

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039970.D
 Acq On : 12 Dec 2022 10:37
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Dec 13 06:07:34 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 Dec 02 23:21:36 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1175559	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	3364467	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.455	117	3192224	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 2658638 10.904 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.709	85	1920819	11.409	ppbv	95
3) Chlorodifluoromethane	2.652	51	1537780	9.480	ppbv	96
4) Chloromethane	2.790	50	958459	9.246	ppbv	99
5) Vinyl Chloride	2.899	62	829211	10.237	ppbv	96
6) Bromomethane	3.099	94	294612	10.663	ppbv	100
7) Chloroethane	3.176	64	303083	9.466	ppbv	93
8) Dichlorotetrafluoroethane	2.835	85	2034781	10.584	ppbv	98
9) Propene	2.671	41	681242	8.915	ppbv	99
10) Heptane	7.565	43	1659214	8.999	ppbv	98
11) Trichlorofluoromethane	3.542	101	2159280	10.515	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.047	101	1578603	10.157	ppbv	95
13) Ethanol	3.224	45	27568	4.725	ppbv	81
14) Bromoethene	3.346	108	644302	10.630	ppbv	100
15) Acetone	3.446	43	1470085	9.428	ppbv	99
16) 1,3-Butadiene	2.963	39	771341	9.926	ppbv	100
17) tert-Butyl alcohol	3.857	59	1669849	9.314	ppbv	99
18) 1,1-Dichloroethene	3.861	96	720311	10.160	ppbv	99
19) Isopropyl Alcohol	3.555	45	708963	8.398	ppbv #	32
20) Methylene Chloride	3.915	84	593590	7.858	ppbv	95
21) Allyl Chloride	3.976	41	1063255	9.830	ppbv	100
22) trans-1,2-Dichloroethene	4.426	96	726046	10.070	ppbv	97
23) Vinyl Acetate	4.606	43	597332	9.325	ppbv	98
24) 1,1-Dichloroethane	4.545	63	1527157	9.887	ppbv	100
25) Ethyl Acetate	5.185	43	2709989	9.466	ppbv	99
26) Hexane	5.195	57	1179490	9.431	ppbv	98
27) Carbon Disulfide	4.105	76	1904235	12.061	ppbv	98
28) Methyl tert-Butyl Ether	4.568	73	1442688	9.214	ppbv	99
29) Chloroform	5.256	83	2088409	12.566	ppbv	99
30) Cyclohexane	6.587	84	1114751	9.083	ppbv	97
31) cis-1,2-Dichloroethene	5.060	61	1157005	10.014	ppbv	96
32) 1,1,1-Trichloroethane	5.986	97	2223277	10.711	ppbv	98
34) 2-Butanone	4.767	43	1597856	9.925	ppbv	97
35) Carbon Tetrachloride	6.475	117	2379111	12.451	ppbv	99
36) Benzene	6.356	78	2775520	9.705	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1682400	10.735	ppbv	99
38) Trichloroethene	7.275	130	1586376	9.923	ppbv	98
39) 1,2-Dichloropropane	7.060	63	1079989	9.693	ppbv	96
40) 1,4-Dioxane	7.275	88	400262	9.018	ppbv	89
41) Tetrahydrofuran	5.542	42	1051573	9.462	ppbv	98
42) Bromodichloromethane	7.233	83	2514273	11.830	ppbv	100
43) Methyl Methacrylate	7.458	69	1109065	9.892	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	4532834	9.495	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	1106471	10.681	ppbv	100

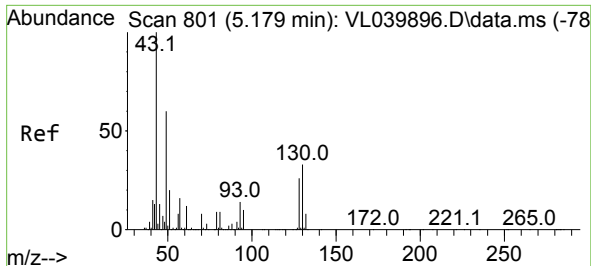
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039970.D
 Acq On : 12 Dec 2022 10:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Dec 13 06:07:34 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 Dec 02 23:21:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	1502767	10.472	ppbv	96
47) 1,1,2-Trichloroethane	8.886	97	1154735	10.084	ppbv	98
48) Dibromochloromethane	9.700	129	2074239	12.367	ppbv	100
49) Bromoform	12.397	173	1613200	11.882	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2812061	9.753	ppbv	99
51) 2-Hexanone	9.542	43	2152144	9.615	ppbv #	98
52) Tetrachloroethene	10.600	164	937934	8.767	ppbv	96
53) Toluene	9.208	91	3153802	9.681	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1326372	10.854	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.500	131	1419883	10.881	ppbv	96
57) Chlorobenzene	11.516	112	2370803	9.713	ppbv	98
58) Ethyl Benzene	12.079	91	4251716	9.817	ppbv	97
59) m/p-Xylene	12.362	91	4109187	11.337	ppbv #	55
60) o-Xylene	13.050	91	3433166	9.932	ppbv	97
61) Styrene	12.889	104	2003269	9.709	ppbv	99
62) Isopropylbenzene	14.021	105	4803068	9.636	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	1197390	10.374	ppbv	100
64) n-propylbenzene	14.908	120	1240754	9.515	ppbv	88
65) tert-Butylbenzene	16.082	119	4126426	9.463	ppbv	98
66) Benzyl Chloride	16.320	91	333500	8.924	ppbv	97
67) sec-Butylbenzene	16.628	105	5687150	9.485	ppbv	98
69) p-Isopropyltoluene	16.985	119	4598189	9.310	ppbv	99
70) n-Butylbenzene	17.876	91	4777602	9.757	ppbv	97
71) 2-Chlorotoluene	14.793	91	3669903	9.713	ppbv	97
72) 4-Ethyltoluene	15.185	105	3835285	9.871	ppbv	99
73) 1,3,5-Trimethylbenzene	15.342	105	3390438	9.532	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3604283	9.571	ppbv #	89
75) 1,3-Dichlorobenzene	16.323	146	1970026	9.298	ppbv	98
76) 1,4-Dichlorobenzene	16.465	146	1914785	9.116	ppbv	97
77) 1,2-Dichlorobenzene	17.130	146	1850567	9.060	ppbv	98
78) Hexachloro-1,3-Butadiene	22.628	225	1083710	7.646	ppbv	99
79) Naphthalene	21.378	128	2088154	9.265	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	562445	8.873	ppbv #	96
81) 1,2,4-Trichlorobenzene	21.130	180	1176369	8.452	ppbv	99

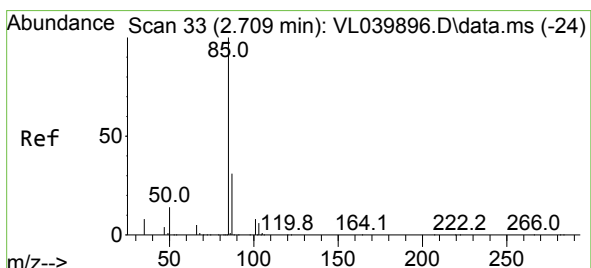
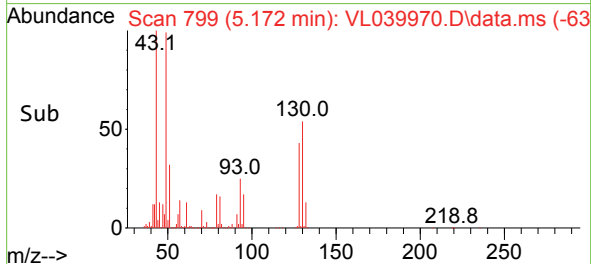
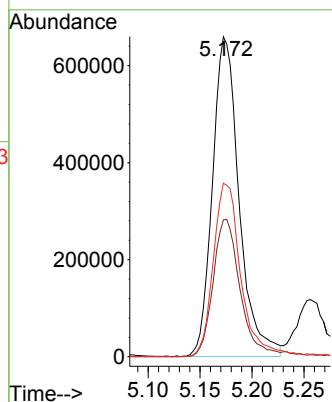
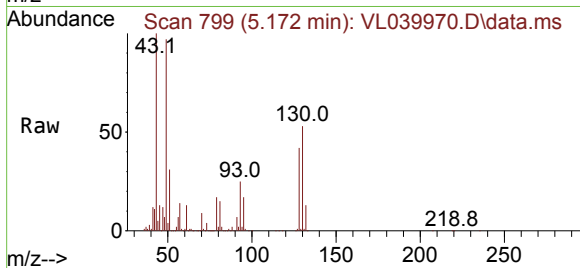
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.016 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

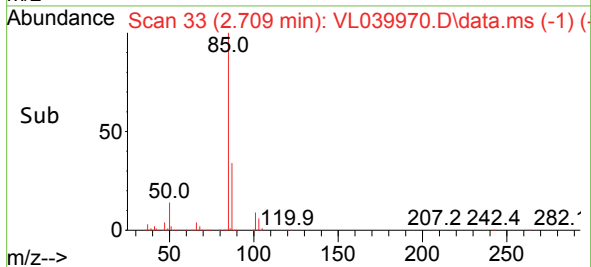
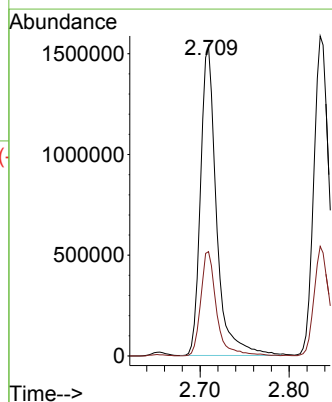
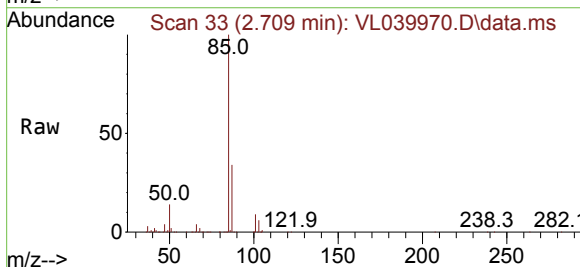
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

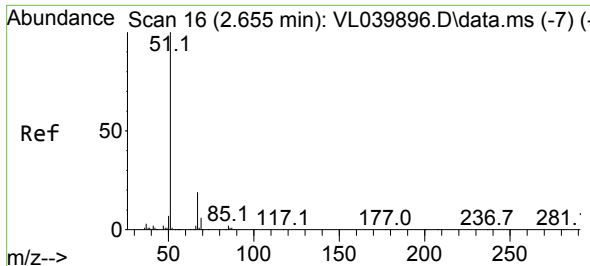
Tgt Ion: 49 Resp: 1175559
Ion Ratio Lower Upper
49 100
128 45.1 22.1 66.3
130 57.0 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 11.409 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.013 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 85 Resp: 1920819
Ion Ratio Lower Upper
85 100
87 33.7 25.0 37.4

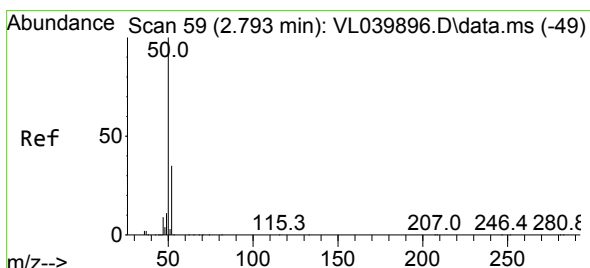
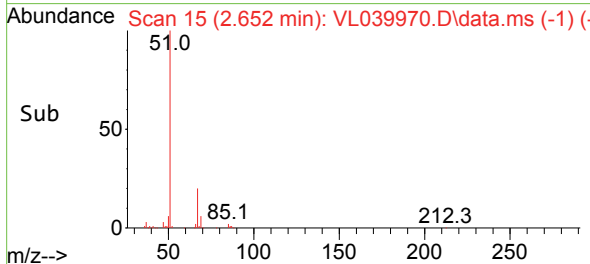
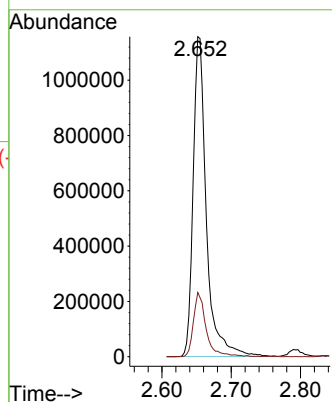
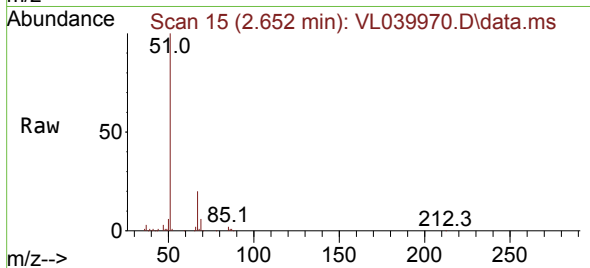




#3
Chlorodifluoromethane
Concen: 9.480 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

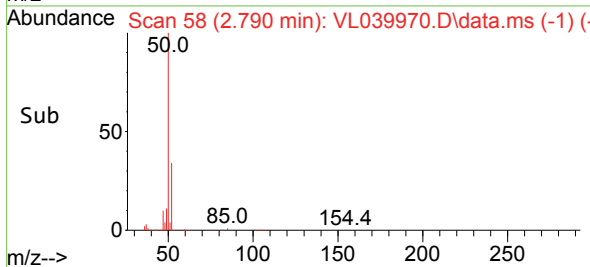
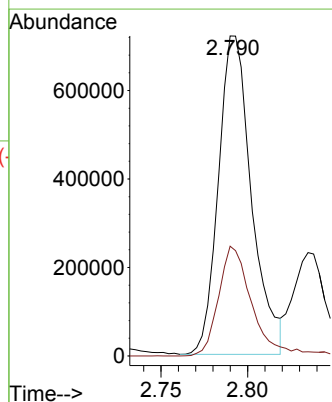
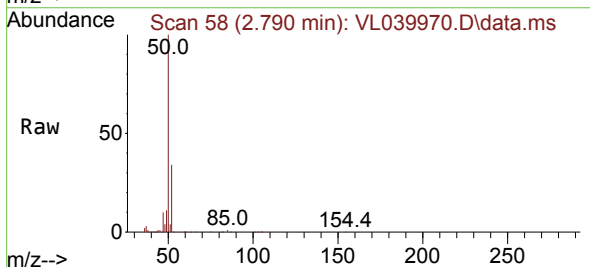
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ClientSampleId :
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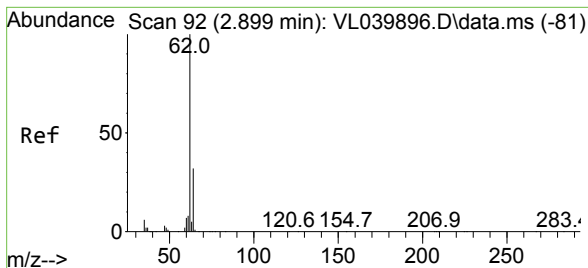
Tgt Ion: 51 Resp: 1537780
Ion Ratio Lower Upper
51 100
67 19.5 14.2 21.4



#4
Chloromethane
Concen: 9.246 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 50 Resp: 958459
Ion Ratio Lower Upper
50 100
52 34.5 27.8 41.8

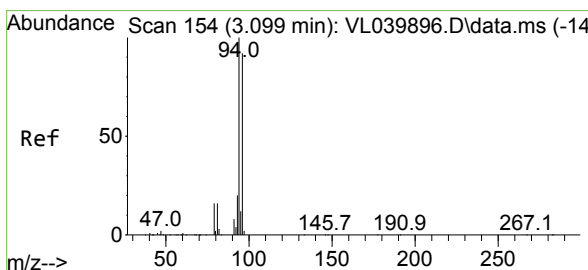
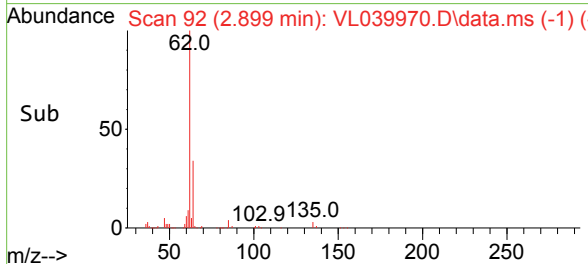
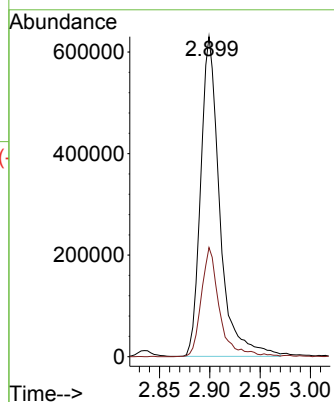
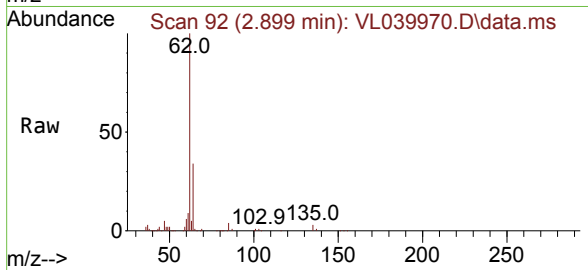




#5
 Vinyl Chloride
 Concen: 10.237 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

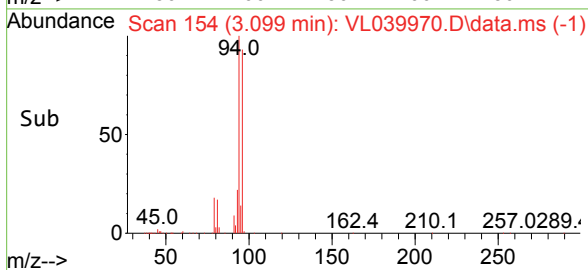
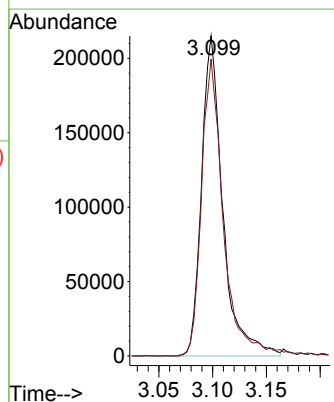
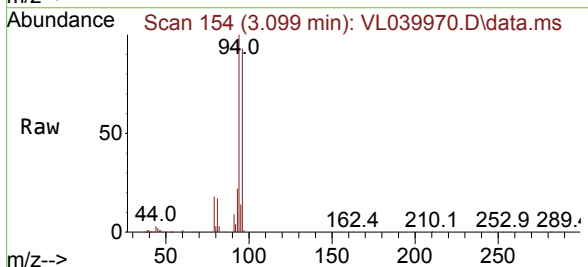
Instrument :
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 ClientSampleId :
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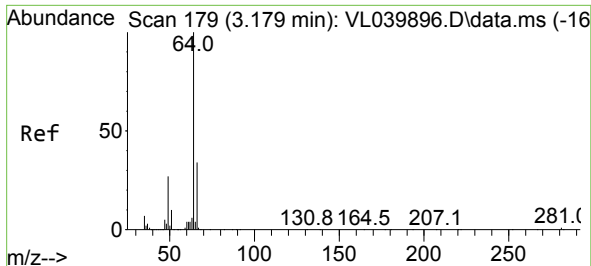
Tgt Ion: 62 Resp: 829211
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.7 38.5



#6
 Bromomethane
 Concen: 10.663 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.013 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion: 94 Resp: 294612
 Ion Ratio Lower Upper
 94 100
 96 92.4 73.7 110.5

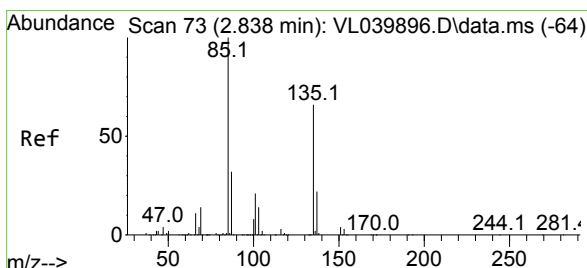
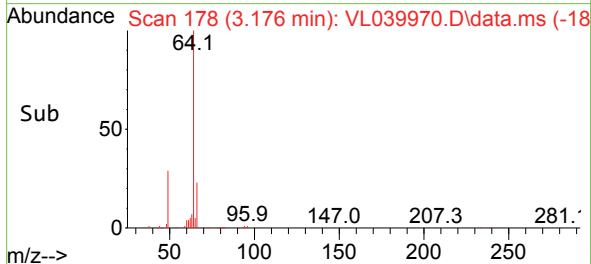
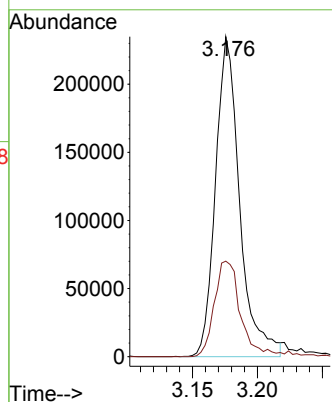
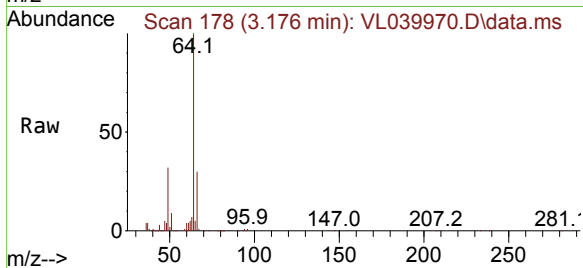




#7
Chloroethane
Concen: 9.466 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

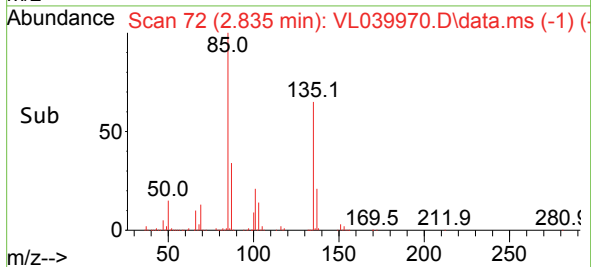
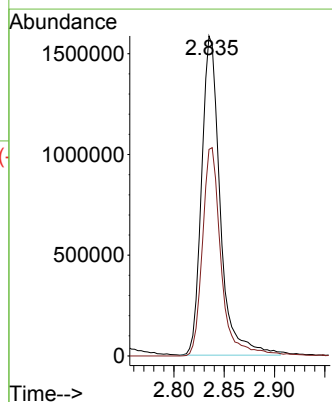
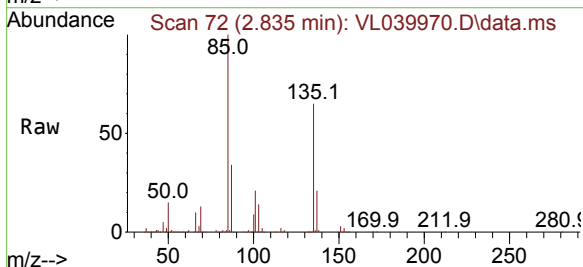
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ClientSampleId :
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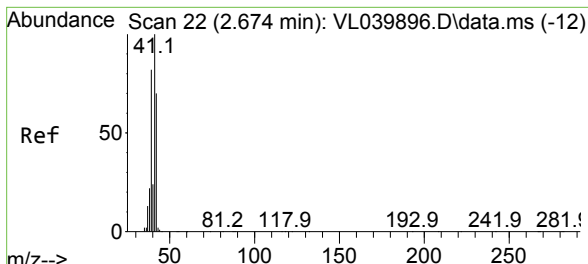
Tgt Ion: 64 Resp: 303083
Ion Ratio Lower Upper
64 100
66 29.8 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 10.584 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.010 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 85 Resp: 2034781
Ion Ratio Lower Upper
85 100
135 66.2 54.1 81.1

