

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039903.D
 Acq On : 18 Nov 2022 13:12
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL111822

Quant Time: Nov 19 04:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1306252	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3728662	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	3699950	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2703709	9.567	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	1846082	9.868	ppbv	95
3) Chlorodifluoromethane	2.658	51	1622304	9.000	ppbv	99
4) Chloromethane	2.796	50	1039252	9.022	ppbv	97
5) Vinyl Chloride	2.903	62	886303	9.847	ppbv	100
6) Bromomethane	3.105	94	305841	9.962	ppbv	100
7) Chloroethane	3.182	64	315977	8.881	ppbv	95
8) Dichlorotetrafluoroethane	2.841	85	2056812	9.628	ppbv	100
9) Propene	2.678	41	766355	9.026	ppbv	99
10) Heptane	7.574	43	1856858	9.063	ppbv	99
11) Trichlorofluoromethane	3.549	101	2141573	9.385	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.054	101	1552086	8.987	ppbv	100
13) Ethanol	3.221	45	26046	4.018	ppbv #	27
14) Bromoethene	3.349	108	642791	9.544	ppbv	99
15) Acetone	3.452	43	1648409	9.514	ppbv	99
16) 1,3-Butadiene	2.970	39	807567	9.352	ppbv	98
17) tert-Butyl alcohol	3.864	59	1853790	9.306	ppbv	100
18) 1,1-Dichloroethene	3.867	96	729875	9.265	ppbv	98
19) Isopropyl Alcohol	3.559	45	843582	8.993	ppbv	87
20) Methylene Chloride	3.919	84	608621	7.251	ppbv	98
21) Allyl Chloride	3.983	41	1131925	9.418	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	772029	9.637	ppbv	95
23) Vinyl Acetate	4.613	43	682919	9.594	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1567606	9.134	ppbv	99
25) Ethyl Acetate	5.192	43	3179662	9.996	ppbv	100
26) Hexane	5.202	57	1379912	9.930	ppbv	98
27) Carbon Disulfide	4.112	76	1780103	10.146	ppbv	98
28) Methyl tert-Butyl Ether	4.571	73	1542799	8.867	ppbv	100
29) Chloroform	5.266	83	2192069	11.870	ppbv	100
30) Cyclohexane	6.594	84	1235470	9.059	ppbv	98
31) cis-1,2-Dichloroethene	5.066	61	1226286	9.551	ppbv	97
32) 1,1,1-Trichloroethane	5.996	97	2312533	10.027	ppbv	99
34) 2-Butanone	4.774	43	1764086	9.888	ppbv	98
35) Carbon Tetrachloride	6.488	117	2350938	11.102	ppbv	98
36) Benzene	6.362	78	3095140	9.766	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1782595	10.264	ppbv	100
38) Trichloroethene	7.285	130	1740581	9.825	ppbv	99
39) 1,2-Dichloropropane	7.070	63	1187803	9.619	ppbv	97
40) 1,4-Dioxane	7.282	88	468187	9.518	ppbv	98
41) Tetrahydrofuran	5.549	42	1235368	10.030	ppbv	99
42) Bromodichloromethane	7.243	83	2496427	10.599	ppbv	97
43) Methyl Methacrylate	7.468	69	1245201	10.021	ppbv	100
44) 2,2,4-Trimethylpentane	7.320	57	4972849	9.399	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	1284712	11.191	ppbv	98

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Instrument :
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 ICVVL111822

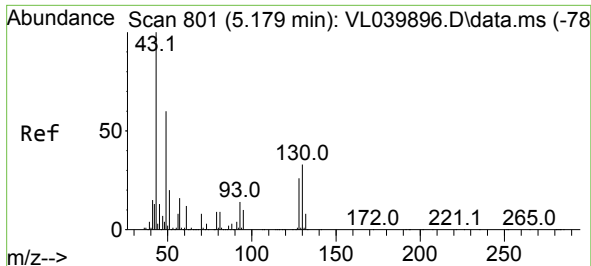
Quant Time: Nov 19 04:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1677098	10.545	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	1230680	9.698	ppbv	98
48) Dibromochloromethane	9.709	129	2087033	11.228	ppbv	100
49) Bromoform	12.413	173	1726589	11.475	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	3152386	9.865	ppbv	100
51) 2-Hexanone	9.549	43	2485037	10.018	ppbv #	99
52) Tetrachloroethene	10.616	164	1111881	9.378	ppbv	97
53) Toluene	9.217	91	3475128	9.625	ppbv	99
54) 1,2-Dibromoethane	10.012	107	1462365	10.798	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.513	131	1508245	9.972	ppbv	98
57) Chlorobenzene	11.532	112	2668850	9.434	ppbv	97
58) Ethyl Benzene	12.092	91	4696414	9.356	ppbv	100
59) m/p-Xylene	12.378	91	3934450	9.365	ppbv #	31
60) o-Xylene	13.066	91	3769452	9.408	ppbv	100
61) Styrene	12.905	104	2362113	9.877	ppbv	100
62) Isopropylbenzene	14.037	105	5417091	9.376	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	1291435	9.653	ppbv	100
64) n-propylbenzene	14.925	120	1452642	9.611	ppbv	98
65) tert-Butylbenzene	16.105	119	4785237	9.468	ppbv	99
66) Benzyl Chloride	16.339	91	483691	11.167	ppbv	99
67) sec-Butylbenzene	16.648	105	6623796	9.531	ppbv	99
69) p-Isopropyltoluene	17.011	119	5529637	9.659	ppbv	99
70) n-Butylbenzene	17.902	91	5597964	9.864	ppbv	100
71) 2-Chlorotoluene	14.812	91	4138161	9.450	ppbv	100
72) 4-Ethyltoluene	15.204	105	4457314	9.897	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	3951670	9.585	ppbv	98
74) 1,2,4-Trimethylbenzene	16.121	105	4193215	9.607	ppbv	94
75) 1,3-Dichlorobenzene	16.343	146	2444860	9.956	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	2434128	9.999	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	2324342	9.818	ppbv	100
78) Hexachloro-1,3-Butadiene	22.657	225	1639242	9.979	ppbv	99
79) Naphthalene	21.407	128	3352407	12.834	ppbv	98
80) Naphthalene,2-methyl-	24.394	142	1286685	17.514	ppbv	94
81) 1,2,4-Trichlorobenzene	21.162	180	1807064	11.202	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Nov 18 14:05:14 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.179 min Scan# 80

Delta R.T. 0.000 min

Lab File: VL039903.D

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MSVOA_L

ClientSampleId :

ICVVL111822

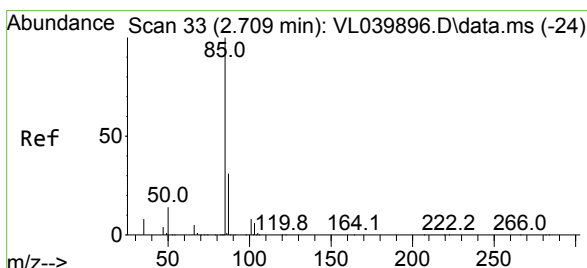
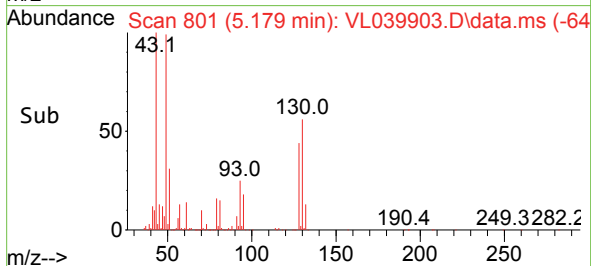
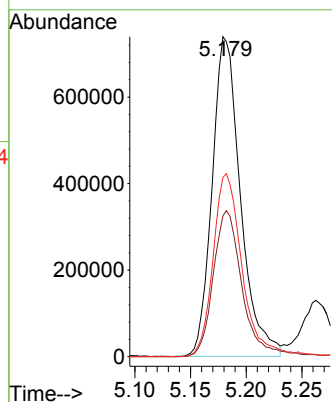
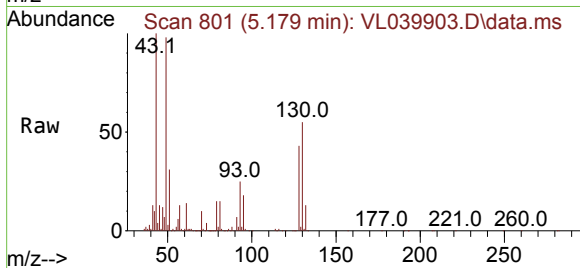
Tgt Ion: 49 Resp: 1306252

Ion Ratio Lower Upper

49 100

128 47.5 22.1 66.3

130 59.5 27.7 83.1



#2

Dichlorodifluoromethane

Concen: 9.868 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL039903.D

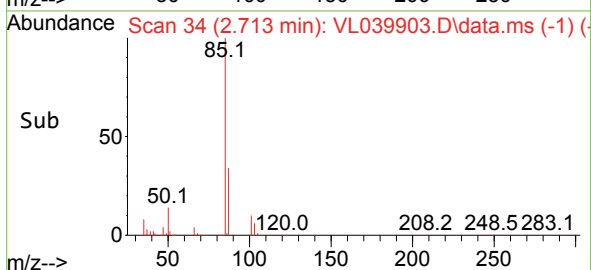
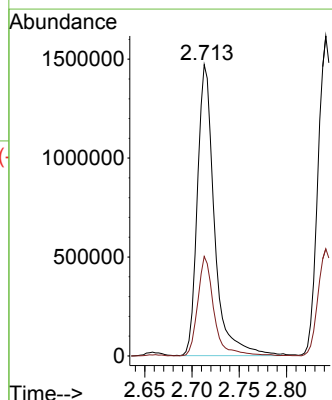
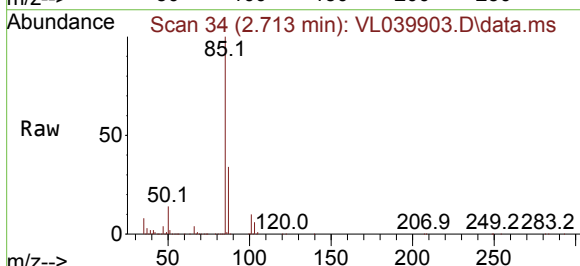
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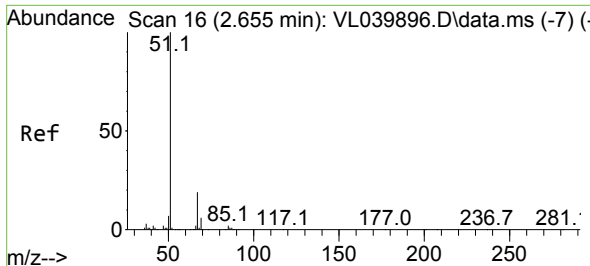
Tgt Ion: 85 Resp: 1846082

Ion Ratio Lower Upper

85 100

87 34.1 25.0 37.4

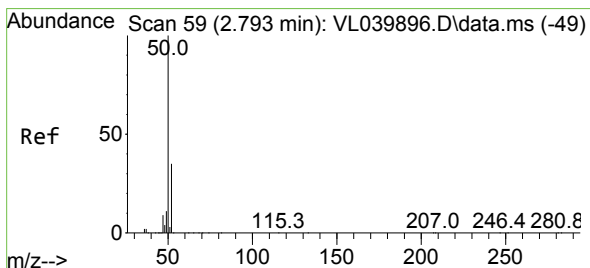
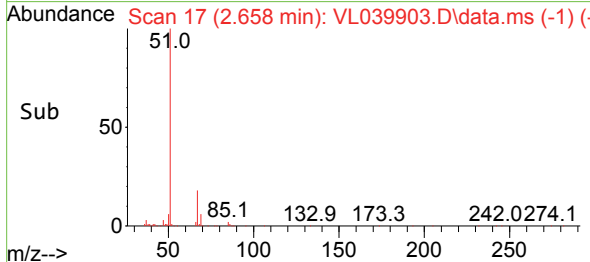
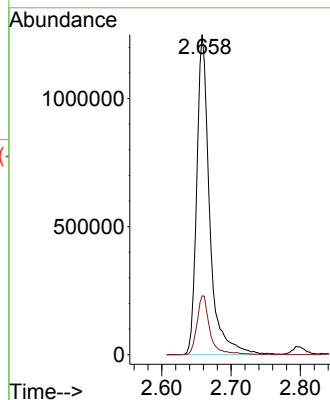
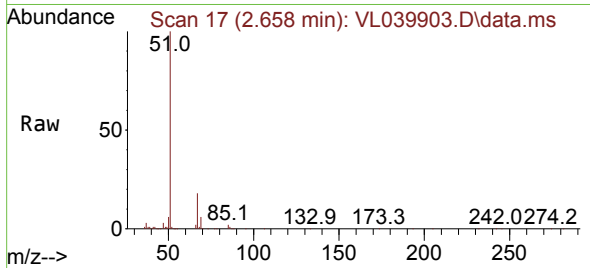




#3
Chlorodifluoromethane
Concen: 9.000 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

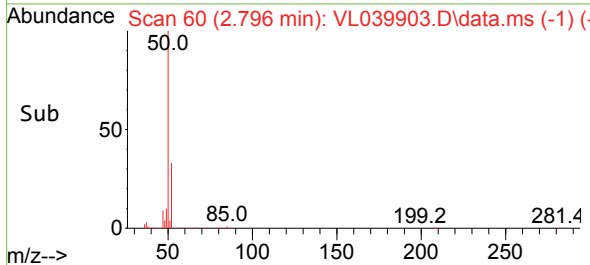
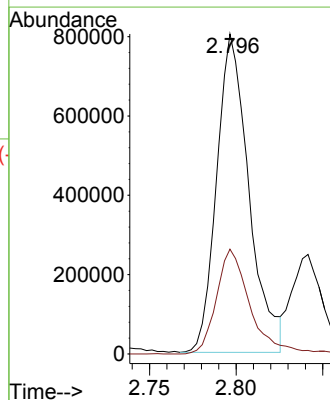
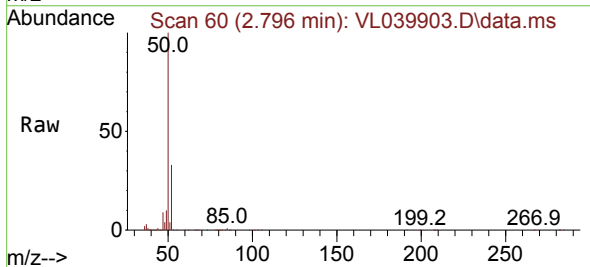
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

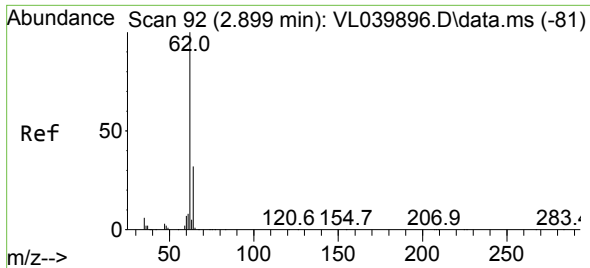
Tgt Ion: 51 Resp: 1622304
Ion Ratio Lower Upper
51 100
67 18.4 14.2 21.4



#4
Chloromethane
Concen: 9.022 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 50 Resp: 1039252
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.8

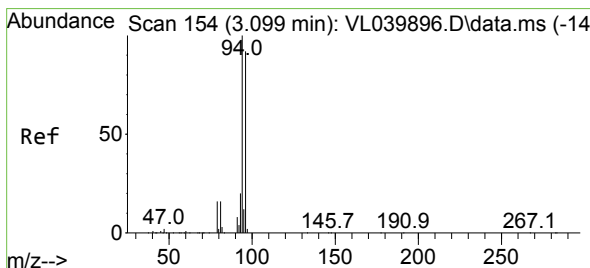
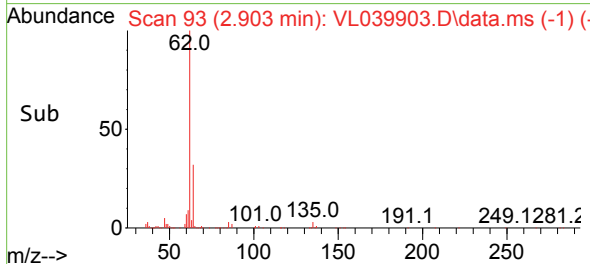
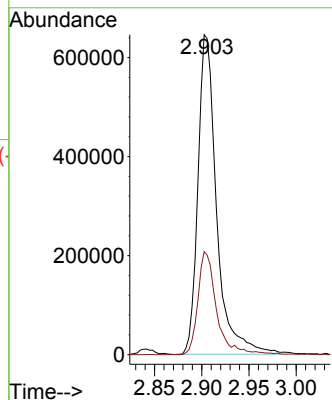
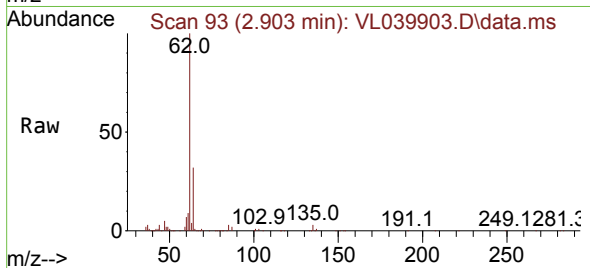




#5
 Vinyl Chloride
 Concen: 9.847 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

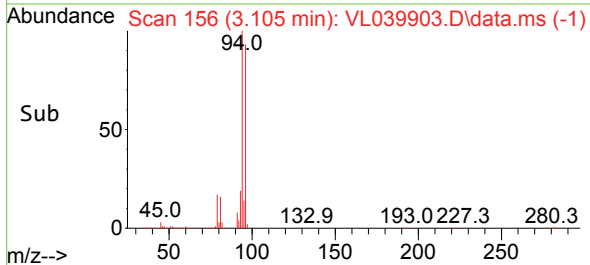
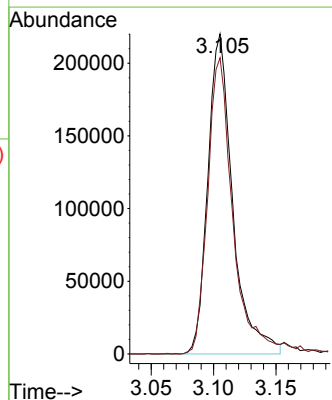
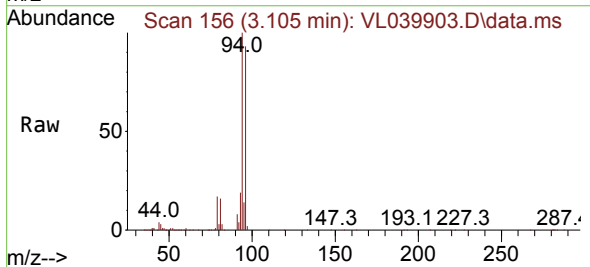
Instrument :
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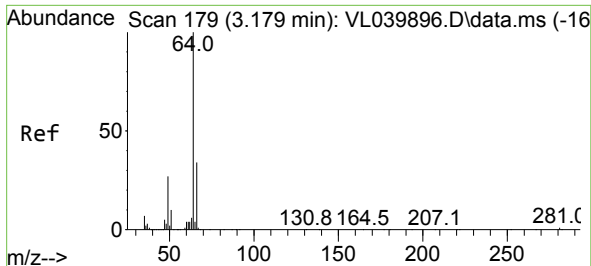
Tgt Ion: 62 Resp: 886303
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.7 38.5



#6
 Bromomethane
 Concen: 9.962 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion: 94 Resp: 305841
 Ion Ratio Lower Upper
 94 100
 96 92.5 73.7 110.5

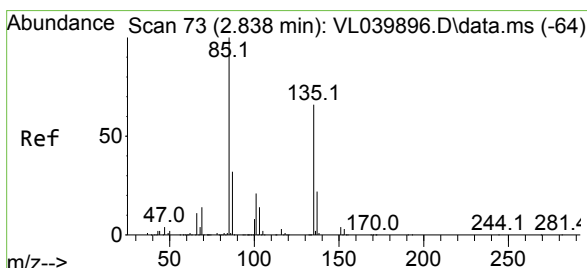
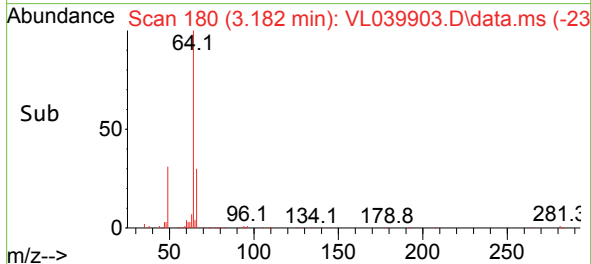
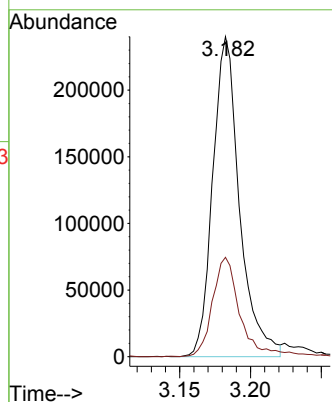
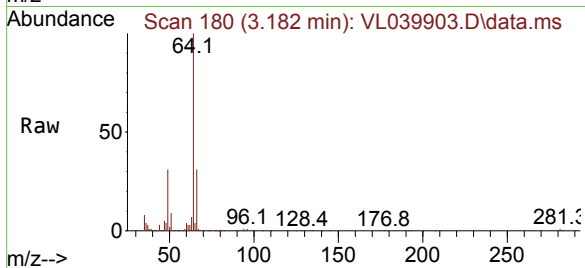




#7
Chloroethane
Concen: 8.881 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

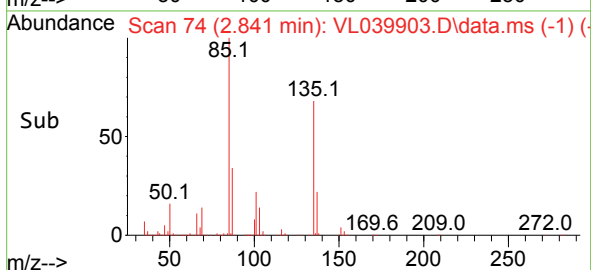
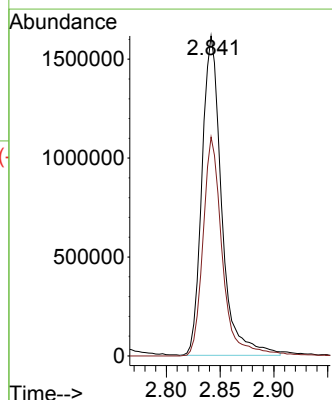
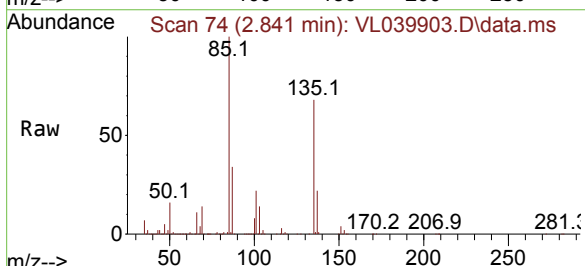
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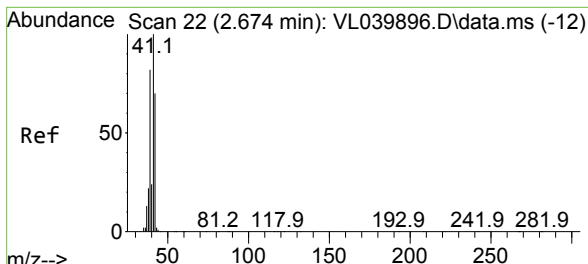
Tgt Ion: 64 Resp: 315977
Ion Ratio Lower Upper
64 100
66 31.0 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.628 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 85 Resp: 2056812
Ion Ratio Lower Upper
85 100
135 67.9 54.1 81.1

