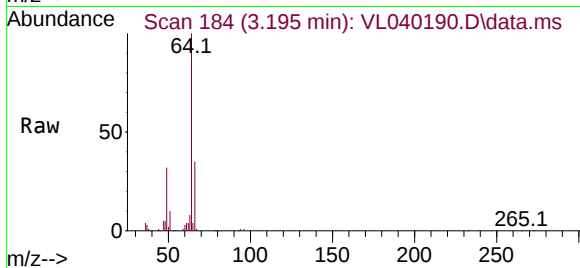




#7
Chloroethane
Concen: 9.968 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

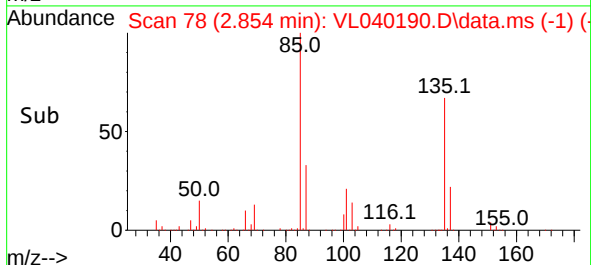
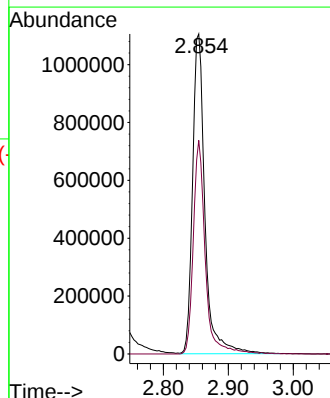
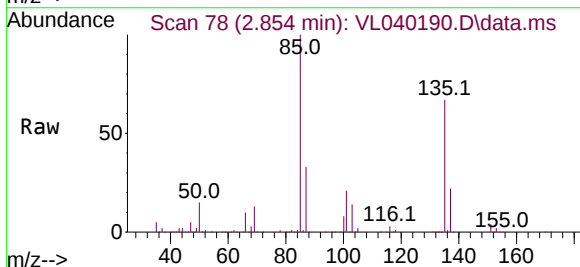
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ClientSampleId :
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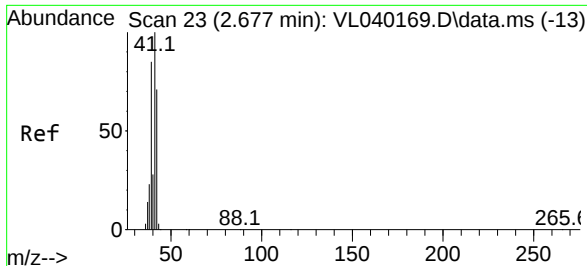
Tgt Ion: 64 Resp: 237889
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.110 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.013 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 85 Resp: 1460140
Ion Ratio Lower Upper
85 100
135 64.9 51.5 77.3

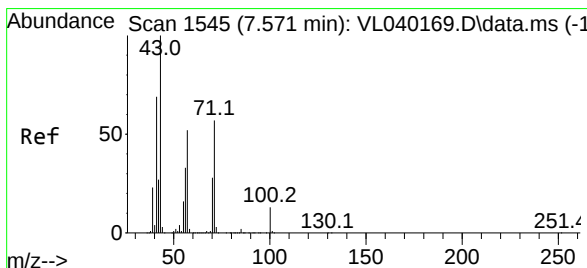
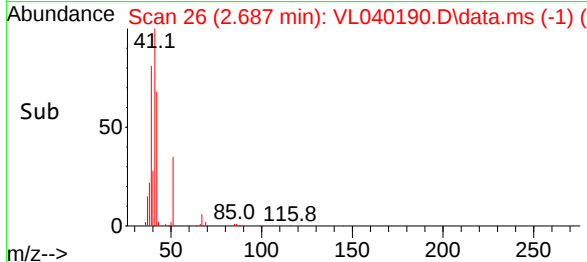
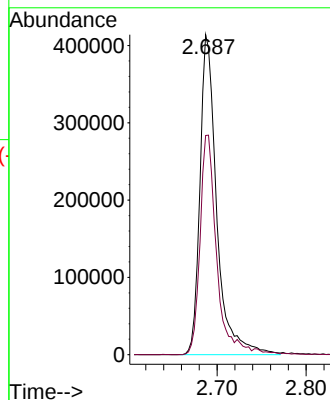
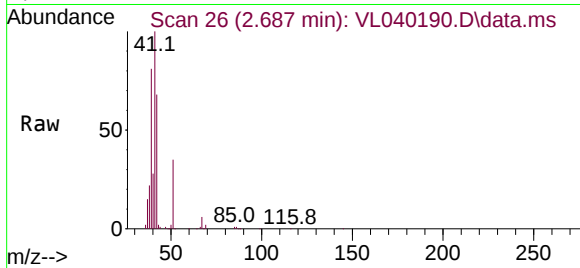




#9
 Propene
 Concen: 11.145 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

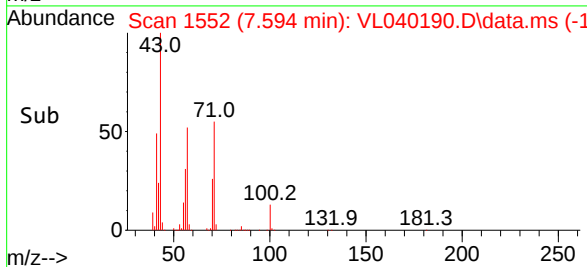
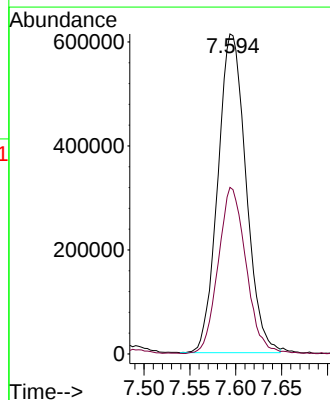
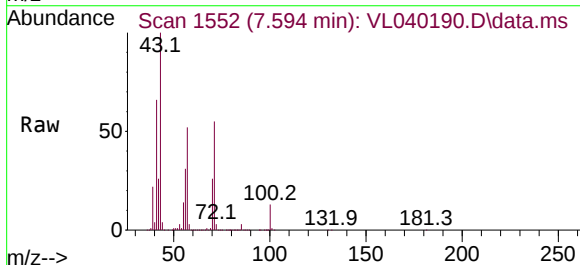
Instrument :
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 ClientSampleId :
 VSTDCCC010EC

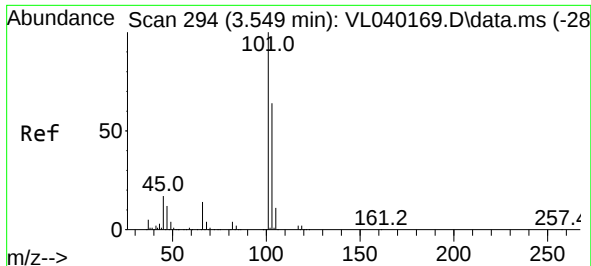
Tgt Ion: 41 Resp: 541661
 Ion Ratio Lower Upper
 41 100
 42 69.0 56.9 85.3



#10
 Heptane
 Concen: 11.304 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.023 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion: 43 Resp: 1307522
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.4 62.2

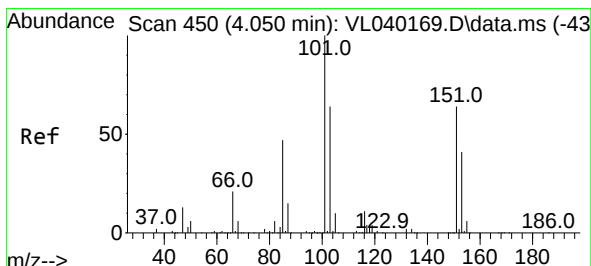
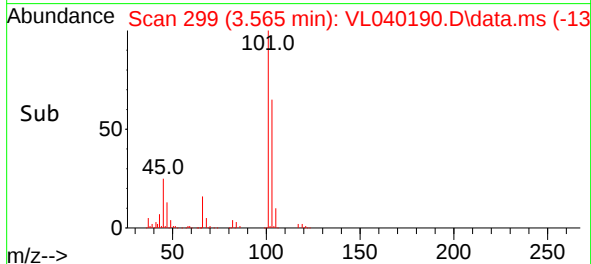
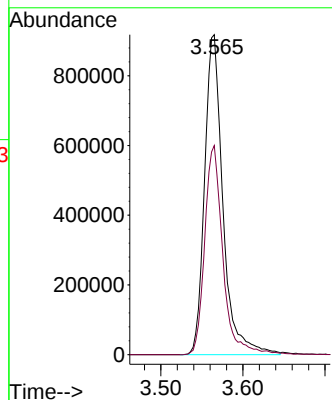
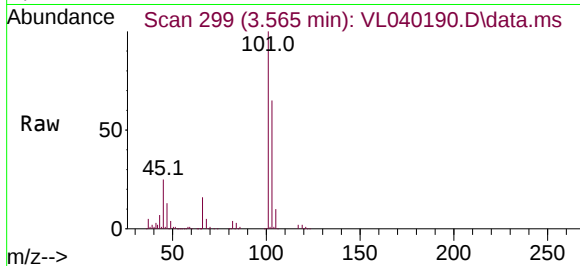




#11
 Trichlorofluoromethane
 Concen: 8.534 ppbv
 RT: 3.565 min Scan# 294
 Delta R.T. 0.016 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

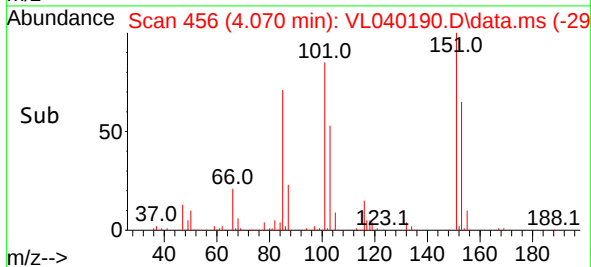
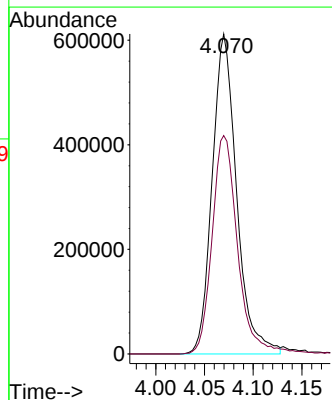
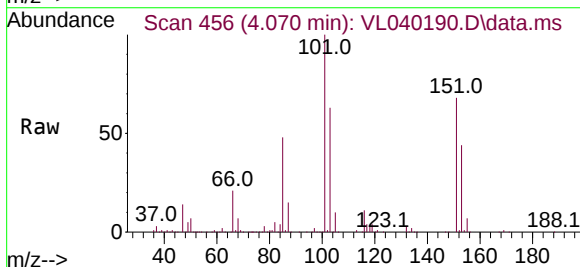
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

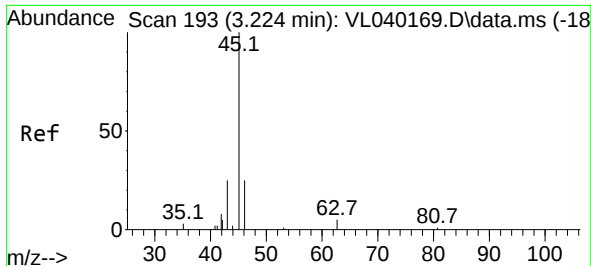
Tgt Ion:101 Resp: 1424379
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.661 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.019 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion:101 Resp: 1066374
 Ion Ratio Lower Upper
 101 100
 151 71.9 54.7 82.1

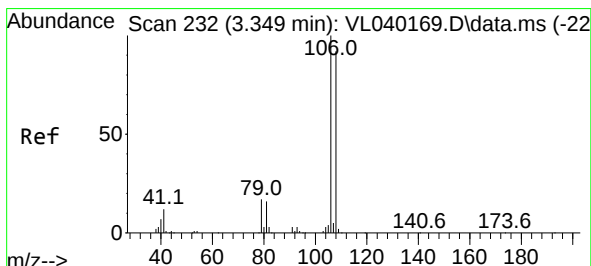
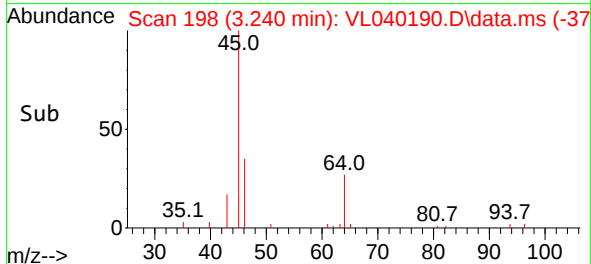
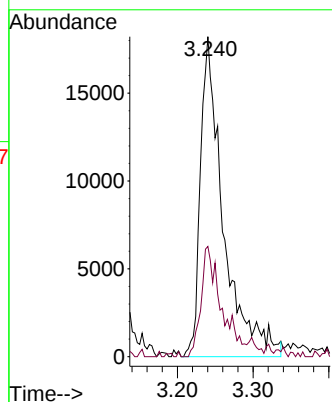
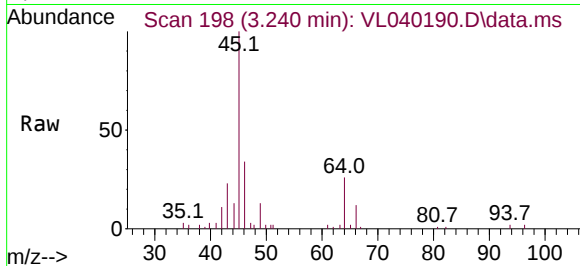




#13
Ethanol
Concen: 8.557 ppbv m
RT: 3.240 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

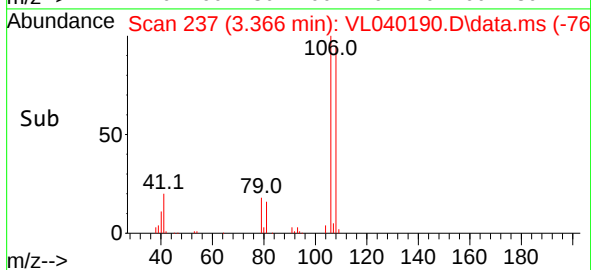
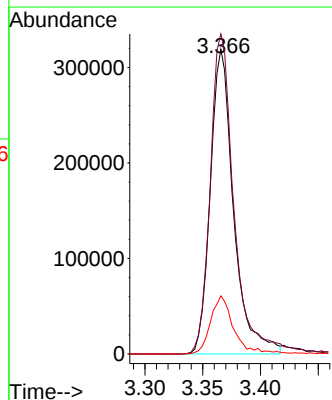
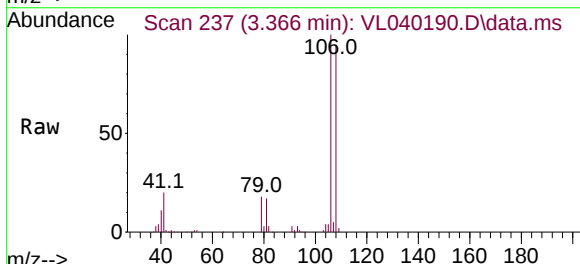
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

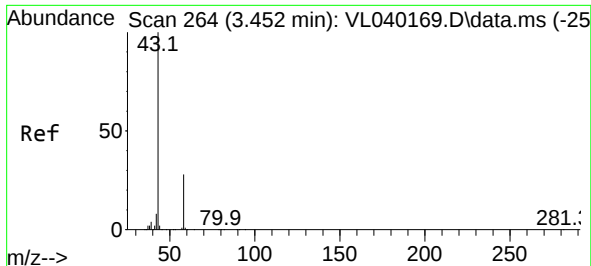
Tgt Ion: 45 Resp: 38286
Ion Ratio Lower Upper
45 100
46 33.7 13.3 53.1



#14
Bromoethene
Concen: 9.479 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.016 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 108 Resp: 447564
Ion Ratio Lower Upper
108 100
106 109.0 87.1 130.7
79 19.6 15.4 23.2

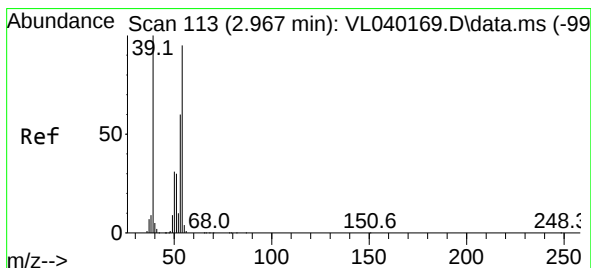
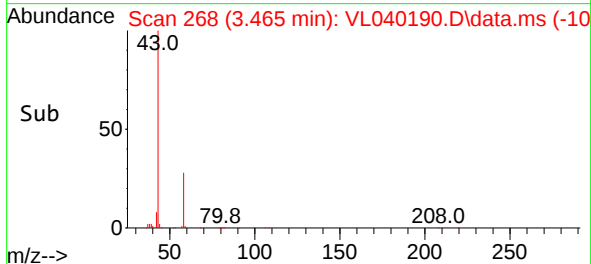
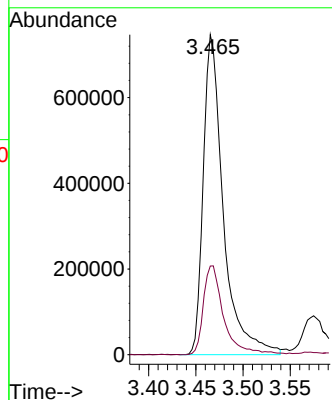
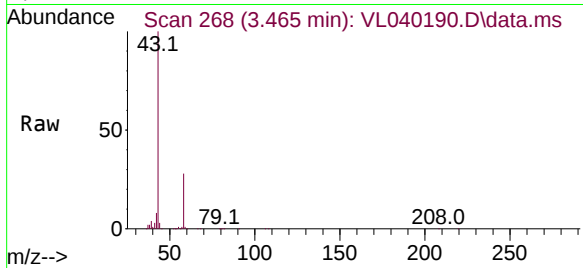




#15
Acetone
Concen: 9.174 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

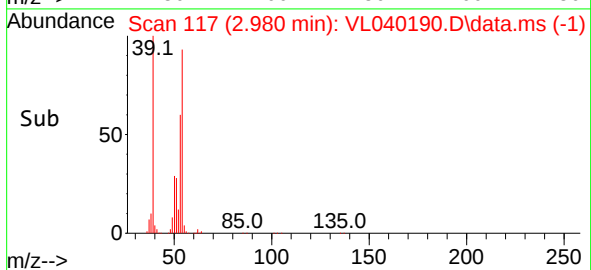
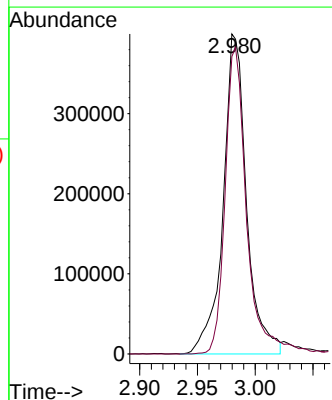
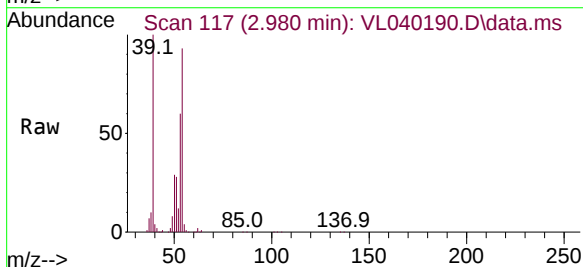
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

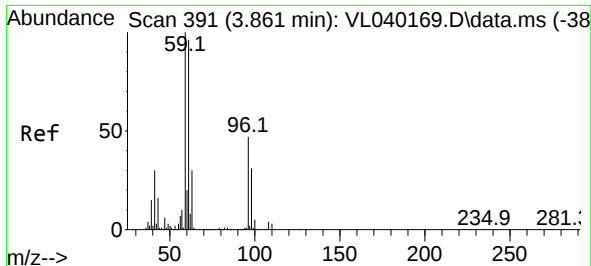
Tgt Ion: 43 Resp: 1102309
Ion Ratio Lower Upper
43 100
58 28.4 22.4 33.6



#16
1,3-Butadiene
Concen: 10.269 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 39 Resp: 563532
Ion Ratio Lower Upper
39 100
54 89.4 66.7 100.1





#17

tert-Butyl alcohol

Concen: 11.393 ppbv

RT: 3.877 min Scan# 391

Delta R.T. 0.016 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_L

ClientSampleId :