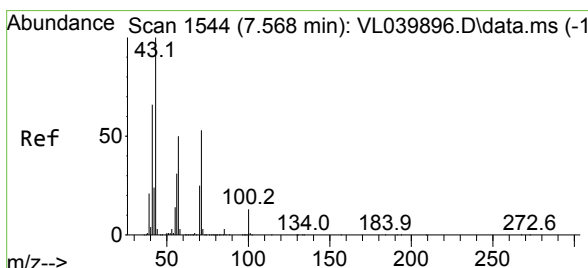
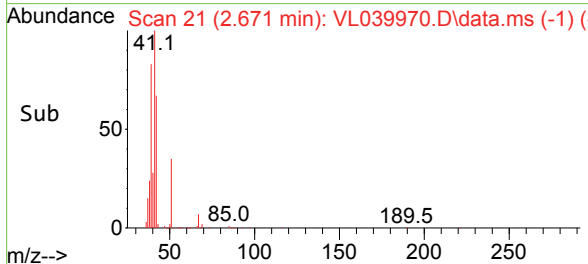
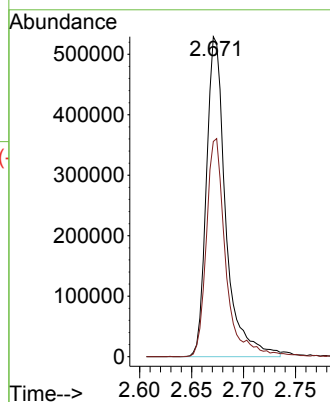
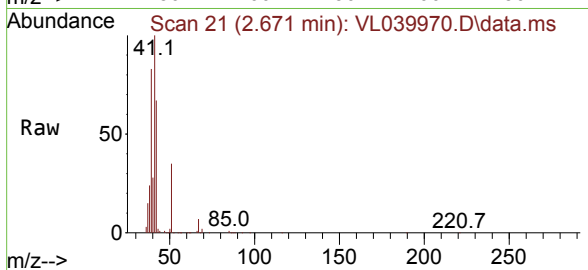




#9
 Propene
 Concen: 8.915 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

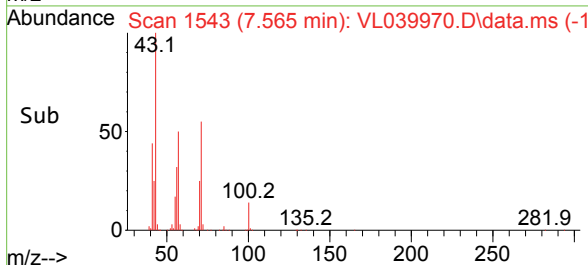
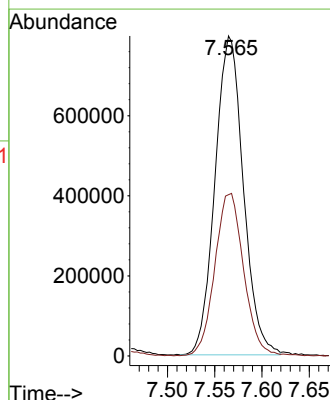
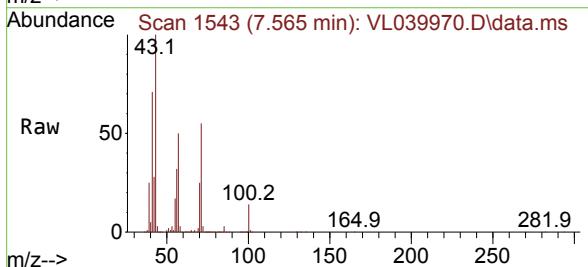
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

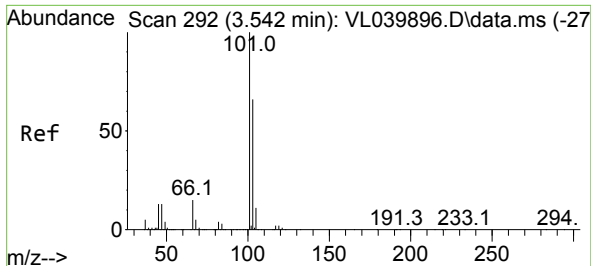
Tgt Ion: 41 Resp: 681242
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.8 83.6



#10
 Heptane
 Concen: 8.999 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. 0.019 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion: 43 Resp: 1659214
 Ion Ratio Lower Upper
 43 100
 57 52.1 40.7 61.1

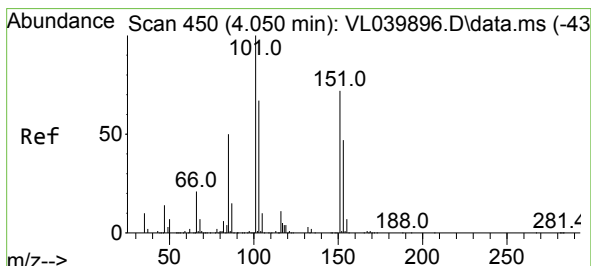
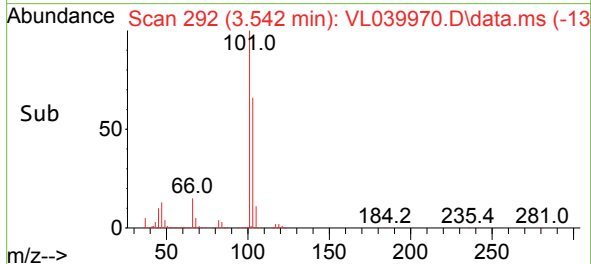
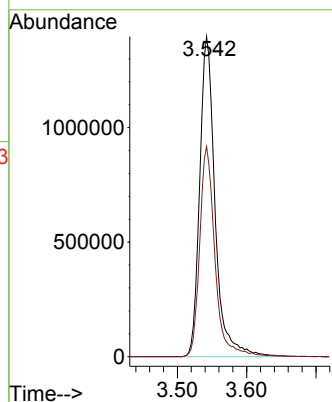
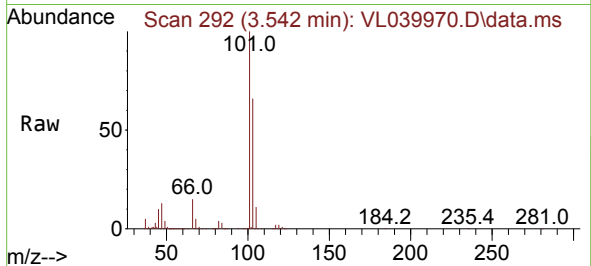




#11
 Trichlorofluoromethane
 Concen: 10.515 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.013 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

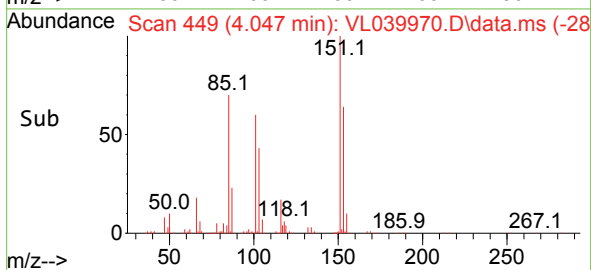
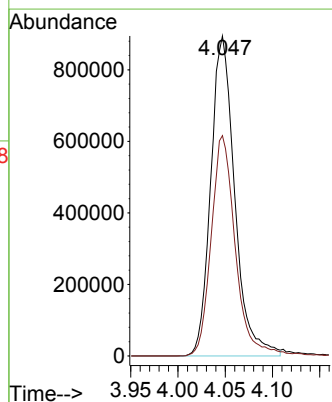
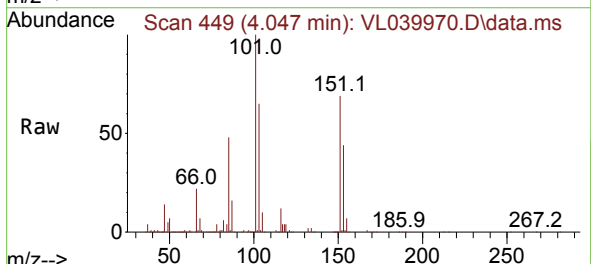
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

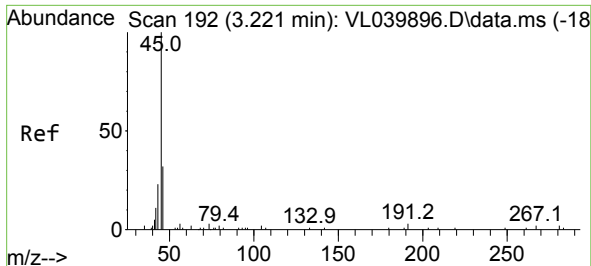
Tgt Ion:101 Resp: 2159280
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.157 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. 0.016 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion:101 Resp: 1578603
 Ion Ratio Lower Upper
 101 100
 151 69.9 59.6 89.4

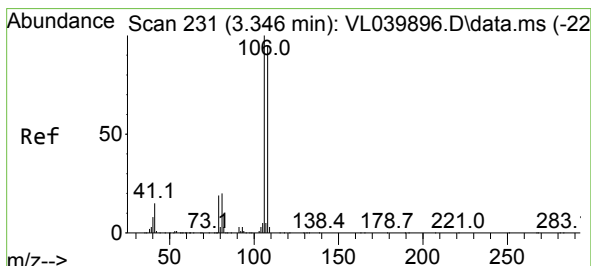
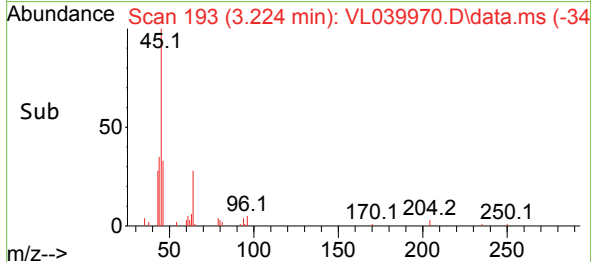
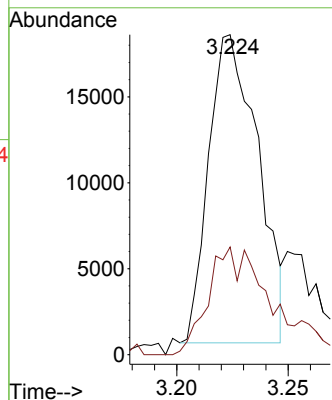
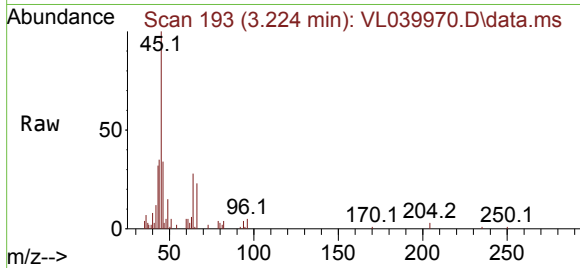




#13
Ethanol
Concen: 4.725 ppbv
RT: 3.224 min Scan# 192
Delta R.T. 0.010 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

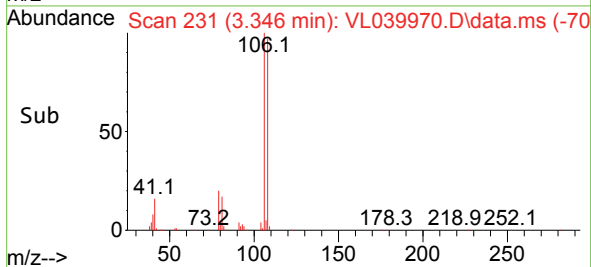
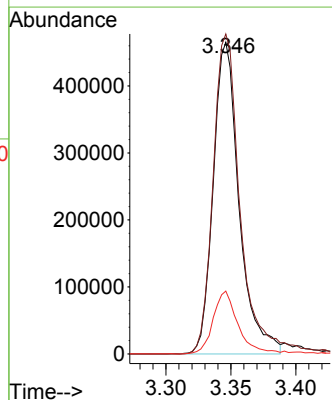
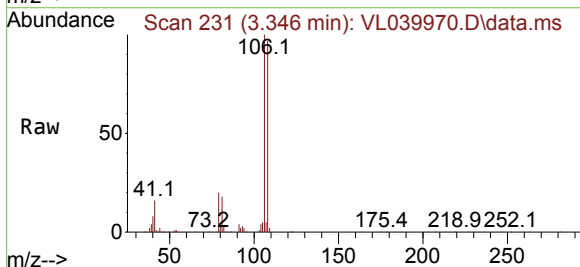
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

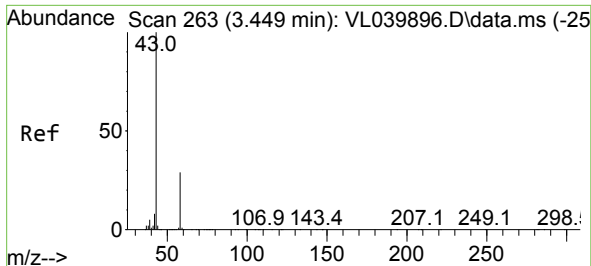
Tgt Ion: 45 Resp: 27568
Ion Ratio Lower Upper
45 100
46 47.7 14.6 58.2



#14
Bromoethene
Concen: 10.630 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.016 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 108 Resp: 644302
Ion Ratio Lower Upper
108 100
106 108.8 87.3 130.9
79 19.9 15.9 23.9

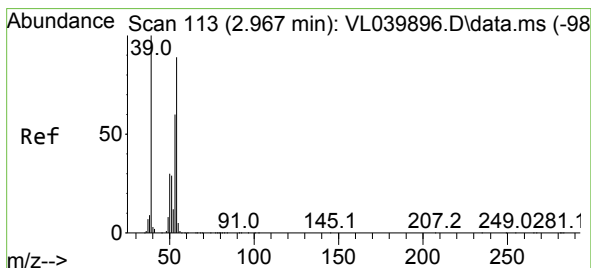
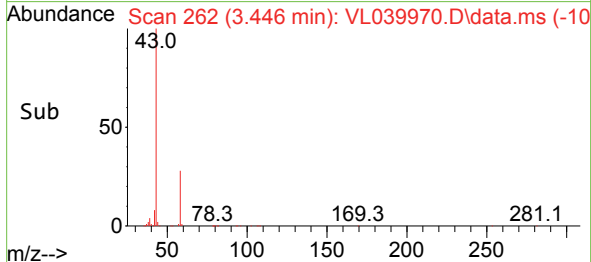
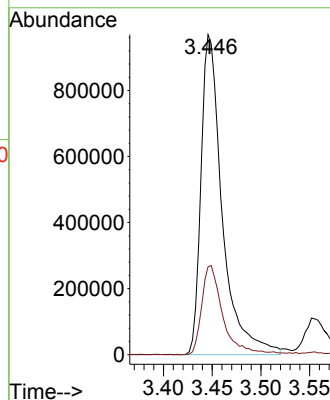
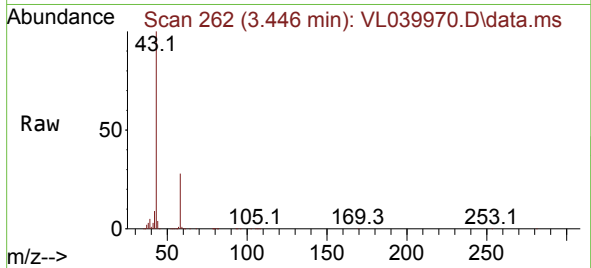




#15
Acetone
Concen: 9.428 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

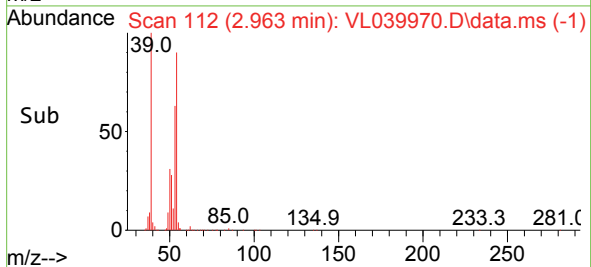
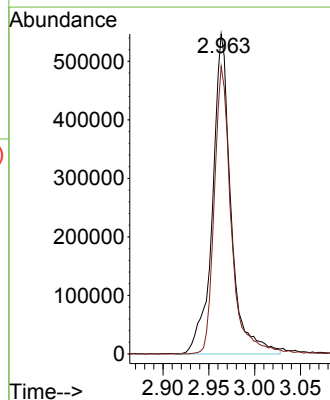
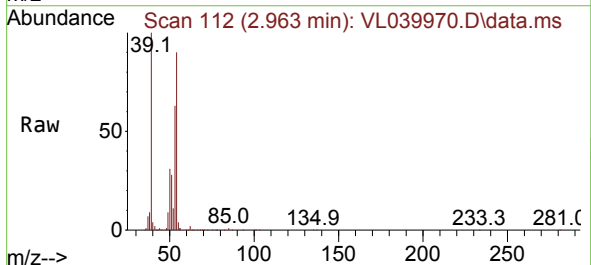
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

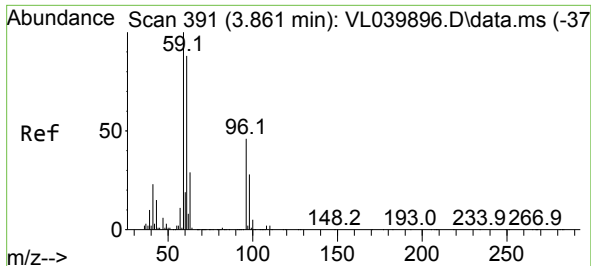
Tgt Ion: 43 Resp: 1470085
Ion Ratio Lower Upper
43 100
58 28.1 22.9 34.3



#16
1,3-Butadiene
Concen: 9.926 ppbv
RT: 2.963 min Scan# 112
Delta R.T. 0.013 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 39 Resp: 771341
Ion Ratio Lower Upper
39 100
54 83.0 66.6 99.8





#17

tert-Butyl alcohol

Concen: 9.314 ppbv

RT: 3.857 min Scan# 391

Delta R.T. 0.013 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

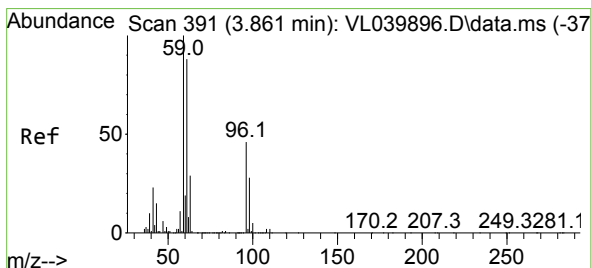
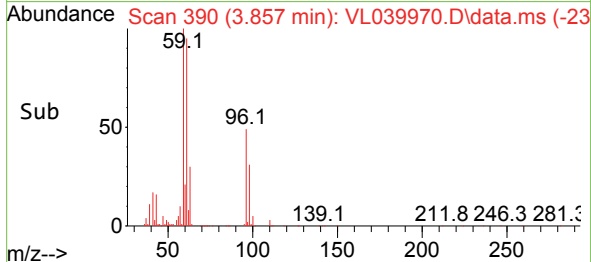
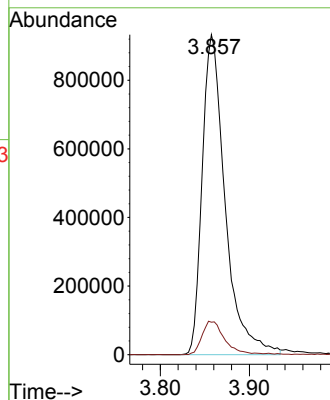
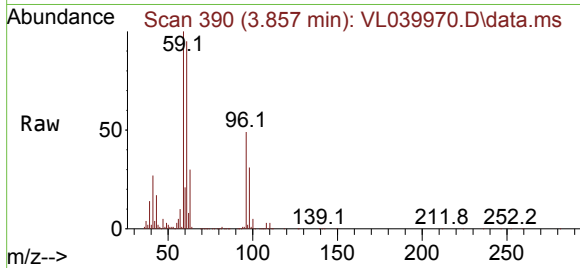
VSTDCCC010

Tgt Ion: 59 Resp: 1669849

Ion Ratio Lower Upper

59 100

57 10.6 8.3 12.5



#18

1,1-Dichloroethene

Concen: 10.160 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.016 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

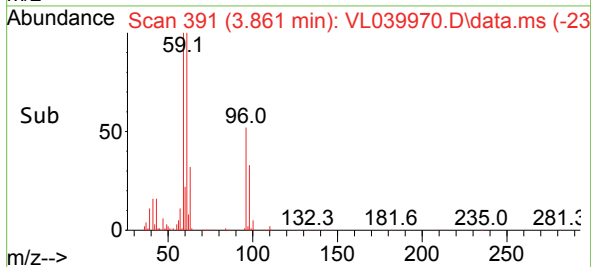
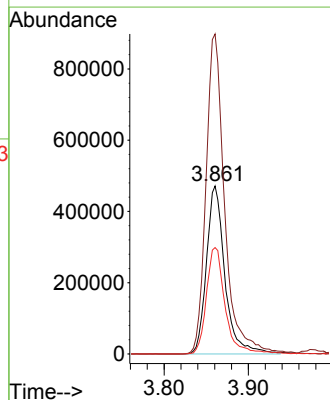
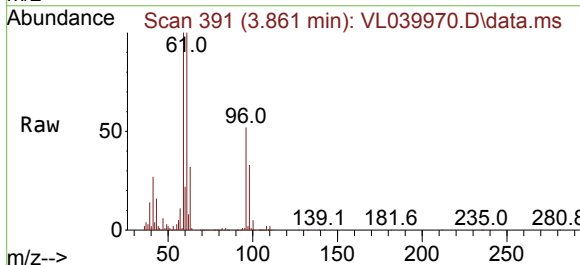
Tgt Ion: 96 Resp: 720311

