

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039896.D
 Acq On : 18 Nov 2022 8:46
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Nov 19 04:48:54 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	1421788	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	4093546	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3985955	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	3003597	9.866	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.709	85	1513559	7.433	ppbv	100
3) Chlorodifluoromethane	2.655	51	1852285	9.441	ppbv	100
4) Chloromethane	2.793	50	1244129	9.923	ppbv	100
5) Vinyl Chloride	2.899	62	1067230	10.894	ppbv	100
6) Bromomethane	3.099	94	339961	10.173	ppbv	100
7) Chloroethane	3.179	64	382385	9.875	ppbv	100
8) Dichlorotetrafluoroethane	2.838	85	2181412	9.382	ppbv	100
9) Propene	2.674	41	914153	9.892	ppbv	100
10) Heptane	7.568	43	2196261	9.849	ppbv	100
11) Trichlorofluoromethane	3.542	101	2388499	9.617	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	1815679	9.659	ppbv	100
13) Ethanol	3.221	45	27320	3.872	ppbv #	38
14) Bromoethene	3.346	108	754024	10.286	ppbv	100
15) Acetone	3.449	43	1799082	9.540	ppbv	98
16) 1,3-Butadiene	2.967	39	998256	10.621	ppbv	100
17) tert-Butyl alcohol	3.861	59	2234632	10.306	ppbv	100
18) 1,1-Dichloroethene	3.861	96	844527	9.849	ppbv	100
19) Isopropyl Alcohol	3.555	45	1068940	10.469	ppbv	98
20) Methylene Chloride	3.912	84	715295	7.829	ppbv	100
21) Allyl Chloride	3.980	41	1349655	10.317	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	874578	10.029	ppbv	100
23) Vinyl Acetate	4.607	43	788294	10.175	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1834587	9.821	ppbv	100
25) Ethyl Acetate	5.188	43	3444184	9.947	ppbv	100
26) Hexane	5.198	57	1466610	9.696	ppbv	100
27) Carbon Disulfide	4.108	76	2174259	11.386	ppbv	100
28) Methyl tert-Butyl Ether	4.568	73	1872818	9.889	ppbv	100
29) Chloroform	5.259	83	2122106	10.557	ppbv	100
30) Cyclohexane	6.590	84	1435216	9.669	ppbv	100
31) cis-1,2-Dichloroethene	5.063	61	1453834	10.403	ppbv	100
32) 1,1,1-Trichloroethane	5.989	97	2503369	9.972	ppbv	100
34) 2-Butanone	4.767	43	2101018	10.726	ppbv	100
35) Carbon Tetrachloride	6.478	117	2549624	10.967	ppbv	100
36) Benzene	6.356	78	3536918	10.165	ppbv	100
37) 1,2-Dichloroethane	5.790	62	1935107	10.149	ppbv	100
38) Trichloroethene	7.282	130	1937142	9.959	ppbv	100
39) 1,2-Dichloropropane	7.063	63	1394274	10.285	ppbv	100
40) 1,4-Dioxane	7.278	88	541189	10.021	ppbv	100
41) Tetrahydrofuran	5.542	42	1466748	10.847	ppbv	100
42) Bromodichloromethane	7.240	83	2817604	10.896	ppbv	100
43) Methyl Methacrylate	7.465	69	1472562	10.794	ppbv	100
44) 2,2,4-Trimethylpentane	7.317	57	5804618	9.993	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	1528925	12.131	ppbv	100

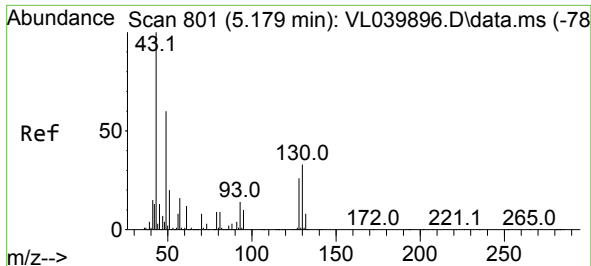
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039896.D
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Instrument :
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 ClientSampleId :
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Quant Time: Nov 19 04:48:54 2022
 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)
46) cis-1,3-Dichloropropene	8.130	75	1952866	11.185	ppbv	100
47) 1,1,2-Trichloroethane	8.889	97	1406355	10.094	ppbv	100
48) Dibromochloromethane	9.703	129	2359863	11.564	ppbv	100
49) Bromoform	12.407	173	2043433	12.370	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	3699728	10.546	ppbv	100
51) 2-Hexanone	9.542	43	2947397	10.823	ppbv	100
52) Tetrachloroethene	10.613	164	1279940	9.833	ppbv	100
53) Toluene	9.214	91	4023410	10.150	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1613276	10.850	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	1679215	10.306	ppbv	100
57) Chlorobenzene	11.523	112	2994034	9.824	ppbv	100
58) Ethyl Benzene	12.089	91	5304805	9.810	ppbv	100
59) m/p-Xylene	12.371	91	4921703	10.874	ppbv #	45
60) o-Xylene	13.060	91	4212870	9.761	ppbv	100
61) Styrene	12.896	104	2687471	10.431	ppbv	100
62) Isopropylbenzene	14.031	105	5989720	9.623	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1445728	10.031	ppbv	100
64) n-propylbenzene	14.921	120	1625599	9.984	ppbv	100
65) tert-Butylbenzene	16.098	119	5209208	9.567	ppbv	100
66) Benzyl Chloride	16.336	91	611837	13.112	ppbv	100
67) sec-Butylbenzene	16.641	105	7148944	9.549	ppbv	100
69) p-Isopropyltoluene	17.005	119	5936736	9.626	ppbv	100
70) n-Butylbenzene	17.895	91	5931407	9.701	ppbv	100
71) 2-Chlorotoluene	14.805	91	4594937	9.740	ppbv	100
72) 4-Ethyltoluene	15.198	105	4919065	10.139	ppbv	100
73) 1,3,5-Trimethylbenzene	15.355	105	4346471	9.787	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	4590439	9.763	ppbv	100
75) 1,3-Dichlorobenzene	16.339	146	2686591	10.155	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	2665949	10.165	ppbv	100
77) 1,2-Dichlorobenzene	17.149	146	2535173	9.940	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1603424	9.061	ppbv	100
79) Naphthalene	21.397	128	3056522	10.861	ppbv	100
80) Naphthalene,2-methyl-	24.390	142	855683	10.811	ppbv	96
81) 1,2,4-Trichlorobenzene	21.159	180	1738250	10.002	ppbv	100

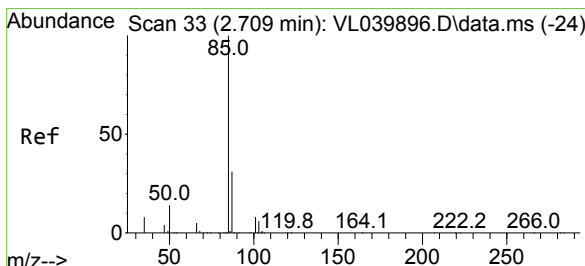
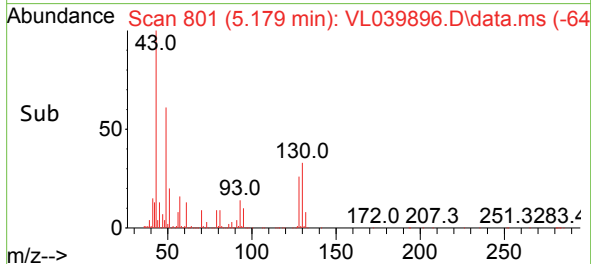
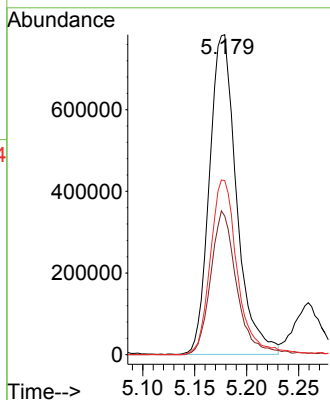
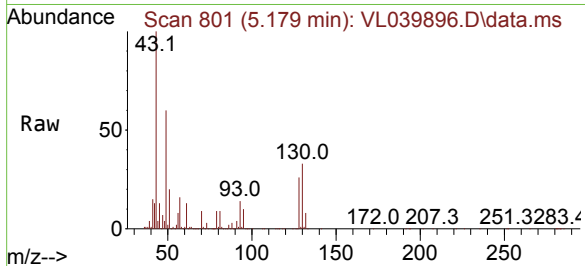
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

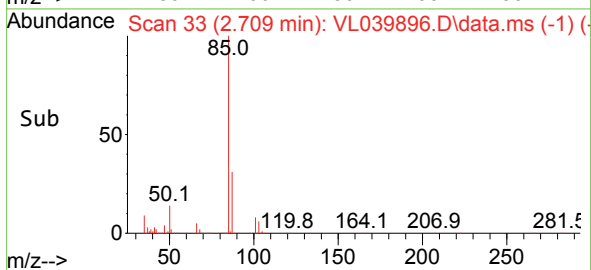
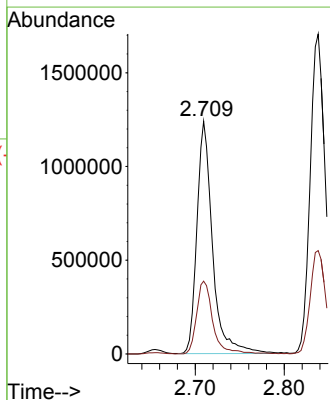
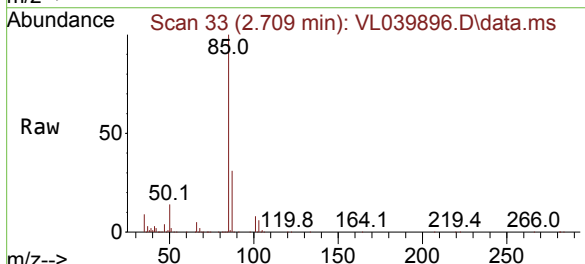
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

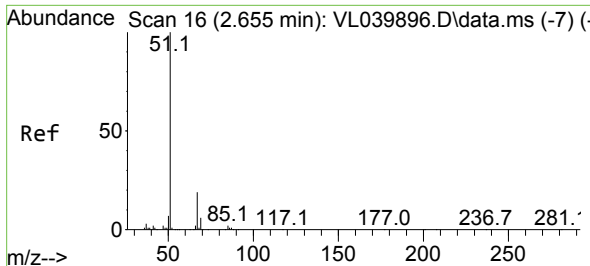
Tgt Ion: 49 Resp: 1421788
Ion Ratio Lower Upper
49 100
128 44.3 22.1 66.3
130 55.9 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 7.433 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 85 Resp: 1513559
Ion Ratio Lower Upper
85 100
87 31.2 25.0 37.4

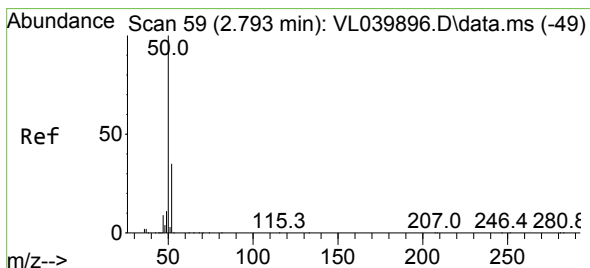
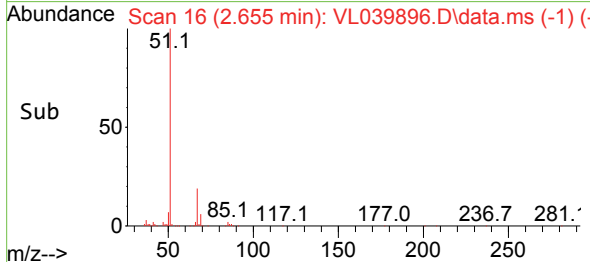
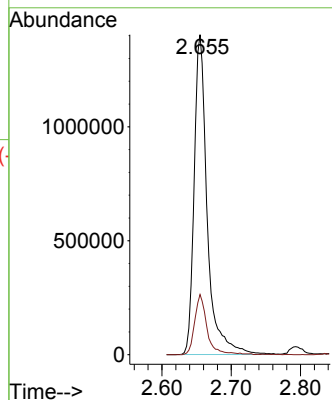
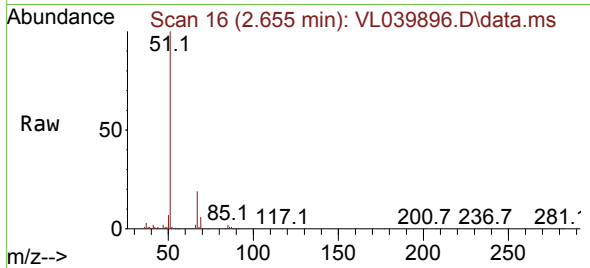




#3
Chlorodifluoromethane
Concen: 9.441 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

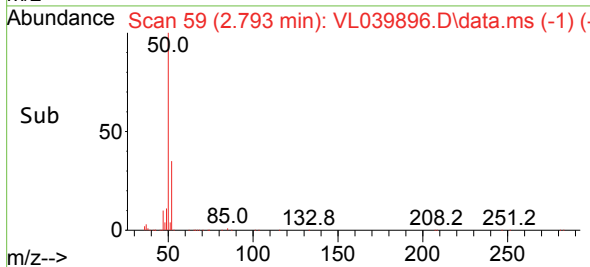
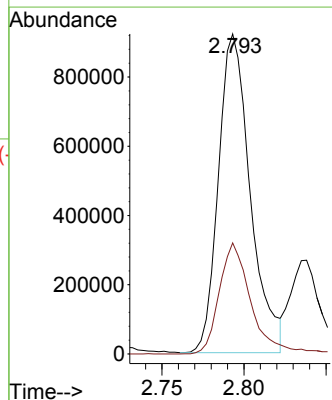
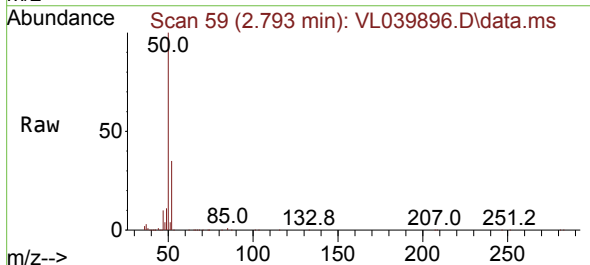
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ClientSampleId :
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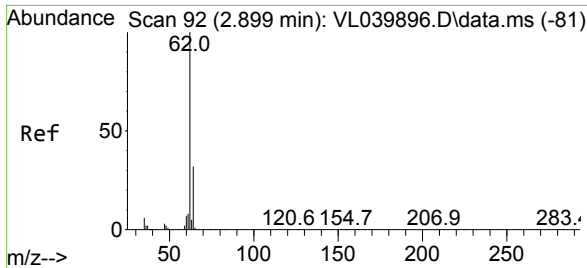
Tgt Ion: 51 Resp: 1852285
Ion Ratio Lower Upper
51 100
67 17.8 14.2 21.4



#4
Chloromethane
Concen: 9.923 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 50 Resp: 1244129
Ion Ratio Lower Upper
50 100
52 34.8 27.8 41.8

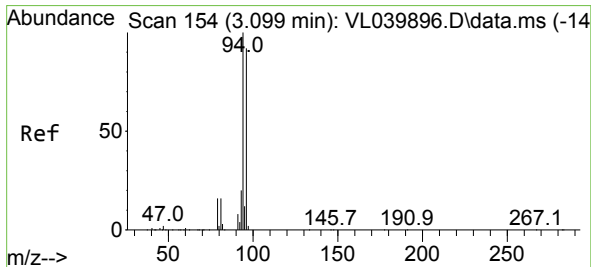
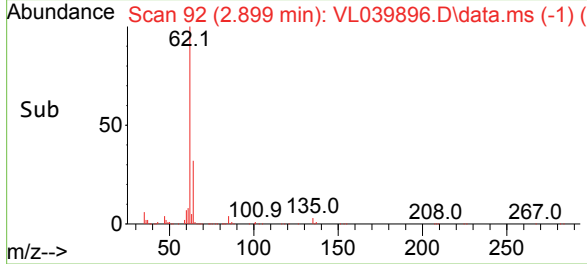
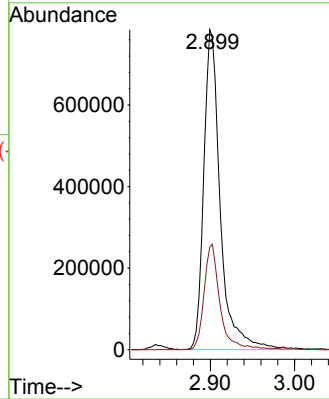
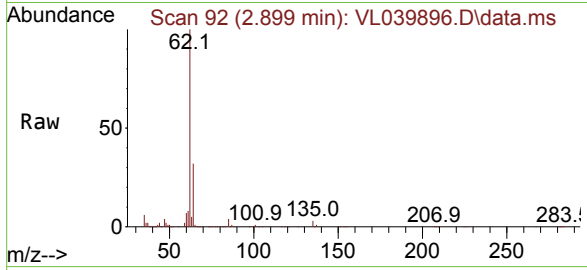




#5
 Vinyl Chloride
 Concen: 10.894 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

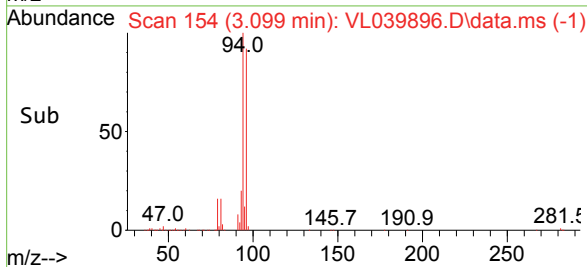
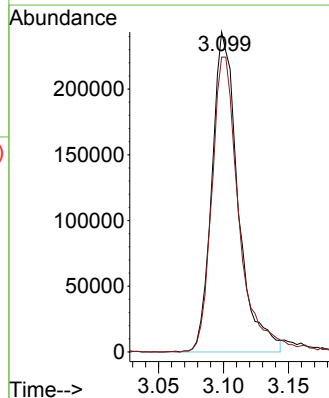
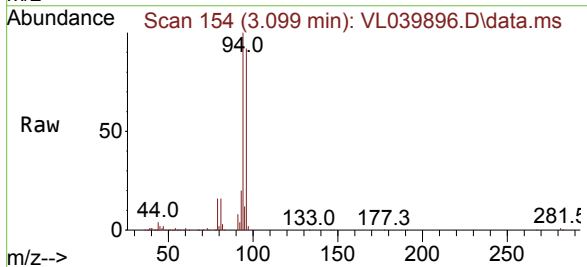
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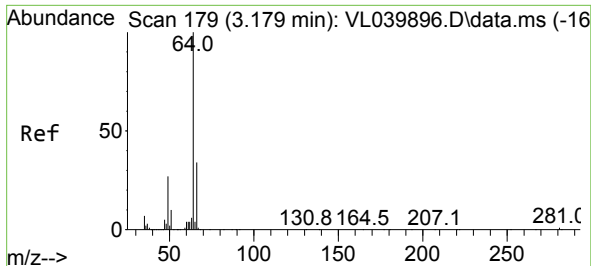
Tgt Ion: 62 Resp: 1067230
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.7 38.5



#6
 Bromomethane
 Concen: 10.173 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 94 Resp: 339961
 Ion Ratio Lower Upper
 94 100
 96 92.1 73.7 110.5

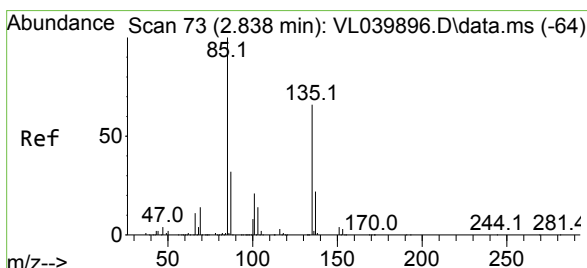
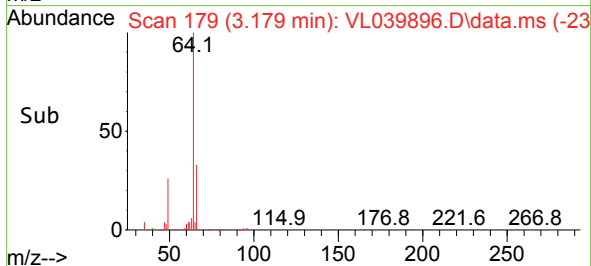
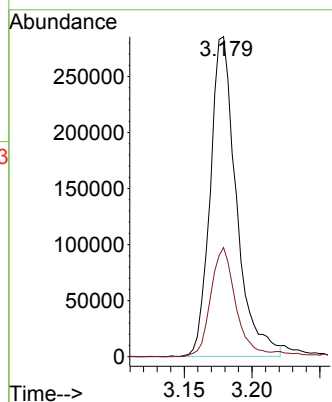
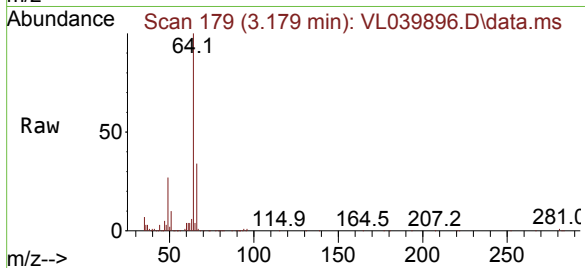




#7
Chloroethane
Concen: 9.875 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

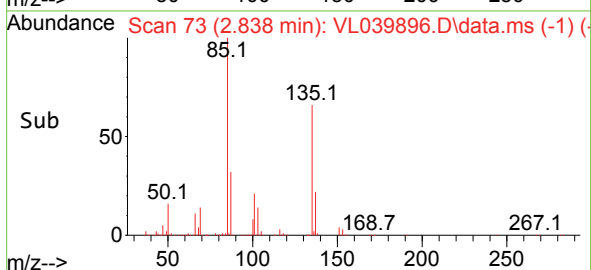
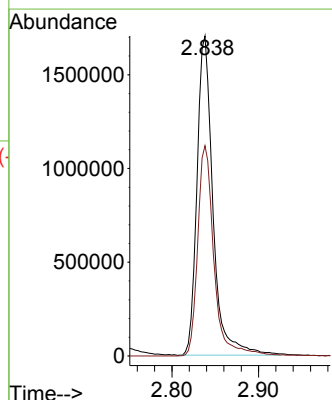
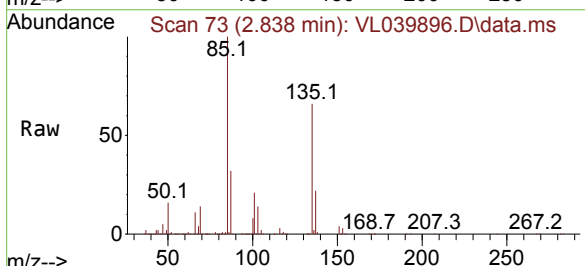
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ClientSampleId :
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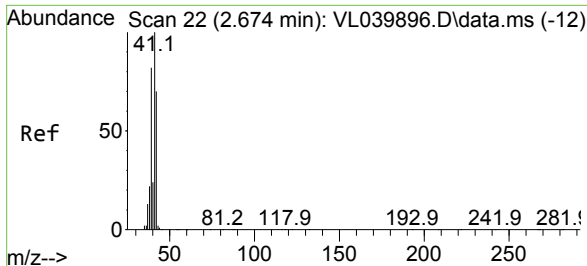
Tgt Ion: 64 Resp: 382385
Ion Ratio Lower Upper
64 100
66 34.1 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.382 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 85 Resp: 2181412
Ion Ratio Lower Upper
85 100
135 67.6 54.1 81.1