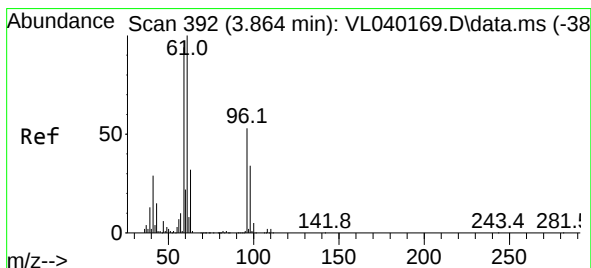
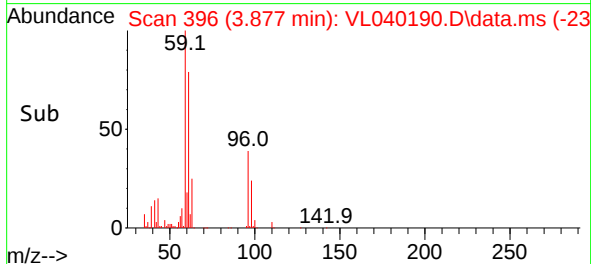
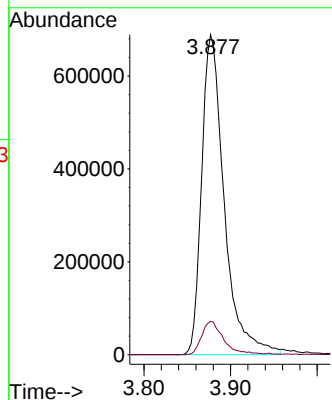
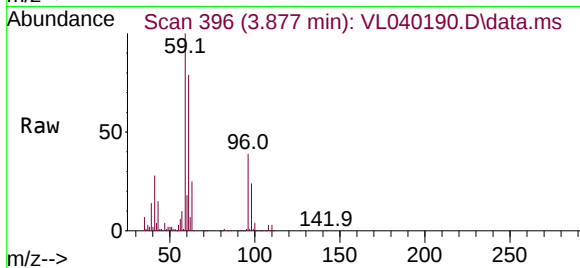
VSTDCCC010EC

Tgt Ion: 59 Resp: 1248505

Ion Ratio Lower Upper

59 100

57 10.4 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.301 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.019 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

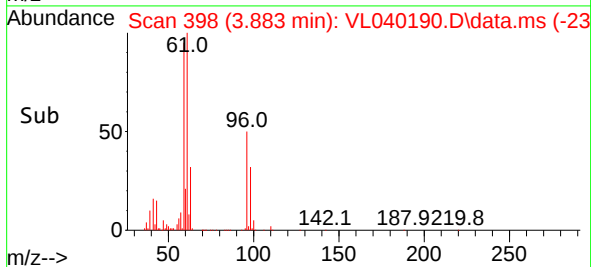
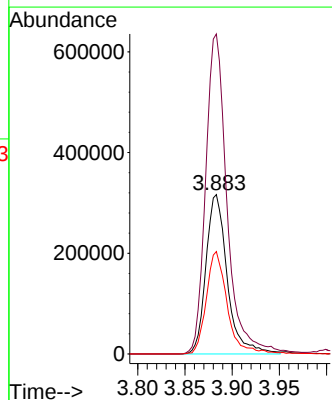
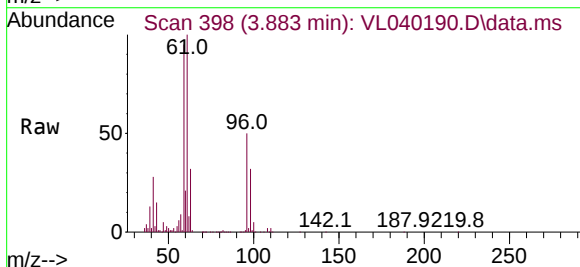
Tgt Ion: 96 Resp: 497582

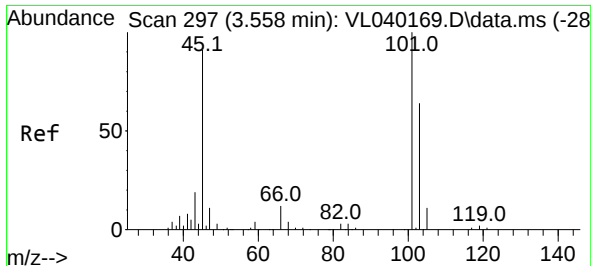
Ion Ratio Lower Upper

96 100

61 200.7 149.6 224.4

98 64.2 51.1 76.7

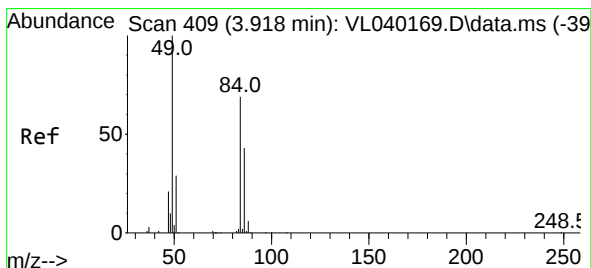
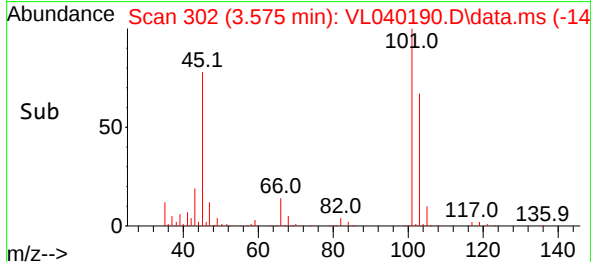
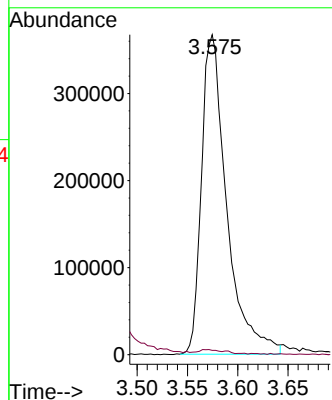
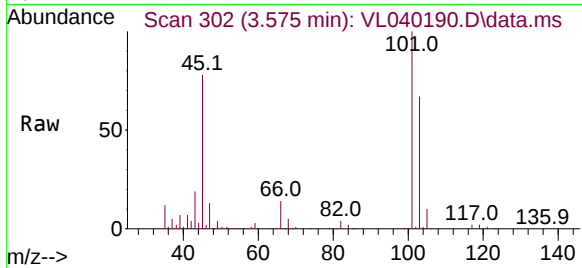




#19
Isopropyl Alcohol
Concen: 11.199 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.016 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

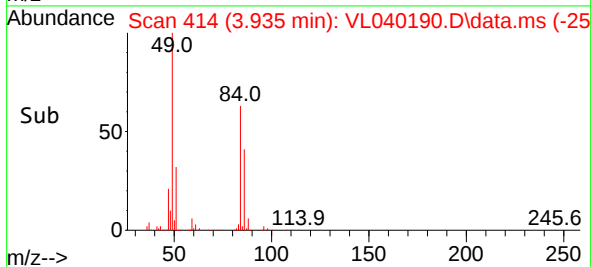
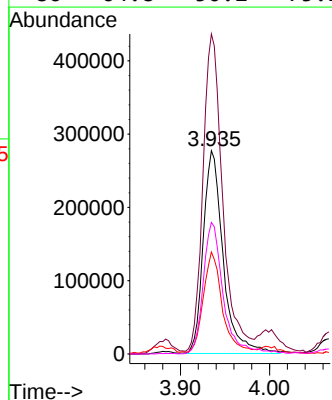
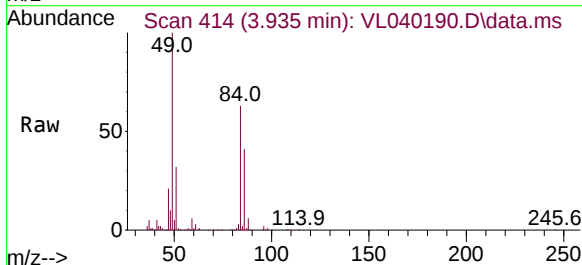
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

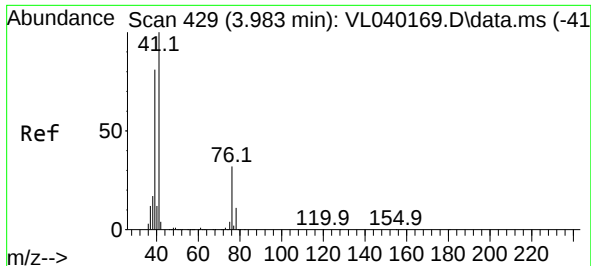
Tgt Ion: 45 Resp: 639660
Ion Ratio Lower Upper
45 100
58 1.9 2.6 3.8#



#20
Methylene Chloride
Concen: 6.889 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.016 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 84 Resp: 430902
Ion Ratio Lower Upper
84 100
49 156.3 115.5 173.3
51 49.4 33.1 49.7
86 64.8 50.2 75.2

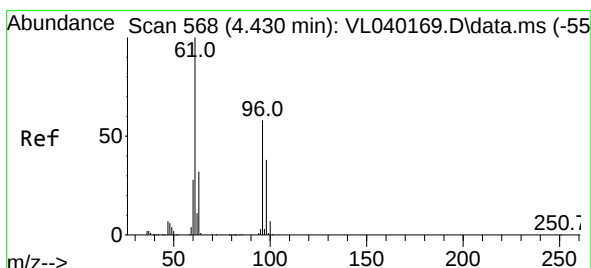
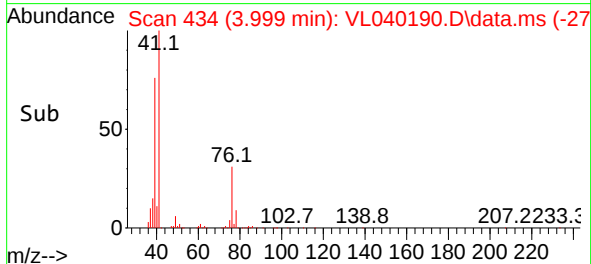
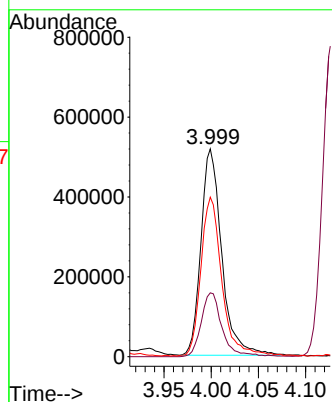
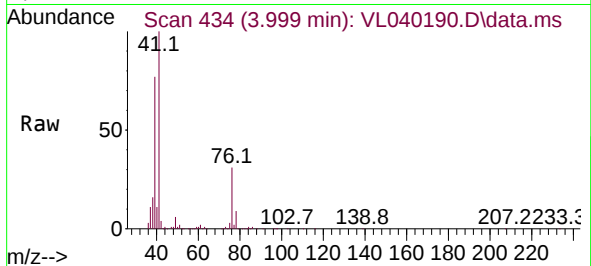




#21
 Allyl Chloride
 Concen: 10.739 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

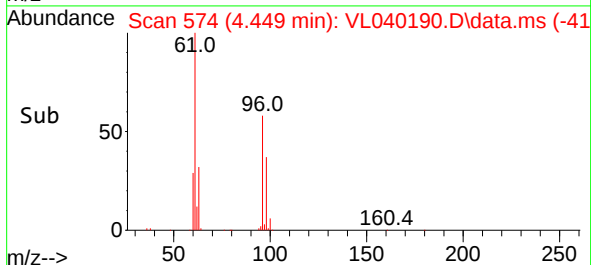
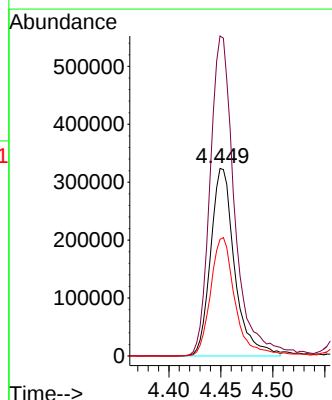
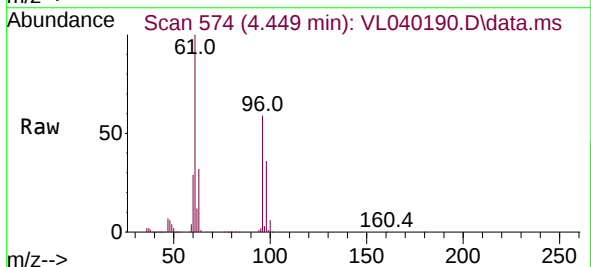
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

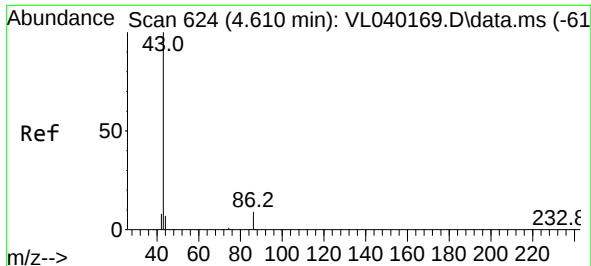
Tgt Ion: 41 Resp: 791428
 Ion Ratio Lower Upper
 41 100
 76 31.1 25.5 38.3
 39 78.4 64.5 96.7



#22
 trans-1,2-Dichloroethene
 Concen: 9.412 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.019 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion: 96 Resp: 521430
 Ion Ratio Lower Upper
 96 100
 61 170.5 137.5 206.3
 98 62.2 52.8 79.2

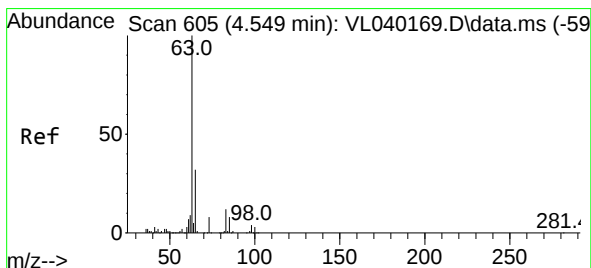
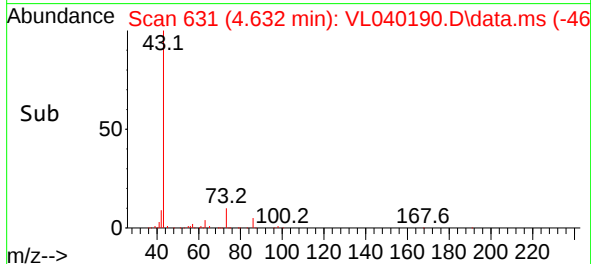
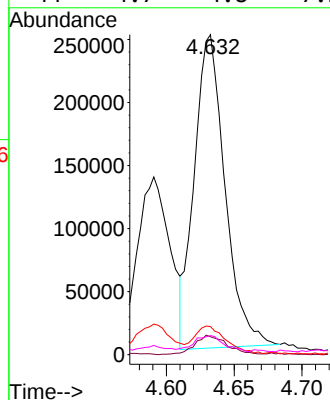
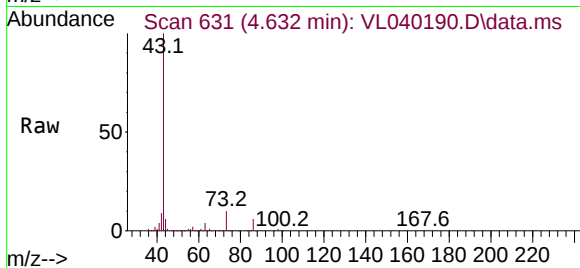




#23
 Vinyl Acetate
 Concen: 10.742 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. 0.023 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

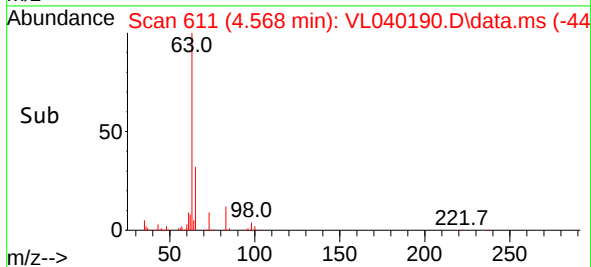
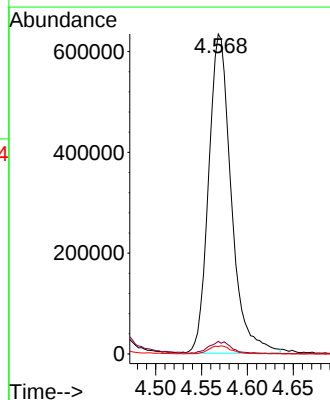
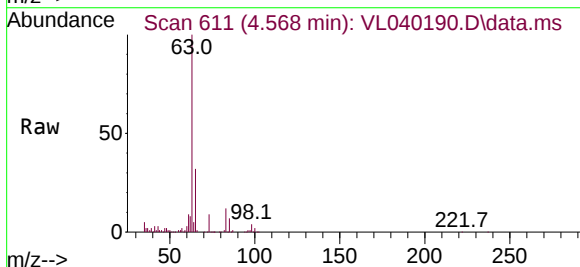
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

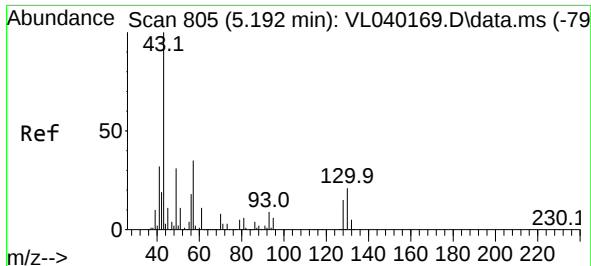
Tgt Ion: 43 Resp: 391742
 Ion Ratio Lower Upper
 43 100
 86 5.3 5.6 8.4#
 42 8.9 7.6 11.4
 44 4.7 4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 9.519 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.019 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion: 63 Resp: 1084978
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.3 6.8
 100 2.2 1.4 4.0



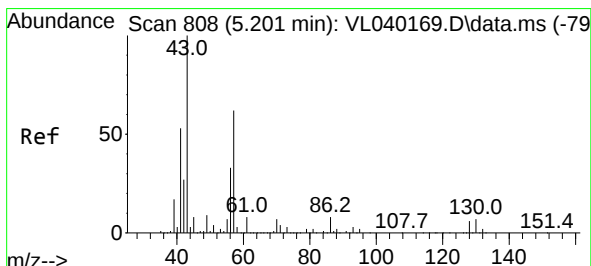
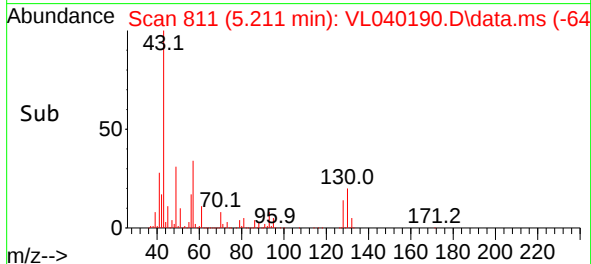
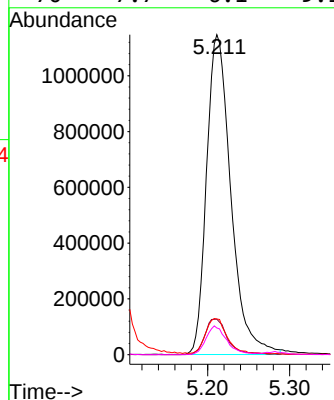
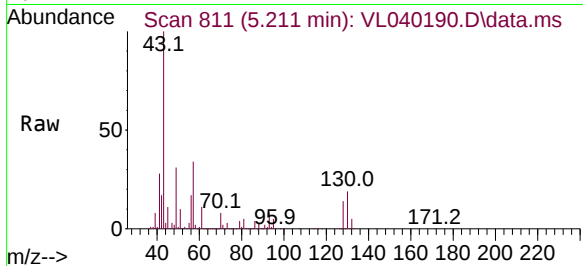


#25
Ethyl Acetate
Concen: 10.579 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.019 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2363054

