

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\Reviewed data\
 Data File : VL040005.D
 Acq On : 13 Dec 2022 14:10
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Dec 21 15:02:21 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	5.176	49	1046949	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.636	114	3202052	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	3153483	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2230374	9.260	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	1607564	10.721	ppbv	95
3) Chlorodifluoromethane	2.658	51	1278804	8.852	ppbv	98
4) Chloromethane	2.793	50	814307	8.821	ppbv	96
5) Vinyl Chloride	2.903	62	710702	9.852	ppbv	99
6) Bromomethane	3.102	94	244578	9.939	ppbv	99
7) Chloroethane	3.179	64	262786	9.216	ppbv	99
8) Dichlorotetrafluoroethane	2.838	85	1671632	9.764	ppbv	99
9) Propene	2.678	41	583625	8.576	ppbv	99
10) Heptane	7.562	43	1431602	8.718	ppbv	97
11) Trichlorofluoromethane	3.546	101	1729502	9.456	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.047	101	1302222	9.408	ppbv	97
13) Ethanol	3.231	45	12842	2.472	ppbv #	18
14) Bromoethene	3.346	108	516679	9.572	ppbv	98
15) Acetone	3.449	43	1197950	8.627	ppbv	99
16) 1,3-Butadiene	2.967	39	634479	9.168	ppbv	97
17) tert-Butyl alcohol	3.858	59	1350276	8.457	ppbv	99
18) 1,1-Dichloroethene	3.861	96	592663	9.386	ppbv	99
19) Isopropyl Alcohol	3.559	45	619572	8.240	ppbv #	32
20) Methylene Chloride	3.915	84	499598	7.426	ppbv	97
21) Allyl Chloride	3.977	41	868261	9.014	ppbv	99
22) trans-1,2-Dichloroethene	4.427	96	633765	9.870	ppbv	97
23) Vinyl Acetate	4.607	43	482419	8.456	ppbv	98
24) 1,1-Dichloroethane	4.546	63	1260645	9.165	ppbv	99
25) Ethyl Acetate	5.185	43	2360643	9.259	ppbv	99
26) Hexane	5.195	57	1039287	9.331	ppbv	97
27) Carbon Disulfide	4.105	76	1385224	9.851	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	1233515	8.845	ppbv	100
29) Chloroform	5.256	83	1729524	11.685	ppbv	98
30) Cyclohexane	6.587	84	976639	8.935	ppbv	96
31) cis-1,2-Dichloroethene	5.057	61	963102	9.359	ppbv	99
32) 1,1,1-Trichloroethane	5.986	97	1785715	9.660	ppbv	99
34) 2-Butanone	4.767	43	1374531	8.971	ppbv	97
35) Carbon Tetrachloride	6.475	117	1823664	10.029	ppbv	97
36) Benzene	6.353	78	2448131	8.995	ppbv	97
37) 1,2-Dichloroethane	5.790	62	1359606	9.116	ppbv	100
38) Trichloroethene	7.275	130	1390959	9.142	ppbv	99
39) 1,2-Dichloropropane	7.057	63	929312	8.764	ppbv	100
40) 1,4-Dioxane	7.269	88	351225	8.314	ppbv #	1
41) Tetrahydrofuran	5.539	42	915571	8.656	ppbv	97
42) Bromodichloromethane	7.234	83	1964979	9.714	ppbv	99
43) Methyl Methacrylate	7.459	69	972811	9.116	ppbv	97
44) 2,2,4-Trimethylpentane	7.311	57	3938778	8.669	ppbv	99
45) t-1,3-Dichloropropene	8.697	75	901121	9.140	ppbv	98

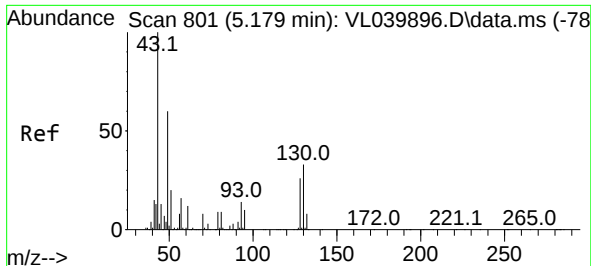
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\Reviewed data\
 Data File : VL040005.D
 Acq On : 13 Dec 2022 14:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Dec 21 15:02:21 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	8.124	75	1219170	8.927	ppbv	100
47) 1,1,2-Trichloroethane	8.883	97	983203	9.022	ppbv	98
48) Dibromochloromethane	9.700	129	1624695	10.178	ppbv	99
49) Bromoform	12.397	173	1259270	9.746	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2386668	8.698	ppbv	100
51) 2-Hexanone	9.539	43	1855582	8.711	ppbv #	100
52) Tetrachloroethene	10.600	164	836165	8.212	ppbv	95
53) Toluene	9.208	91	2802038	9.037	ppbv	98
54) 1,2-Dibromoethane	9.996	107	1142092	9.820	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.494	131	1168092	9.062	ppbv	95
57) Chlorobenzene	11.513	112	2092298	8.678	ppbv	99
58) Ethyl Benzene	12.076	91	3674985	8.590	ppbv	100
59) m/p-Xylene	12.359	91	3161663	8.830	ppbv #	38
60) o-Xylene	13.047	91	2934277	8.593	ppbv	99
61) Styrene	12.883	104	1777930	8.723	ppbv	99
62) Isopropylbenzene	14.018	105	4180414	8.490	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1000508	8.775	ppbv	100
64) n-propylbenzene	14.905	120	1085720	8.428	ppbv	91
65) tert-Butylbenzene	16.076	119	3576016	8.301	ppbv	100
66) Benzyl Chloride	16.314	91	227226	6.155	ppbv	96
67) sec-Butylbenzene	16.622	105	4944854	8.349	ppbv	98
69) p-Isopropyltoluene	16.982	119	4026221	8.252	ppbv	98
70) n-Butylbenzene	17.876	91	4060769	8.395	ppbv	98
71) 2-Chlorotoluene	14.790	91	3126293	8.376	ppbv	99
72) 4-Ethyltoluene	15.182	105	3327152	8.668	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2933949	8.350	ppbv	98
74) 1,2,4-Trimethylbenzene	16.098	105	3096988	8.325	ppbv	100
75) 1,3-Dichlorobenzene	16.317	146	1712523	8.182	ppbv	99
76) 1,4-Dichlorobenzene	16.462	146	1688327	8.137	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1629872	8.078	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	410974	2.935	ppbv #	5
79) Naphthalene	21.368	128	1831314	8.225	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	463266	7.398	ppbv	93
81) 1,2,4-Trichlorobenzene	21.130	180	1024691	7.453	ppbv	100

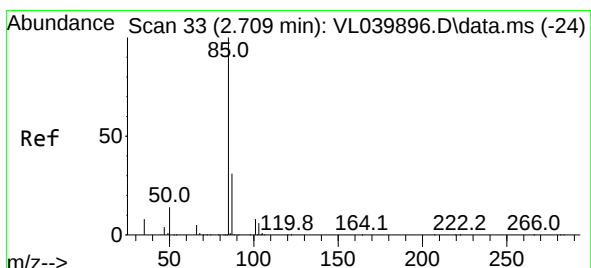
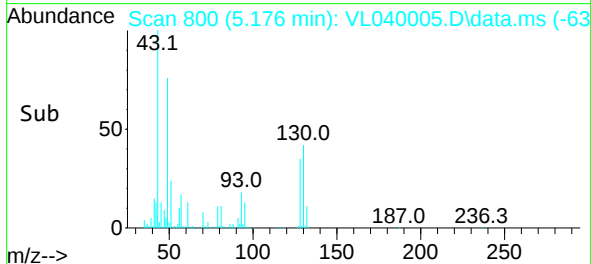
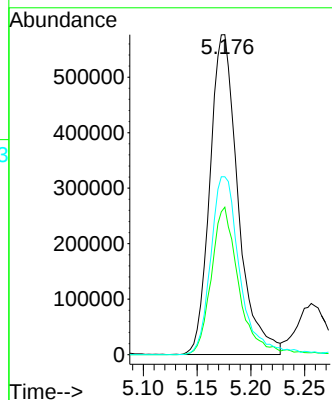
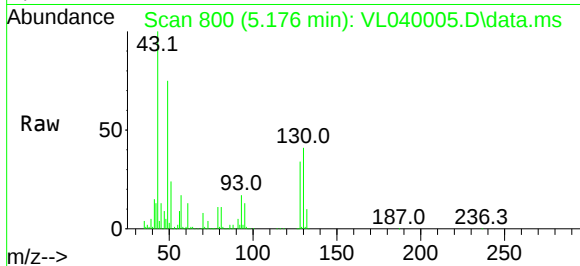
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

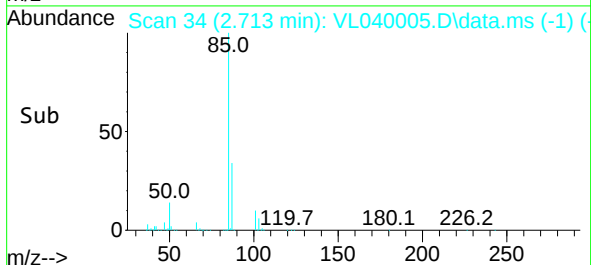
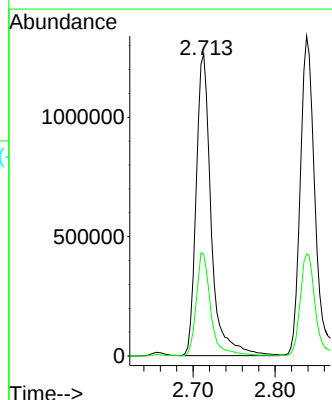
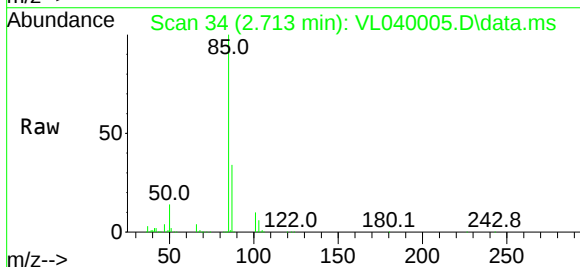
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

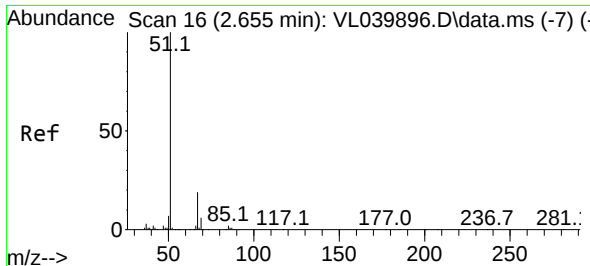
Tgt Ion: 49 Resp: 1046949
Ion Ratio Lower Upper
49 100
128 46.0 22.1 66.3
130 58.7 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 10.721 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 85 Resp: 1607564
Ion Ratio Lower Upper
85 100
87 33.8 25.0 37.4

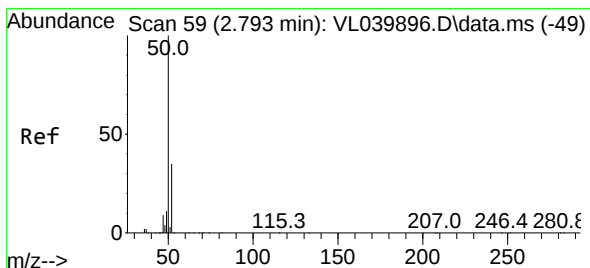
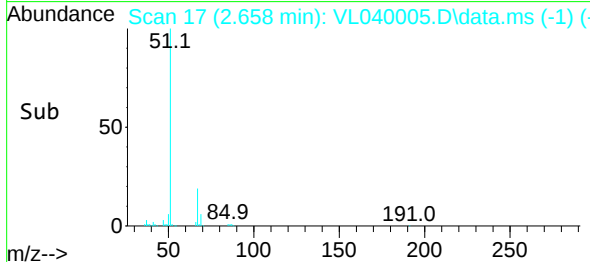
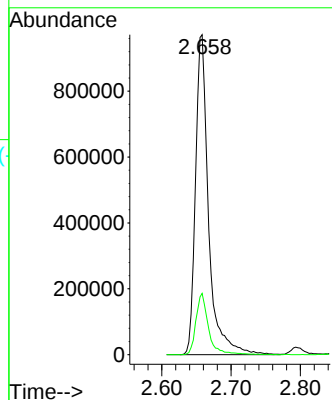
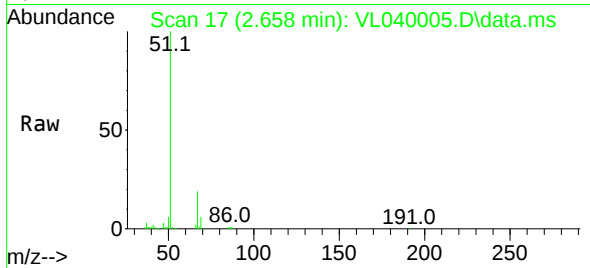




#3
Chlorodifluoromethane
Concen: 8.852 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

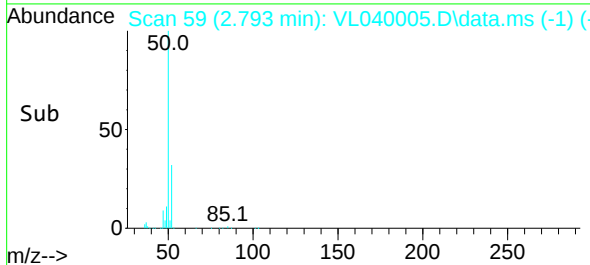
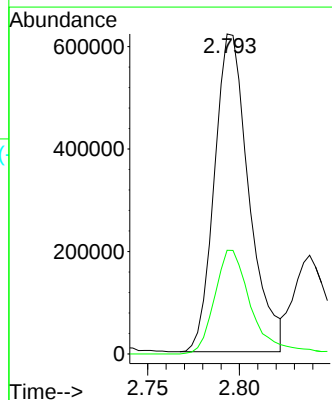
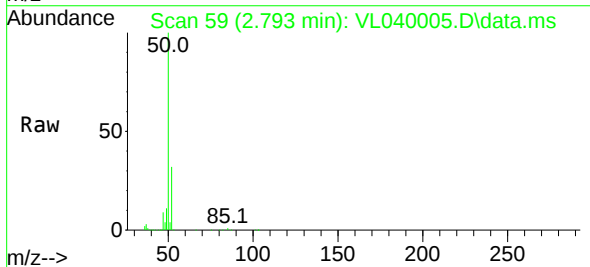
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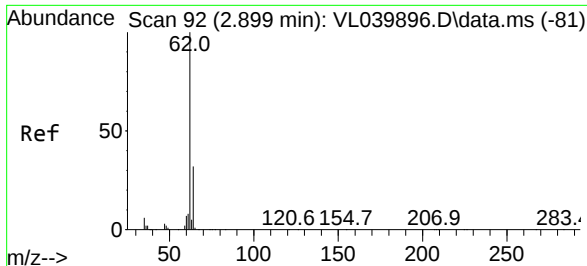
Tgt Ion: 51 Resp: 1278804
Ion Ratio Lower Upper
51 100
67 18.5 14.2 21.4



#4
Chloromethane
Concen: 8.821 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.013 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 50 Resp: 814307
Ion Ratio Lower Upper
50 100
52 32.6 27.8 41.8

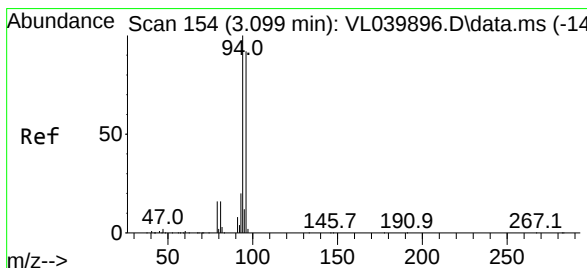
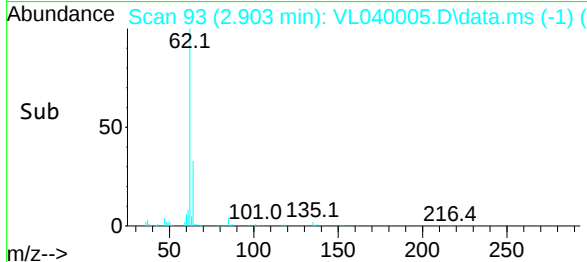
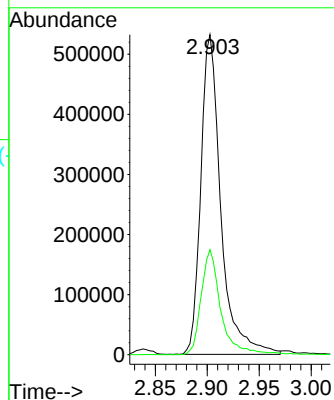
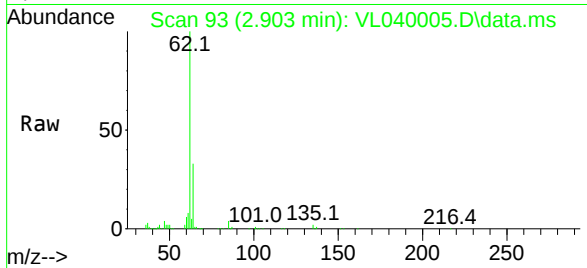




#5
 Vinyl Chloride
 Concen: 9.852 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

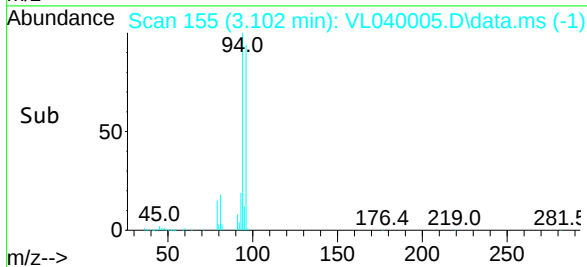
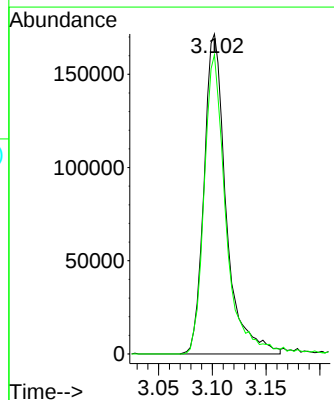
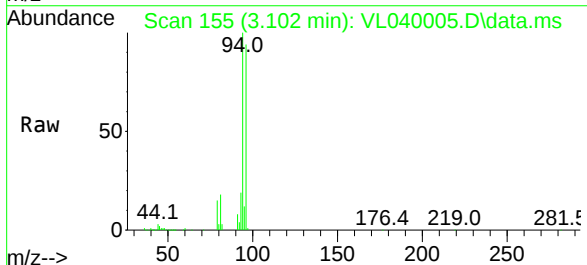
Instrument :
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 VSTDCCC010