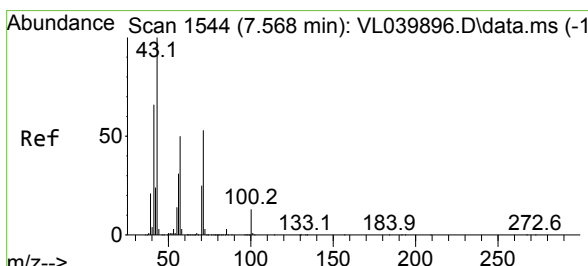
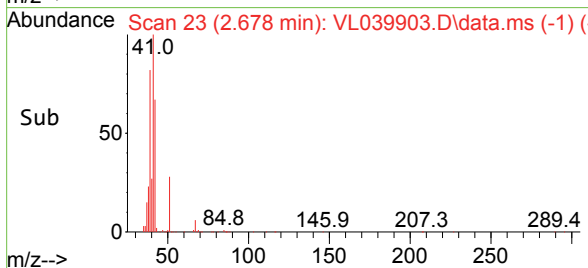
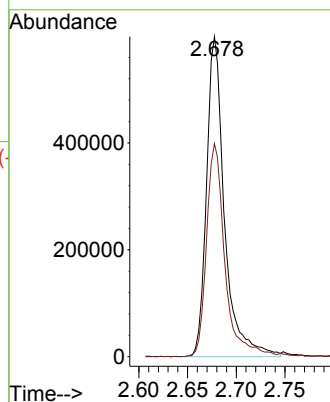
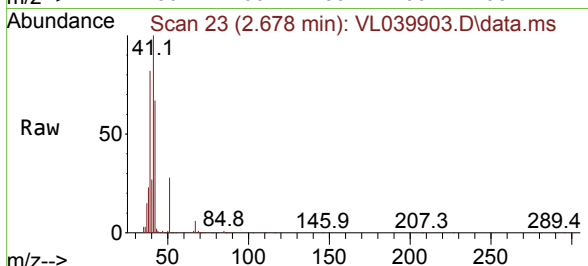




#9
 Propene
 Concen: 9.026 ppbv
 RT: 2.678 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

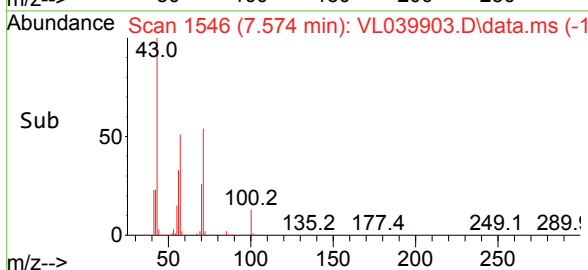
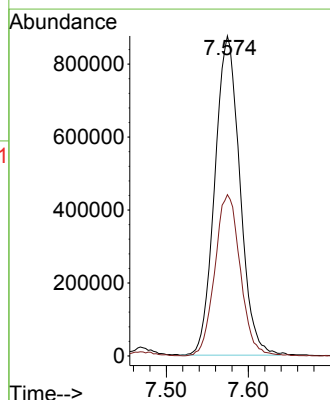
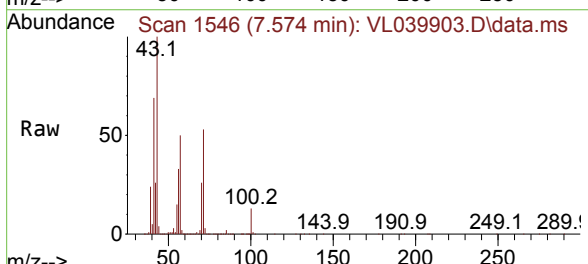
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111822

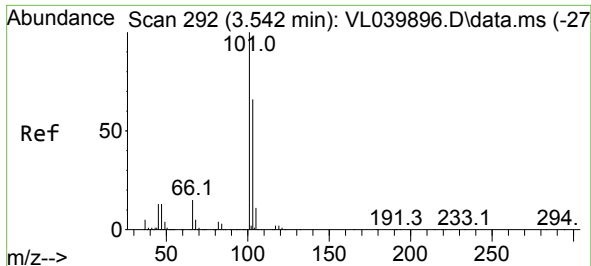
Tgt Ion: 41 Resp: 766355
 Ion Ratio Lower Upper
 41 100
 42 68.6 55.8 83.6



#10
 Heptane
 Concen: 9.063 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion: 43 Resp: 1856858
 Ion Ratio Lower Upper
 43 100
 57 51.6 40.7 61.1

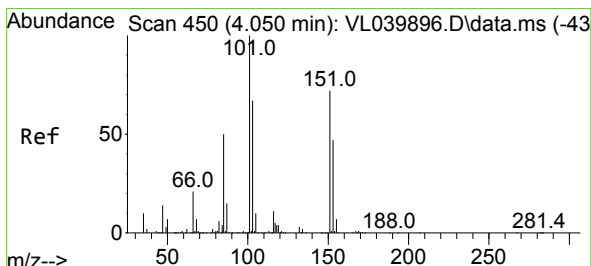
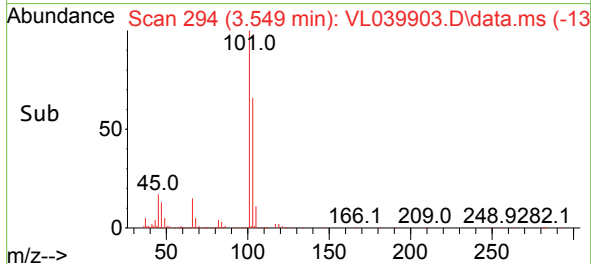
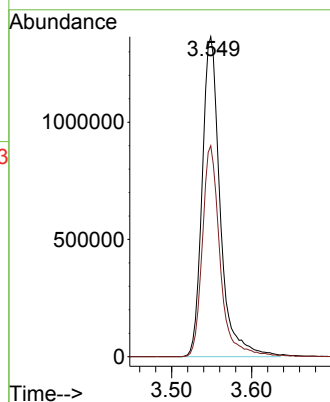
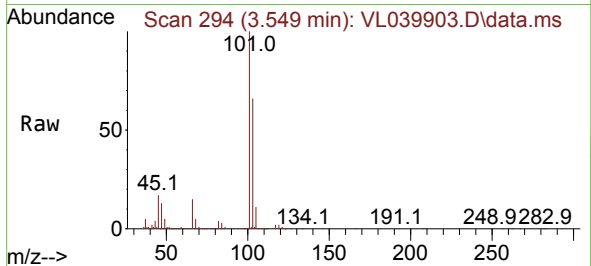




#11
 Trichlorofluoromethane
 Concen: 9.385 ppbv
 RT: 3.549 min Scan# 292
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

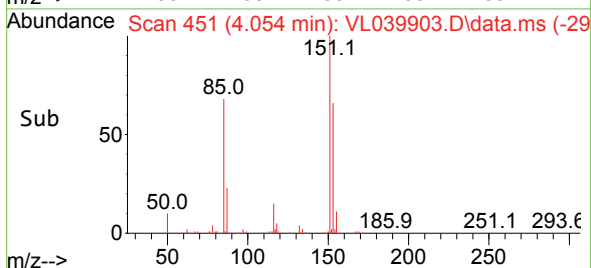
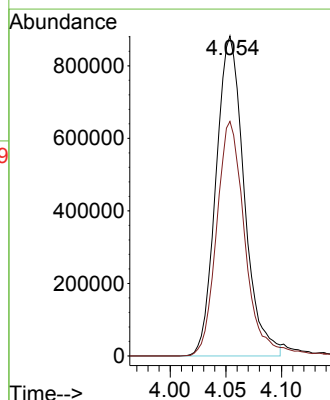
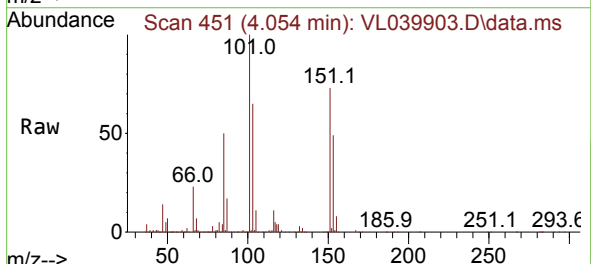
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111822

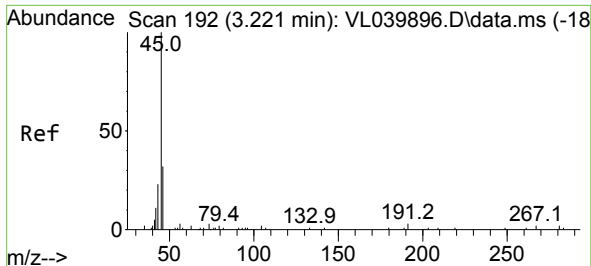
Tgt Ion:101 Resp: 2141573
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.987 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion:101 Resp: 1552086
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.6 89.4

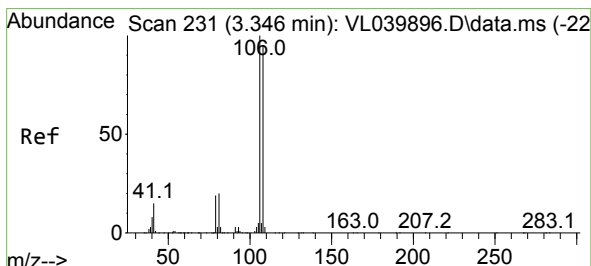
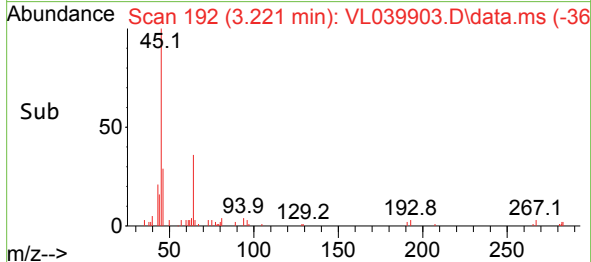
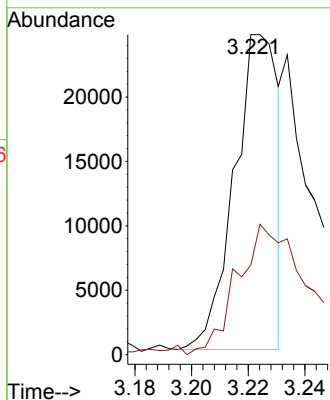
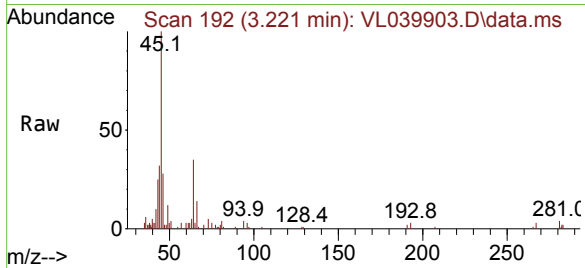




#13
Ethanol
Concen: 4.018 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.000 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

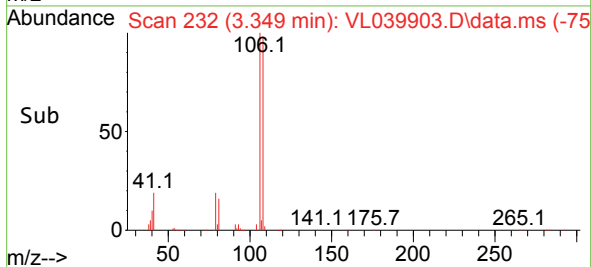
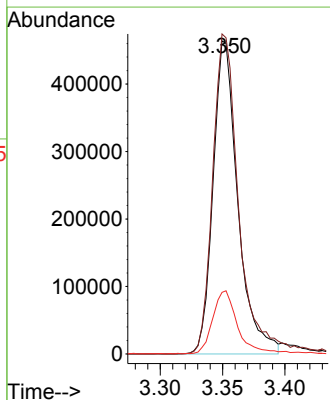
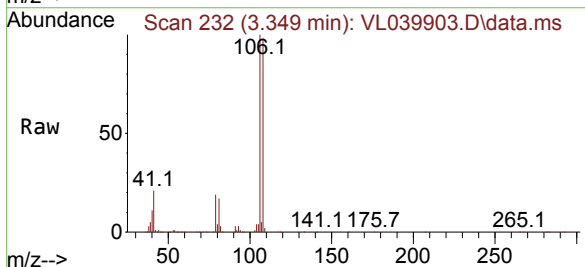
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

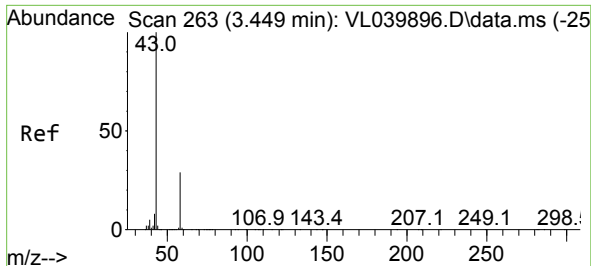
Tgt Ion: 45 Resp: 26046
Ion Ratio Lower Upper
45 100
46 79.4 14.6 58.2#



#14
Bromoethene
Concen: 9.544 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 108 Resp: 642791
Ion Ratio Lower Upper
108 100
106 110.0 87.3 130.9
79 20.5 15.9 23.9

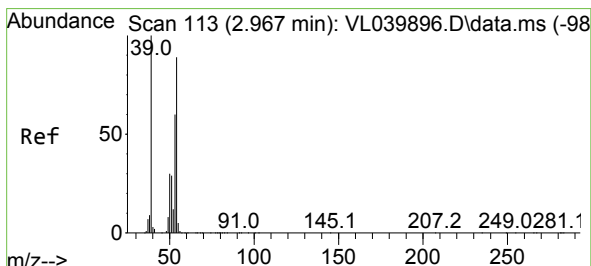
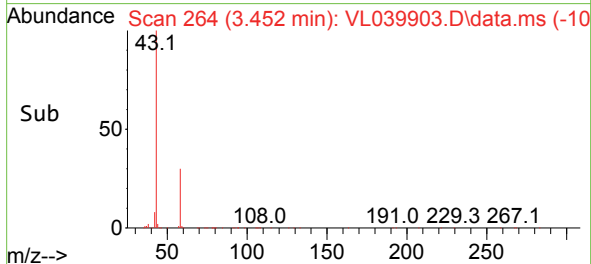
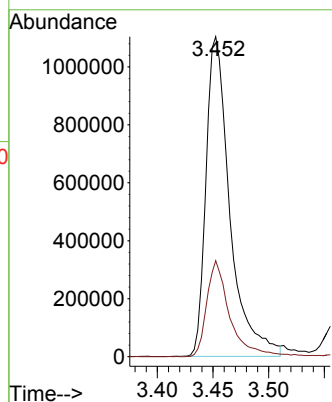
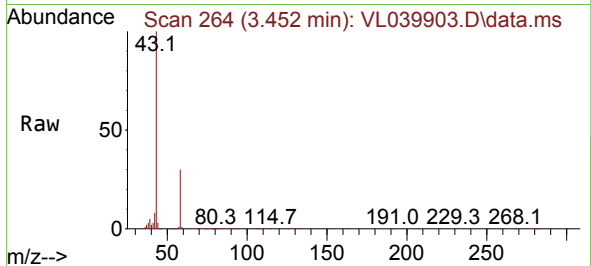




#15
Acetone
Concen: 9.514 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

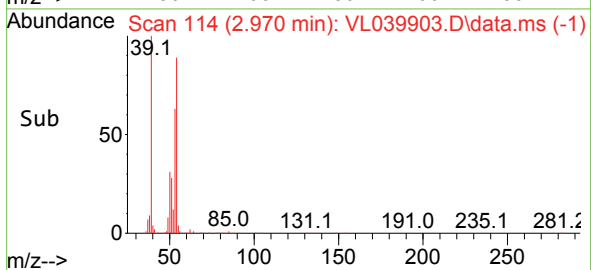
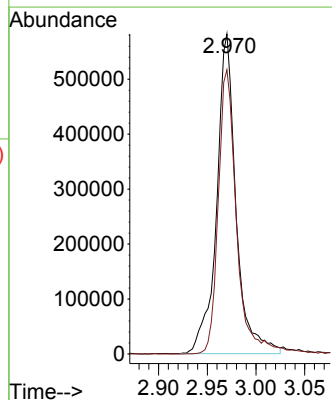
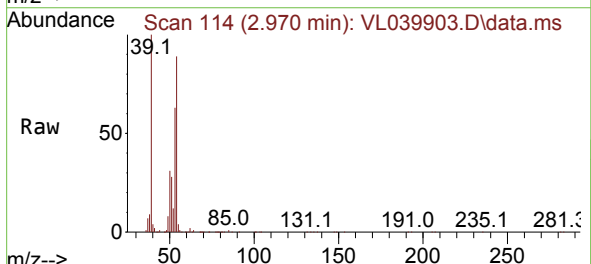
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

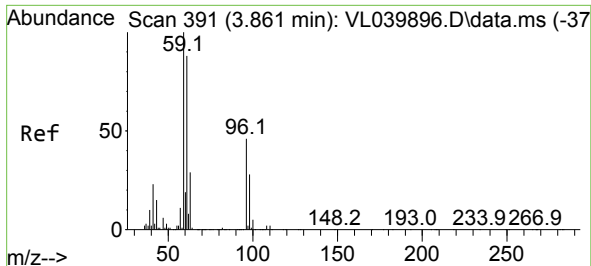
Tgt Ion: 43 Resp: 1648409
Ion Ratio Lower Upper
43 100
58 29.2 22.9 34.3



#16
1,3-Butadiene
Concen: 9.352 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 39 Resp: 807567
Ion Ratio Lower Upper
39 100
54 84.8 66.6 99.8

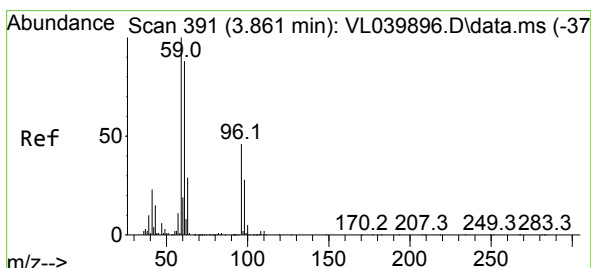
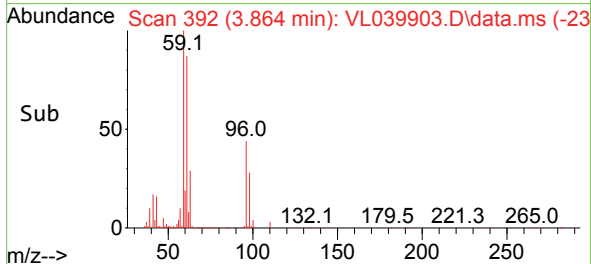
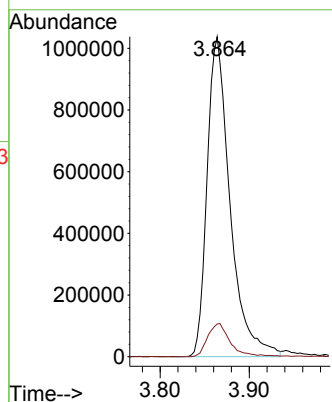
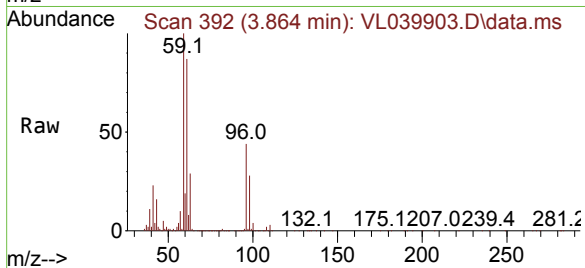




#17
tert-Butyl alcohol
Concen: 9.306 ppbv
RT: 3.864 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

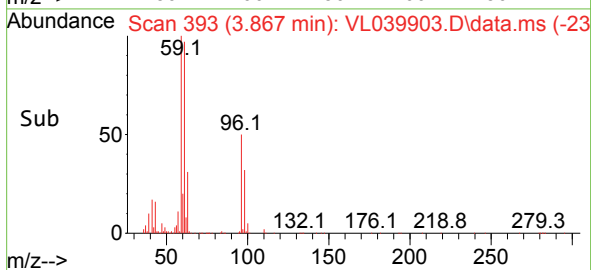
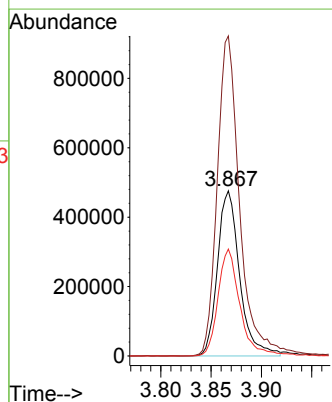
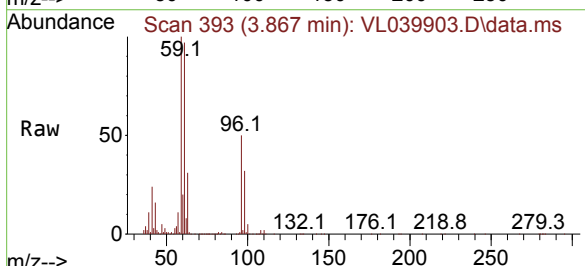
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

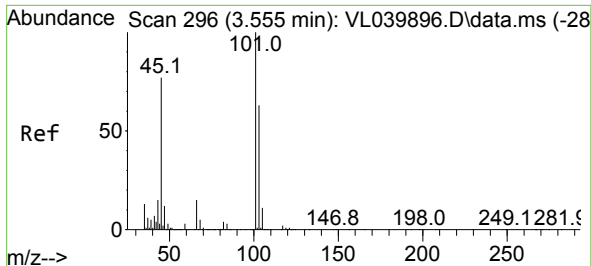
Tgt Ion: 59 Resp: 1853790
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#18
1,1-Dichloroethene
Concen: 9.265 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 96 Resp: 729875
Ion Ratio Lower Upper
96 100
61 193.8 153.4 230.2
98 64.7 48.9 73.3