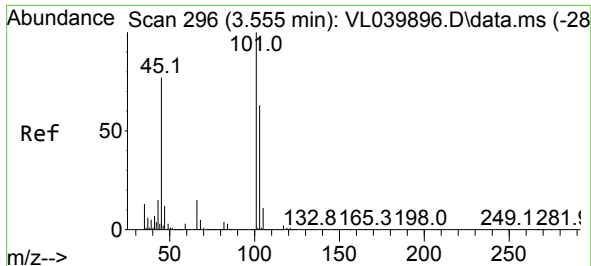
Ion Ratio Lower Upper

96 100

61 190.5 153.4 230.2

98 63.3 48.9 73.3

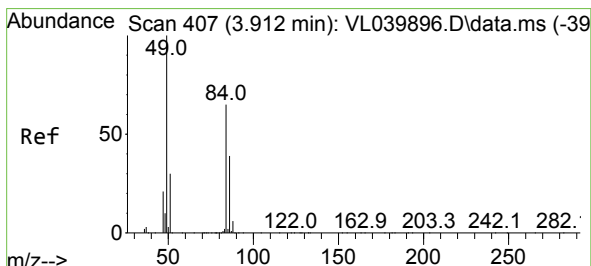
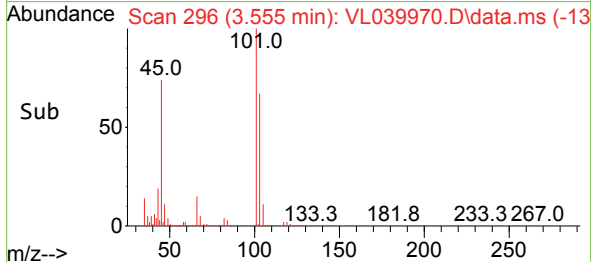
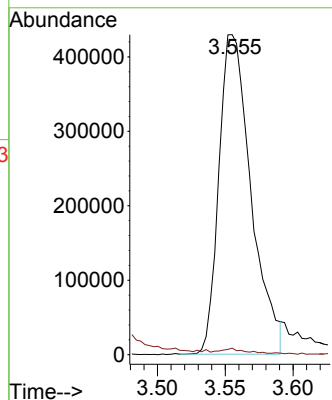
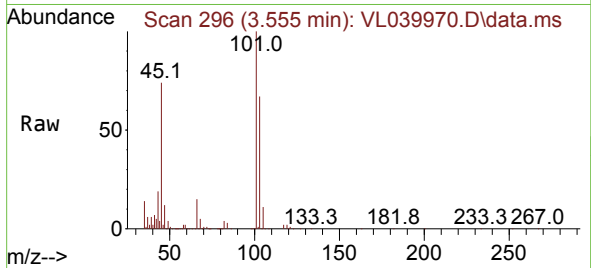




#19
Isopropyl Alcohol
Concen: 8.398 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.013 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

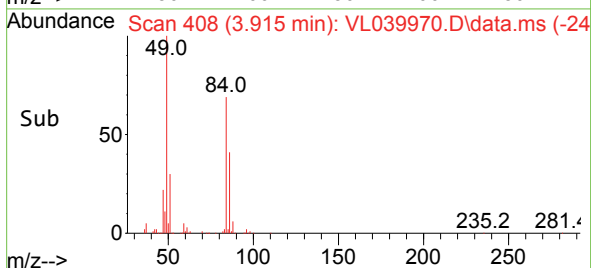
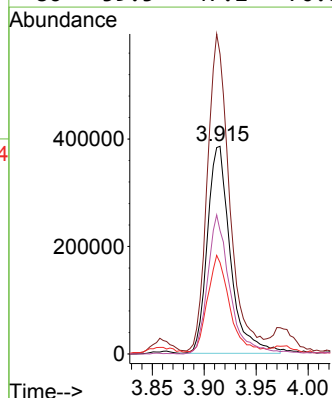
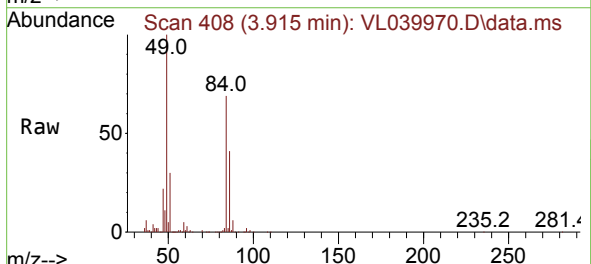
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

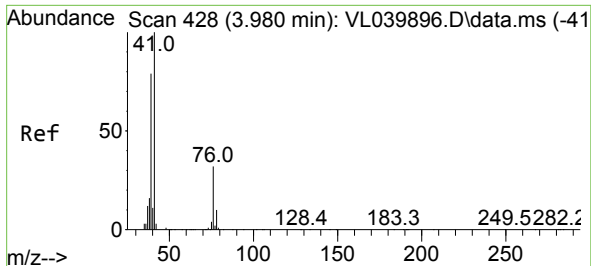
Tgt Ion: 45 Resp: 708963
Ion Ratio Lower Upper
45 100
58 2.0 38.7 58.1#



#20
Methylene Chloride
Concen: 7.858 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 84 Resp: 593590
Ion Ratio Lower Upper
84 100
49 143.0 122.2 183.4
51 42.6 36.3 54.5
86 59.5 47.2 70.8

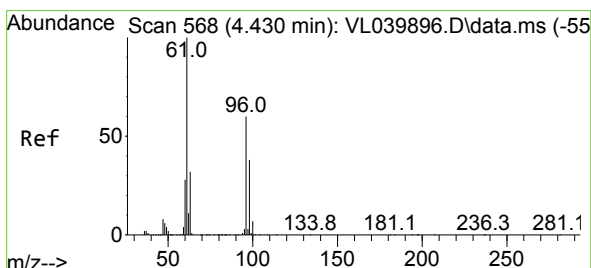
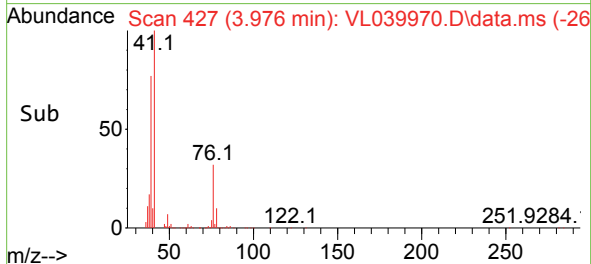
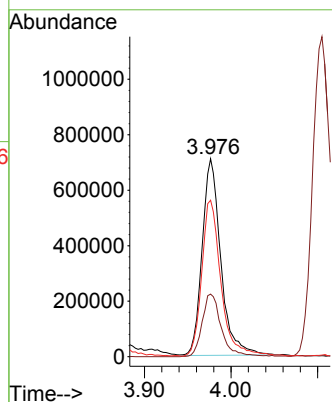
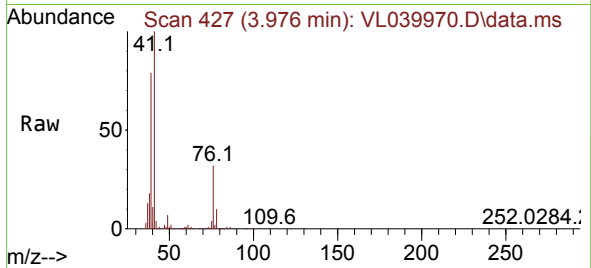




#21
 Allyl Chloride
 Concen: 9.830 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

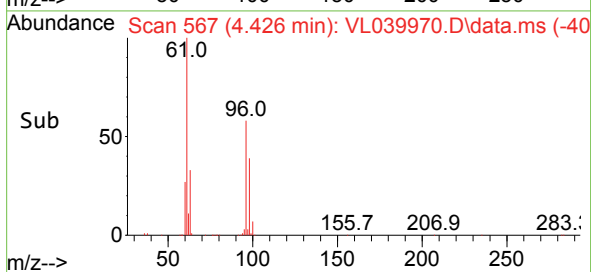
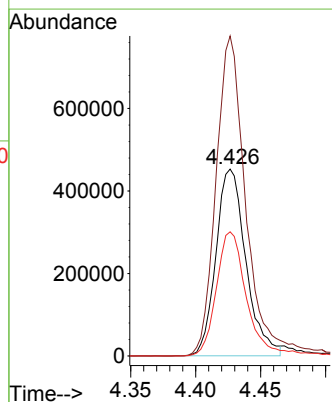
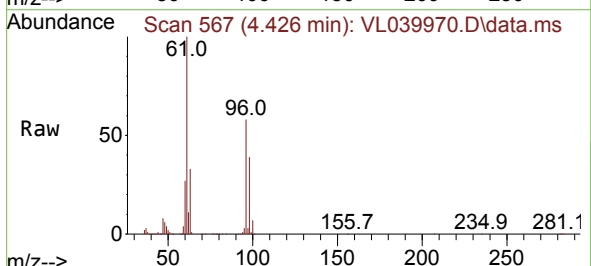
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

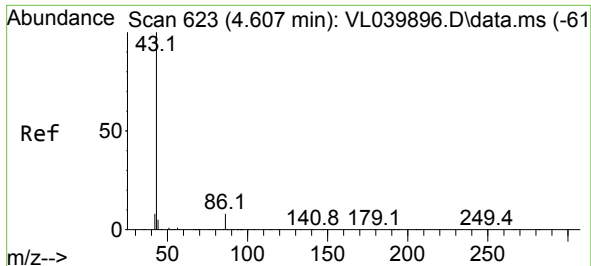
Tgt Ion: 41 Resp: 1063255
 Ion Ratio Lower Upper
 41 100
 76 32.8 25.6 38.4
 39 81.5 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 10.070 ppbv
 RT: 4.426 min Scan# 567
 Delta R.T. 0.016 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion: 96 Resp: 726046
 Ion Ratio Lower Upper
 96 100
 61 171.3 134.1 201.1
 98 66.5 50.4 75.6



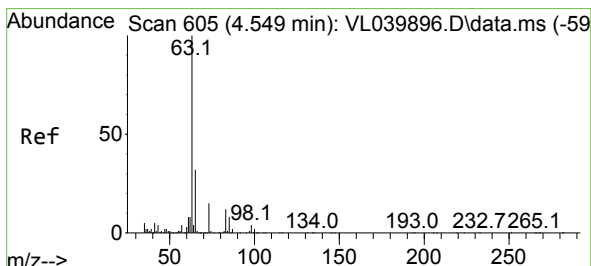
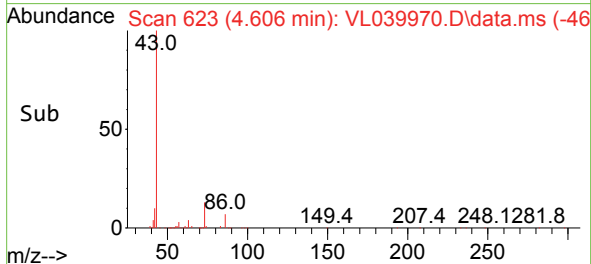
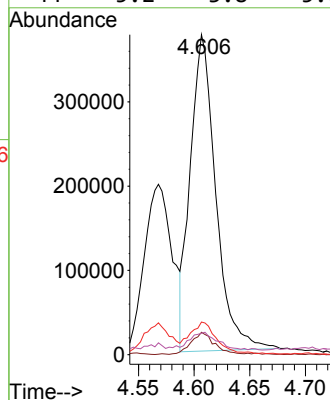
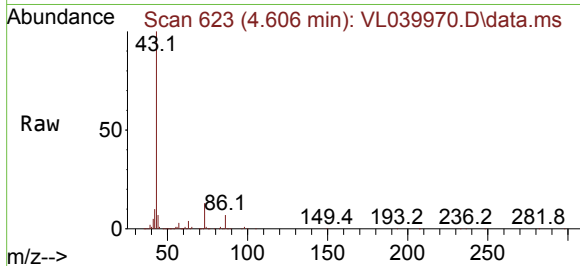


#23
 Vinyl Acetate
 Concen: 9.325 ppbv
 RT: 4.606 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 597332

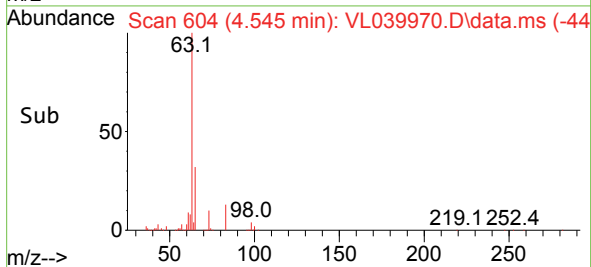
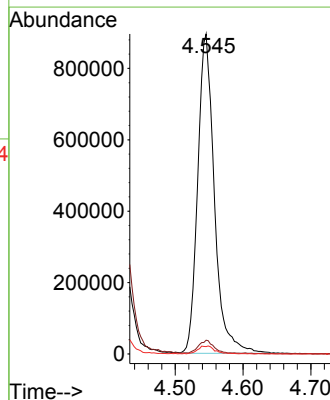
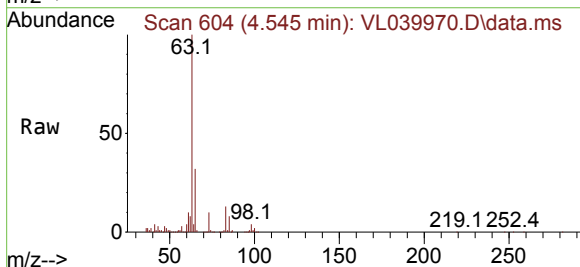
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.0	7.4
42	10.2	7.6	11.4
44	5.2	3.8	5.6

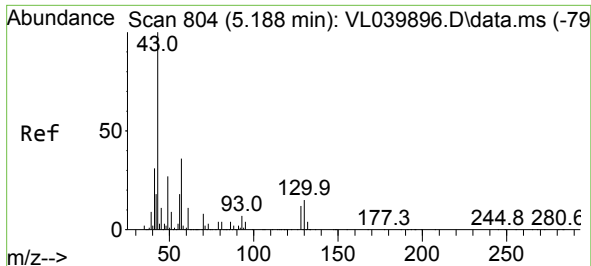


#24
 1,1-Dichloroethane
 Concen: 9.887 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. 0.016 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion: 63 Resp: 1527157

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.3	1.1	3.5



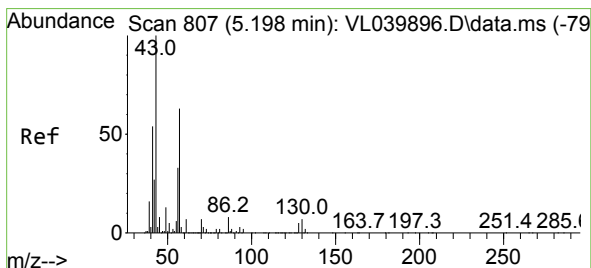
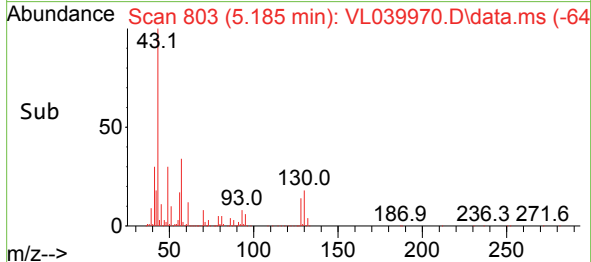
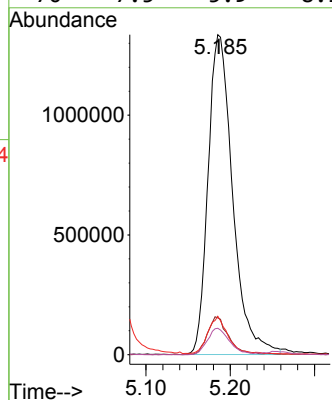
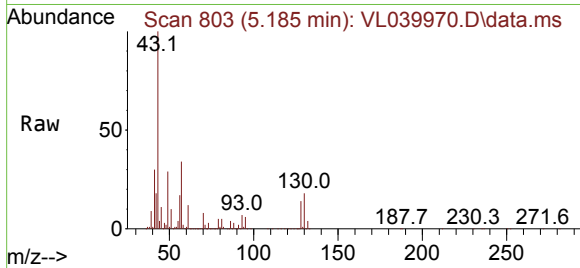


#25
Ethyl Acetate
Concen: 9.466 ppbv
RT: 5.185 min Scan# 804
Delta R.T. 0.016 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2709989

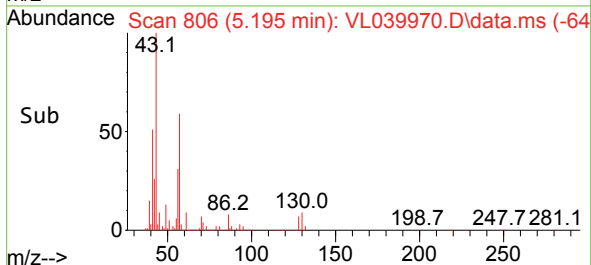
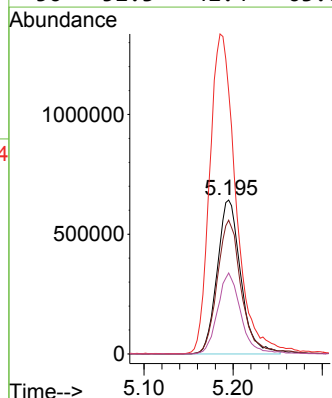
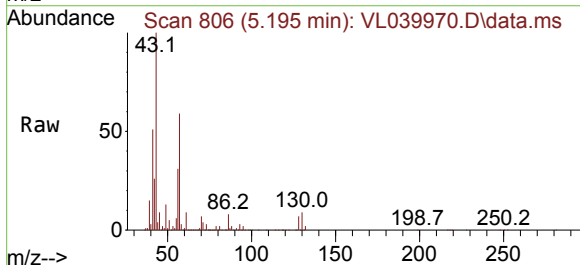
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.4	12.6
61	10.0	8.5	12.7
70	7.5	5.9	8.9

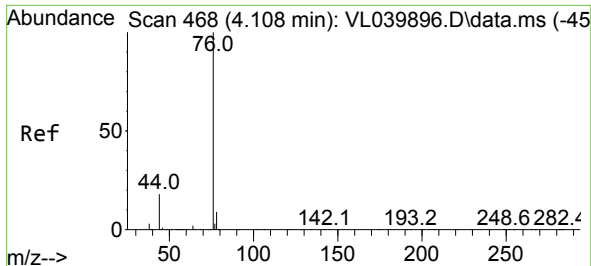


#26
Hexane
Concen: 9.431 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 57 Resp: 1179490

Ion	Ratio	Lower	Upper
57	100		
41	89.9	72.3	108.5
43	232.3	188.7	283.1
56	52.3	42.4	63.6

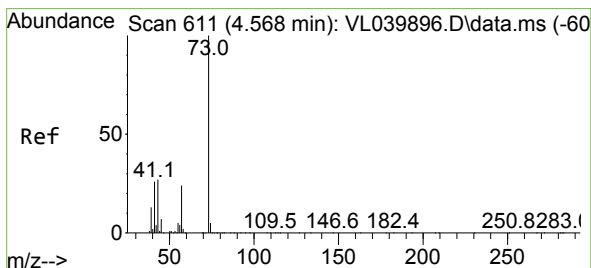
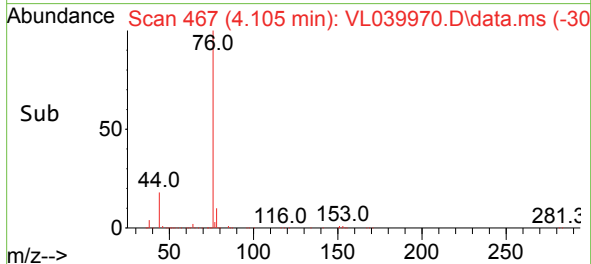
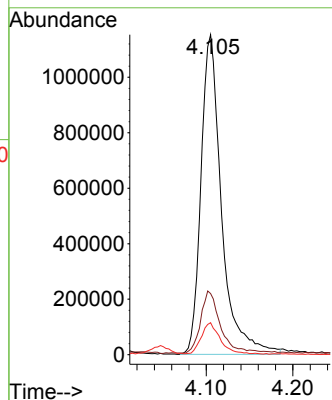
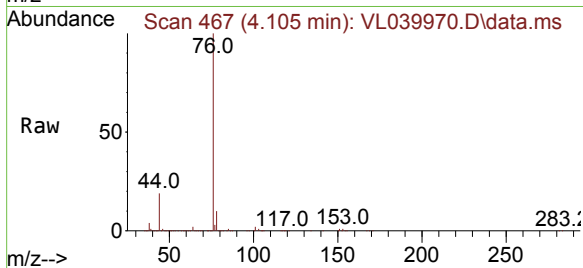




#27
Carbon Disulfide
Concen: 12.061 ppbv
RT: 4.105 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

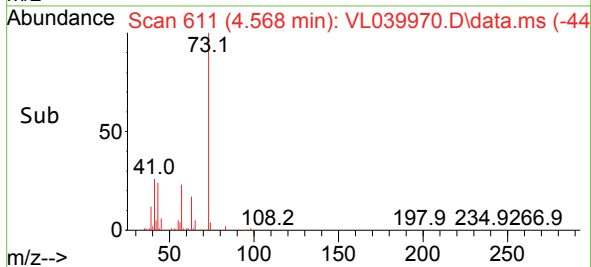
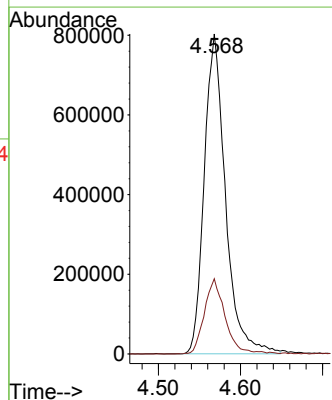
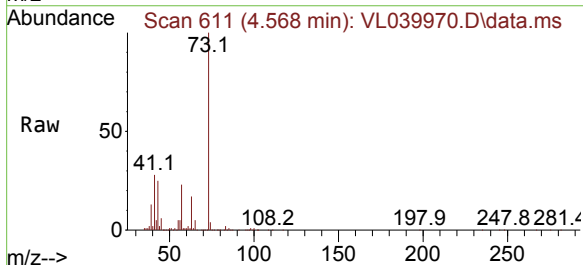
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

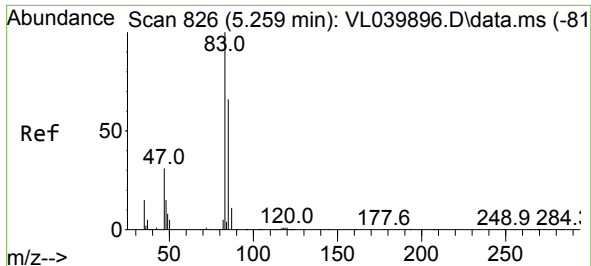
Tgt Ion: 76 Resp: 1904235
Ion Ratio Lower Upper
76 100
44 19.5 14.7 22.1
78 9.8 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.214 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 73 Resp: 1442688
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3





#29

Chloroform

Concen: 12.566 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.019 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

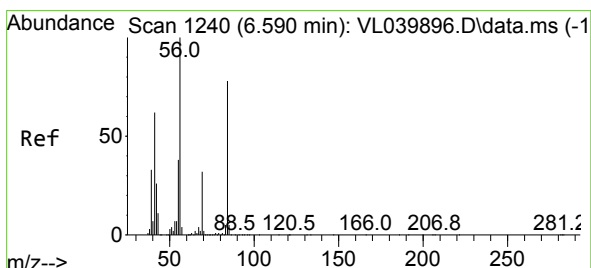
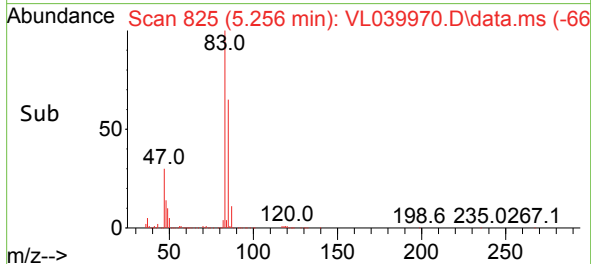
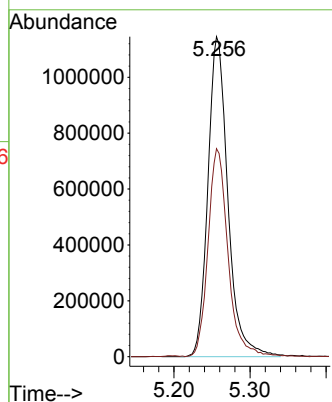
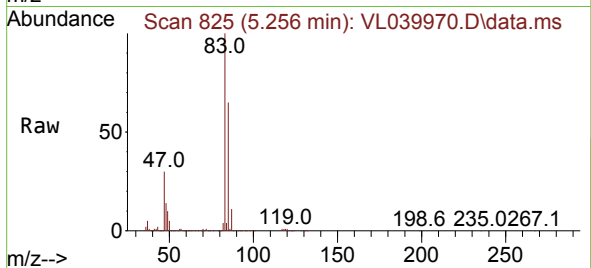
VSTDCCC010