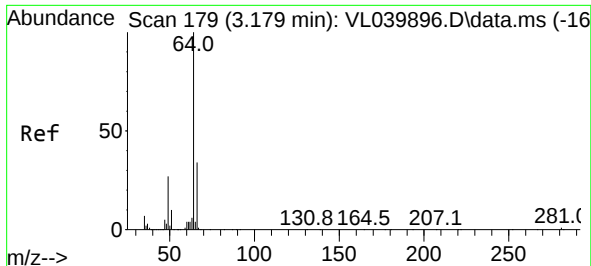
Tgt Ion: 62 Resp: 710702
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.7 38.5



#6
 Bromomethane
 Concen: 9.939 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

Tgt Ion: 94 Resp: 244578
 Ion Ratio Lower Upper
 94 100
 96 93.5 73.7 110.5

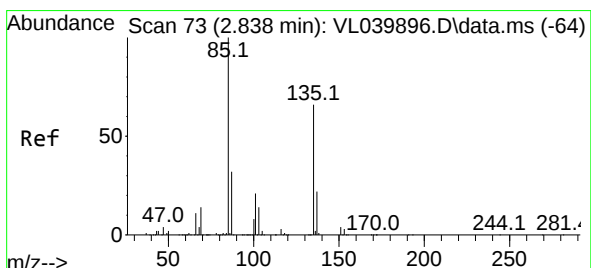
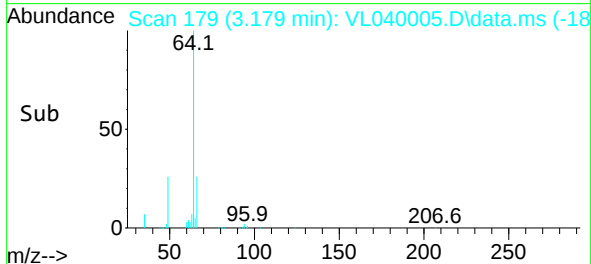
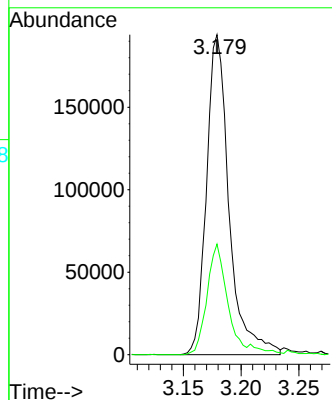
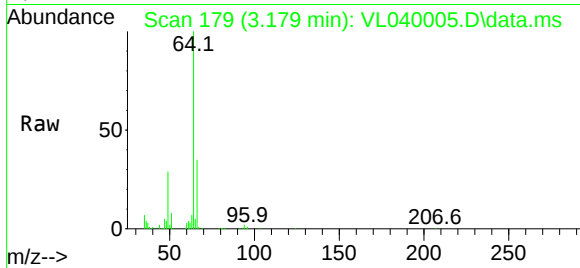




#7
Chloroethane
Concen: 9.216 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

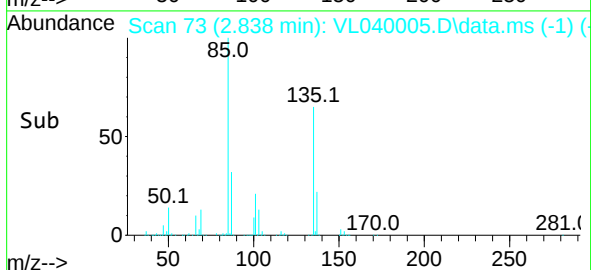
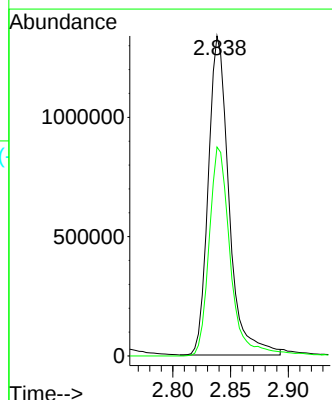
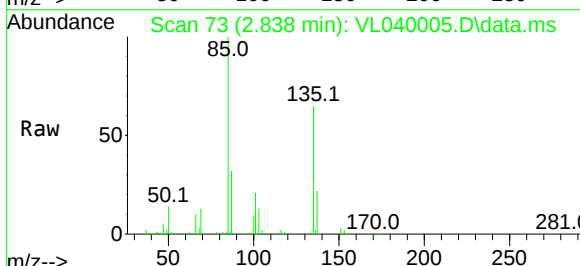
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ClientSampleId :
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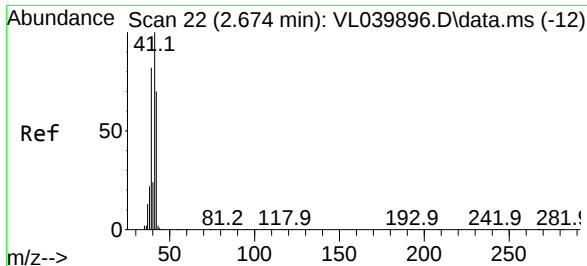
Tgt Ion: 64 Resp: 262786
Ion Ratio Lower Upper
64 100
66 34.6 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.764 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.013 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 85 Resp: 1671632
Ion Ratio Lower Upper
85 100
135 68.0 54.1 81.1

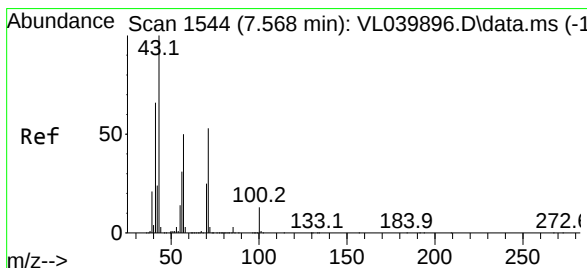
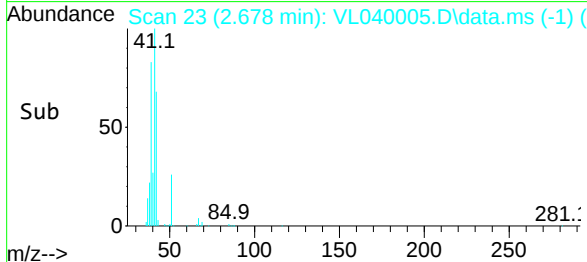
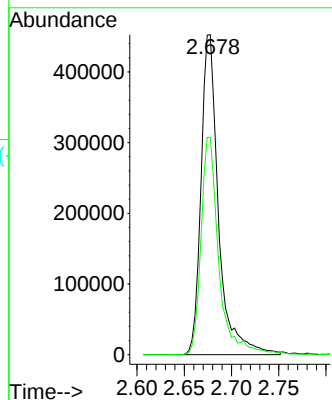
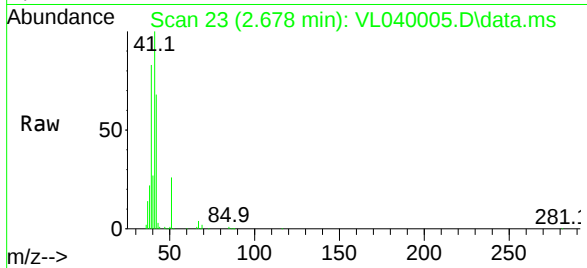




#9
 Propene
 Concen: 8.576 ppbv
 RT: 2.678 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

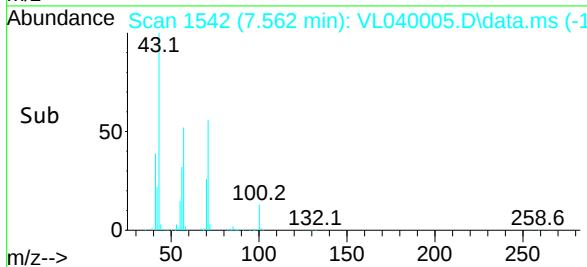
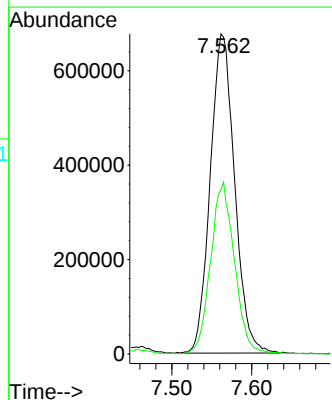
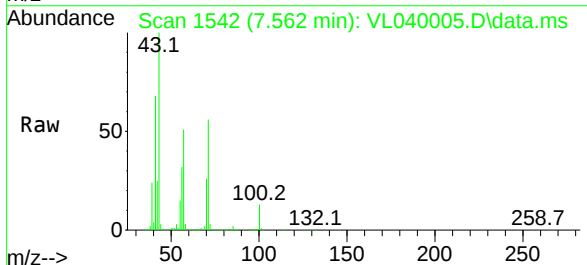
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

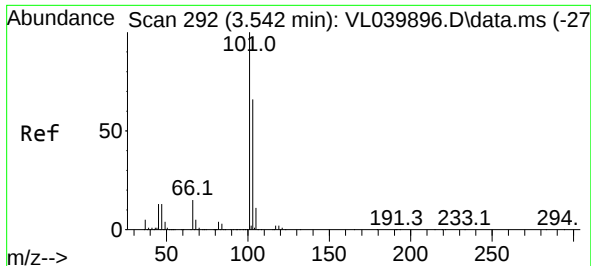
Tgt Ion: 41 Resp: 583625
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.8 83.6



#10
 Heptane
 Concen: 8.718 ppbv
 RT: 7.562 min Scan# 1542
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

Tgt Ion: 43 Resp: 1431602
 Ion Ratio Lower Upper
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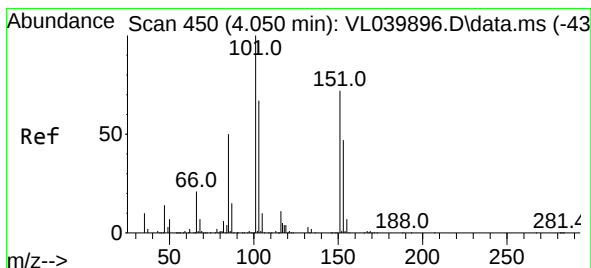
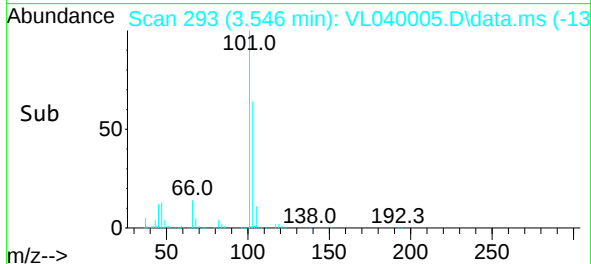
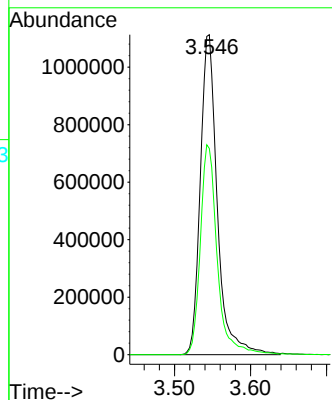
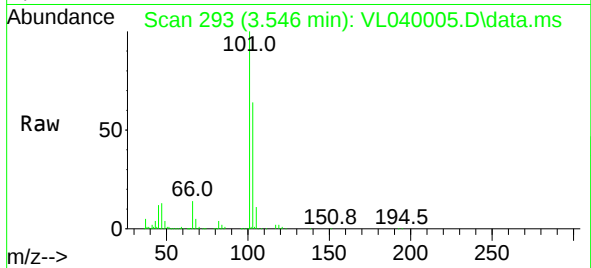




#11
 Trichlorofluoromethane
 Concen: 9.456 ppbv
 RT: 3.546 min Scan# 292
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

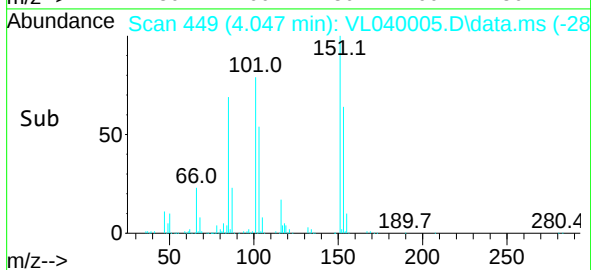
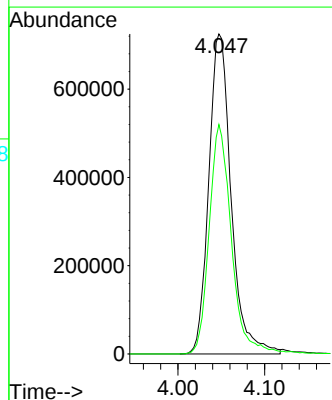
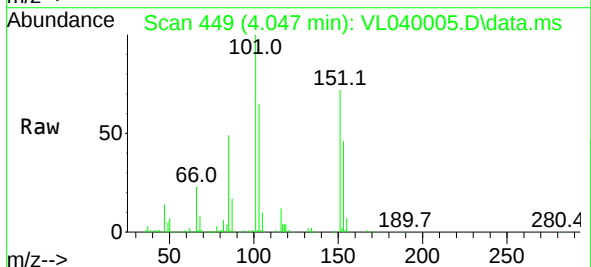
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

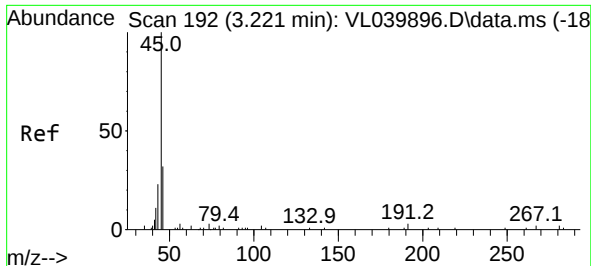
Tgt Ion:101 Resp: 1729502
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.408 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

Tgt Ion:101 Resp: 1302222
 Ion Ratio Lower Upper
 101 100
 151 71.7 59.6 89.4

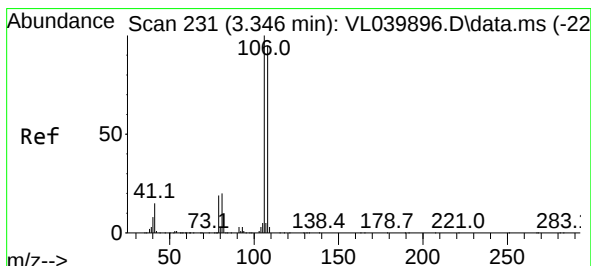
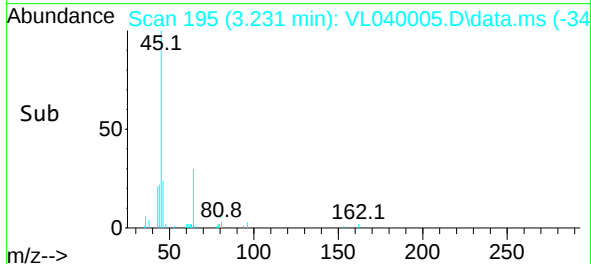
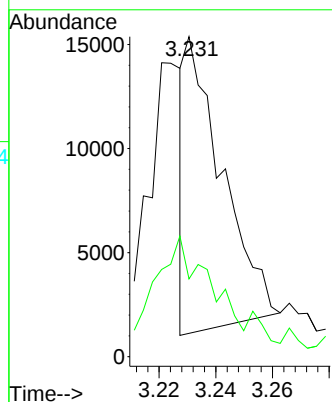
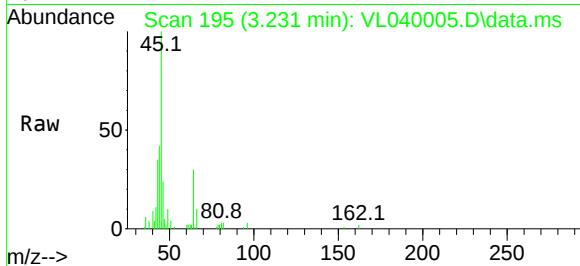




#13
Ethanol
Concen: 2.472 ppbv
RT: 3.231 min Scan# 192
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

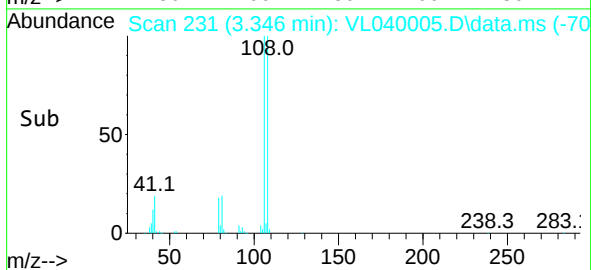
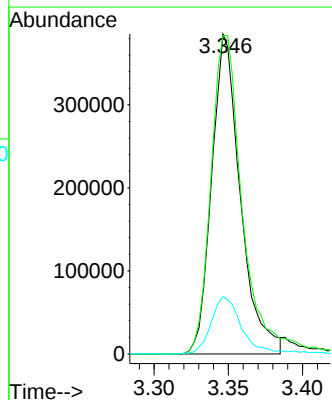
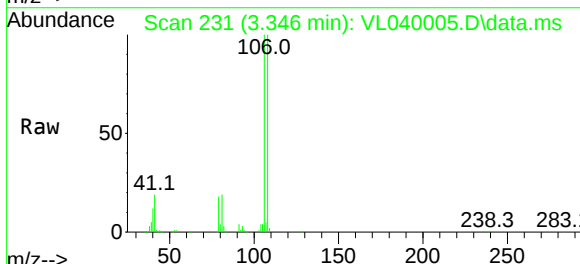
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

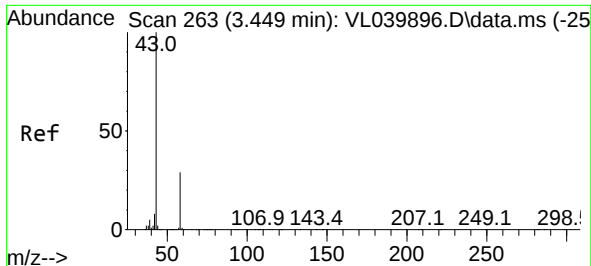
Tgt Ion: 45 Resp: 12842
Ion Ratio Lower Upper
45 100
46 84.8 14.6 58.2#



#14
Bromoethene
Concen: 9.572 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 108 Resp: 516679
Ion Ratio Lower Upper
108 100
106 111.8 87.3 130.9
79 19.8 15.9 23.9