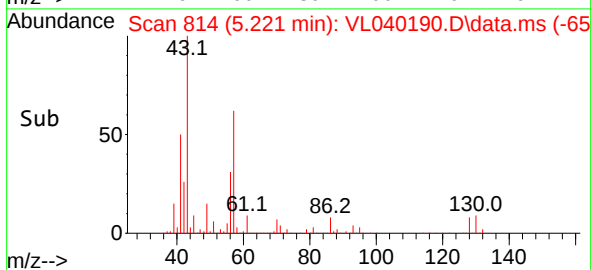
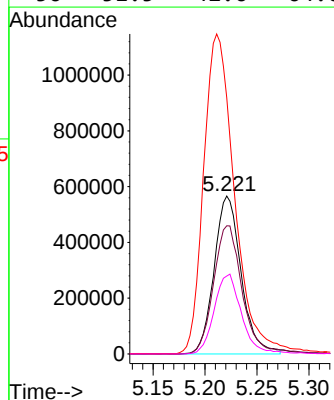
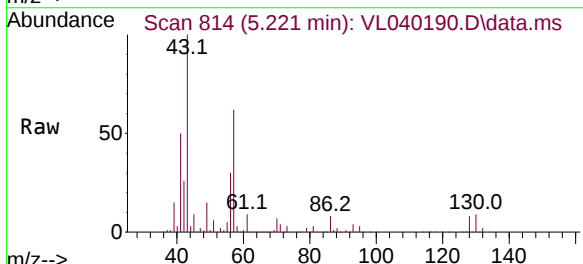
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.3	12.5
61	10.9	8.4	12.6
70	7.7	6.1	9.1

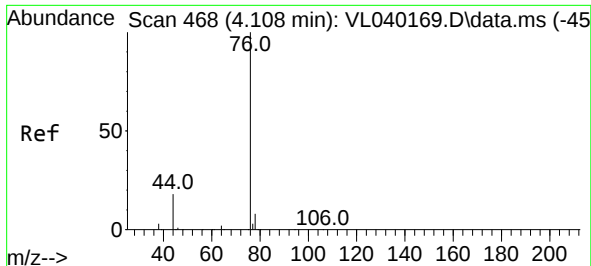


#26
Hexane
Concen: 10.665 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.019 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 57 Resp: 1022702

Ion	Ratio	Lower	Upper
57	100		
41	87.0	74.3	111.5
43	233.7	193.0	289.4
56	51.5	42.6	64.0

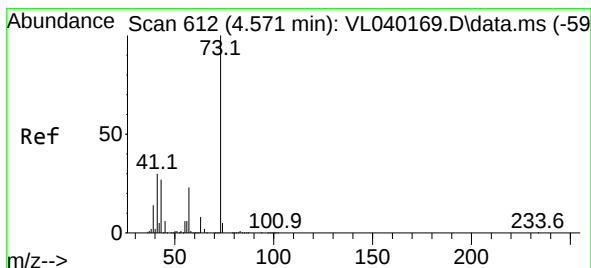
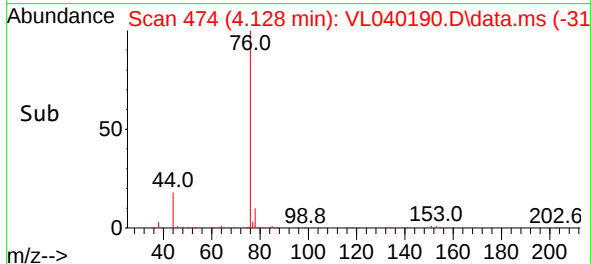
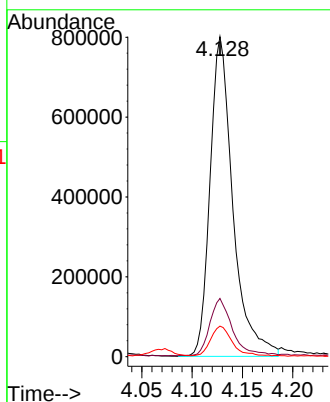
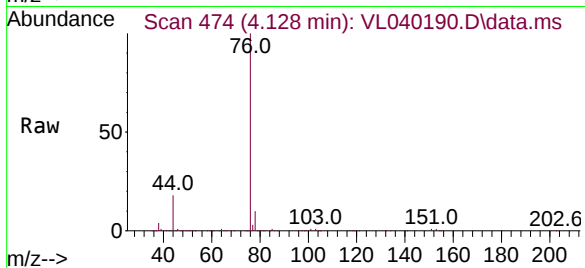




#27
Carbon Disulfide
Concen: 10.411 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

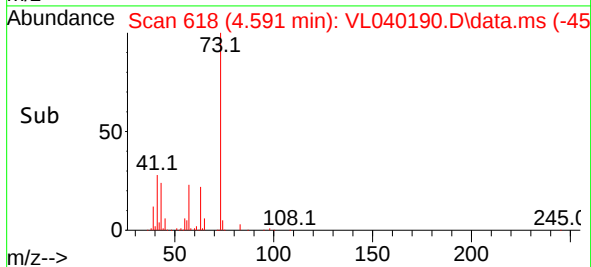
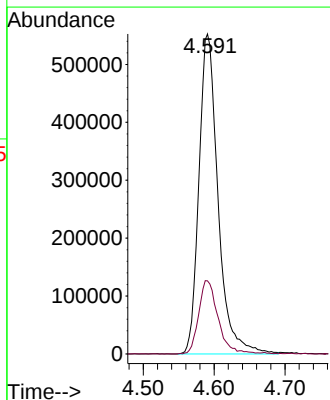
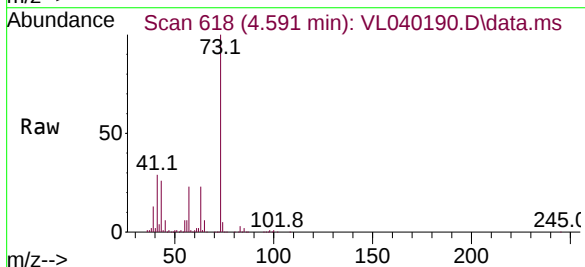
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

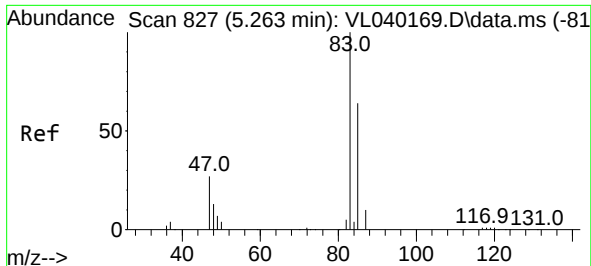
Tgt Ion: 76 Resp: 1266838
Ion Ratio Lower Upper
76 100
44 18.4 15.3 22.9
78 9.8 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.066 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.019 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 73 Resp: 1034271
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2

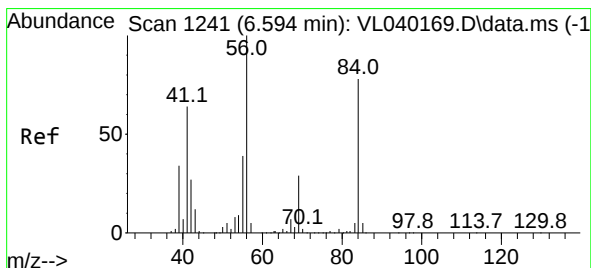
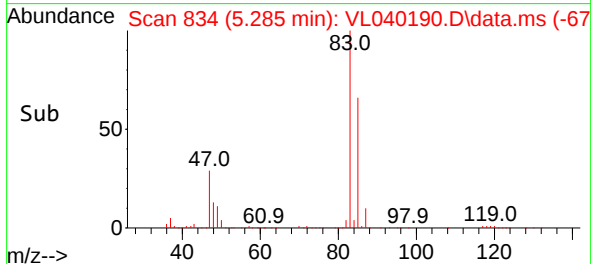
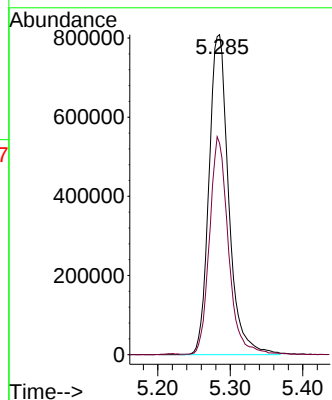
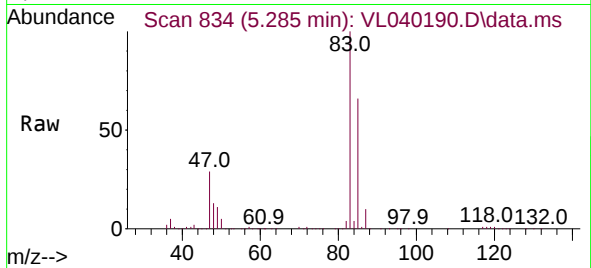




#29
Chloroform
Concen: 9.261 ppbv
RT: 5.285 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

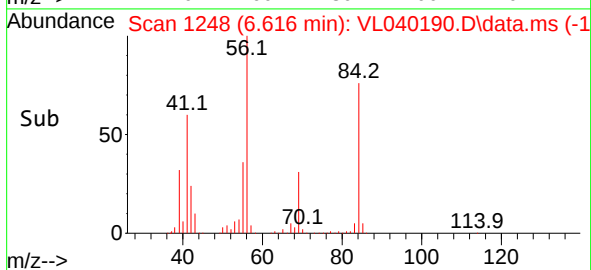
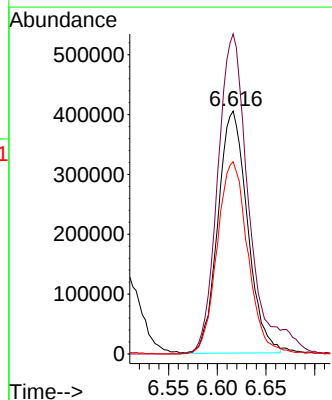
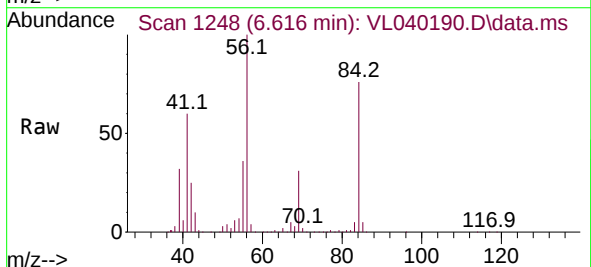
Instrument :
MSVOA_L
ClientSampleId :
VSTDC010EC

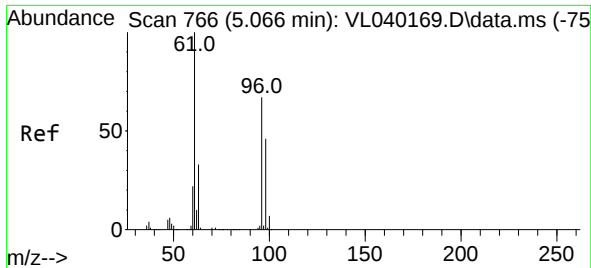
Tgt Ion: 83 Resp: 1524927
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3



#30
Cyclohexane
Concen: 11.322 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.023 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 84 Resp: 852537
Ion Ratio Lower Upper
84 100
56 140.6 109.9 164.9
41 82.4 67.8 101.6

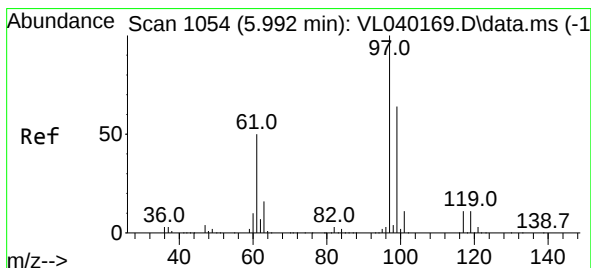
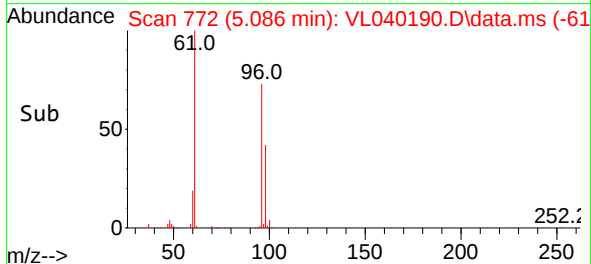
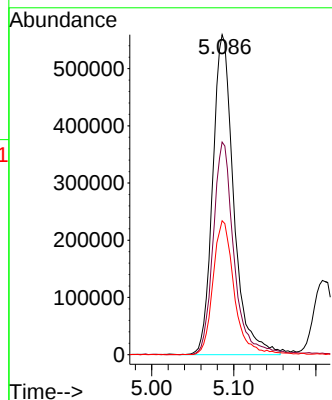
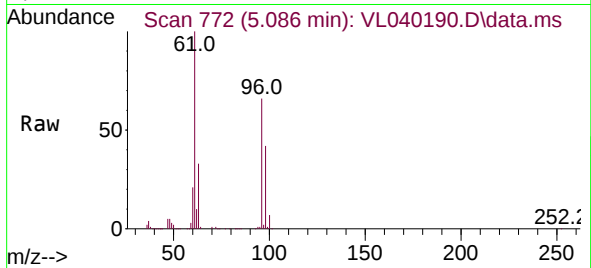




#31
 cis-1,2-Dichloroethene
 Concen: 10.956 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

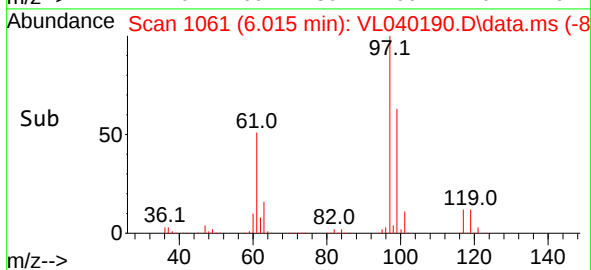
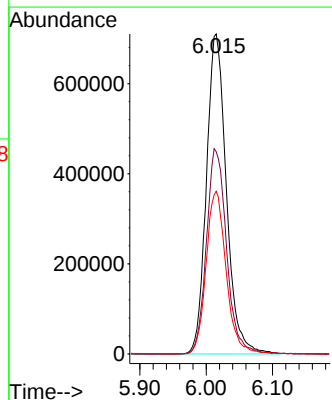
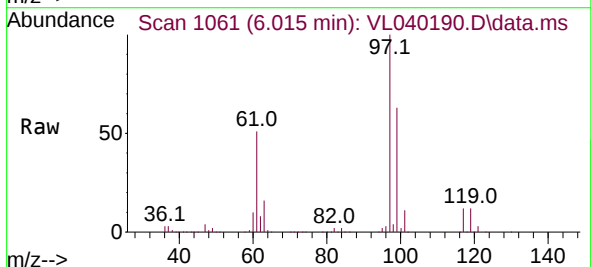
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

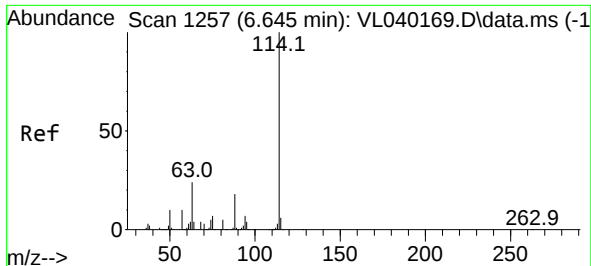
Tgt Ion: 61 Resp: 998213
 Ion Ratio Lower Upper
 61 100
 96 66.4 53.7 80.5
 98 41.8 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 9.599 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.023 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion: 97 Resp: 1484973
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.5 77.3
 61 51.2 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

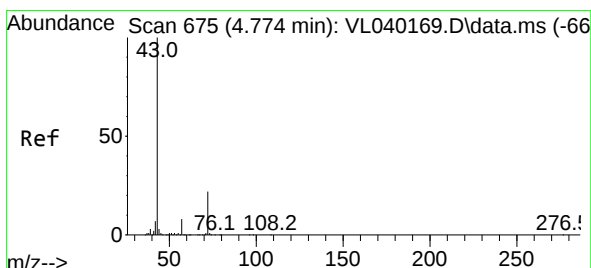
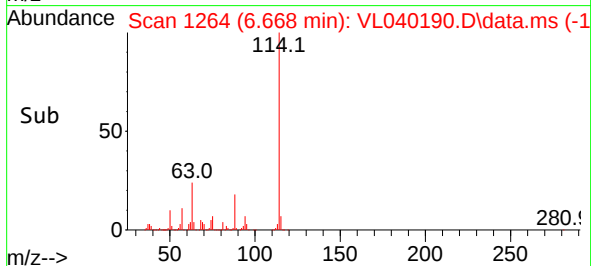
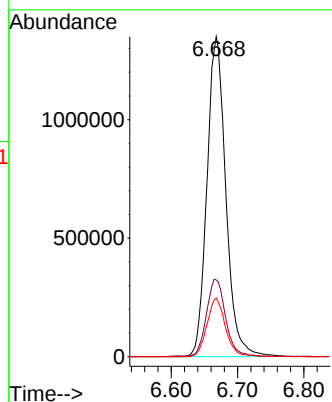
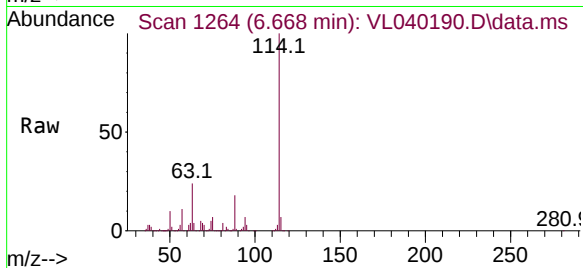
Tgt Ion:114 Resp: 2674916

Ion Ratio Lower Upper

114 100

63 25.0 20.4 30.6

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 9.549 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.016 min

Lab File: VL040190.D

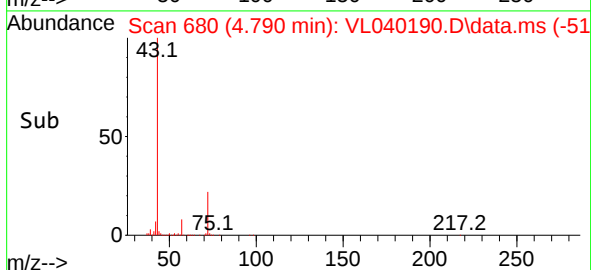
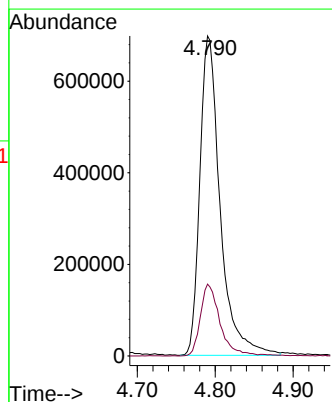
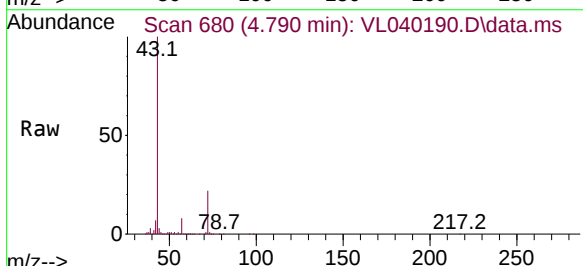
Acq: 17 Feb 2023 8:17

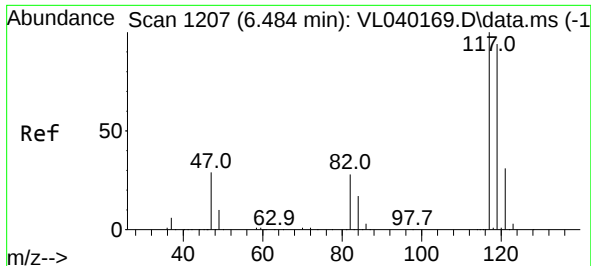
Tgt Ion: 43 Resp: 1259980

Ion Ratio Lower Upper

43 100

72 22.1 17.8 26.8

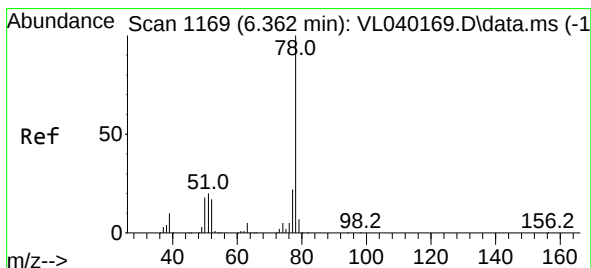
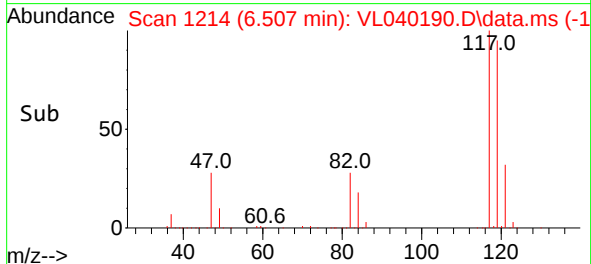
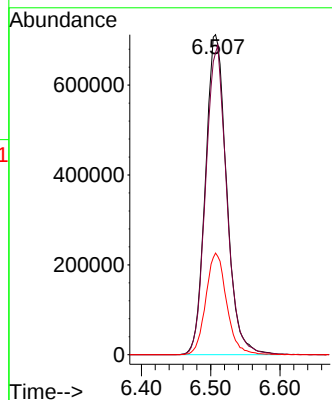
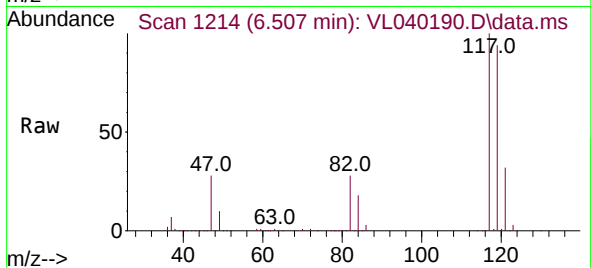