Tgt Ion: 83 Resp: 2088409

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6



#30

Cyclohexane

Concen: 9.083 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.023 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

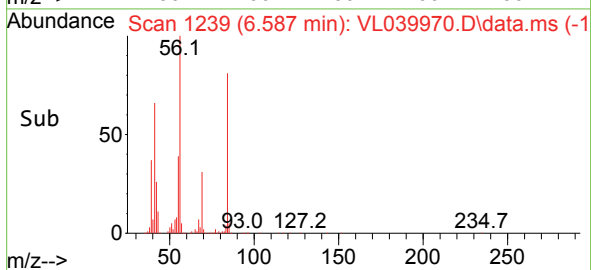
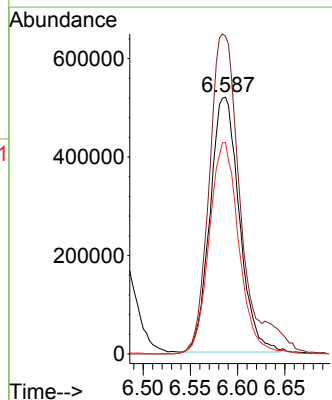
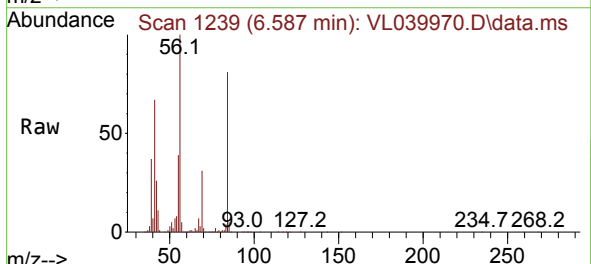
Tgt Ion: 84 Resp: 1114751

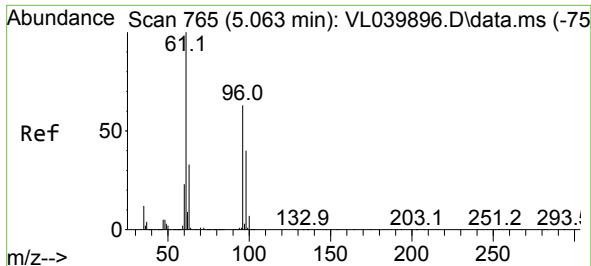
Ion Ratio Lower Upper

84 100

56 136.1 112.5 168.7

41 84.0 67.8 101.8

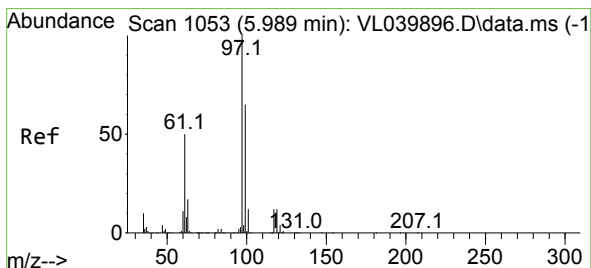
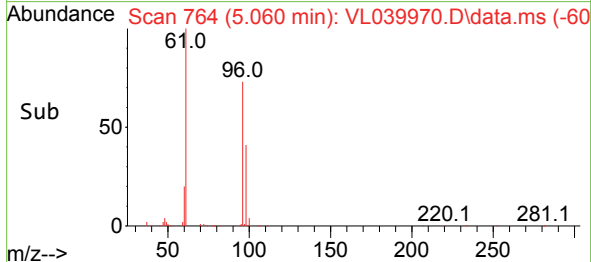
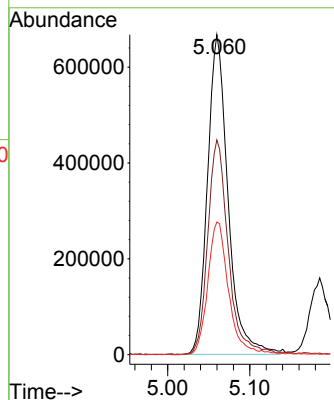
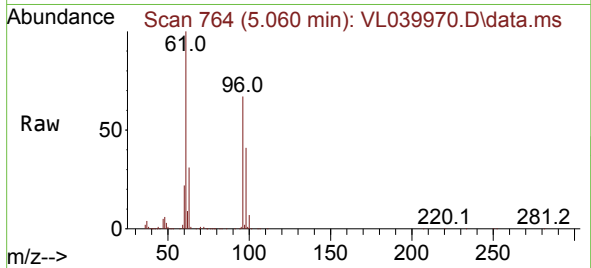




#31
 cis-1,2-Dichloroethene
 Concen: 10.014 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.019 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

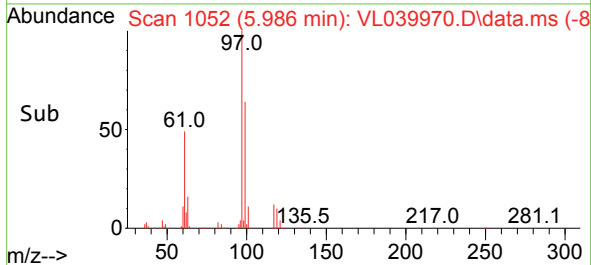
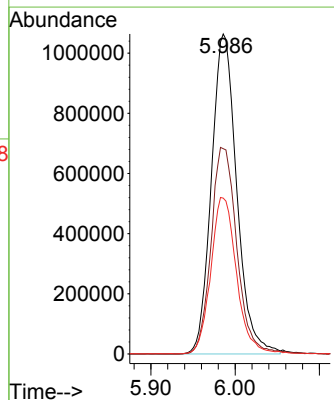
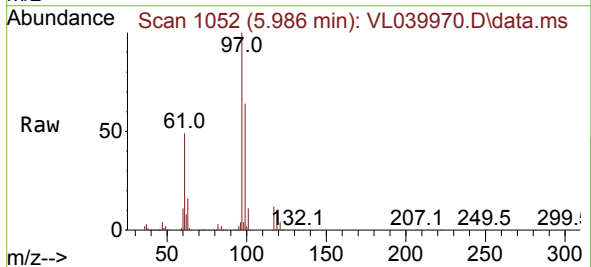
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

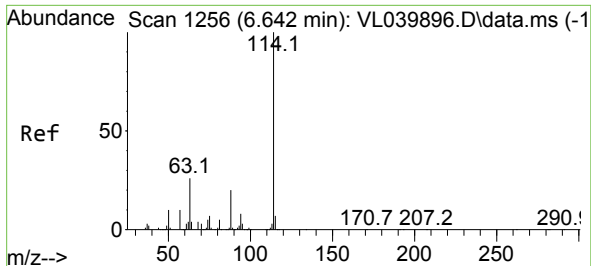
Tgt Ion: 61 Resp: 1157005
 Ion Ratio Lower Upper
 61 100
 96 67.1 50.3 75.5
 98 41.5 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 10.711 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.019 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion: 97 Resp: 2223277
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.4 77.0
 61 49.8 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1

Delta R.T. 0.019 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

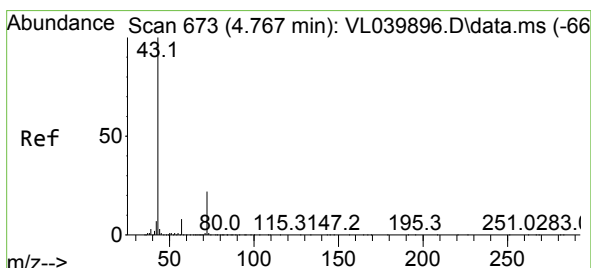
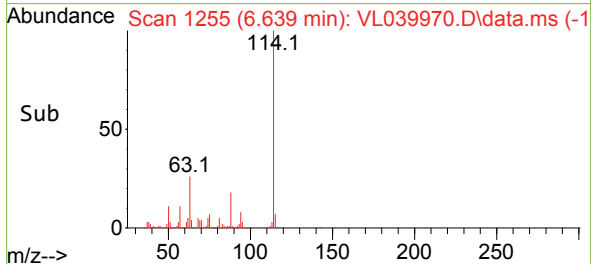
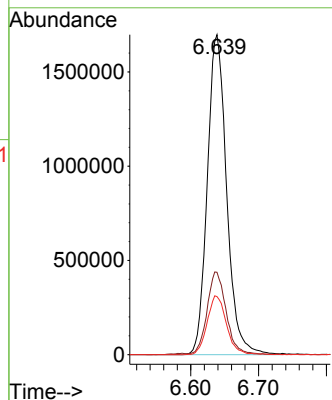
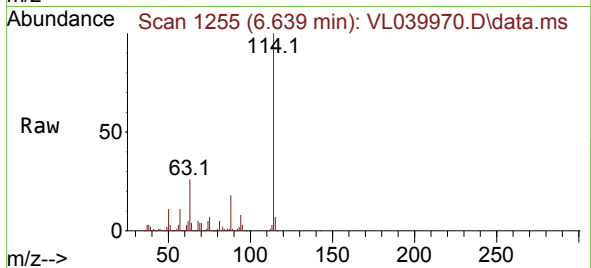
Tgt Ion:114 Resp: 3364467

Ion Ratio Lower Upper

114 100

63 26.0 21.4 32.0

88 18.4 15.3 22.9



#34

2-Butanone

Concen: 9.925 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.016 min

Lab File: VL039970.D

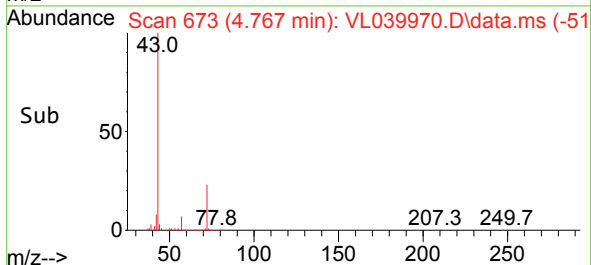
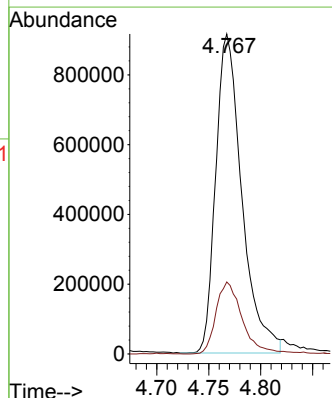
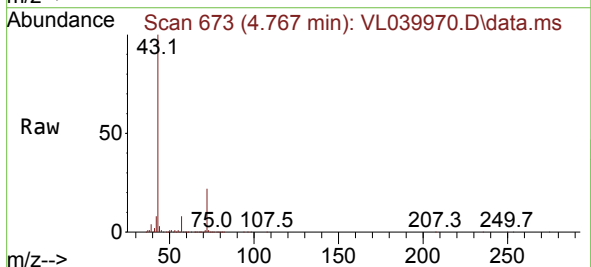
Acq: 12 Dec 2022 10:37

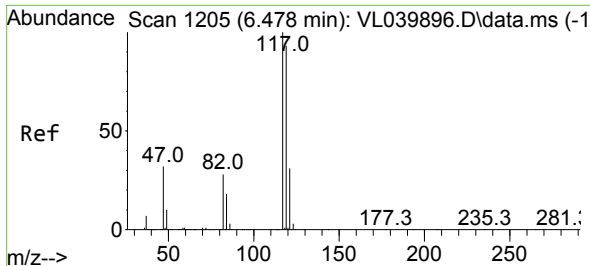
Tgt Ion: 43 Resp: 1597856

Ion Ratio Lower Upper

43 100

72 23.2 17.4 26.2

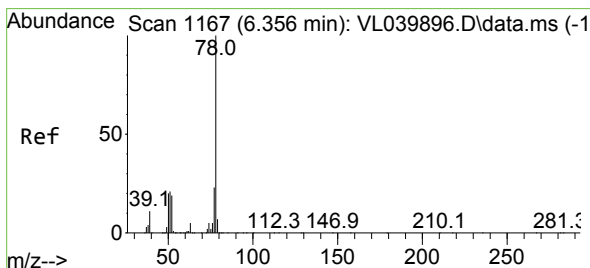
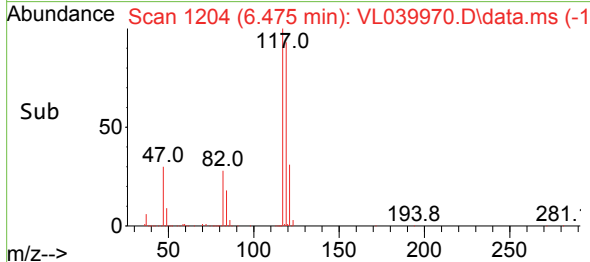
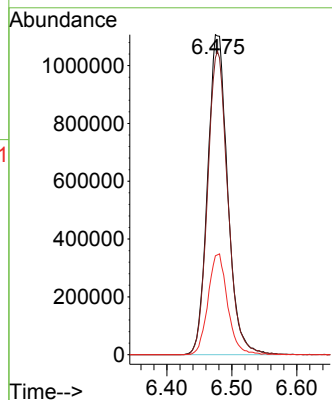
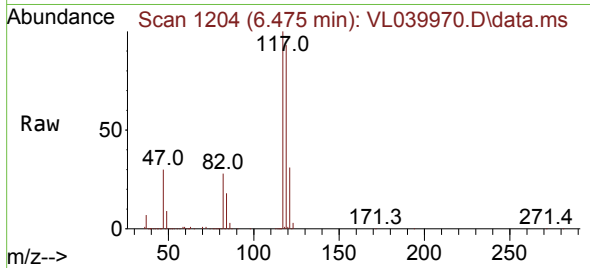




#35
Carbon Tetrachloride
Concen: 12.451 ppbv
RT: 6.475 min Scan# 117
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

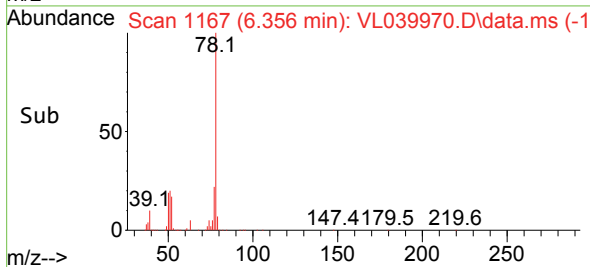
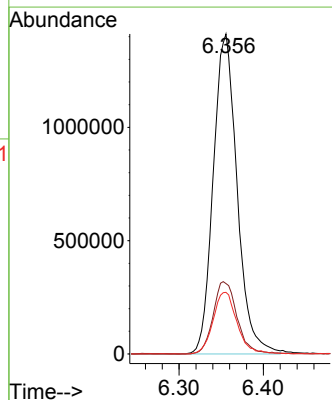
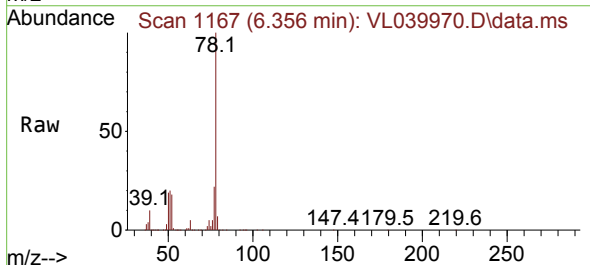
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

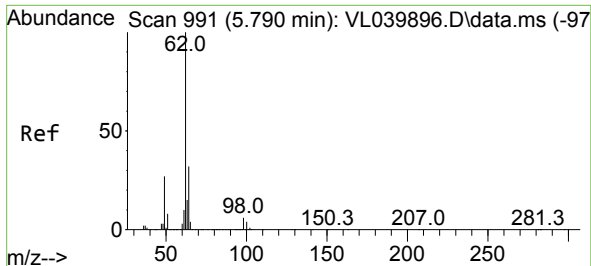
Tgt Ion:117 Resp: 2379111
Ion Ratio Lower Upper
117 100
119 92.8 74.7 112.1
121 30.9 24.5 36.7



#36
Benzene
Concen: 9.705 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 78 Resp: 2775520
Ion Ratio Lower Upper
78 100
77 22.0 18.2 27.2
50 19.2 15.8 23.8

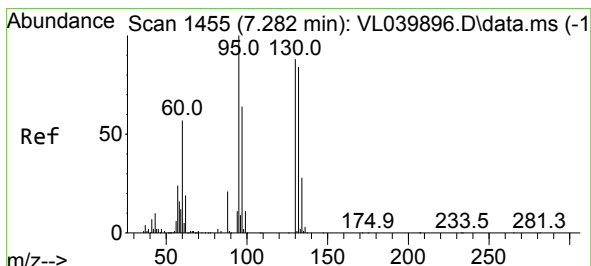
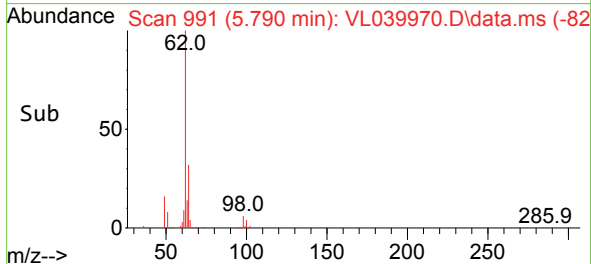
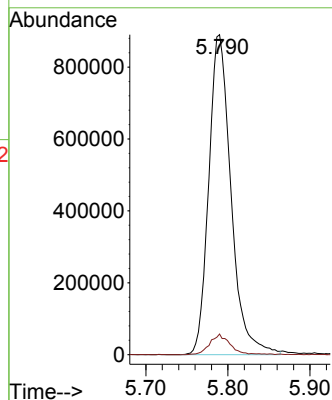
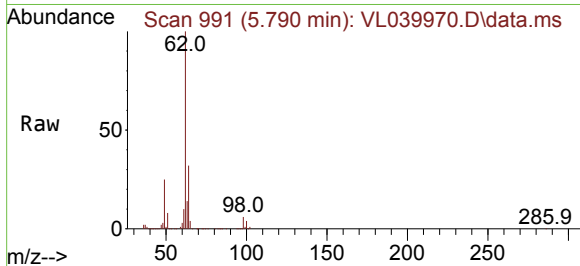




#37
1,2-Dichloroethane
Concen: 10.735 ppbv
RT: 5.790 min Scan# 991
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

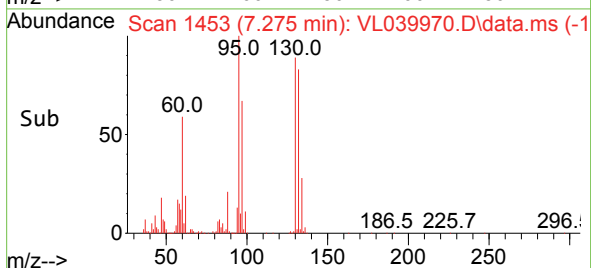
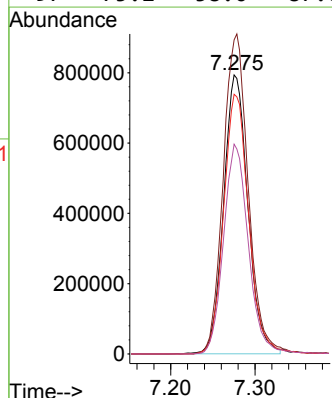
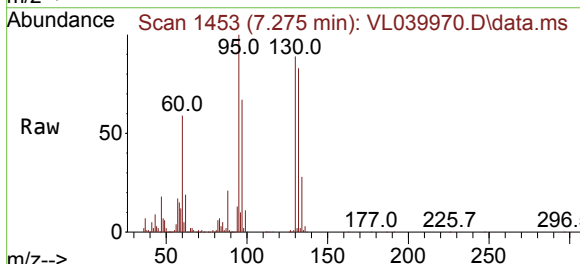
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

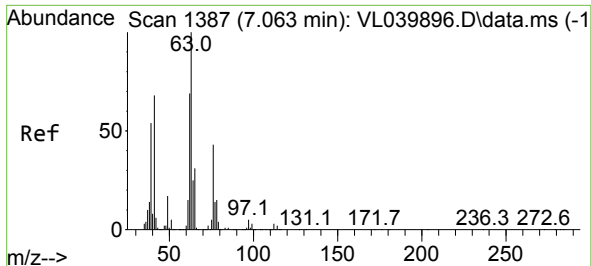
Tgt Ion: 62 Resp: 1682400
Ion Ratio Lower Upper
62 100
98 6.0 5.0 7.6



#38
Trichloroethene
Concen: 9.923 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion:130 Resp: 1586376
Ion Ratio Lower Upper
130 100
95 112.6 90.6 135.8
132 93.1 76.2 114.4
97 75.2 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.693 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.026 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

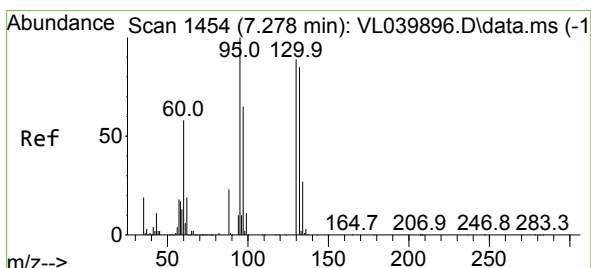
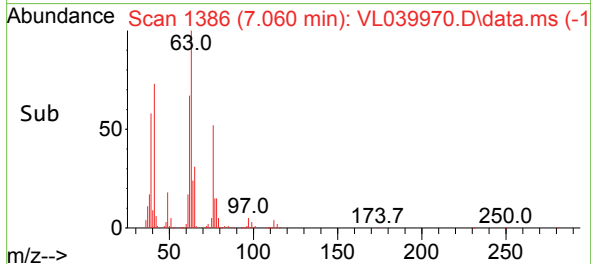
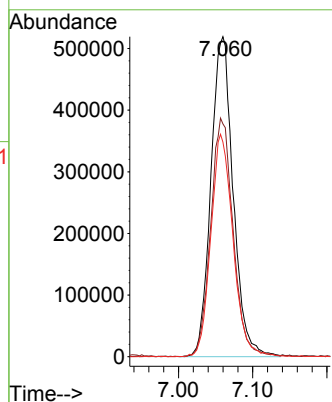
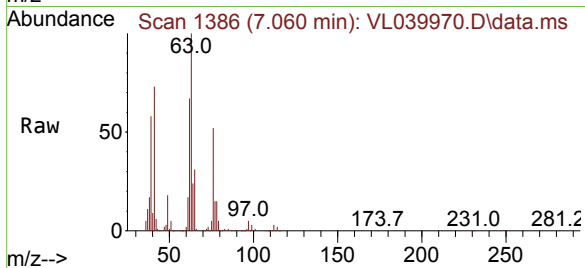
Tgt Ion: 63 Resp: 1079989

Ion Ratio Lower Upper

63 100

41 72.7 54.7 82.1

62 67.1 55.0 82.6



#40

1,4-Dioxane

Concen: 9.018 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.023 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Tgt Ion: 88 Resp: 400262