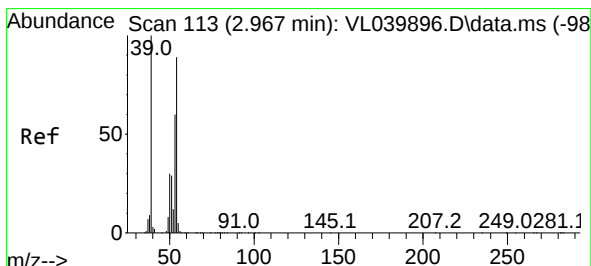
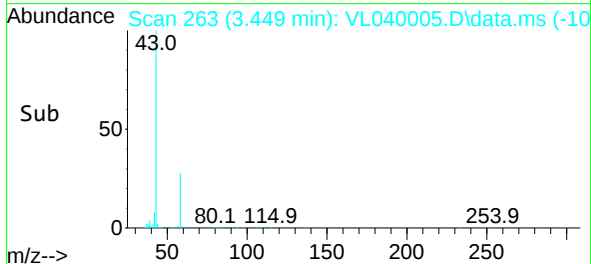
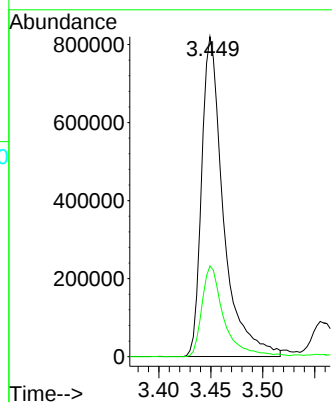
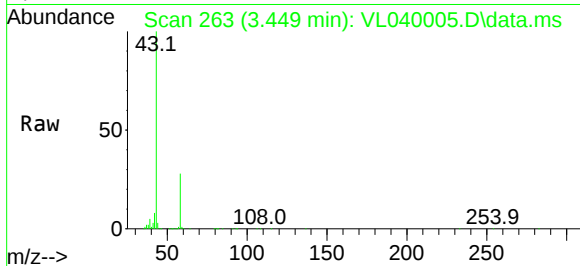




#15
Acetone
Concen: 8.627 ppbv
RT: 3.449 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

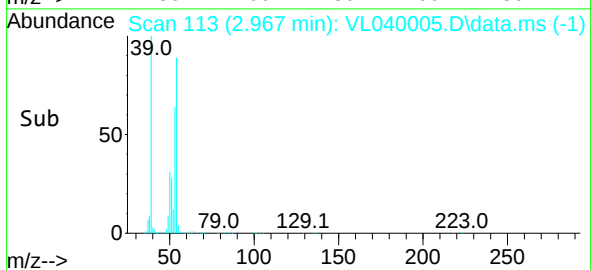
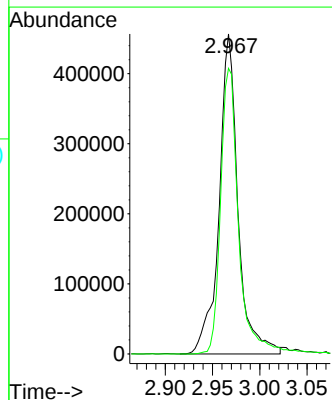
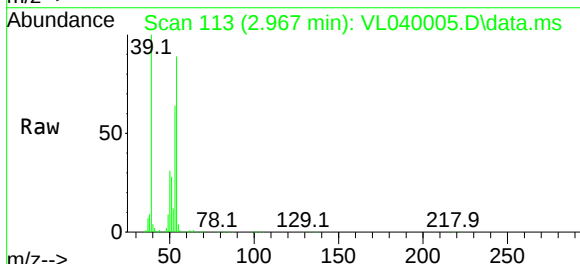
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

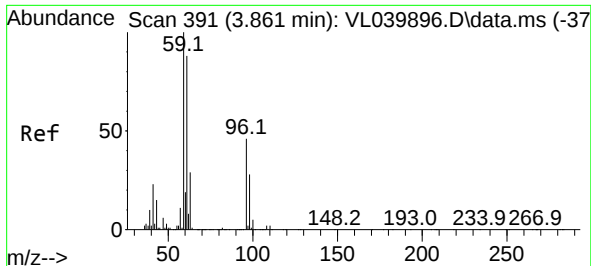
Tgt Ion: 43 Resp: 1197950
Ion Ratio Lower Upper
43 100
58 29.0 22.9 34.3



#16
1,3-Butadiene
Concen: 9.168 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 39 Resp: 634479
Ion Ratio Lower Upper
39 100
54 86.3 66.6 99.8

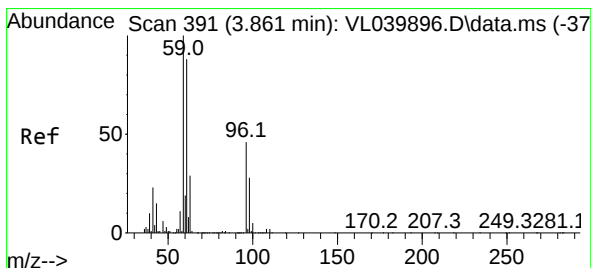
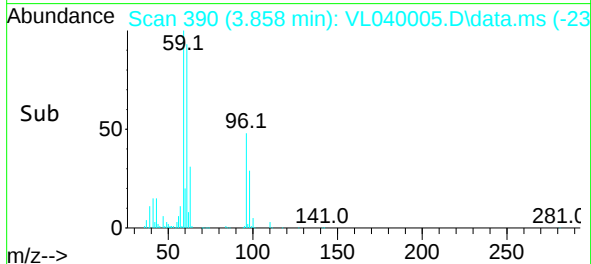
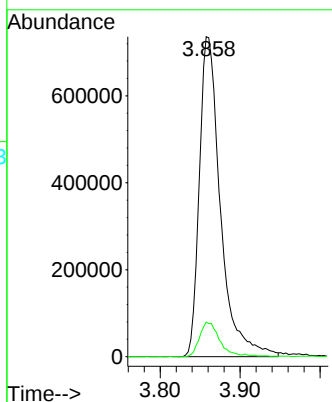
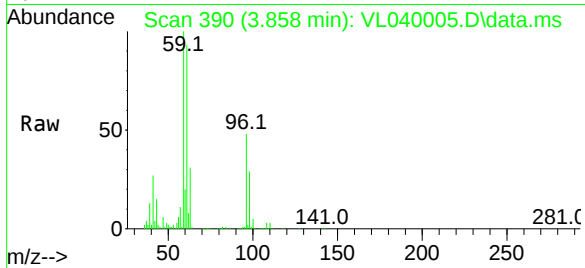




#17
tert-Butyl alcohol
Concen: 8.457 ppbv
RT: 3.858 min Scan# 390
Delta R.T. 0.013 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

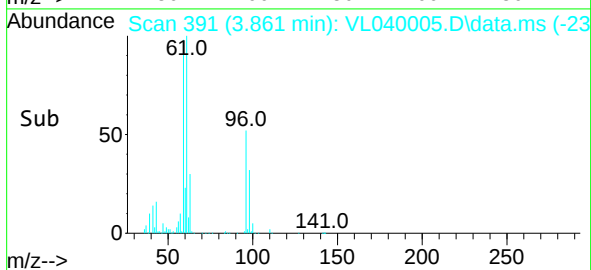
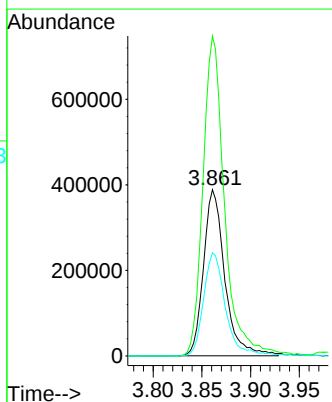
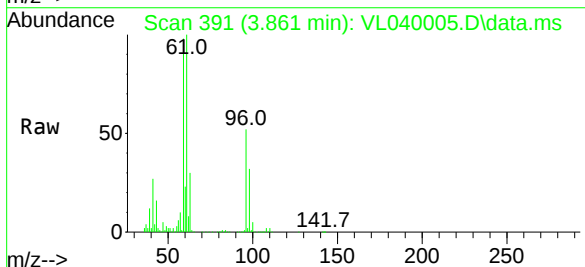
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

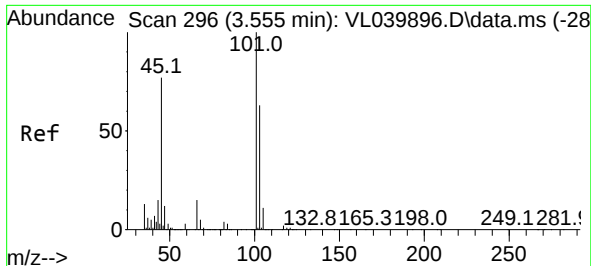
Tgt Ion: 59 Resp: 1350276
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#18
1,1-Dichloroethene
Concen: 9.386 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 96 Resp: 592663
Ion Ratio Lower Upper
96 100
61 192.5 153.4 230.2
98 62.1 48.9 73.3

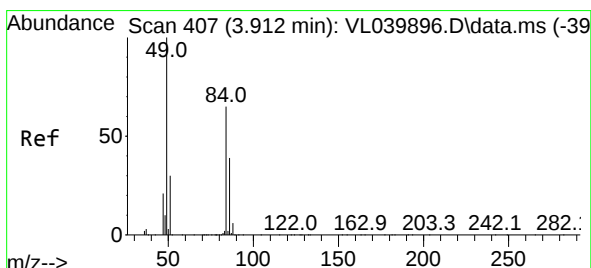
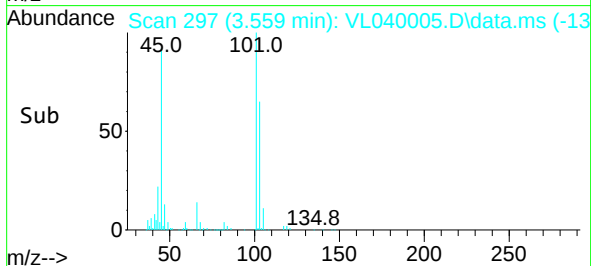
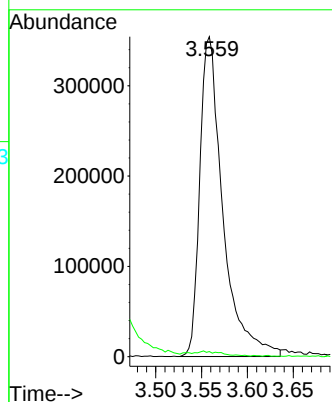
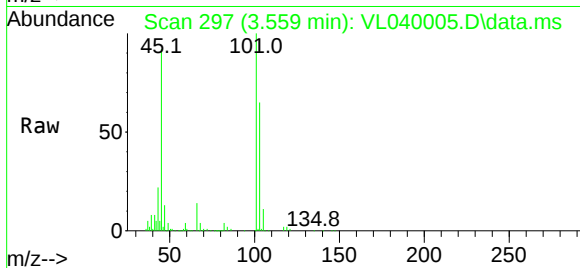




#19
Isopropyl Alcohol
Concen: 8.240 ppbv
RT: 3.559 min Scan# 296
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

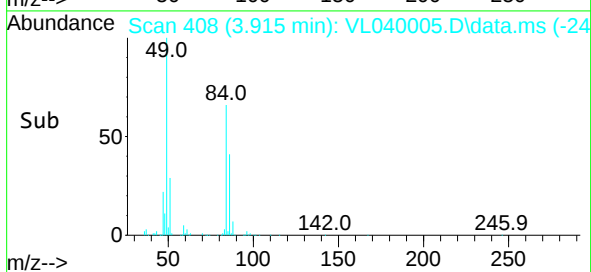
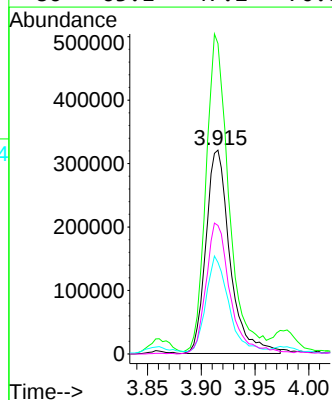
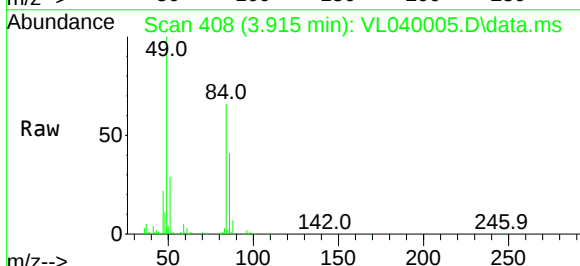
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

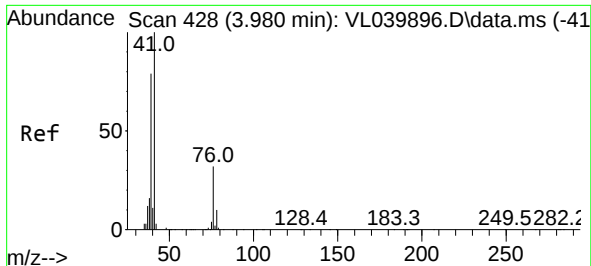
Tgt Ion: 45 Resp: 619572
Ion Ratio Lower Upper
45 100
58 2.1 38.7 58.1#



#20
Methylene Chloride
Concen: 7.426 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 84 Resp: 499598
Ion Ratio Lower Upper
84 100
49 151.1 122.2 183.4
51 43.6 36.3 54.5
86 63.1 47.2 70.8

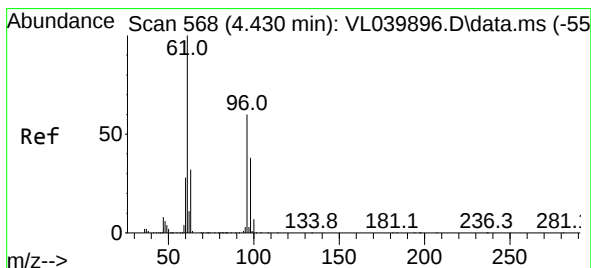
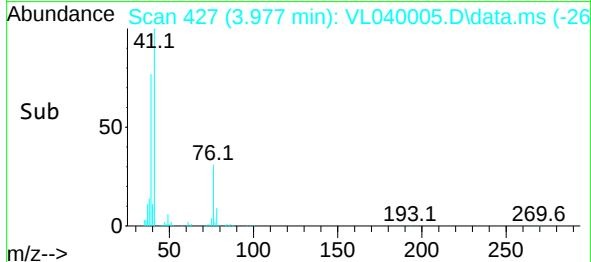
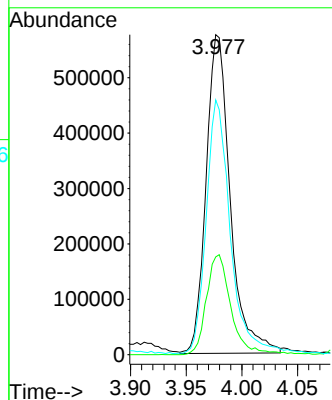
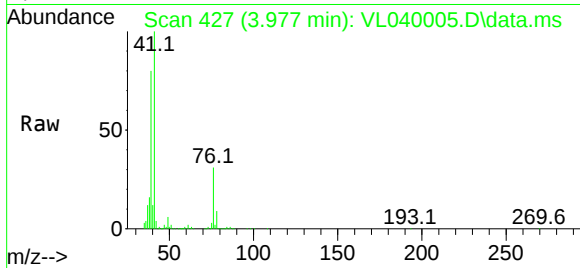




#21
 Allyl Chloride
 Concen: 9.014 ppbv
 RT: 3.977 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

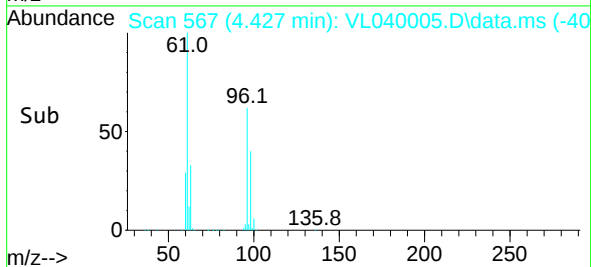
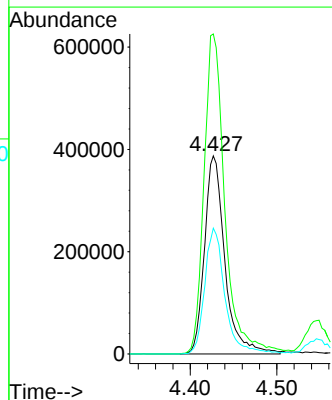
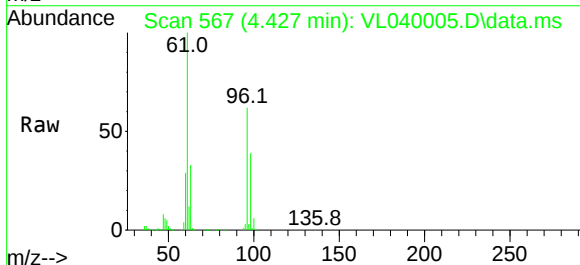
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

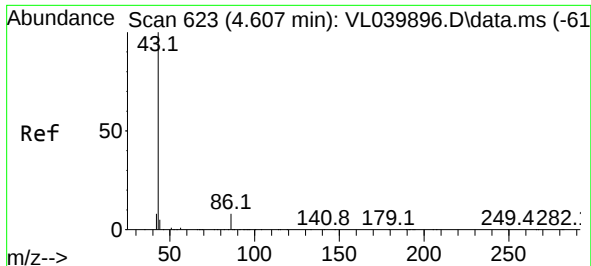
Tgt Ion: 41 Resp: 868261
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.6 38.4
 39 80.1 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.870 ppbv
 RT: 4.427 min Scan# 567
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

Tgt Ion: 96 Resp: 633765
 Ion Ratio Lower Upper
 96 100
 61 161.4 134.1 201.1
 98 63.5 50.4 75.6



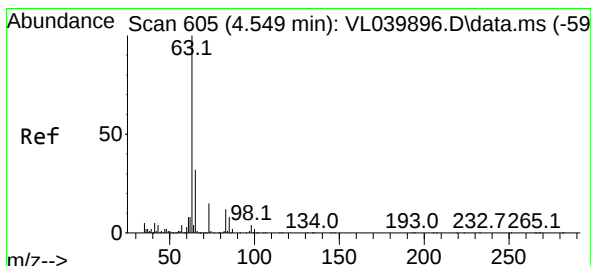
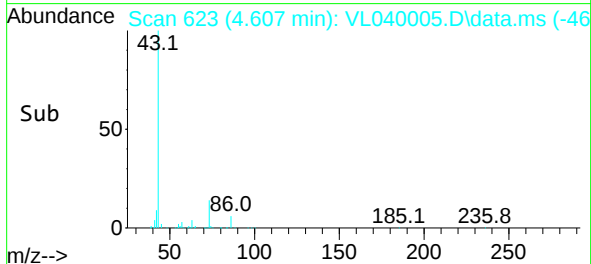
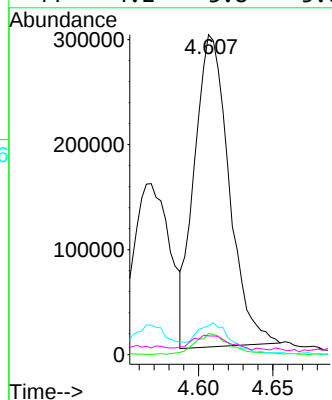
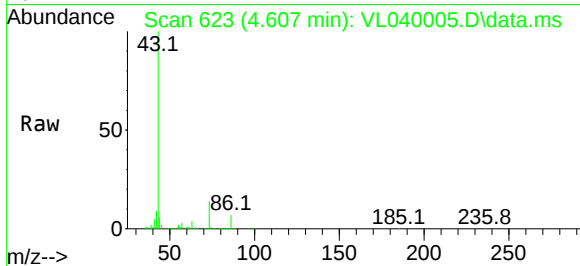