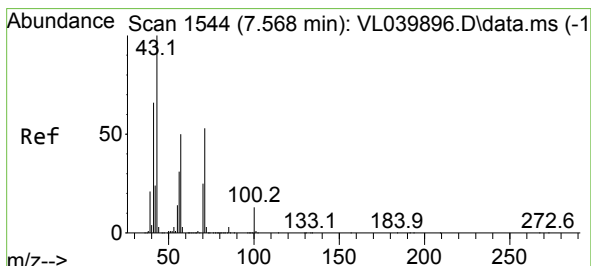
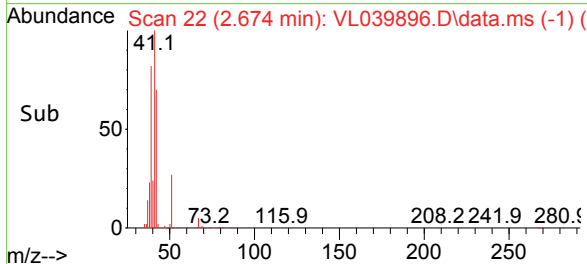
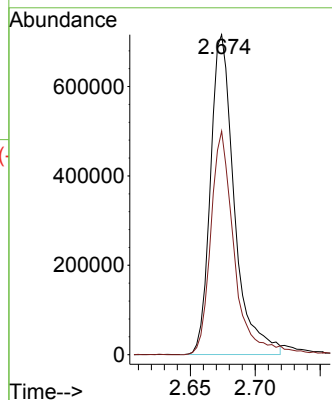
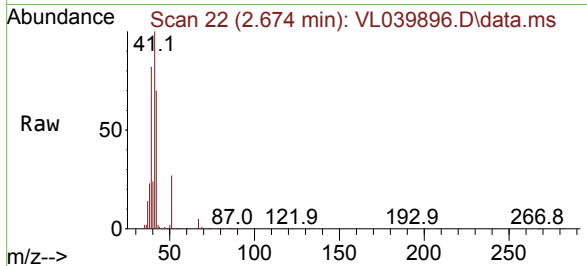




#9
 Propene
 Concen: 9.892 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

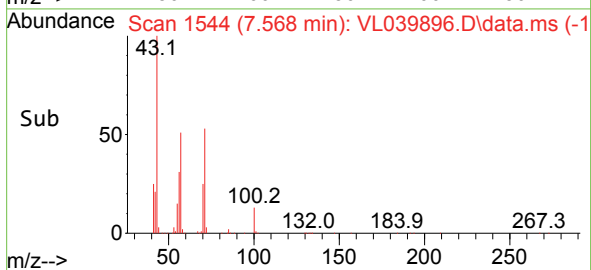
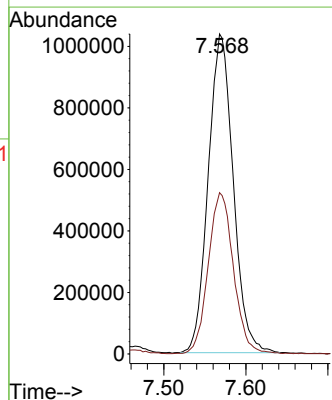
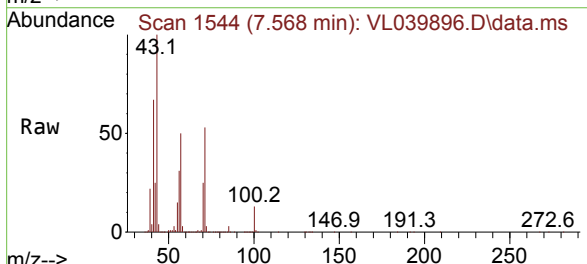
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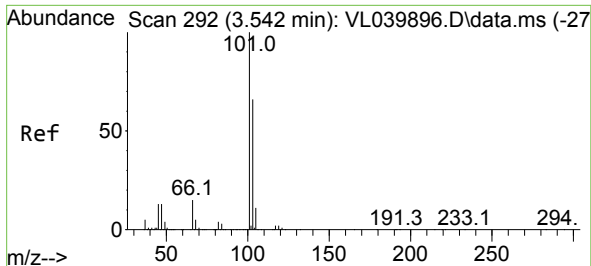
Tgt Ion: 41 Resp: 914153
 Ion Ratio Lower Upper
 41 100
 42 69.7 55.8 83.6



#10
 Heptane
 Concen: 9.849 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 43 Resp: 2196261
 Ion Ratio Lower Upper
 43 100
 57 50.9 40.7 61.1

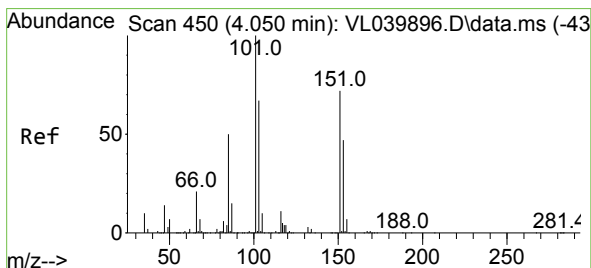
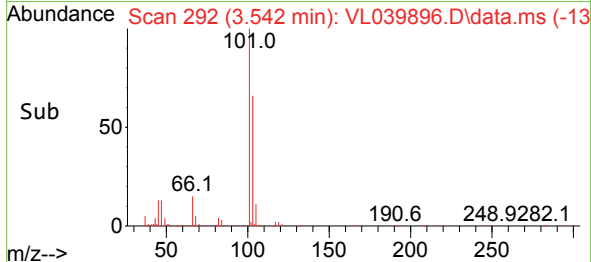
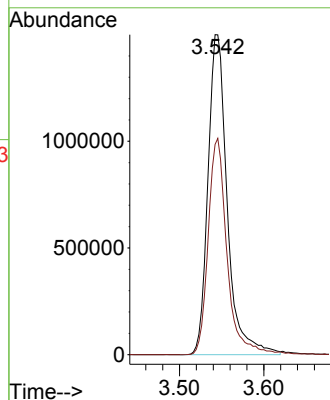
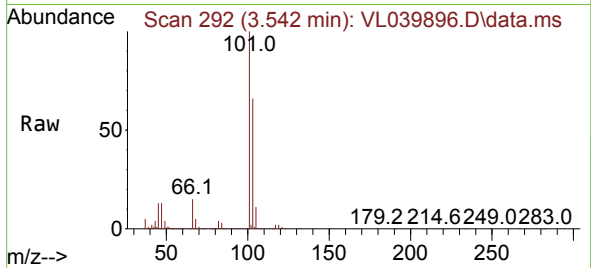




#11
 Trichlorofluoromethane
 Concen: 9.617 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

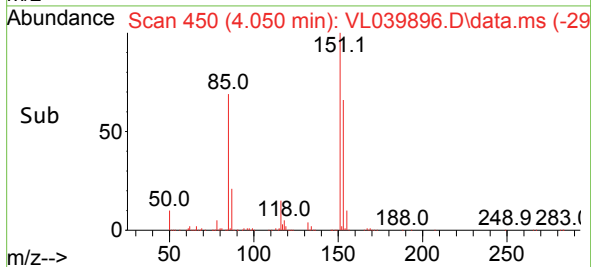
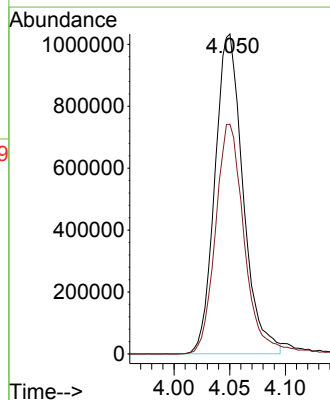
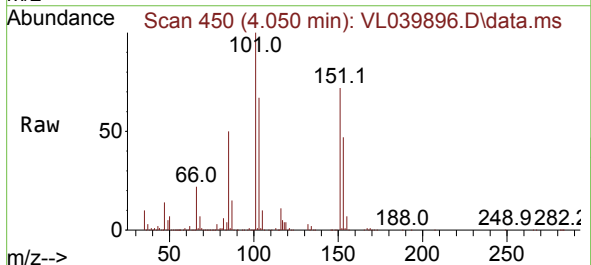
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

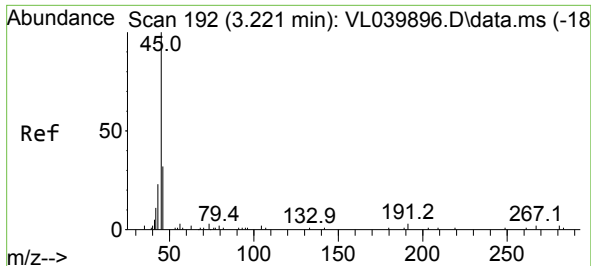
Tgt Ion:101 Resp: 2388499
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.659 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion:101 Resp: 1815679
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.6 89.4

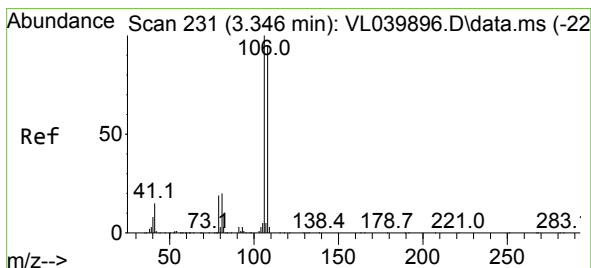
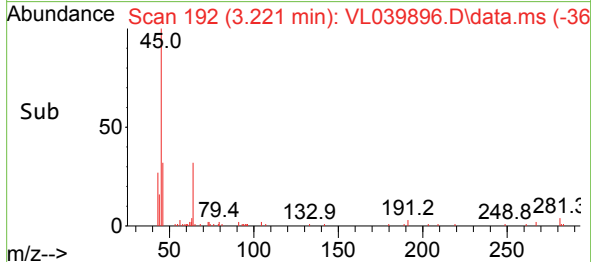
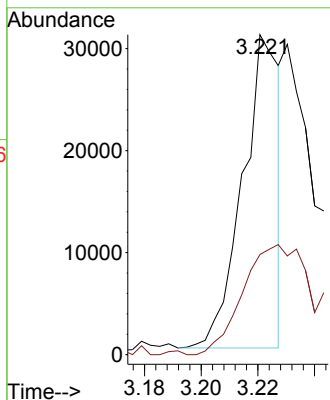
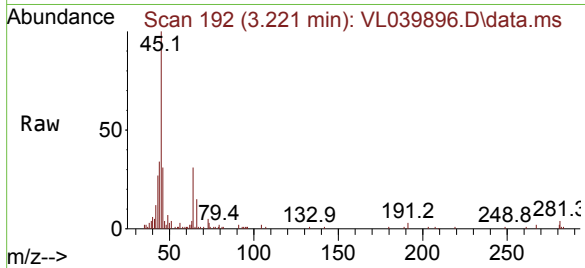




#13
Ethanol
Concen: 3.872 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

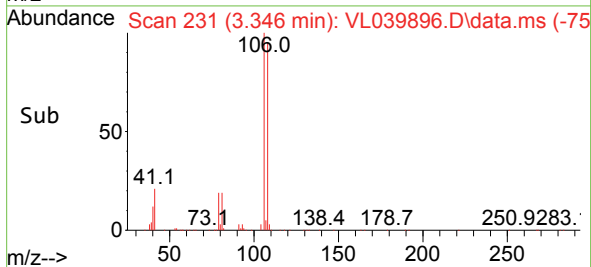
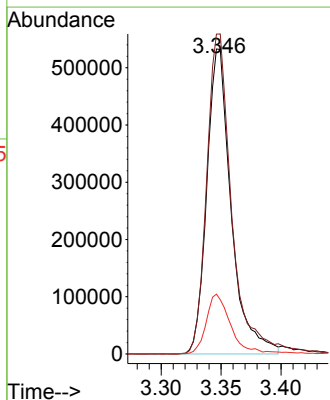
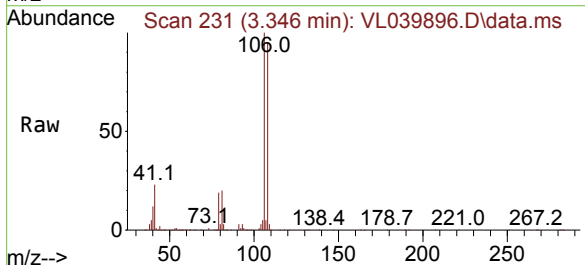
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

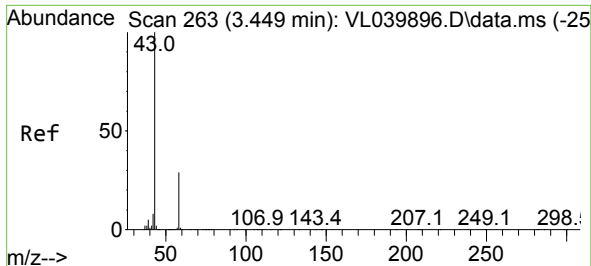
Tgt Ion: 45 Resp: 27320
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#



#14
Bromoethene
Concen: 10.286 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 108 Resp: 754024
Ion Ratio Lower Upper
108 100
106 108.7 87.3 130.9
79 20.4 15.9 23.9

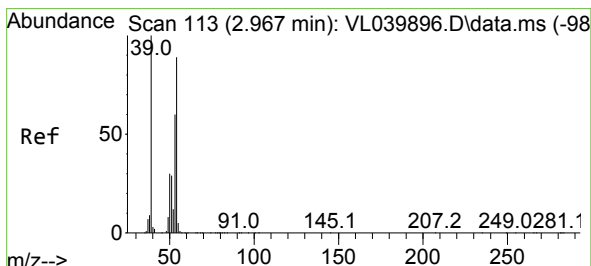
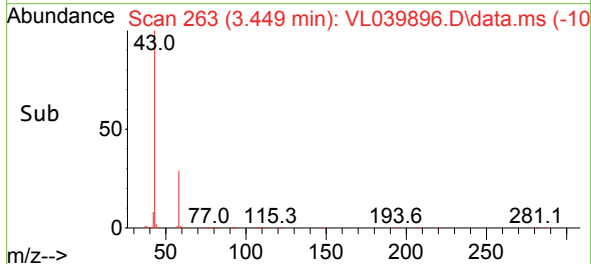
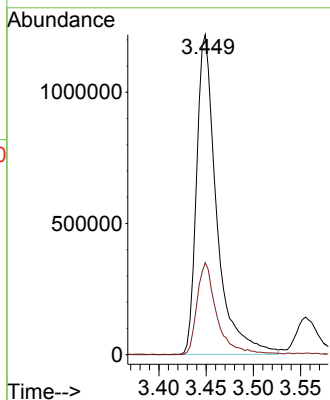
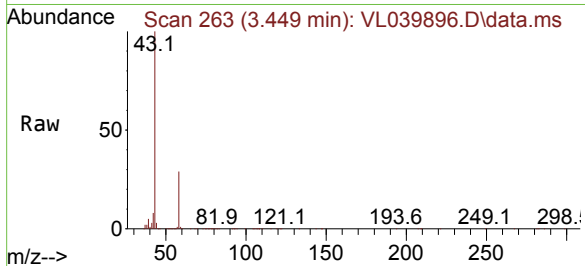




#15
Acetone
Concen: 9.540 ppbv
RT: 3.449 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

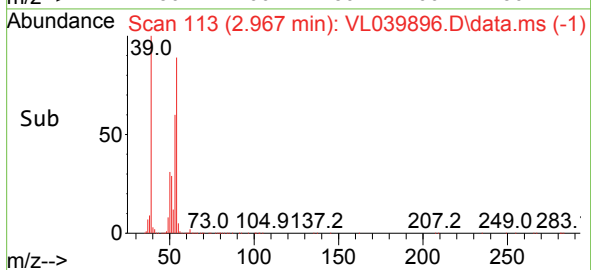
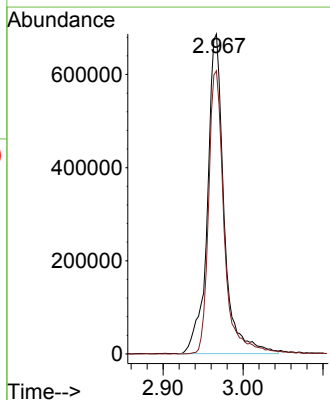
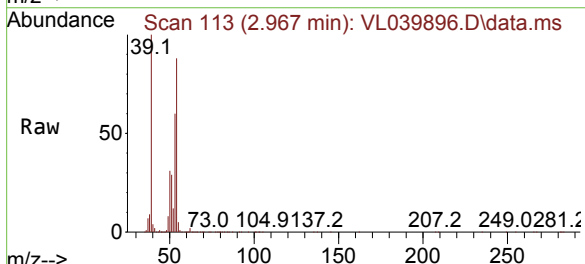
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

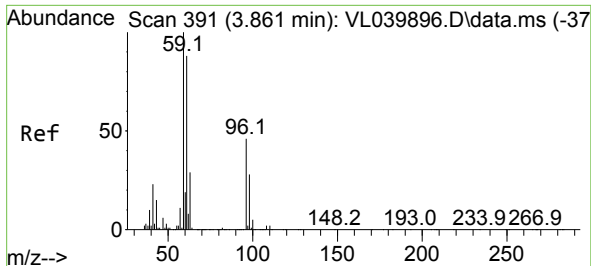
Tgt Ion: 43 Resp: 1799082
Ion Ratio Lower Upper
43 100
58 29.5 22.9 34.3



#16
1,3-Butadiene
Concen: 10.621 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 39 Resp: 998256
Ion Ratio Lower Upper
39 100
54 83.2 66.6 99.8

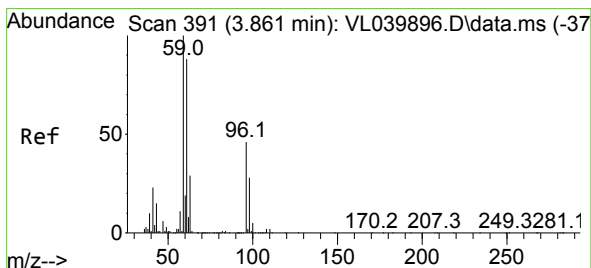
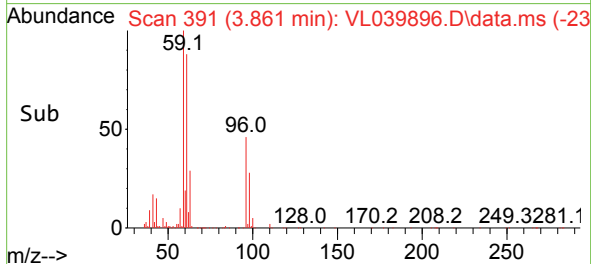
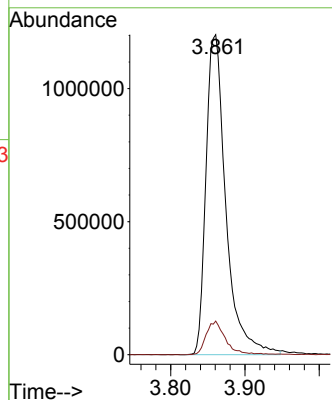
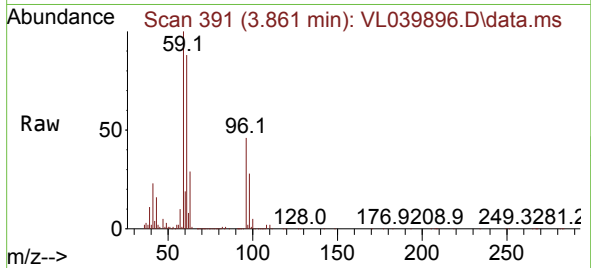




#17
tert-Butyl alcohol
Concen: 10.306 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

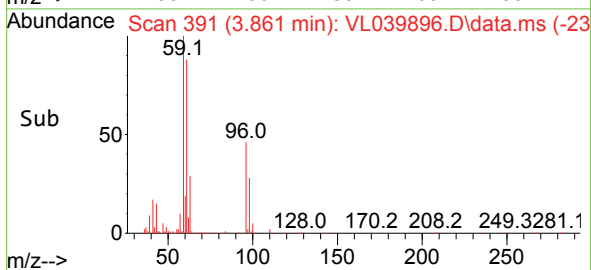
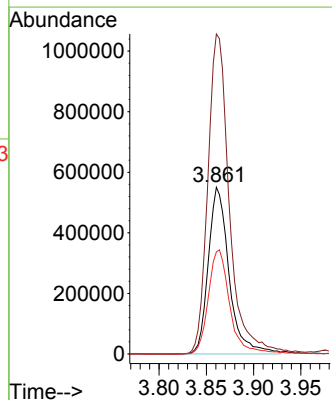
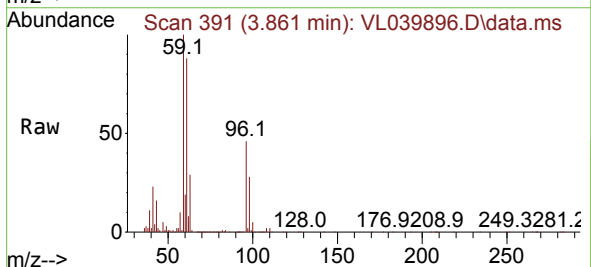
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

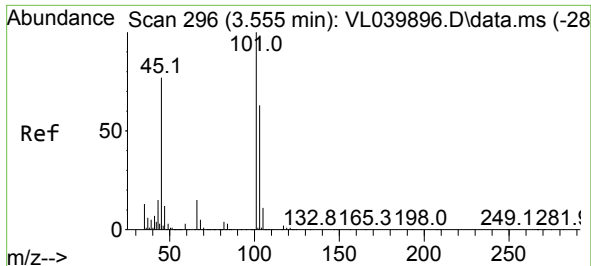
Tgt Ion: 59 Resp: 2234632
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#18
1,1-Dichloroethene
Concen: 9.849 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 96 Resp: 844527
Ion Ratio Lower Upper
96 100
61 191.8 153.4 230.2
98 61.1 48.9 73.3