#35
Carbon Tetrachloride
Concen: 9.549 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.023 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

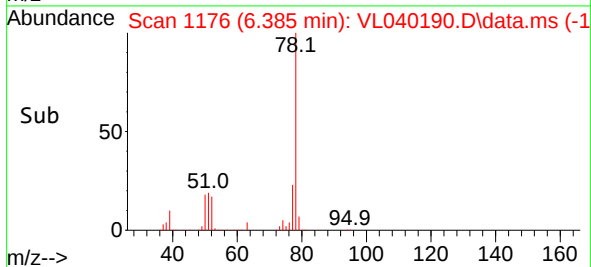
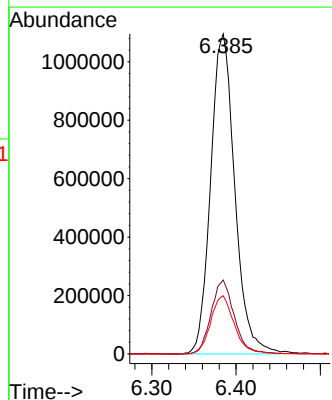
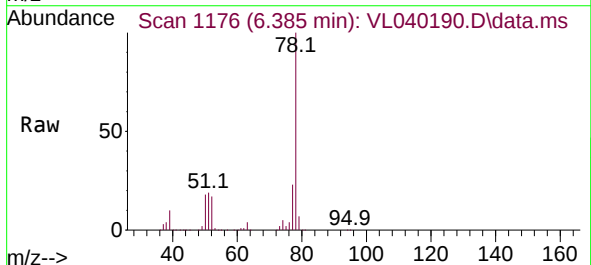
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

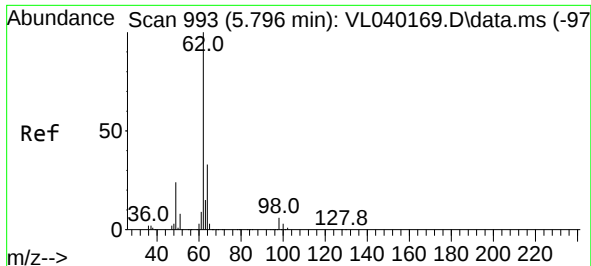
Tgt Ion:117 Resp: 1510056
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
121 31.7 25.0 37.4



#36
Benzene
Concen: 10.462 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.023 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 78 Resp: 2177857
Ion Ratio Lower Upper
78 100
77 23.1 17.5 26.3
50 18.2 14.6 22.0





#37

1,2-Dichloroethane

Concen: 8.870 ppbv

RT: 5.816 min Scan# 993

Delta R.T. 0.019 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_L

ClientSampleId :

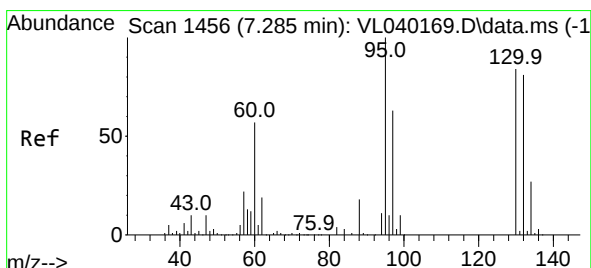
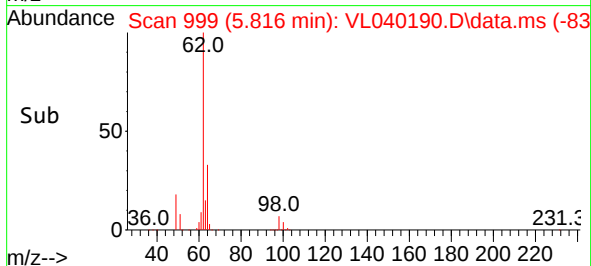
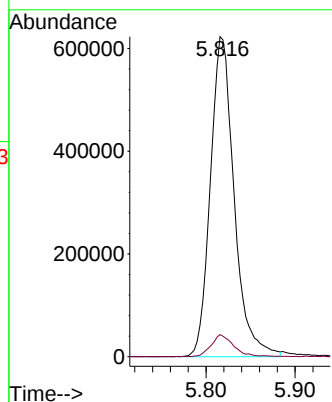
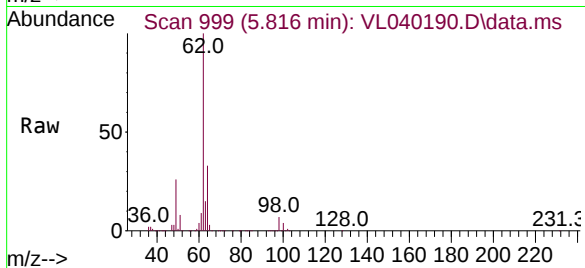
VSTDCCC010EC

Tgt Ion: 62 Resp: 1154771

Ion Ratio Lower Upper

62 100

98 6.7 4.7 7.1



#38

Trichloroethene

Concen: 10.614 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. 0.023 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Tgt Ion:130 Resp: 1217522

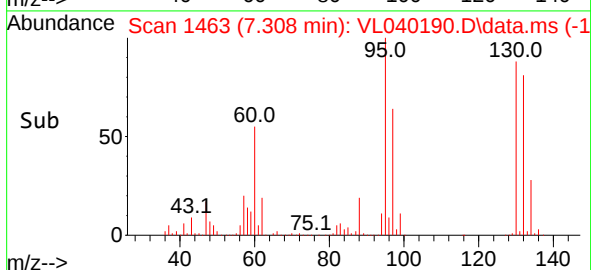
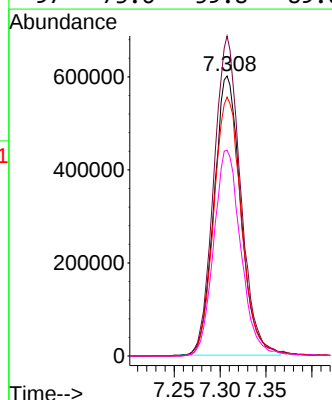
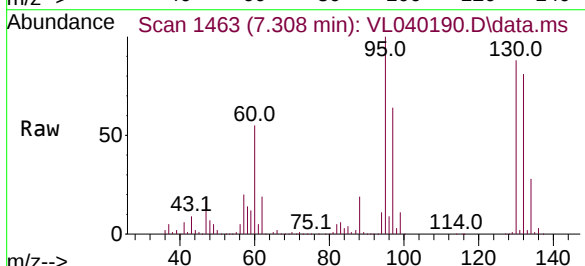
Ion Ratio Lower Upper

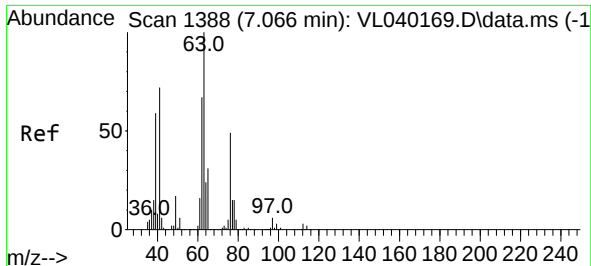
130 100

95 114.5 94.7 142.1

132 92.7 76.4 114.6

97 73.6 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.248 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

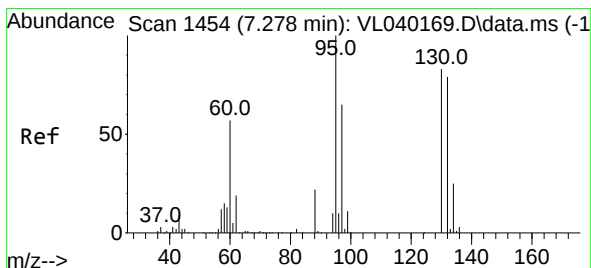
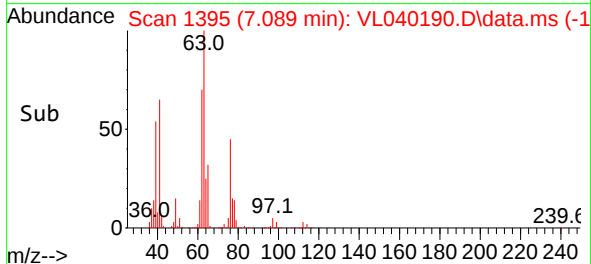
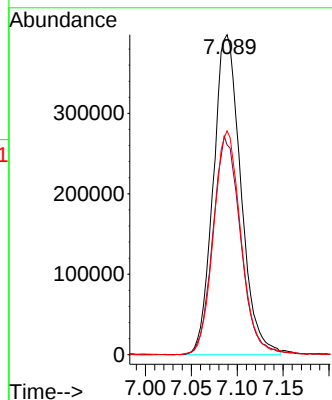
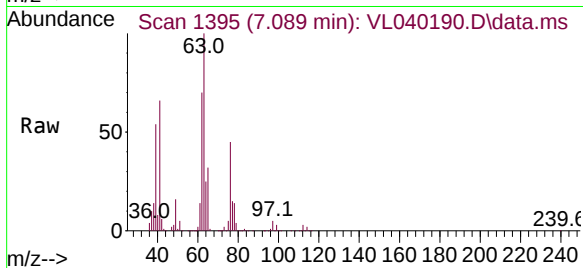
Tgt Ion: 63 Resp: 829855

Ion Ratio Lower Upper

63 100

41 65.6 57.6 86.4

62 69.9 54.0 81.0



#40

1,4-Dioxane

Concen: 10.180 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.023 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Tgt Ion: 88 Resp: 329776

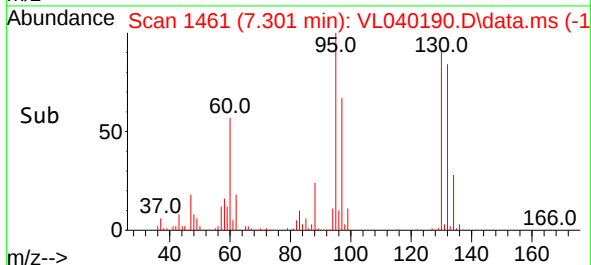
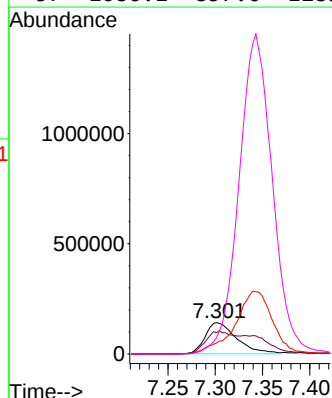
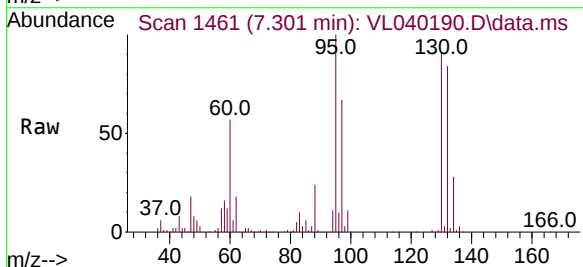
Ion Ratio Lower Upper

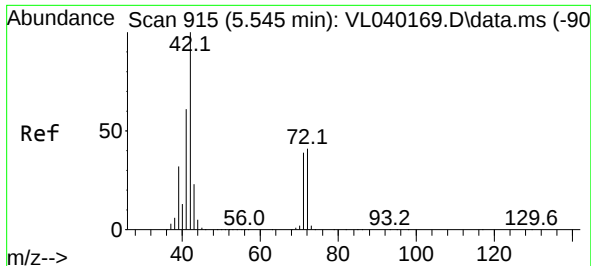
88 100

58 123.2 97.4 146.0

43 240.4 193.5 290.3

57 1086.1 857.0 1285.6





#41

Tetrahydrofuran

Concen: 11.223 ppbv

RT: 5.565 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

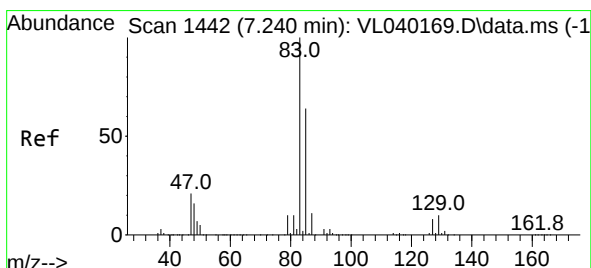
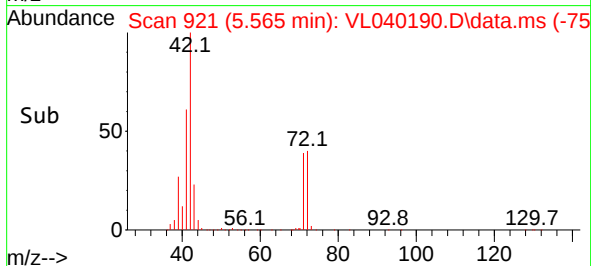
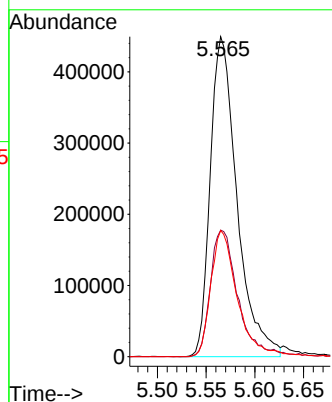
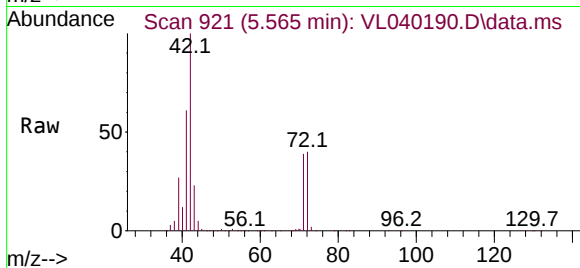
Tgt Ion: 42 Resp: 858154

Ion Ratio Lower Upper

42 100

72 41.3 33.0 49.4

71 39.6 31.4 47.2



#42

Bromodichloromethane

Concen: 9.392 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.026 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

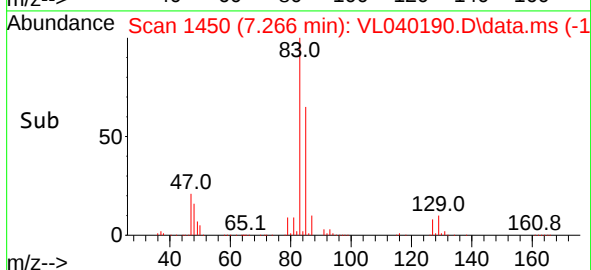
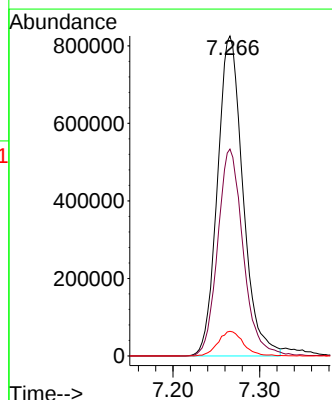
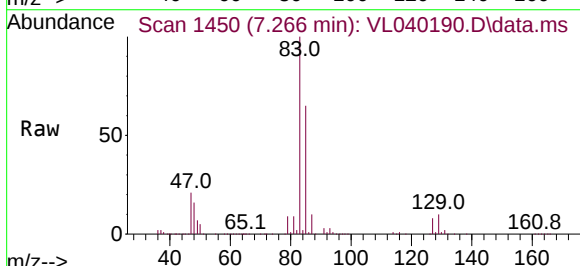
Tgt Ion: 83 Resp: 1687793

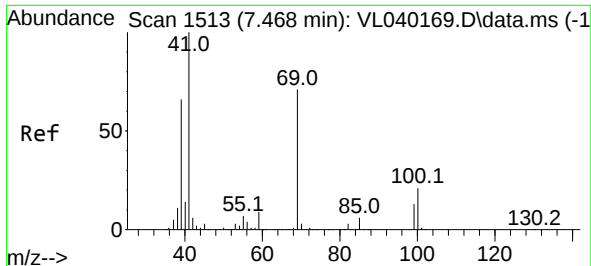
Ion Ratio Lower Upper

83 100

85 64.6 50.9 76.3

127 7.7 6.2 9.2

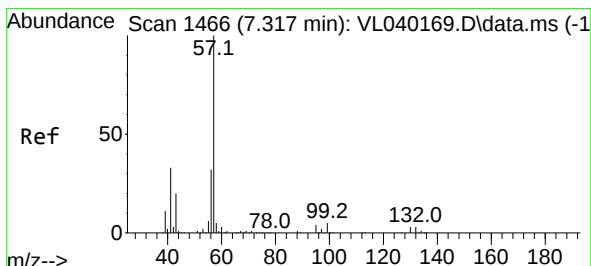
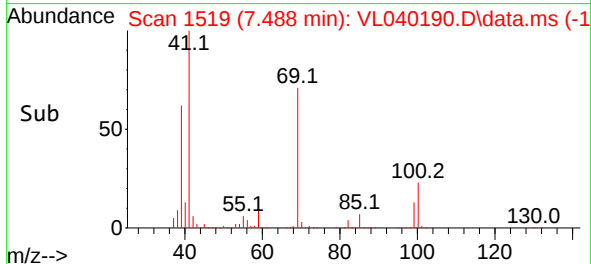
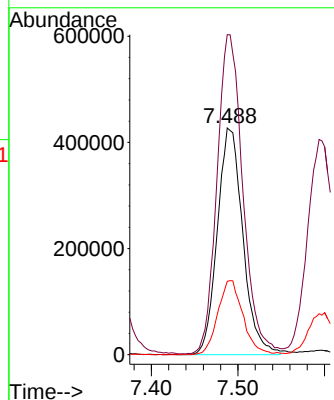
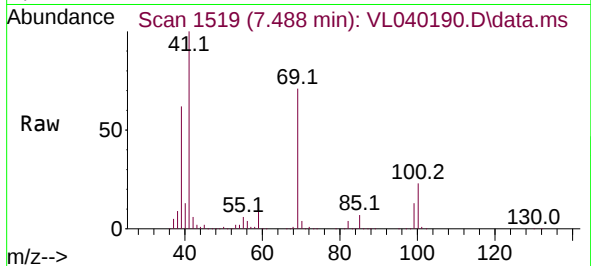




#43
Methyl Methacrylate
Concen: 11.354 ppbv
RT: 7.488 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

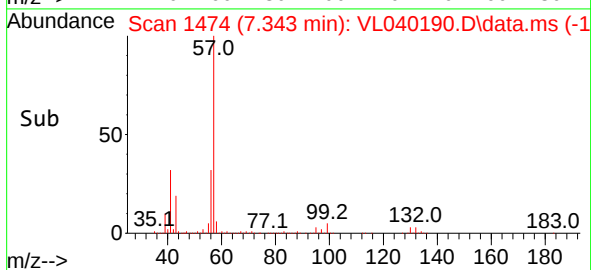
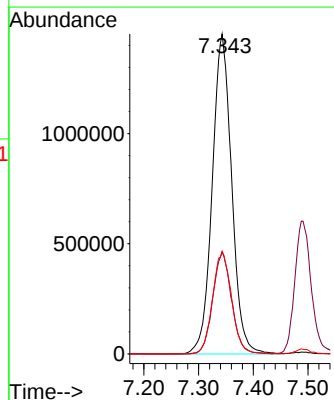
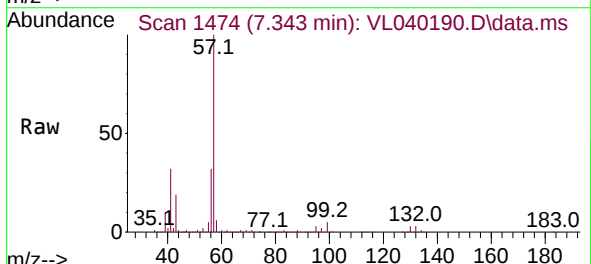
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