#23
 Vinyl Acetate
 Concen: 8.456 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 482419

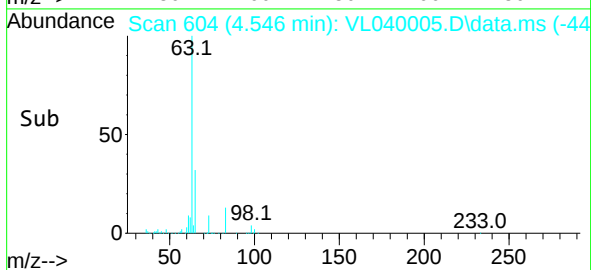
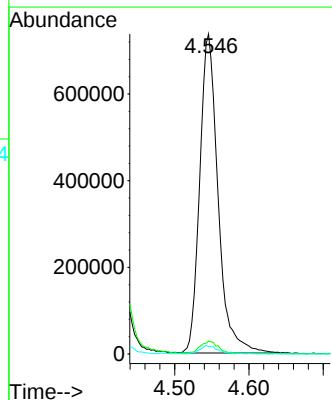
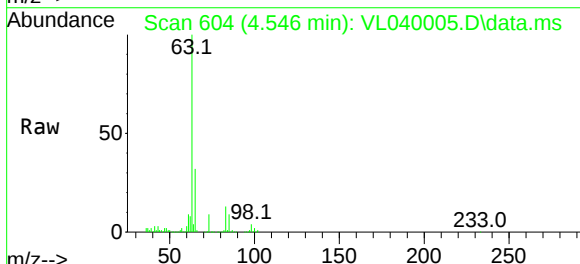
Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.0	7.4
42	8.5	7.6	11.4
44	4.2	3.8	5.6

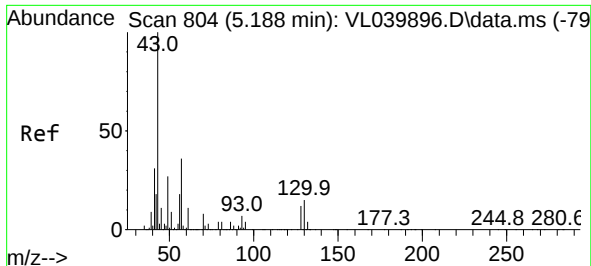


#24
 1,1-Dichloroethane
 Concen: 9.165 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

Tgt Ion: 63 Resp: 1260645

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.5
100	2.3	1.1	3.5



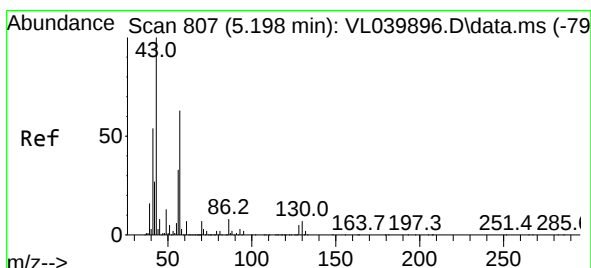
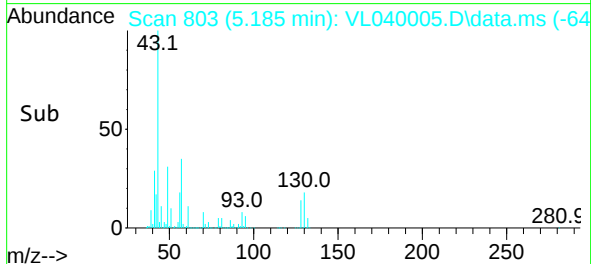
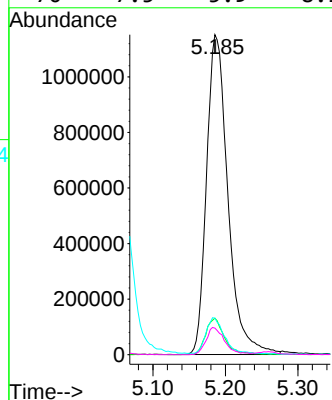
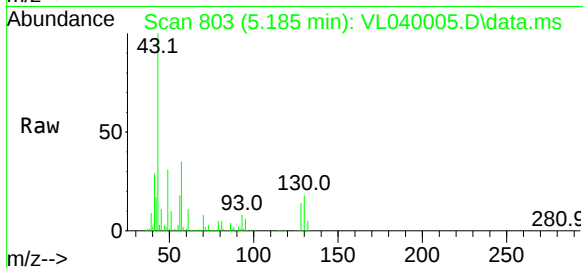


#25
Ethyl Acetate
Concen: 9.259 ppbv
RT: 5.185 min Scan# 804
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2360643

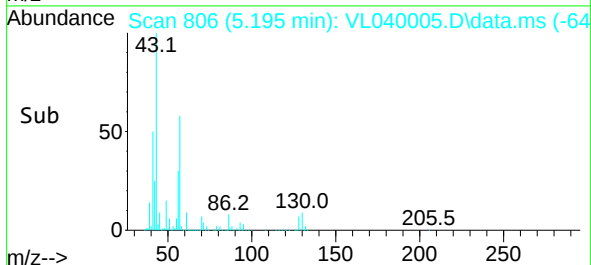
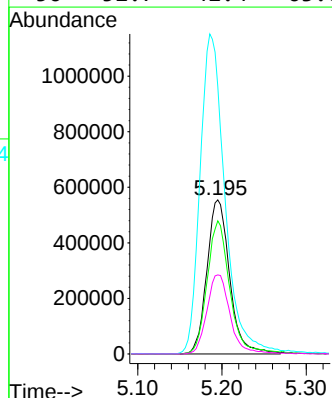
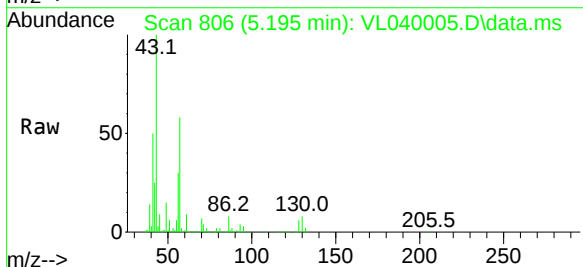
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.4	12.6
61	10.3	8.5	12.7
70	7.5	5.9	8.9

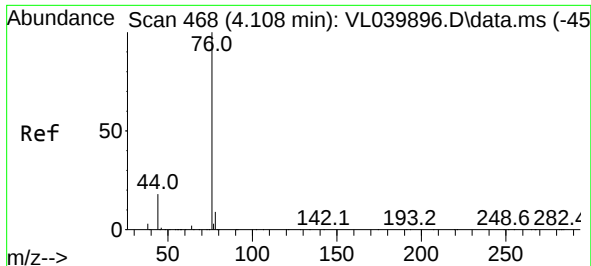


#26
Hexane
Concen: 9.331 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 57 Resp: 1039287

Ion	Ratio	Lower	Upper
57	100		
41	87.1	72.3	108.5
43	230.0	188.7	283.1
56	52.7	42.4	63.6

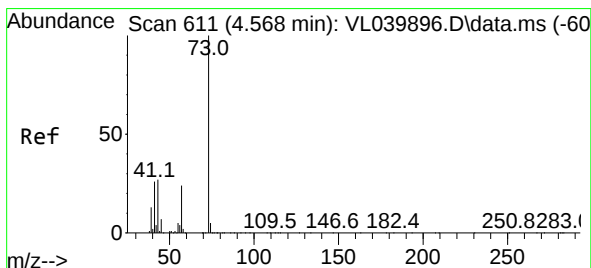
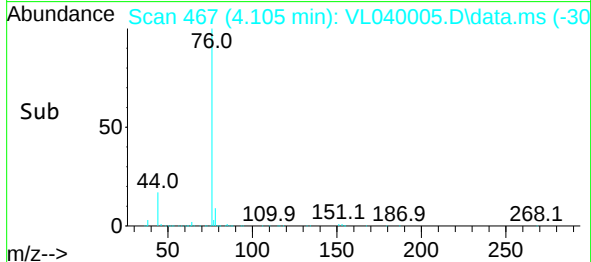
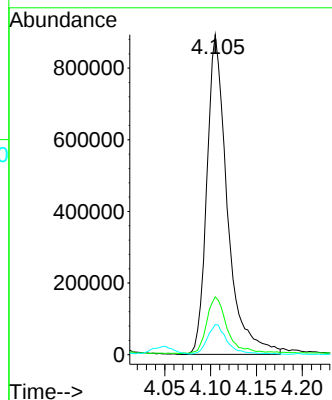
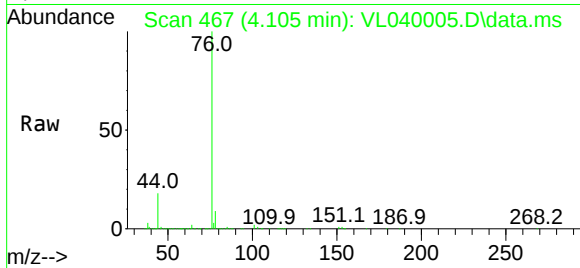




#27
Carbon Disulfide
Concen: 9.851 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

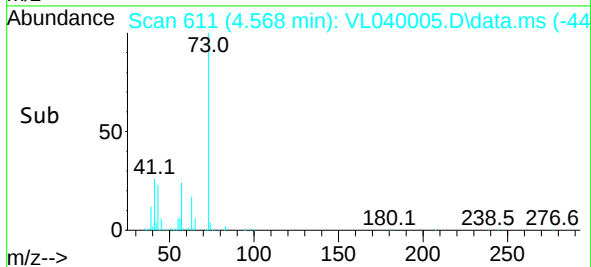
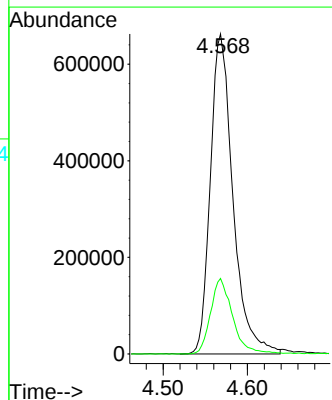
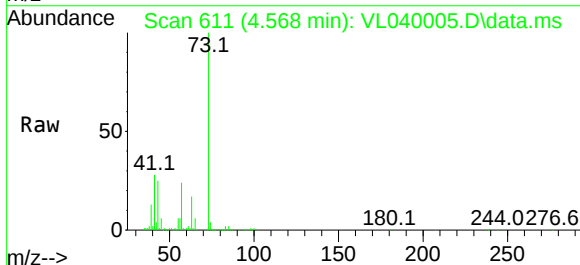
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

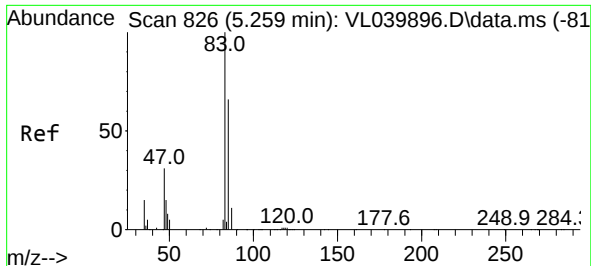
Tgt Ion: 76 Resp: 1385224
Ion Ratio Lower Upper
76 100
44 18.0 14.7 22.1
78 9.5 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 8.845 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 73 Resp: 1233515
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 11.685 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

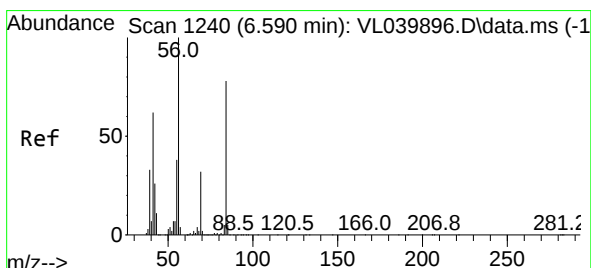
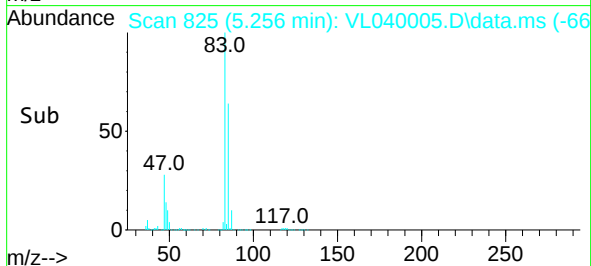
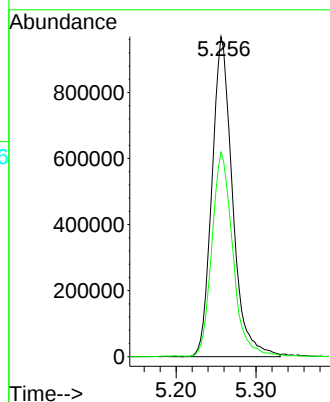
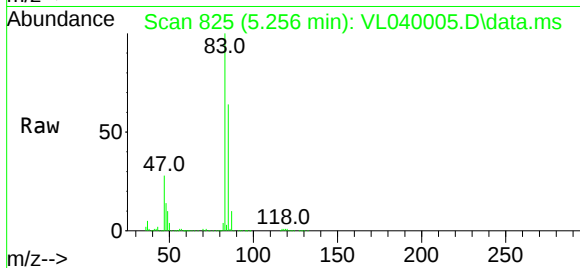
VSTDCCC010

Tgt Ion: 83 Resp: 1729524

Ion Ratio Lower Upper

83 100

85 63.8 52.4 78.6



#30

Cyclohexane

Concen: 8.935 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.023 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

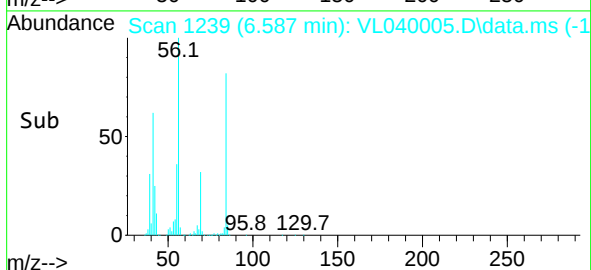
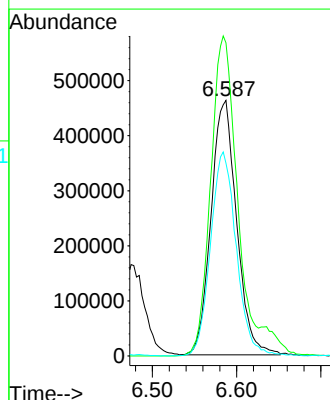
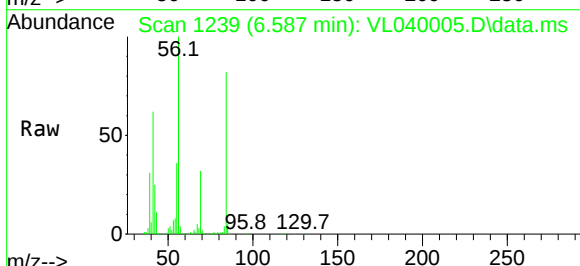
Tgt Ion: 84 Resp: 976639

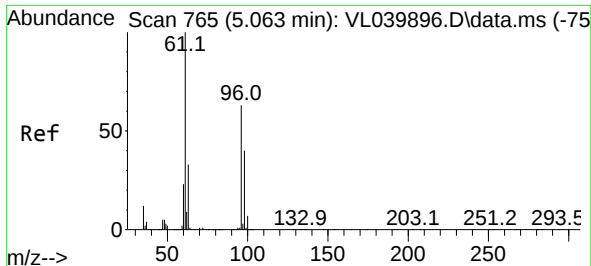
Ion Ratio Lower Upper

84 100

56 135.8 112.5 168.7

41 80.6 67.8 101.8

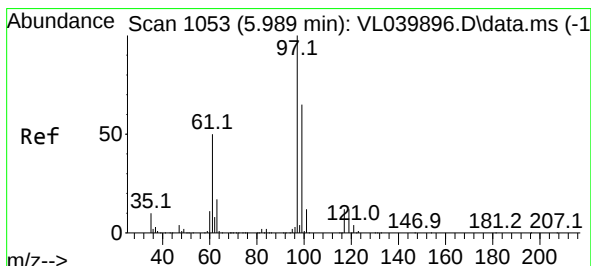
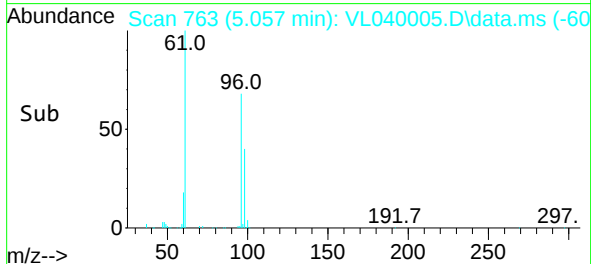
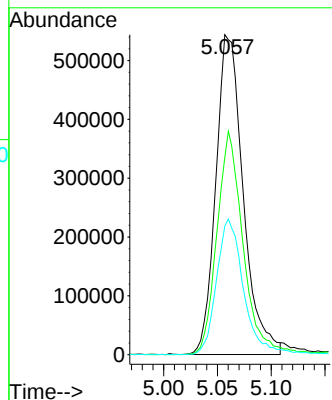
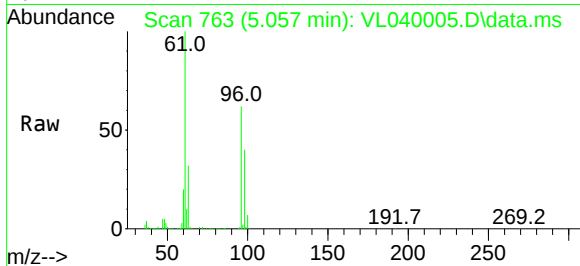




#31
 cis-1,2-Dichloroethene
 Concen: 9.359 ppbv
 RT: 5.057 min Scan# 765
 Delta R.T. 0.016 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