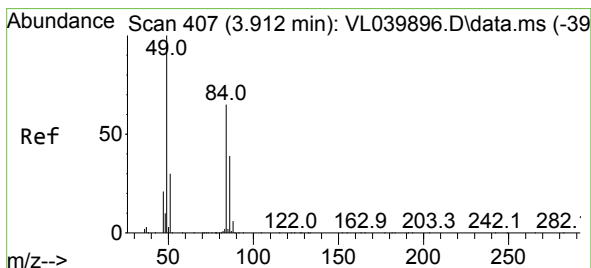
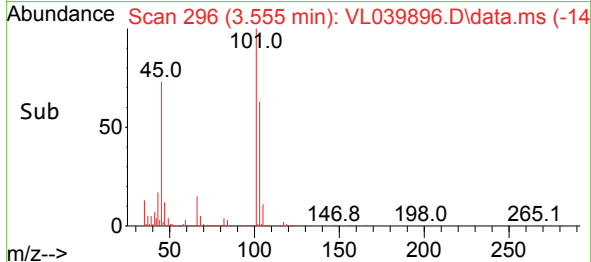
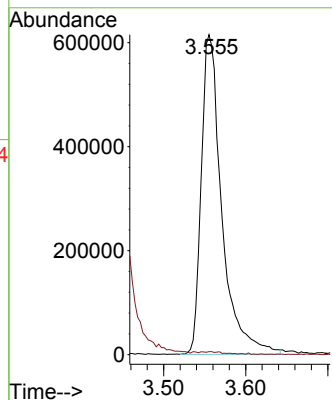
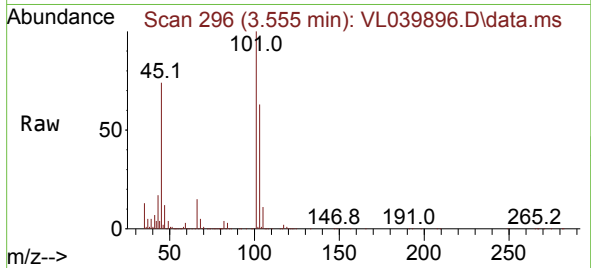




#19
Isopropyl Alcohol
Concen: 10.469 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

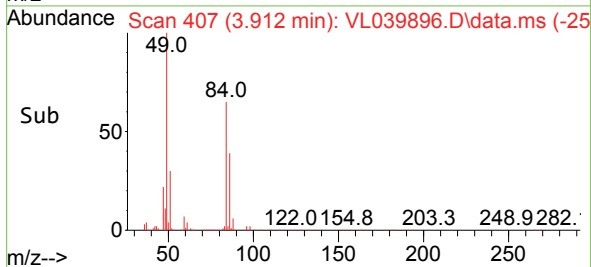
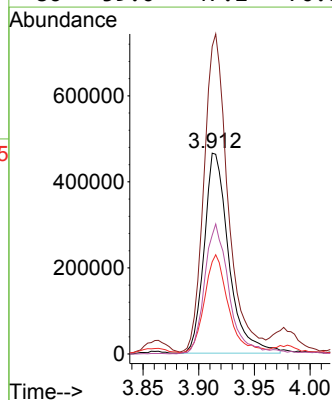
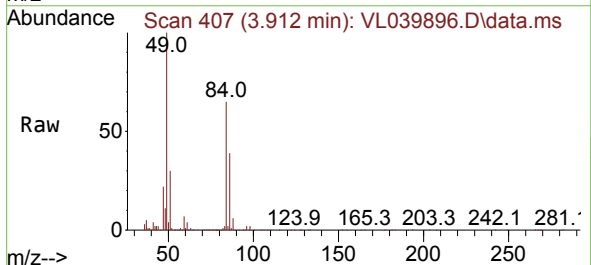
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

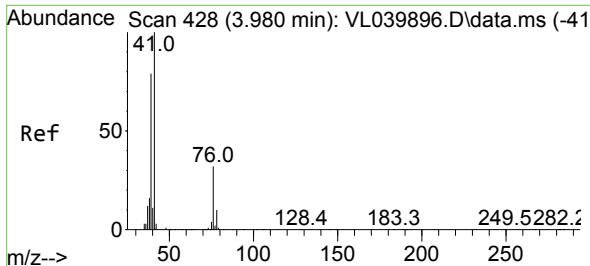
Tgt Ion: 45 Resp: 1068940
Ion Ratio Lower Upper
45 100
58 49.7 38.7 58.1



#20
Methylene Chloride
Concen: 7.829 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 84 Resp: 715295
Ion Ratio Lower Upper
84 100
49 152.8 122.2 183.4
51 45.4 36.3 54.5
86 59.0 47.2 70.8

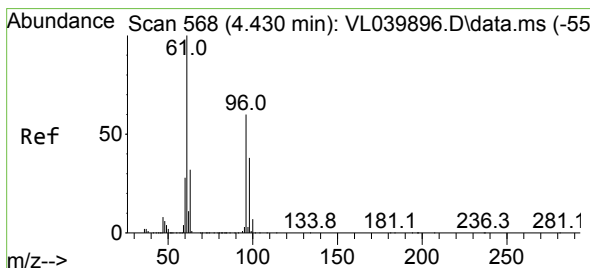
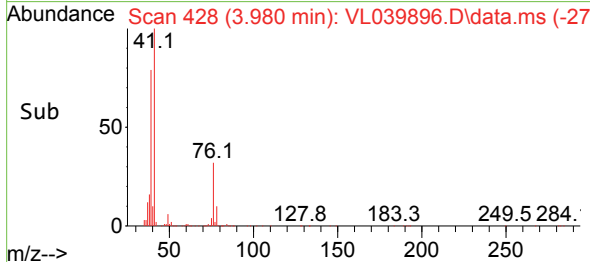
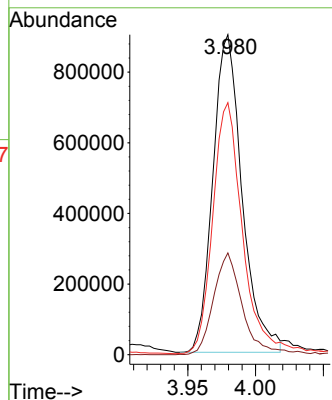
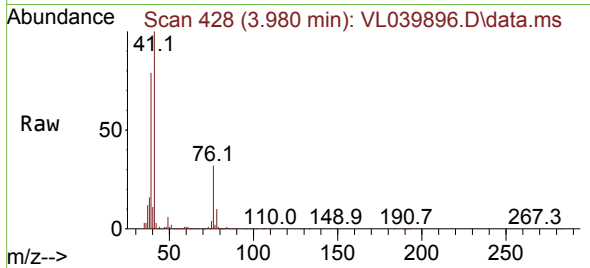




#21
 Allyl Chloride
 Concen: 10.317 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

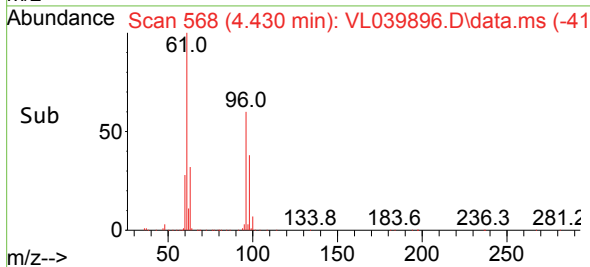
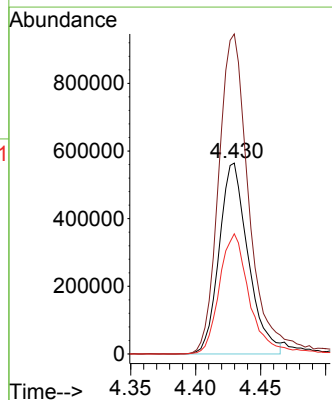
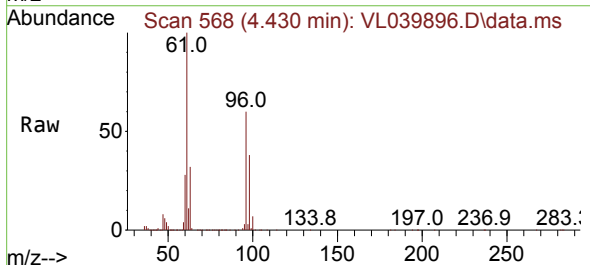
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

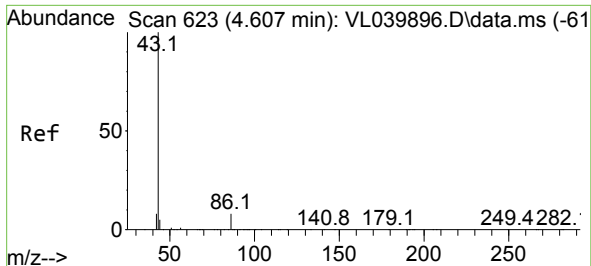
Tgt Ion: 41 Resp: 1349655
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.6 38.4
 39 81.4 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 10.029 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 96 Resp: 874578
 Ion Ratio Lower Upper
 96 100
 61 167.6 134.1 201.1
 98 63.0 50.4 75.6

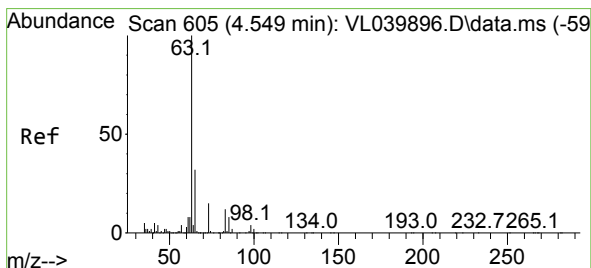
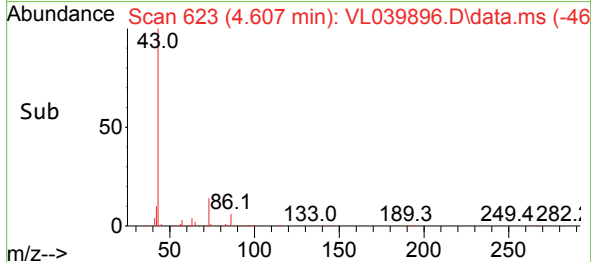
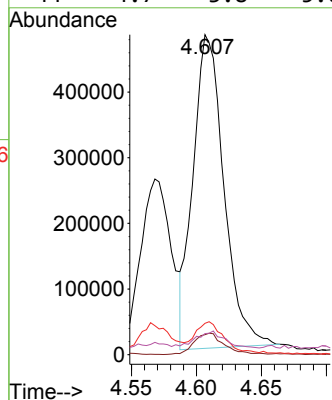
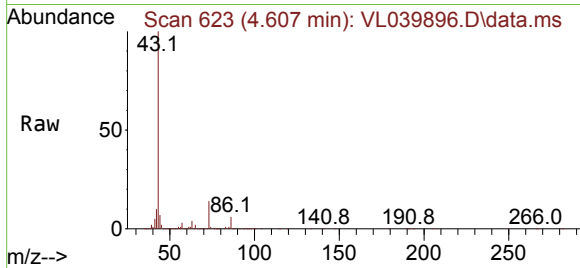




#23
 Vinyl Acetate
 Concen: 10.175 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

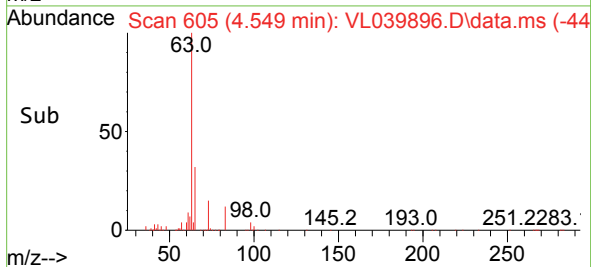
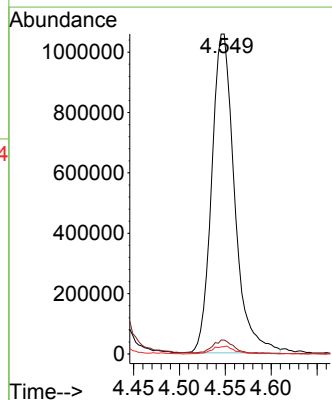
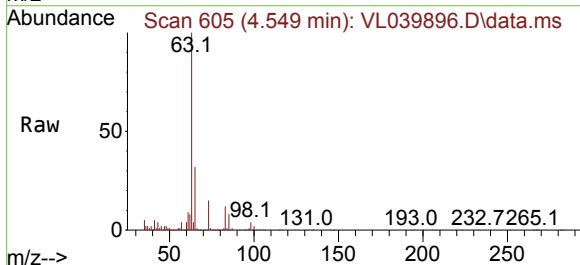
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

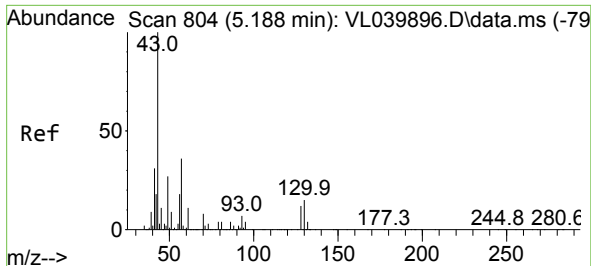
Tgt Ion: 43	Resp: 788294
Ion Ratio	Lower Upper
43 100	
86 6.2	5.0 7.4
42 9.5	7.6 11.4
44 4.7	3.8 5.6



#24
 1,1-Dichloroethane
 Concen: 9.821 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 63		Resp: 1834587	
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	2.3	1.1	3.5



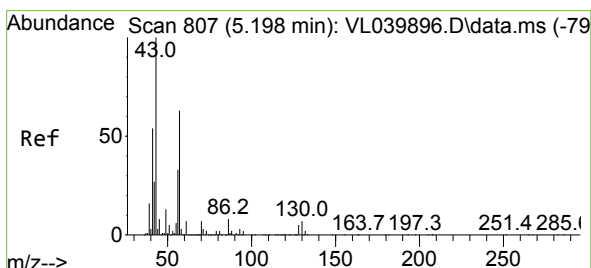
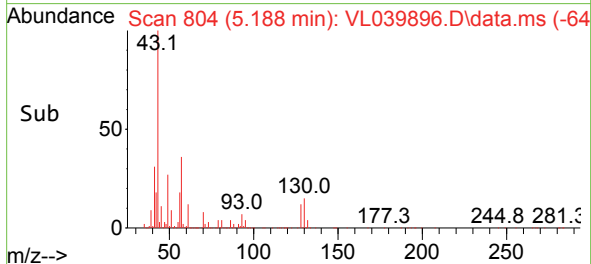
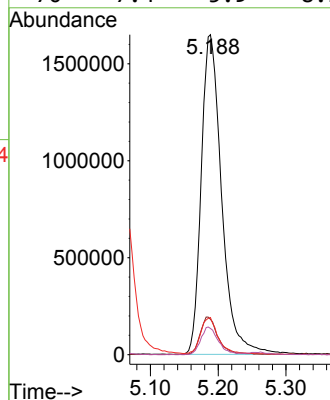
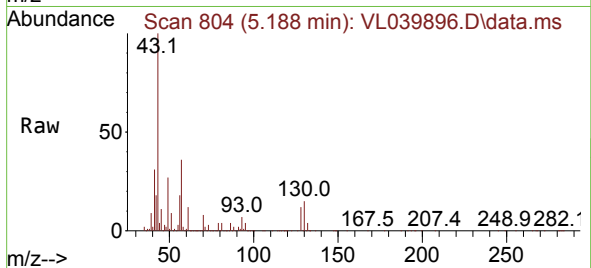


#25
Ethyl Acetate
Concen: 9.947 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 3444184

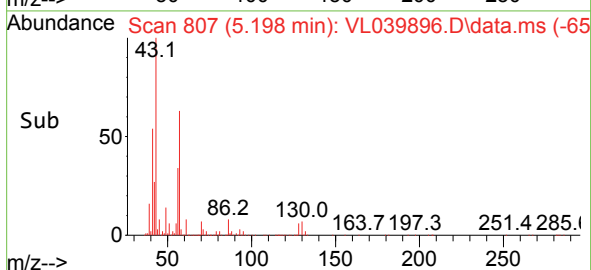
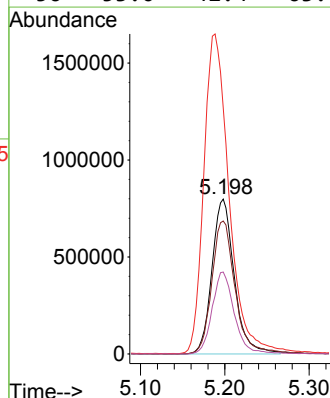
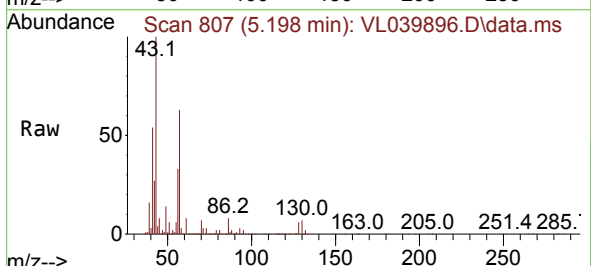
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.4	12.6
61	10.4	8.5	12.7
70	7.4	5.9	8.9

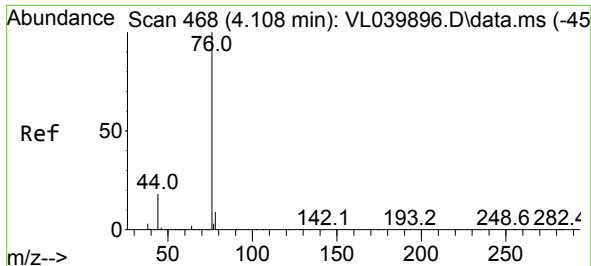


#26
Hexane
Concen: 9.696 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 57 Resp: 1466610

Ion	Ratio	Lower	Upper
57	100		
41	90.4	72.3	108.5
43	236.0	188.7	283.1
56	53.0	42.4	63.6

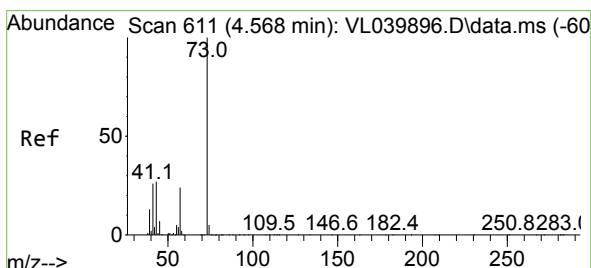
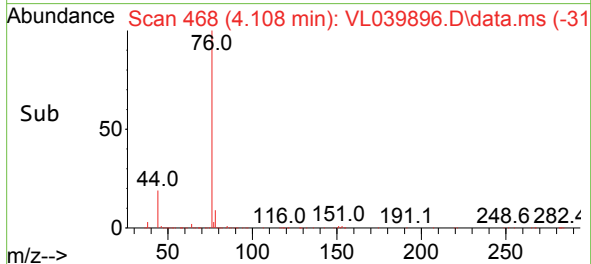
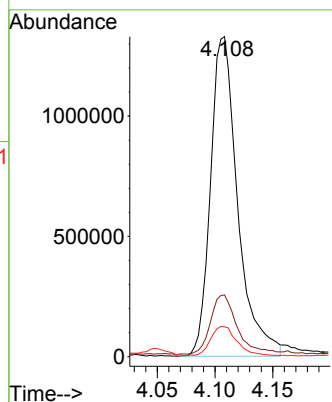
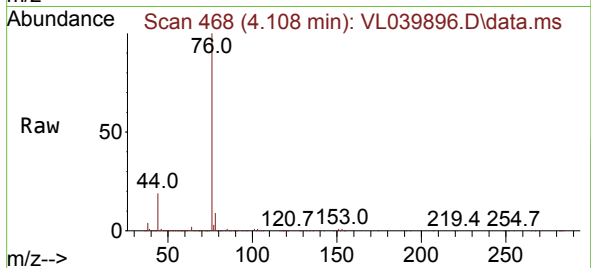




#27
Carbon Disulfide
Concen: 11.386 ppbv
RT: 4.108 min Scan# 468
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

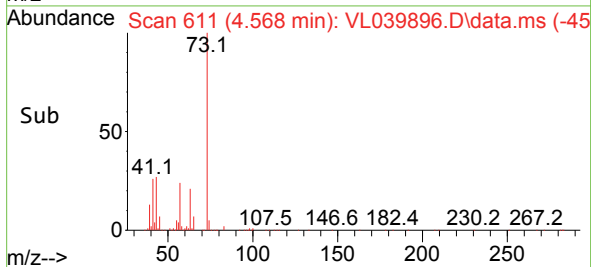
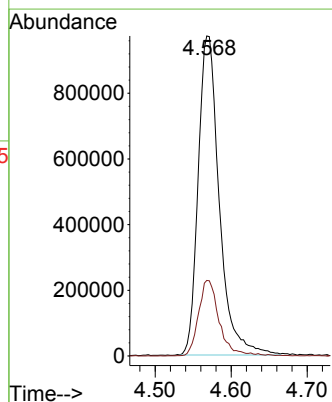
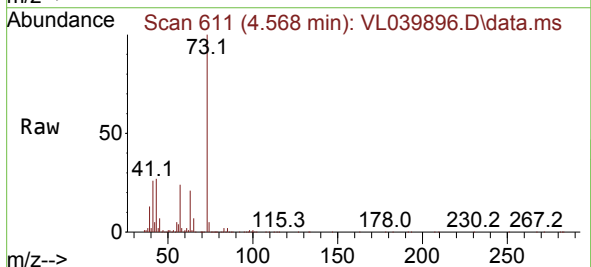
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

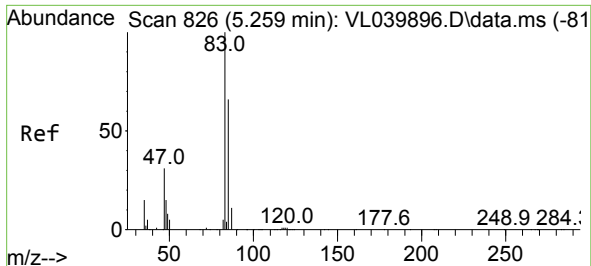
Tgt Ion: 76 Resp: 2174259
Ion Ratio Lower Upper
76 100
44 18.6 14.7 22.1
78 9.8 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.889 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 73 Resp: 1872818
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29

Chloroform

Concen: 10.557 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

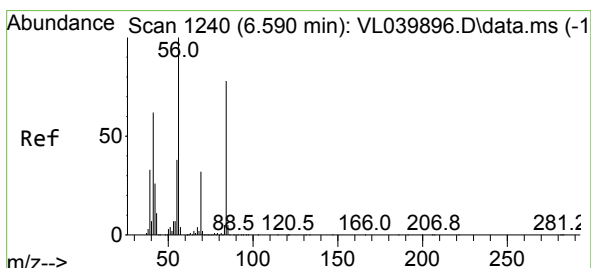
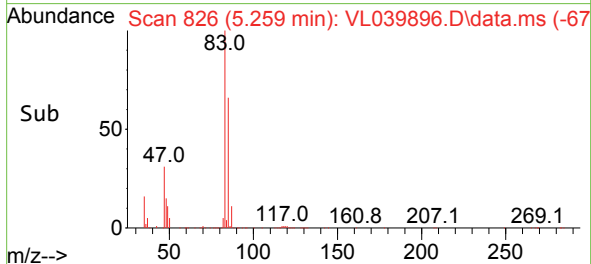
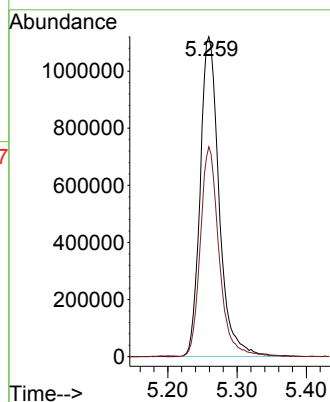
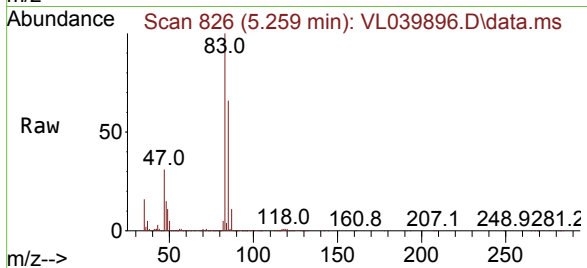
VSTDICCC010