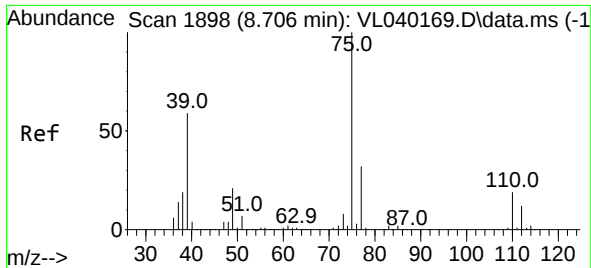
Tgt Ion: 69 Resp: 874526
Ion Ratio Lower Upper
69 100
41 143.7 116.6 174.8
100 32.4 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 10.302 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 57 Resp: 3579970
Ion Ratio Lower Upper
57 100
41 30.8 26.2 39.4
56 31.2 24.9 37.3

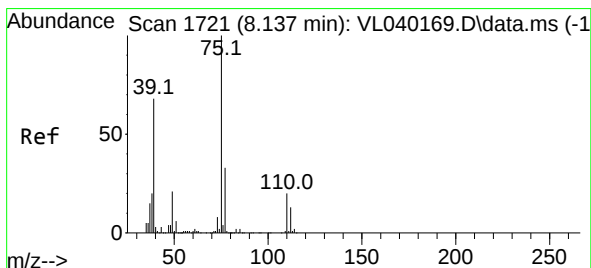
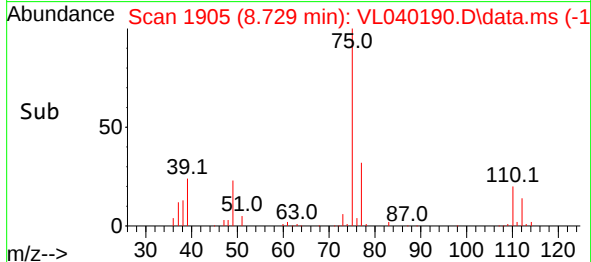
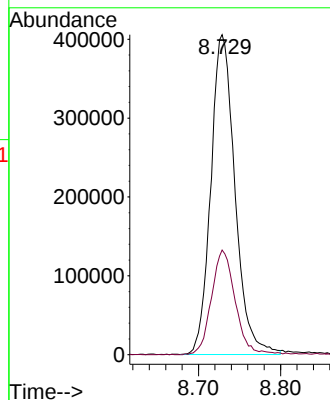
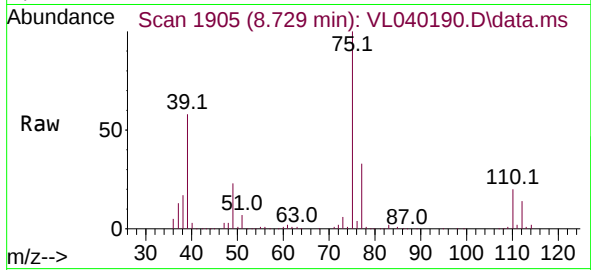




#45
 t-1,3-Dichloropropene
 Concen: 12.135 ppbv
 RT: 8.729 min Scan# 1905
 Delta R.T. 0.023 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

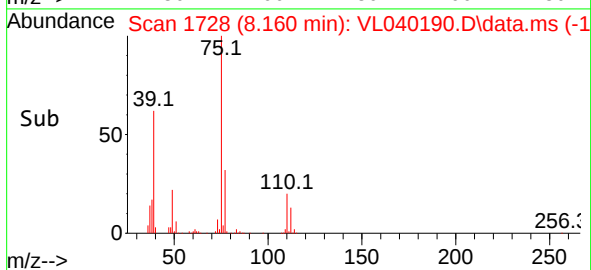
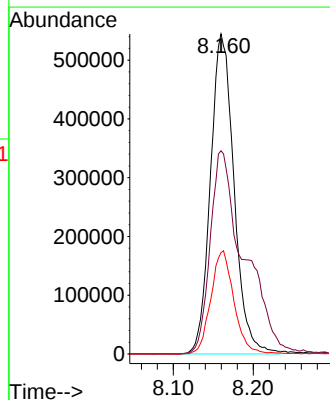
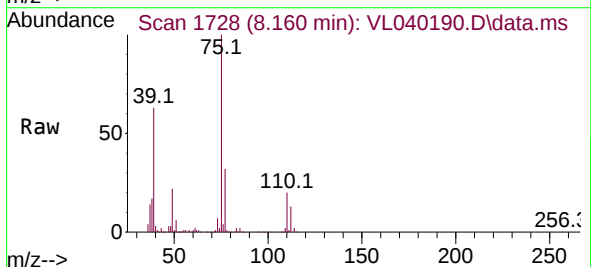
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

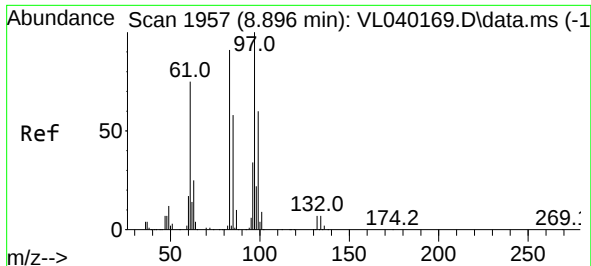
Tgt Ion: 75 Resp: 829155
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 11.707 ppbv
 RT: 8.160 min Scan# 1728
 Delta R.T. 0.023 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion: 75 Resp: 1114398
 Ion Ratio Lower Upper
 75 100
 39 63.5 54.2 81.2
 77 31.6 26.0 39.0

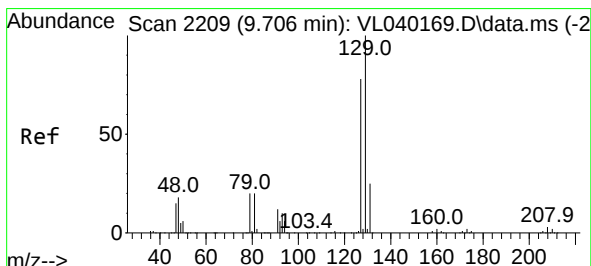
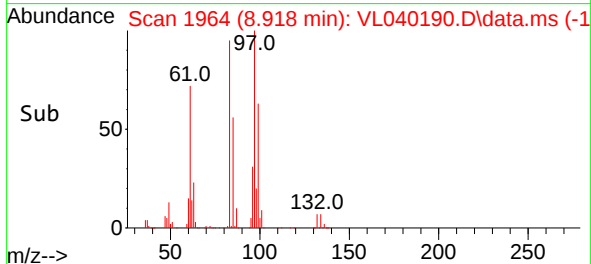
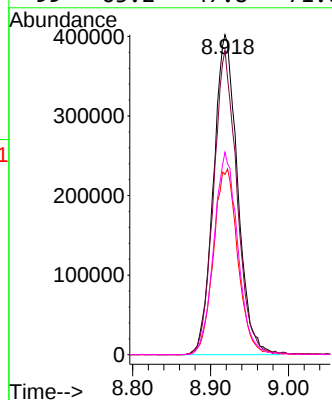
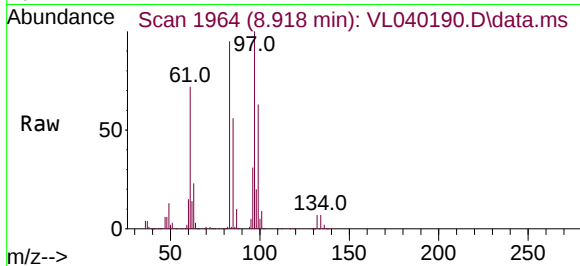




#47
1,1,2-Trichloroethane
Concen: 9.865 ppbv
RT: 8.918 min Scan# 1957
Delta R.T. 0.023 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

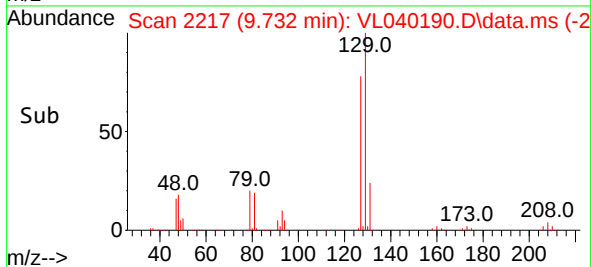
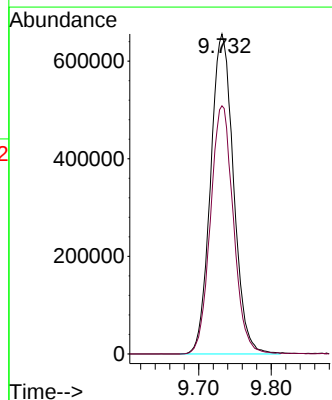
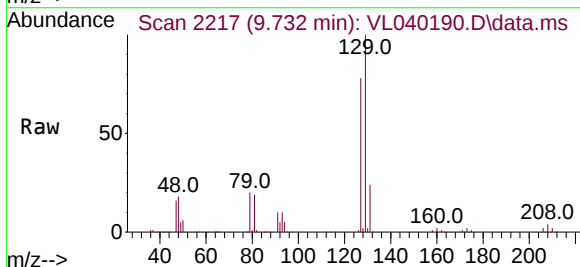
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

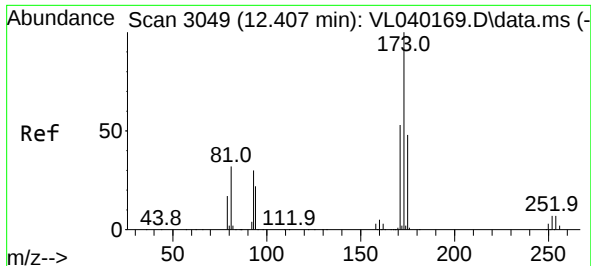
Tgt Ion: 97 Resp: 864045
Ion Ratio Lower Upper
97 100
83 95.1 72.8 109.2
85 56.3 46.6 69.8
99 63.2 47.8 71.6



#48
Dibromochloromethane
Concen: 10.305 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 129 Resp: 1443702
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

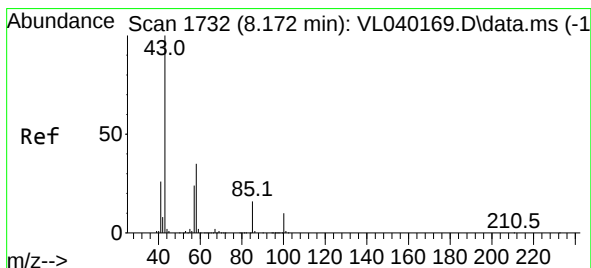
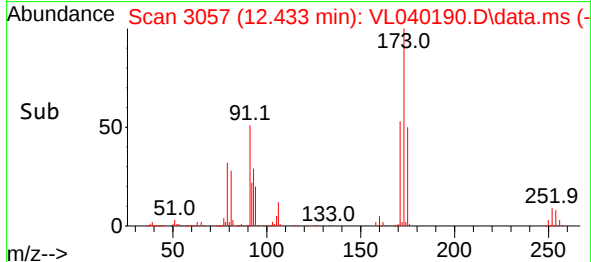
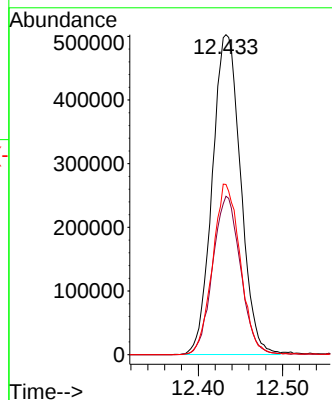
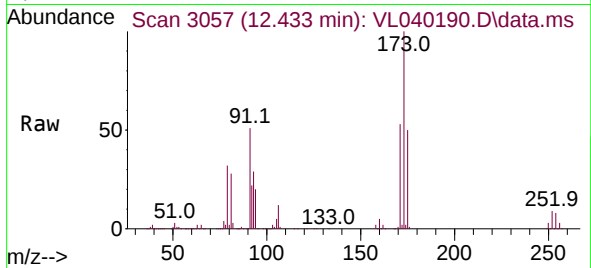




#49
Bromoform
Concen: 10.722 ppbv
RT: 12.433 min Scan# 3049
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

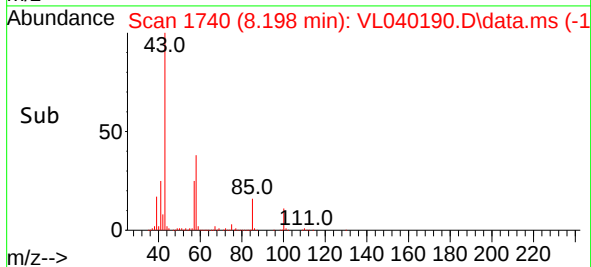
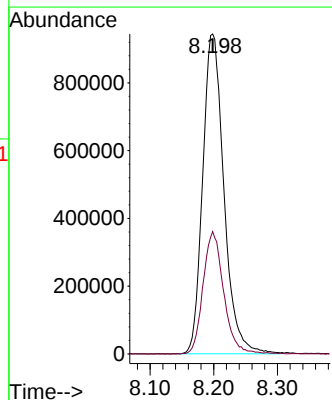
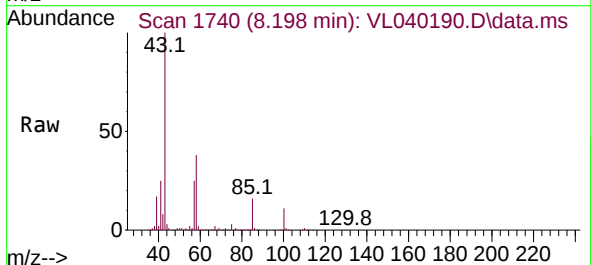
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

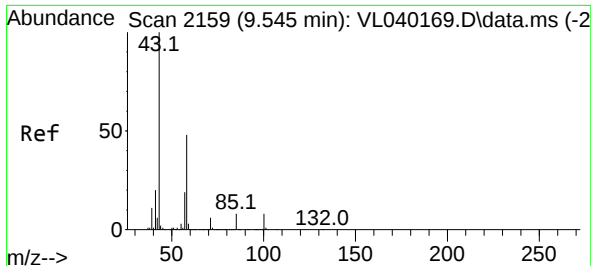
Tgt Ion:173 Resp: 1172440
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.0
171 52.4 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 10.676 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 43 Resp: 2187361
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8

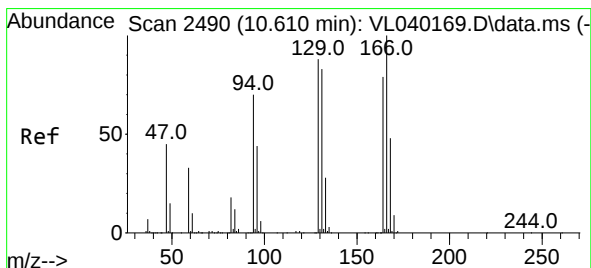
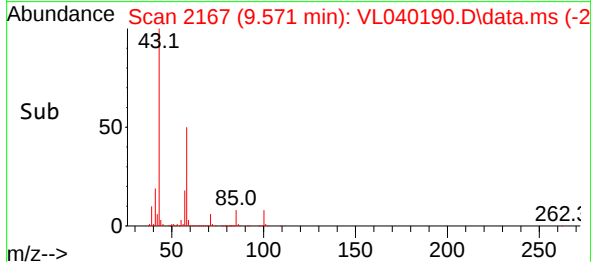
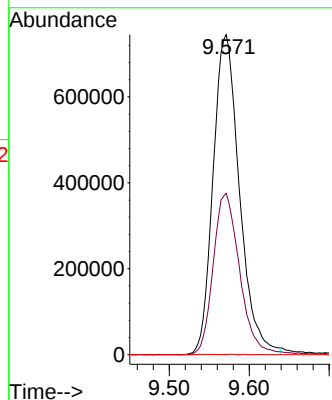
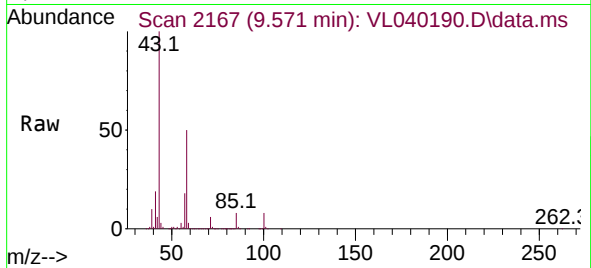




#51
2-Hexanone
Concen: 10.820 ppbv
RT: 9.571 min Scan# 2159
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

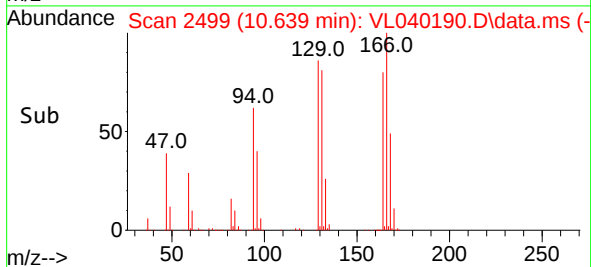
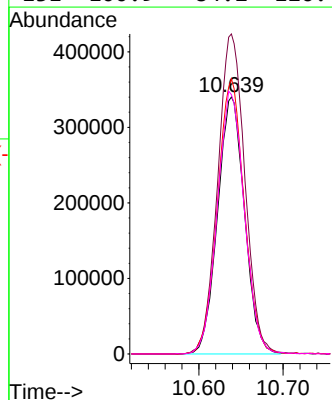
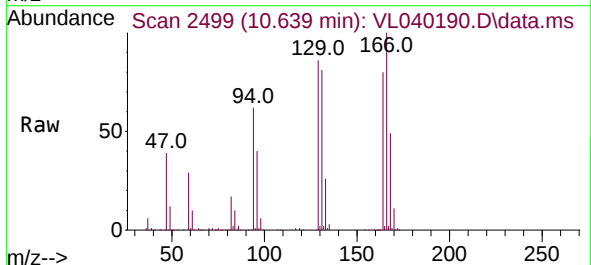
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

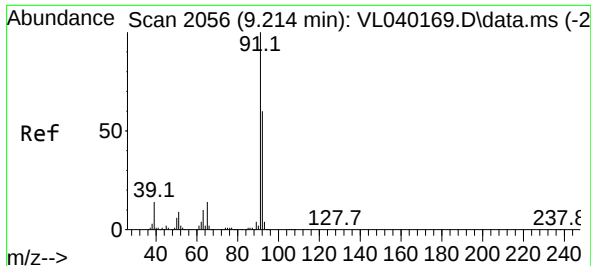
Tgt Ion: 43 Resp: 1704919
Ion Ratio Lower Upper
43 100
58 51.0 39.1 58.7
98 0.1 0.2 0.4#



#52
Tetrachloroethene
Concen: 11.557 ppbv
RT: 10.639 min Scan# 2499
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 164 Resp: 751243
Ion Ratio Lower Upper
164 100
166 124.5 101.5 152.3
129 107.1 89.0 133.4
131 100.9 84.2 126.4

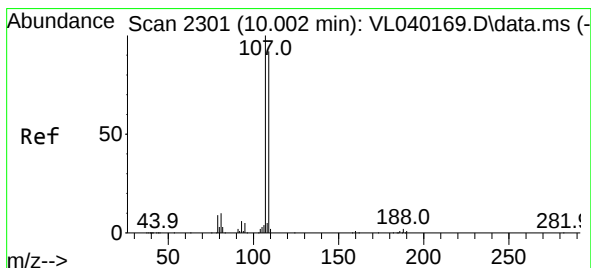
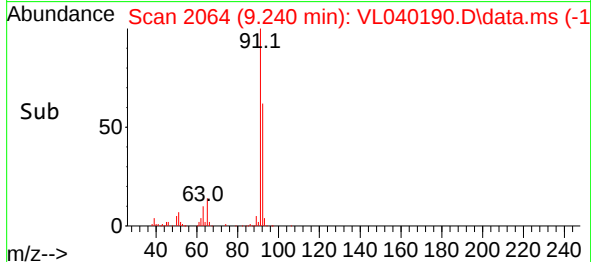
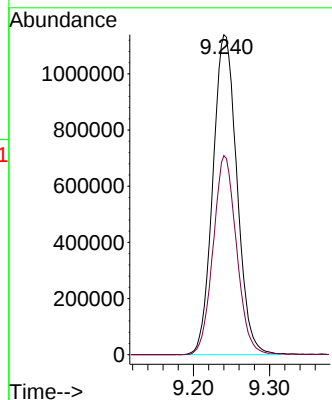
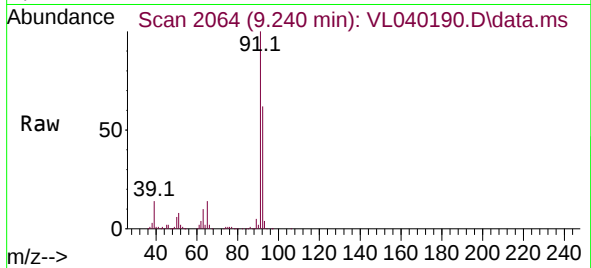