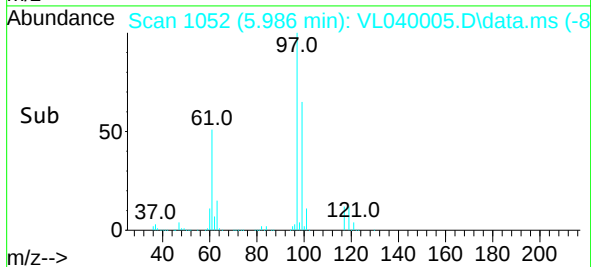
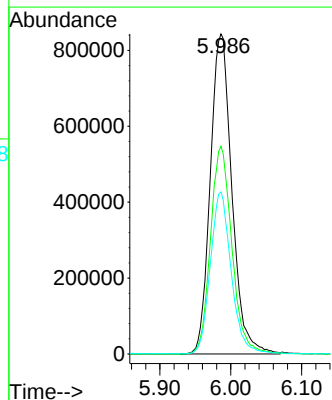
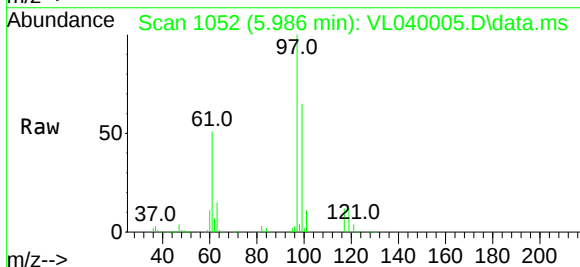
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

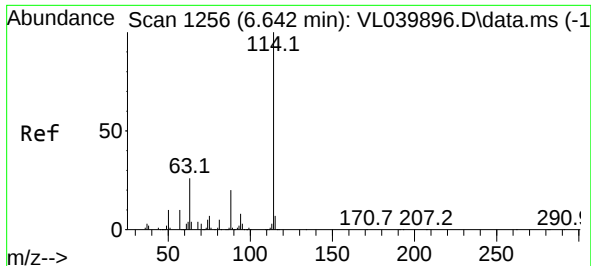
Tgt Ion: 61 Resp: 963102
 Ion Ratio Lower Upper
 61 100
 96 61.7 50.3 75.5
 98 40.3 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 9.660 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.020 min
 Lab File: VL040005.D
 Acq: 13 Dec 2022 14:10

Tgt Ion: 97 Resp: 1785715
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.4 77.0
 61 49.0 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

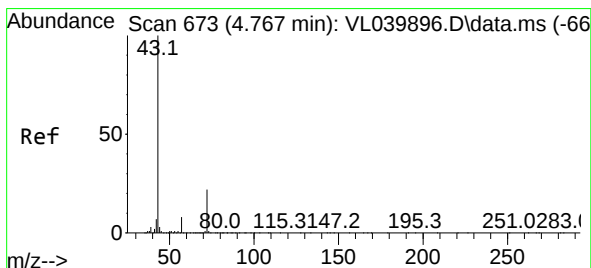
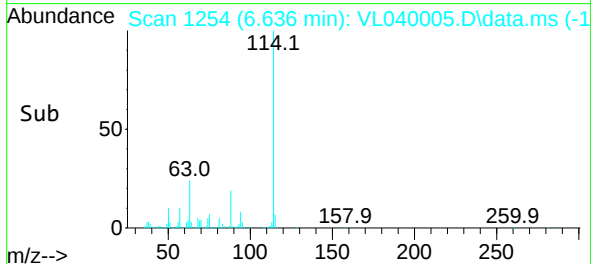
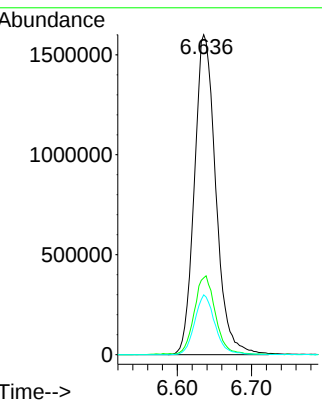
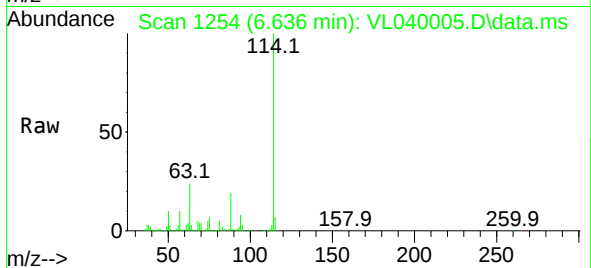
Tgt Ion:114 Resp: 3202052

Ion Ratio Lower Upper

114 100

63 24.7 21.4 32.0

88 17.9 15.3 22.9



#34

2-Butanone

Concen: 8.971 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.016 min

Lab File: VL040005.D

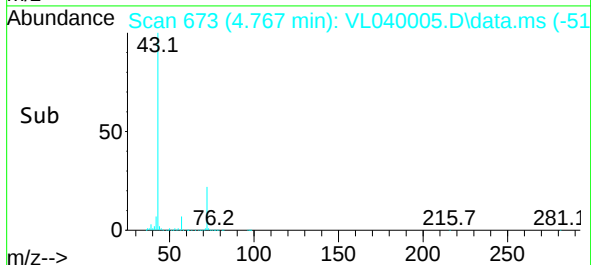
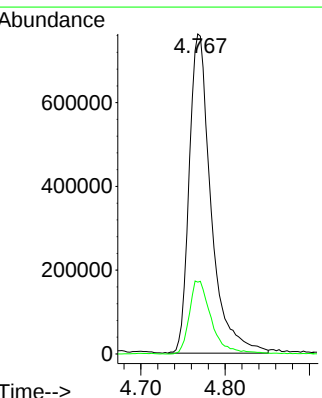
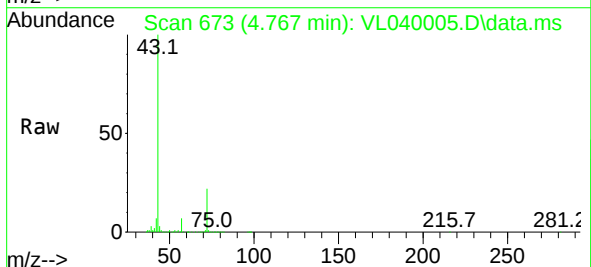
Acq: 13 Dec 2022 14:10

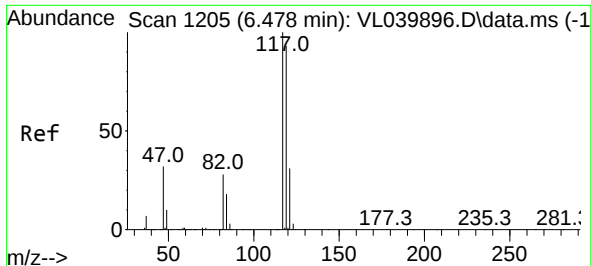
Tgt Ion: 43 Resp: 1374531

Ion Ratio Lower Upper

43 100

72 23.2 17.4 26.2

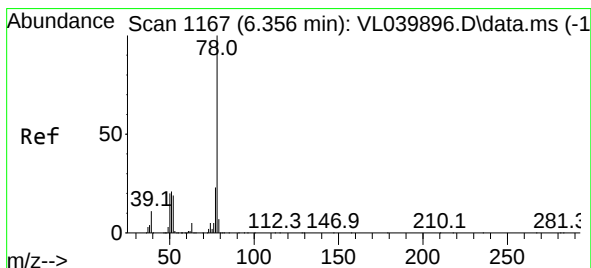
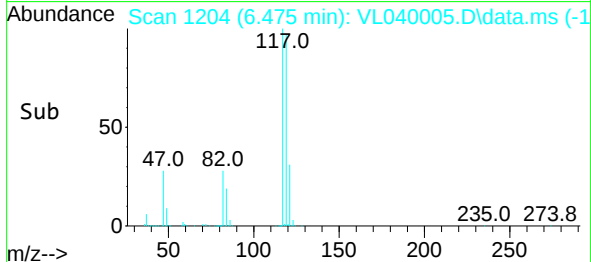
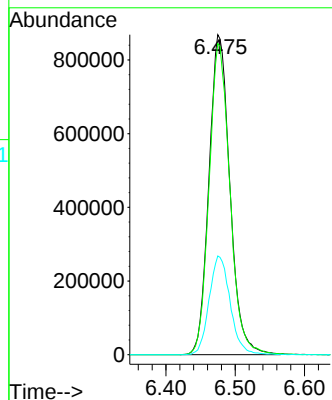
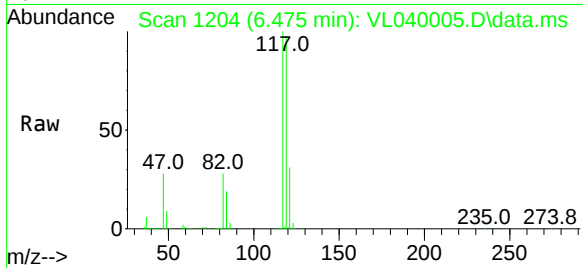




#35
Carbon Tetrachloride
Concen: 10.029 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

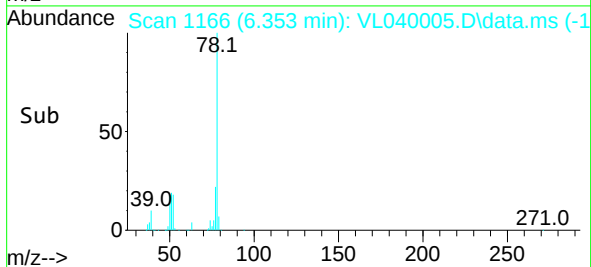
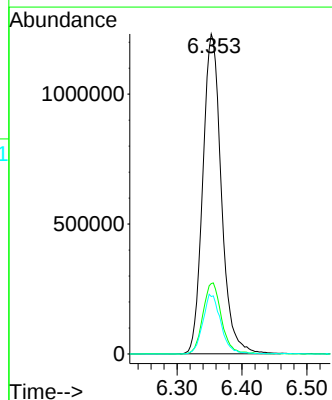
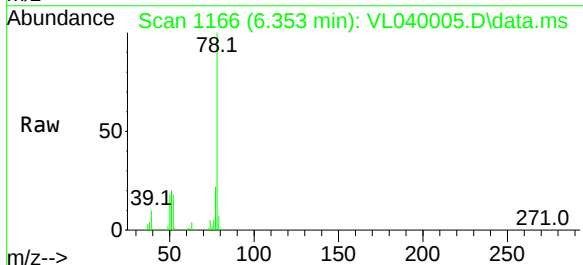
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

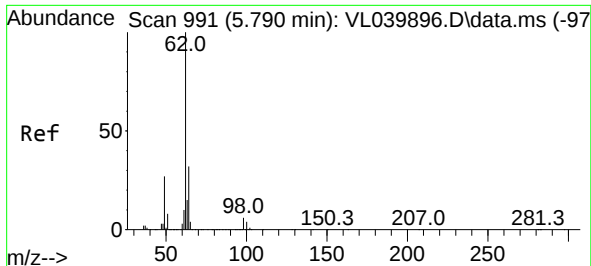
Tgt Ion:117 Resp: 1823664
Ion Ratio Lower Upper
117 100
119 97.2 74.7 112.1
121 30.8 24.5 36.7



#36
Benzene
Concen: 8.995 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 78 Resp: 2448131
Ion Ratio Lower Upper
78 100
77 22.0 18.2 27.2
50 18.0 15.8 23.8





#37

1,2-Dichloroethane

Concen: 9.116 ppbv

RT: 5.790 min Scan# 991

Delta R.T. 0.023 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

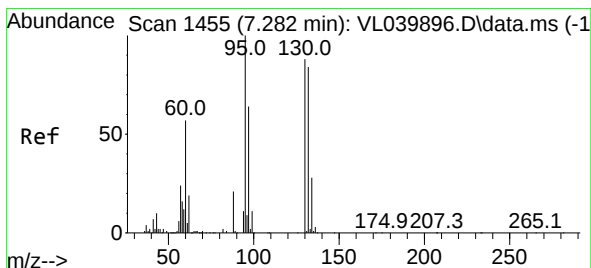
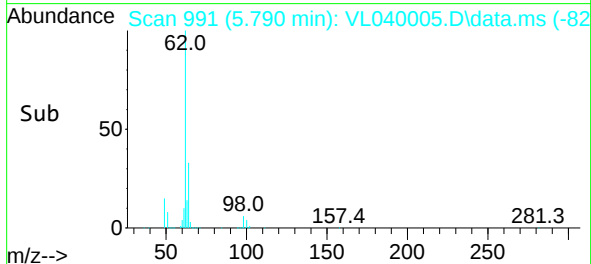
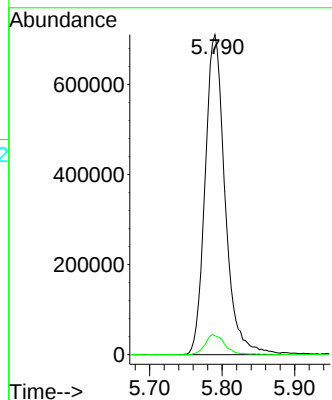
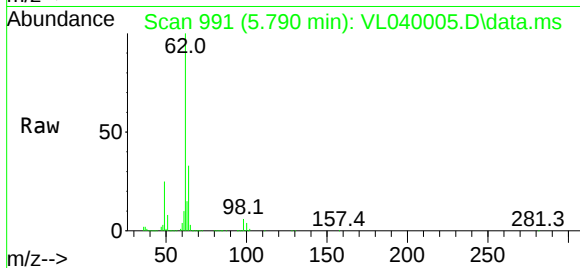
VSTDCCC010

Tgt Ion: 62 Resp: 1359606

Ion Ratio Lower Upper

62 100

98 6.4 5.0 7.6



#38

Trichloroethene

Concen: 9.142 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Tgt Ion:130 Resp: 1390959

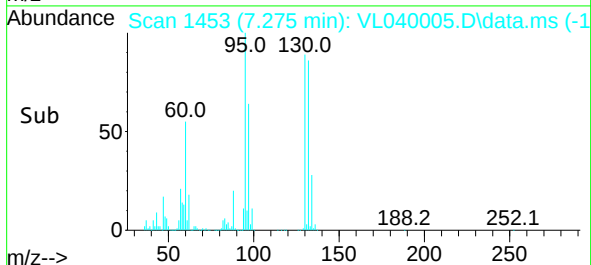
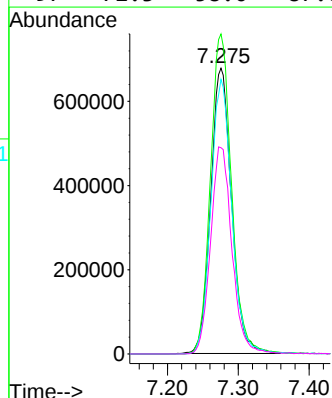
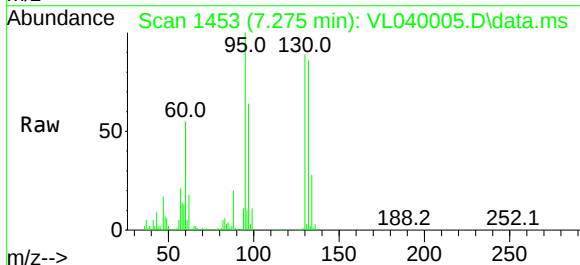
Ion Ratio Lower Upper

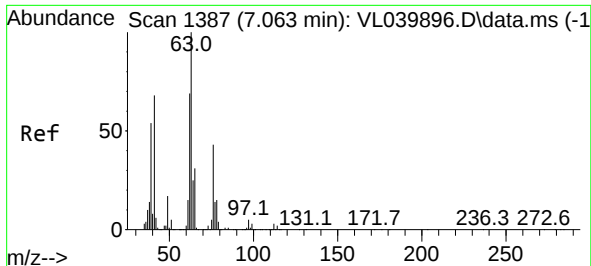
130 100

95 112.1 90.6 135.8

132 96.2 76.2 114.4

97 72.3 58.0 87.0





#39

1,2-Dichloropropane

Concen: 8.764 ppbv

RT: 7.057 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

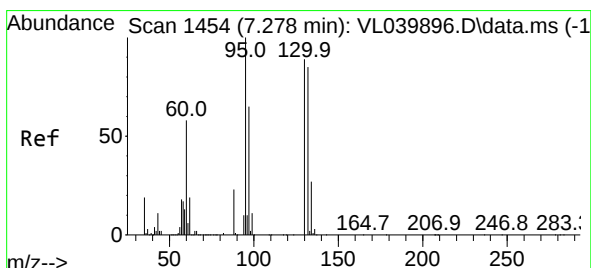
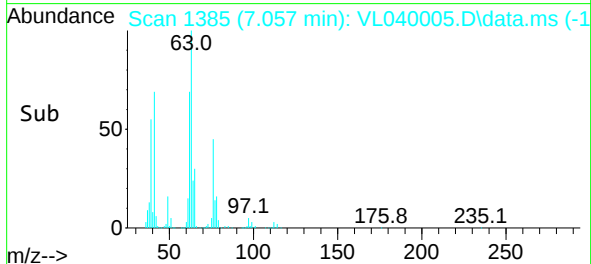
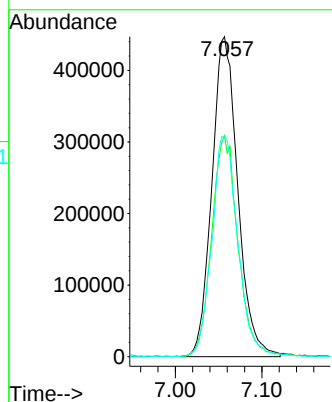
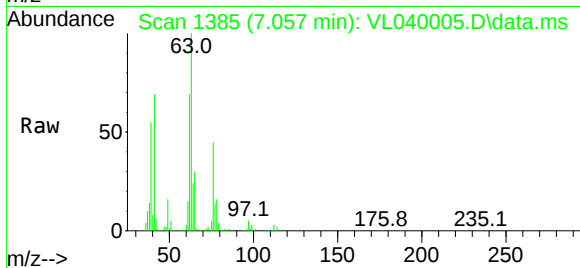
Tgt Ion: 63 Resp: 929312

Ion Ratio Lower Upper

63 100

41 69.0 54.7 82.1

62 68.9 55.0 82.6



#40

1,4-Dioxane

Concen: 8.314 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.016 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Tgt Ion: 88 Resp: 351225

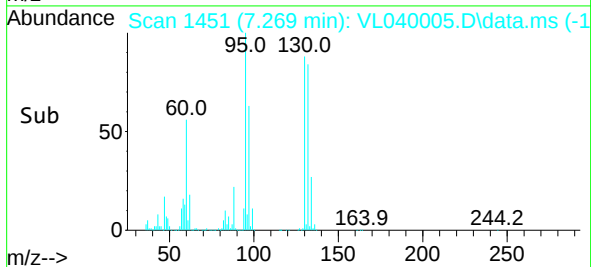
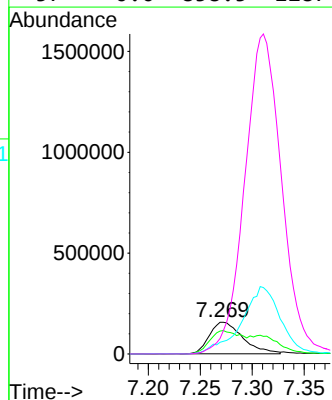
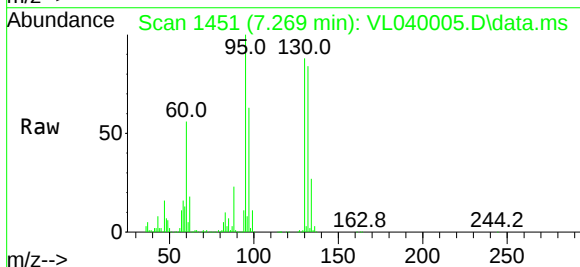
Ion Ratio Lower Upper