Tgt Ion: 83 Resp: 2122106

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6



#30

Cyclohexane

Concen: 9.669 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

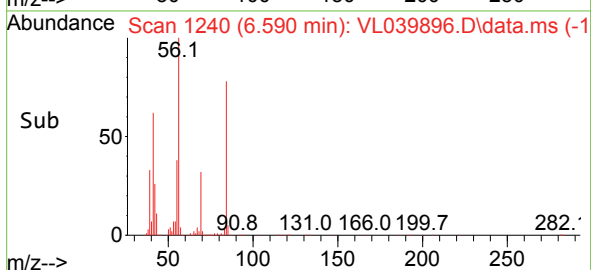
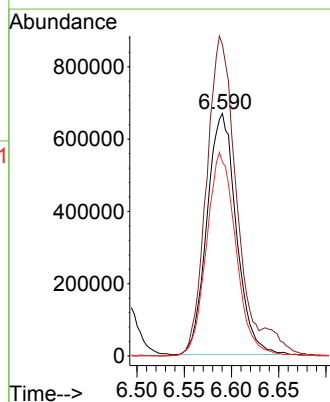
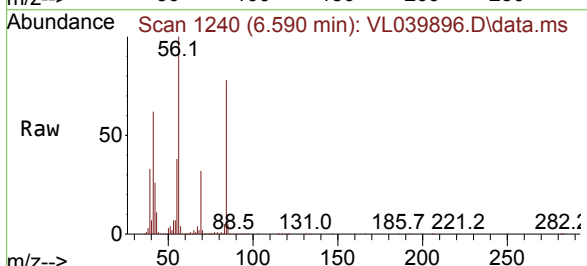
Tgt Ion: 84 Resp: 1435216

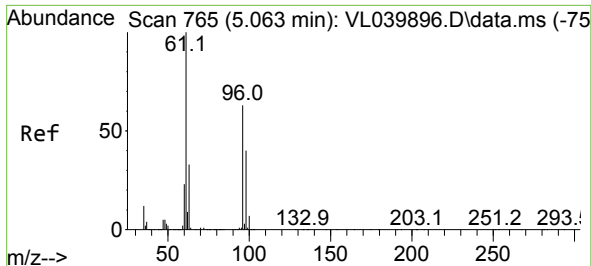
Ion Ratio Lower Upper

84 100

56 140.5 112.5 168.7

41 84.7 67.8 101.8

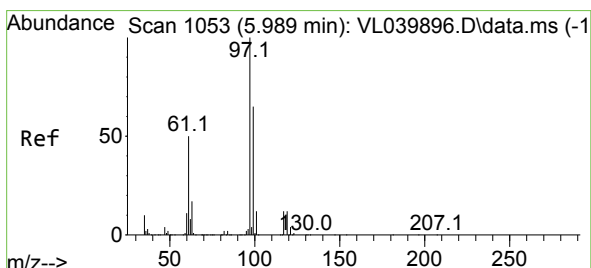
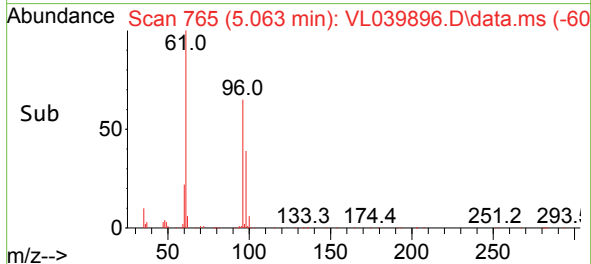
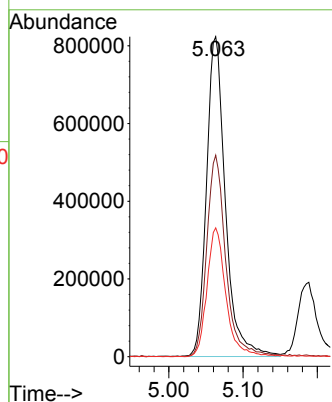
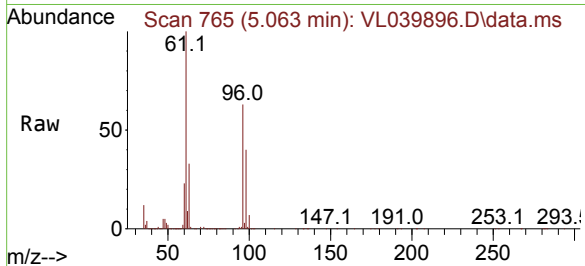




#31
 cis-1,2-Dichloroethene
 Concen: 10.403 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

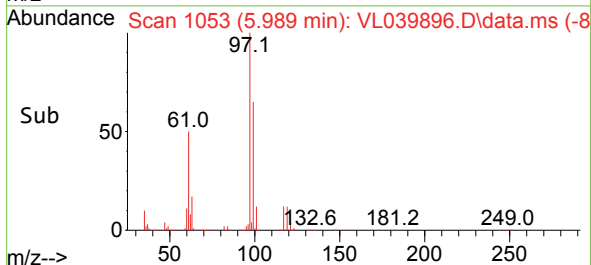
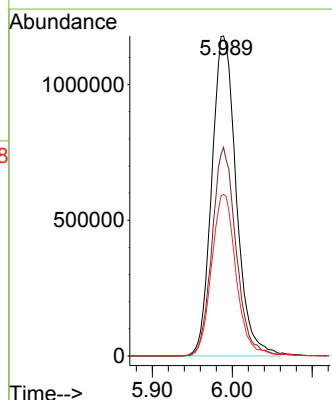
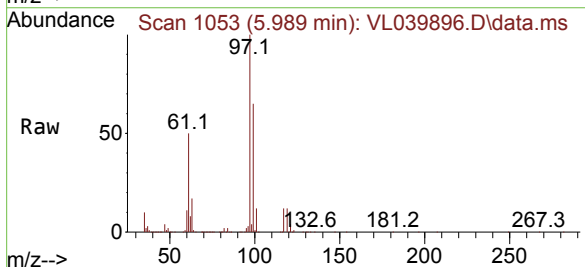
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

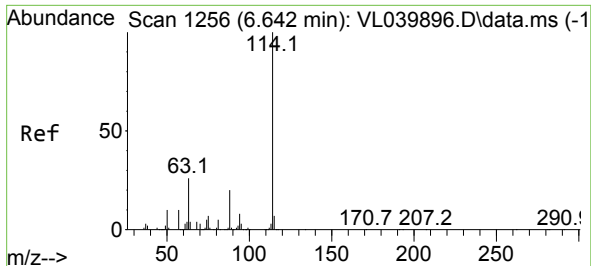
Tgt Ion: 61 Resp: 1453834
 Ion Ratio Lower Upper
 61 100
 96 62.9 50.3 75.5
 98 40.2 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 9.972 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 97 Resp: 2503369
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.4 77.0
 61 50.7 40.7 61.1

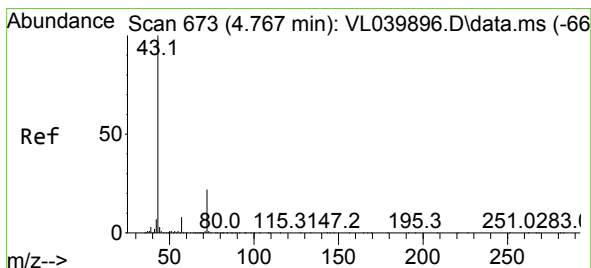
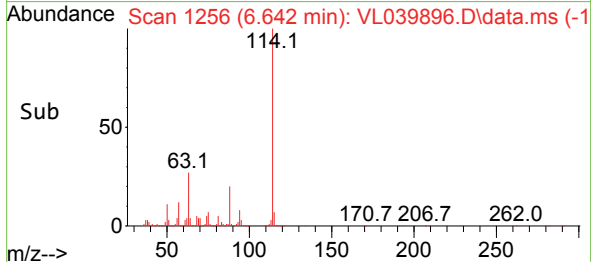
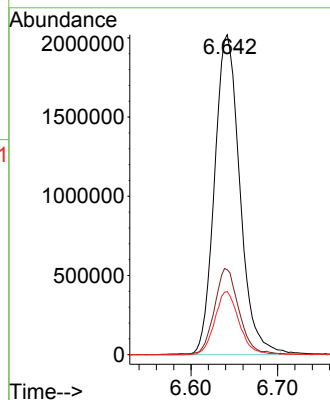
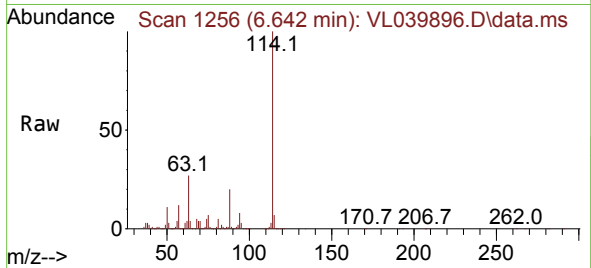




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

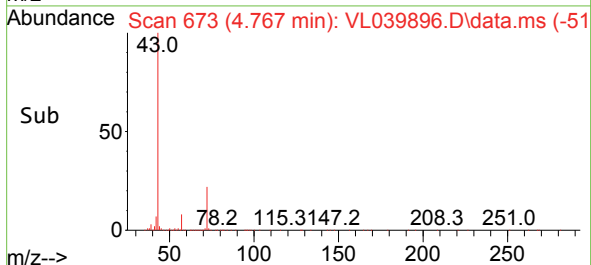
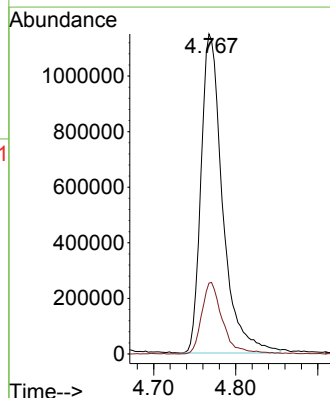
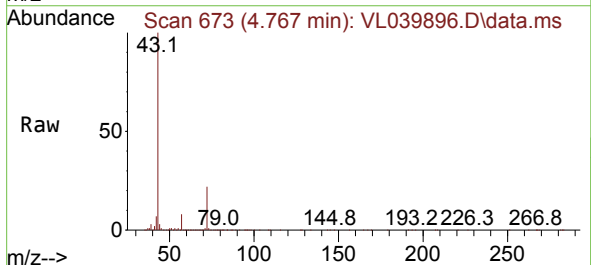
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

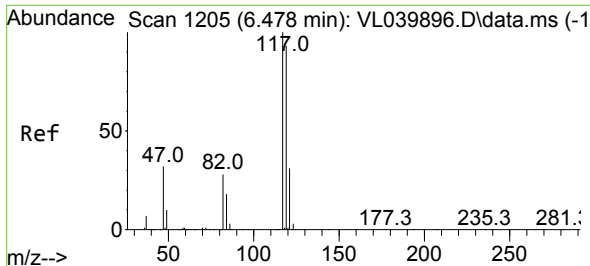
Tgt Ion:114 Resp: 4093546
Ion Ratio Lower Upper
114 100
63 26.6 21.4 32.0
88 19.1 15.3 22.9



#34
2-Butanone
Concen: 10.726 ppbv
RT: 4.767 min Scan# 673
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 43 Resp: 2101018
Ion Ratio Lower Upper
43 100
72 21.8 17.4 26.2

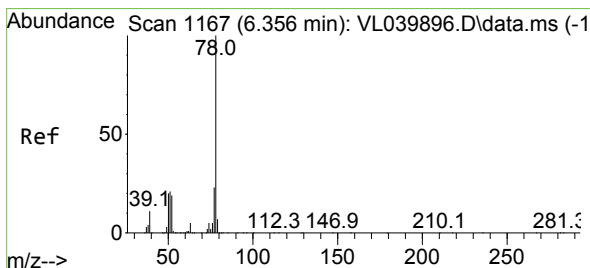
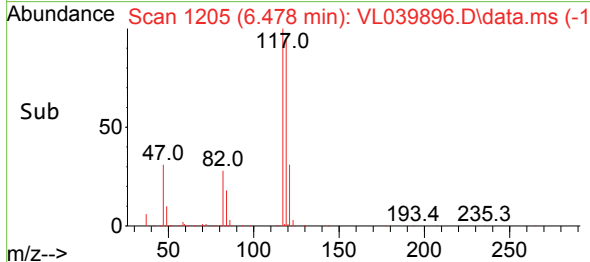
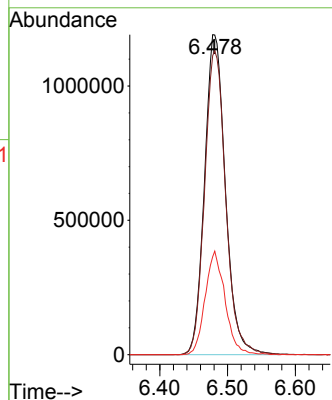
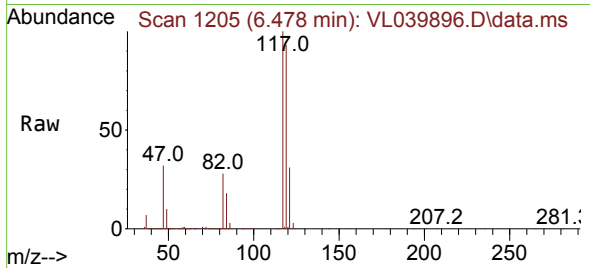




#35
Carbon Tetrachloride
Concen: 10.967 ppbv
RT: 6.478 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

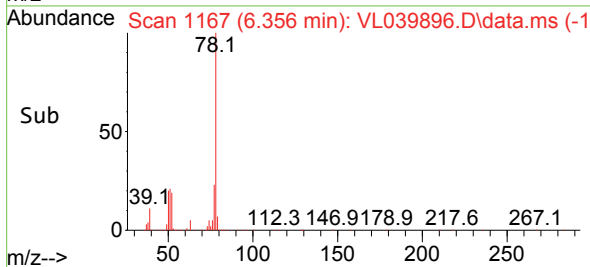
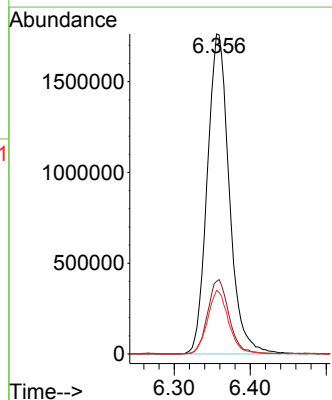
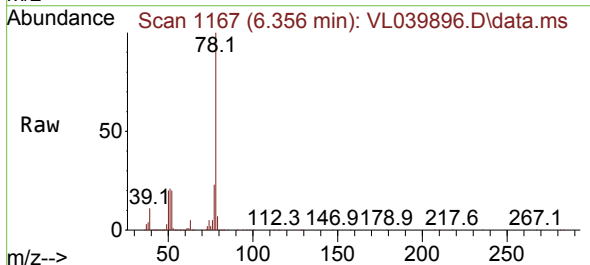
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

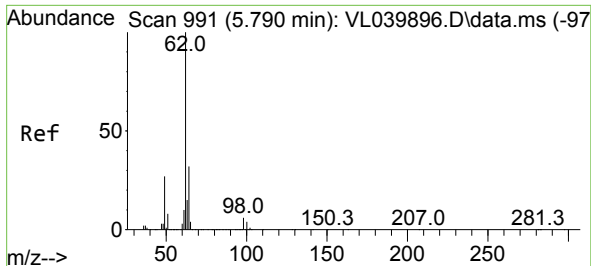
Tgt Ion:117 Resp: 2549624
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
121 30.6 24.5 36.7



#36
Benzene
Concen: 10.165 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 78 Resp: 3536918
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
50 19.8 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.149 ppbv

RT: 5.790 min Scan# 991

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

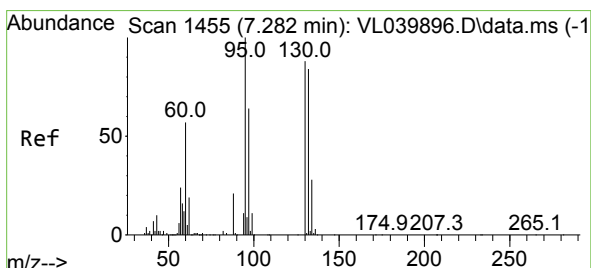
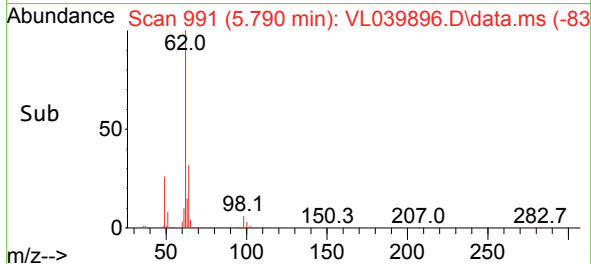
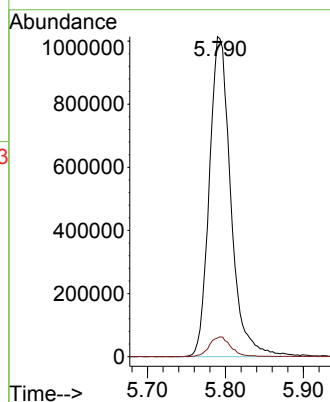
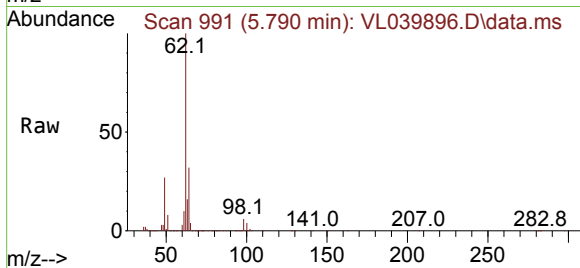
VSTDICCC010

Tgt Ion: 62 Resp: 1935107

Ion Ratio Lower Upper

62 100

98 6.4 5.0 7.6



#38

Trichloroethene

Concen: 9.959 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Tgt Ion:130 Resp: 1937142

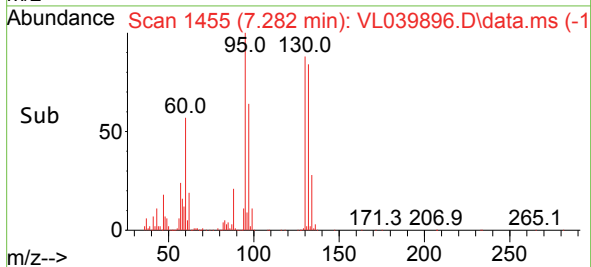
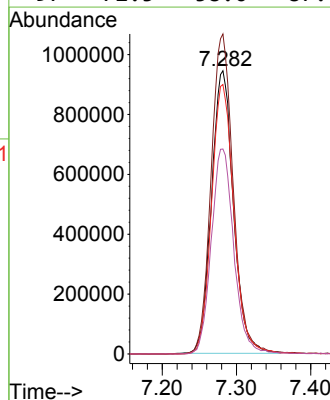
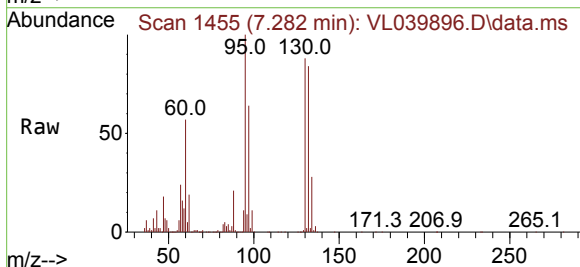
Ion Ratio Lower Upper

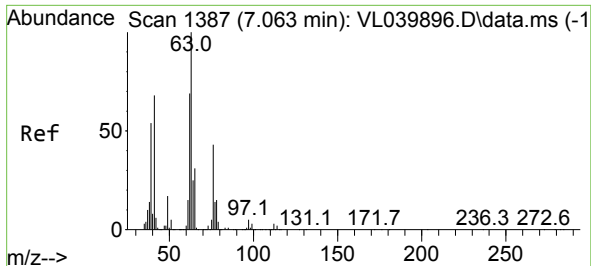
130 100

95 113.2 90.6 135.8

132 95.3 76.2 114.4

97 72.5 58.0 87.0





#39

1,2-Dichloropropane

Concen: 10.285 ppbv

RT: 7.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

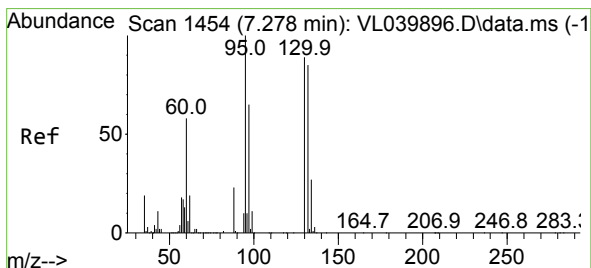
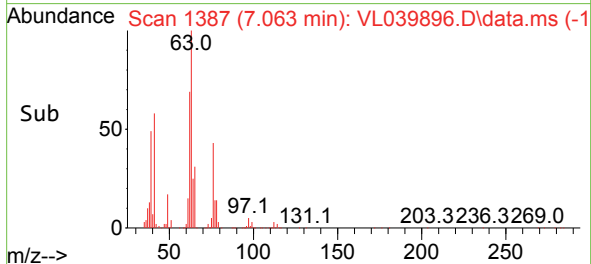
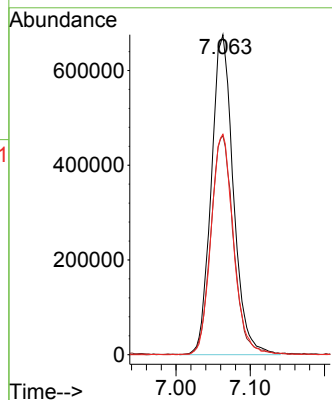
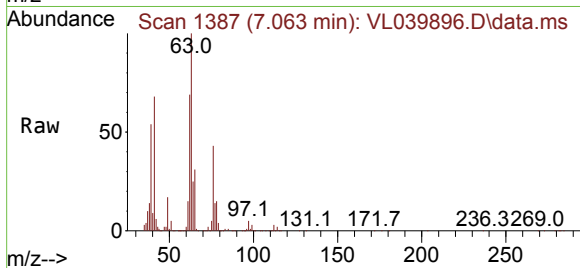
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 1394274