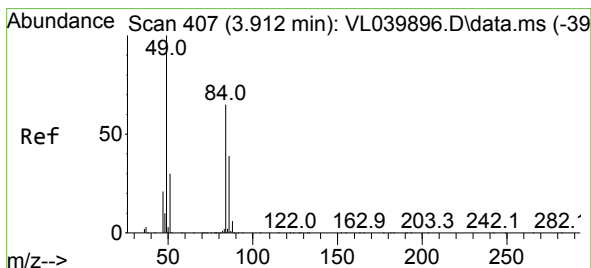
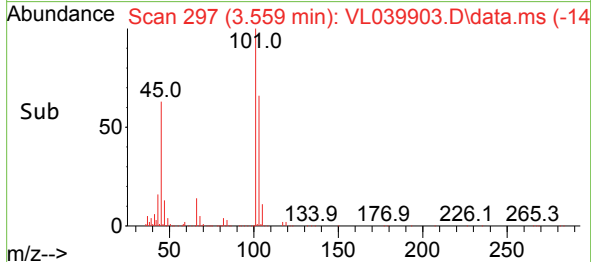
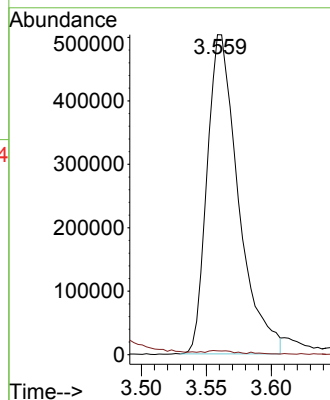
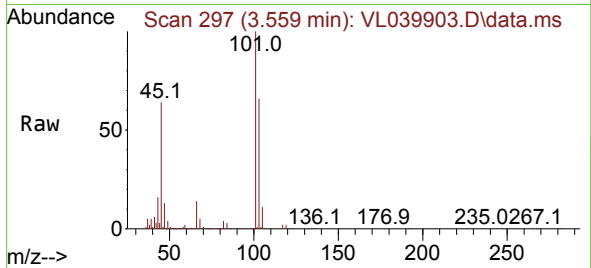




#19
Isopropyl Alcohol
Concen: 8.993 ppbv
RT: 3.559 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

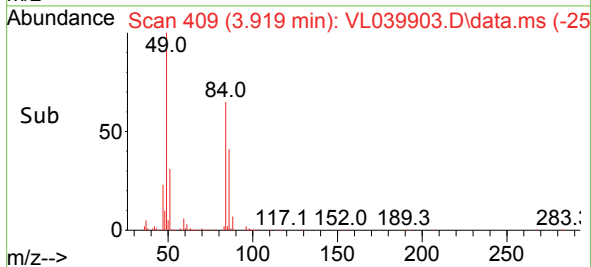
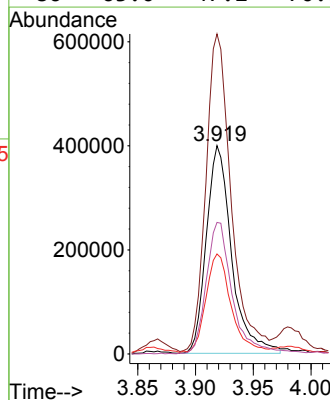
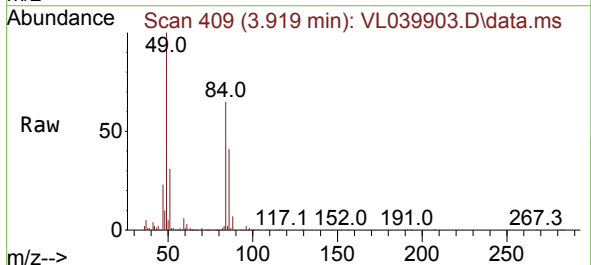
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

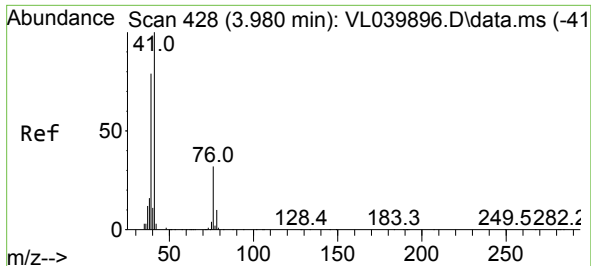
Tgt Ion: 45 Resp: 843582
Ion Ratio Lower Upper
45 100
58 57.0 38.7 58.1



#20
Methylene Chloride
Concen: 7.251 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 84 Resp: 608621
Ion Ratio Lower Upper
84 100
49 153.0 122.2 183.4
51 47.4 36.3 54.5
86 63.0 47.2 70.8



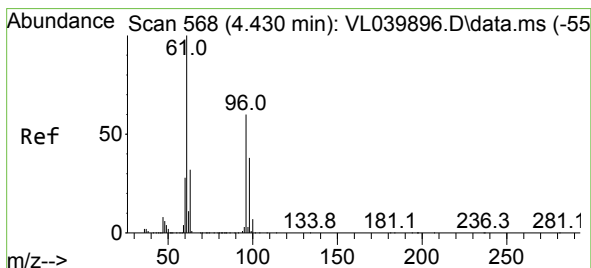
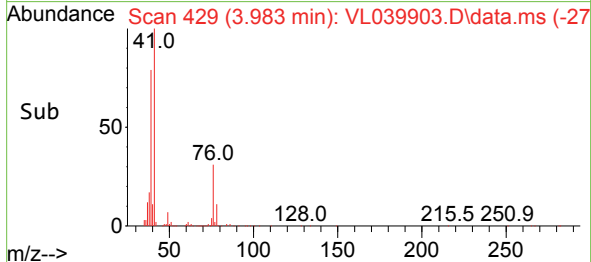
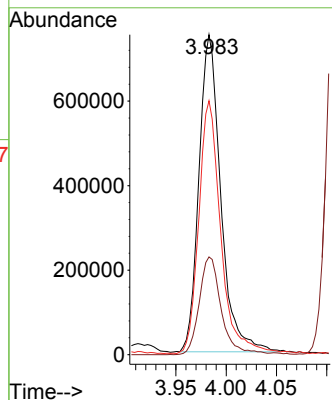
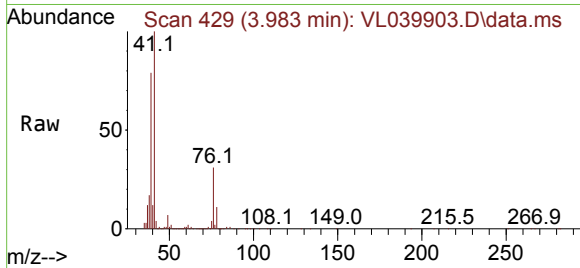


#21
 Allyl Chloride
 Concen: 9.418 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111822

Tgt Ion: 41 Resp: 1131925

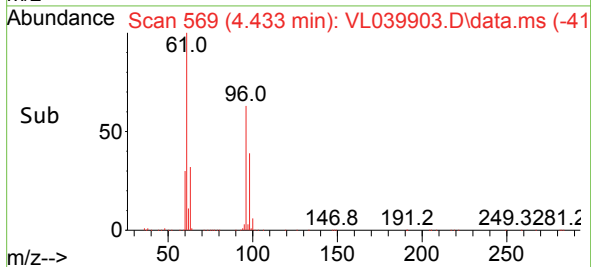
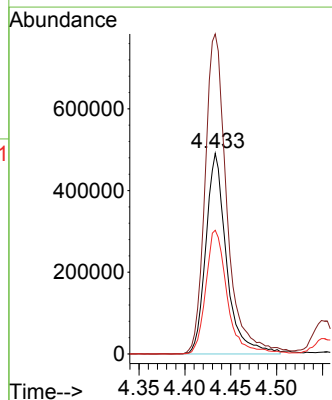
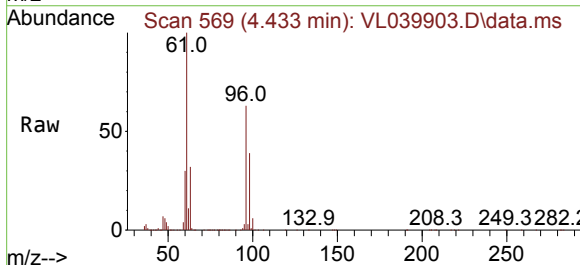
Ion	Ratio	Lower	Upper
41	100		
76	31.4	25.6	38.4
39	80.4	65.2	97.8

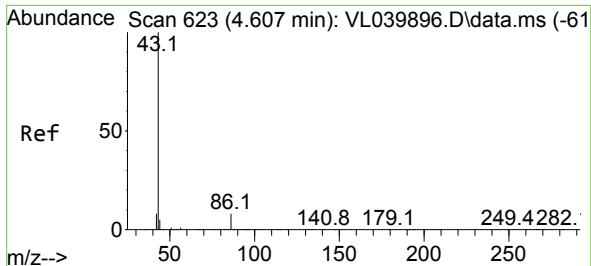


#22
 trans-1,2-Dichloroethene
 Concen: 9.637 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion: 96 Resp: 772029

Ion	Ratio	Lower	Upper
96	100		
61	159.3	134.1	201.1
98	61.6	50.4	75.6



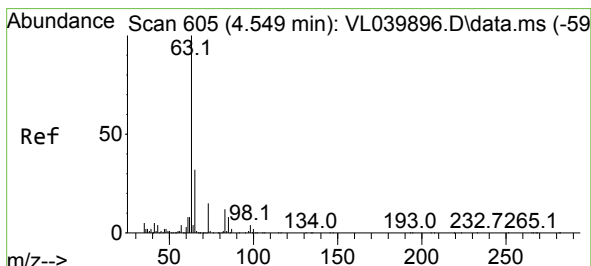
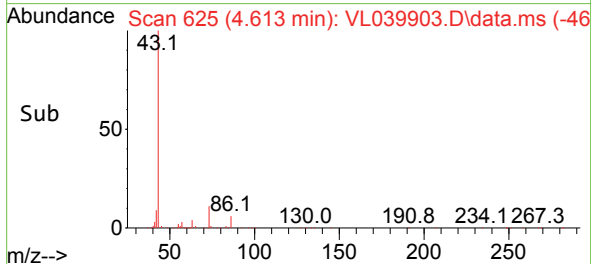
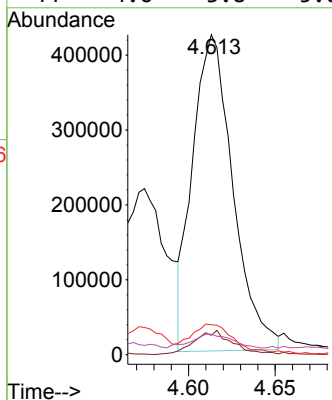
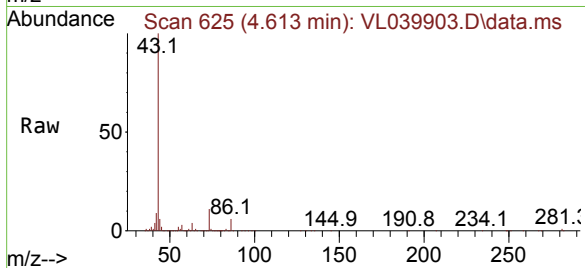


#23
 Vinyl Acetate
 Concen: 9.594 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL111822

Tgt Ion: 43 Resp: 682919

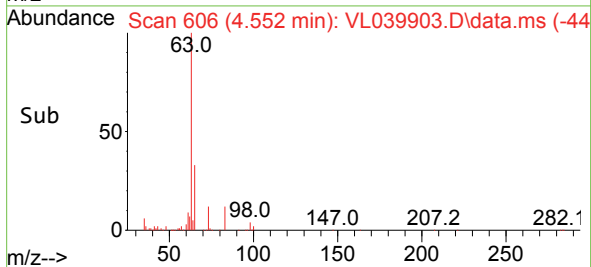
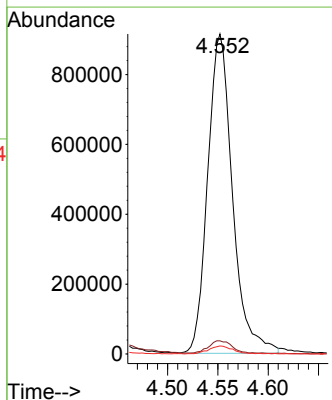
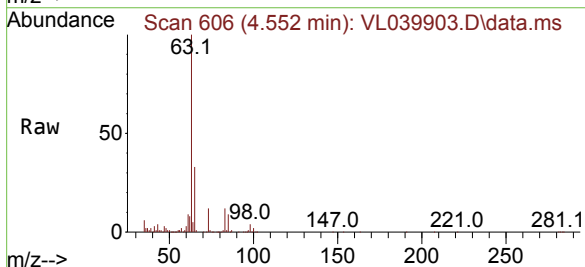
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4
42	8.7	7.6	11.4
44	4.6	3.8	5.6

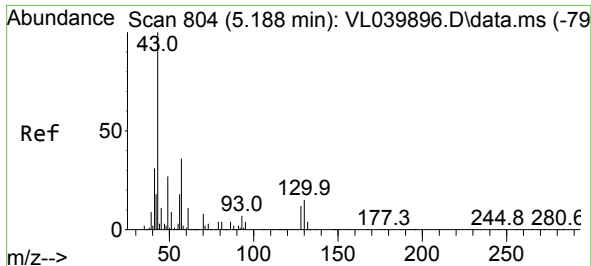


#24
 1,1-Dichloroethane
 Concen: 9.134 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion: 63 Resp: 1567606

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.5
100	2.4	1.1	3.5



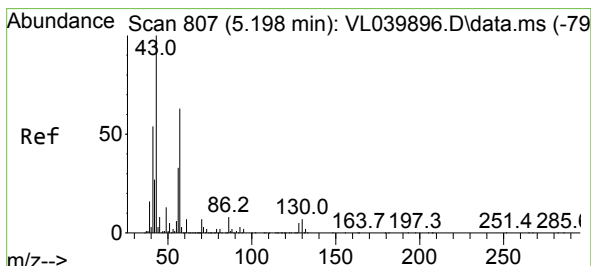
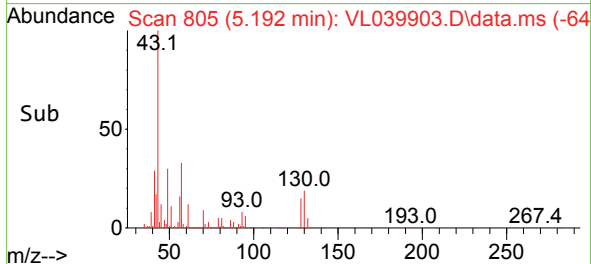
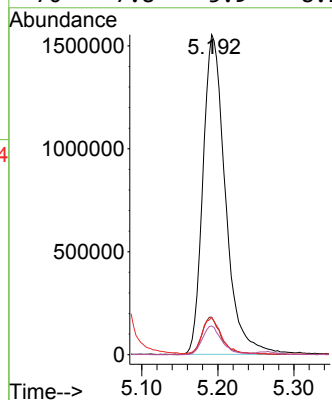
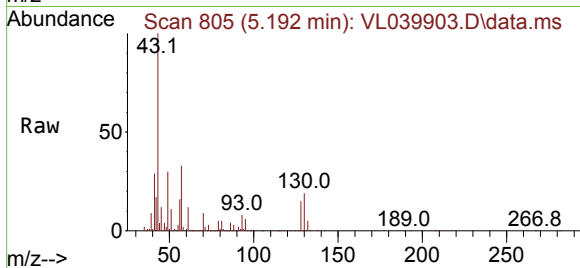


#25
Ethyl Acetate
Concen: 9.996 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

Tgt Ion: 43 Resp: 3179662

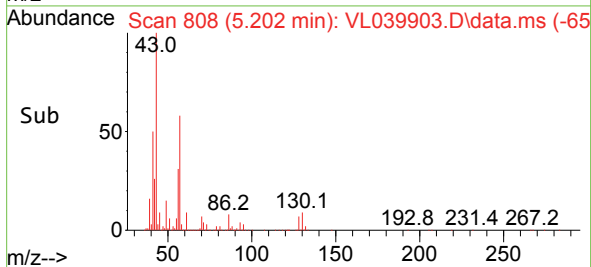
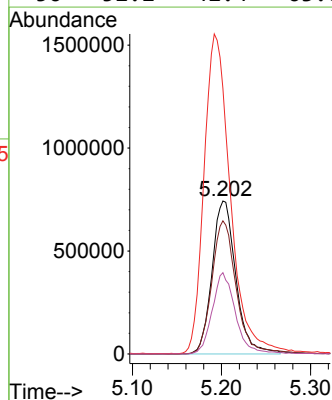
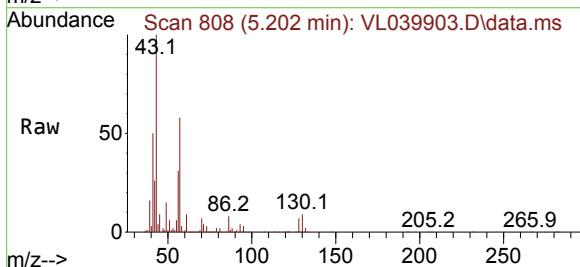
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.4	12.6
61	10.6	8.5	12.7
70	7.8	5.9	8.9

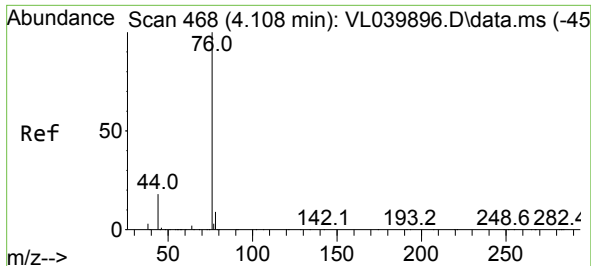


#26
Hexane
Concen: 9.930 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 57 Resp: 1379912

Ion	Ratio	Lower	Upper
57	100		
41	90.0	72.3	108.5
43	232.3	188.7	283.1
56	52.2	42.4	63.6

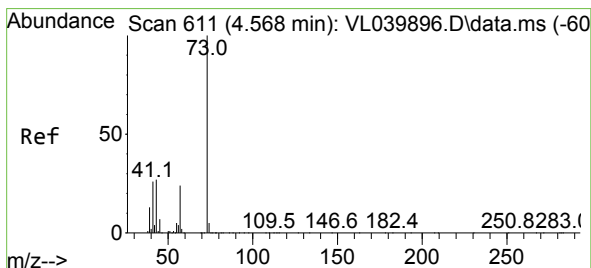
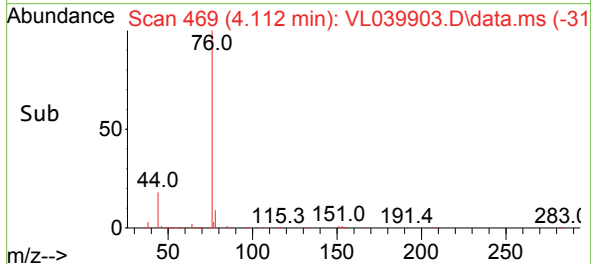
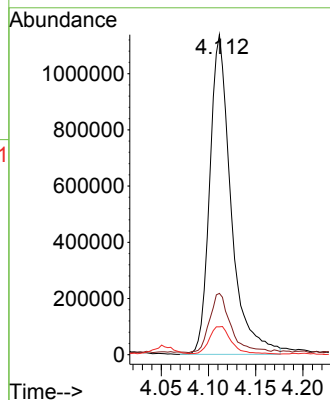
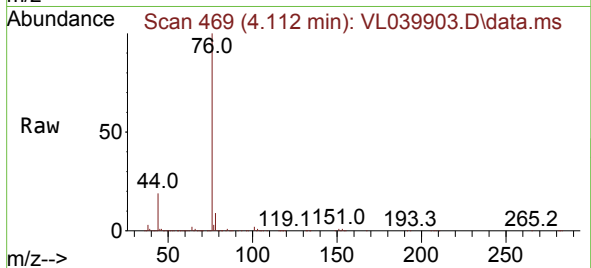




#27
Carbon Disulfide
Concen: 10.146 ppbv
RT: 4.112 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

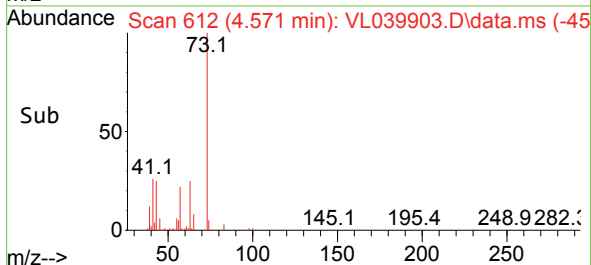
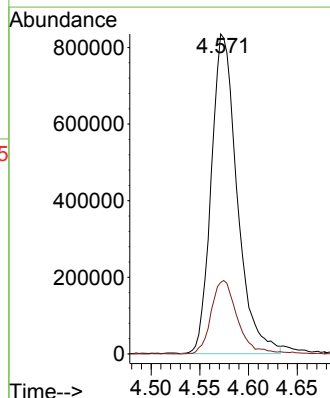
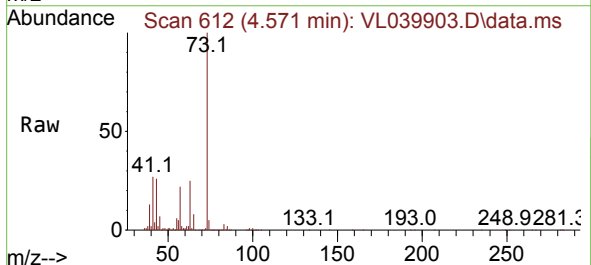
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

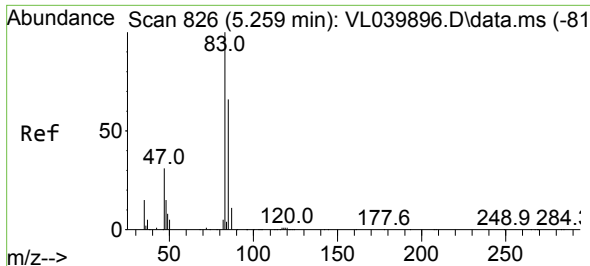
Tgt Ion: 76 Resp: 1780103
Ion Ratio Lower Upper
76 100
44 19.2 14.7 22.1
78 9.5 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 8.867 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 73 Resp: 1542799
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3

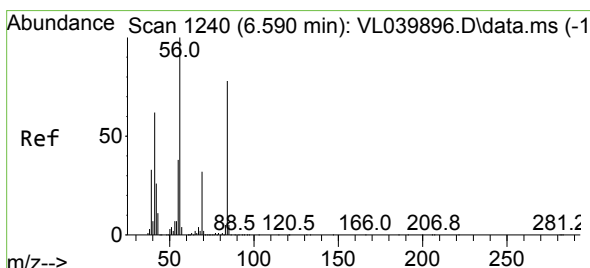
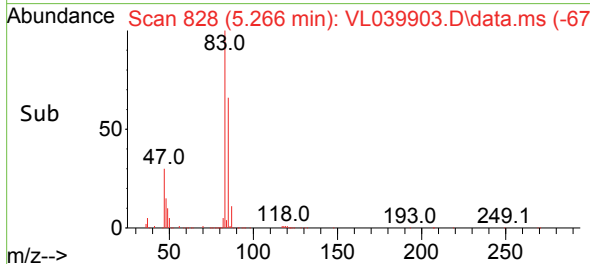
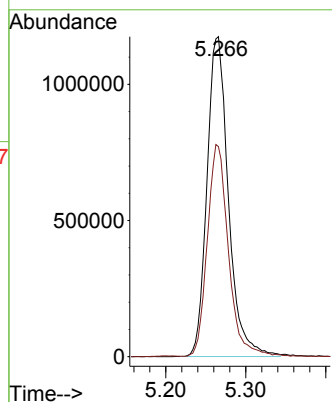
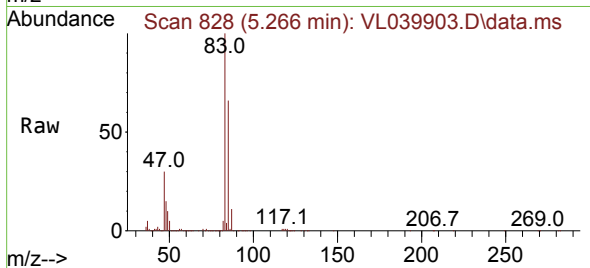