#53
Toluene
Concen: 11.222 ppbv
RT: 9.240 min Scan# 2056
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

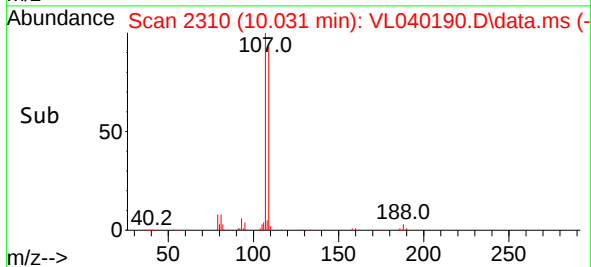
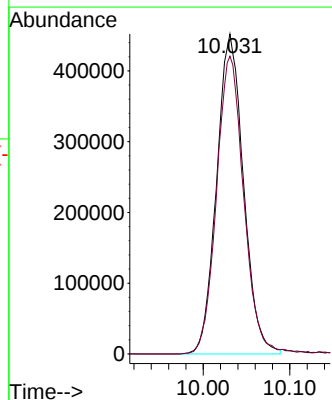
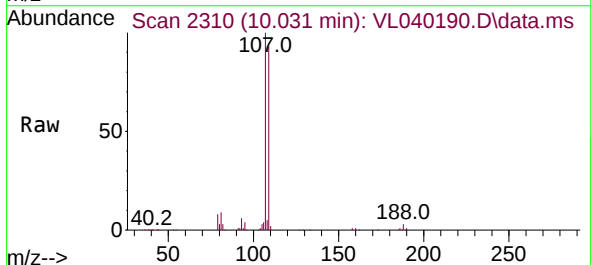
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

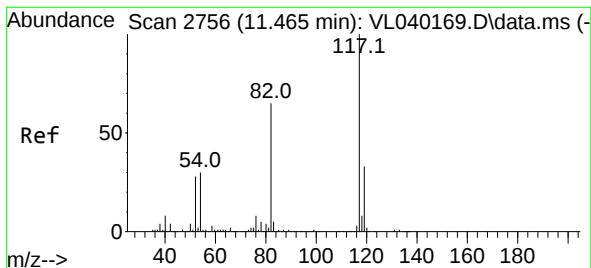
Tgt Ion: 91 Resp: 2502047
Ion Ratio Lower Upper
91 100
92 60.8 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.676 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 107 Resp: 972929
Ion Ratio Lower Upper
107 100
109 93.0 73.8 110.8

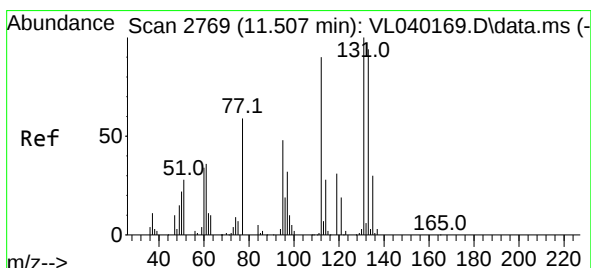
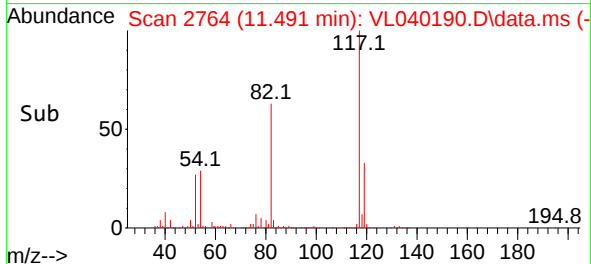
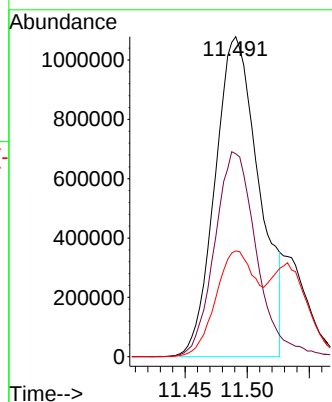
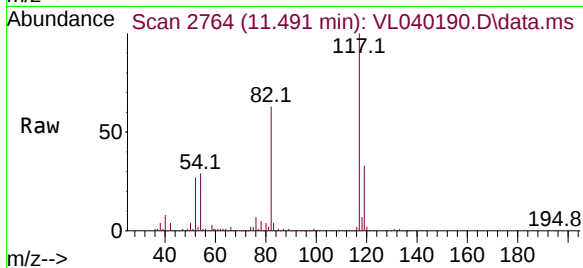




#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.491 min Scan# 2756
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

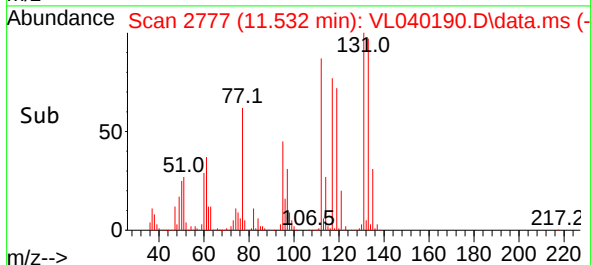
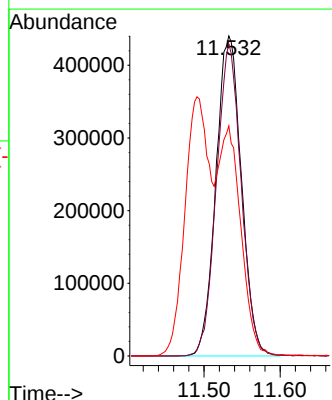
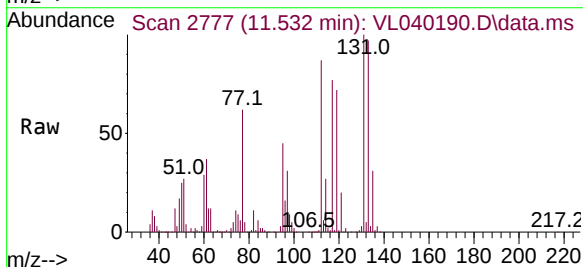
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

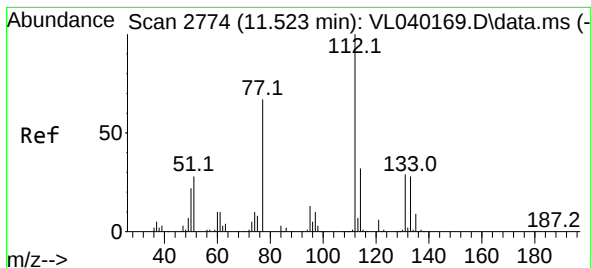
Tgt Ion:117 Resp: 2661555
Ion Ratio Lower Upper
117 100
82 61.4 53.3 79.9
119 30.8 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 9.179 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion:131 Resp: 1025515
Ion Ratio Lower Upper
131 100
133 94.8 76.2 114.2
119 64.6 45.4 68.0

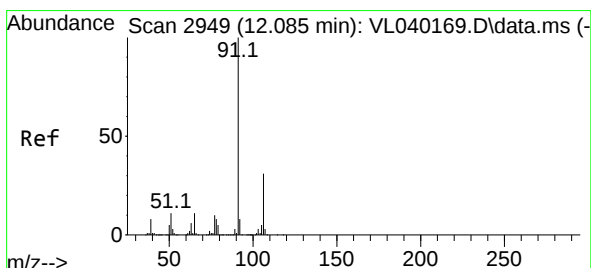
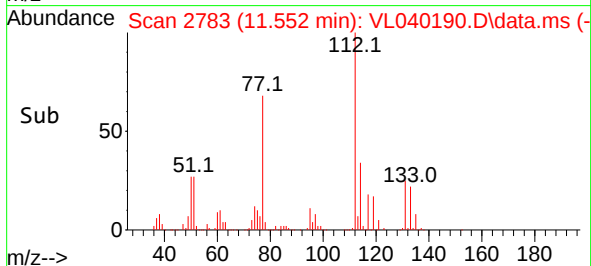
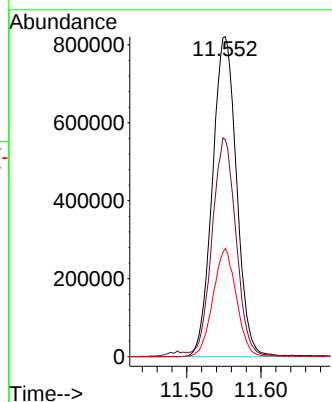
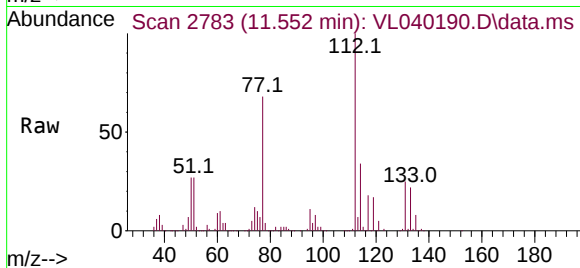




#57
Chlorobenzene
Concen: 9.545 ppbv
RT: 11.552 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

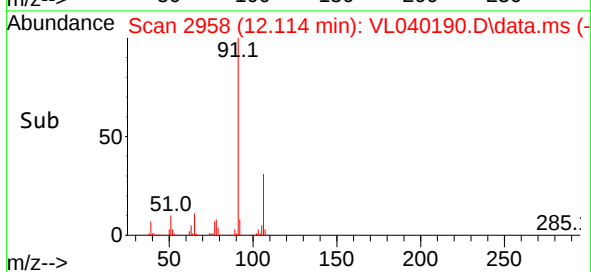
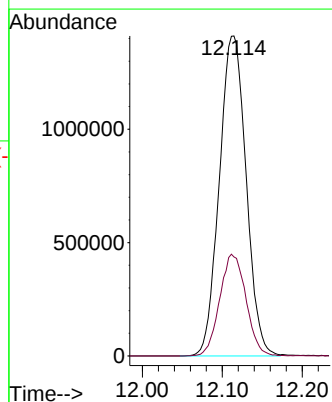
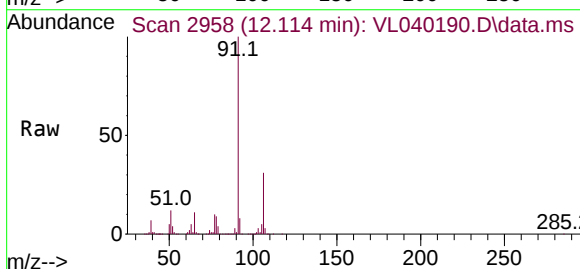
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

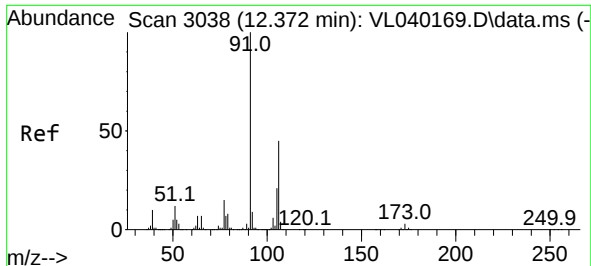
Tgt Ion:112 Resp: 1856084
Ion Ratio Lower Upper
112 100
77 67.6 55.0 82.4
114 33.8 29.0 35.4



#58
Ethyl Benzene
Concen: 10.154 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 91 Resp: 3283529
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3





#59

m/p-Xylene

Concen: 19.145 ppbv m

RT: 12.397 min Scan# 3038

Delta R.T. 0.026 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_1

ClientSampleId :

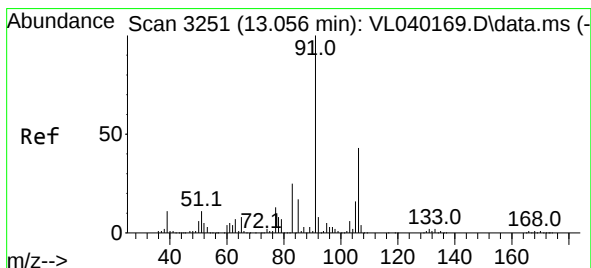
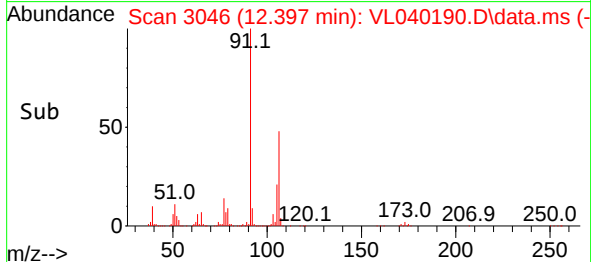
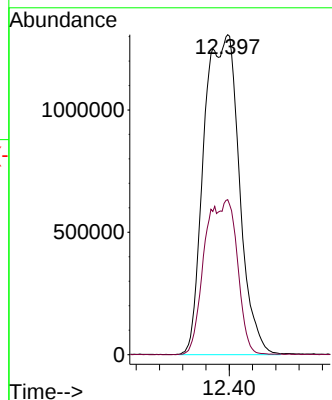
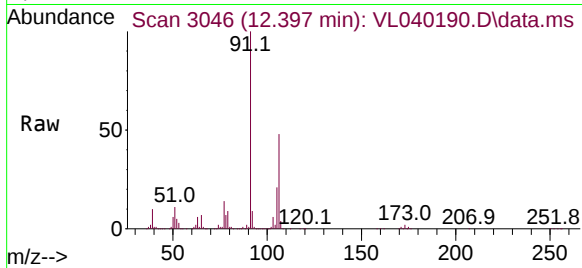
VSTDCCC010EC

Tgt Ion: 91 Resp: 5483532

Ion Ratio Lower Upper

91 100

106 45.1 34.6 51.8



#60

o-Xylene

Concen: 9.457 ppbv

RT: 13.085 min Scan# 3260

Delta R.T. 0.029 min

Lab File: VL040190.D

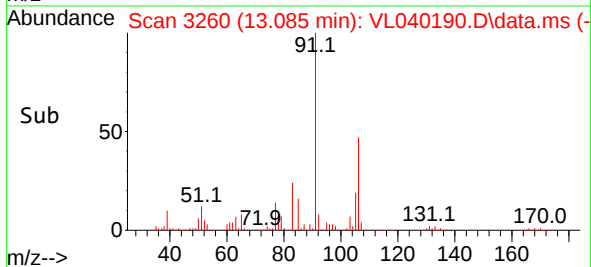
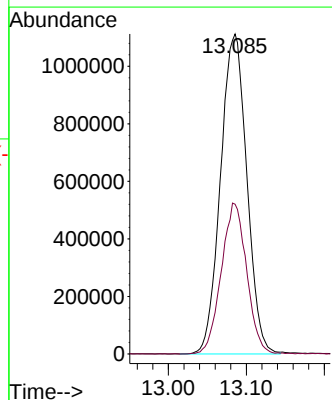
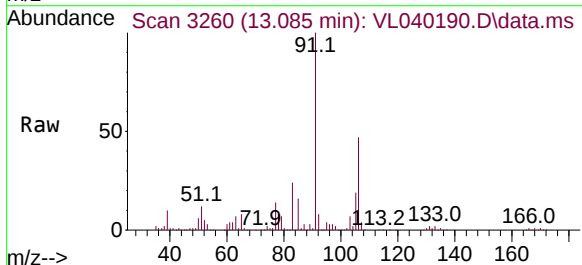
Acq: 17 Feb 2023 8:17

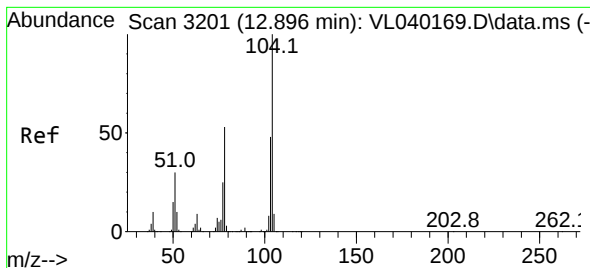
Tgt Ion: 91 Resp: 2606235

Ion Ratio Lower Upper

91 100

106 45.5 21.6 65.0





#61

Styrene

Concen: 11.235 ppbv

RT: 12.922 min Scan# 31

Delta R.T. 0.026 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

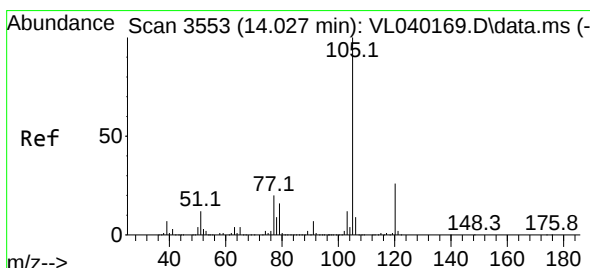
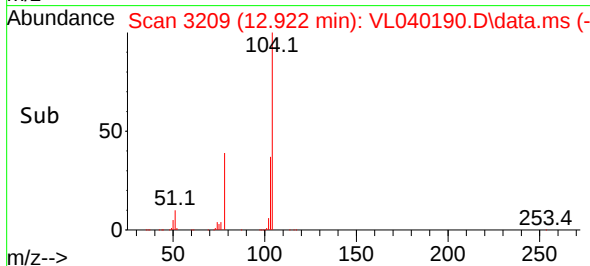
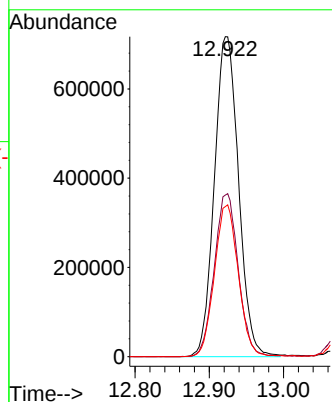
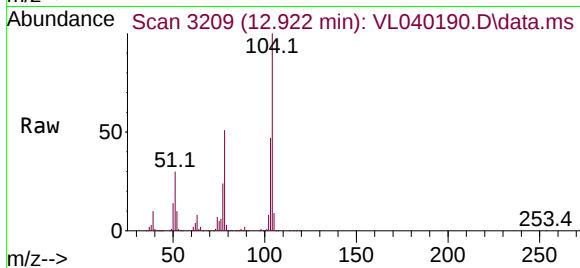
Tgt Ion:104 Resp: 1625566

Ion Ratio Lower Upper

104 100

78 50.5 42.3 63.5

103 47.1 37.5 56.3



#62

Isopropylbenzene

Concen: 9.505 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.026 min

Lab File: VL040190.D

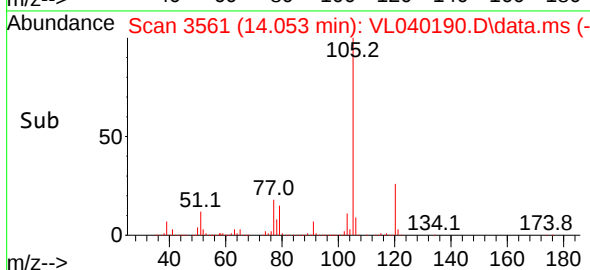
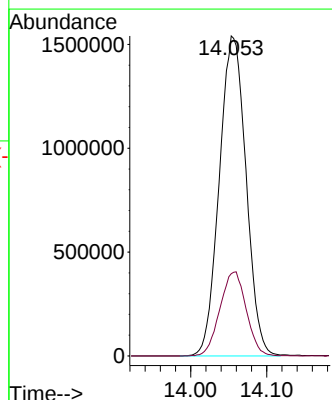
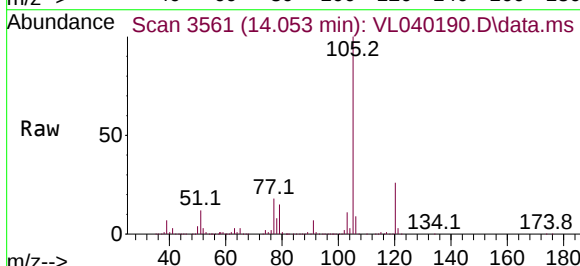
Acq: 17 Feb 2023 8:17