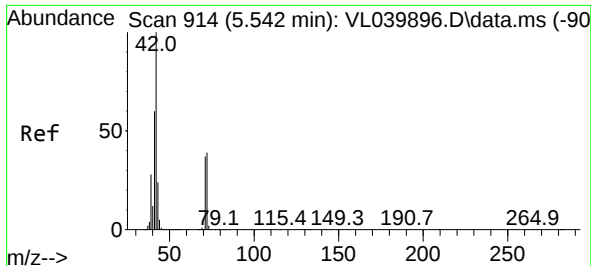
88 100

58 123.4 100.5 150.7

43 0.0 195.8 293.8#

57 0.0 858.5 1287.7#





#41

Tetrahydrofuran

Concen: 8.656 ppbv

RT: 5.539 min Scan# 914

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

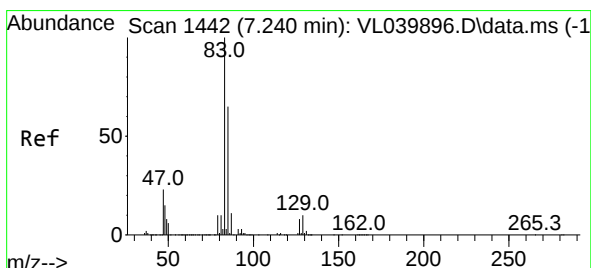
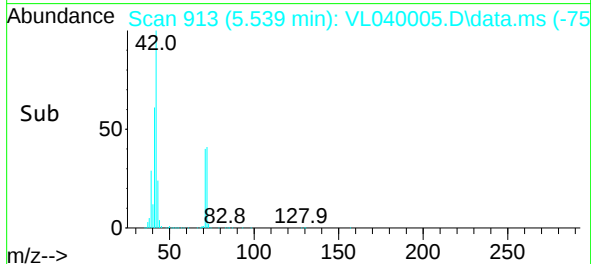
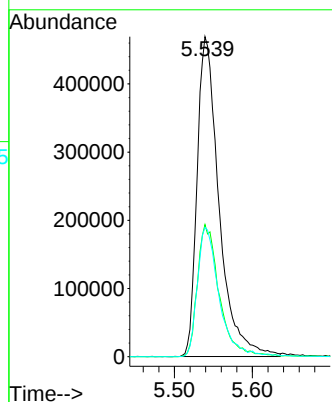
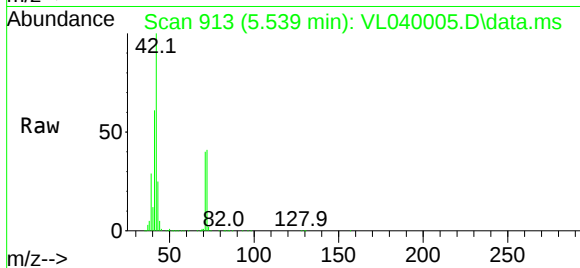
Tgt Ion: 42 Resp: 915571

Ion Ratio Lower Upper

42 100

72 41.4 31.6 47.4

71 40.5 31.2 46.8



#42

Bromodichloromethane

Concen: 9.714 ppbv

RT: 7.234 min Scan# 1440

Delta R.T. 0.023 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

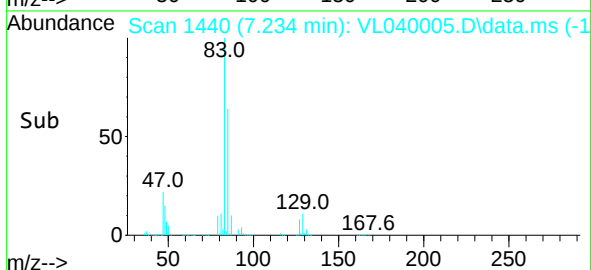
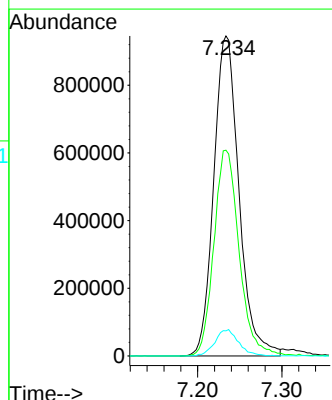
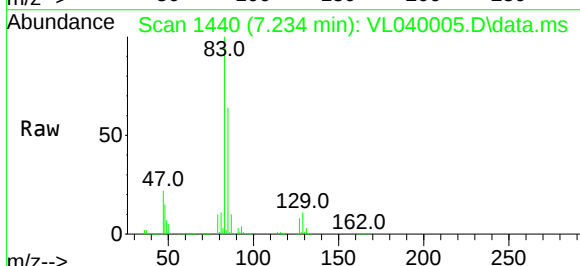
Tgt Ion: 83 Resp: 1964979

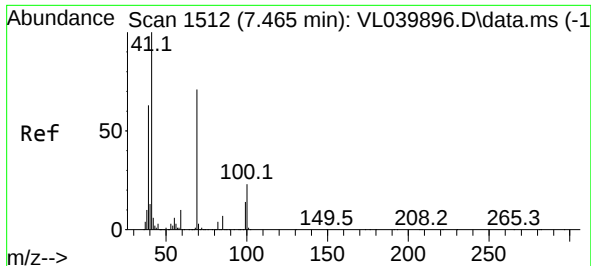
Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0

127 7.8 6.5 9.7

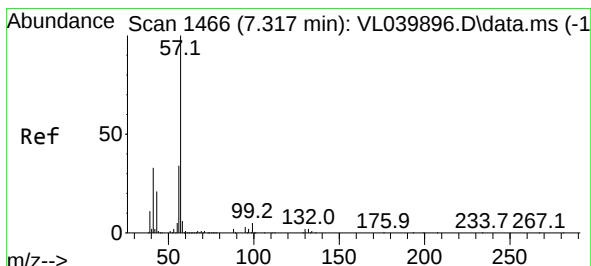
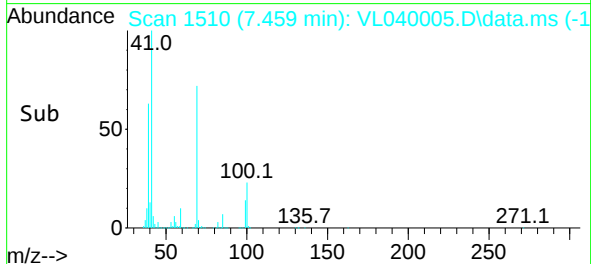
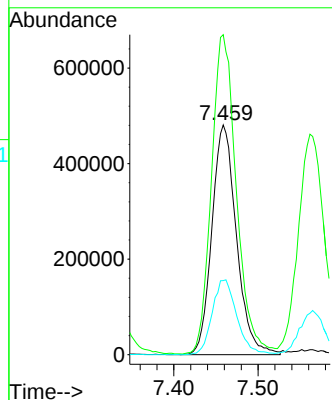
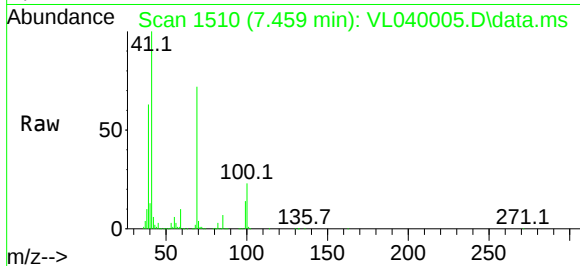




#43
Methyl Methacrylate
Concen: 9.116 ppbv
RT: 7.459 min Scan# 11
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

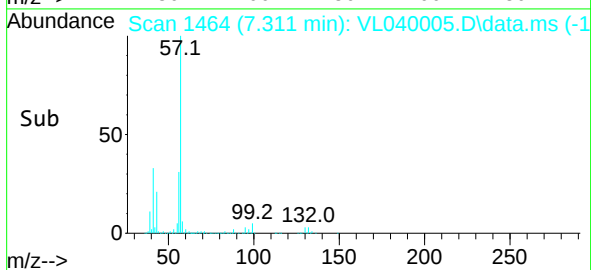
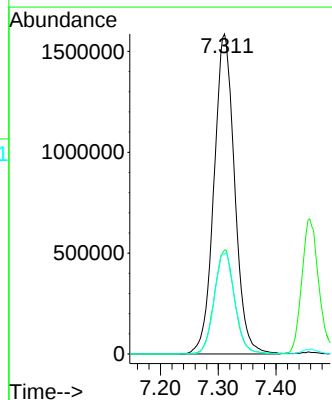
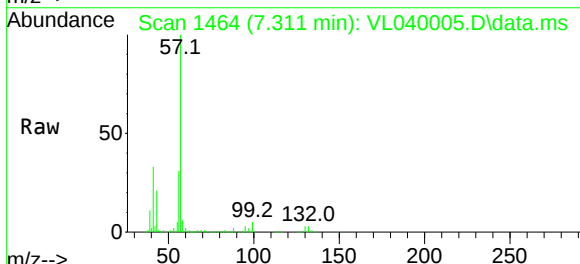
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

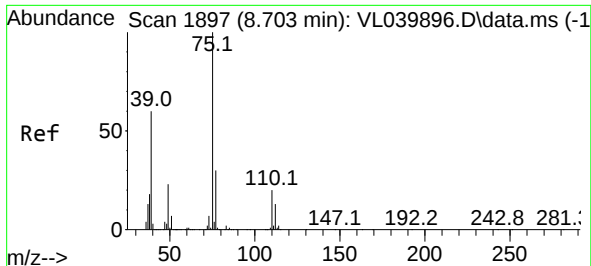
Tgt Ion: 69 Resp: 972811
Ion Ratio Lower Upper
69 100
41 141.1 116.4 174.6
100 32.7 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 8.669 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 57 Resp: 3938778
Ion Ratio Lower Upper
57 100
41 32.0 26.2 39.2
56 31.6 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 9.140 ppbv

RT: 8.697 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

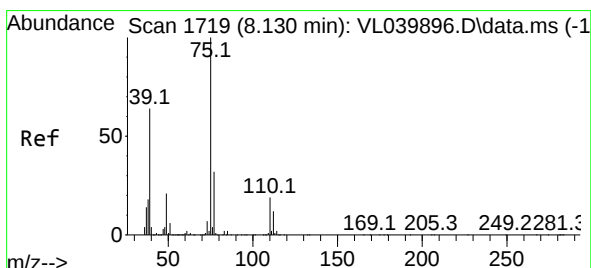
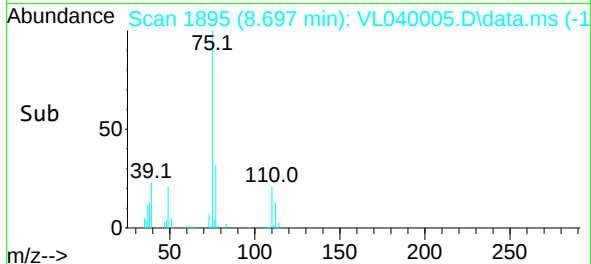
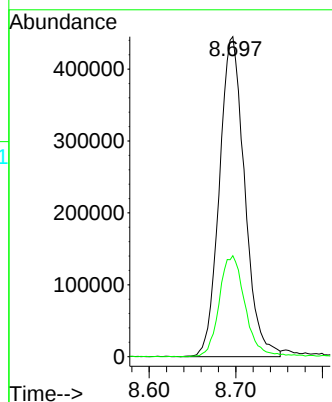
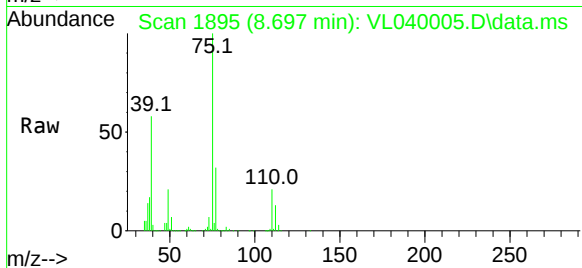
VSTDCCC010

Tgt Ion: 75 Resp: 901121

Ion Ratio Lower Upper

75 100

77 31.6 24.2 36.4



#46

cis-1,3-Dichloropropene

Concen: 8.927 ppbv

RT: 8.124 min Scan# 1717

Delta R.T. 0.016 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

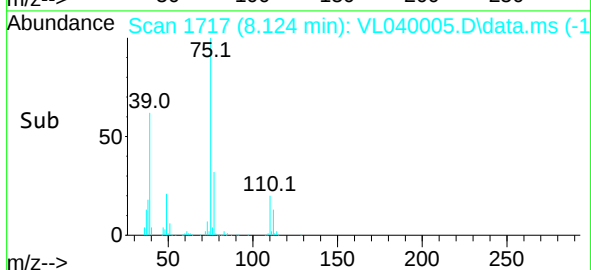
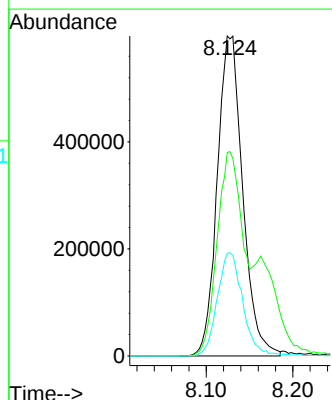
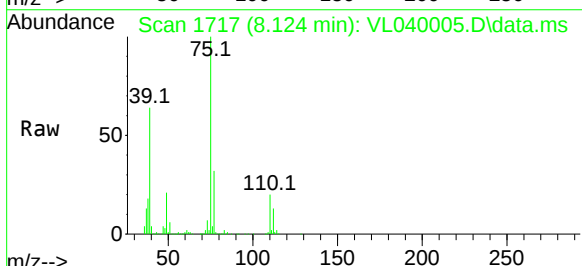
Tgt Ion: 75 Resp: 1219170

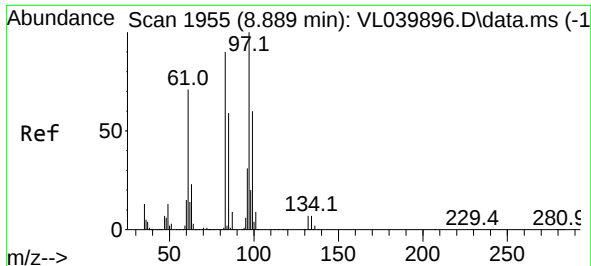
Ion Ratio Lower Upper

75 100

39 63.6 51.0 76.4

77 32.1 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.022 ppbv

RT: 8.883 min Scan# 1955

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 983203

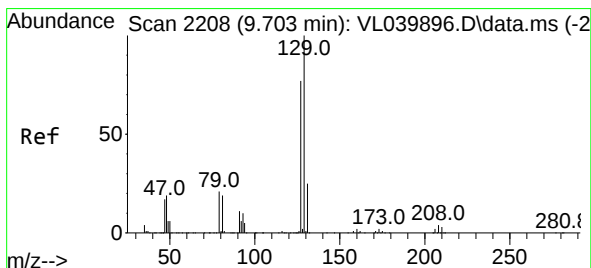
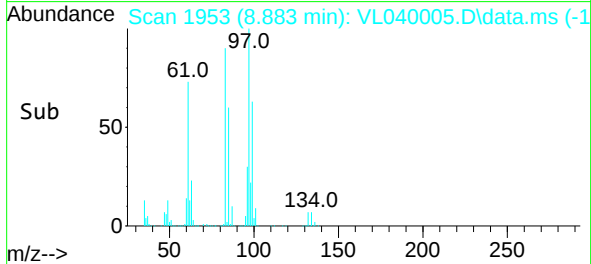
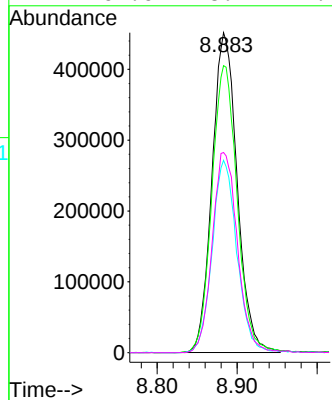
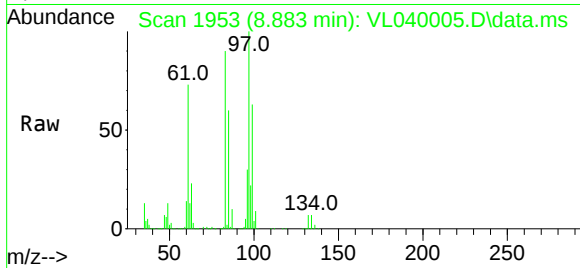
Ion Ratio Lower Upper

97 100

83 89.7 72.1 108.1

85 60.1 47.2 70.8

99 62.6 48.2 72.2



#48

Dibromochloromethane

Concen: 10.178 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. 0.023 min

Lab File: VL040005.D

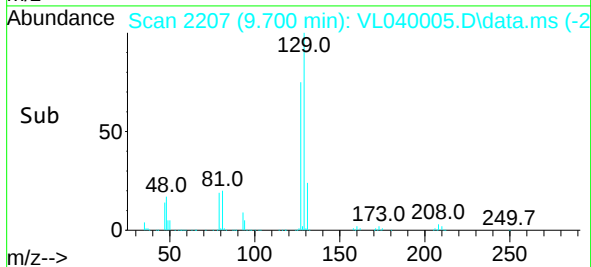
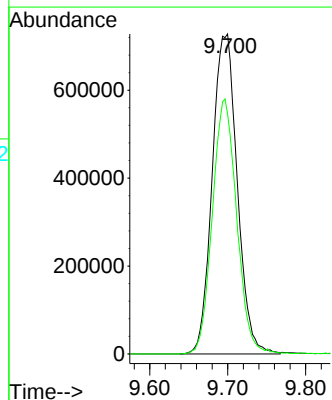
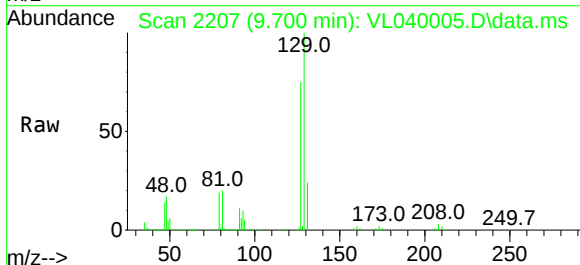
Acq: 13 Dec 2022 14:10