Ion	Ratio	Lower	Upper
63	100		
41	68.4	54.7	82.1
62	68.8	55.0	82.6



#40

1,4-Dioxane

Concen: 10.021 ppbv

RT: 7.278 min Scan# 1454

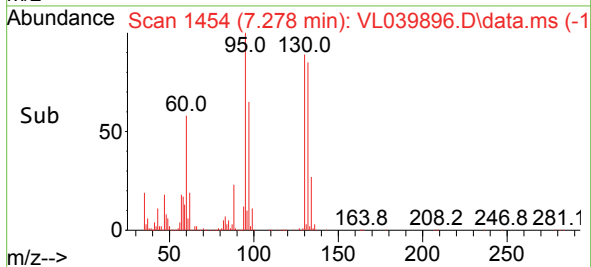
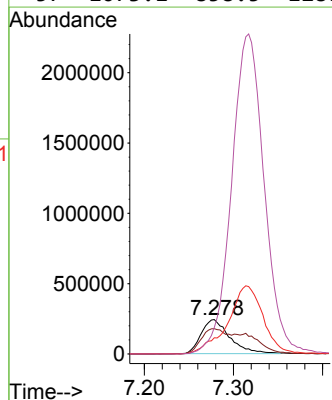
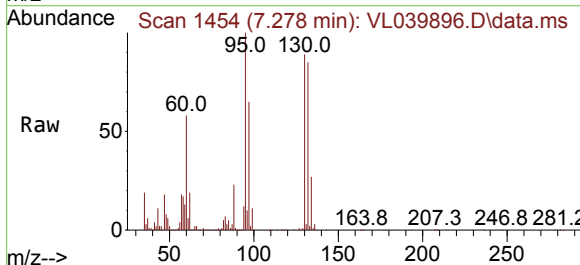
Delta R.T. 0.000 min

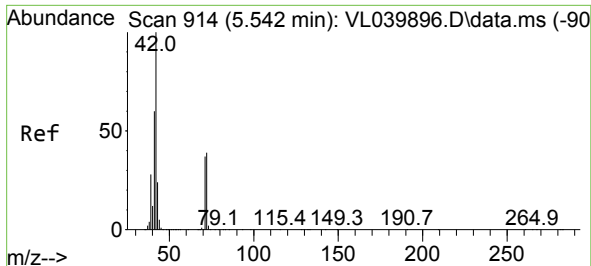
Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Tgt Ion: 88 Resp: 541189

Ion	Ratio	Lower	Upper
88	100		
58	125.6	100.5	150.7
43	244.8	195.8	293.8
57	1073.1	858.5	1287.7





#41

Tetrahydrofuran

Concen: 10.847 ppbv

RT: 5.542 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

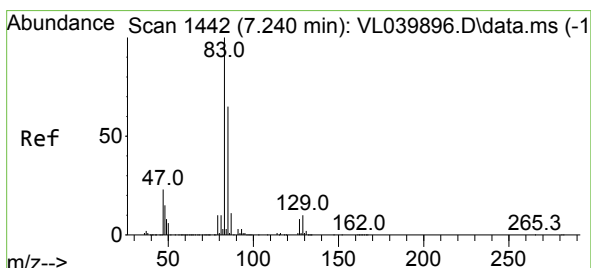
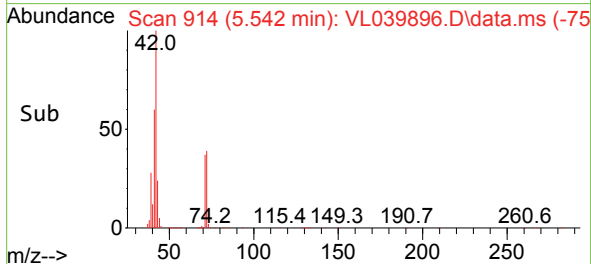
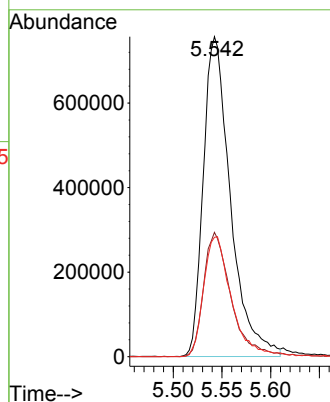
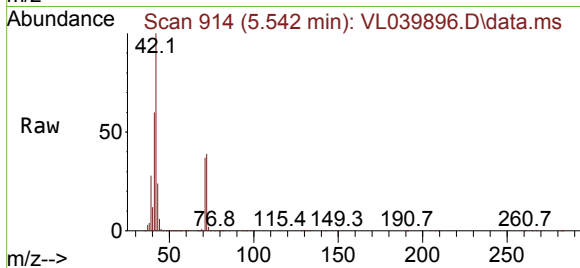
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 42 Resp: 1466748

Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.6	47.4
71	39.0	31.2	46.8



#42

Bromodichloromethane

Concen: 10.896 ppbv

RT: 7.240 min Scan# 1442

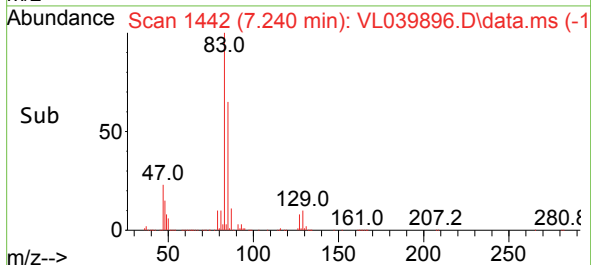
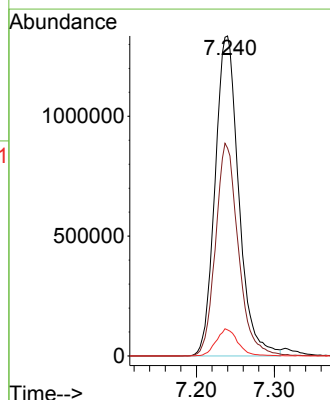
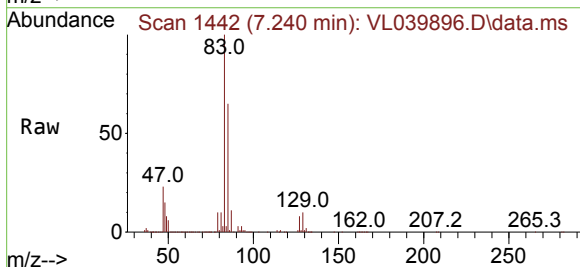
Delta R.T. 0.000 min

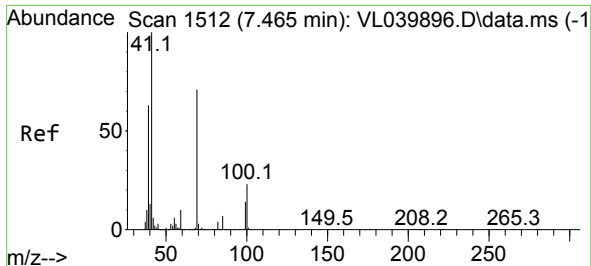
Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Tgt Ion: 83 Resp: 2817604

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0
127	8.1	6.5	9.7



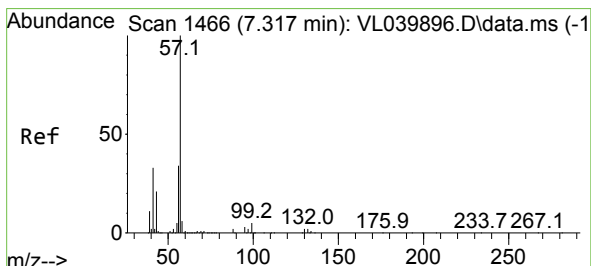
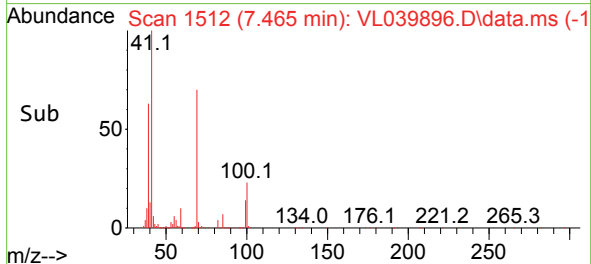
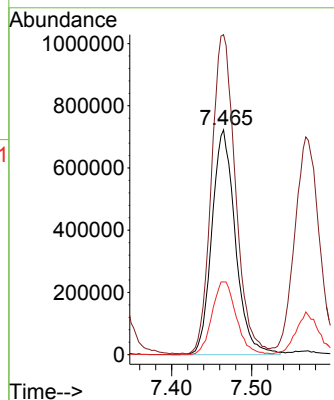
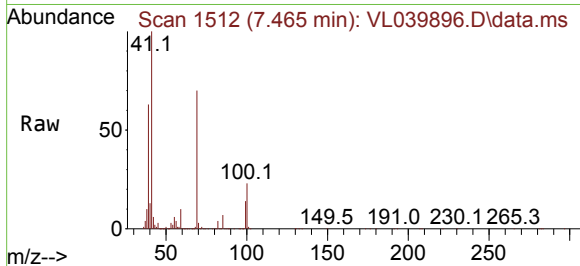


#43
Methyl Methacrylate
Concen: 10.794 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 1472562

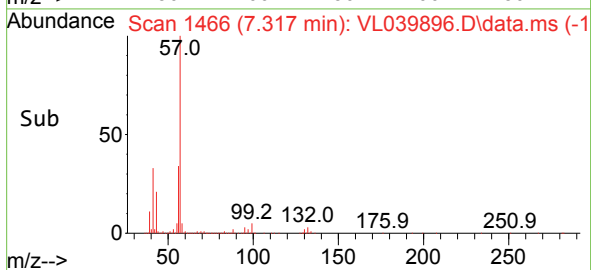
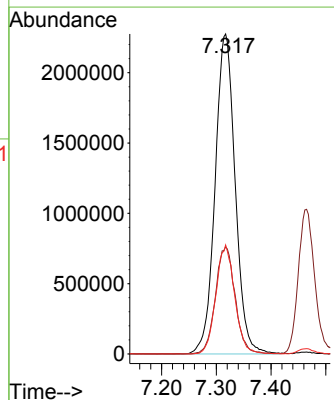
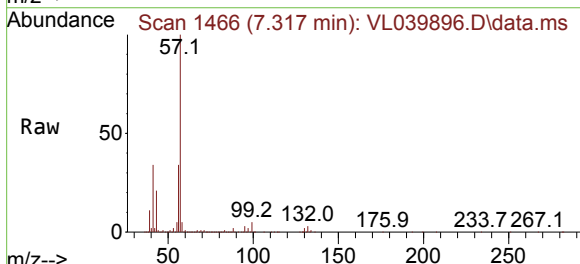
Ion	Ratio	Lower	Upper
69	100		
41	145.5	116.4	174.6
100	33.5	26.8	40.2

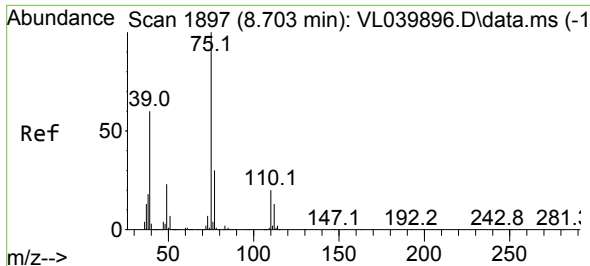


#44
2,2,4-Trimethylpentane
Concen: 9.993 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 57 Resp: 5804618

Ion	Ratio	Lower	Upper
57	100		
41	32.8	26.2	39.2
56	32.0	25.5	38.3

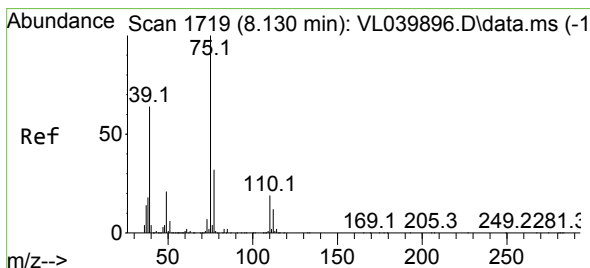
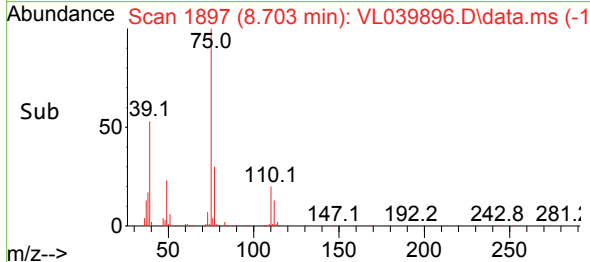
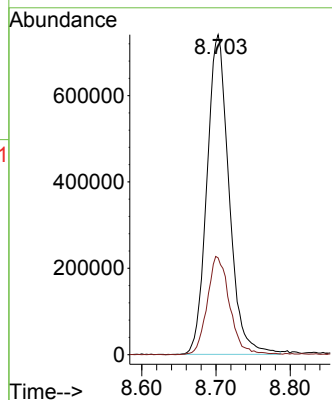
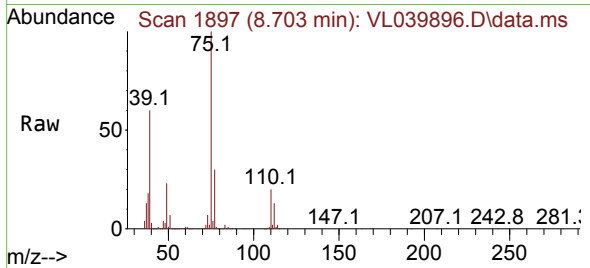




#45
 t-1,3-Dichloropropene
 Concen: 12.131 ppbv
 RT: 8.703 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

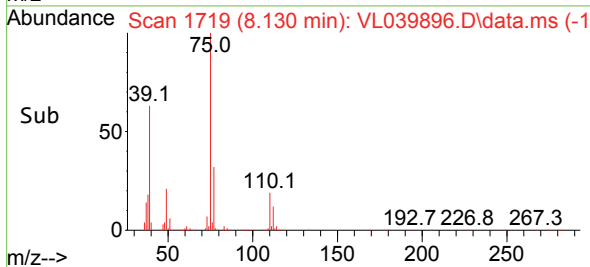
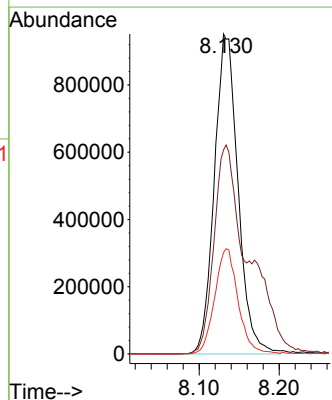
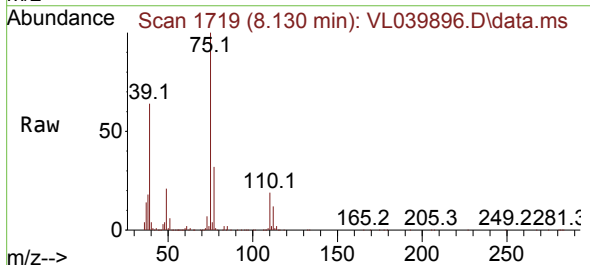
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

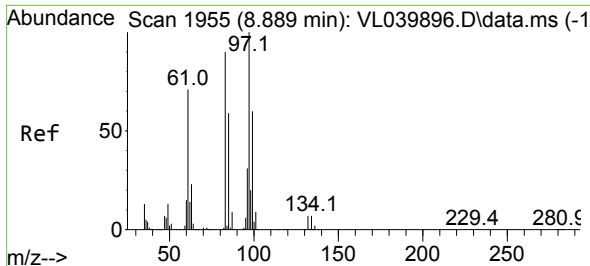
Tgt Ion: 75 Resp: 1528925
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4



#46
 cis-1,3-Dichloropropene
 Concen: 11.185 ppbv
 RT: 8.130 min Scan# 1719
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 75 Resp: 1952866
 Ion Ratio Lower Upper
 75 100
 39 63.7 51.0 76.4
 77 31.7 25.4 38.0



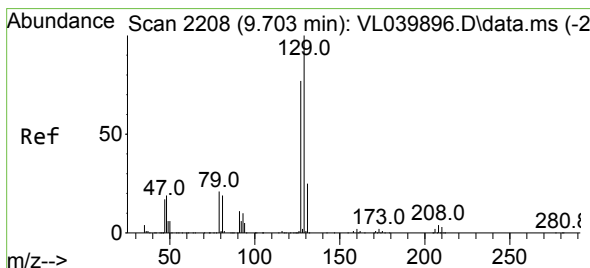
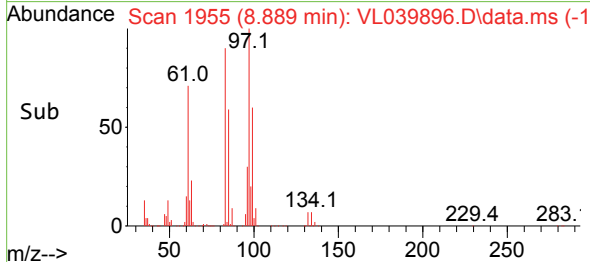
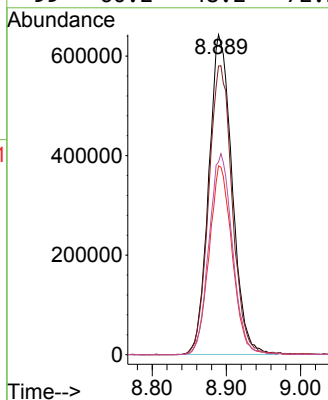
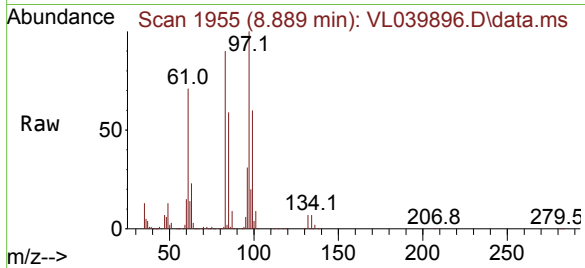


#47
1,1,2-Trichloroethane
Concen: 10.094 ppbv
RT: 8.889 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1406355

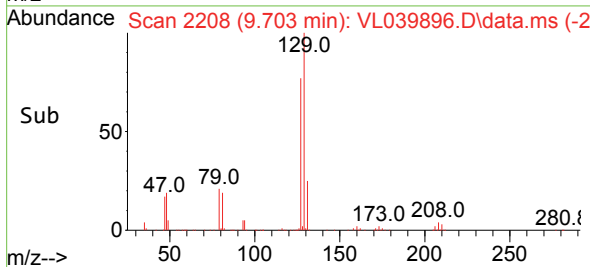
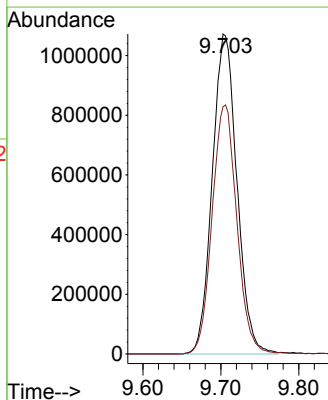
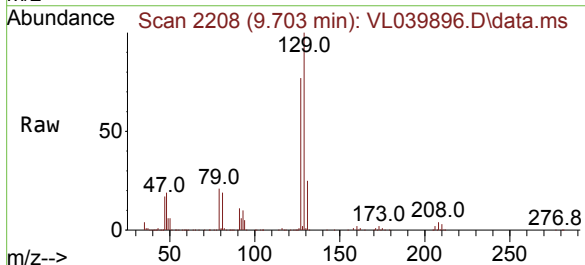
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.1	108.1
85	59.0	47.2	70.8
99	60.2	48.2	72.2

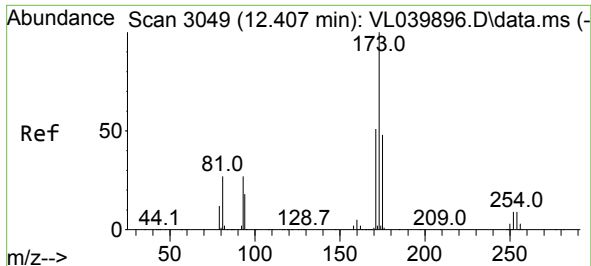


#48
Dibromochloromethane
Concen: 11.564 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 129 Resp: 2359863

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.3

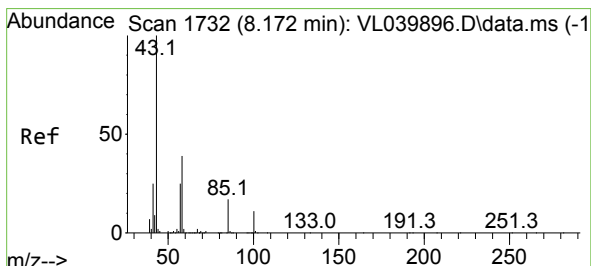
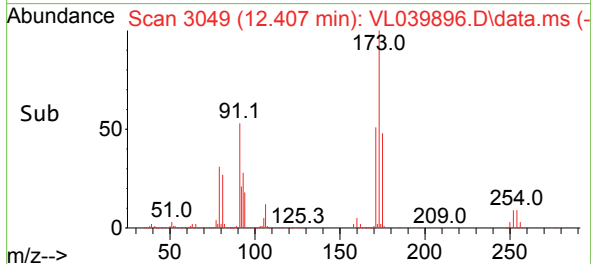
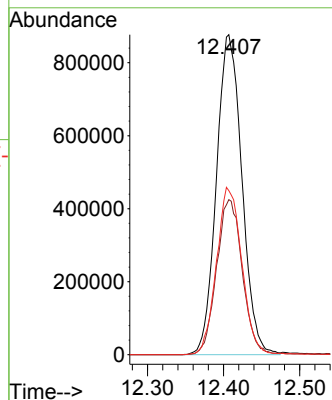
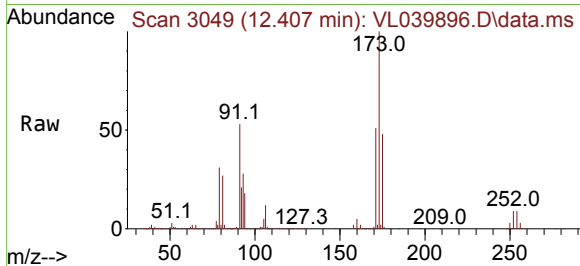




#49
 Bromoform
 Concen: 12.370 ppbv
 RT: 12.407 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