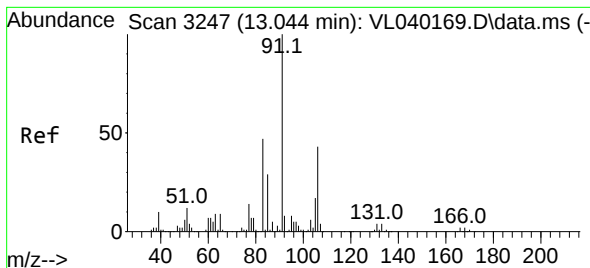
Tgt Ion:105 Resp: 3760053

Ion Ratio Lower Upper

105 100

120 25.9 20.3 30.5

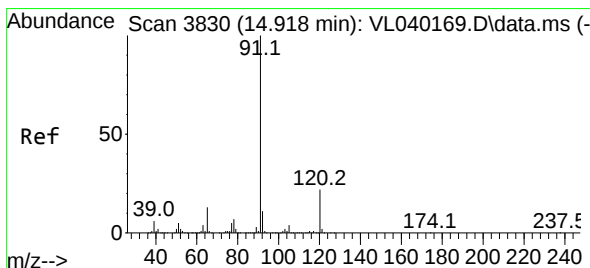
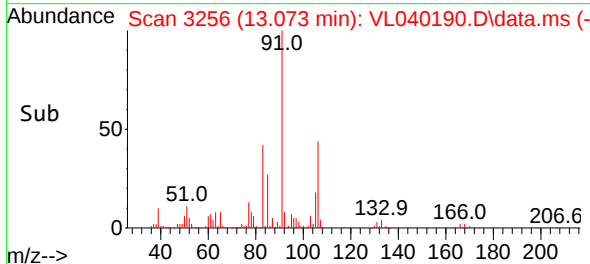
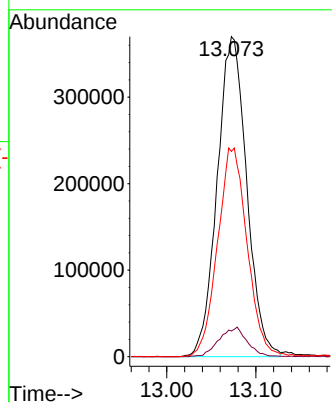
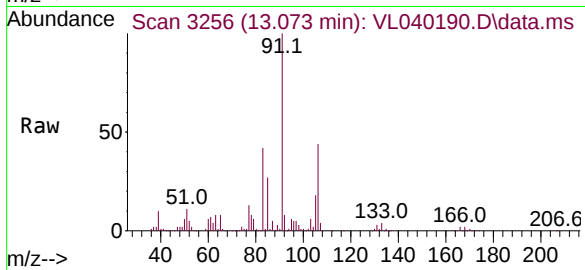




#63
1,1,2,2-Tetrachloroethane
Concen: 8.575 ppbv
RT: 13.073 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

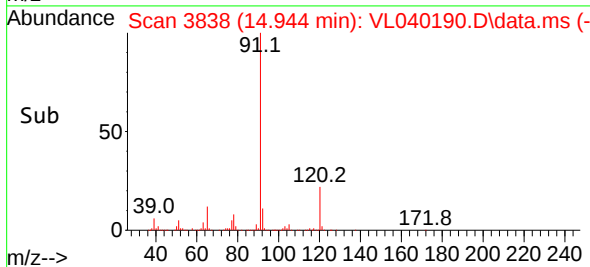
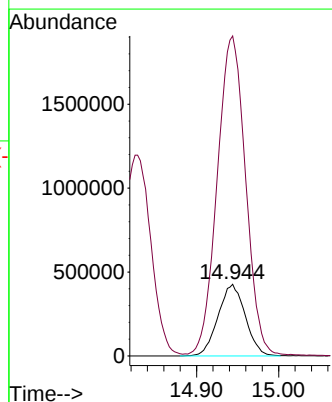
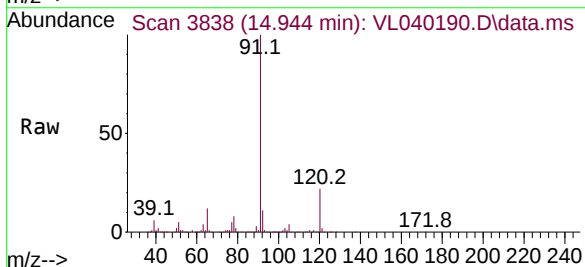
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

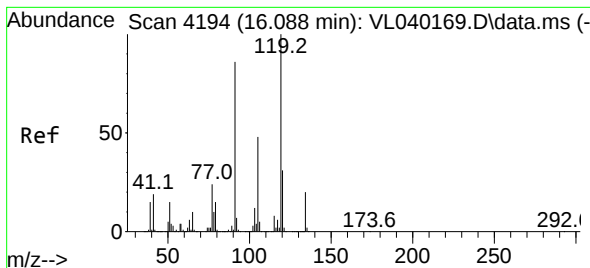
Tgt Ion: 83 Resp: 851663
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 65.7 33.0 99.0



#64
n-propylbenzene
Concen: 10.068 ppbv
RT: 14.944 min Scan# 3838
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 120 Resp: 985734
Ion Ratio Lower Upper
120 100
91 468.7 389.8 584.8

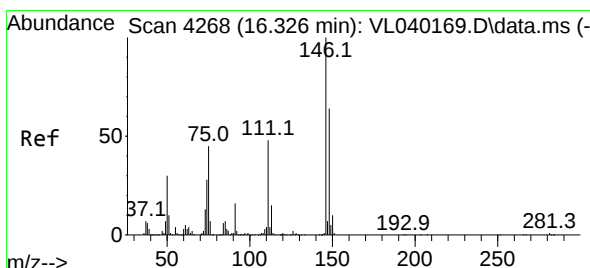
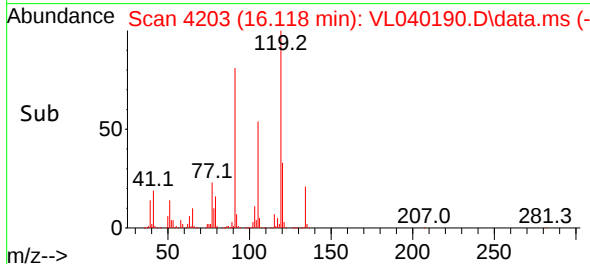
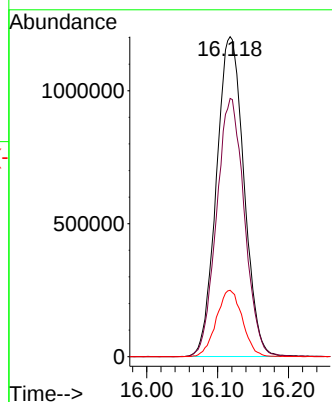
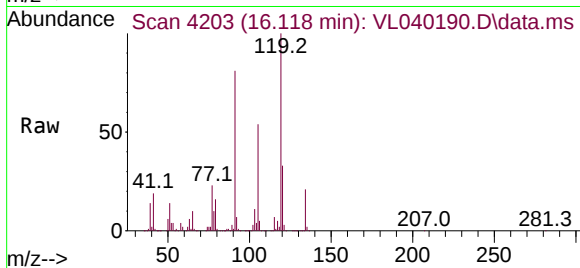




#65
tert-Butylbenzene
Concen: 9.449 ppbv
RT: 16.118 min Scan# 4194
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

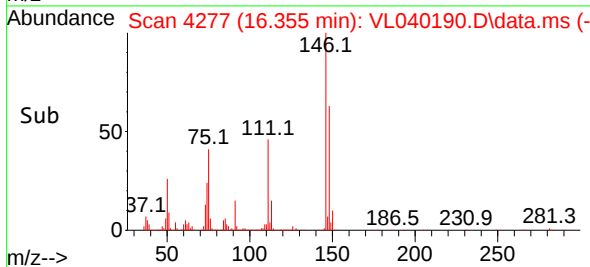
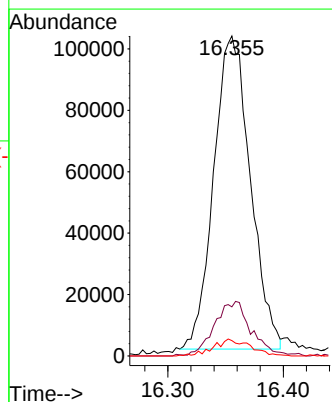
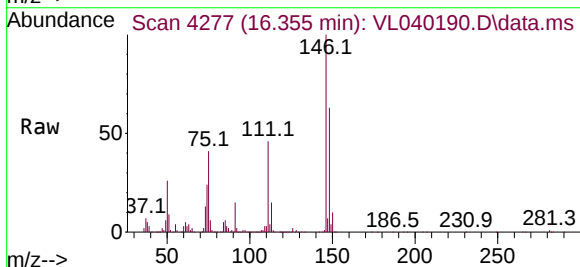
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

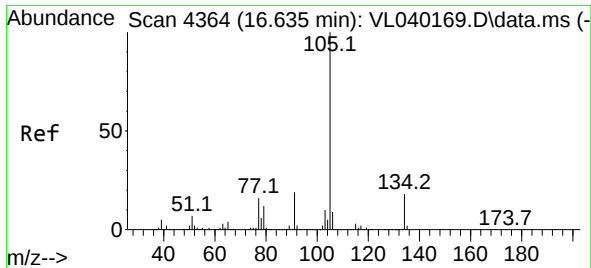
Tgt Ion:119 Resp: 3249389
Ion Ratio Lower Upper
119 100
91 81.6 68.6 102.8
134 19.7 15.9 23.9



#66
Benzyl Chloride
Concen: 9.804 ppbv
RT: 16.355 min Scan# 4277
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion: 91 Resp: 224336
Ion Ratio Lower Upper
91 100
126 17.7 13.1 19.7
128 5.4 4.1 6.1

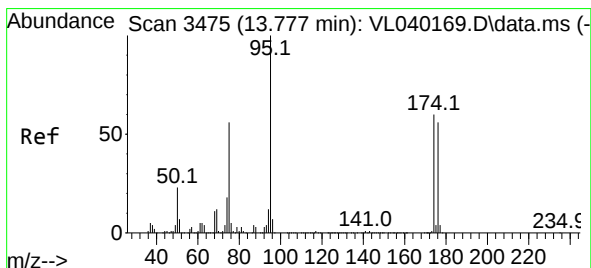
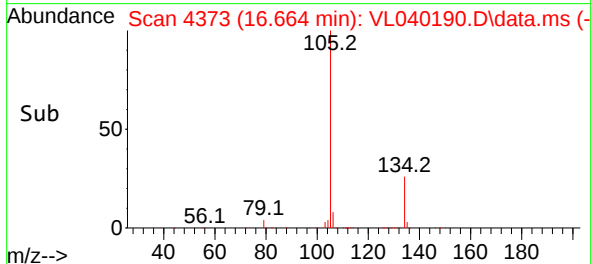
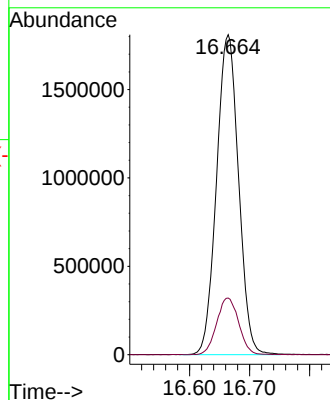
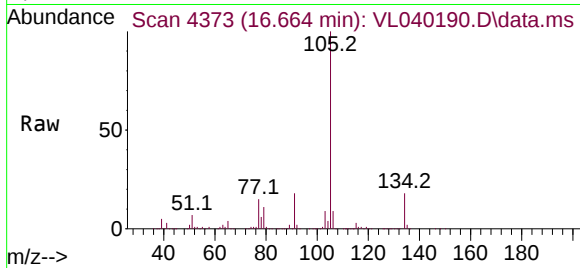




#67
 sec-Butylbenzene
 Concen: 9.319 ppbv
 RT: 16.664 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

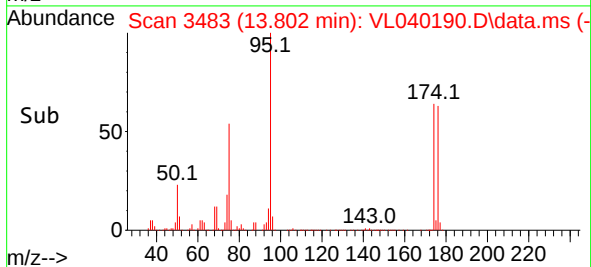
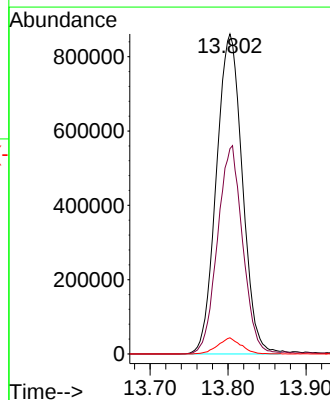
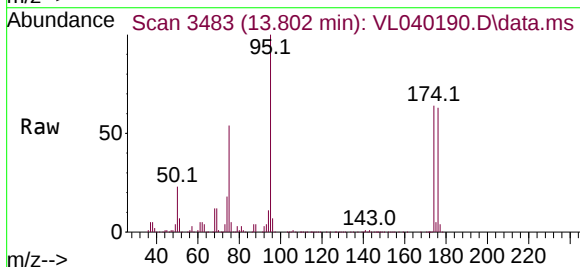
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

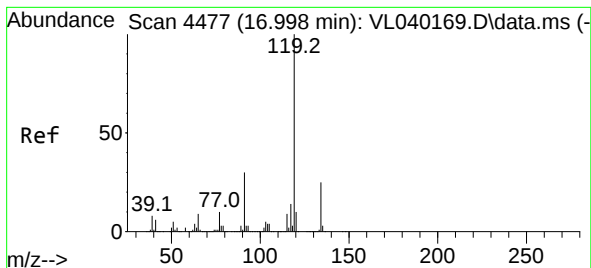
Tgt Ion:105 Resp: 4595890
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.118 ppbv
 RT: 13.802 min Scan# 3483
 Delta R.T. 0.026 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Tgt Ion: 95 Resp: 1995612
 Ion Ratio Lower Upper
 95 100
 174 63.2 48.2 72.2
 175 4.6 3.4 5.2





#69

p-Isopropyltoluene

Concen: 9.571 ppbv

RT: 17.021 min Scan# 4477

Delta R.T. 0.023 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

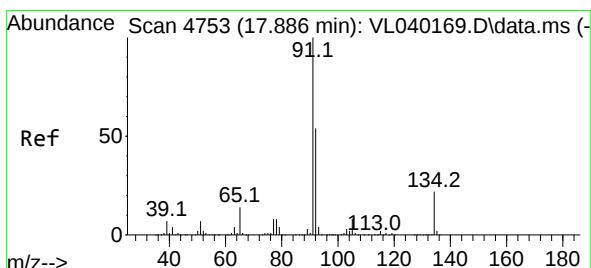
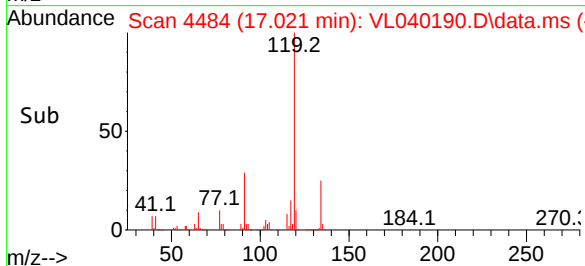
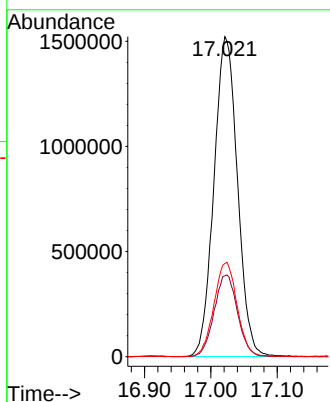
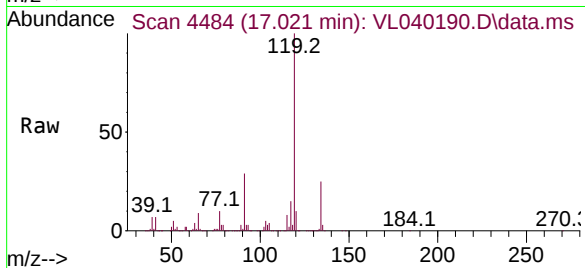
Tgt Ion:119 Resp: 3741713

Ion Ratio Lower Upper

119 100

134 25.5 20.2 30.2

91 29.2 24.7 37.1



#70

n-Butylbenzene

Concen: 9.161 ppbv

RT: 17.912 min Scan# 4761

Delta R.T. 0.026 min

Lab File: VL040190.D

Acq: 17 Feb 2023 8:17

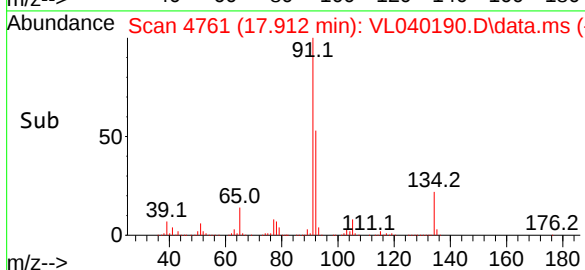
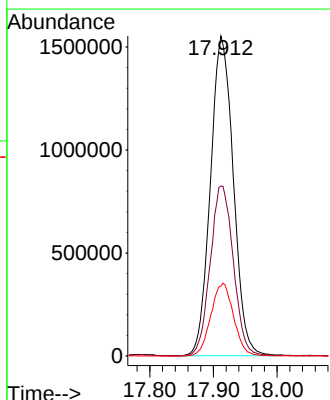
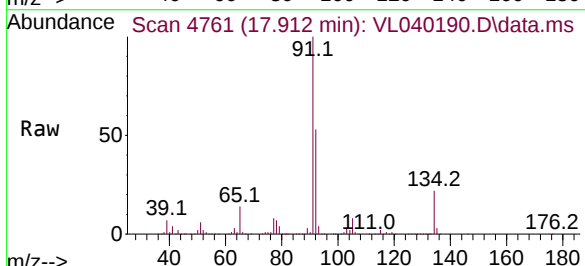
Tgt Ion: 91 Resp: 3887398

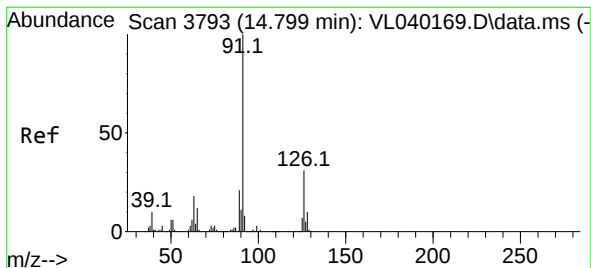
Ion Ratio Lower Upper

91 100

92 53.8 43.0 64.6

134 22.6 16.9 25.3

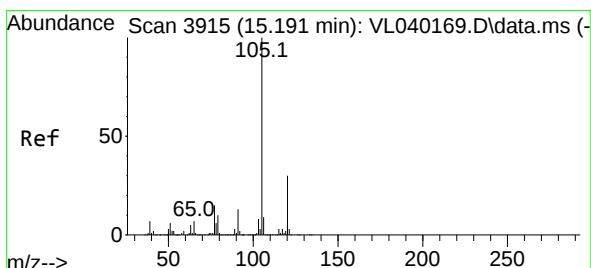
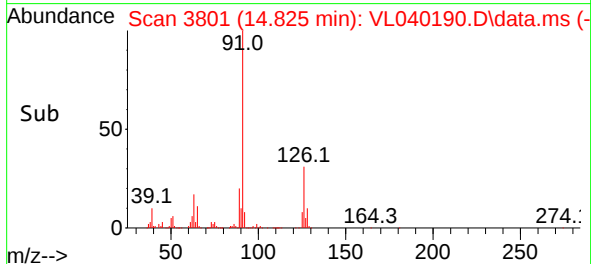
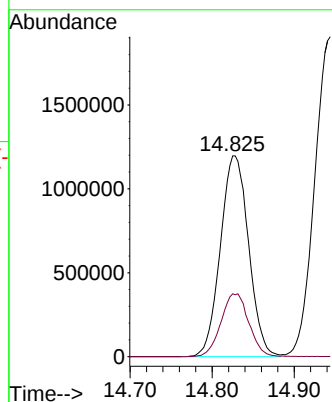
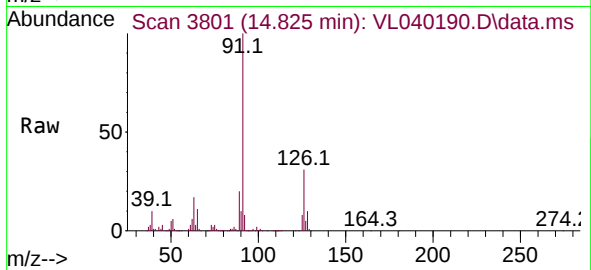




#71
2-Chlorotoluene
Concen: 9.459 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