#29
Chloroform
Concen: 11.870 ppbv
RT: 5.266 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

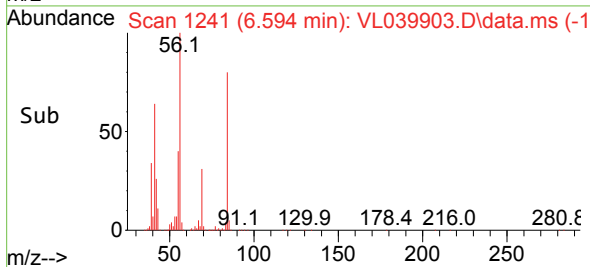
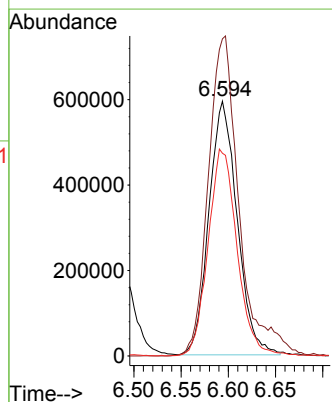
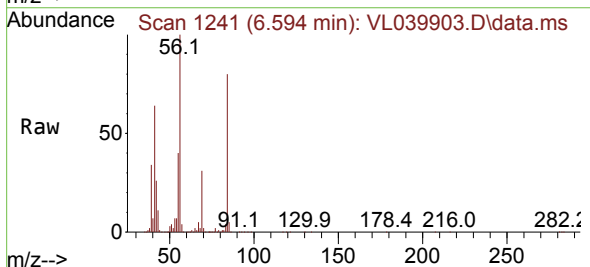
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

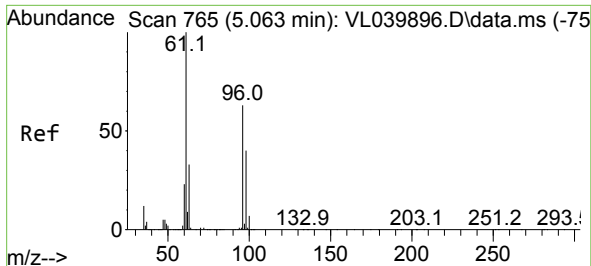
Tgt Ion: 83 Resp: 2192069
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



#30
Cyclohexane
Concen: 9.059 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 84 Resp: 1235470
Ion Ratio Lower Upper
84 100
56 137.9 112.5 168.7
41 83.5 67.8 101.8

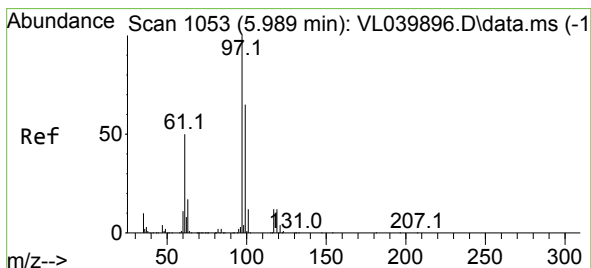
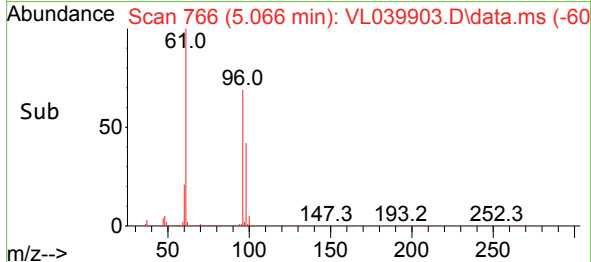
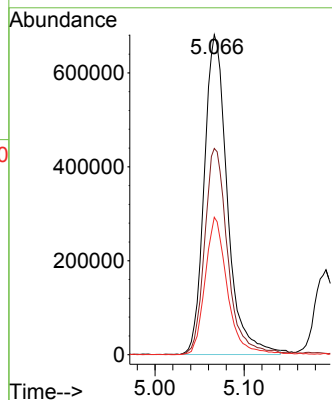
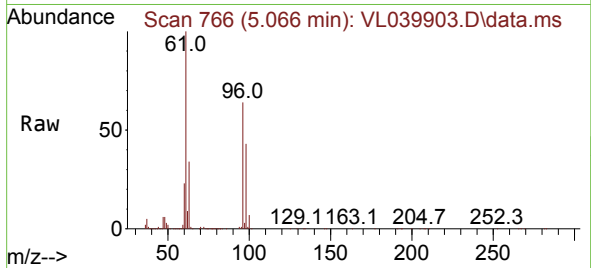




#31
 cis-1,2-Dichloroethene
 Concen: 9.551 ppbv
 RT: 5.066 min Scan# 765
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

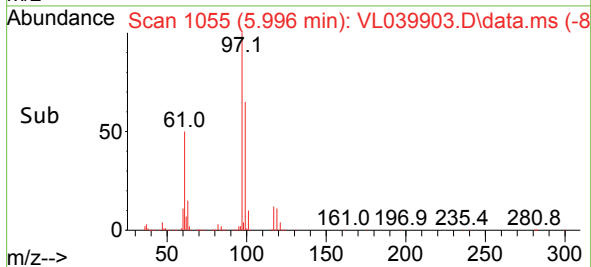
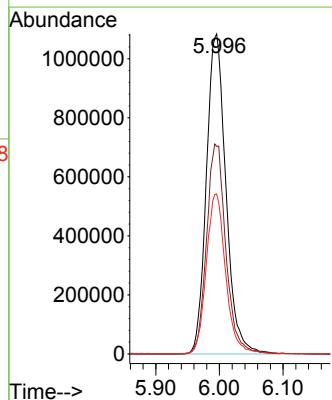
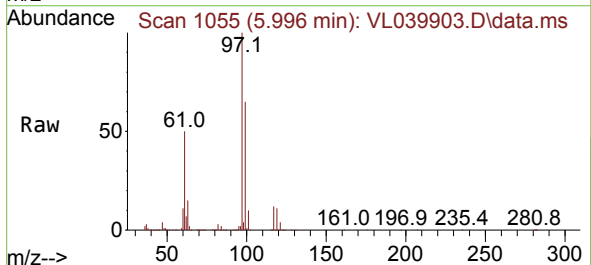
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111822

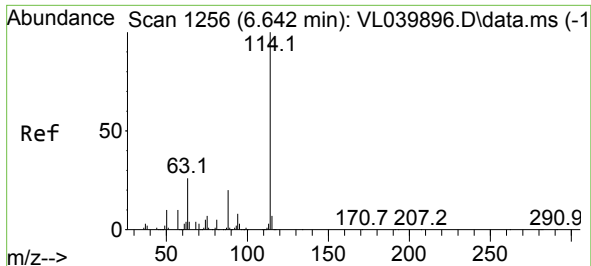
Tgt Ion: 61 Resp: 1226286
 Ion Ratio Lower Upper
 61 100
 96 64.4 50.3 75.5
 98 42.9 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 10.027 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion: 97 Resp: 2312533
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.4 77.0
 61 49.7 40.7 61.1

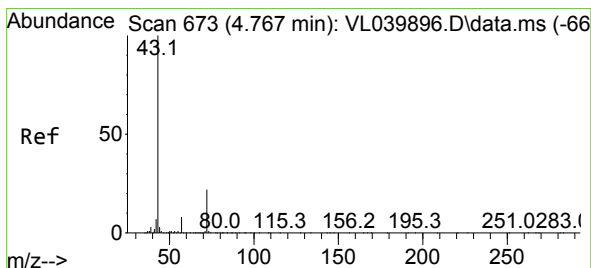
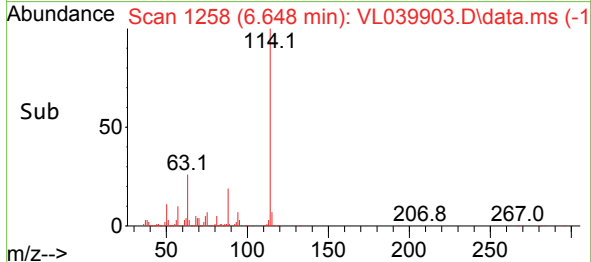
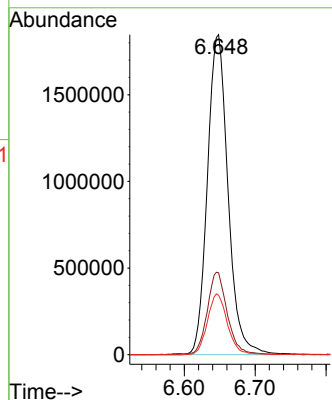
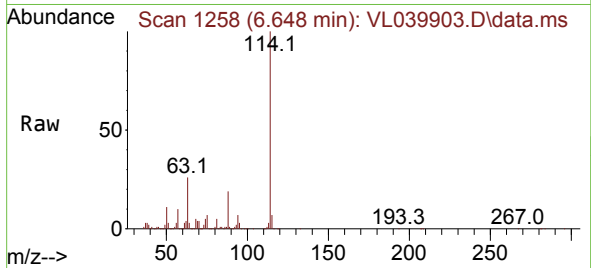




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

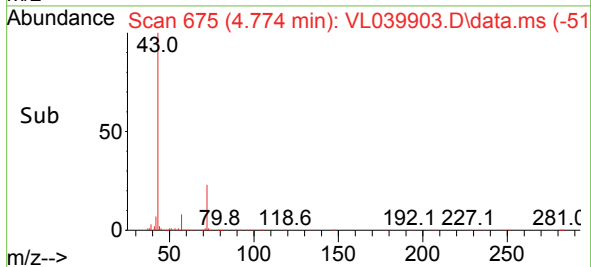
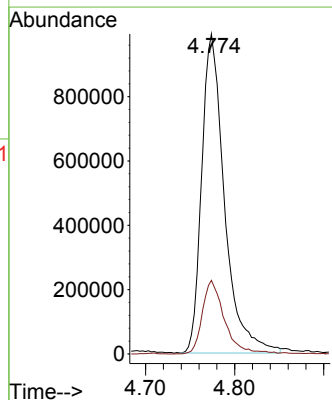
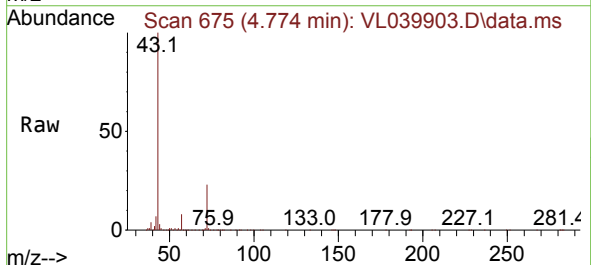
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

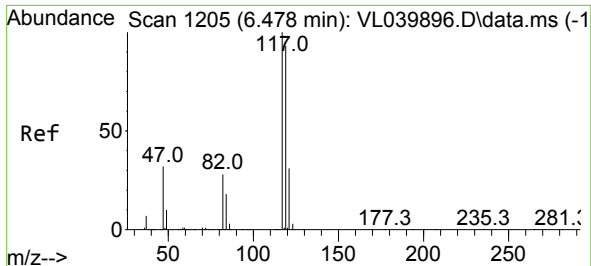
Tgt Ion:114 Resp: 3728662
Ion Ratio Lower Upper
114 100
63 25.4 21.4 32.0
88 18.5 15.3 22.9



#34
2-Butanone
Concen: 9.888 ppbv
RT: 4.774 min Scan# 675
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 43 Resp: 1764086
Ion Ratio Lower Upper
43 100
72 22.8 17.4 26.2

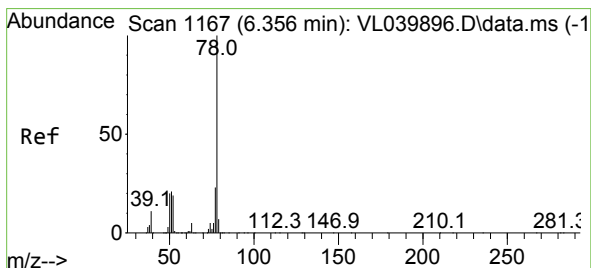
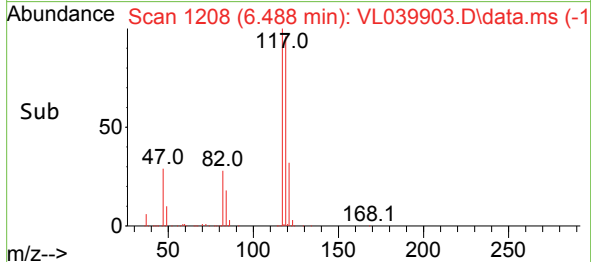
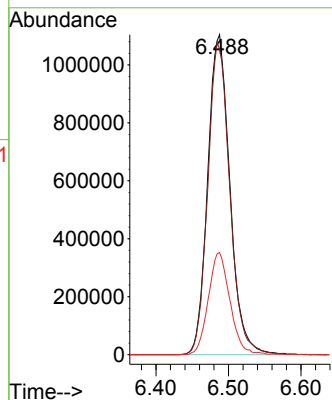
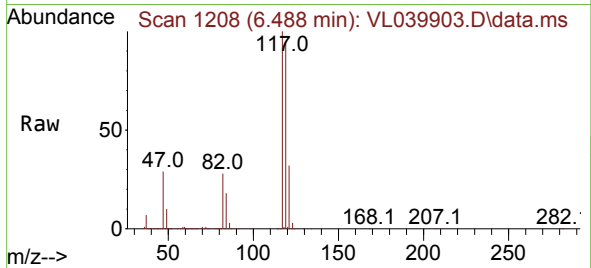




#35
Carbon Tetrachloride
Concen: 11.102 ppbv
RT: 6.488 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

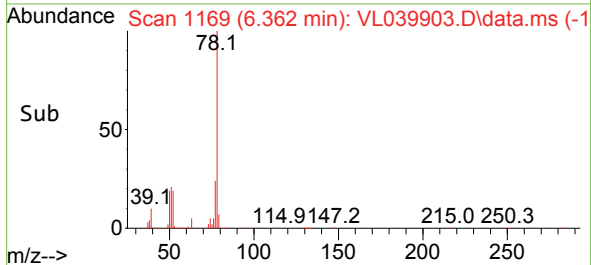
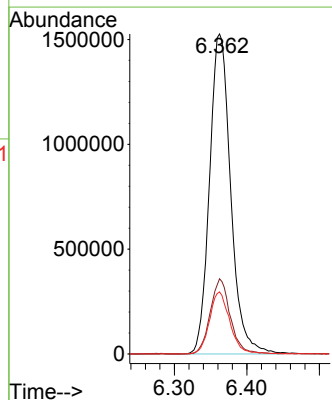
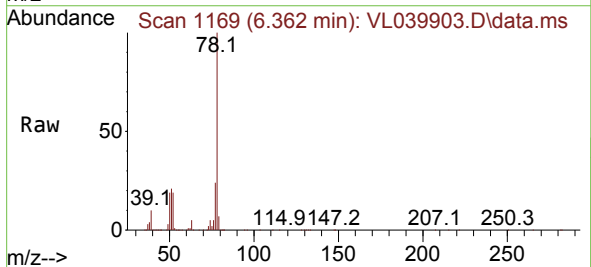
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

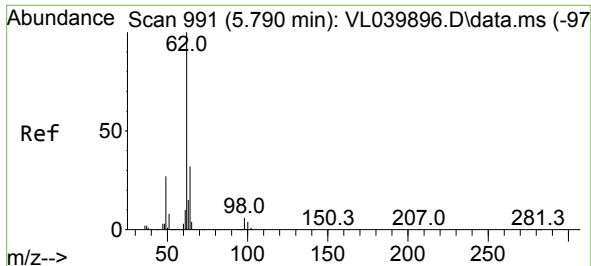
Tgt Ion:117 Resp: 2350938
Ion Ratio Lower Upper
117 100
119 95.4 74.7 112.1
121 31.9 24.5 36.7



#36
Benzene
Concen: 9.766 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 78 Resp: 3095140
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.2
50 19.4 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.264 ppbv

RT: 5.796 min Scan# 991

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

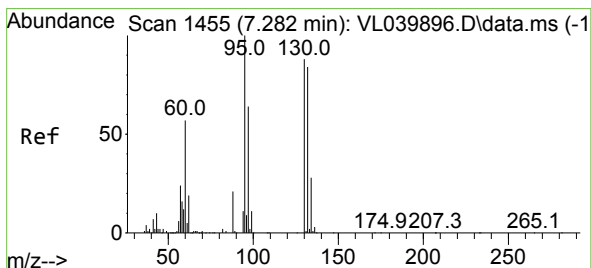
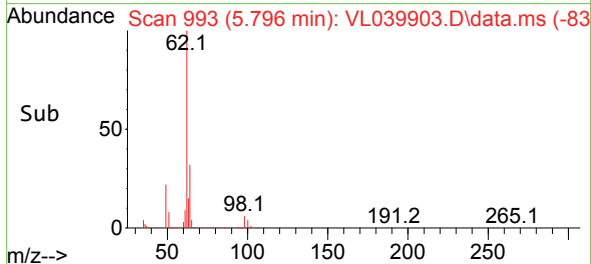
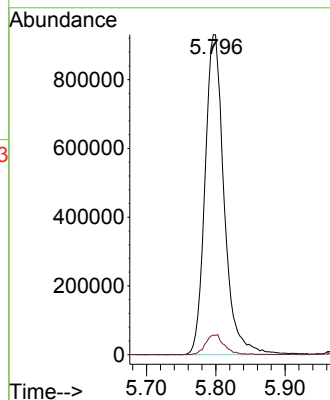
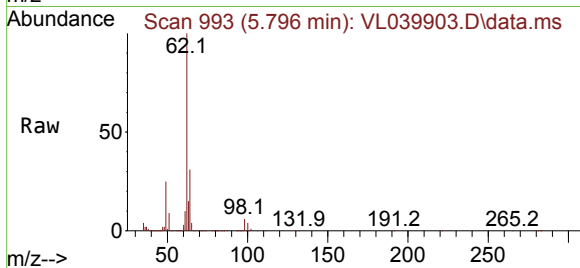
ICVVL111822

Tgt Ion: 62 Resp: 1782595

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.6



#38

Trichloroethene

Concen: 9.825 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Tgt Ion:130 Resp: 1740581

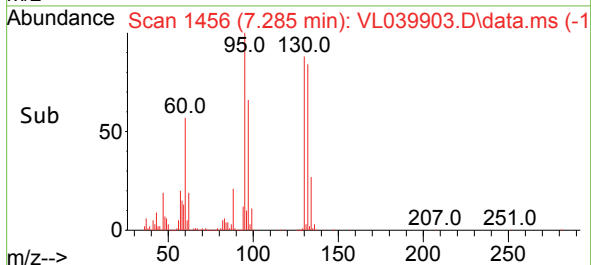
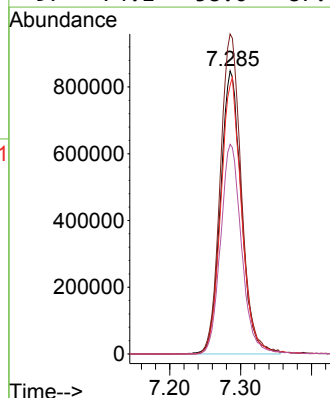
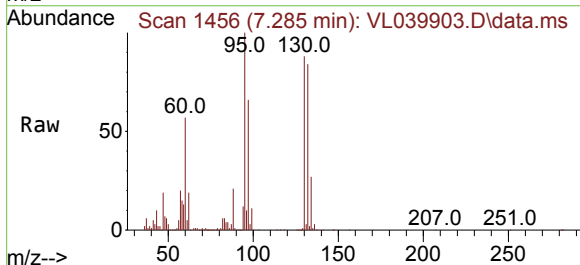
Ion Ratio Lower Upper

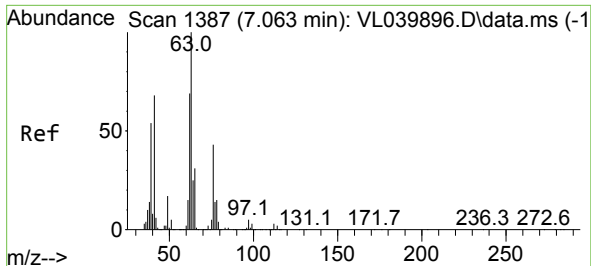
130 100

95 113.0 90.6 135.8

132 94.9 76.2 114.4

97 74.1 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.619 ppbv

RT: 7.070 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111822

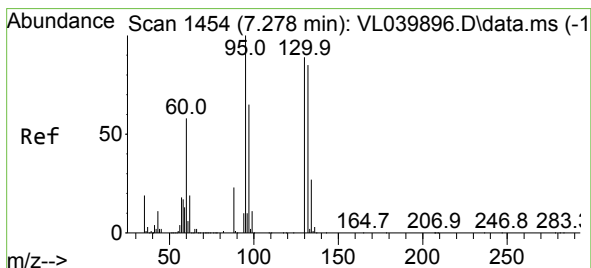
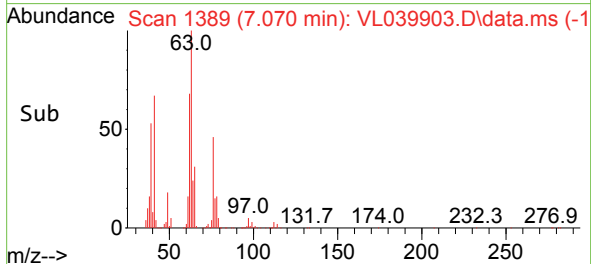
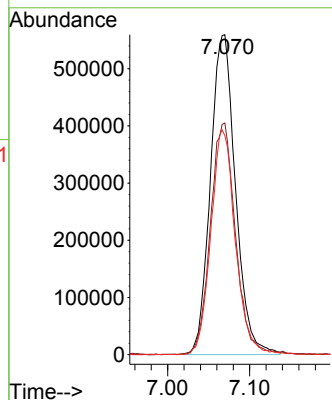
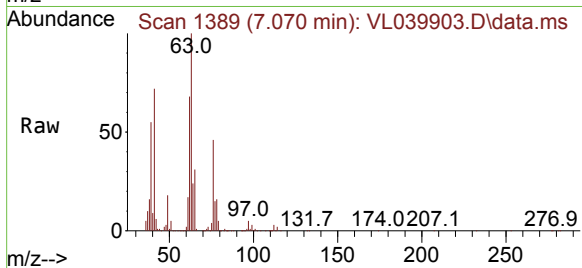
Tgt Ion: 63 Resp: 1187803

Ion Ratio Lower Upper

63 100

41 72.2 54.7 82.1

62 68.3 55.0 82.6



#40

1,4-Dioxane

Concen: 9.518 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Tgt Ion: 88 Resp: 468187