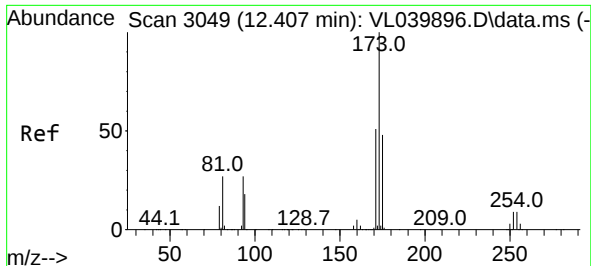
Tgt Ion: 129 Resp: 1624695

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.3

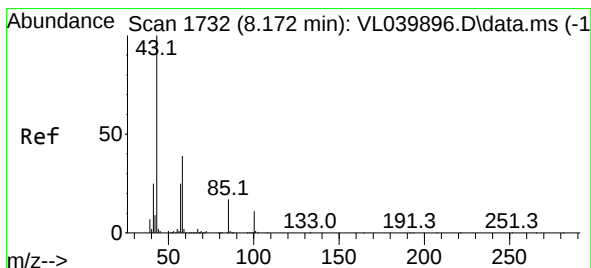
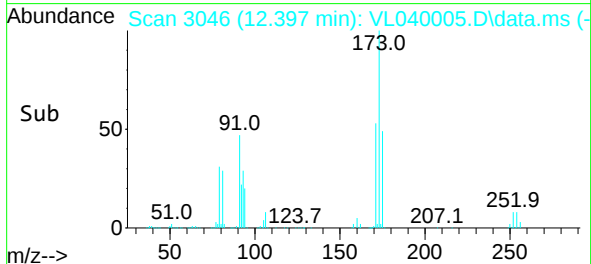
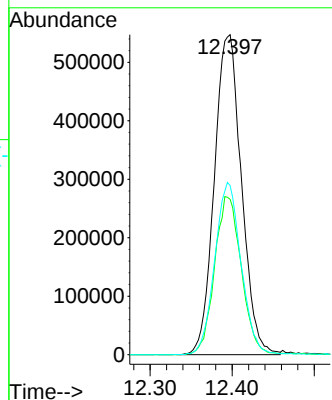
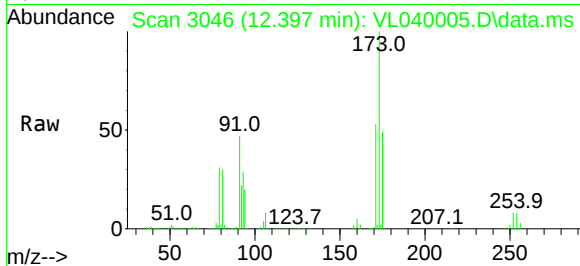




#49
Bromoform
Concen: 9.746 ppbv
RT: 12.397 min Scan# 3049
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

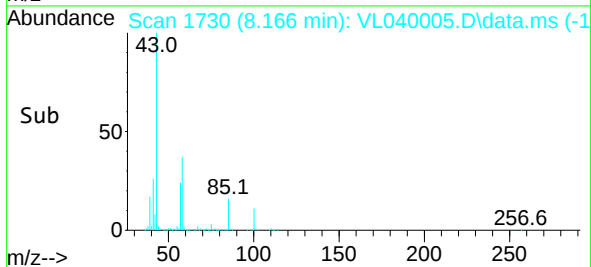
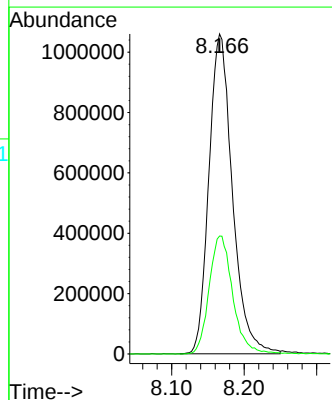
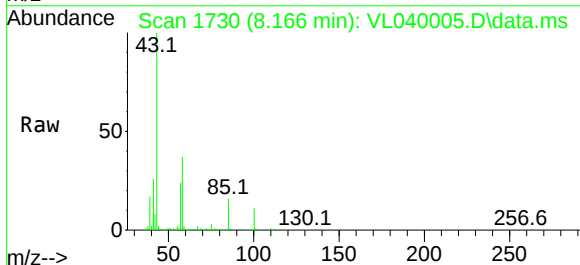
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

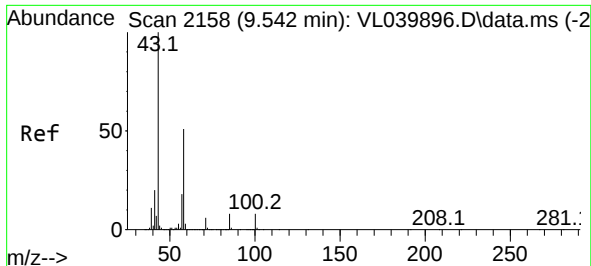
Tgt Ion:173 Resp: 1259270
Ion Ratio Lower Upper
173 100
175 48.7 39.1 58.7
171 52.2 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 8.698 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 43 Resp: 2386668
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6

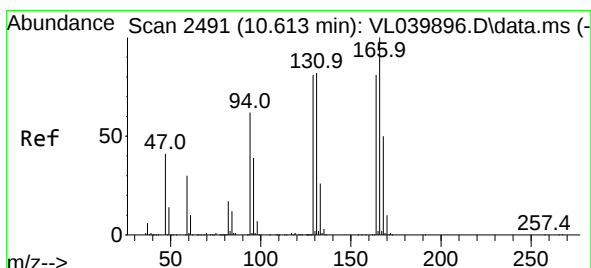
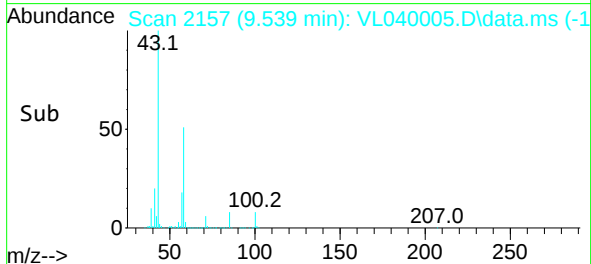
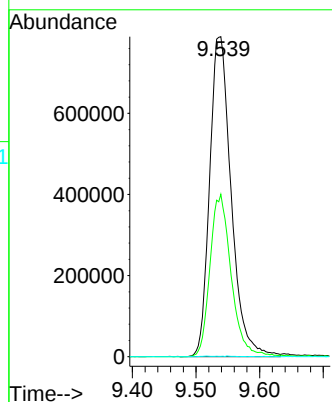
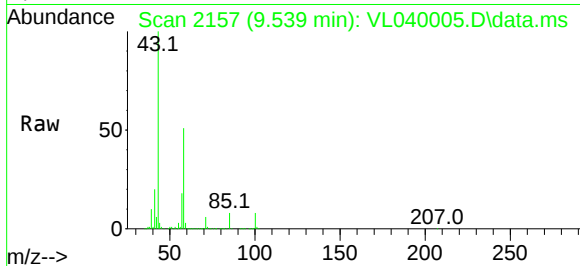




#51
2-Hexanone
Concen: 8.711 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

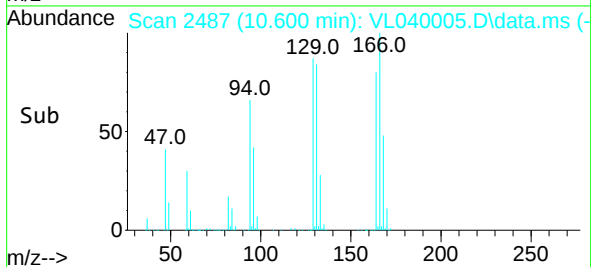
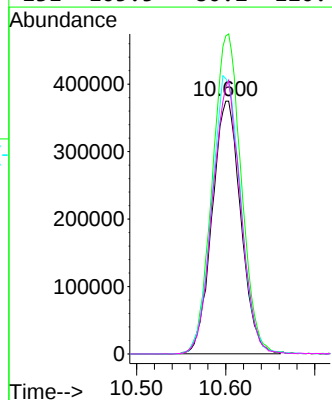
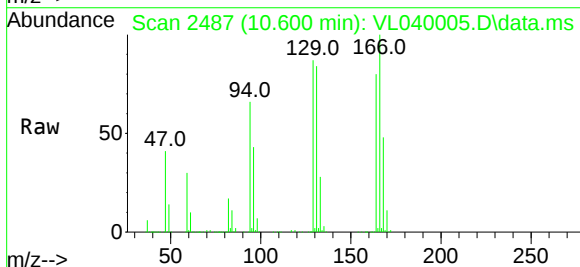
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

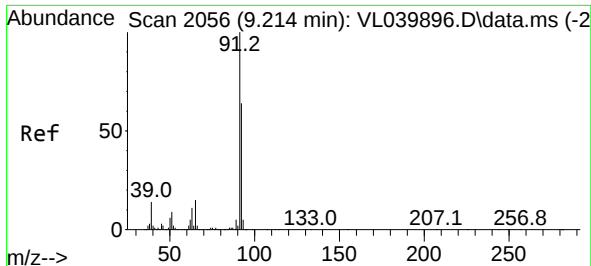
Tgt Ion: 43 Resp: 1855582
Ion Ratio Lower Upper
43 100
58 50.2 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.212 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 164 Resp: 836165
Ion Ratio Lower Upper
164 100
166 125.7 98.3 147.5
129 108.8 79.7 119.5
131 105.5 80.2 120.4

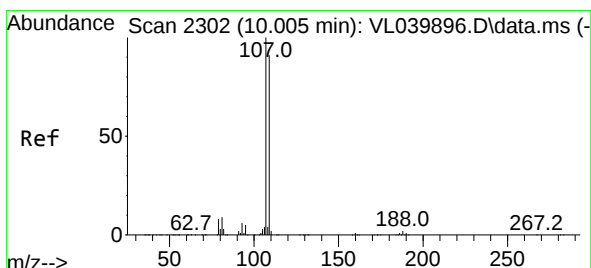
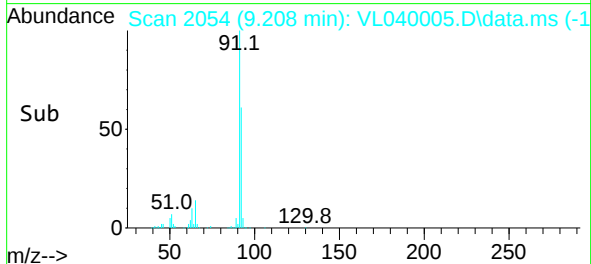
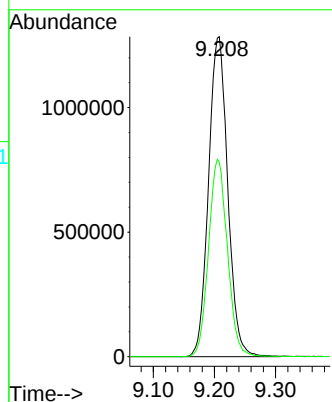
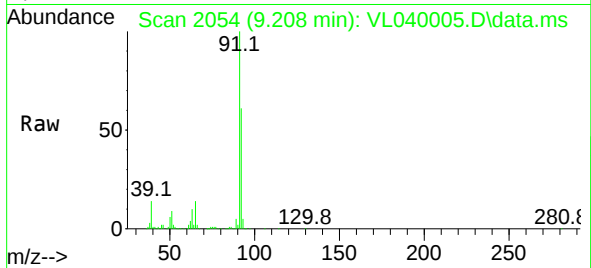




#53
Toluene
Concen: 9.037 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

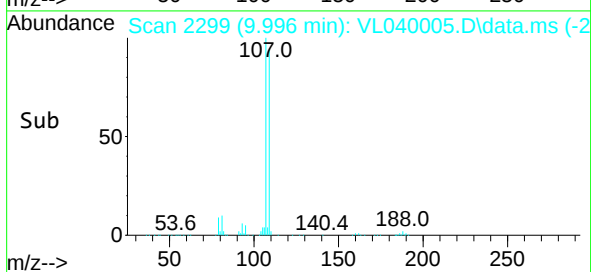
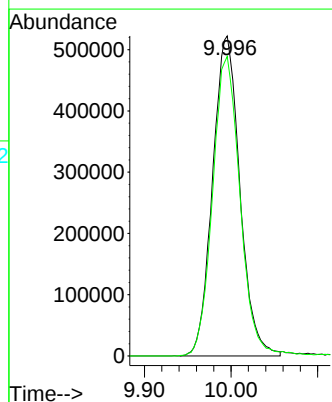
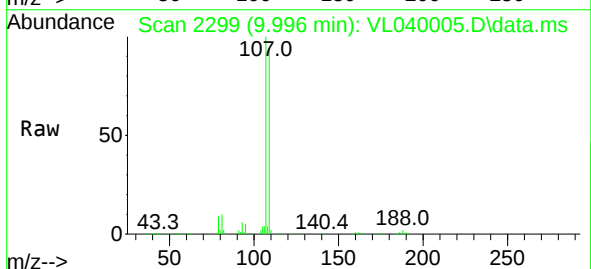
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

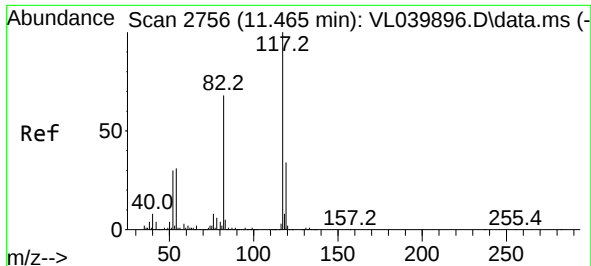
Tgt Ion: 91 Resp: 2802038
Ion Ratio Lower Upper
91 100
92 60.8 49.8 74.6



#54
1,2-Dibromoethane
Concen: 9.820 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 107 Resp: 1142092
Ion Ratio Lower Upper
107 100
109 93.5 72.8 109.2

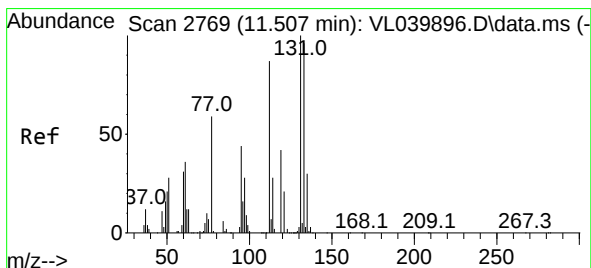
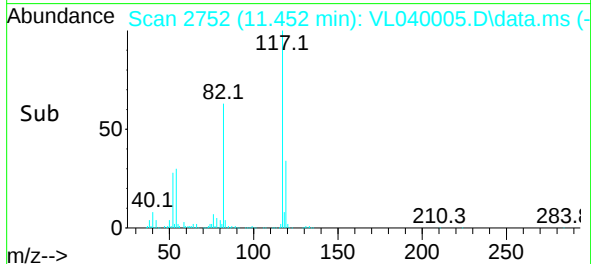
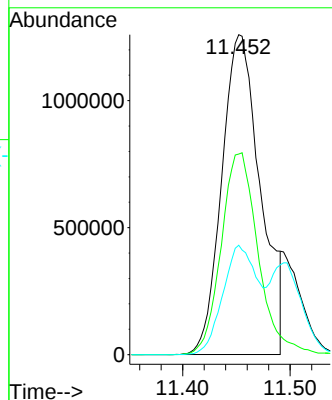
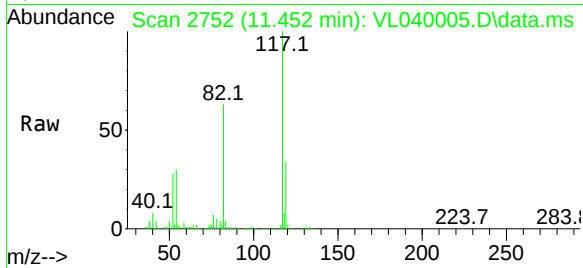




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

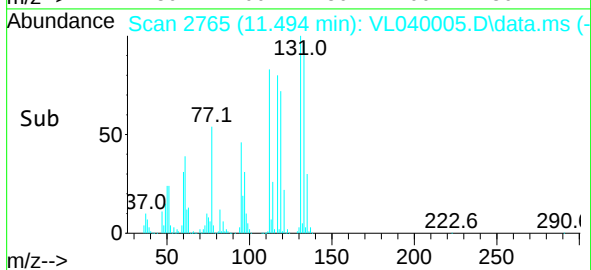
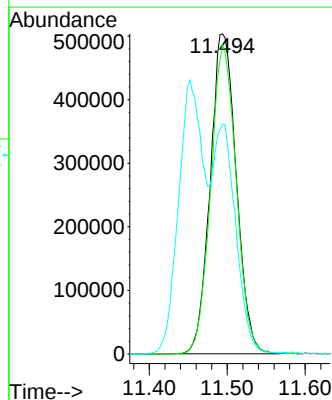
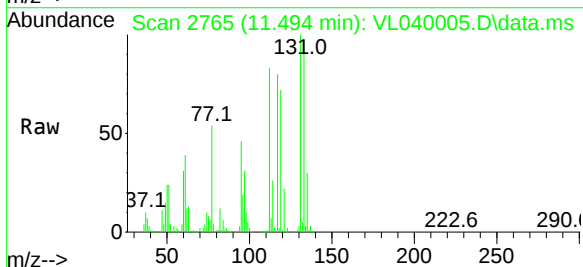
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

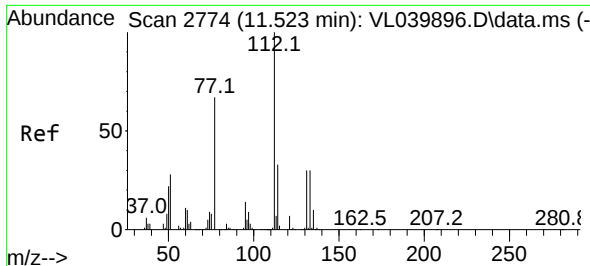
Tgt Ion:117 Resp: 3153483
Ion Ratio Lower Upper
117 100
82 60.5 52.3 78.5
119 33.4 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.062 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion:131 Resp: 1168092
Ion Ratio Lower Upper
131 100
133 94.8 76.7 115.1
119 66.1 46.6 69.8