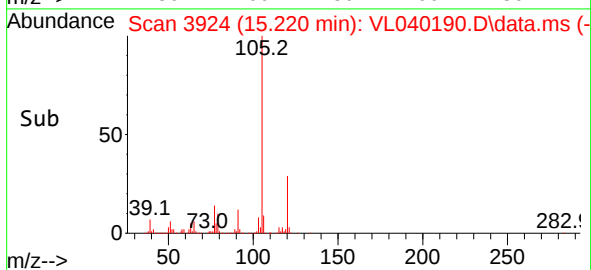
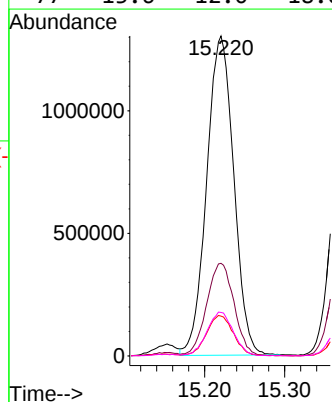
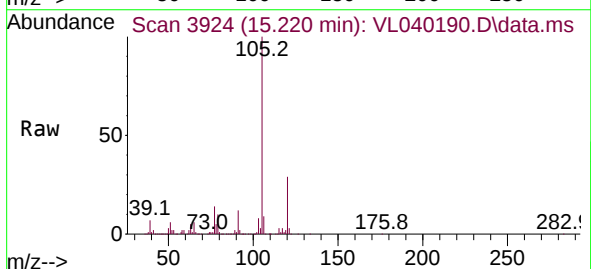
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

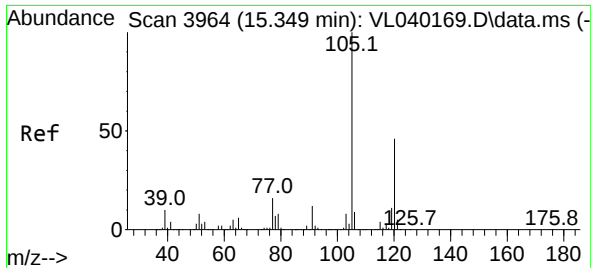
Tgt Ion: 91 Resp: 2861959
Ion Ratio Lower Upper
91 100
126 31.0 12.0 48.2



#72
4-Ethyltoluene
Concen: 10.060 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion:105 Resp: 3064966
Ion Ratio Lower Upper
105 100
120 29.6 23.2 34.8
91 12.5 11.3 16.9
77 13.6 12.0 18.0

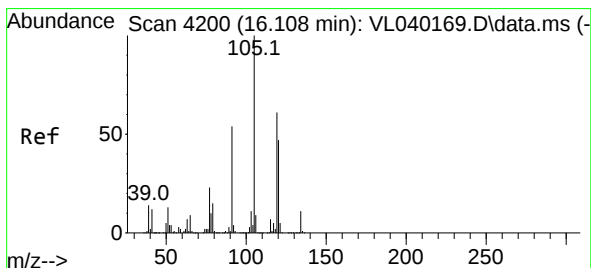
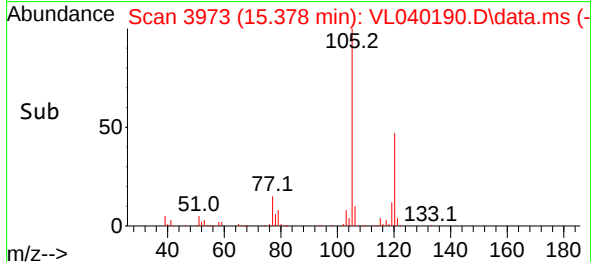
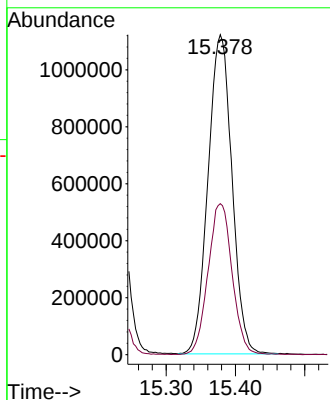
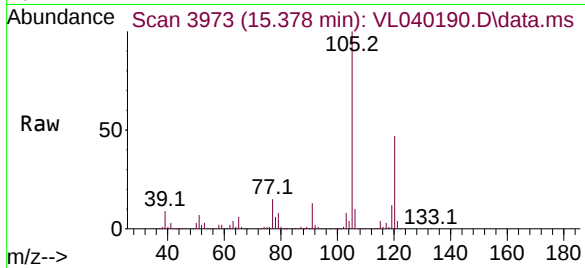




#73
1,3,5-Trimethylbenzene
Concen: 9.480 ppbv
RT: 15.378 min Scan# 3964
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

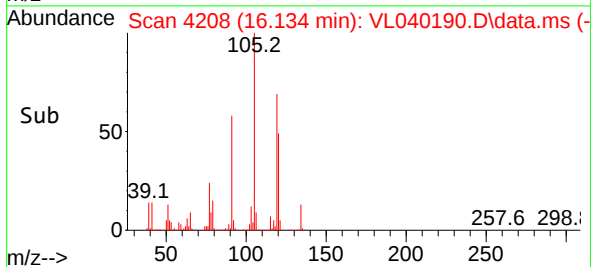
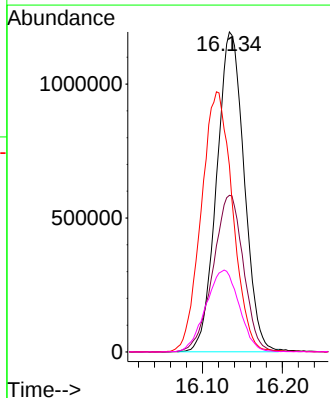
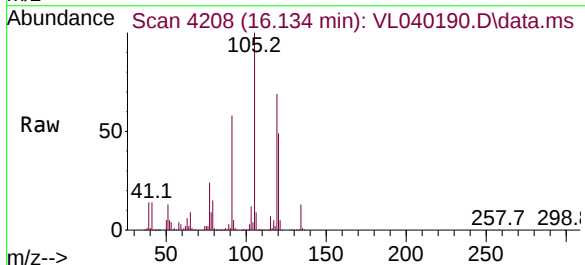
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

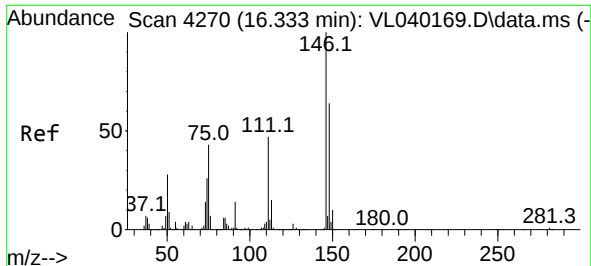
Tgt Ion:105 Resp: 2687571
Ion Ratio Lower Upper
105 100
120 47.3 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 9.153 ppbv
RT: 16.134 min Scan# 4208
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion:105 Resp: 2850099
Ion Ratio Lower Upper
105 100
120 48.7 37.9 56.9
91 57.9 43.7 65.5
77 23.7 18.3 27.5

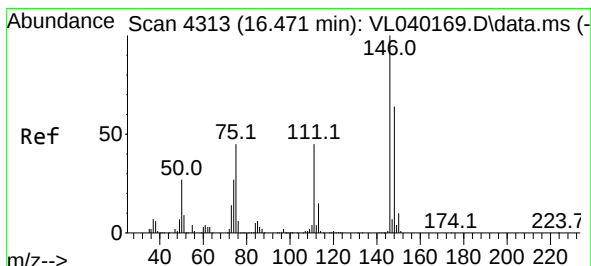
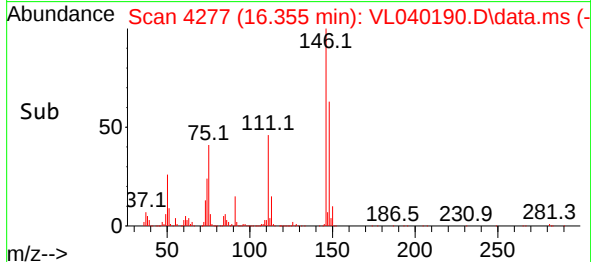
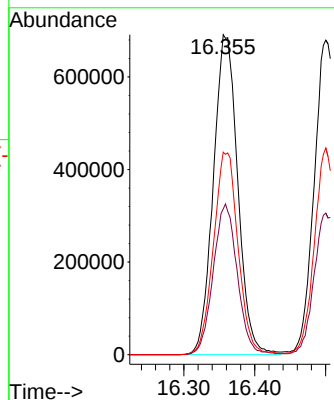
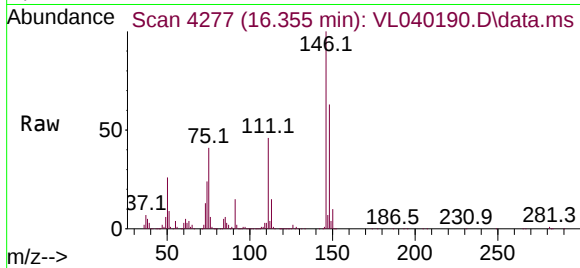




#75
1,3-Dichlorobenzene
Concen: 9.708 ppbv
RT: 16.355 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

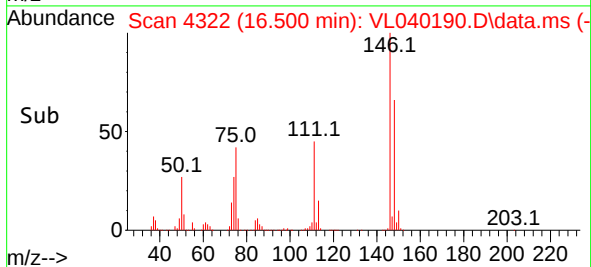
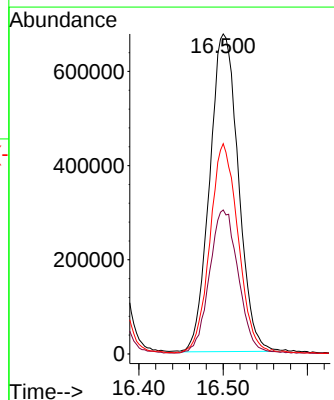
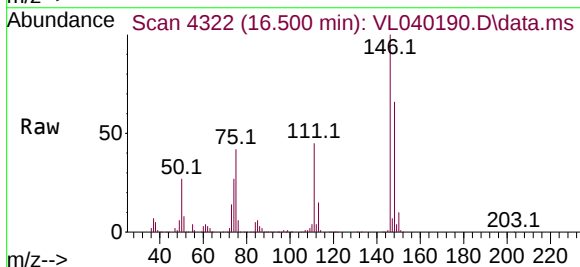
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

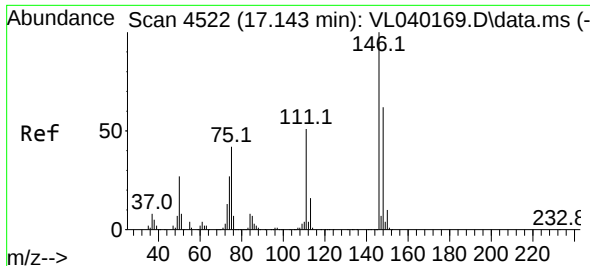
Tgt Ion:146 Resp: 1654294
Ion Ratio Lower Upper
146 100
111 46.4 23.9 71.8
148 64.0 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 9.564 ppbv
RT: 16.500 min Scan# 4322
Delta R.T. 0.029 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion:146 Resp: 1597045
Ion Ratio Lower Upper
146 100
111 46.1 23.5 70.5
148 66.2 32.5 97.4

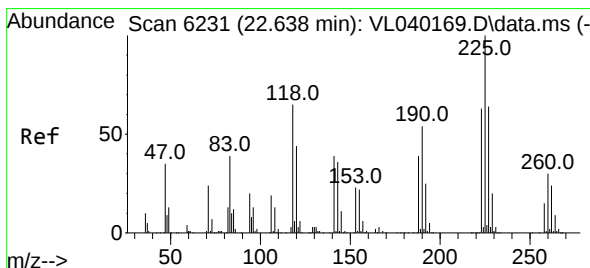
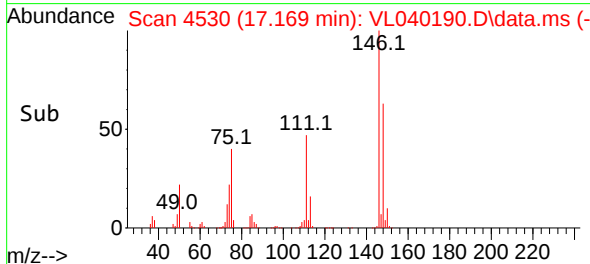
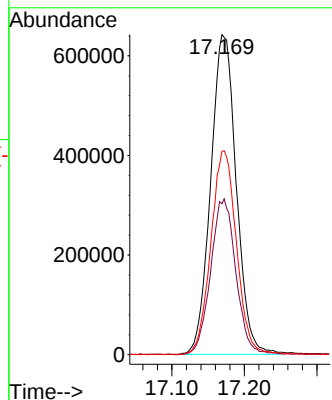
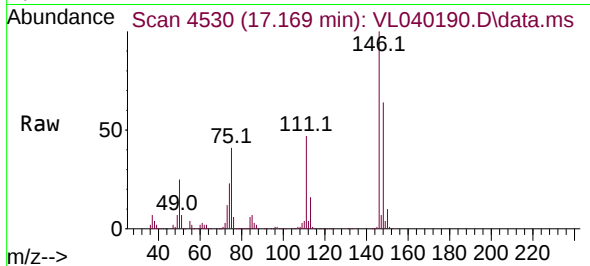




#77
1,2-Dichlorobenzene
Concen: 9.308 ppbv
RT: 17.169 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

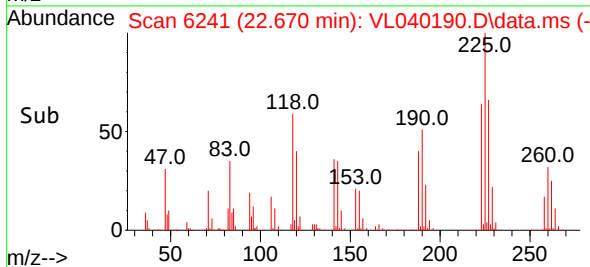
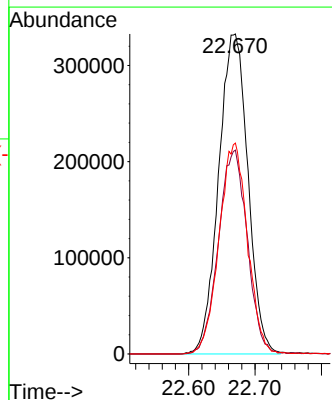
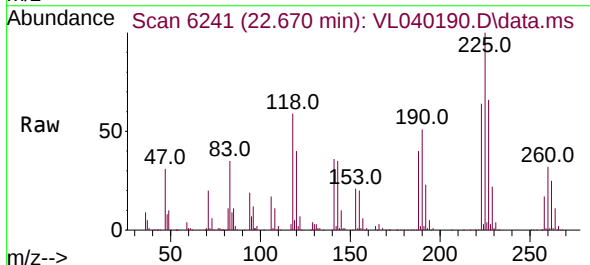
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

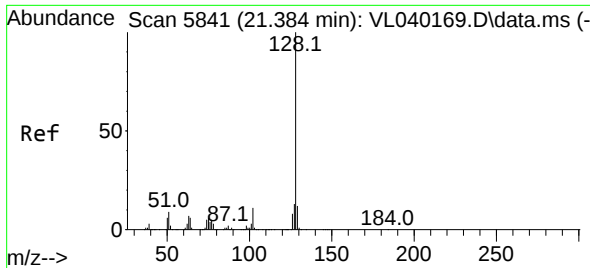
Tgt Ion:146 Resp: 1575661
Ion Ratio Lower Upper
146 100
111 48.3 25.3 75.8
148 64.0 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.778 ppbv
RT: 22.670 min Scan# 6241
Delta R.T. 0.032 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion:225 Resp: 1020863
Ion Ratio Lower Upper
225 100
223 62.7 51.0 76.6
227 64.0 51.2 76.8

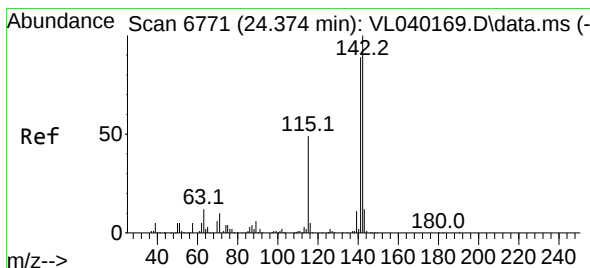
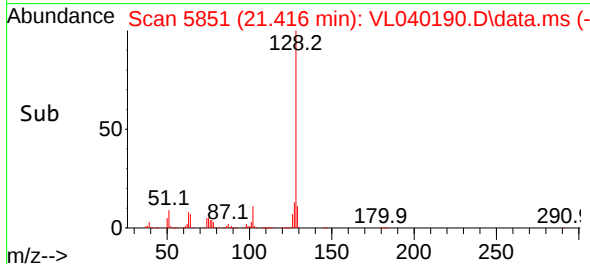
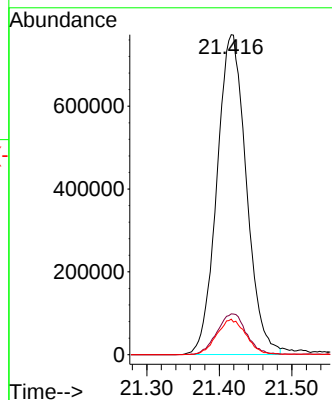
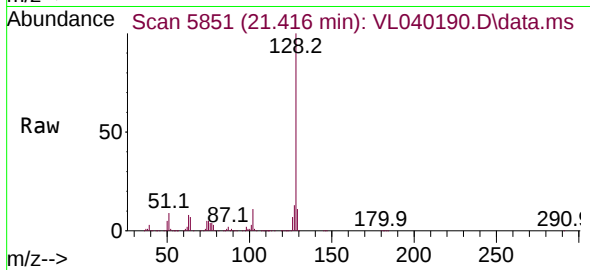




#79
Naphthalene
Concen: 12.417 ppbv
RT: 21.416 min Scan# 5851
Delta R.T. 0.032 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

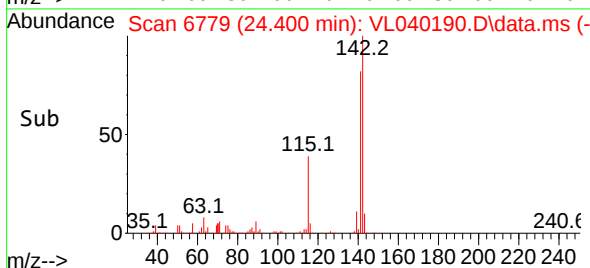
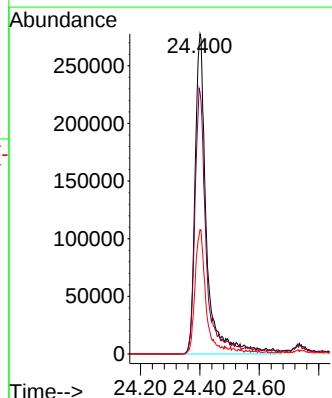
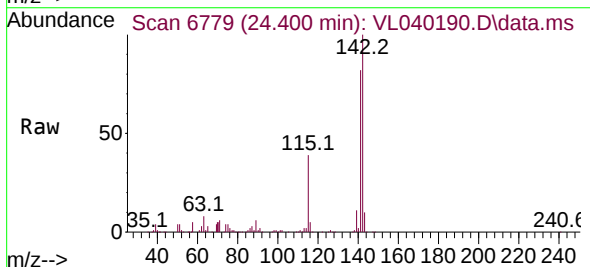
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

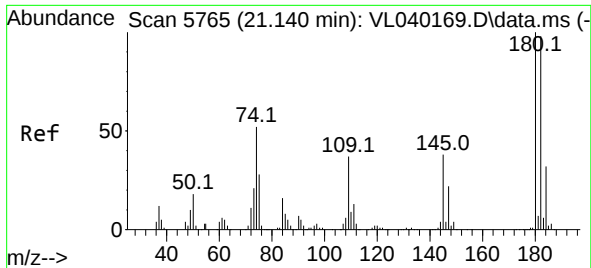
Tgt Ion:128 Resp: 2172224
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 15.164 ppbv
RT: 24.400 min Scan# 6779
Delta R.T. 0.026 min
Lab File: VL040190.D
Acq: 17 Feb 2023 8:17

Tgt Ion:142 Resp: 754358
Ion Ratio Lower Upper
142 100
141 80.5 67.3 100.9
115 37.9 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.676 ppbv
 RT: 21.172 min Scan# 51
 Delta R.T. 0.032 min
 Lab File: VL040190.D
 Acq: 17 Feb 2023 8:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 1168749

Ion	Ratio	Lower	Upper
180	100		
182	97.7	79.0	118.6
184	30.6	24.6	36.8