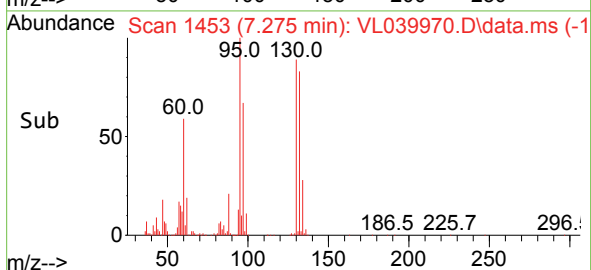
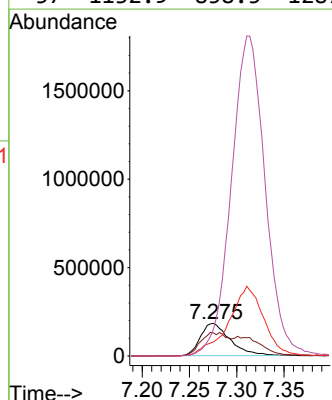
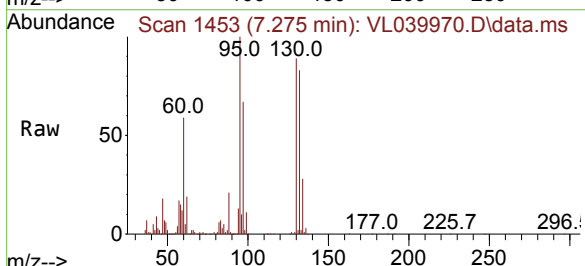
Ion Ratio Lower Upper

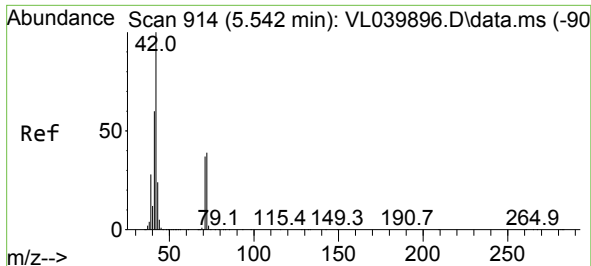
88 100

58 123.2 100.5 150.7

43 255.9 195.8 293.8

57 1132.9 858.5 1287.7





#41

Tetrahydrofuran

Concen: 9.462 ppbv

RT: 5.542 min Scan# 914

Delta R.T. 0.023 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

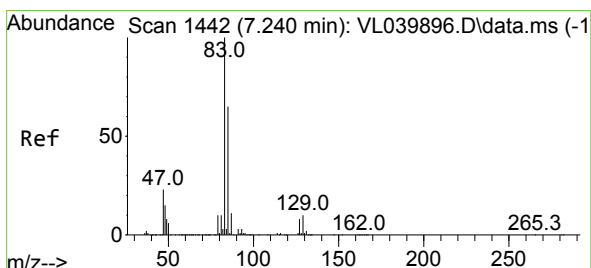
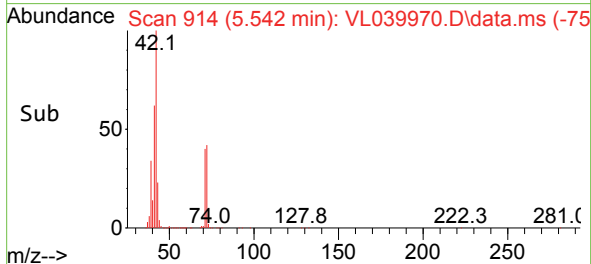
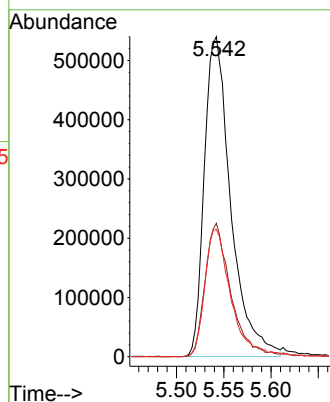
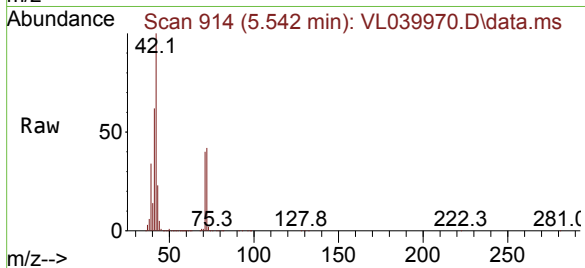
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 1051573

Ion	Ratio	Lower	Upper
42	100		
72	41.2	31.6	47.4
71	39.5	31.2	46.8



#42

Bromodichloromethane

Concen: 11.830 ppbv

RT: 7.233 min Scan# 1440

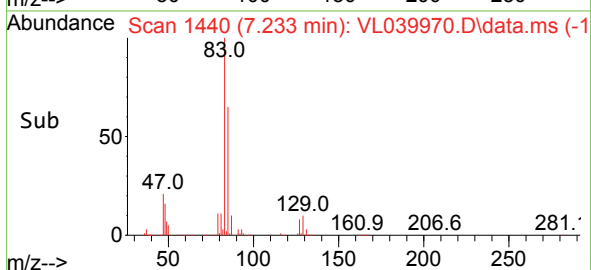
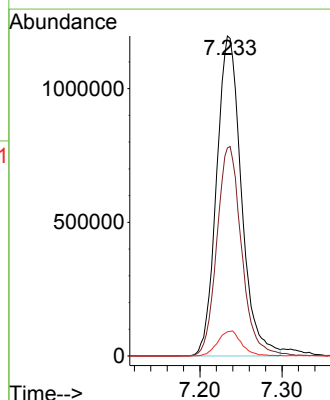
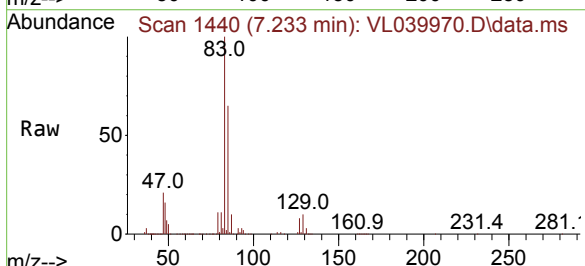
Delta R.T. 0.023 min

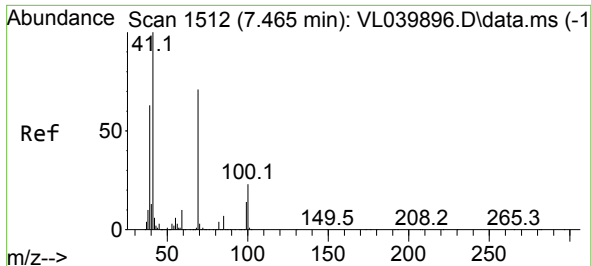
Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Tgt Ion: 83 Resp: 2514273

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0
127	7.6	6.5	9.7



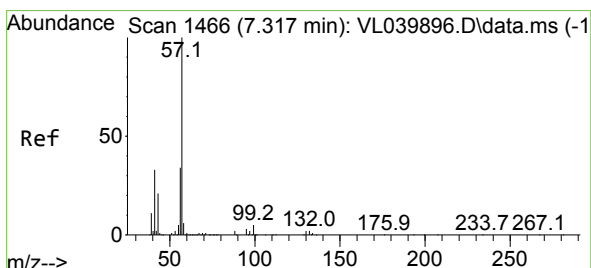
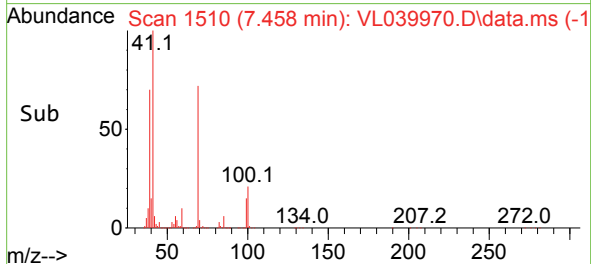
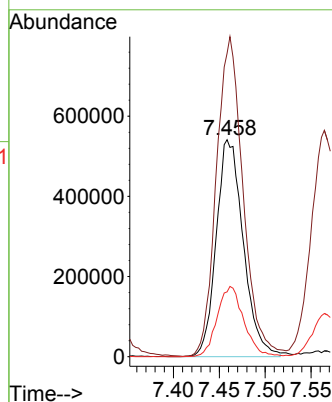
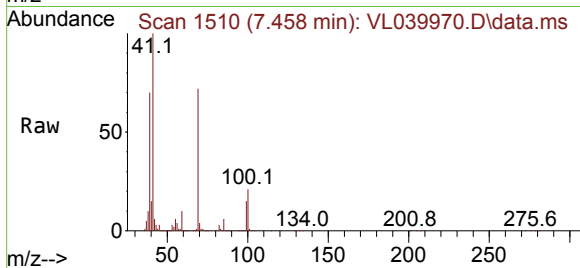


#43
Methyl Methacrylate
Concen: 9.892 ppbv
RT: 7.458 min Scan# 1109065
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1109065

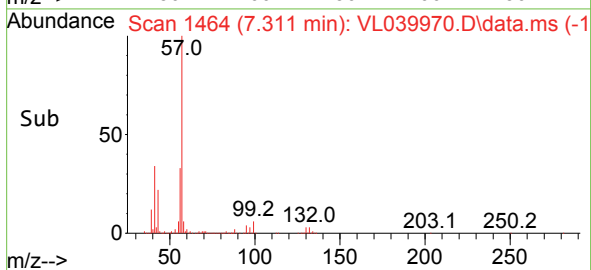
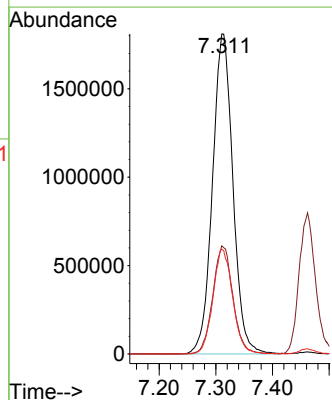
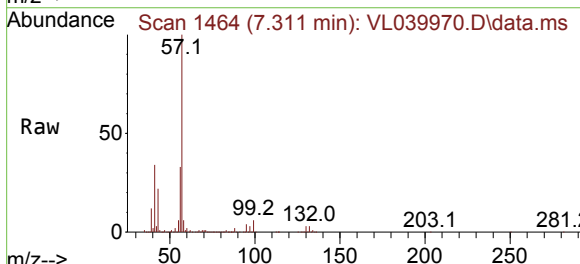
Ion	Ratio	Lower	Upper
69	100		
41	145.5	116.4	174.6
100	31.9	26.8	40.2

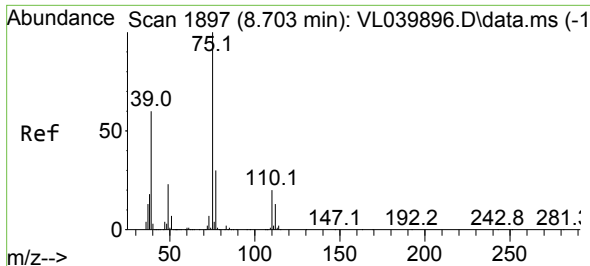


#44
2,2,4-Trimethylpentane
Concen: 9.495 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 57 Resp: 4532834

Ion	Ratio	Lower	Upper
57	100		
41	33.1	26.2	39.2
56	31.7	25.5	38.3

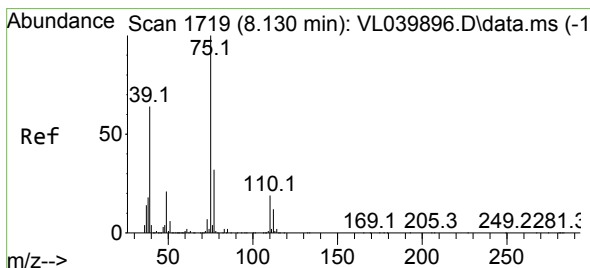
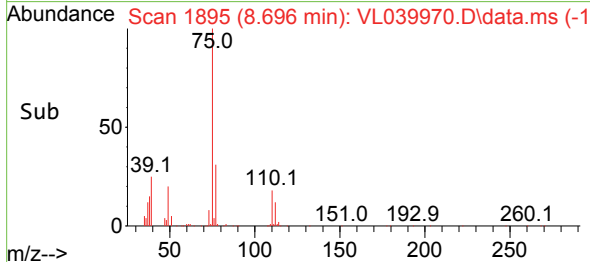
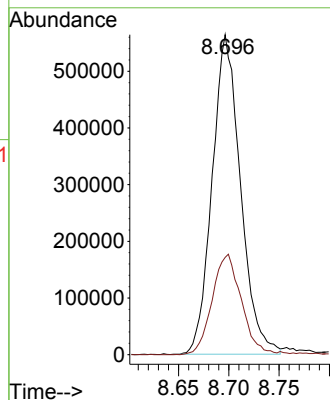
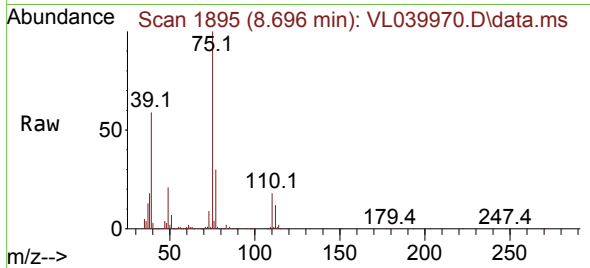




#45
t-1,3-Dichloropropene
Concen: 10.681 ppbv
RT: 8.696 min Scan# 1895
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

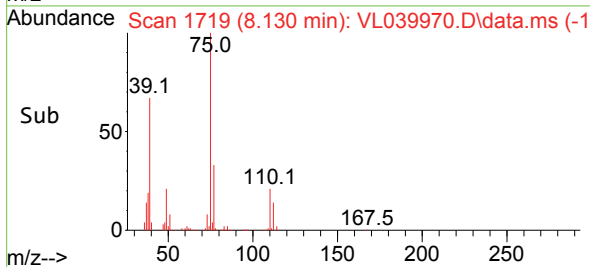
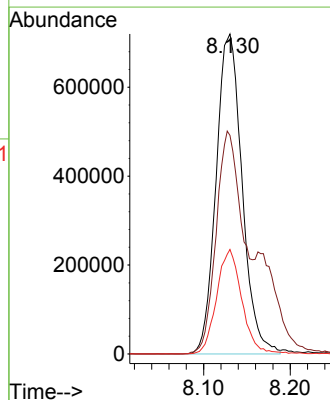
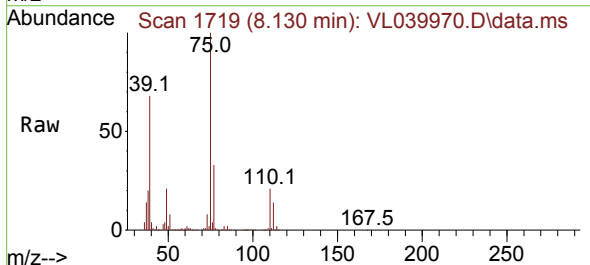
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

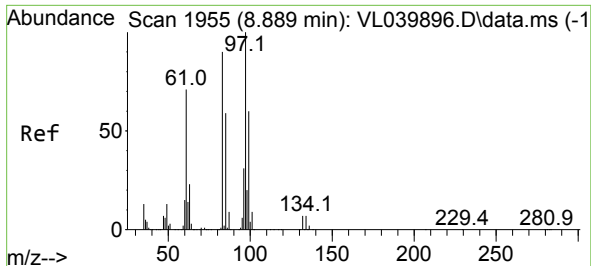
Tgt Ion: 75 Resp: 1106471
Ion Ratio Lower Upper
75 100
77 30.4 24.2 36.4



#46
cis-1,3-Dichloropropene
Concen: 10.472 ppbv
RT: 8.130 min Scan# 1719
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 75 Resp: 1502767
Ion Ratio Lower Upper
75 100
39 68.3 51.0 76.4
77 32.7 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 10.084 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. 0.023 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 1154735

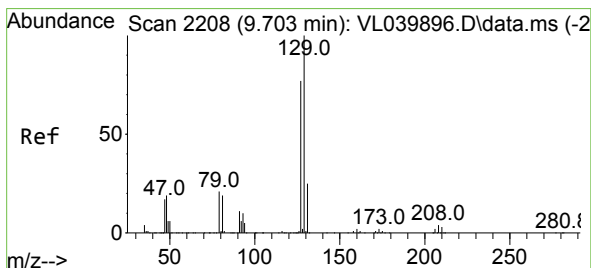
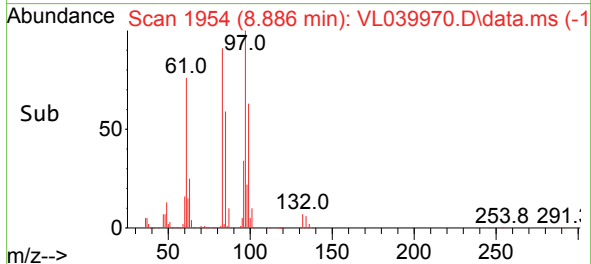
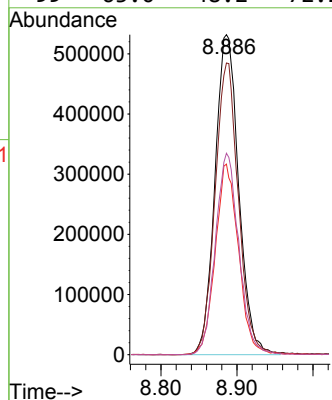
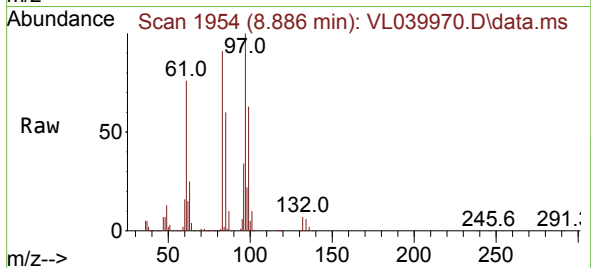
Ion Ratio Lower Upper

97 100

83 91.1 72.1 108.1

85 59.5 47.2 70.8

99 63.0 48.2 72.2



#48

Dibromochloromethane

Concen: 12.367 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. 0.023 min

Lab File: VL039970.D

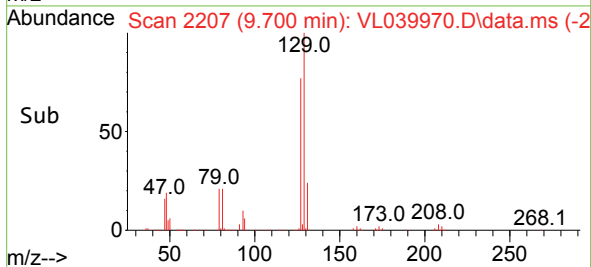
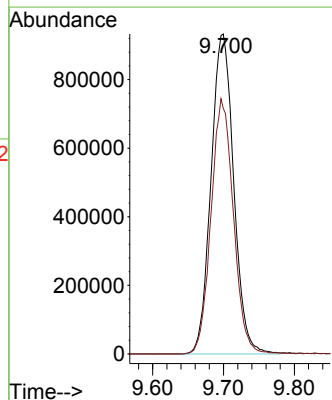
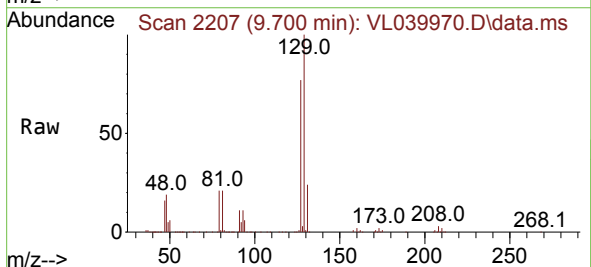
Acq: 12 Dec 2022 10:37

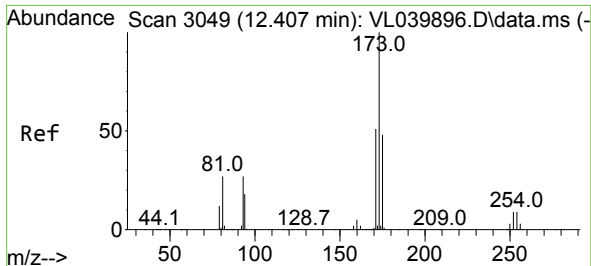
Tgt Ion: 129 Resp: 2074239

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.3

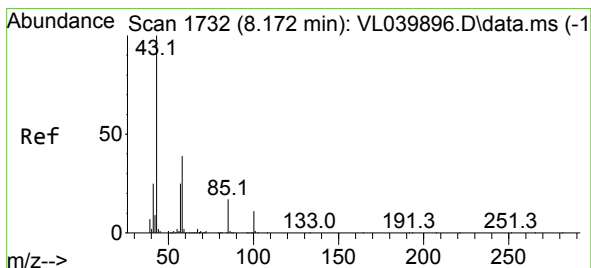
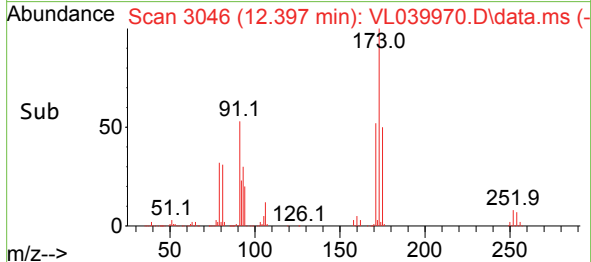
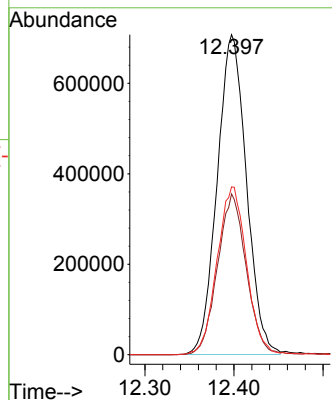
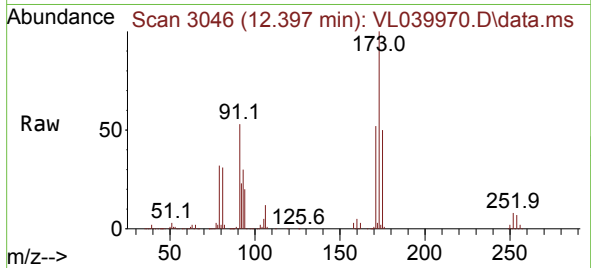




#49
Bromoform
Concen: 11.882 ppbv
RT: 12.397 min Scan# 3049
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