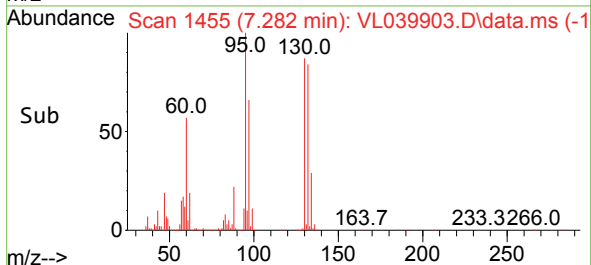
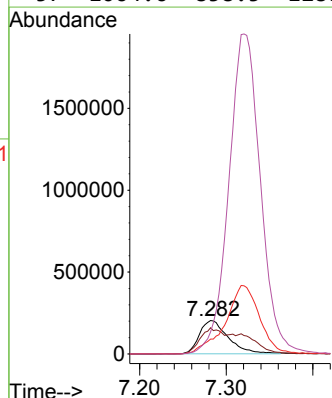
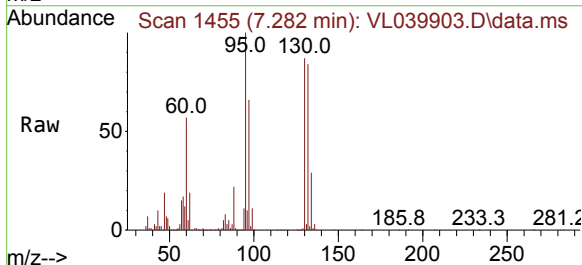
Ion Ratio Lower Upper

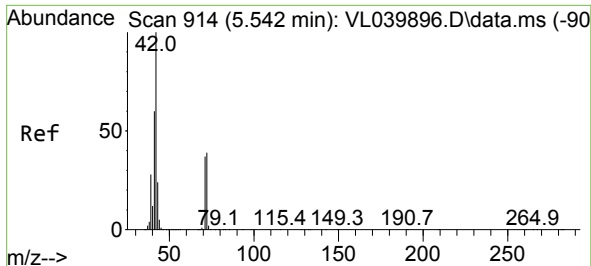
88 100

58 121.8 100.5 150.7

43 244.8 195.8 293.8

57 1064.6 858.5 1287.7





#41

Tetrahydrofuran

Concen: 10.030 ppbv

RT: 5.549 min Scan# 914

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111822

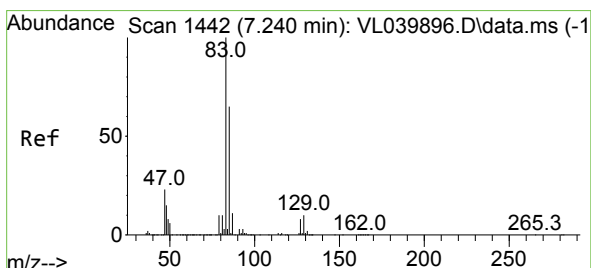
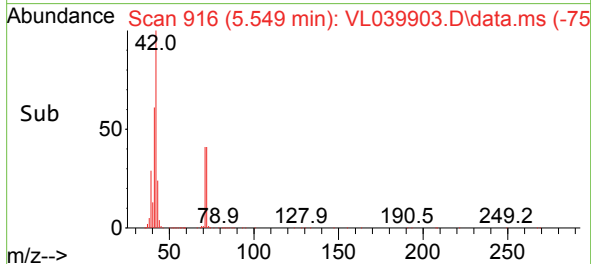
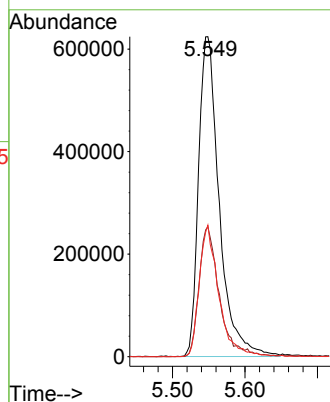
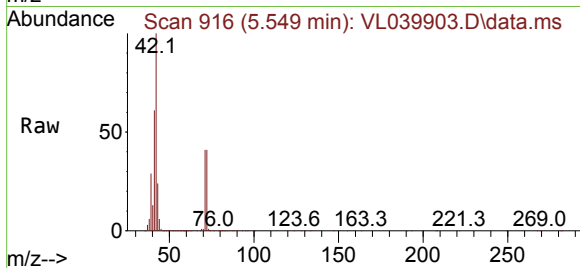
Tgt Ion: 42 Resp: 1235368

Ion Ratio Lower Upper

42 100

72 40.2 31.6 47.4

71 39.1 31.2 46.8



#42

Bromodichloromethane

Concen: 10.599 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. 0.003 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

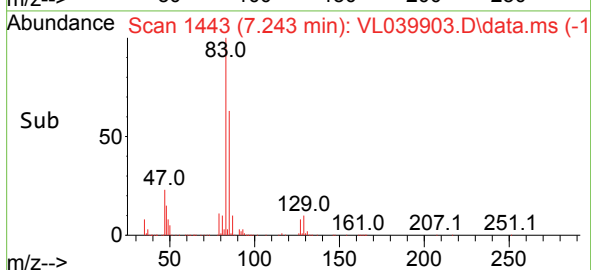
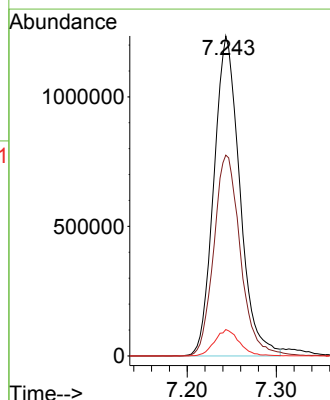
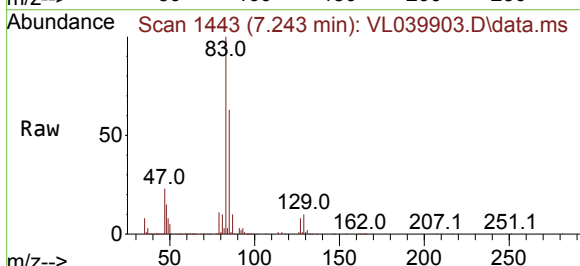
Tgt Ion: 83 Resp: 2496427

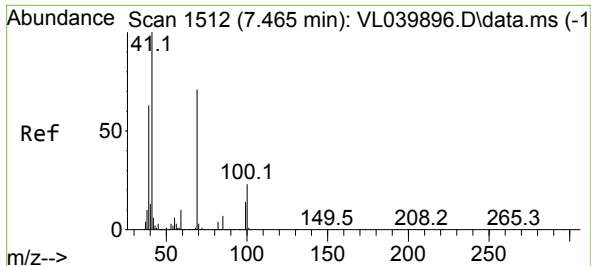
Ion Ratio Lower Upper

83 100

85 62.8 52.0 78.0

127 8.2 6.5 9.7

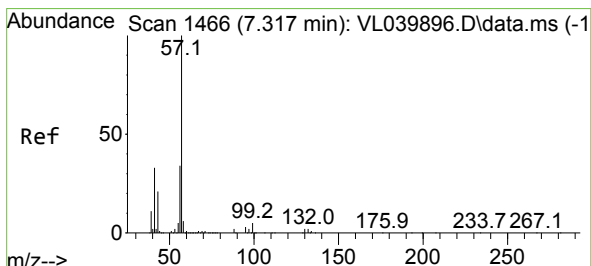
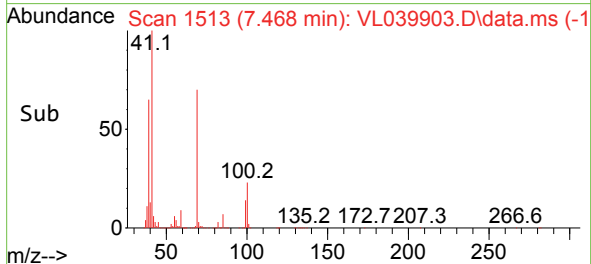
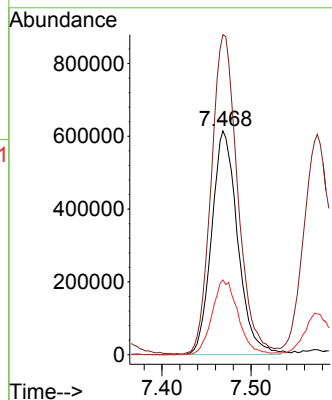
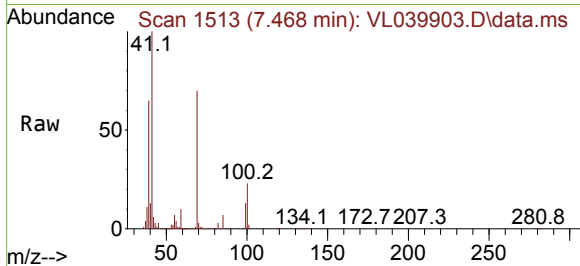




#43
Methyl Methacrylate
Concen: 10.021 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

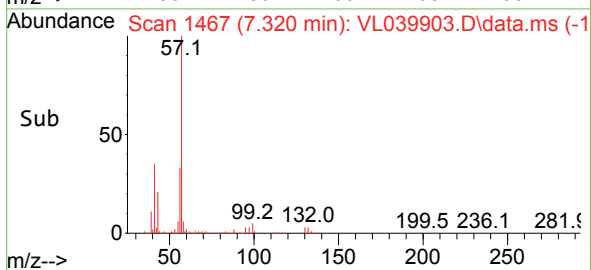
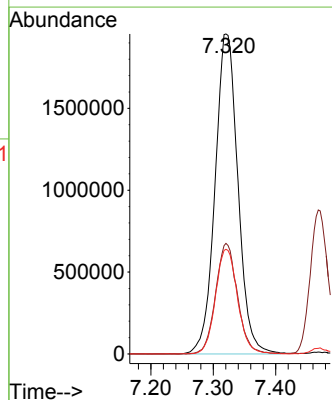
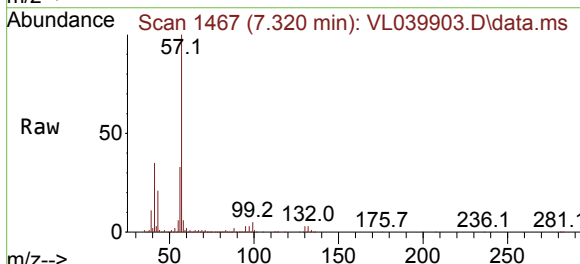
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

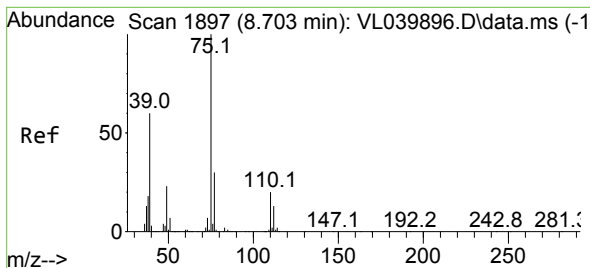
Tgt Ion: 69 Resp: 1245201
Ion Ratio Lower Upper
69 100
41 145.7 116.4 174.6
100 33.7 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 9.399 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 57 Resp: 4972849
Ion Ratio Lower Upper
57 100
41 32.9 26.2 39.2
56 31.7 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 11.191 ppbv

RT: 8.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

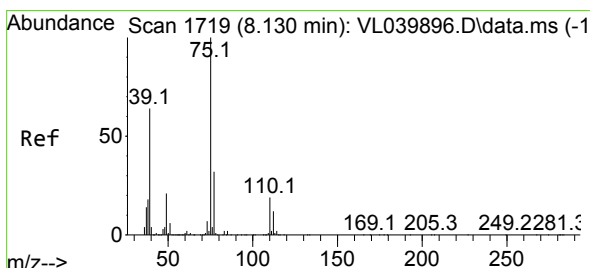
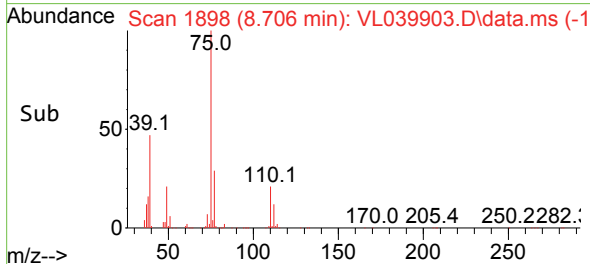
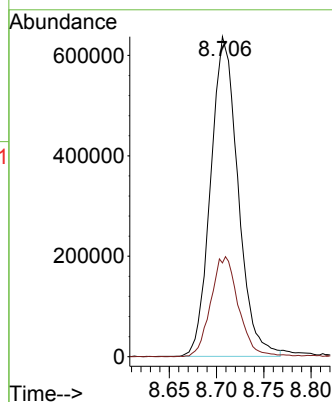
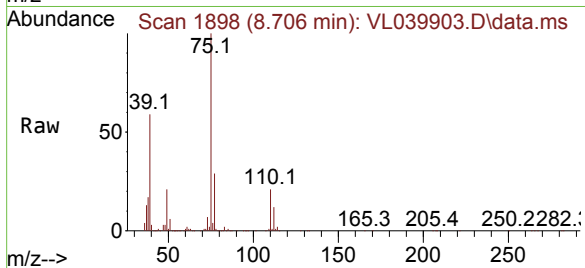
ICVVL111822

Tgt Ion: 75 Resp: 1284712

Ion Ratio Lower Upper

75 100

77 29.3 24.2 36.4



#46

cis-1,3-Dichloropropene

Concen: 10.545 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.010 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

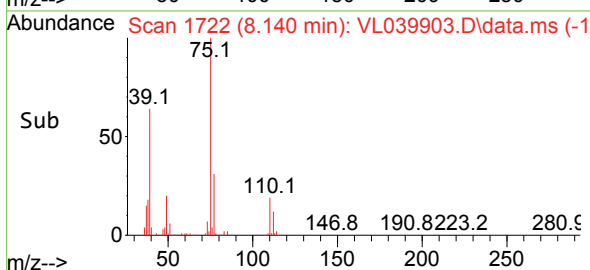
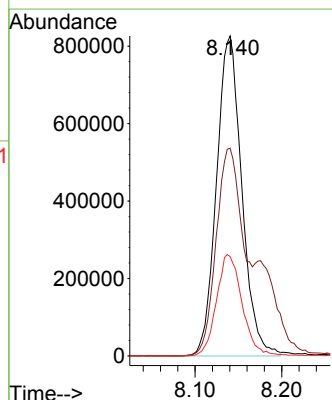
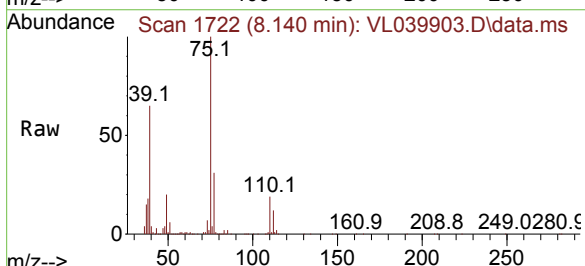
Tgt Ion: 75 Resp: 1677098

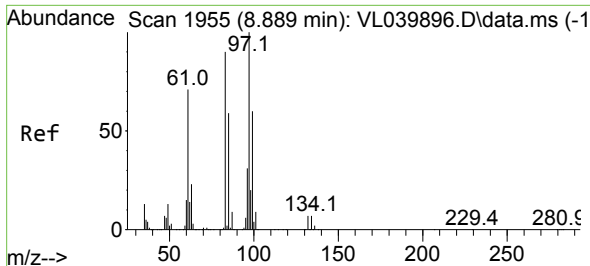
Ion Ratio Lower Upper

75 100

39 64.8 51.0 76.4

77 31.1 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.698 ppbv

RT: 8.899 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111822

Tgt Ion: 97 Resp: 1230680

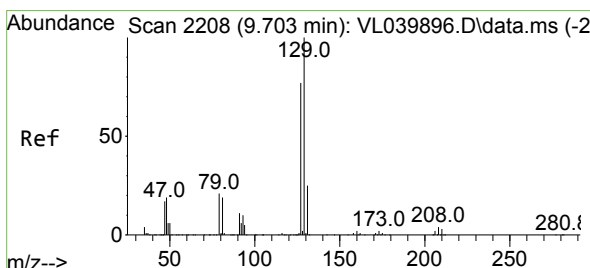
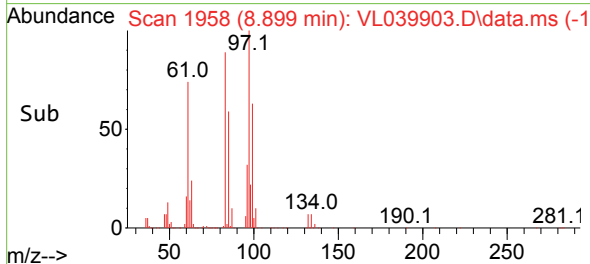
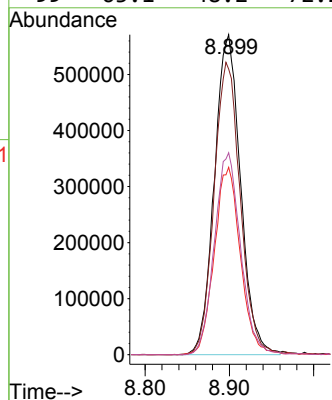
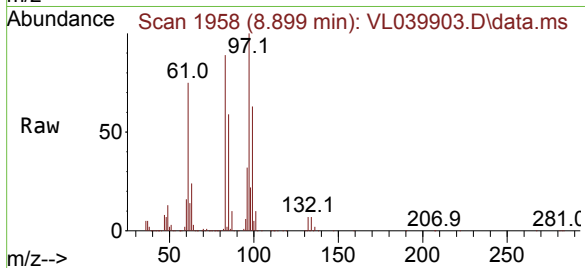
Ion Ratio Lower Upper

97 100

83 89.2 72.1 108.1

85 58.5 47.2 70.8

99 63.1 48.2 72.2



#48

Dibromochloromethane

Concen: 11.228 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.007 min

Lab File: VL039903.D

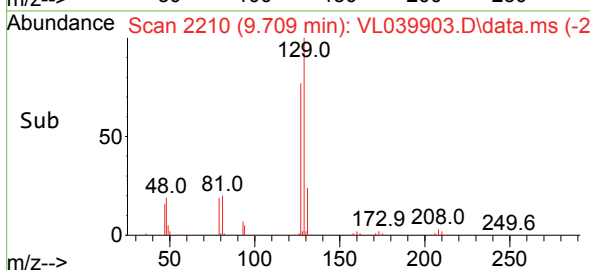
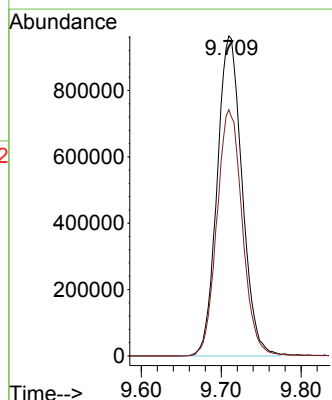
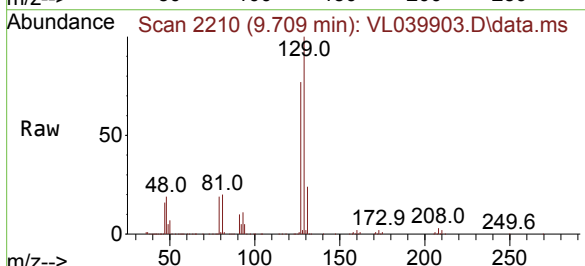
Acq: 18 Nov 2022 13:12

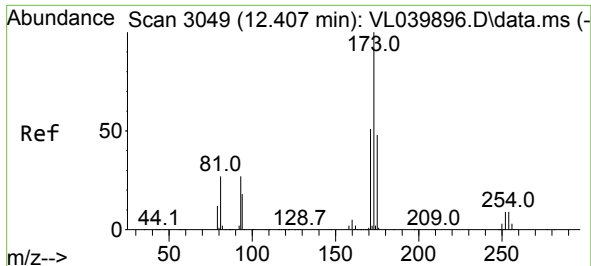
Tgt Ion: 129 Resp: 2087033

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.3

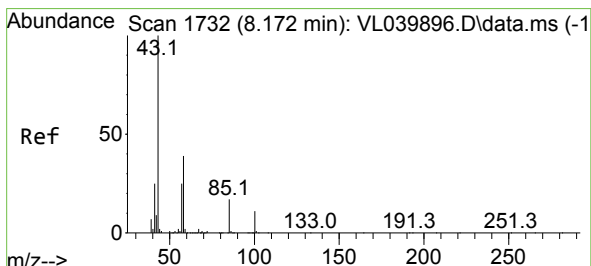
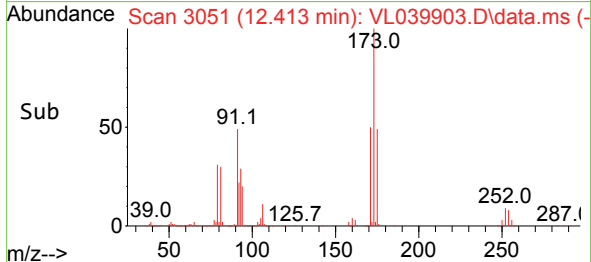
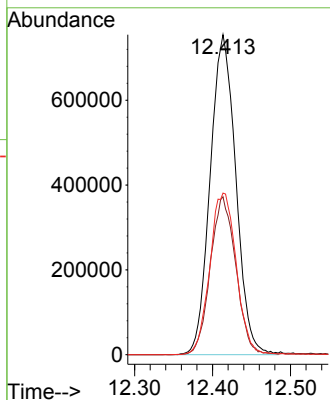
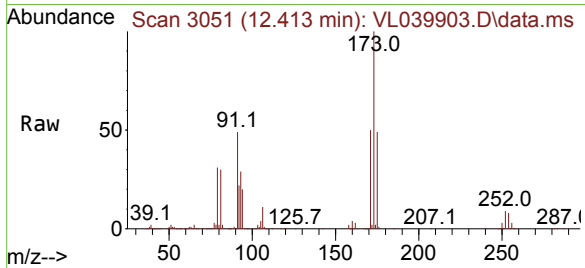




#49
Bromoform
Concen: 11.475 ppbv
RT: 12.413 min Scan# 3049
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

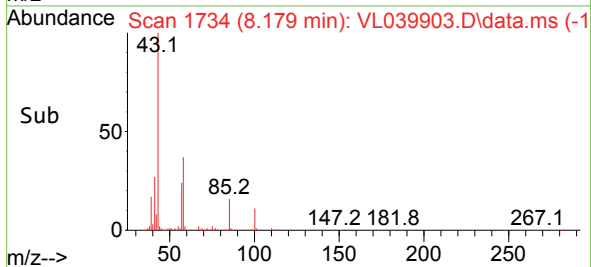
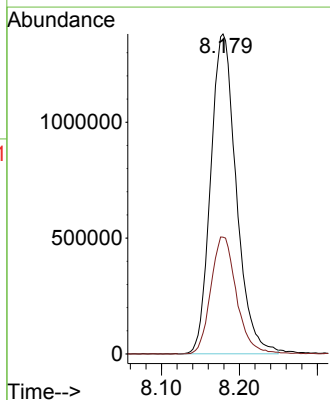
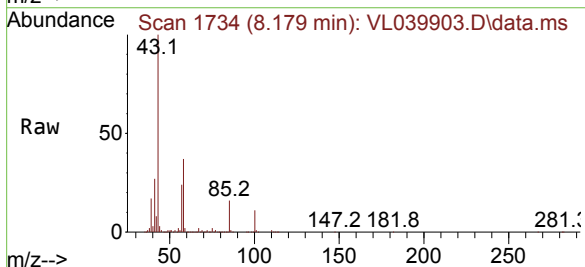
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