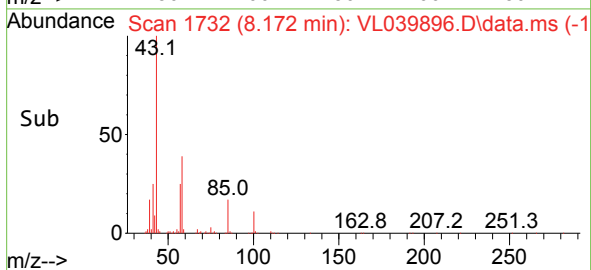
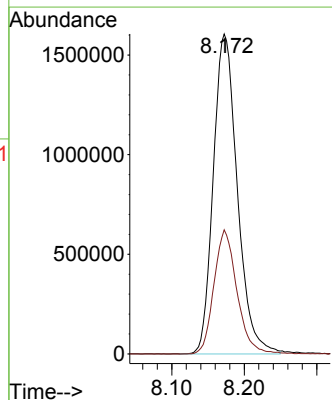
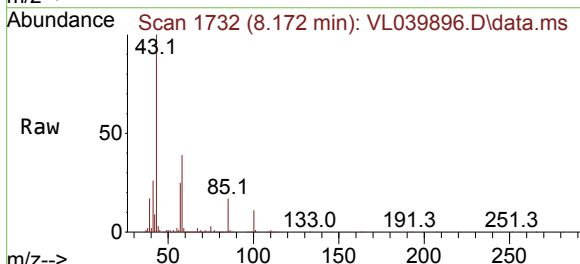
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

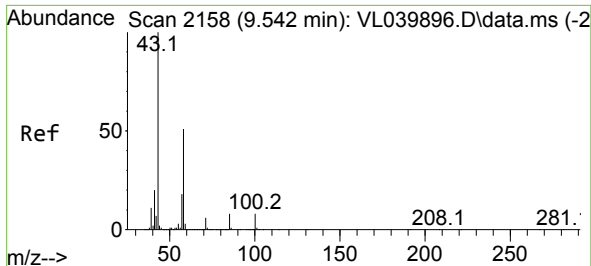
Tgt Ion:173 Resp: 2043433
 Ion Ratio Lower Upper
 173 100
 175 49.2 39.1 58.7
 171 52.1 41.8 62.8



#50
 4-Methyl-2-Pentanone
 Concen: 10.546 ppbv
 RT: 8.172 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 43 Resp: 3699728
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.6

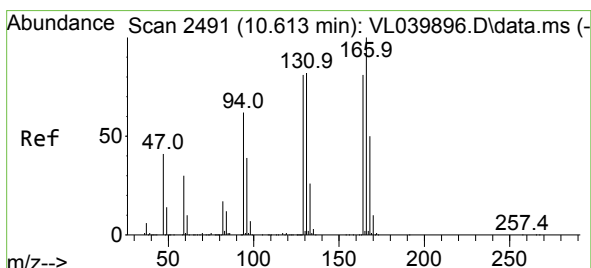
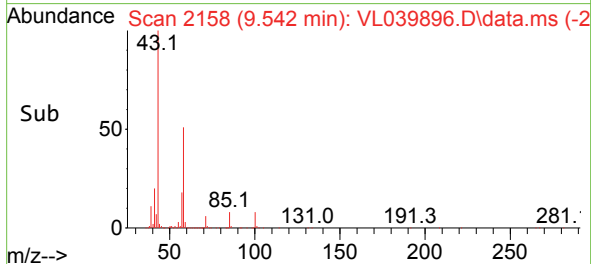
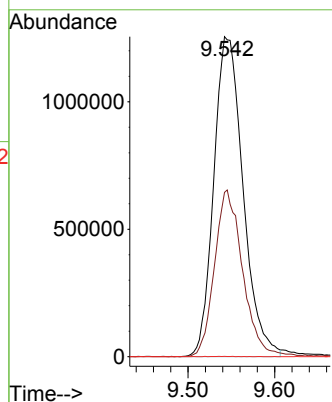
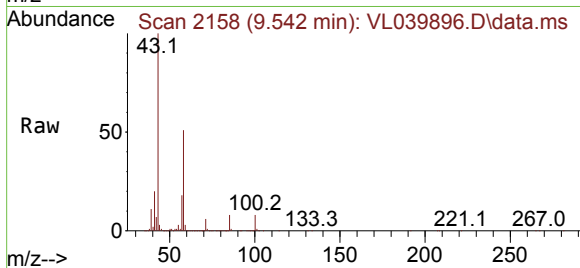




#51
2-Hexanone
Concen: 10.823 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

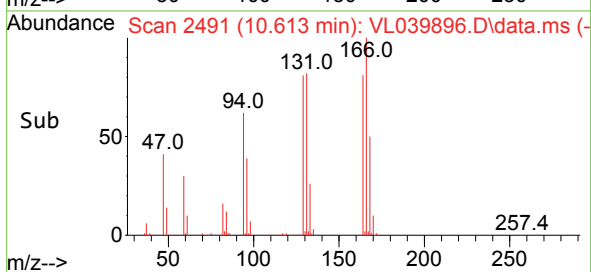
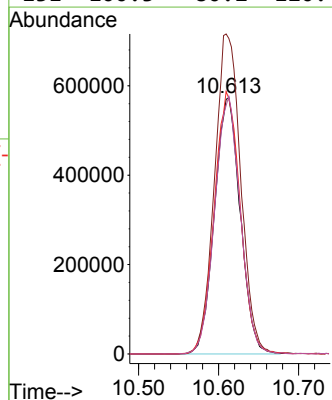
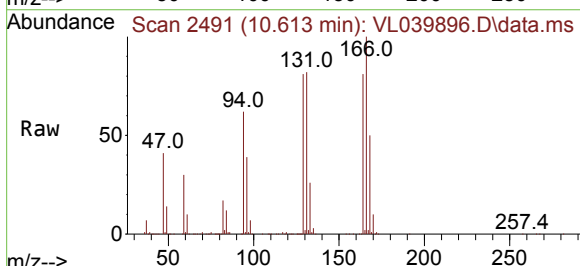
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

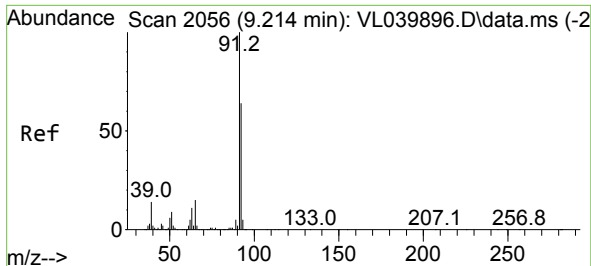
Tgt Ion: 43 Resp: 2947397
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 9.833 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 164 Resp: 1279940
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 99.6 79.7 119.5
131 100.3 80.2 120.4

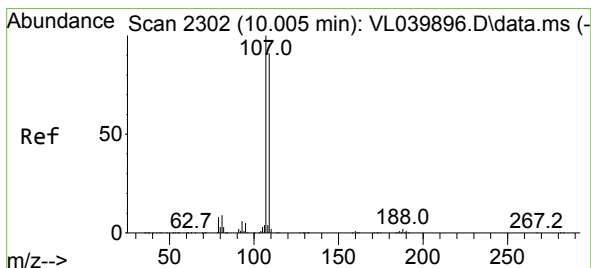
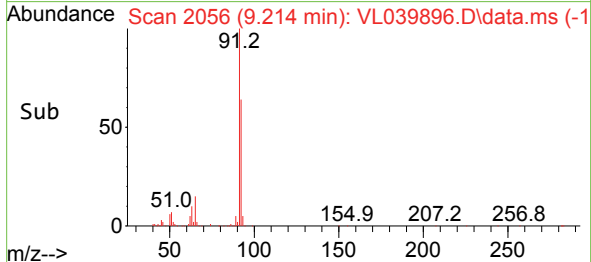
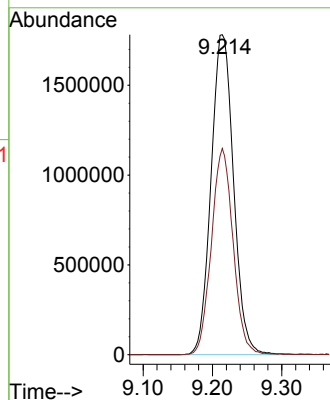
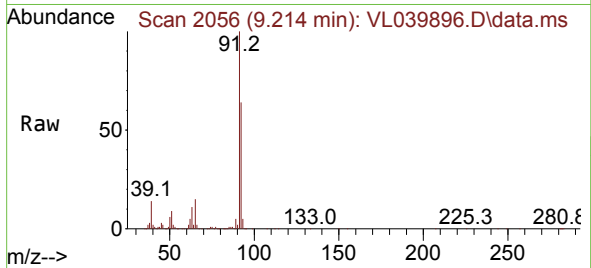




#53
Toluene
Concen: 10.150 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

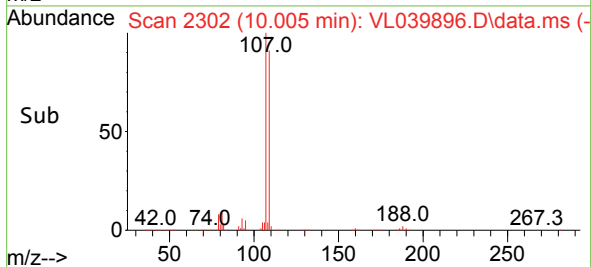
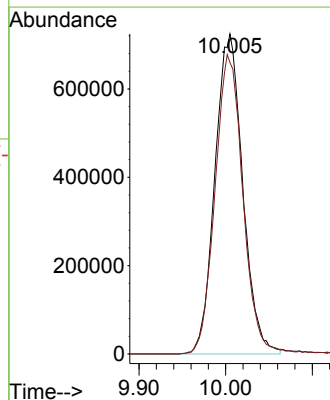
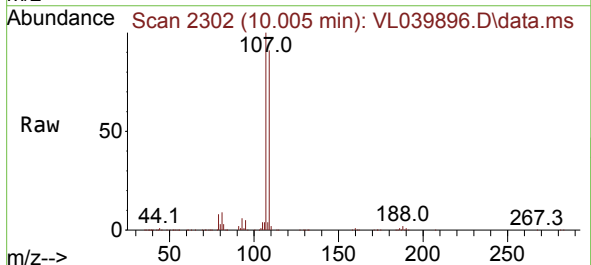
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

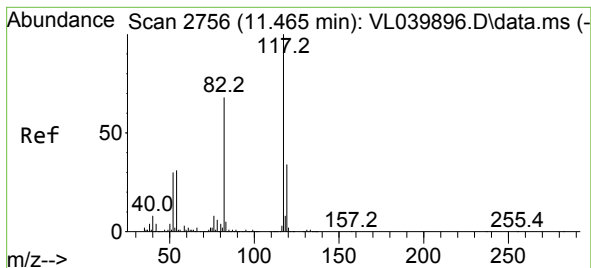
Tgt Ion: 91 Resp: 4023410
Ion Ratio Lower Upper
91 100
92 62.1 49.8 74.6



#54
1,2-Dibromoethane
Concen: 10.850 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 107 Resp: 1613276
Ion Ratio Lower Upper
107 100
109 91.0 72.8 109.2

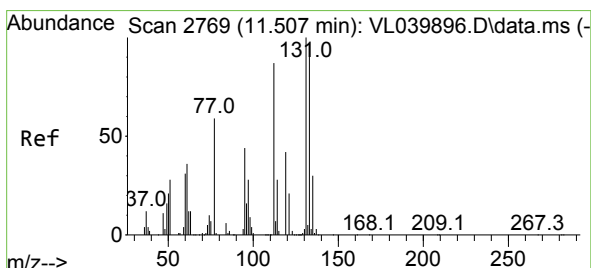
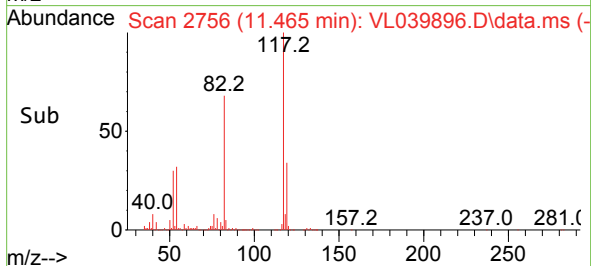
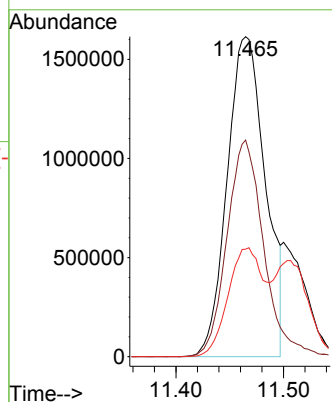
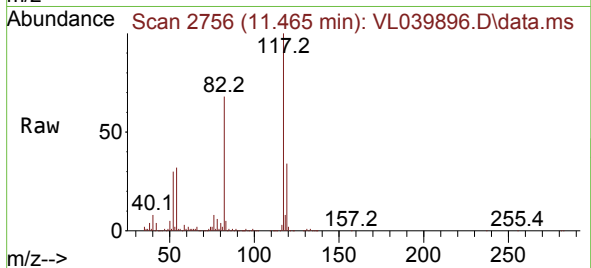




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

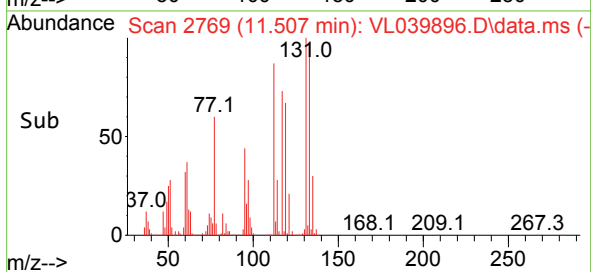
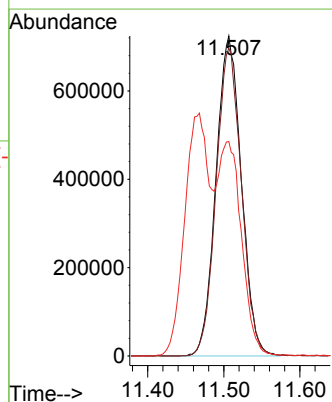
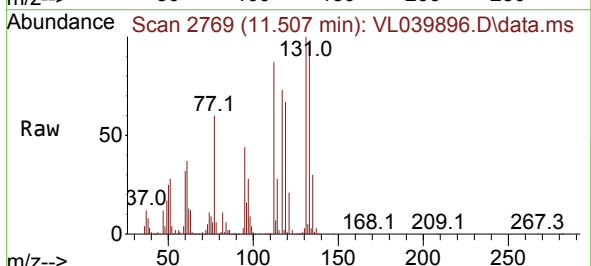
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

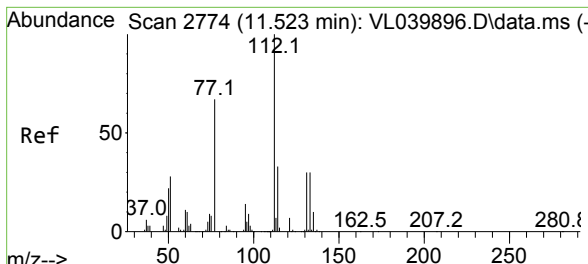
Tgt Ion:117 Resp: 3985955
Ion Ratio Lower Upper
117 100
82 65.4 52.3 78.5
119 32.1 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.306 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion:131 Resp: 1679215
Ion Ratio Lower Upper
131 100
133 95.9 76.7 115.1
119 58.2 46.6 69.8



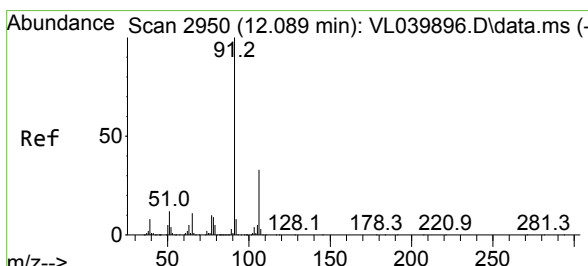
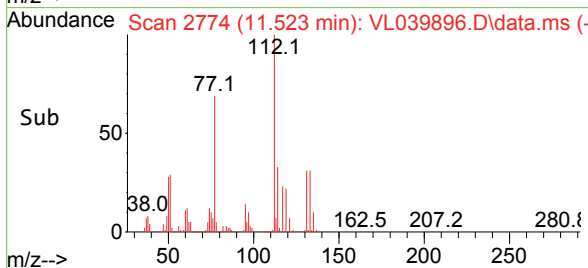
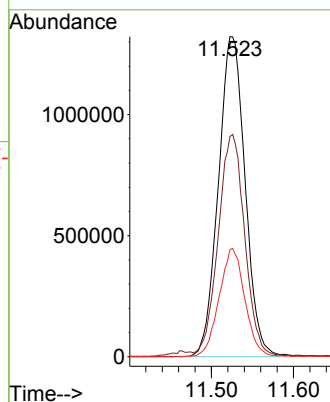
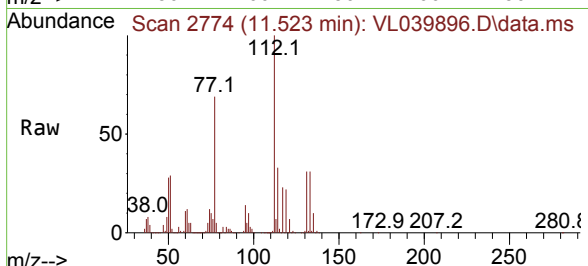


#57
Chlorobenzene
Concen: 9.824 ppbv
RT: 11.523 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 2994034

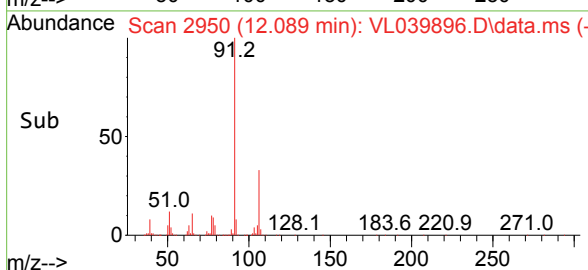
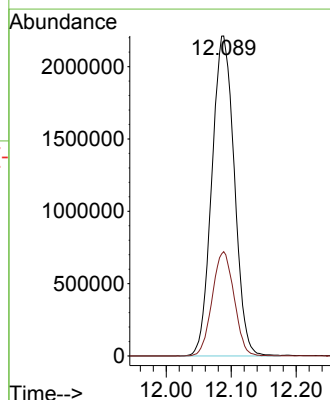
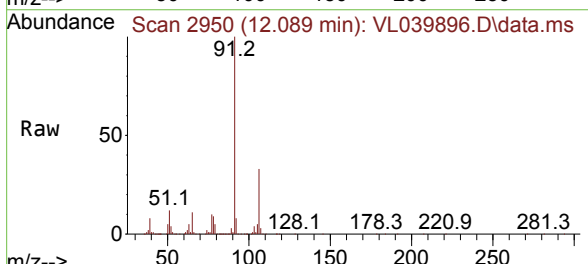
Ion	Ratio	Lower	Upper
112	100		
77	68.2	54.6	81.8
114	33.4	30.1	36.7

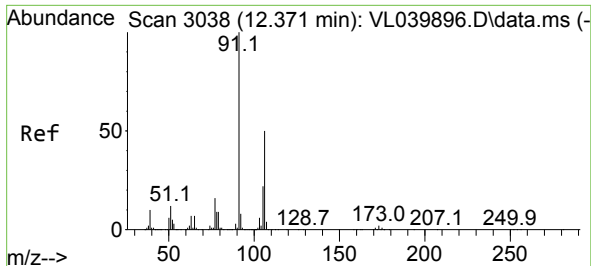


#58
Ethyl Benzene
Concen: 9.810 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 91 Resp: 5304805

Ion	Ratio	Lower	Upper
91	100		
106	32.6	26.1	39.1





#59

m/p-Xylene

Concen: 10.874 ppbv

RT: 12.371 min Scan# 3038

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

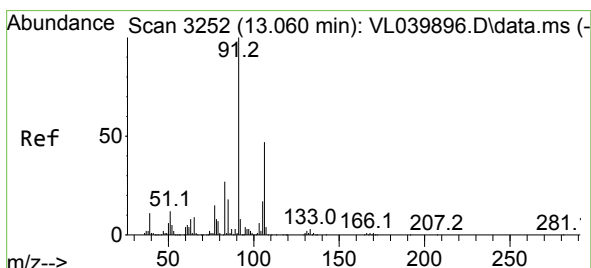
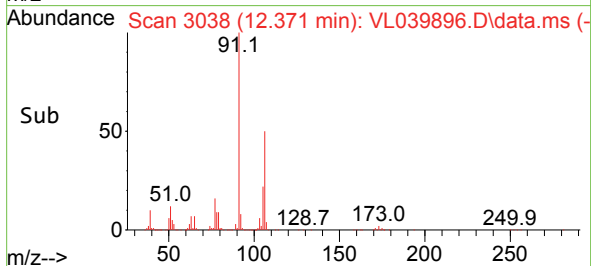
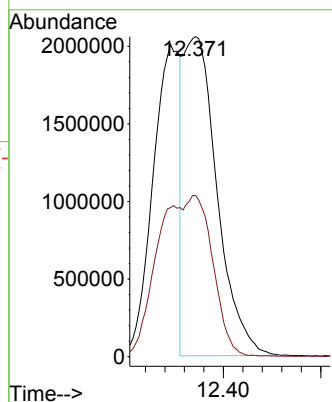
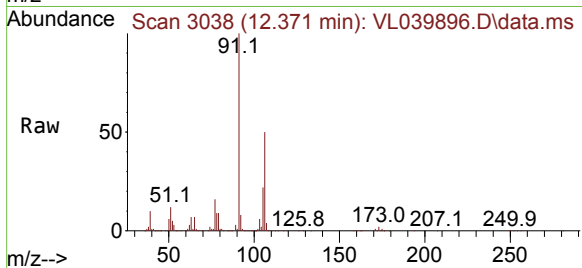
VSTDICCC010

Tgt Ion: 91 Resp: 4921703

Ion Ratio Lower Upper

91 100

106 82.5 37.0 55.6#



#60

o-Xylene

Concen: 9.761 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.000 min

Lab File: VL039896.D

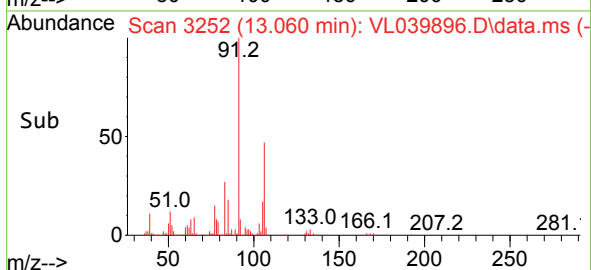
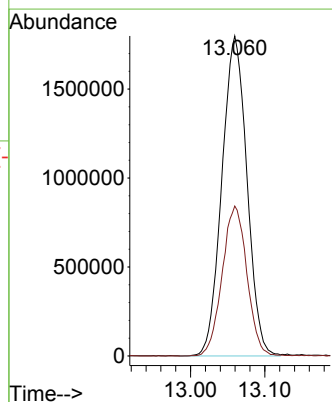
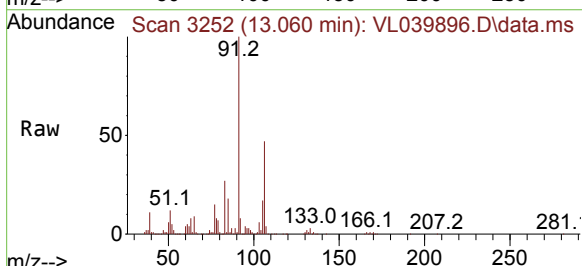
Acq: 18 Nov 2022 8:46