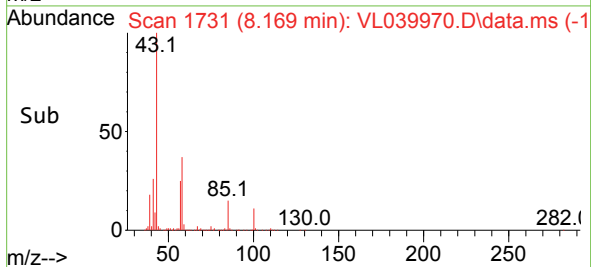
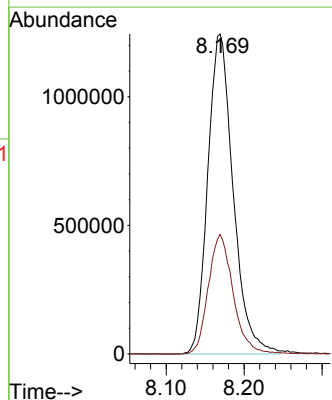
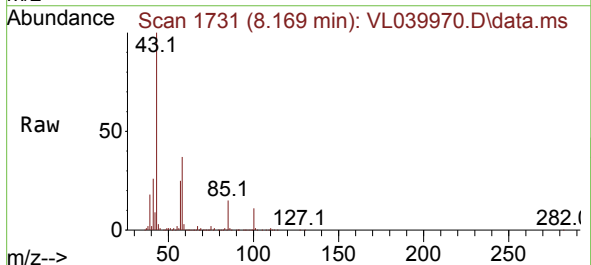
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

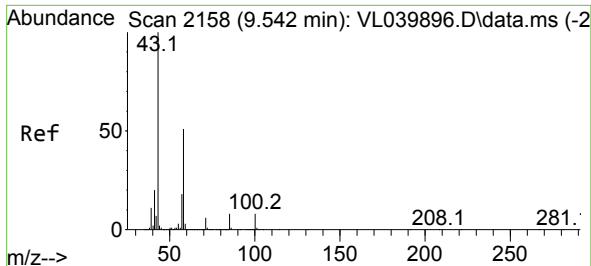
Tgt Ion:173 Resp: 1613200
Ion Ratio Lower Upper
173 100
175 49.7 39.1 58.7
171 53.1 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 9.753 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 43 Resp: 2812061
Ion Ratio Lower Upper
43 100
58 36.6 29.8 44.6

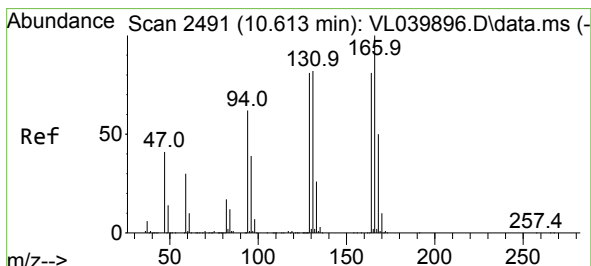
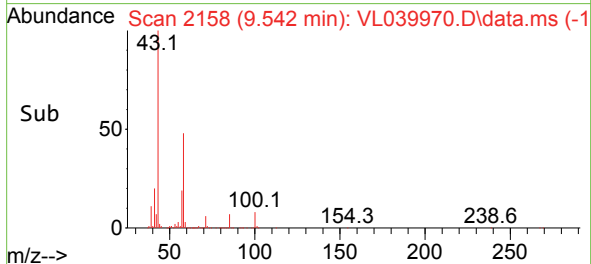
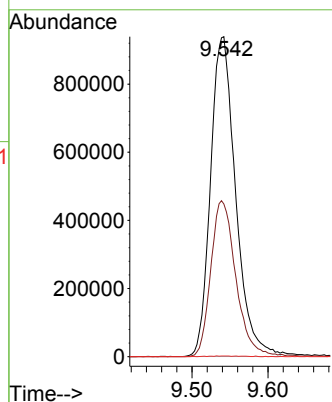
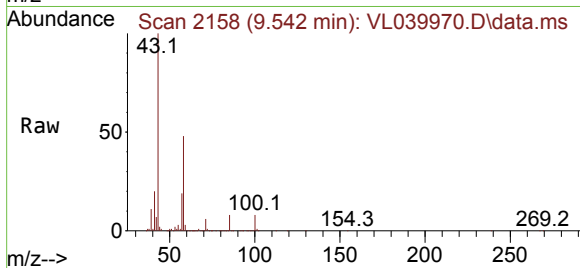




#51
2-Hexanone
Concen: 9.615 ppbv
RT: 9.542 min Scan# 2152
Delta R.T. 0.026 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

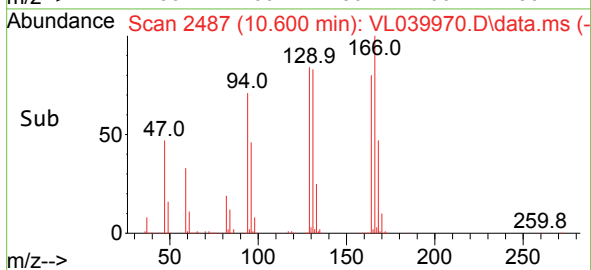
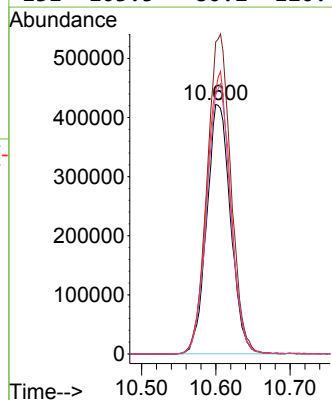
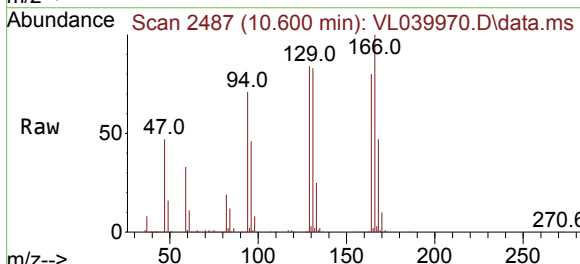
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

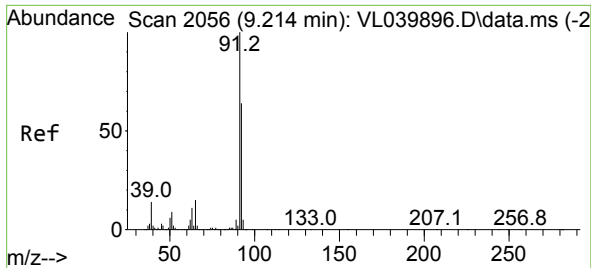
Tgt Ion: 43 Resp: 2152144
Ion Ratio Lower Upper
43 100
58 49.1 40.2 60.4
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.767 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 164 Resp: 937934
Ion Ratio Lower Upper
164 100
166 125.1 98.3 147.5
129 105.2 79.7 119.5
131 103.5 80.2 120.4

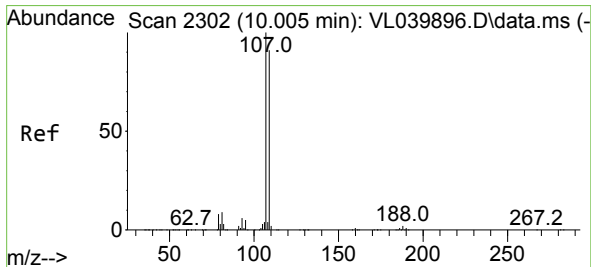
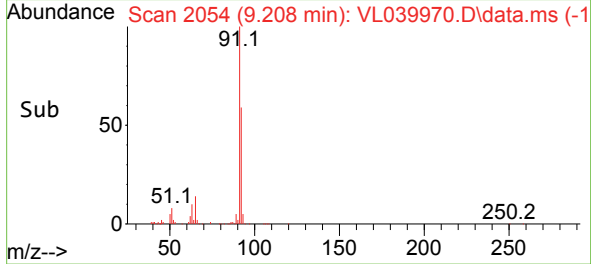
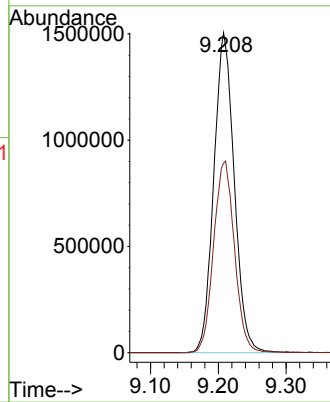
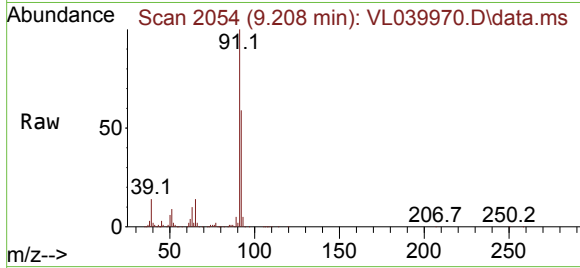




#53
Toluene
Concen: 9.681 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

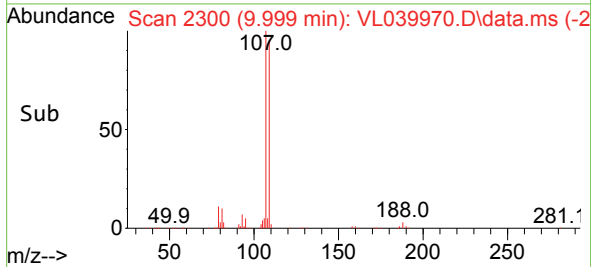
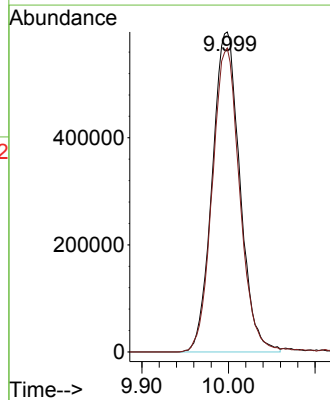
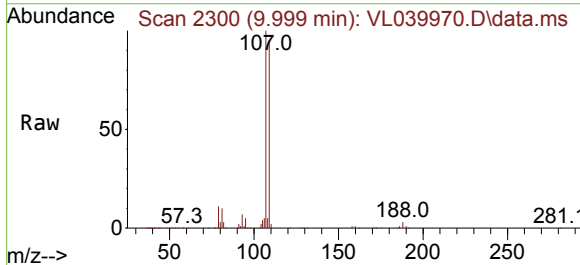
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

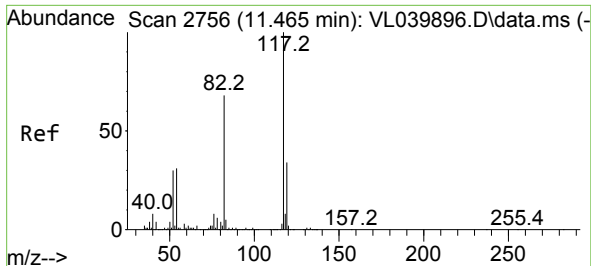
Tgt Ion: 91 Resp: 3153802
Ion Ratio Lower Upper
91 100
92 61.4 49.8 74.6



#54
1,2-Dibromoethane
Concen: 10.854 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.026 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 107 Resp: 1326372
Ion Ratio Lower Upper
107 100
109 95.0 72.8 109.2

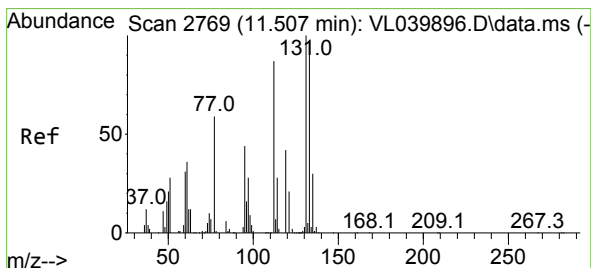
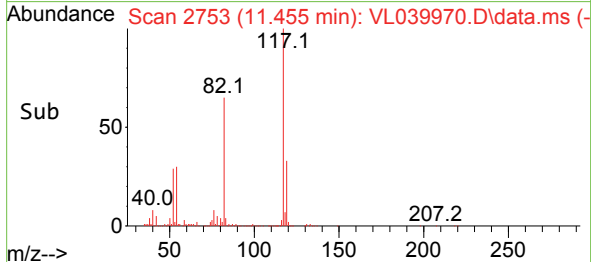
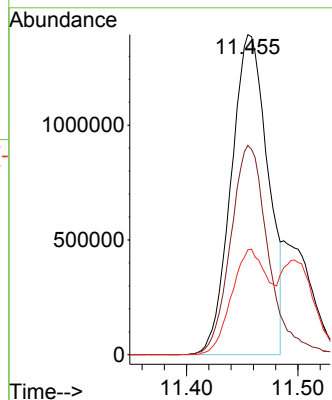
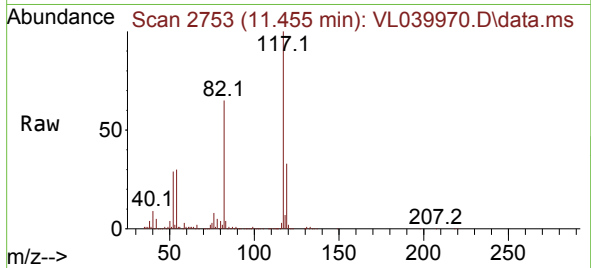




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

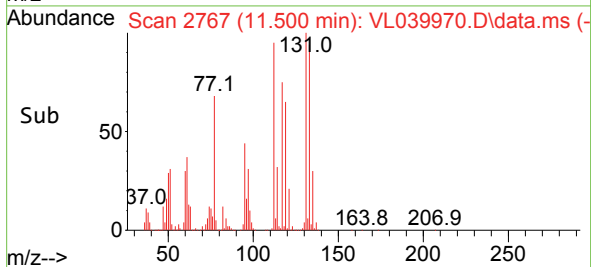
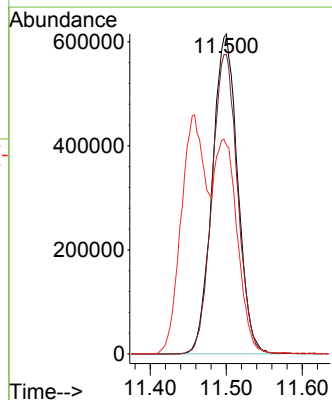
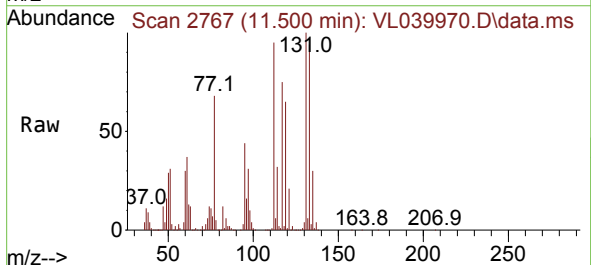
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

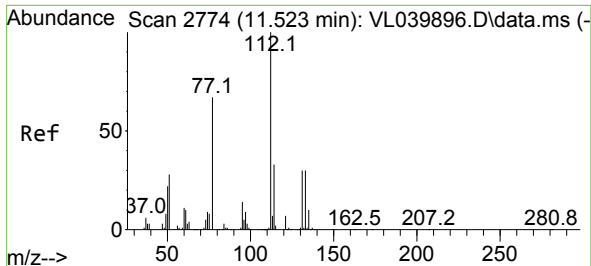
Tgt Ion:117 Resp: 3192224
Ion Ratio Lower Upper
117 100
82 67.8 52.3 78.5
119 30.3 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.881 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.026 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion:131 Resp: 1419883
Ion Ratio Lower Upper
131 100
133 94.7 76.7 115.1
119 64.2 46.6 69.8

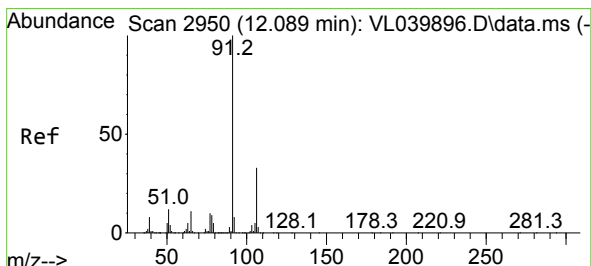
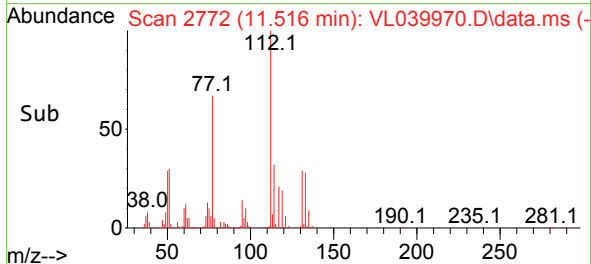
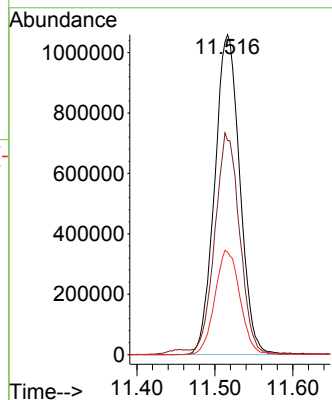
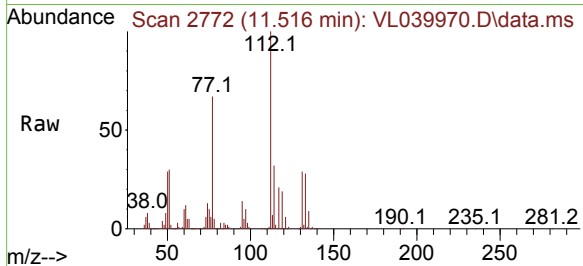




#57
Chlorobenzene
Concen: 9.713 ppbv
RT: 11.516 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

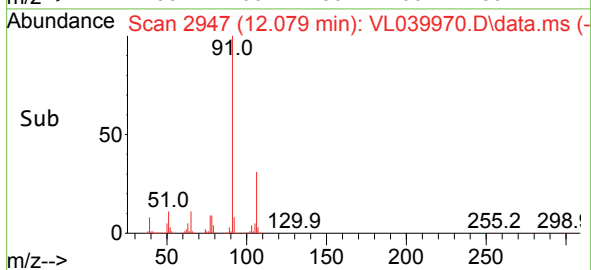
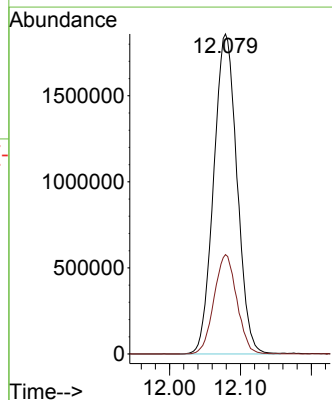
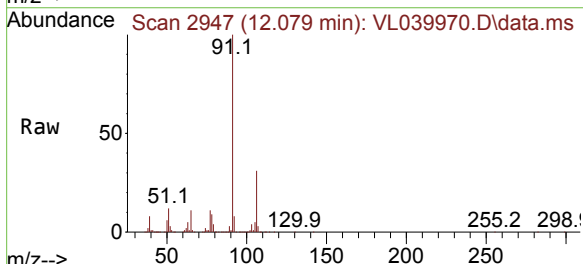
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

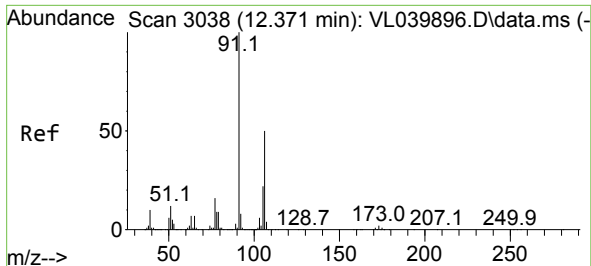
Tgt Ion:112 Resp: 2370803
Ion Ratio Lower Upper
112 100
77 66.7 54.6 81.8
114 32.0 30.1 36.7



#58
Ethyl Benzene
Concen: 9.817 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion: 91 Resp: 4251716
Ion Ratio Lower Upper
91 100
106 31.0 26.1 39.1





#59

m/p-Xylene

Concen: 11.337 ppbv

RT: 12.362 min Scan# 3035

Delta R.T. 0.023 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

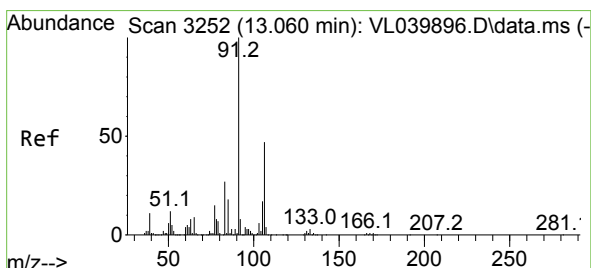
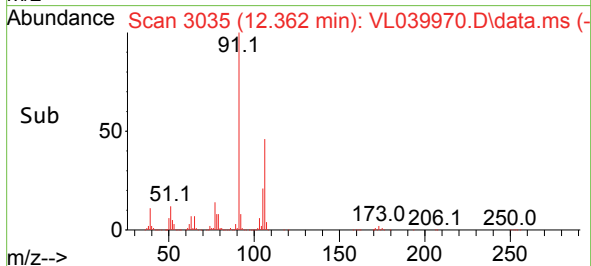
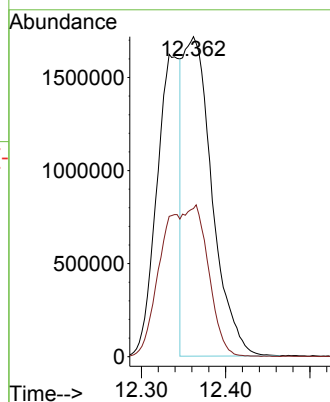
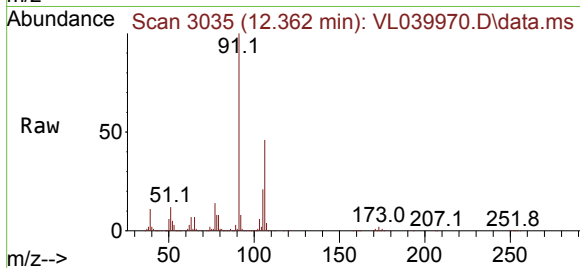
VSTDCCC010

Tgt Ion: 91 Resp: 4109187

Ion Ratio Lower Upper

91 100

106 76.3 37.0 55.6#



#60

o-Xylene

Concen: 9.932 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.023 min

Lab File: VL039970.D

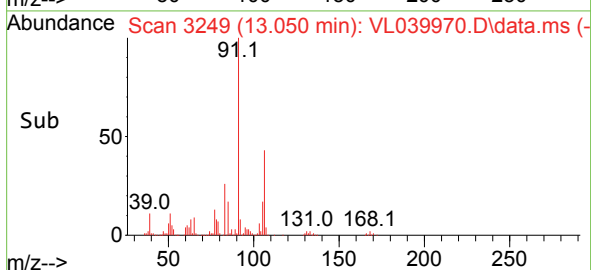
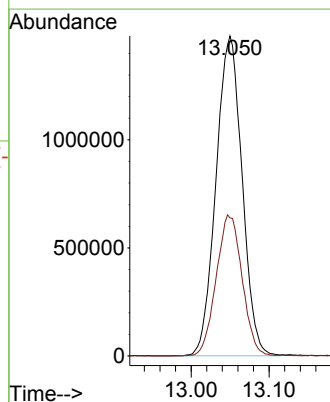
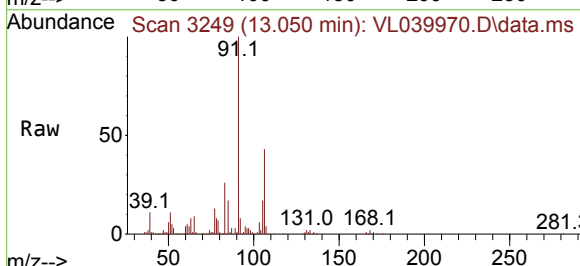
Acq: 12 Dec 2022 10:37