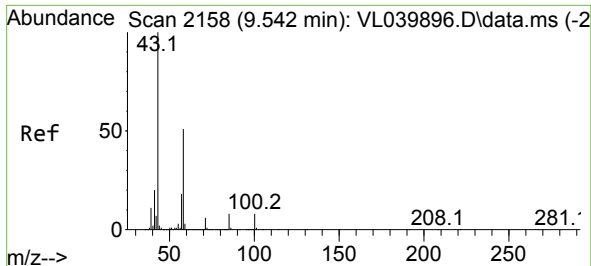
Tgt Ion:173 Resp: 1726589
Ion Ratio Lower Upper
173 100
175 49.3 39.1 58.7
171 52.5 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 9.865 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 43 Resp: 3152386
Ion Ratio Lower Upper
43 100
58 37.0 29.8 44.6

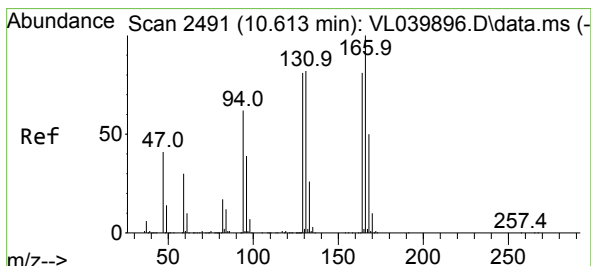
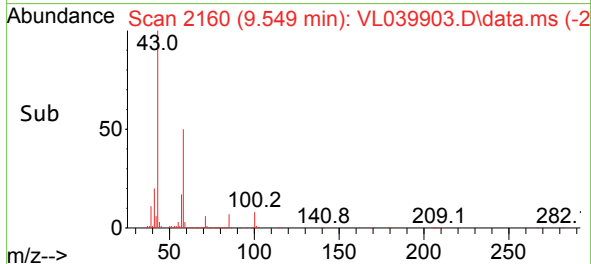
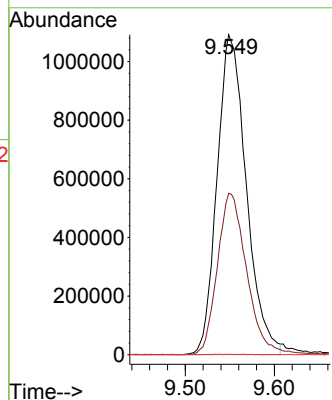
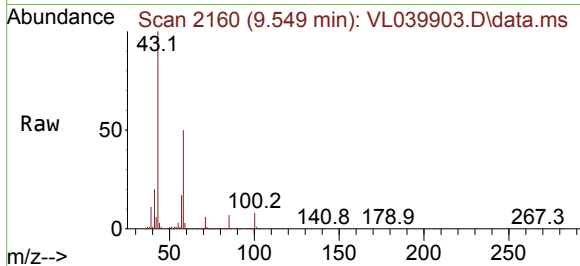




#51
2-Hexanone
Concen: 10.018 ppbv
RT: 9.549 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

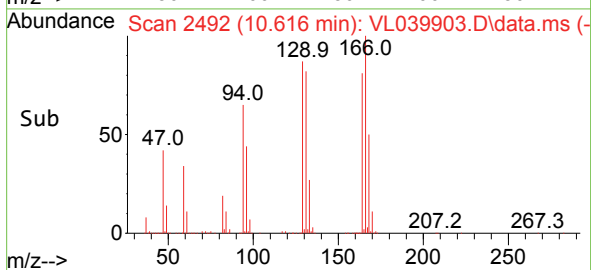
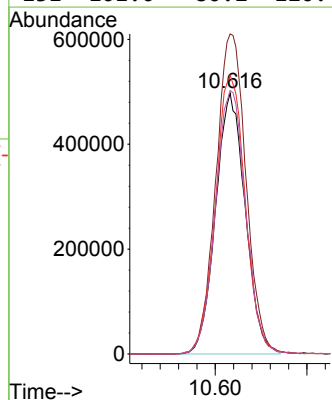
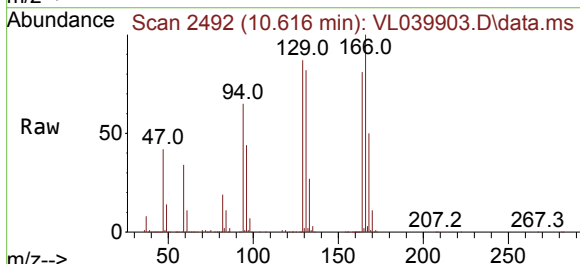
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

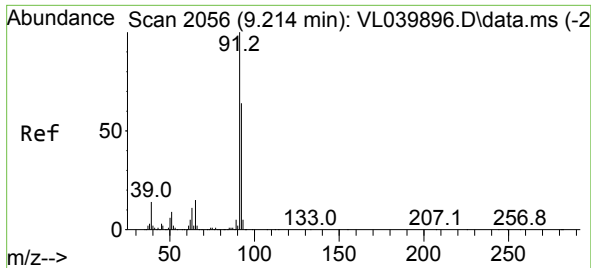
Tgt Ion: 43 Resp: 2485037
Ion Ratio Lower Upper
43 100
58 51.0 40.2 60.4
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.378 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 164 Resp: 1111881
Ion Ratio Lower Upper
164 100
166 122.6 98.3 147.5
129 106.8 79.7 119.5
131 101.0 80.2 120.4





#53

Toluene

Concen: 9.625 ppbv

RT: 9.217 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

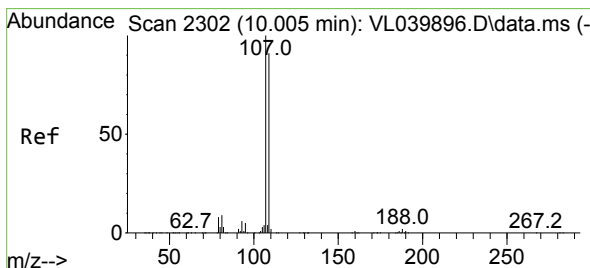
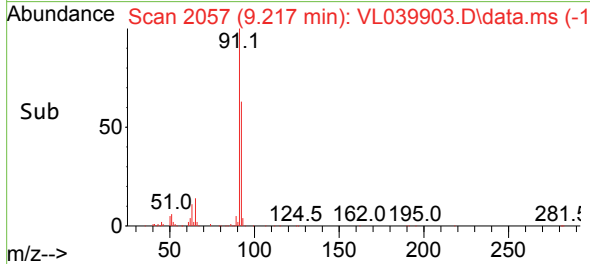
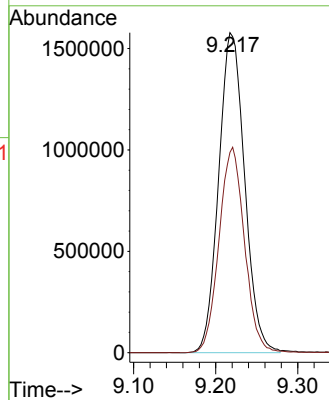
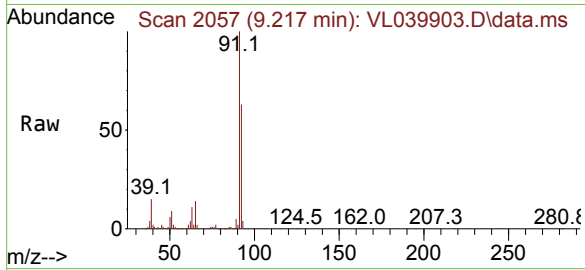
ICVVL111822

Tgt Ion: 91 Resp: 3475128

Ion Ratio Lower Upper

91 100

92 63.1 49.8 74.6



#54

1,2-Dibromoethane

Concen: 10.798 ppbv

RT: 10.012 min Scan# 2304

Delta R.T. 0.007 min

Lab File: VL039903.D

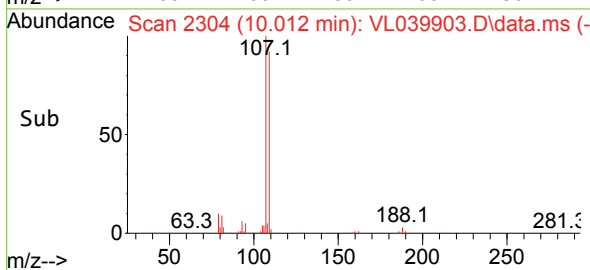
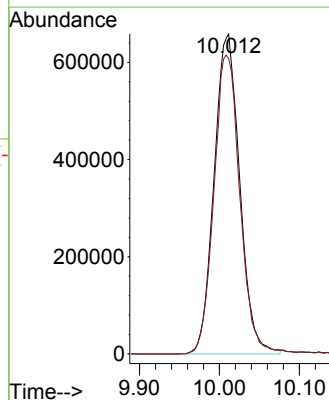
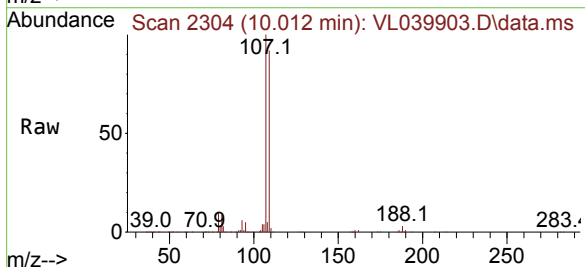
Acq: 18 Nov 2022 13:12

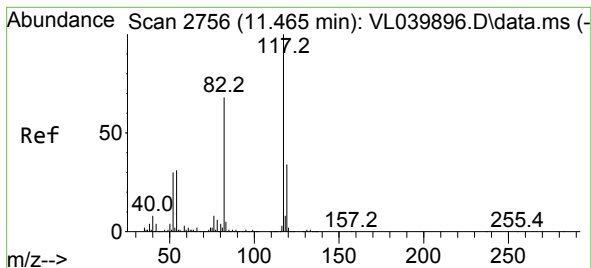
Tgt Ion: 107 Resp: 1462365

Ion Ratio Lower Upper

107 100

109 92.3 72.8 109.2

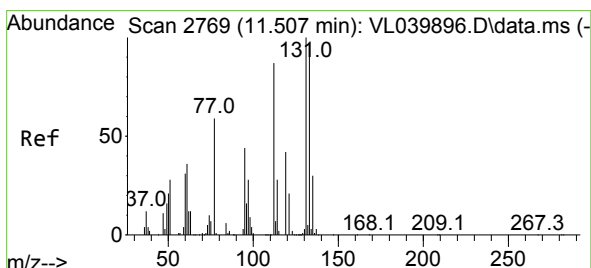
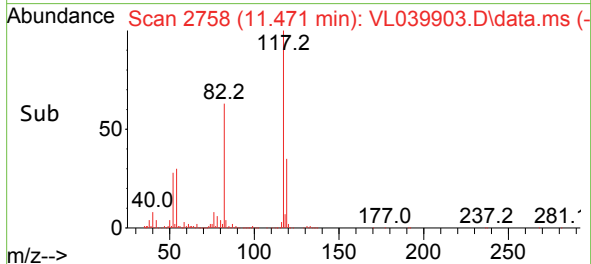
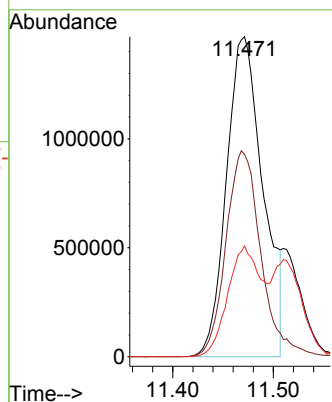
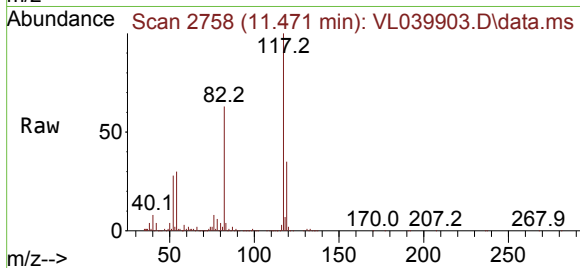




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2756
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

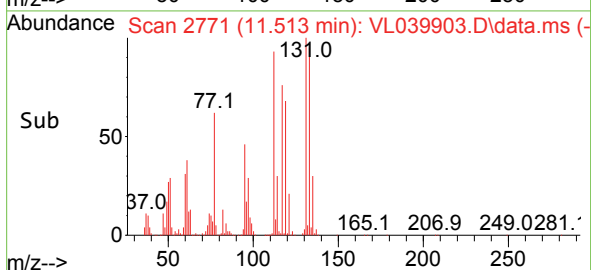
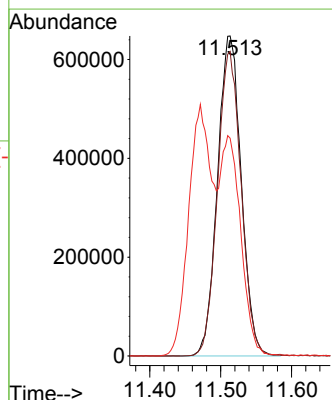
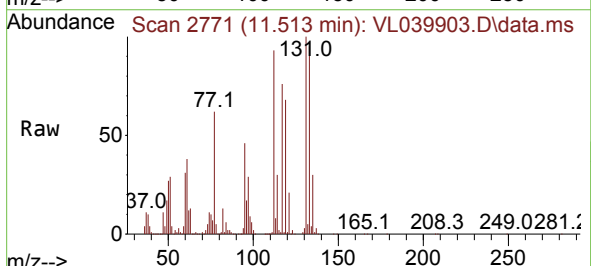
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

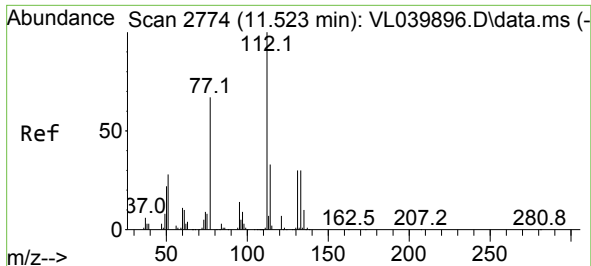
Tgt Ion:117 Resp: 3699950
Ion Ratio Lower Upper
117 100
82 61.9 52.3 78.5
119 33.4 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.972 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion:131 Resp: 1508245
Ion Ratio Lower Upper
131 100
133 95.2 76.7 115.1
119 61.0 46.6 69.8

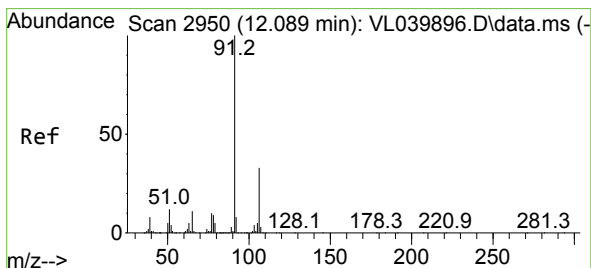
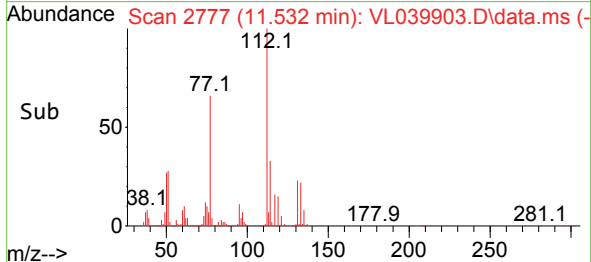
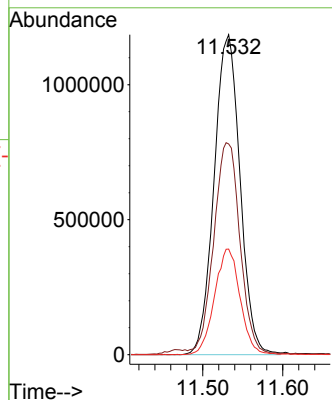
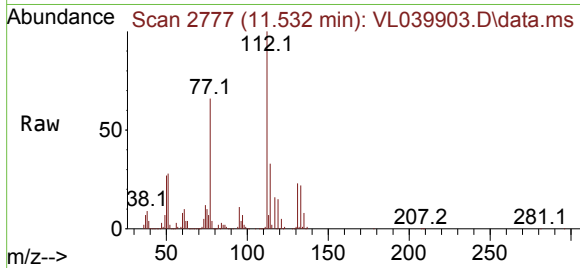




#57
Chlorobenzene
Concen: 9.434 ppbv
RT: 11.532 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

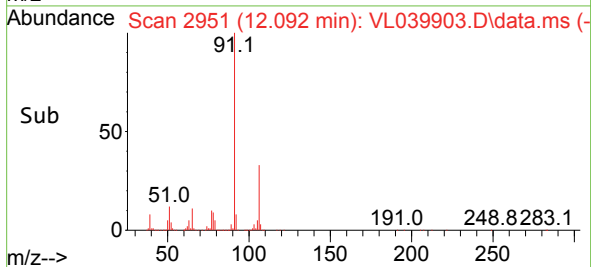
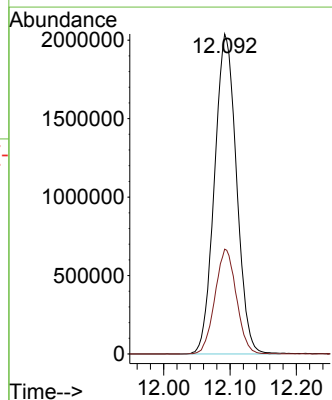
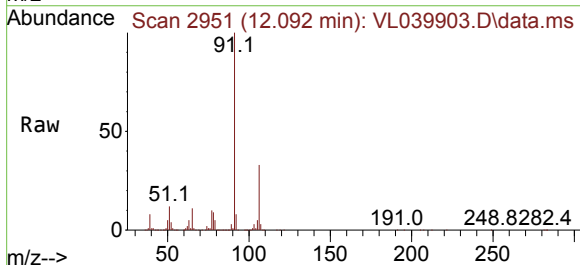
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

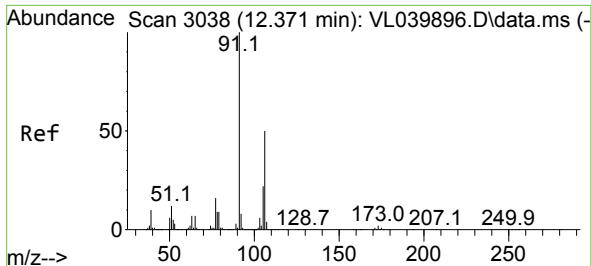
Tgt Ion:112 Resp: 2668850
Ion Ratio Lower Upper
112 100
77 65.4 54.6 81.8
114 33.0 30.1 36.7



#58
Ethyl Benzene
Concen: 9.356 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 91 Resp: 4696414
Ion Ratio Lower Upper
91 100
106 32.8 26.1 39.1





#59

m/p-Xylene

Concen: 9.365 ppbv

RT: 12.378 min Scan# 3038

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

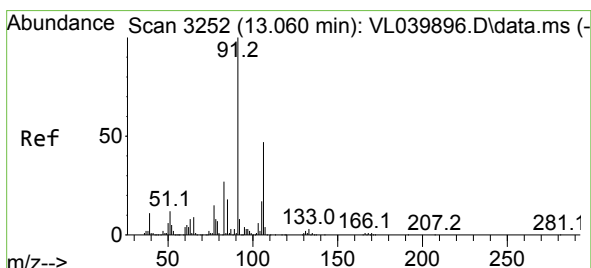
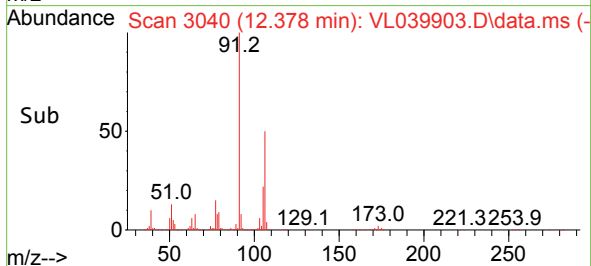
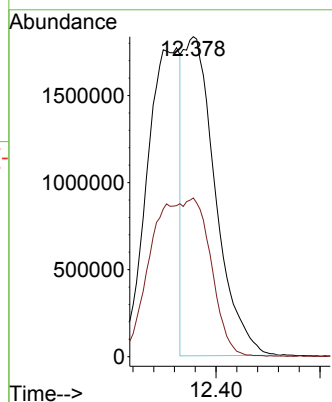
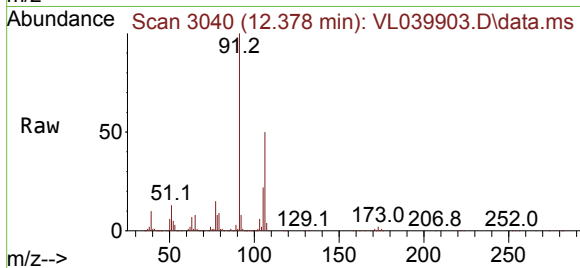
ICVVL111822

Tgt Ion: 91 Resp: 3934450

Ion Ratio Lower Upper

91 100

106 92.0 37.0 55.6#



#60

o-Xylene

Concen: 9.408 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.007 min

Lab File: VL039903.D

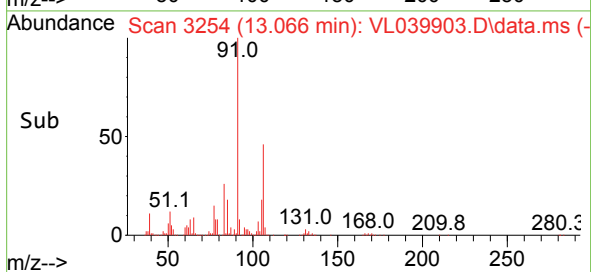
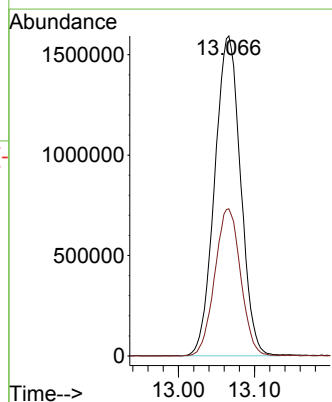
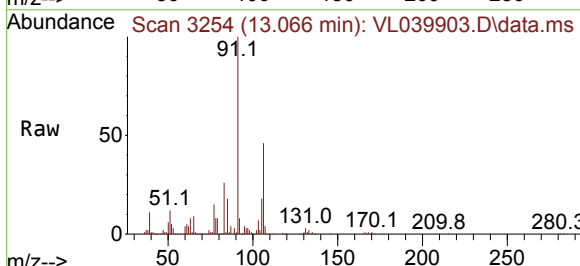
Acq: 18 Nov 2022 13:12