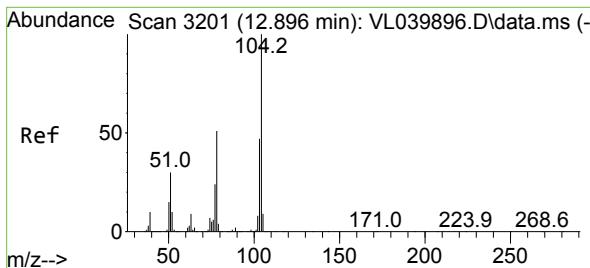
Tgt Ion: 91 Resp: 4212870

Ion Ratio Lower Upper

91 100

106 46.4 23.2 69.6





#61

Styrene

Concen: 10.431 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

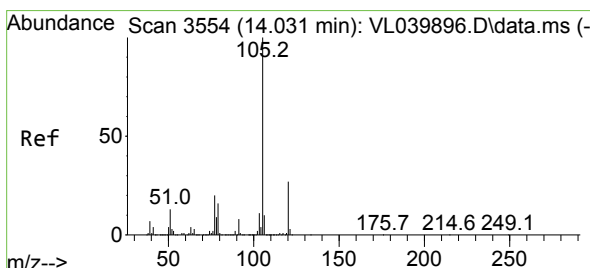
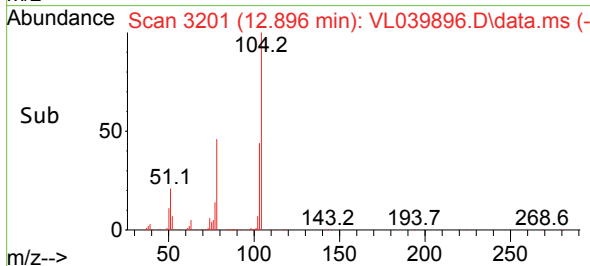
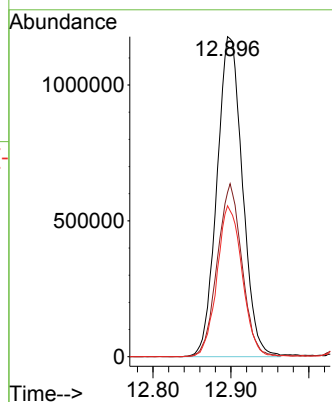
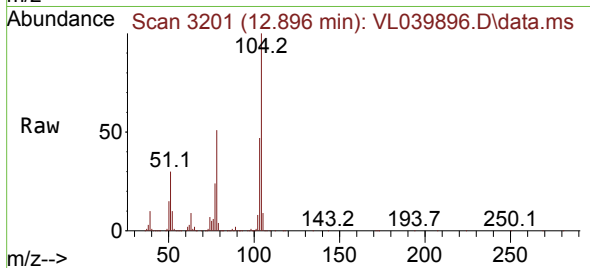
Tgt Ion:104 Resp: 2687471

Ion Ratio Lower Upper

104 100

78 52.4 41.8 62.8

103 46.6 37.2 55.8



#62

Isopropylbenzene

Concen: 9.623 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.000 min

Lab File: VL039896.D

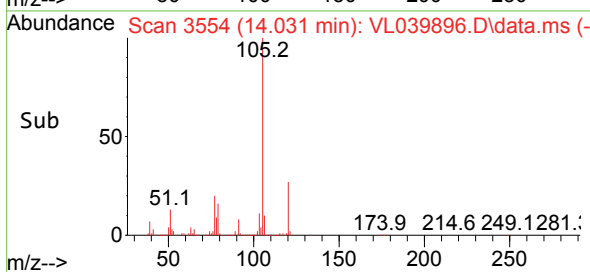
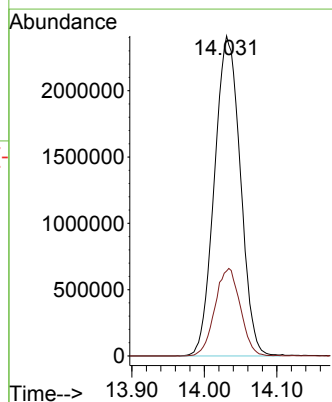
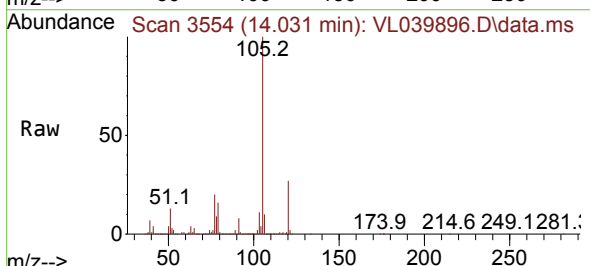
Acq: 18 Nov 2022 8:46

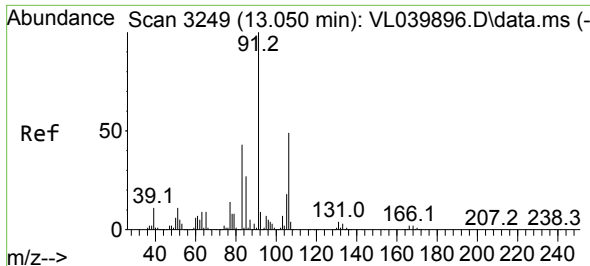
Tgt Ion:105 Resp: 5989720

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.2

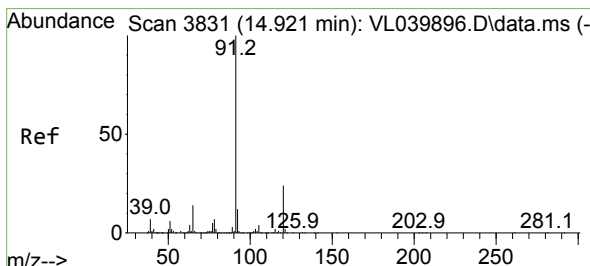
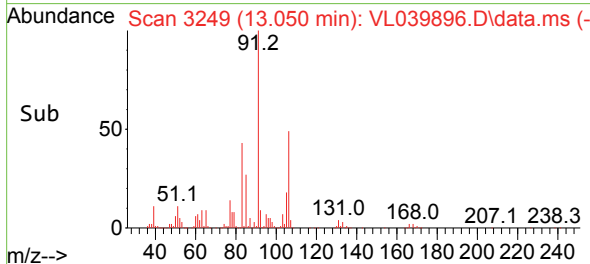
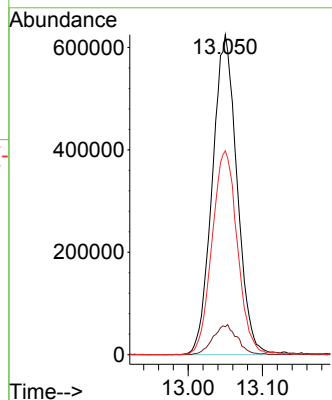
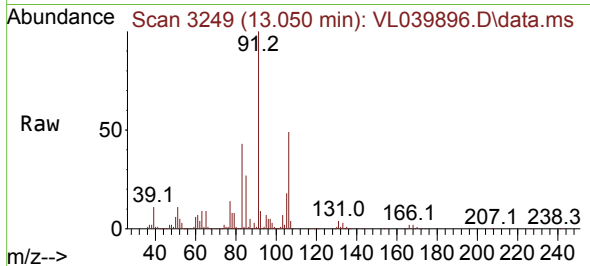




#63
1,1,2,2-Tetrachloroethane
Concen: 10.031 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

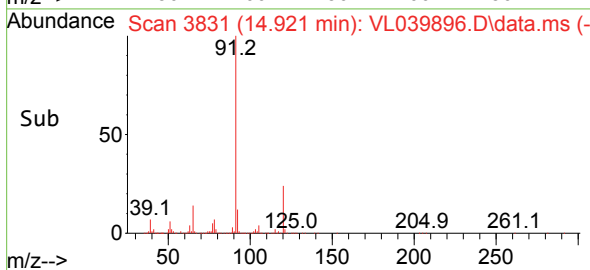
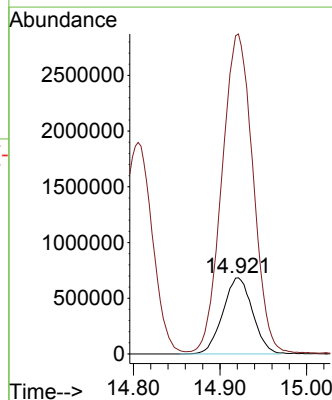
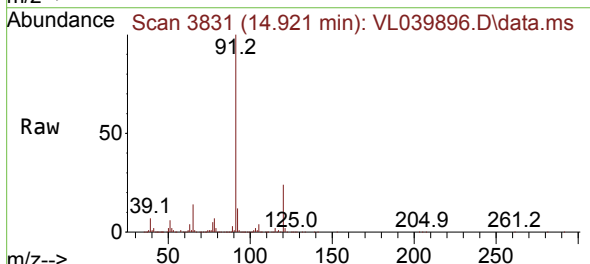
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

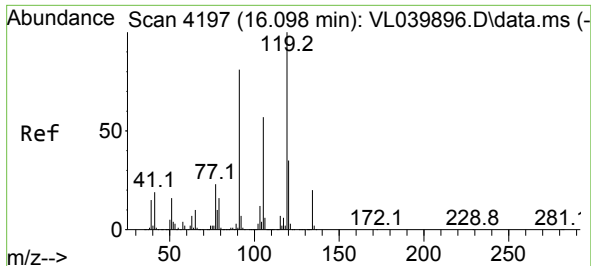
Tgt Ion: 83 Resp: 1445728
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.0 33.0 99.0



#64
n-propylbenzene
Concen: 9.984 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion:120 Resp: 1625599
Ion Ratio Lower Upper
120 100
91 442.3 353.7 530.5

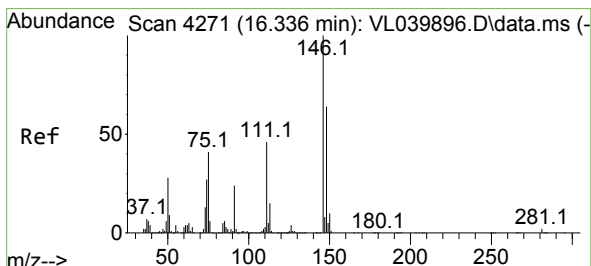
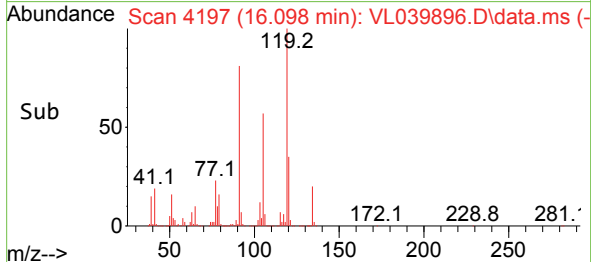
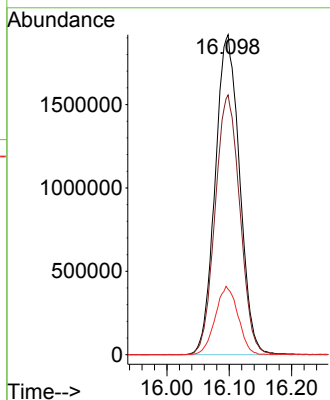
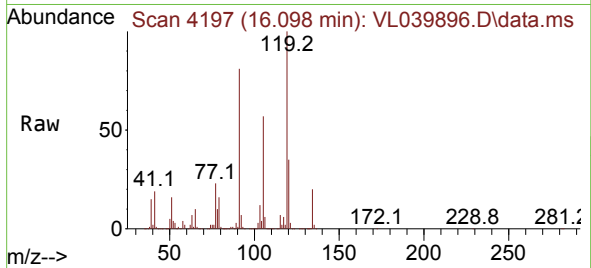




#65
tert-Butylbenzene
Concen: 9.567 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

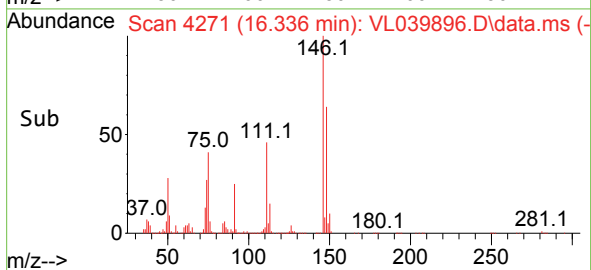
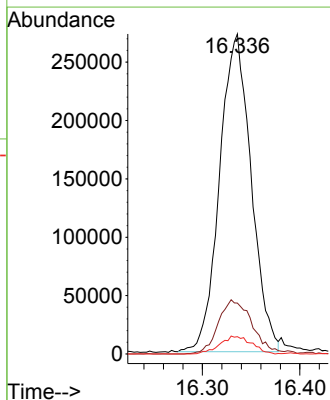
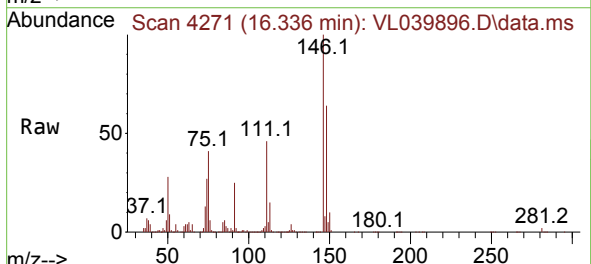
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

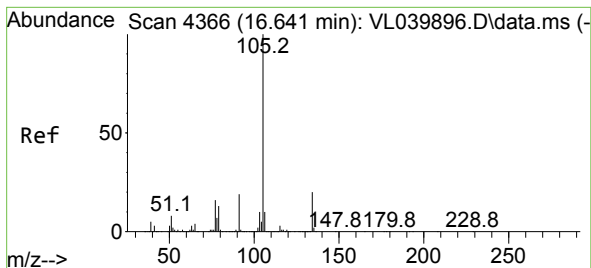
Tgt Ion:119 Resp: 5209208
Ion Ratio Lower Upper
119 100
91 82.3 65.8 98.8
134 20.1 16.1 24.1



#66
Benzyl Chloride
Concen: 13.112 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 91 Resp: 611837
Ion Ratio Lower Upper
91 100
126 18.8 15.0 22.6
128 5.8 4.6 7.0





#67

sec-Butylbenzene

Concen: 9.549 ppbv

RT: 16.641 min Scan# 4366

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

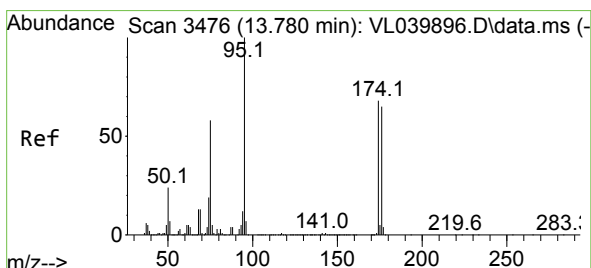
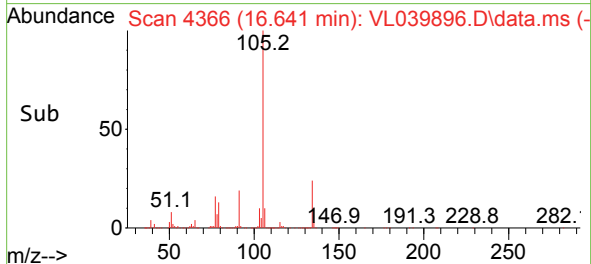
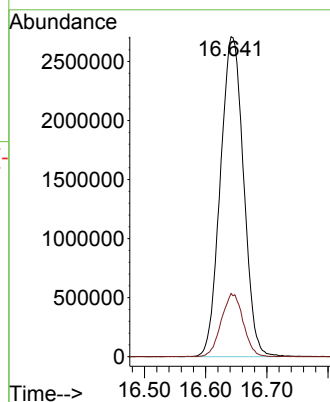
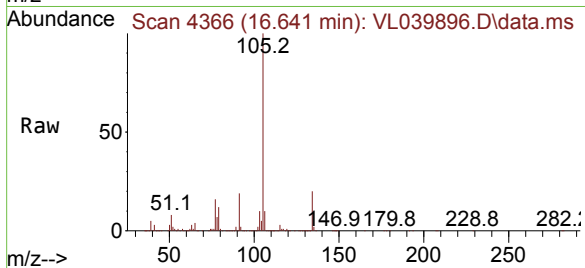
VSTDICCC010

Tgt Ion:105 Resp: 7148944

Ion Ratio Lower Upper

105 100

134 18.8 15.0 22.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.866 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

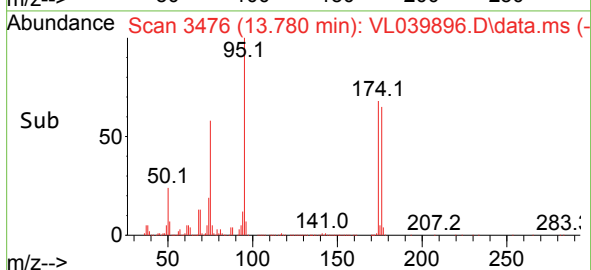
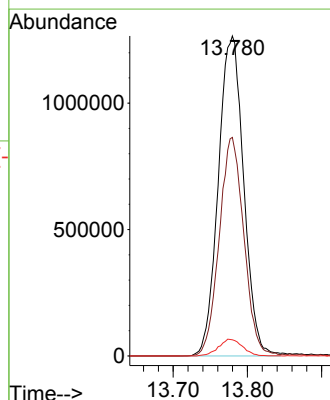
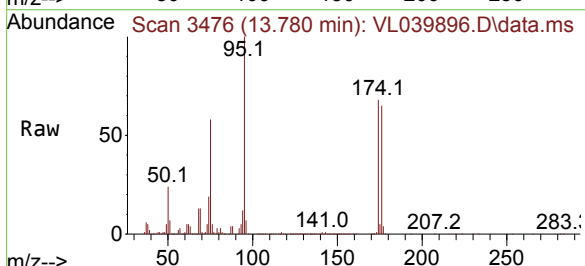
Tgt Ion: 95 Resp: 3003597

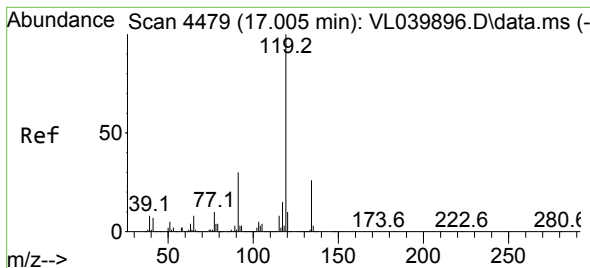
Ion Ratio Lower Upper

95 100

174 67.1 53.7 80.5

175 5.0 4.0 6.0

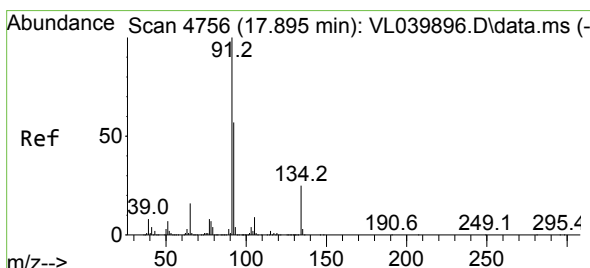
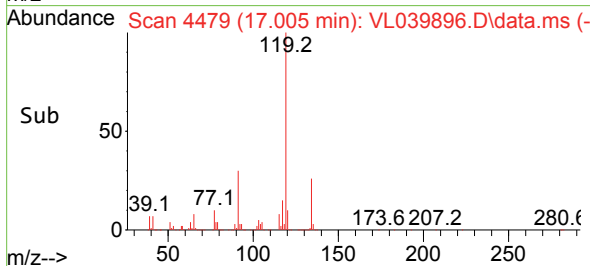
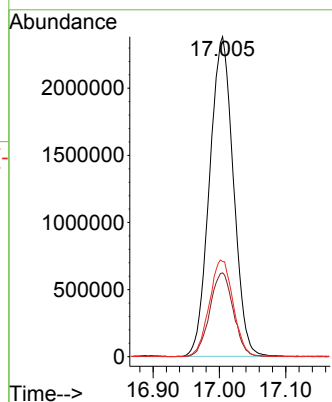
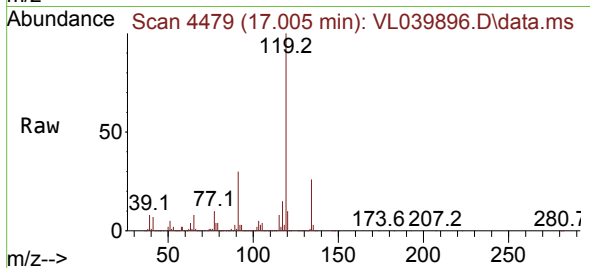




#69
p-Isopropyltoluene
Concen: 9.626 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

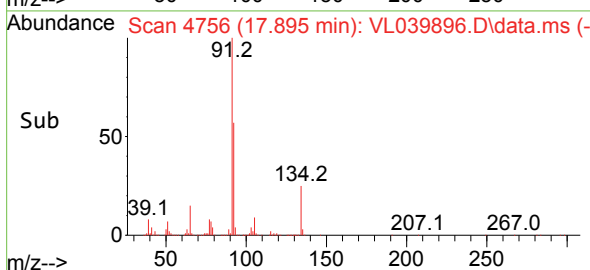
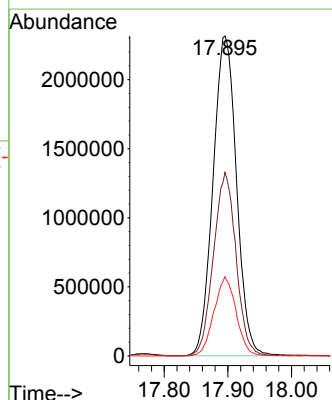
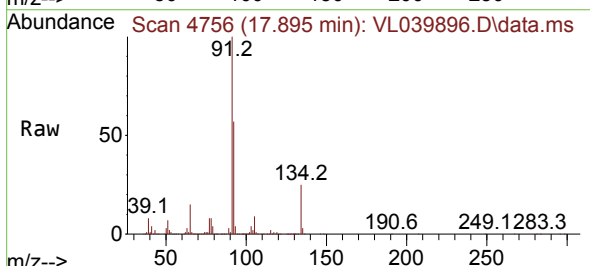
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

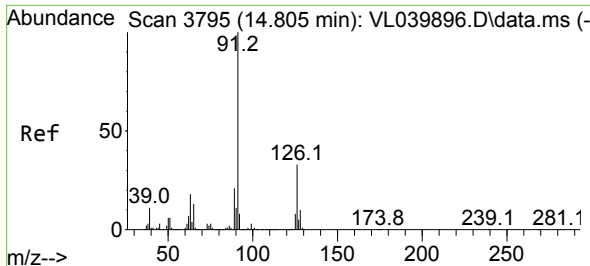
Tgt Ion:119 Resp: 5936736
Ion Ratio Lower Upper
119 100
134 26.1 21.0 31.4
91 30.5 24.4 36.6