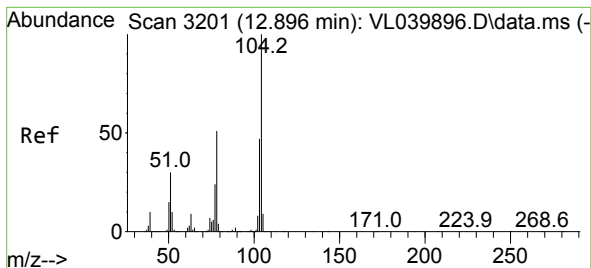
Tgt Ion: 91 Resp: 3433166

Ion Ratio Lower Upper

91 100

106 44.1 23.2 69.6





#61

Styrene

Concen: 9.709 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.026 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

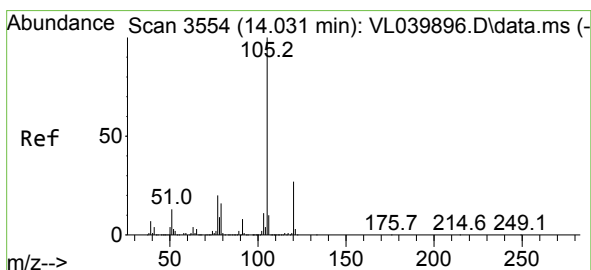
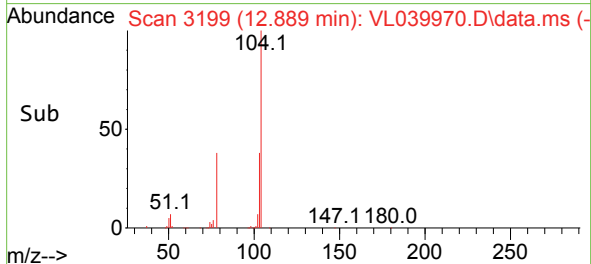
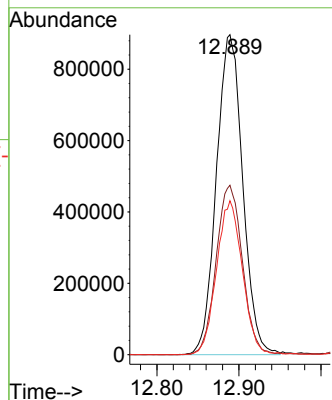
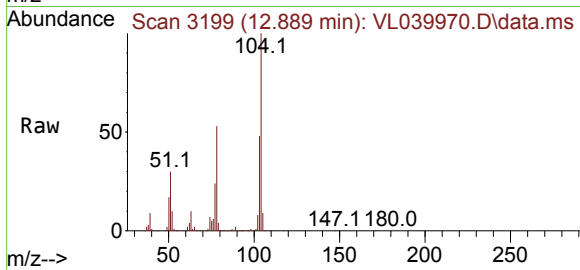
Tgt Ion:104 Resp: 2003269

Ion Ratio Lower Upper

104 100

78 53.0 41.8 62.8

103 47.5 37.2 55.8



#62

Isopropylbenzene

Concen: 9.636 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.026 min

Lab File: VL039970.D

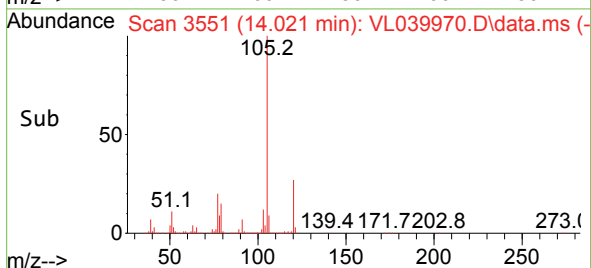
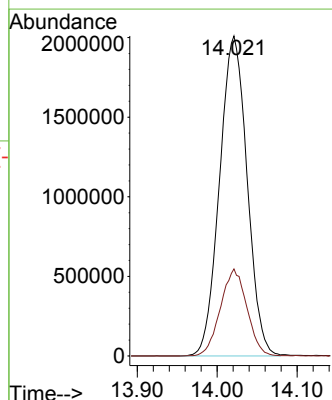
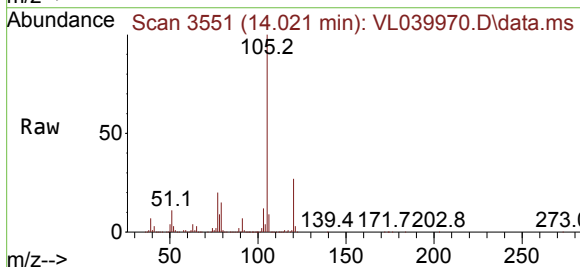
Acq: 12 Dec 2022 10:37

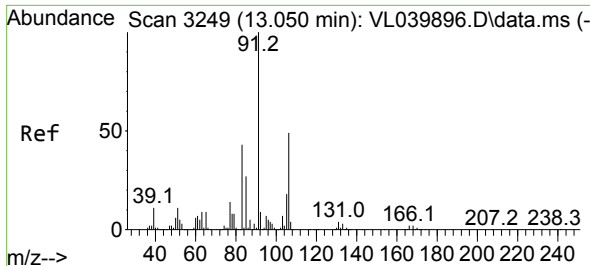
Tgt Ion:105 Resp: 4803068

Ion Ratio Lower Upper

105 100

120 26.2 21.4 32.2

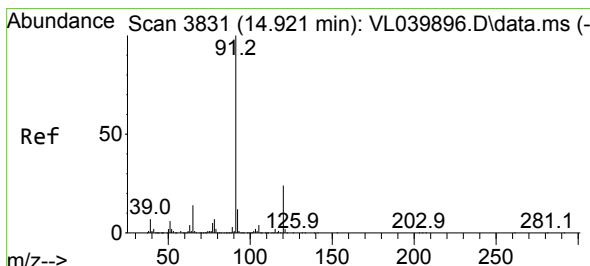
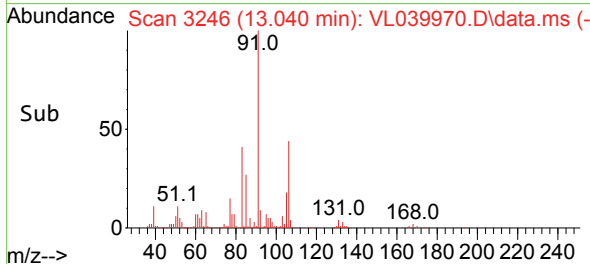
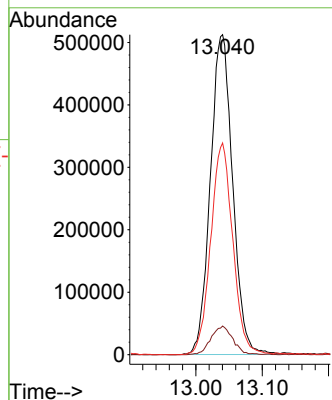
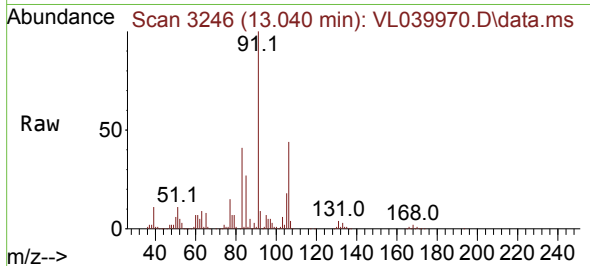




#63
1,1,2,2-Tetrachloroethane
Concen: 10.374 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

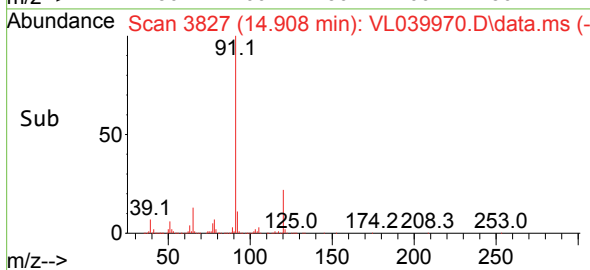
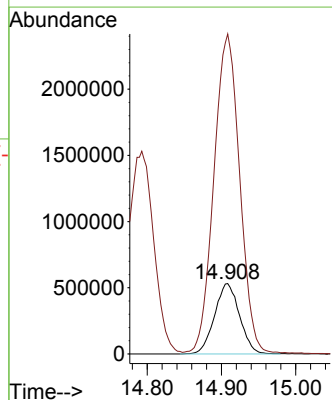
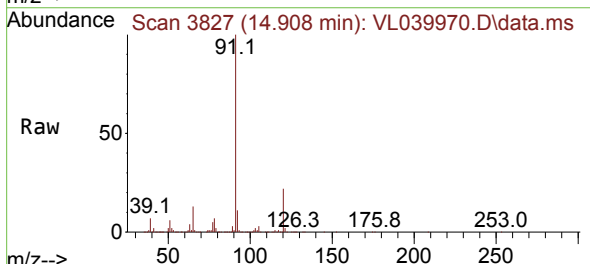
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

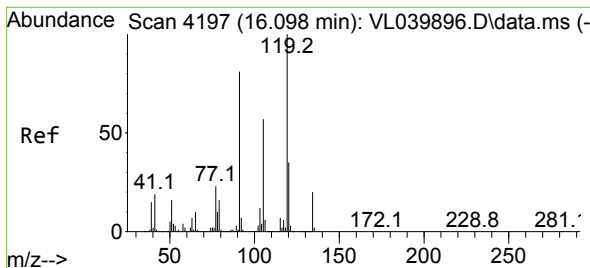
Tgt Ion: 83 Resp: 1197390
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 66.2 33.0 99.0



#64
n-propylbenzene
Concen: 9.515 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.029 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion:120 Resp: 1240754
Ion Ratio Lower Upper
120 100
91 471.9 353.7 530.5





#65

tert-Butylbenzene

Concen: 9.463 ppbv

RT: 16.082 min Scan# 41

Delta R.T. 0.026 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

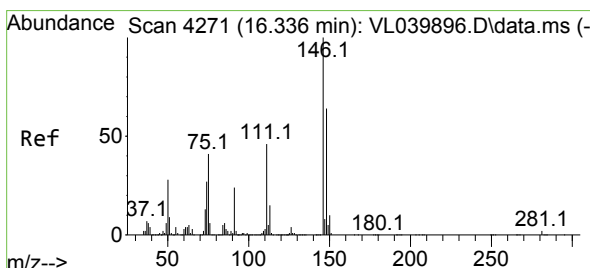
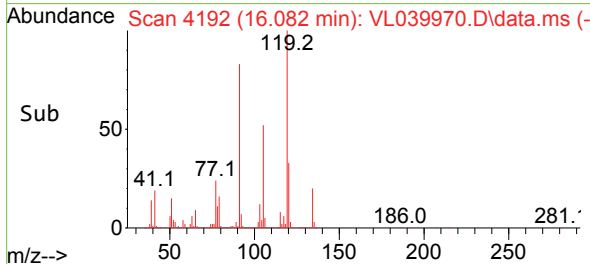
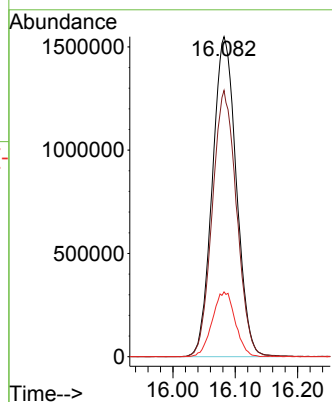
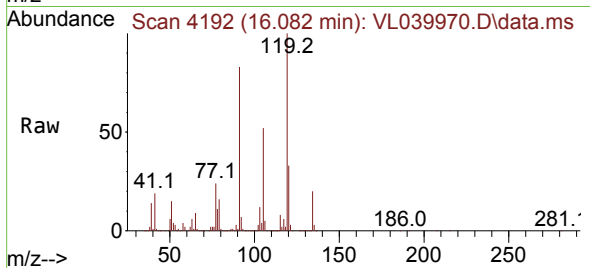
Tgt Ion:119 Resp: 4126426

Ion Ratio Lower Upper

119 100

91 84.7 65.8 98.8

134 19.5 16.1 24.1



#66

Benzyl Chloride

Concen: 8.924 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.026 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

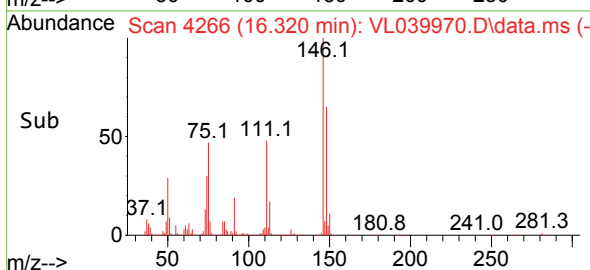
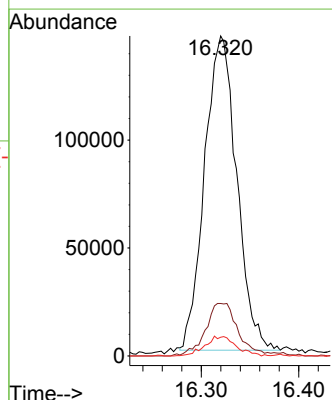
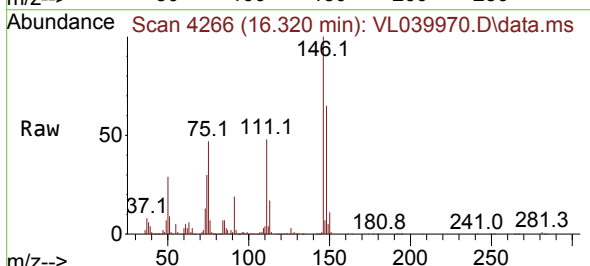
Tgt Ion: 91 Resp: 333500

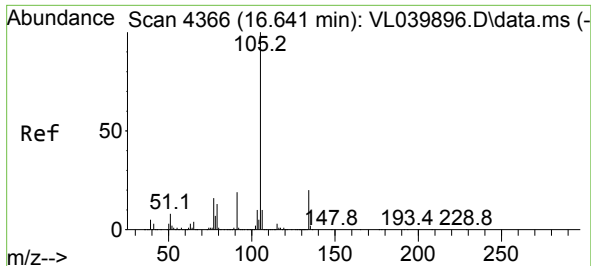
Ion Ratio Lower Upper

91 100

126 17.4 15.0 22.6

128 6.3 4.6 7.0

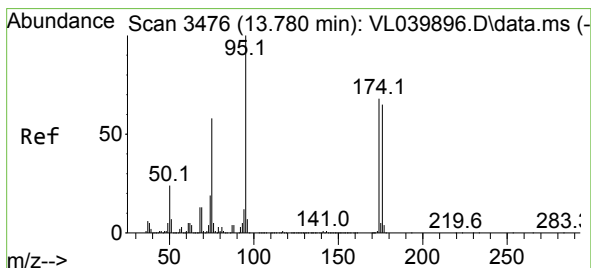
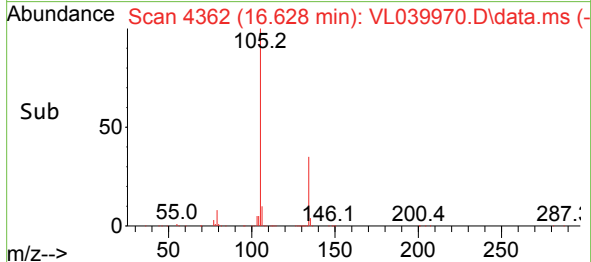
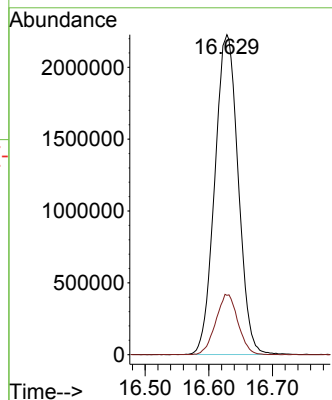
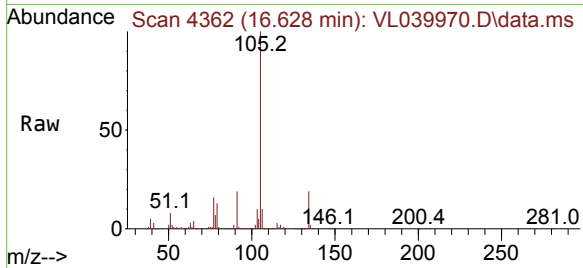




#67
 sec-Butylbenzene
 Concen: 9.485 ppbv
 RT: 16.628 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

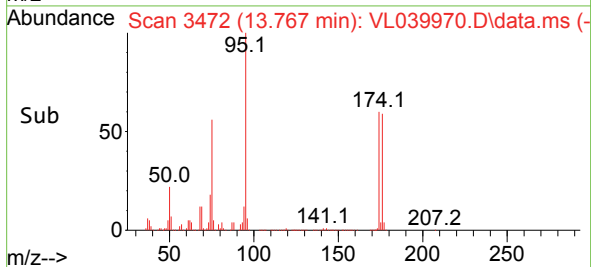
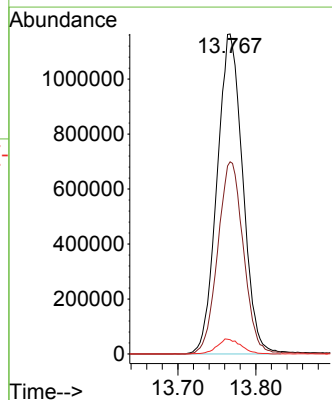
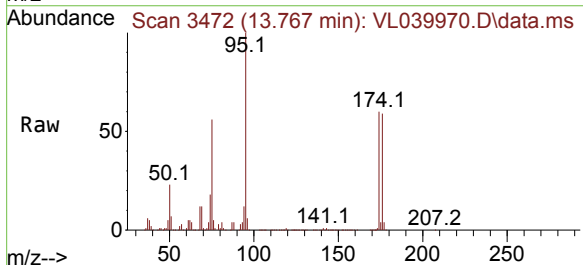
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

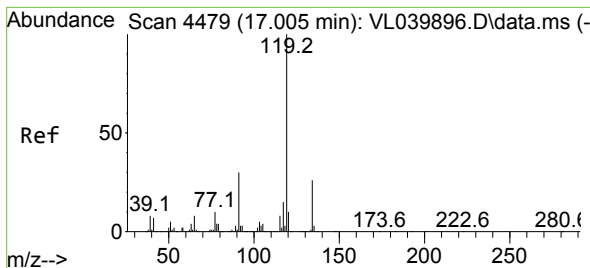
Tgt Ion:105 Resp: 5687150
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.904 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.026 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion: 95 Resp: 2658638
 Ion Ratio Lower Upper
 95 100
 174 60.6 53.7 80.5
 175 4.4 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.310 ppbv

RT: 16.985 min Scan# 4479

Delta R.T. 0.019 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

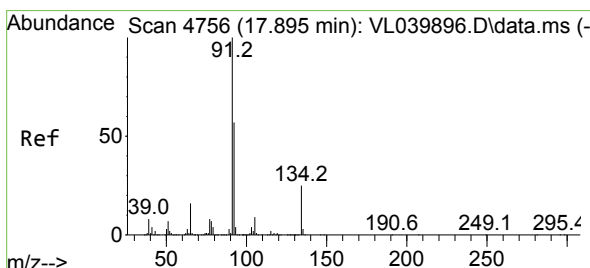
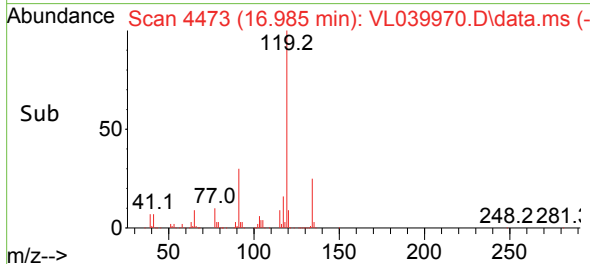
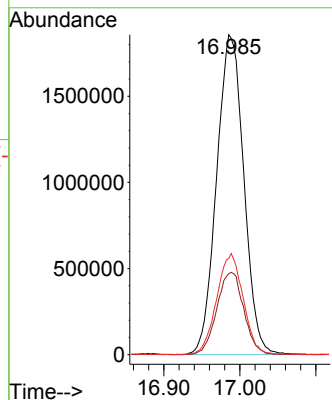
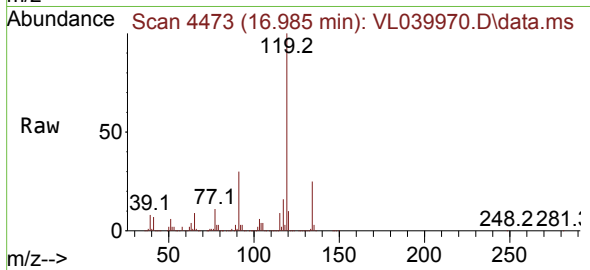
Tgt Ion:119 Resp: 4598189

Ion Ratio Lower Upper

119 100

134 25.6 21.0 31.4

91 30.9 24.4 36.6



#70

n-Butylbenzene

Concen: 9.757 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.019 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

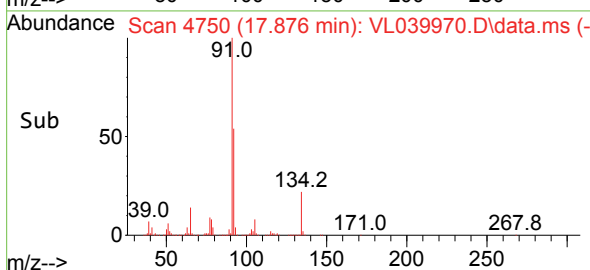
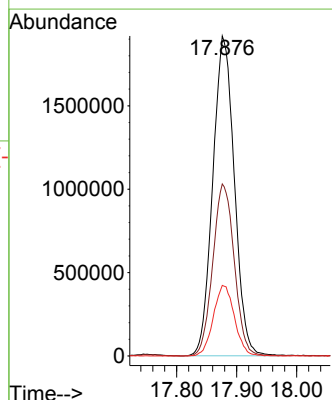
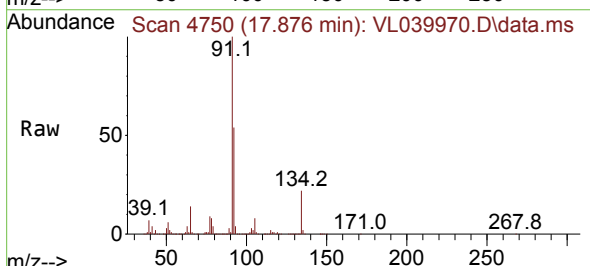
Tgt Ion: 91 Resp: 4777602