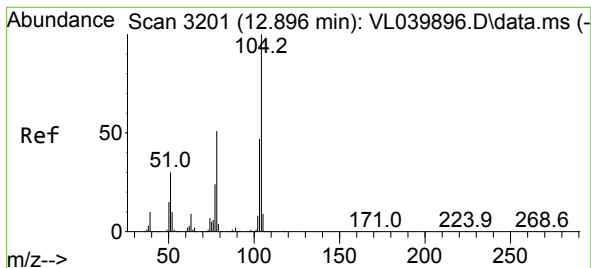
Tgt Ion: 91 Resp: 3769452

Ion Ratio Lower Upper

91 100

106 46.2 23.2 69.6





#61

Styrene

Concen: 9.877 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111822

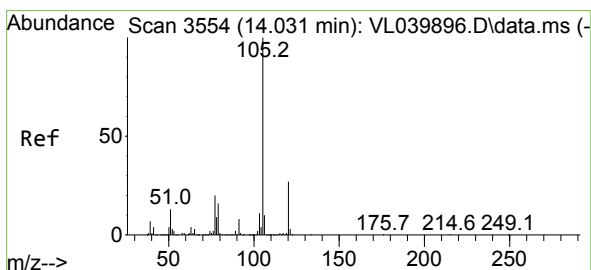
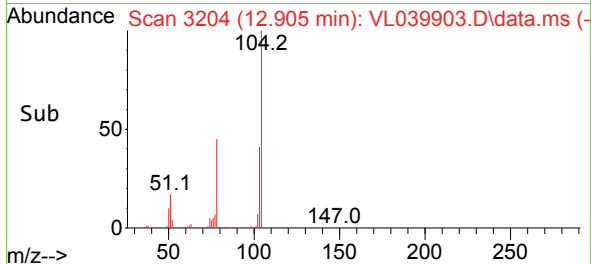
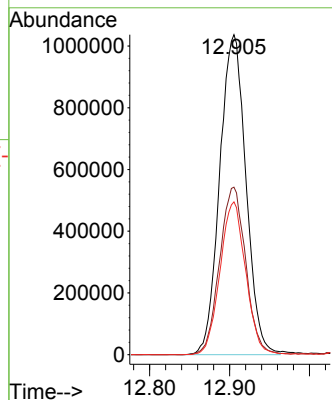
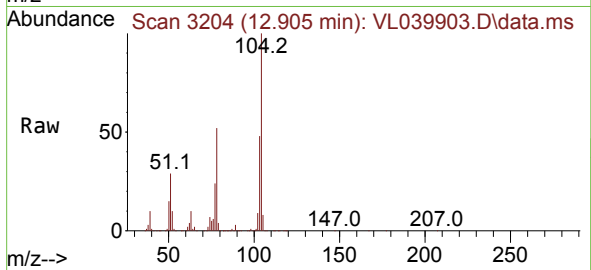
Tgt Ion:104 Resp: 2362113

Ion Ratio Lower Upper

104 100

78 52.5 41.8 62.8

103 46.9 37.2 55.8



#62

Isopropylbenzene

Concen: 9.376 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.007 min

Lab File: VL039903.D

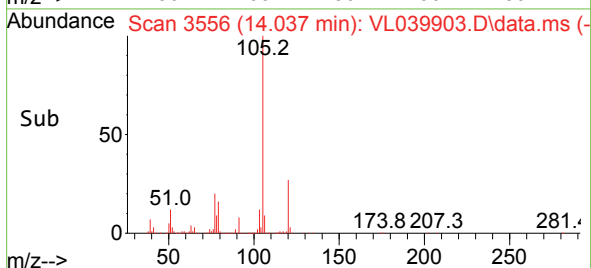
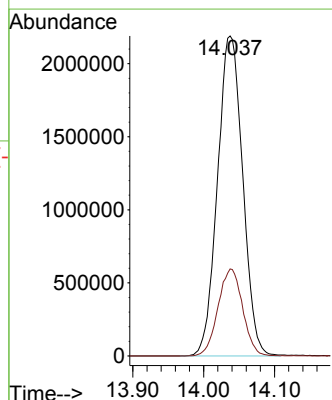
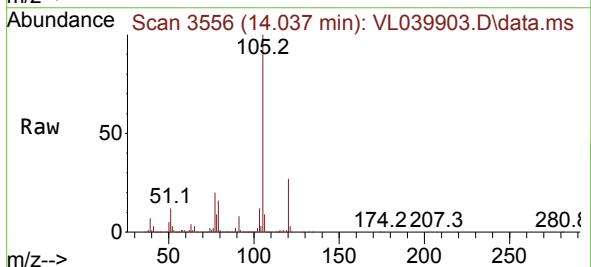
Acq: 18 Nov 2022 13:12

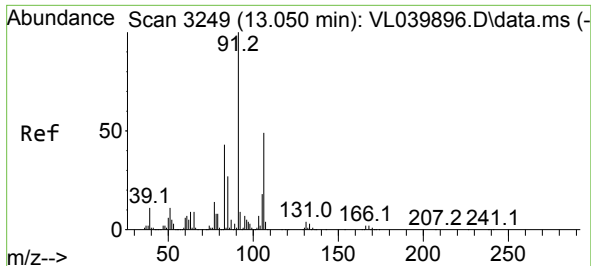
Tgt Ion:105 Resp: 5417091

Ion Ratio Lower Upper

105 100

120 26.5 21.4 32.2

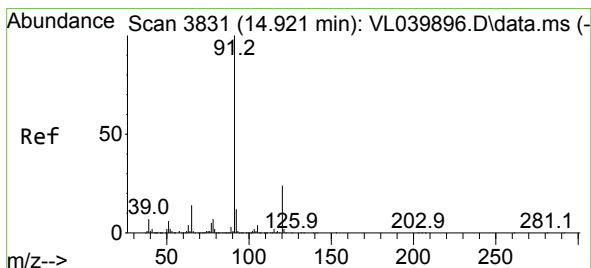
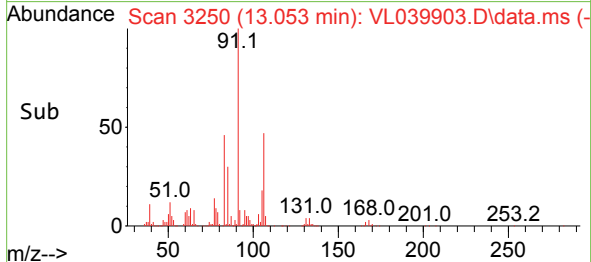
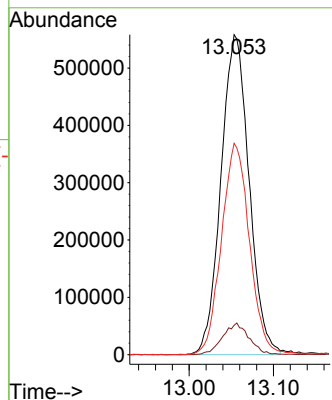
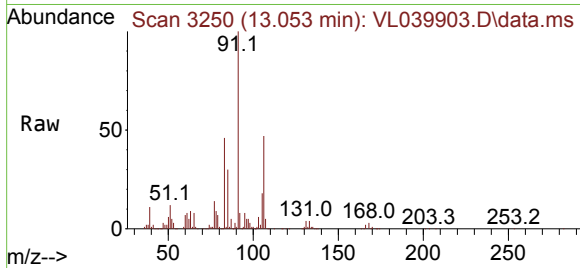




#63
1,1,2,2-Tetrachloroethane
Concen: 9.653 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

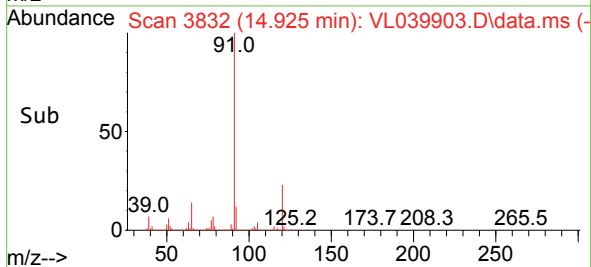
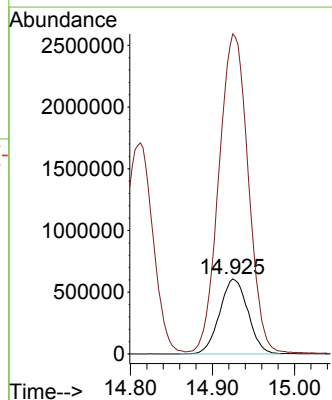
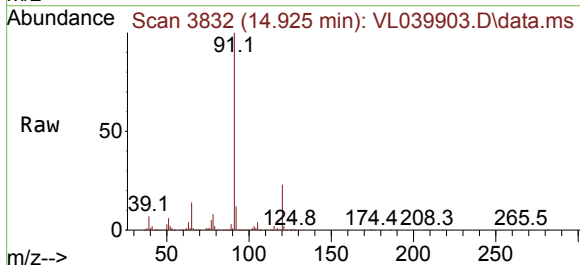
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

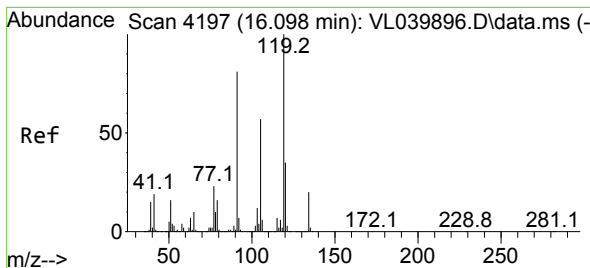
Tgt Ion: 83 Resp: 1291435
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 66.1 33.0 99.0



#64
n-propylbenzene
Concen: 9.611 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion:120 Resp: 1452642
Ion Ratio Lower Upper
120 100
91 446.4 353.7 530.5

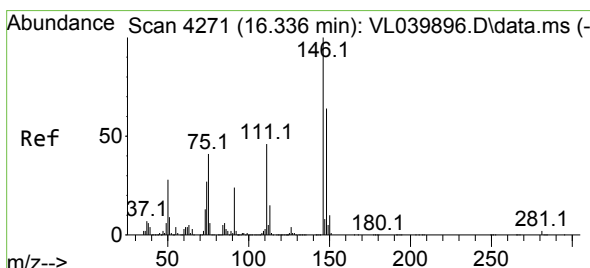
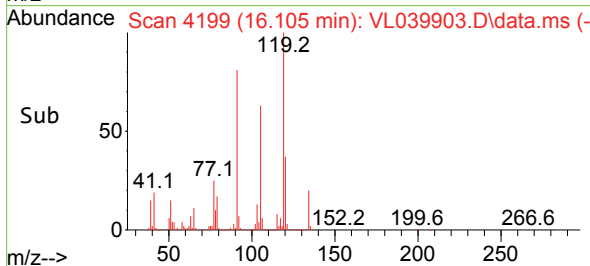
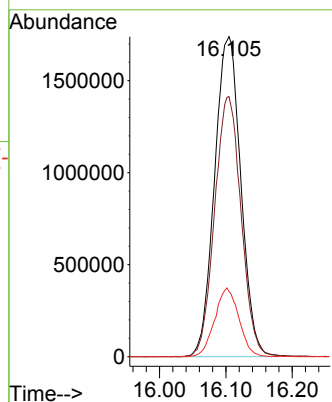
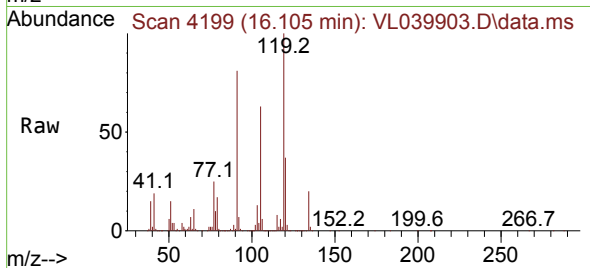




#65
tert-Butylbenzene
Concen: 9.468 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

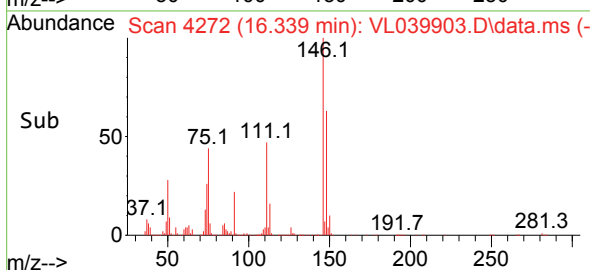
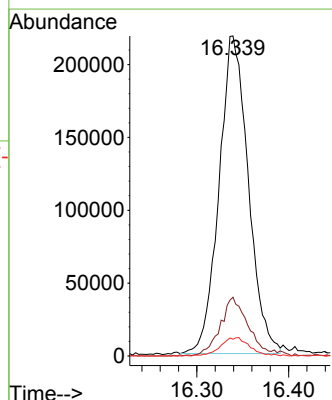
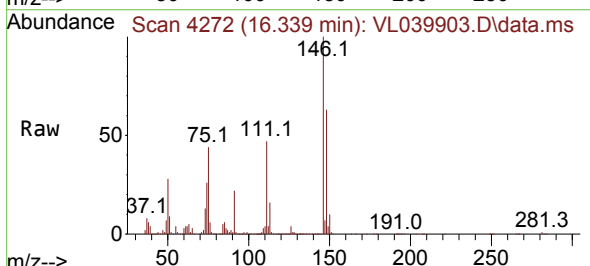
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

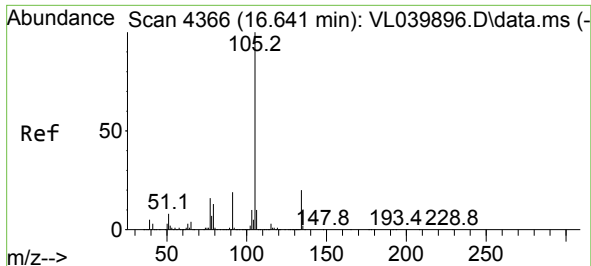
Tgt Ion:119 Resp: 4785237
Ion Ratio Lower Upper
119 100
91 81.8 65.8 98.8
134 19.8 16.1 24.1



#66
Benzyl Chloride
Concen: 11.167 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 91 Resp: 483691
Ion Ratio Lower Upper
91 100
126 18.2 15.0 22.6
128 5.9 4.6 7.0

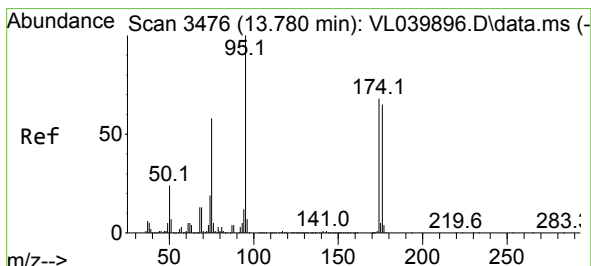
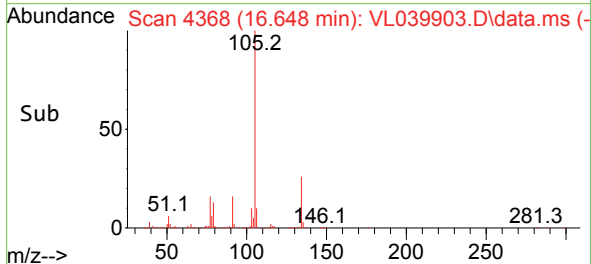
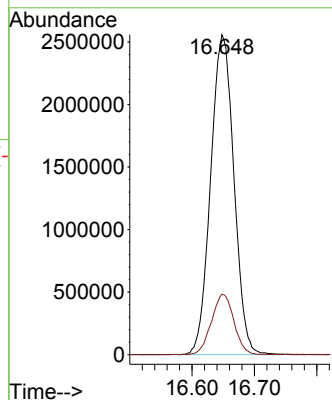
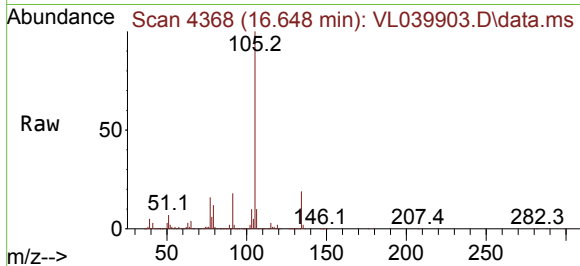




#67
 sec-Butylbenzene
 Concen: 9.531 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

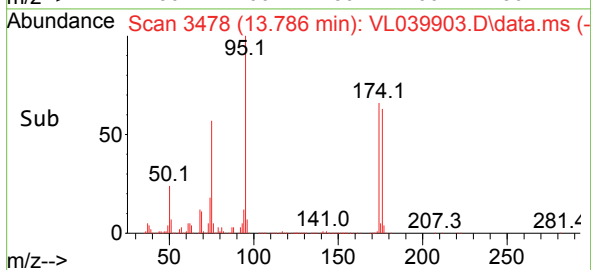
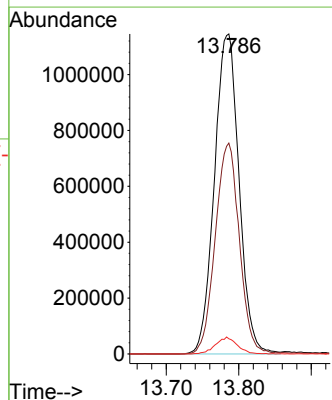
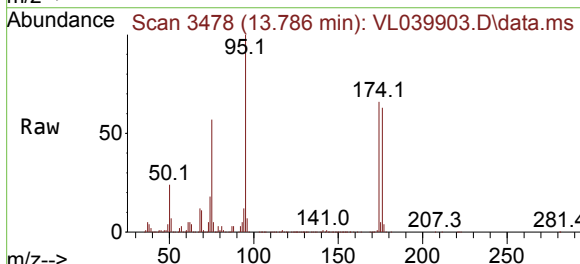
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111822

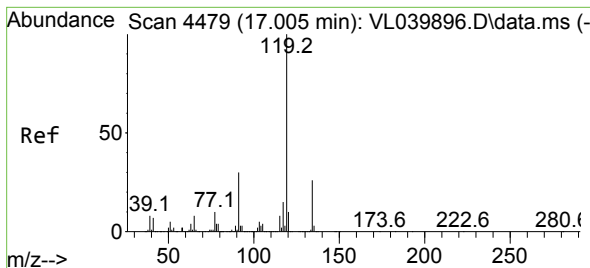
Tgt Ion:105 Resp: 6623796
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.567 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion: 95 Resp: 2703709
 Ion Ratio Lower Upper
 95 100
 174 65.0 53.7 80.5
 175 4.7 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.659 ppbv

RT: 17.011 min Scan# 4479

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111822

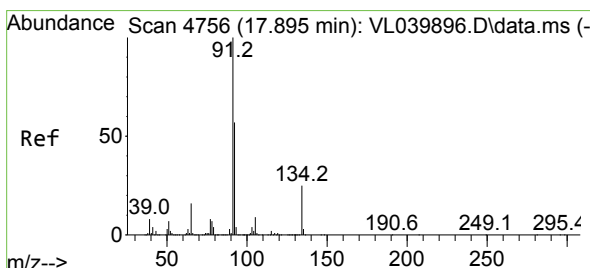
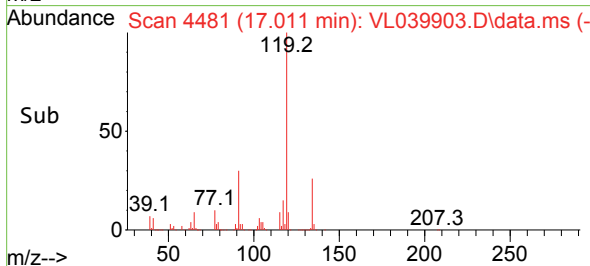
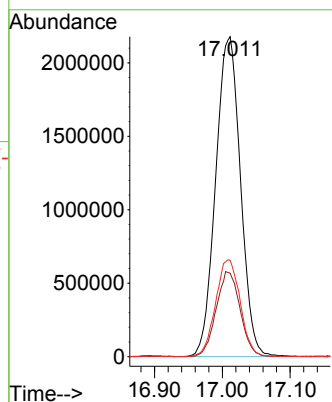
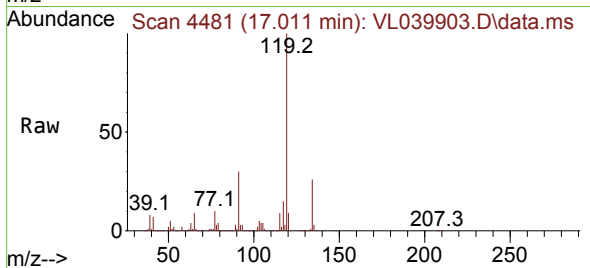
Tgt Ion:119 Resp: 5529637

Ion Ratio Lower Upper

119 100

134 25.9 21.0 31.4

91 30.2 24.4 36.6



#70

n-Butylbenzene

Concen: 9.864 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

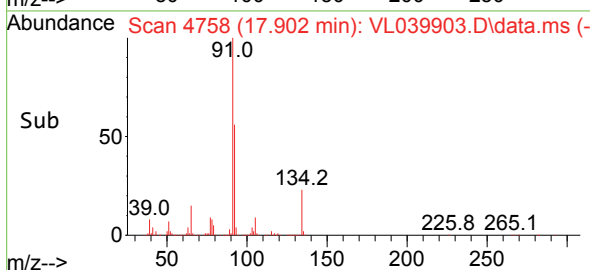
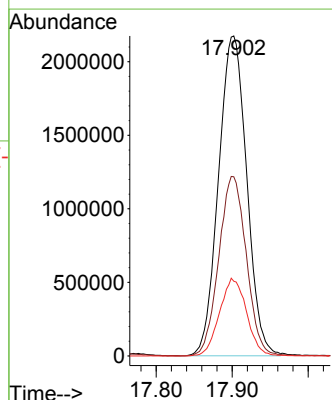
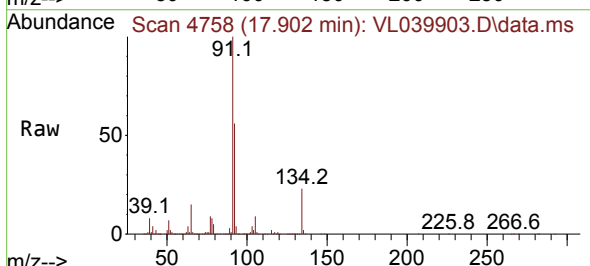
Tgt Ion: 91 Resp: 5597964