#70
n-Butylbenzene
Concen: 9.701 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 91 Resp: 5931407
Ion Ratio Lower Upper
91 100
92 55.2 44.2 66.2
134 23.6 18.8 28.2

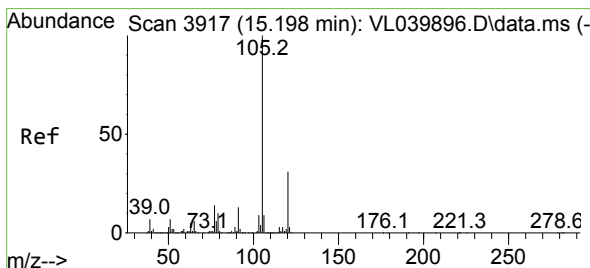
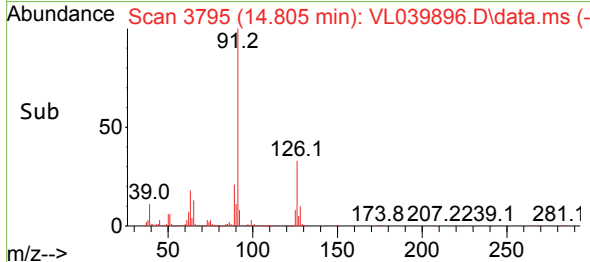
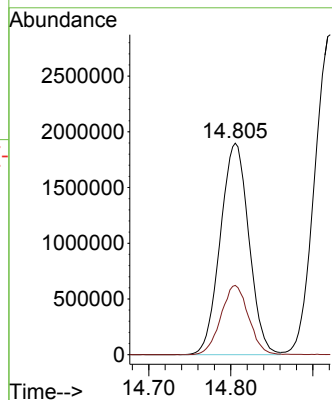
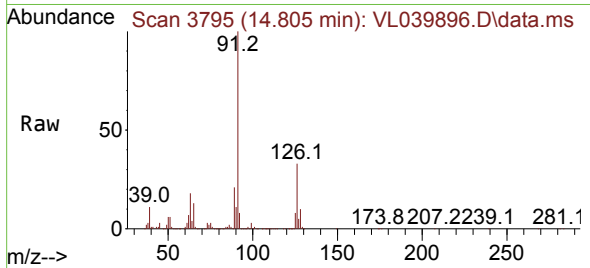




#71
2-Chlorotoluene
Concen: 9.740 ppbv
RT: 14.805 min Scan# 3795
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

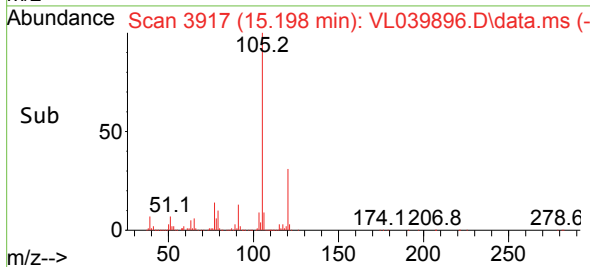
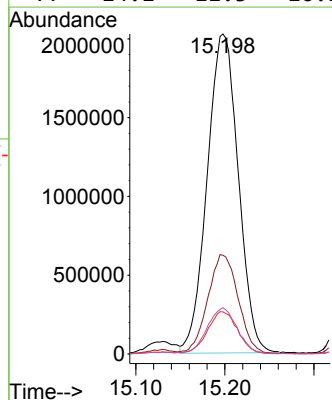
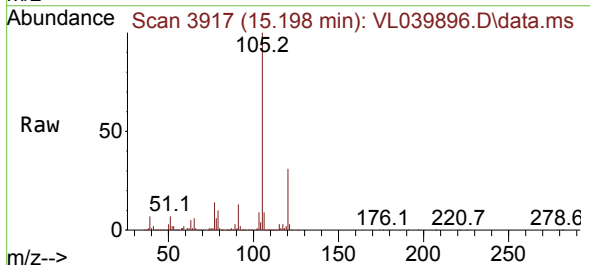
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

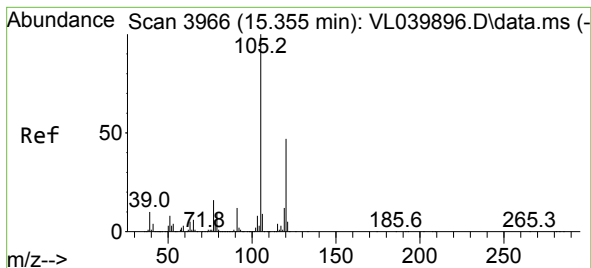
Tgt Ion: 91 Resp: 4594937
Ion Ratio Lower Upper
91 100
126 31.9 12.8 51.0



#72
4-Ethyltoluene
Concen: 10.139 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 105 Resp: 4919065
Ion Ratio Lower Upper
105 100
120 30.6 24.5 36.7
91 13.0 10.4 15.6
77 14.1 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 9.787 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

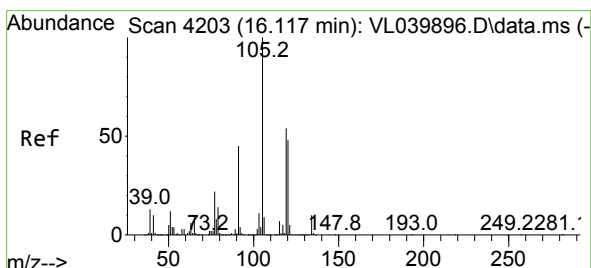
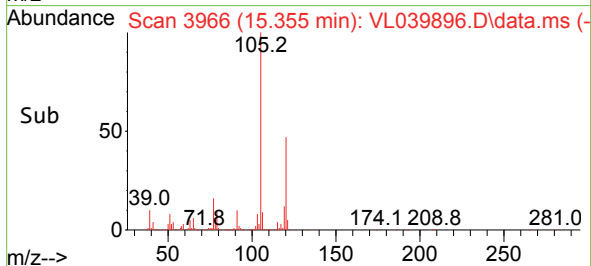
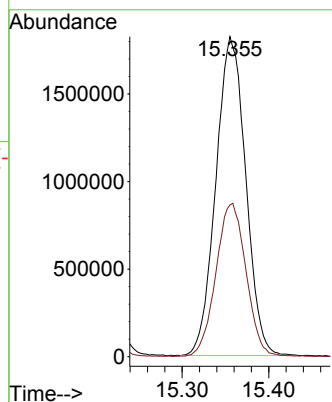
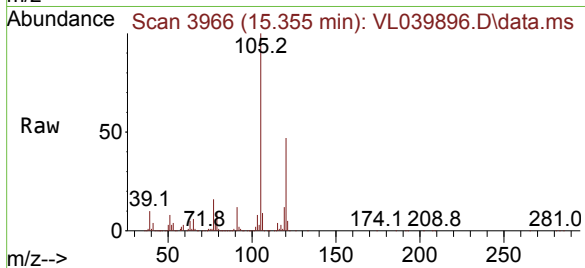
VSTDICCC010

Tgt Ion:105 Resp: 4346471

Ion Ratio Lower Upper

105 100

120 47.4 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 9.763 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Tgt Ion:105 Resp: 4590439

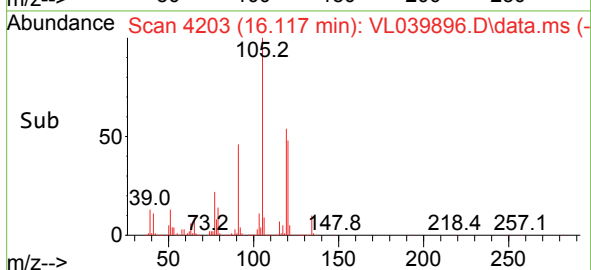
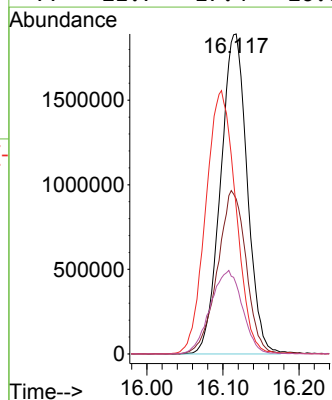
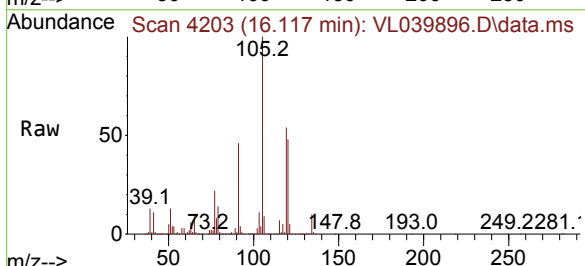
Ion Ratio Lower Upper

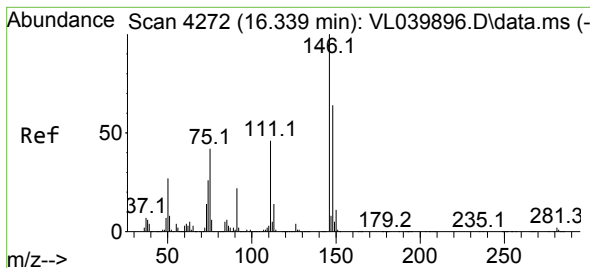
105 100

120 48.4 38.7 58.1

91 45.5 36.4 54.6

77 21.7 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 10.155 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

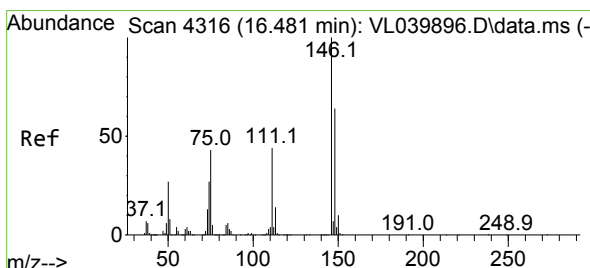
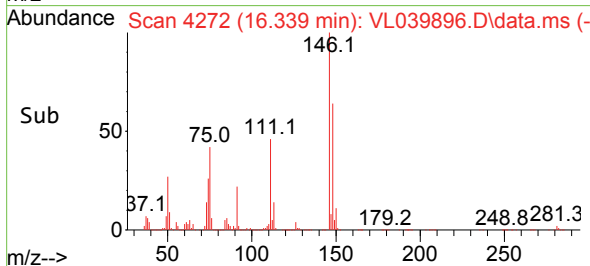
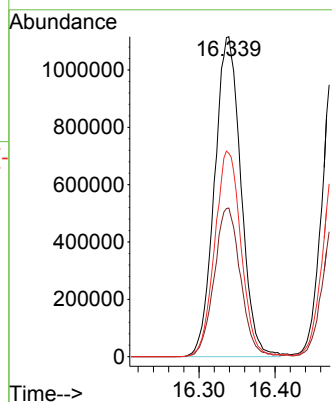
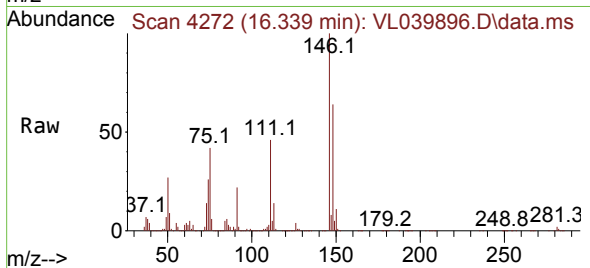
Tgt Ion:146 Resp: 2686591

Ion Ratio Lower Upper

146 100

111 46.5 23.3 69.9

148 64.3 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 10.165 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

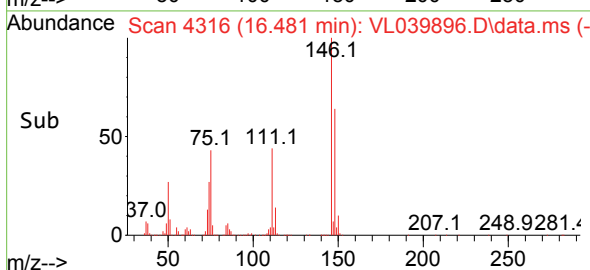
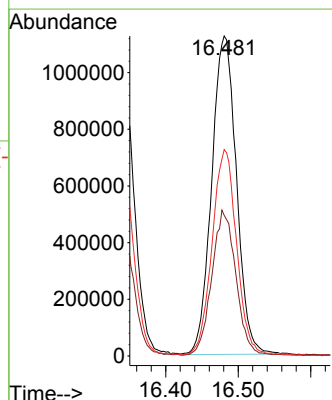
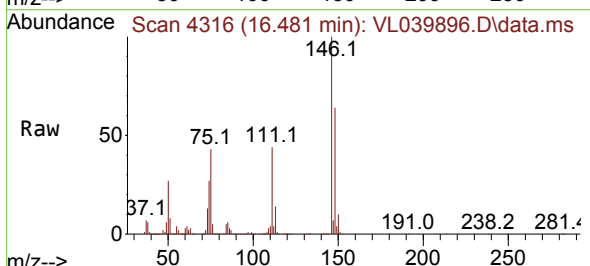
Tgt Ion:146 Resp: 2665949

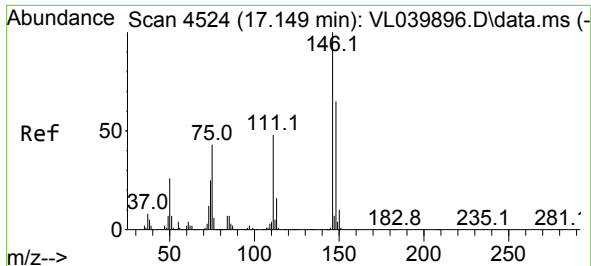
Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.3

148 64.9 32.3 96.9

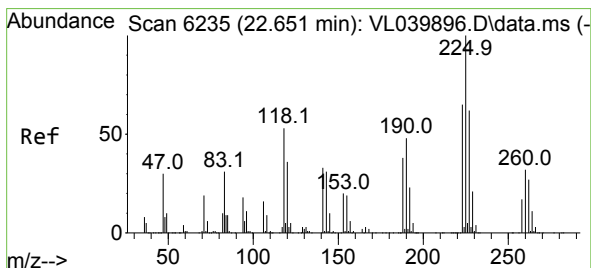
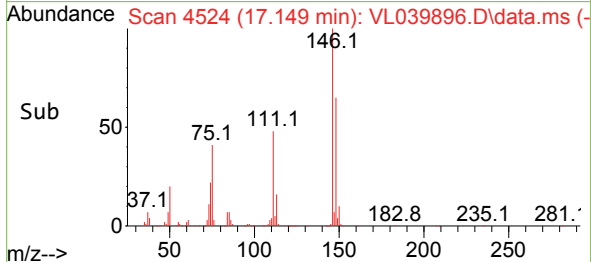
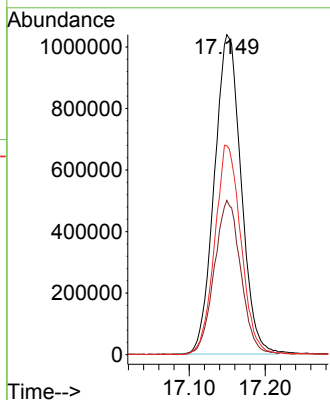
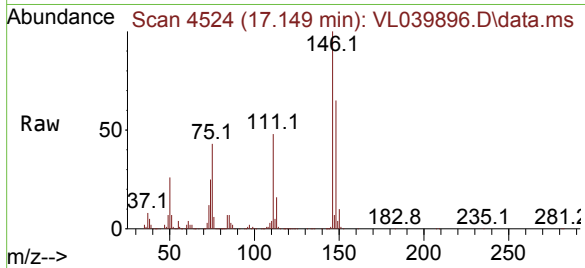




#77
1,2-Dichlorobenzene
Concen: 9.940 ppbv
RT: 17.149 min Scan# 4524
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

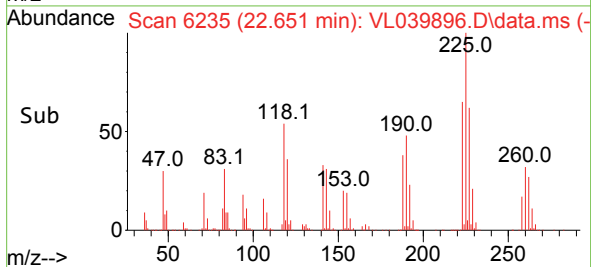
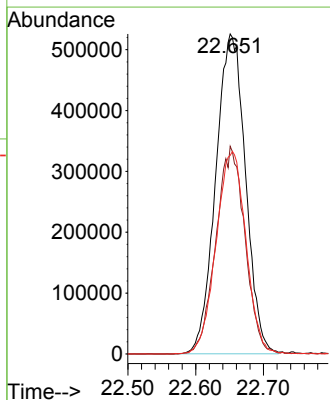
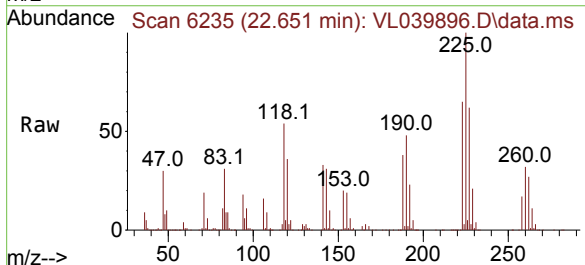
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

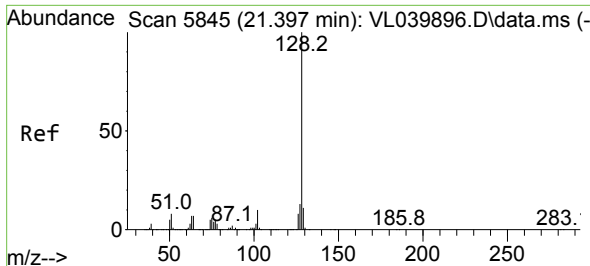
Tgt Ion:146 Resp: 2535173
Ion Ratio Lower Upper
146 100
111 48.2 24.1 72.3
148 64.8 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 9.061 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion:225 Resp: 1603424
Ion Ratio Lower Upper
225 100
223 63.5 50.7 76.1
227 63.6 50.8 76.2

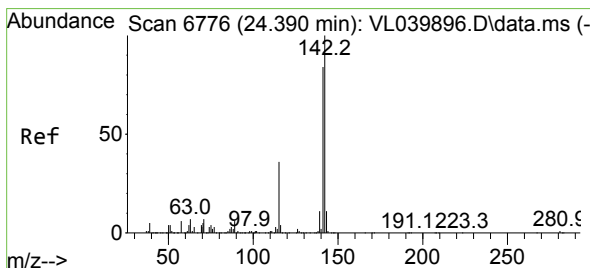
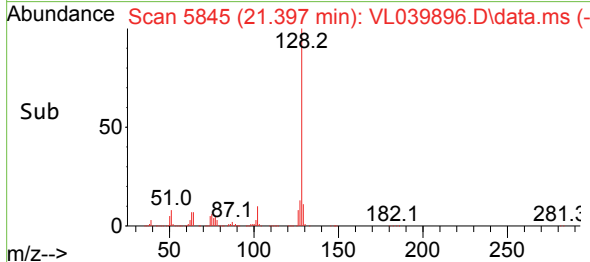
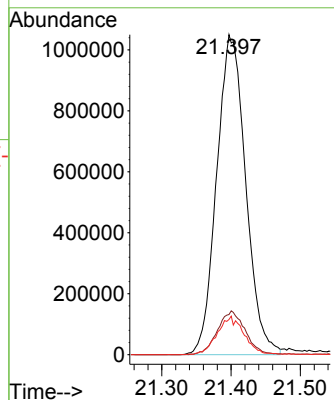
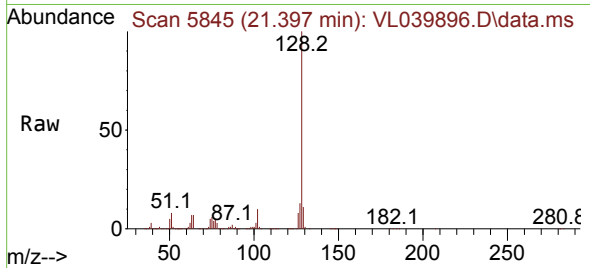




#79
Naphthalene
Concen: 10.861 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

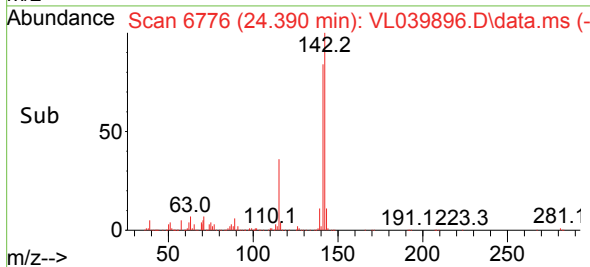
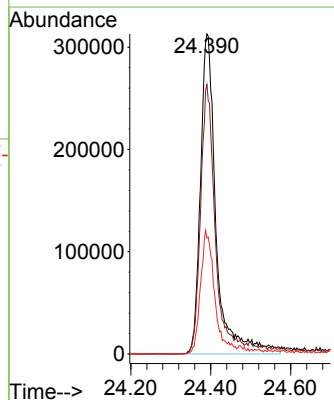
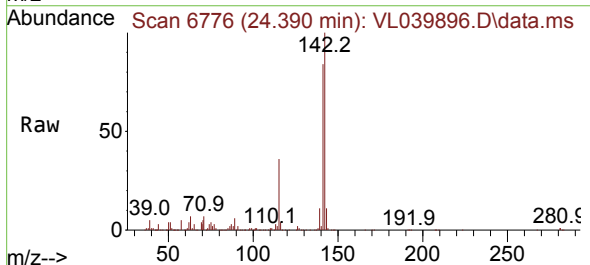
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

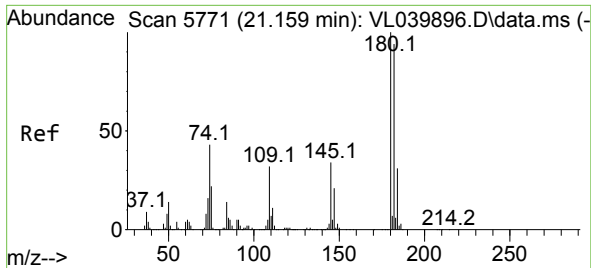
Tgt Ion:128 Resp: 3056522
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 10.811 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.000 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion:142 Resp: 855683
Ion Ratio Lower Upper
142 100
141 82.2 69.1 103.7
115 36.4 29.6 44.4





#81

1,2,4-Trichlorobenzene

Concen: 10.002 ppbv

RT: 21.159 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL039896.D

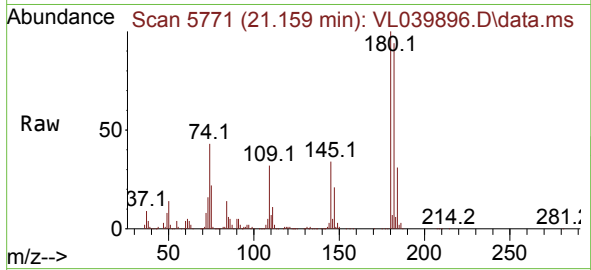
Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1738250

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

184 31.8 25.2 37.8