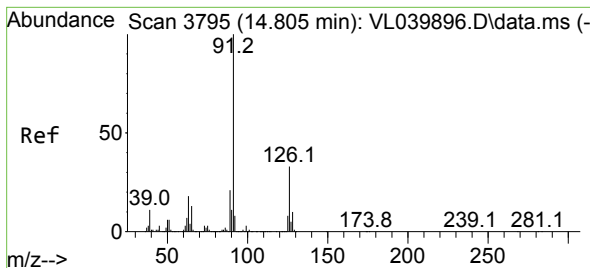
Ion Ratio Lower Upper

91 100

92 53.7 44.2 66.2

134 21.7 18.8 28.2

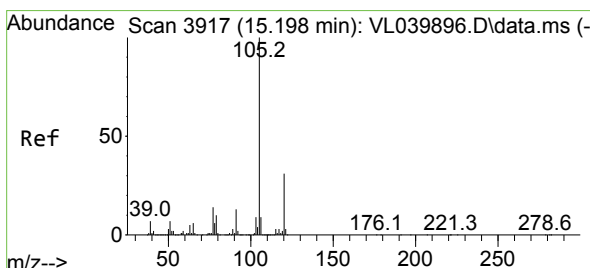
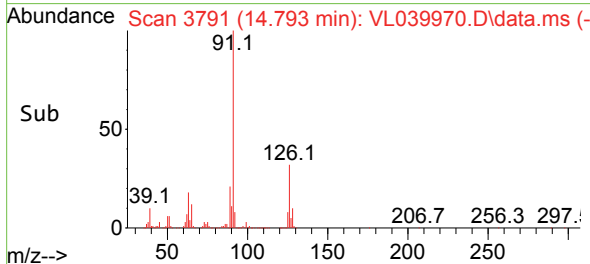
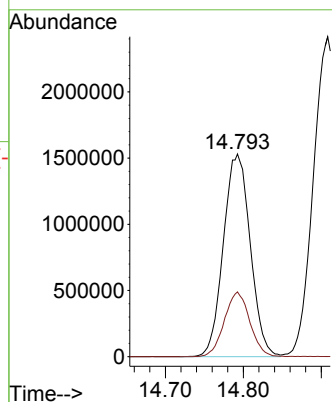
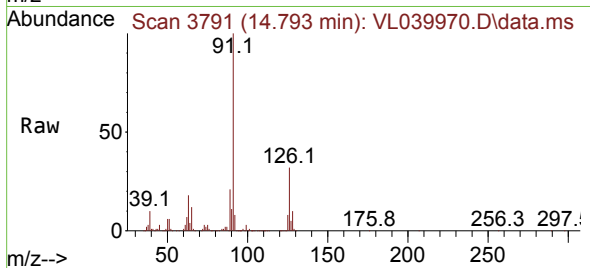




#71
2-Chlorotoluene
Concen: 9.713 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

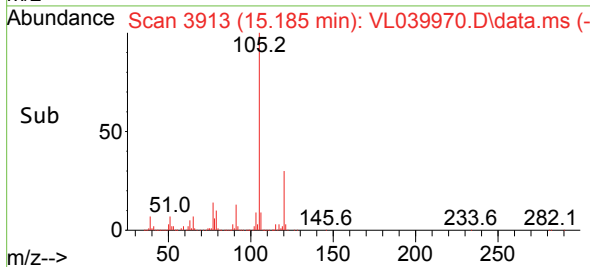
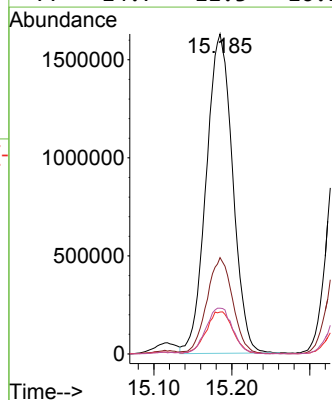
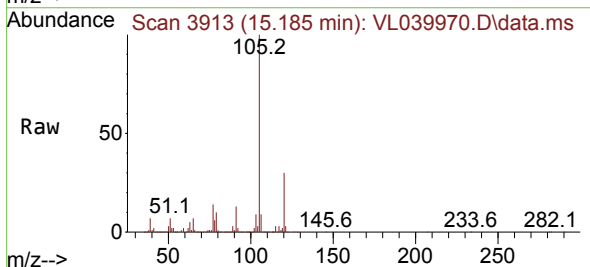
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

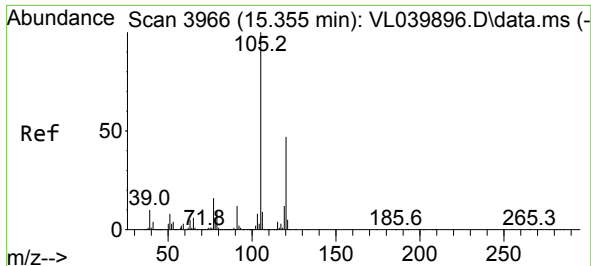
Tgt Ion: 91 Resp: 3669903
Ion Ratio Lower Upper
91 100
126 30.3 12.8 51.0



#72
4-Ethyltoluene
Concen: 9.871 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion:105 Resp: 3835285
Ion Ratio Lower Upper
105 100
120 29.7 24.5 36.7
91 13.3 10.4 15.6
77 14.7 11.3 16.9

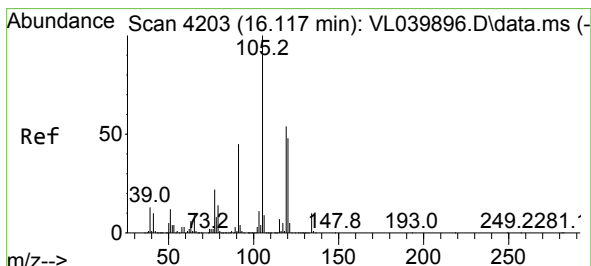
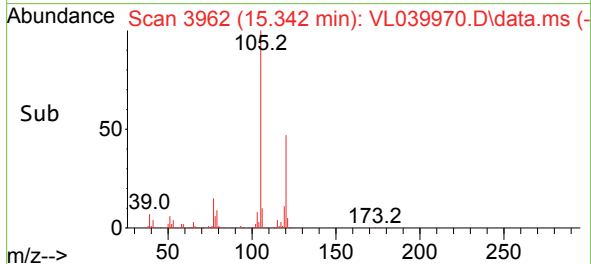
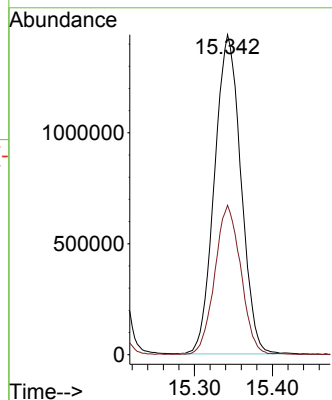
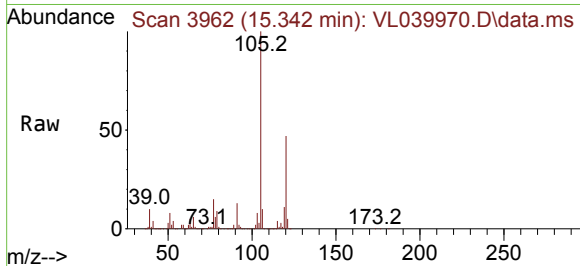




#73
 1,3,5-Trimethylbenzene
 Concen: 9.532 ppbv
 RT: 15.342 min Scan# 3966
 Delta R.T. 0.023 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

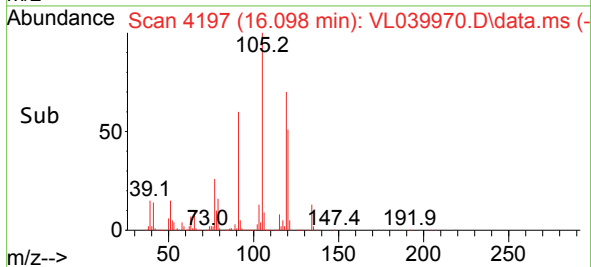
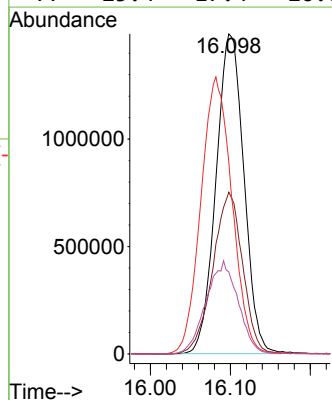
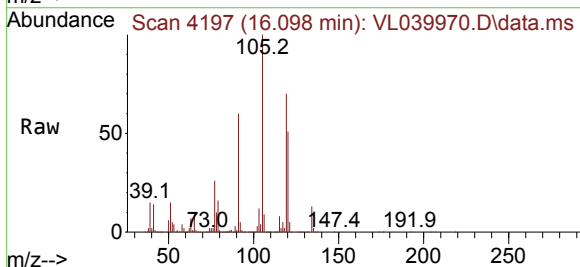
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

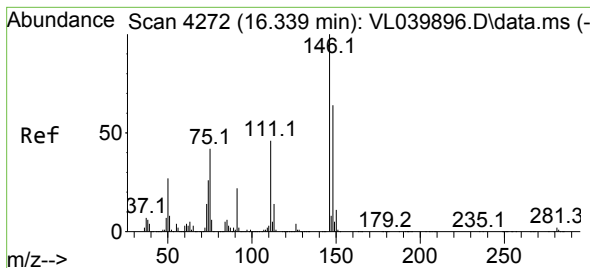
Tgt Ion:105 Resp: 3390438
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.9 56.9



#74
 1,2,4-Trimethylbenzene
 Concen: 9.571 ppbv
 RT: 16.098 min Scan# 4197
 Delta R.T. 0.023 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Tgt Ion:105 Resp: 3604283
 Ion Ratio Lower Upper
 105 100
 120 50.3 38.7 58.1
 91 59.5 36.4 54.6#
 77 25.4 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 9.298 ppbv

RT: 16.323 min Scan# 4311

Delta R.T. 0.023 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

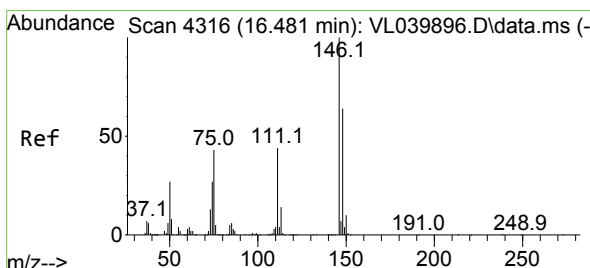
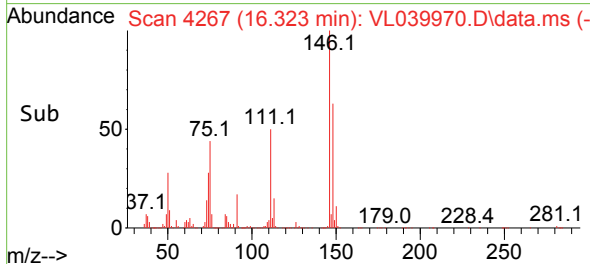
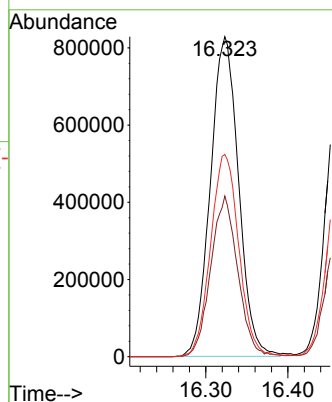
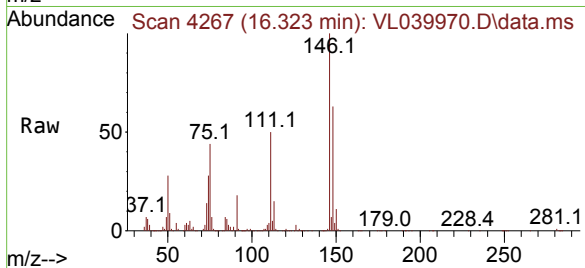
Tgt Ion:146 Resp: 1970026

Ion Ratio Lower Upper

146 100

111 48.5 23.3 69.9

148 63.9 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 9.116 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.026 min

Lab File: VL039970.D

Acq: 12 Dec 2022 10:37

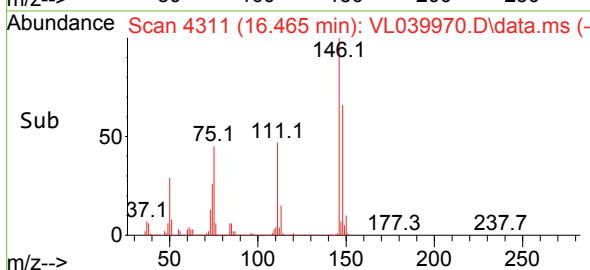
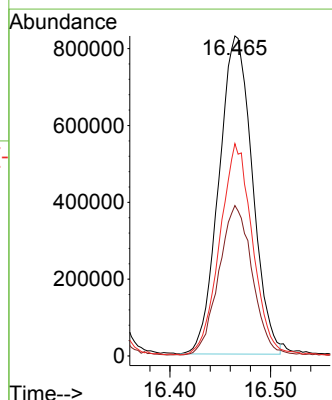
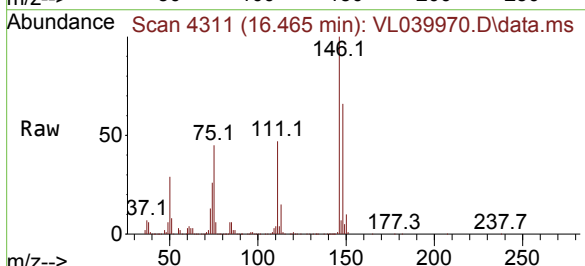
Tgt Ion:146 Resp: 1914785

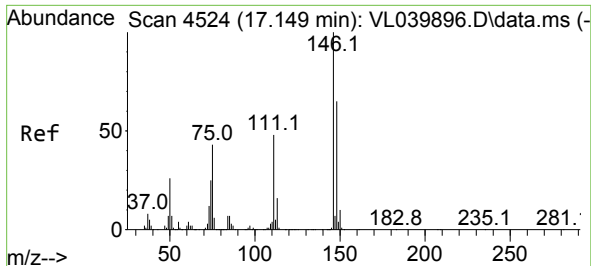
Ion Ratio Lower Upper

146 100

111 48.0 22.4 67.3

148 66.6 32.3 96.9

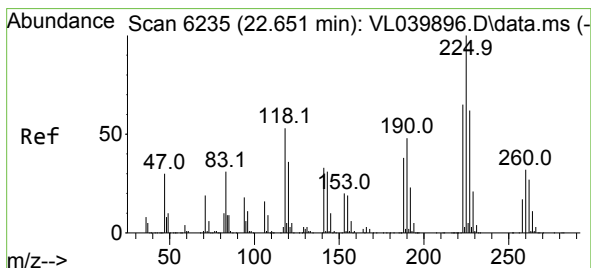
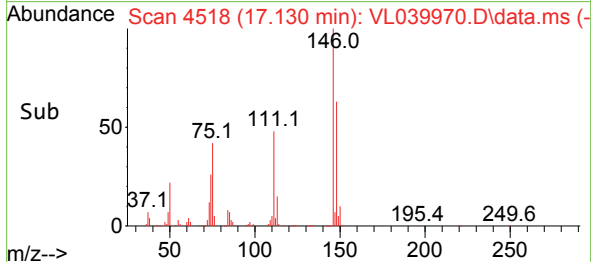
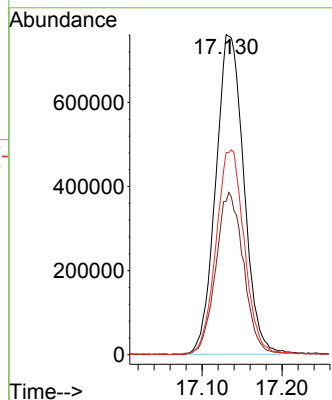
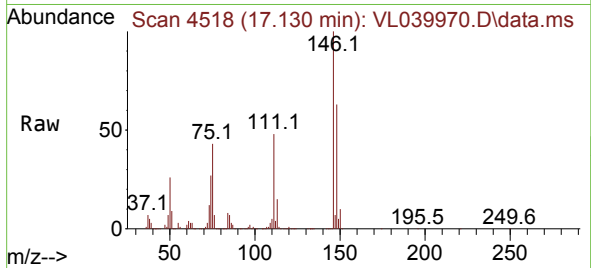




#77
1,2-Dichlorobenzene
Concen: 9.060 ppbv
RT: 17.130 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

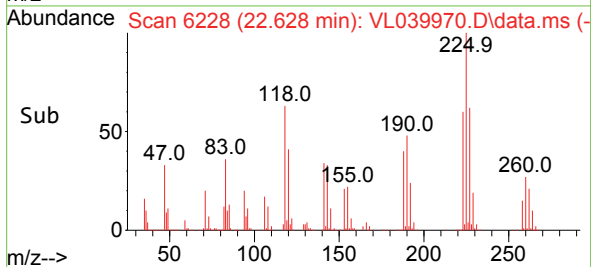
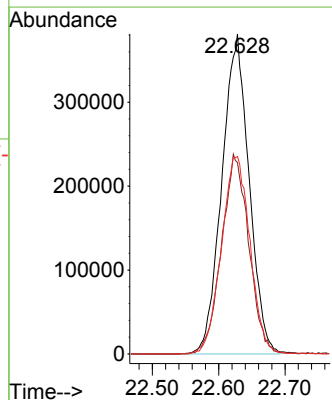
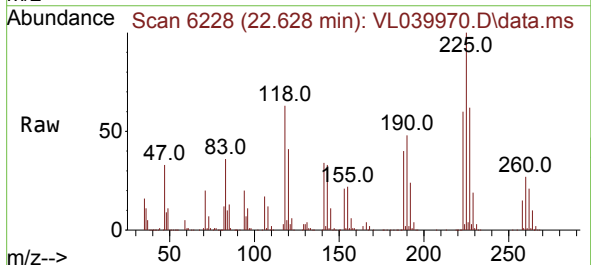
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

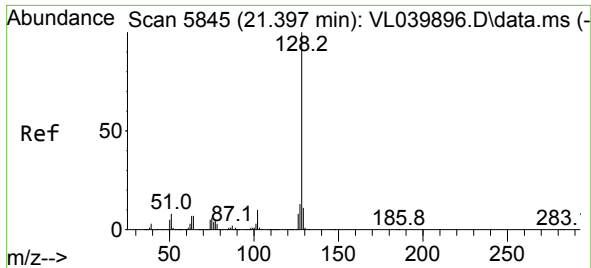
Tgt Ion:146 Resp: 1850567
Ion Ratio Lower Upper
146 100
111 50.5 24.1 72.3
148 65.0 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 7.646 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.029 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

Tgt Ion:225 Resp: 1083710
Ion Ratio Lower Upper
225 100
223 62.8 50.7 76.1
227 65.0 50.8 76.2

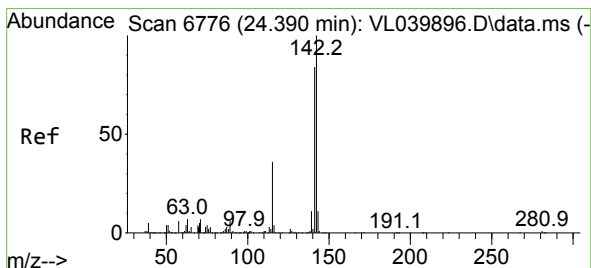
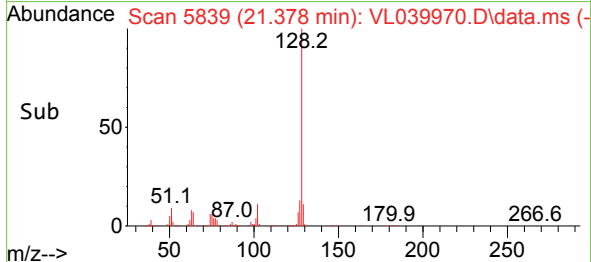
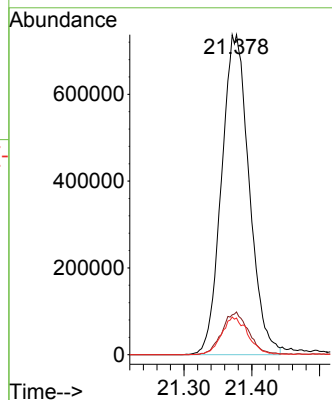
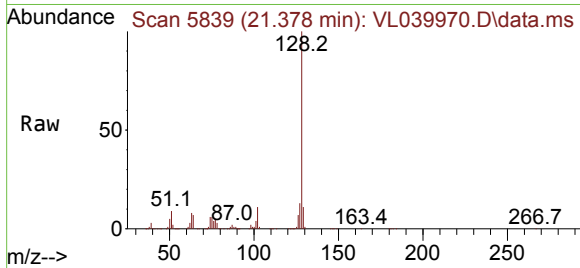




#79
Naphthalene
Concen: 9.265 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.029 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

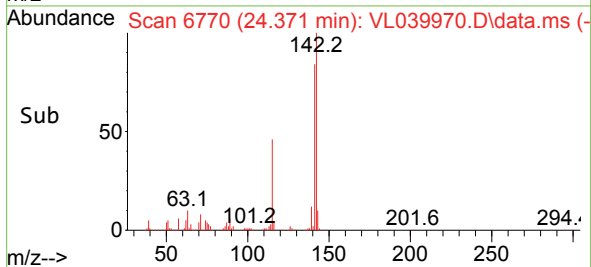
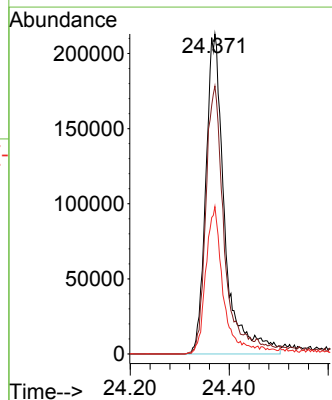
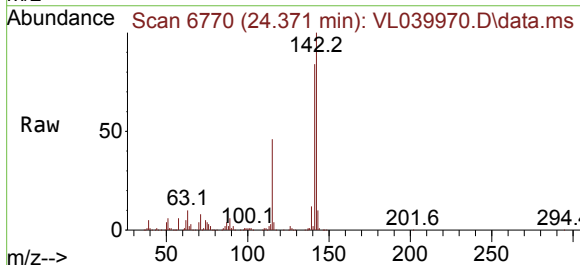
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

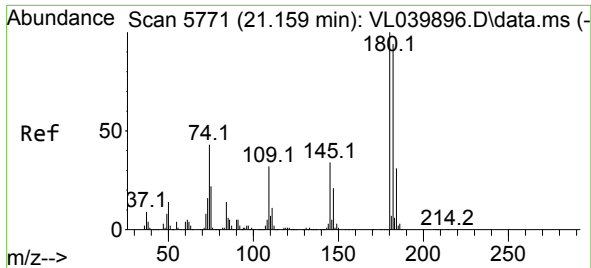
Tgt Ion:128 Resp: 2088154
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.5 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.873 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.023 min
Lab File: VL039970.D
Acq: 12 Dec 2022 10:37

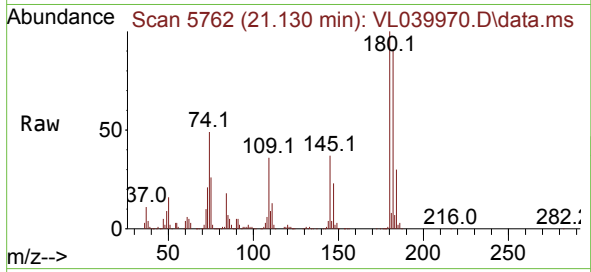
Tgt Ion:142 Resp: 562445
Ion Ratio Lower Upper
142 100
141 87.1 69.1 103.7
115 44.9 29.6 44.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 8.452 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.023 min
 Lab File: VL039970.D
 Acq: 12 Dec 2022 10:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1176369

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.6
184	30.4	25.2	37.8