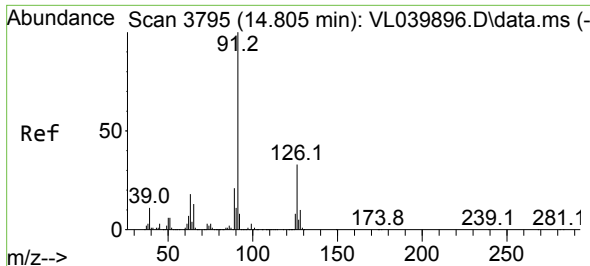
Ion Ratio Lower Upper

91 100

92 54.8 44.2 66.2

134 23.3 18.8 28.2

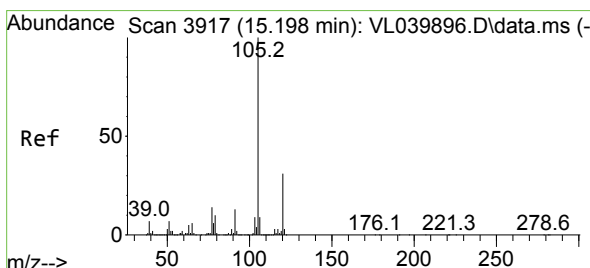
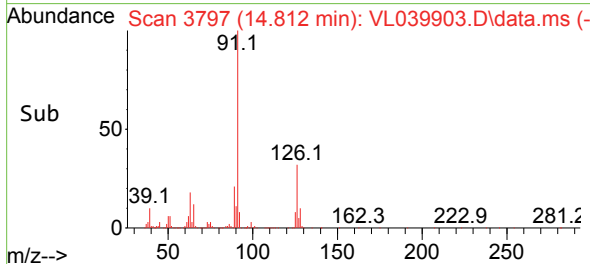
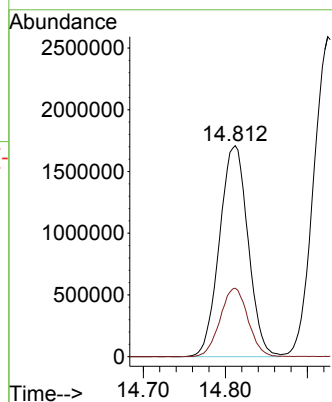
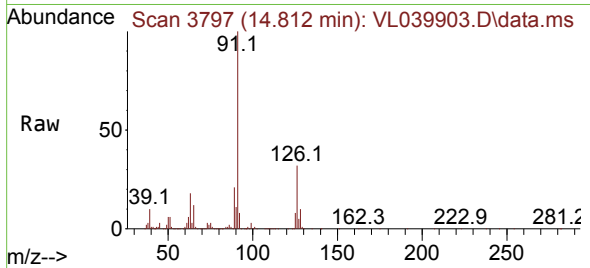




#71
2-Chlorotoluene
Concen: 9.450 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

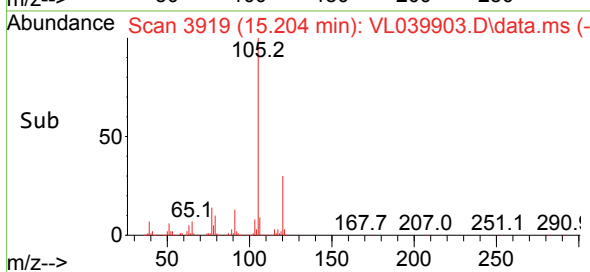
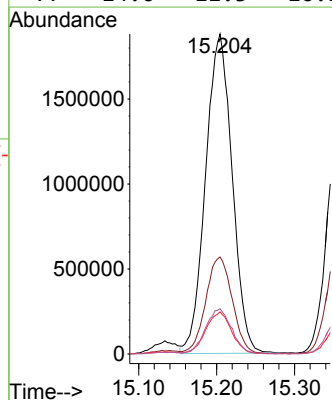
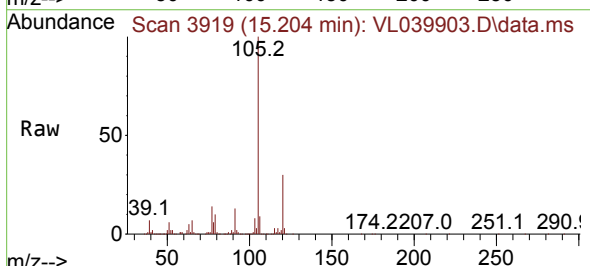
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

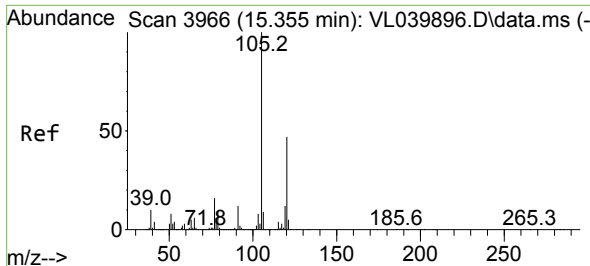
Tgt Ion: 91 Resp: 4138161
Ion Ratio Lower Upper
91 100
126 31.8 12.8 51.0



#72
4-Ethyltoluene
Concen: 9.897 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion: 105 Resp: 4457314
Ion Ratio Lower Upper
105 100
120 31.3 24.5 36.7
91 12.9 10.4 15.6
77 14.6 11.3 16.9

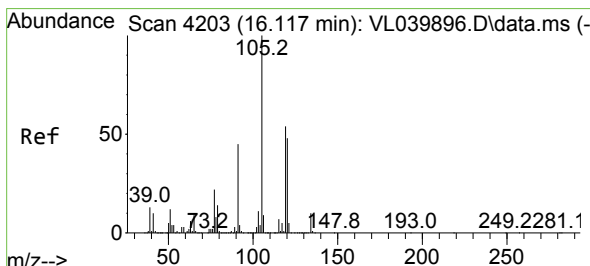
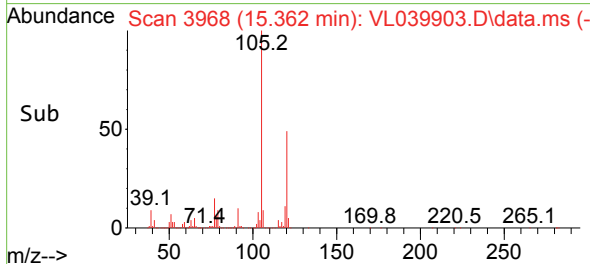
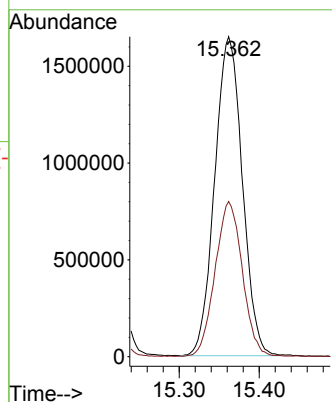
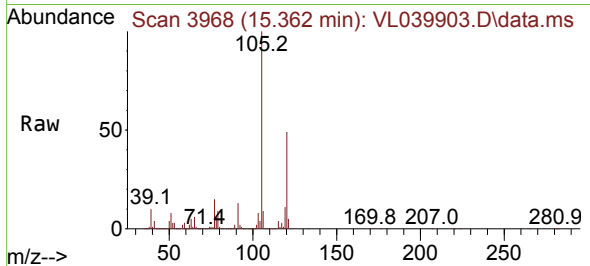




#73
 1,3,5-Trimethylbenzene
 Concen: 9.585 ppbv
 RT: 15.362 min Scan# 3966
 Delta R.T. 0.007 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

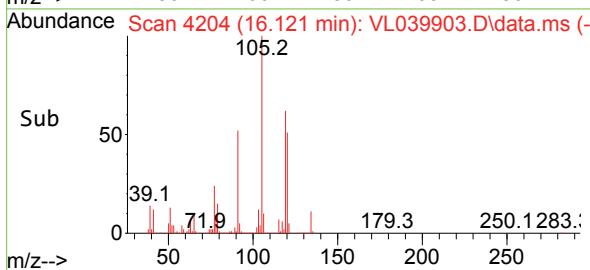
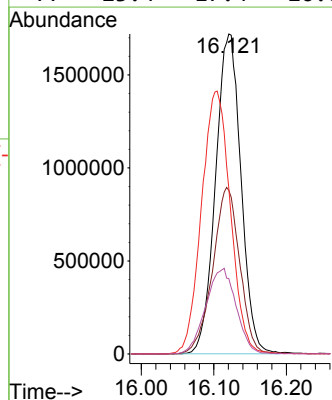
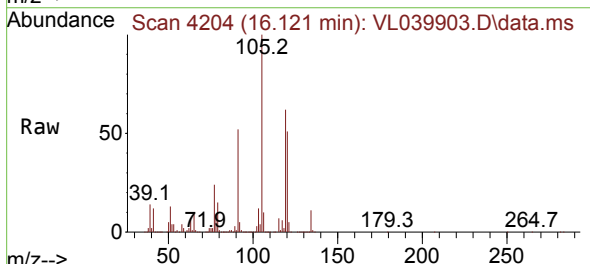
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111822

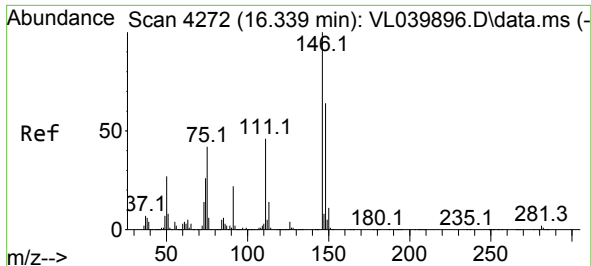
Tgt Ion:105 Resp: 3951670
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.9 56.9



#74
 1,2,4-Trimethylbenzene
 Concen: 9.607 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. 0.003 min
 Lab File: VL039903.D
 Acq: 18 Nov 2022 13:12

Tgt Ion:105 Resp: 4193215
 Ion Ratio Lower Upper
 105 100
 120 50.9 38.7 58.1
 91 51.4 36.4 54.6
 77 23.4 17.4 26.0

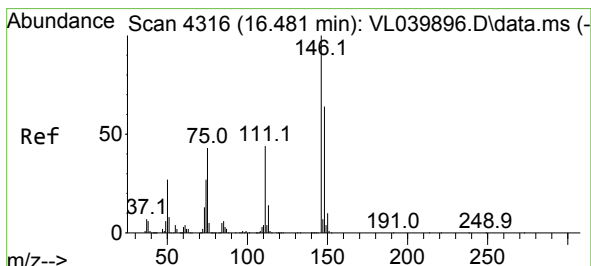
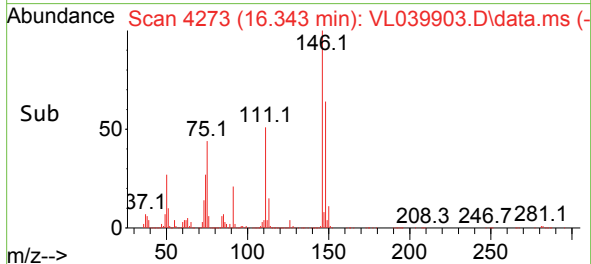
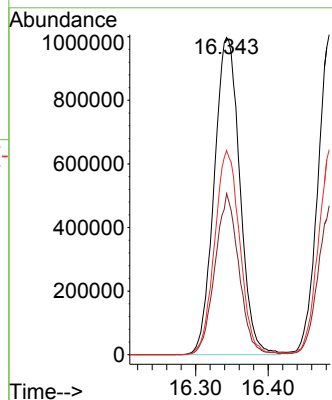
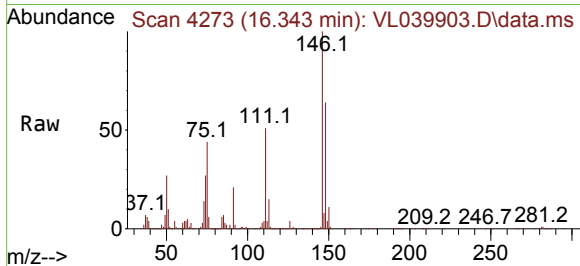




#75
1,3-Dichlorobenzene
Concen: 9.956 ppbv
RT: 16.343 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

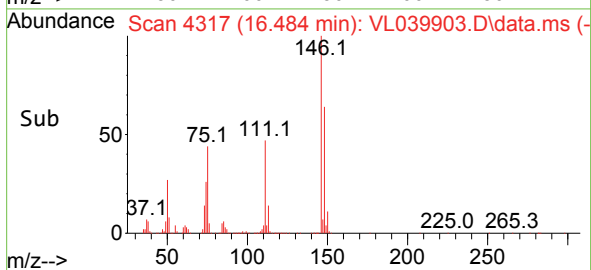
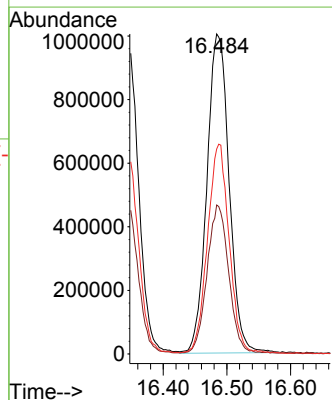
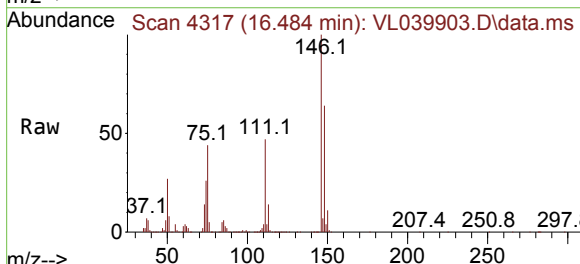
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

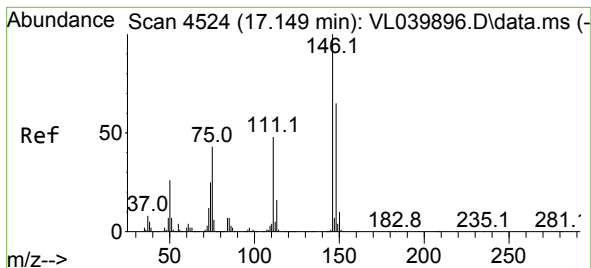
Tgt Ion:146 Resp: 2444860
Ion Ratio Lower Upper
146 100
111 47.7 23.3 69.9
148 63.4 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 9.999 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion:146 Resp: 2434128
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.3
148 63.9 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 9.818 ppbv

RT: 17.156 min Scan# 4524

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111822

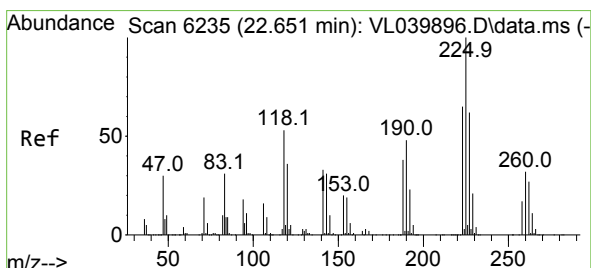
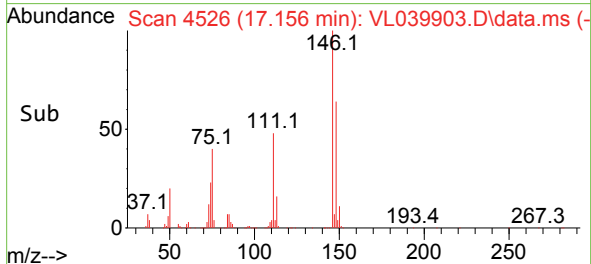
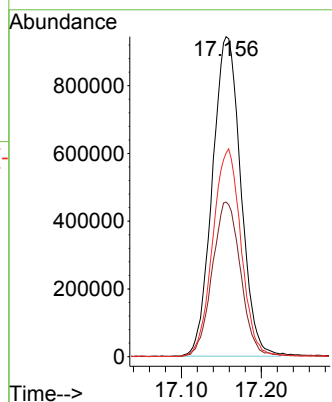
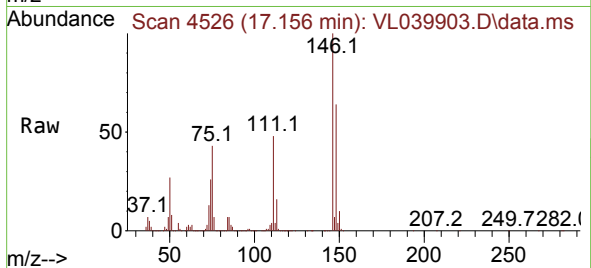
Tgt Ion:146 Resp: 2324342

Ion Ratio Lower Upper

146 100

111 48.7 24.1 72.3

148 65.0 32.4 97.2



#78

Hexachloro-1,3-Butadiene

Concen: 9.979 ppbv

RT: 22.657 min Scan# 6237

Delta R.T. 0.007 min

Lab File: VL039903.D

Acq: 18 Nov 2022 13:12

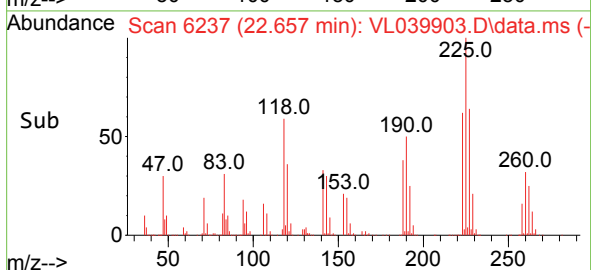
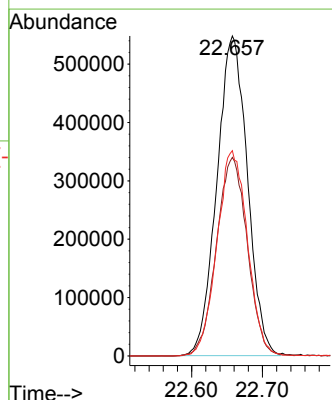
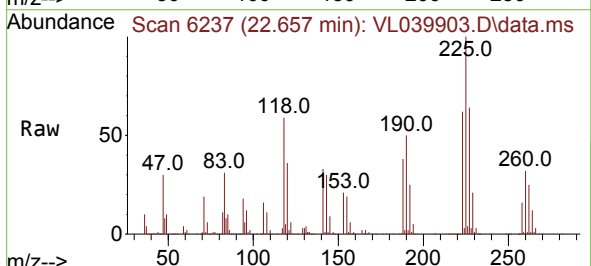
Tgt Ion:225 Resp: 1639242

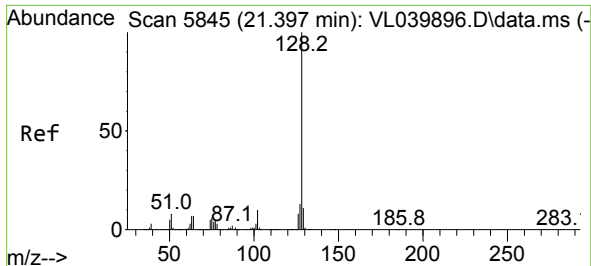
Ion Ratio Lower Upper

225 100

223 63.1 50.7 76.1

227 64.4 50.8 76.2

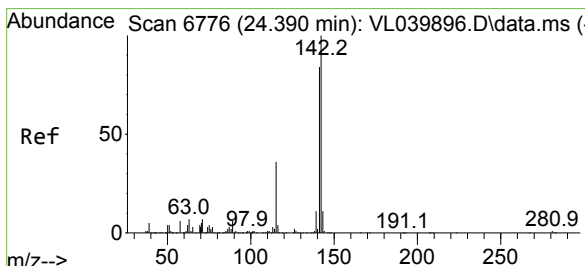
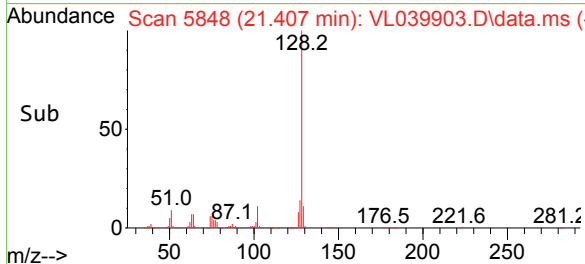
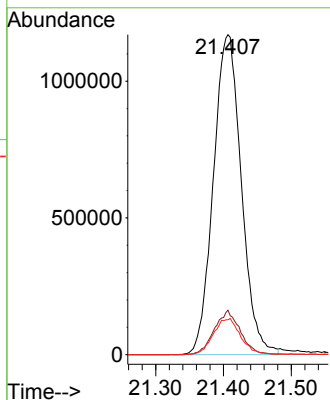
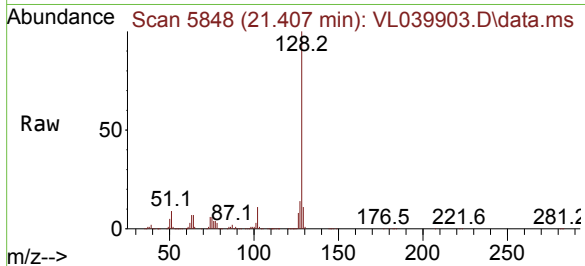




#79
Naphthalene
Concen: 12.834 ppbv
RT: 21.407 min Scan# 5845
Delta R.T. 0.010 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

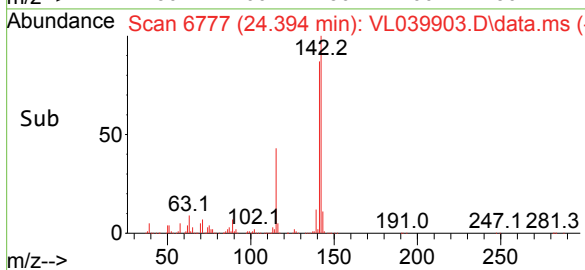
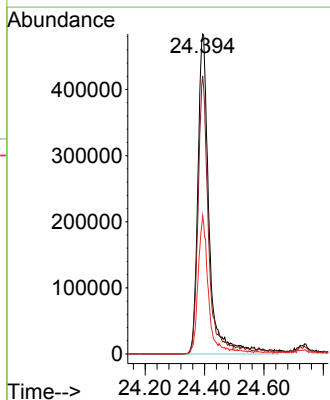
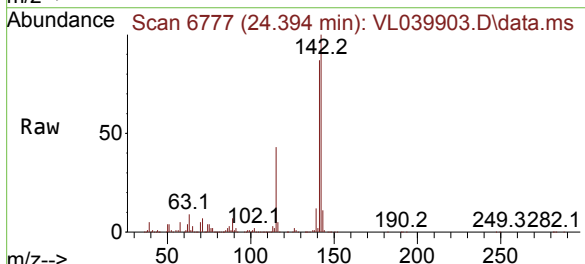
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111822

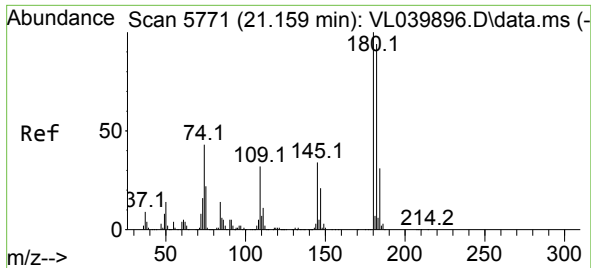
Tgt Ion:128 Resp: 3352407
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 10.9 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 17.514 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.003 min
Lab File: VL039903.D
Acq: 18 Nov 2022 13:12

Tgt Ion:142 Resp: 1286685
Ion Ratio Lower Upper
142 100
141 81.8 69.1 103.7
115 41.4 29.6 44.4





#81

1,2,4-Trichlorobenzene

Concen: 11.202 ppbv

RT: 21.162 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL039903.D

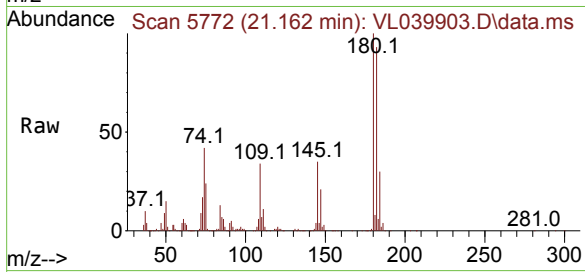
Acq: 18 Nov 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111822



Tgt Ion:180 Resp: 1807064

Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.6

184 30.3 25.2 37.8