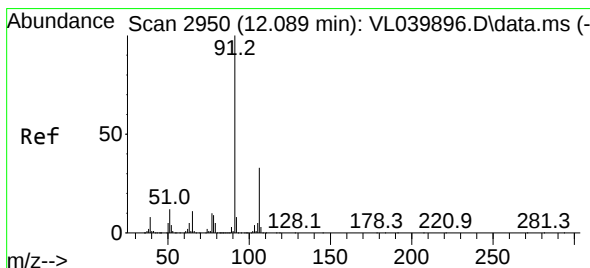
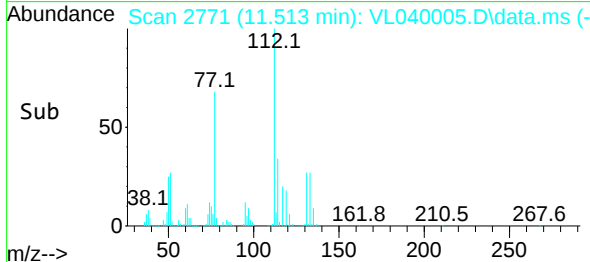
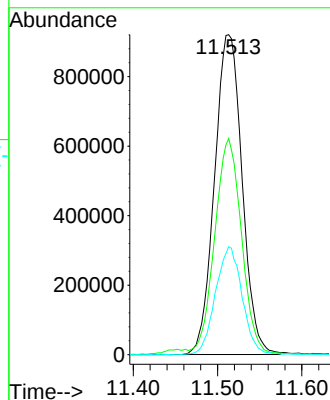
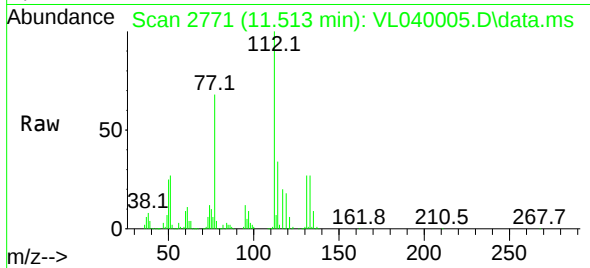




#57
Chlorobenzene
Concen: 8.678 ppbv
RT: 11.513 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

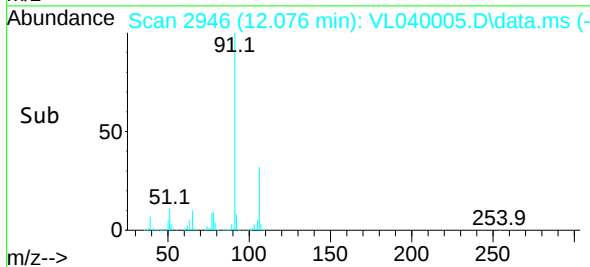
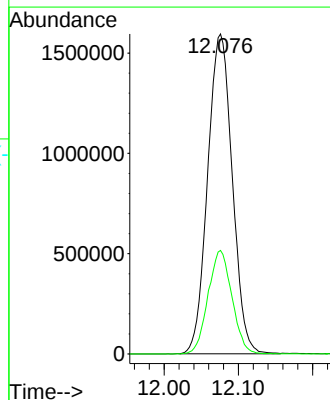
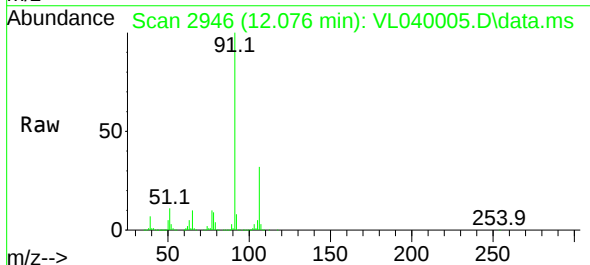
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

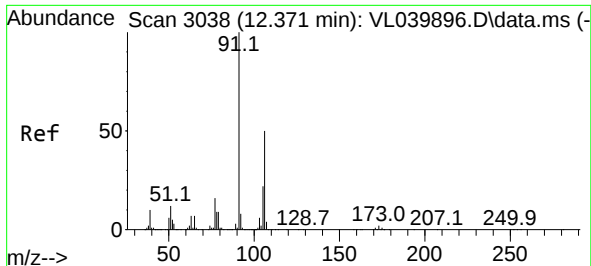
Tgt Ion:112 Resp: 2092298
Ion Ratio Lower Upper
112 100
77 67.0 54.6 81.8
114 33.8 30.1 36.7



#58
Ethyl Benzene
Concen: 8.590 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 91 Resp: 3674985
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1





#59

m/p-Xylene

Concen: 8.830 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

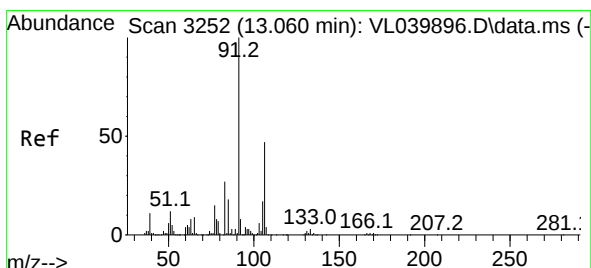
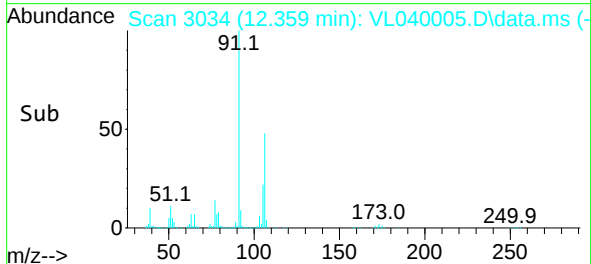
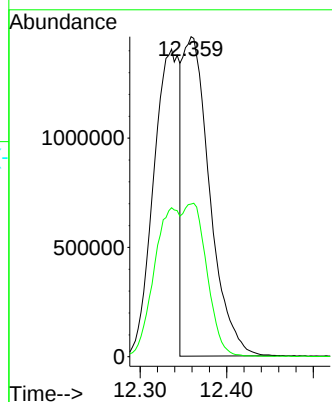
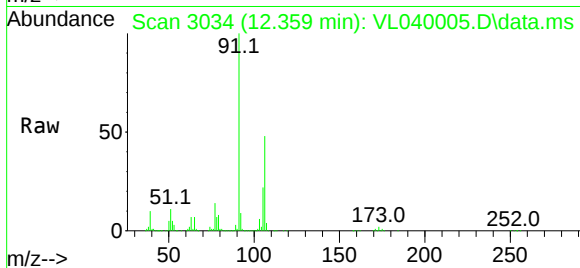
VSTDCCC010

Tgt Ion: 91 Resp: 3161663

Ion Ratio Lower Upper

91 100

106 87.7 37.0 55.6#



#60

o-Xylene

Concen: 8.593 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.020 min

Lab File: VL040005.D

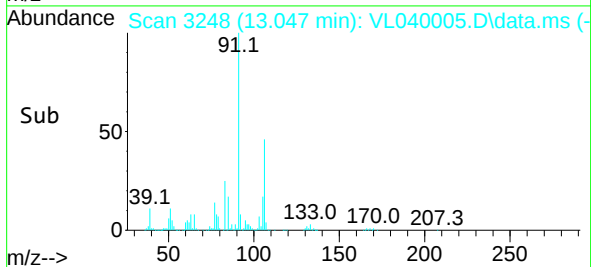
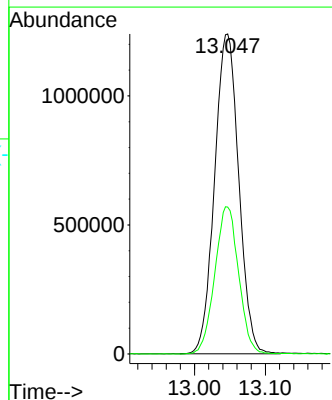
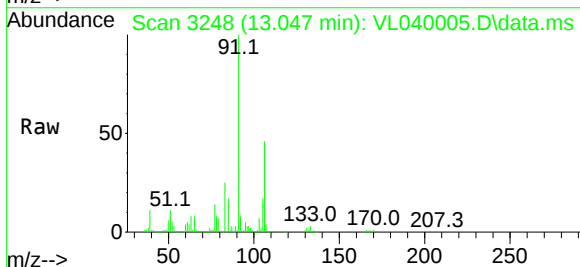
Acq: 13 Dec 2022 14:10

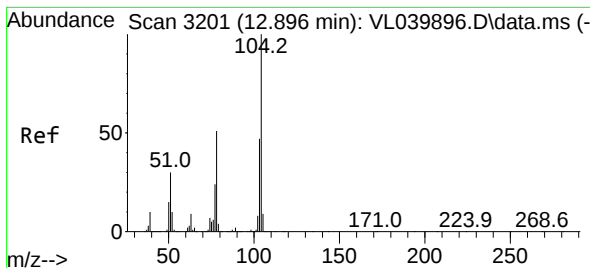
Tgt Ion: 91 Resp: 2934277

Ion Ratio Lower Upper

91 100

106 45.5 23.2 69.6





#61

Styrene

Concen: 8.723 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

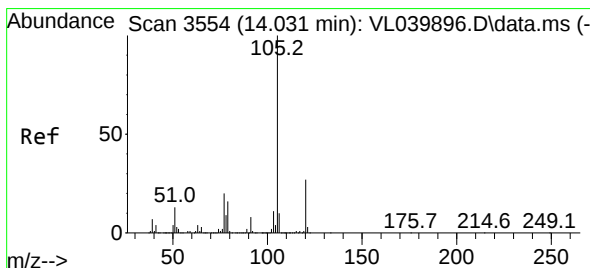
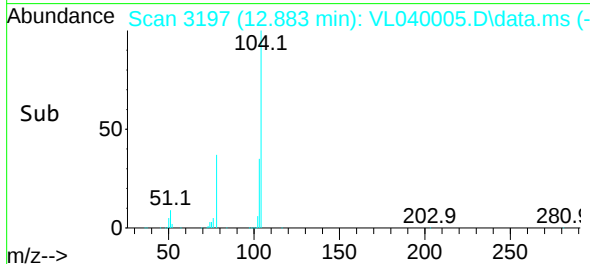
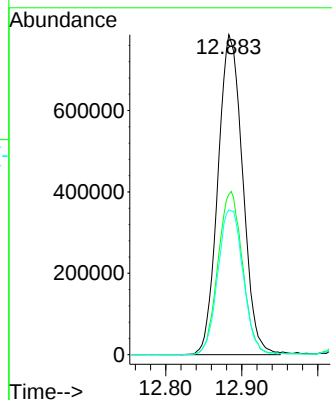
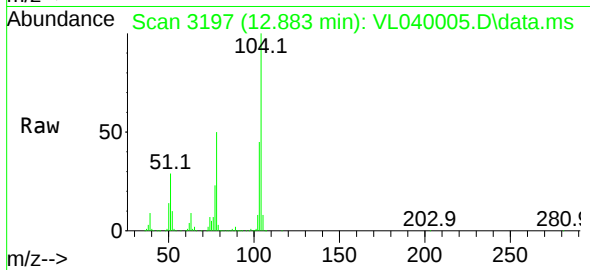
Tgt Ion:104 Resp: 1777930

Ion Ratio Lower Upper

104 100

78 51.0 41.8 62.8

103 46.7 37.2 55.8



#62

Isopropylbenzene

Concen: 8.490 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.023 min

Lab File: VL040005.D

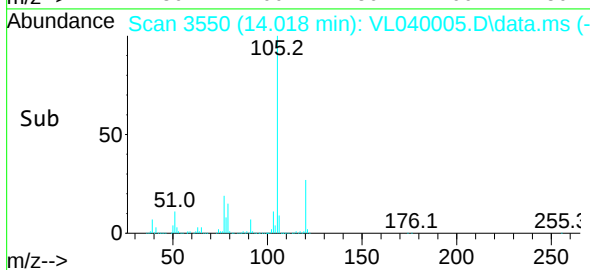
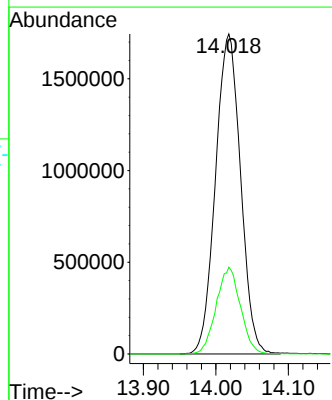
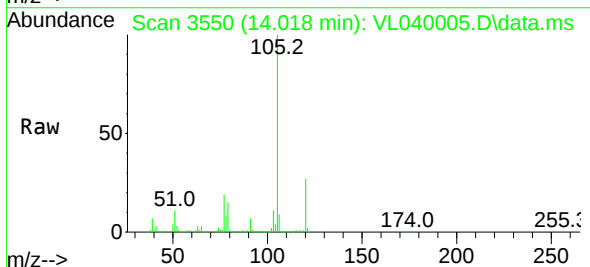
Acq: 13 Dec 2022 14:10

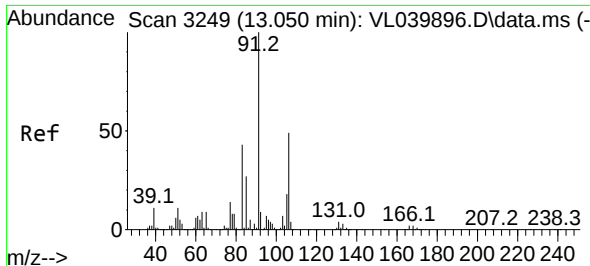
Tgt Ion:105 Resp: 4180414

Ion Ratio Lower Upper

105 100

120 26.3 21.4 32.2

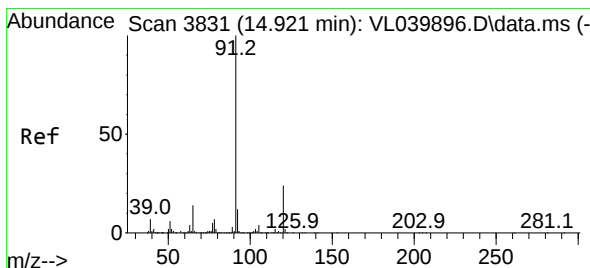
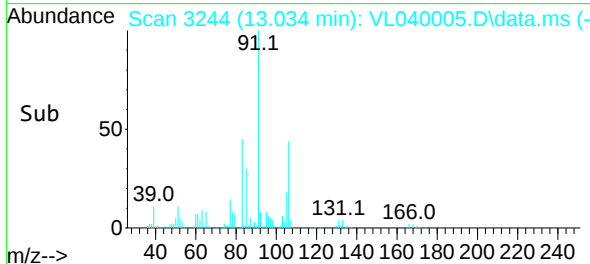
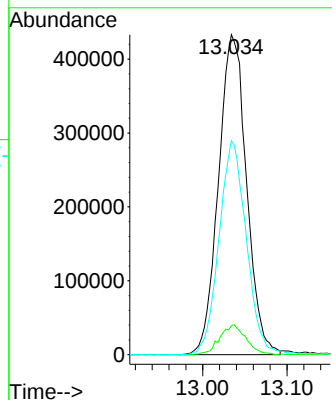
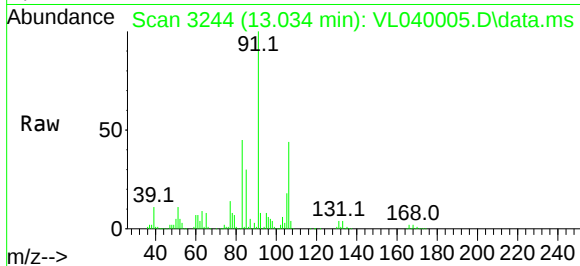




#63
1,1,2,2-Tetrachloroethane
Concen: 8.775 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

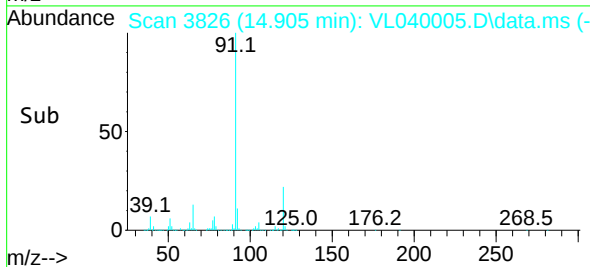
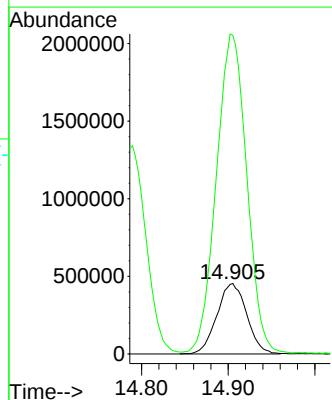
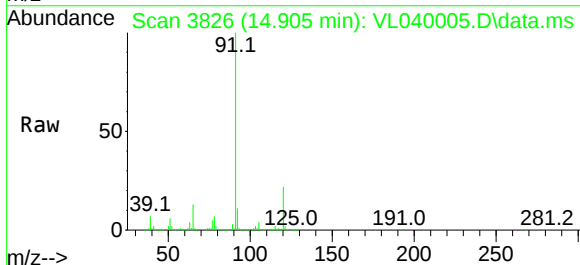
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

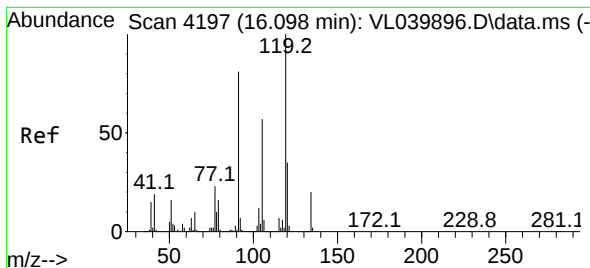
Tgt Ion: 83 Resp: 1000508
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 65.8 33.0 99.0



#64
n-propylbenzene
Concen: 8.428 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.026 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion:120 Resp: 1085720
Ion Ratio Lower Upper
120 100
91 464.9 353.7 530.5

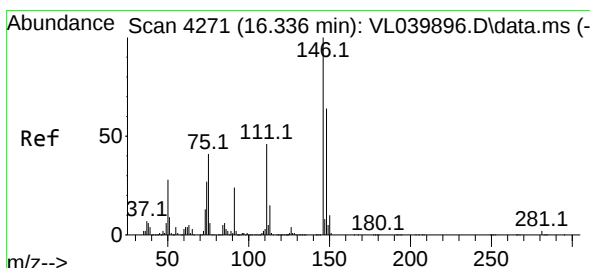
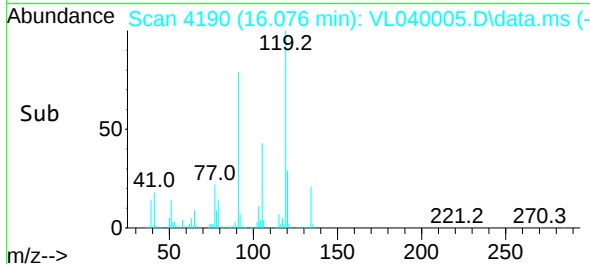
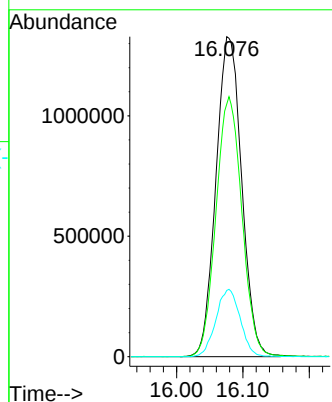
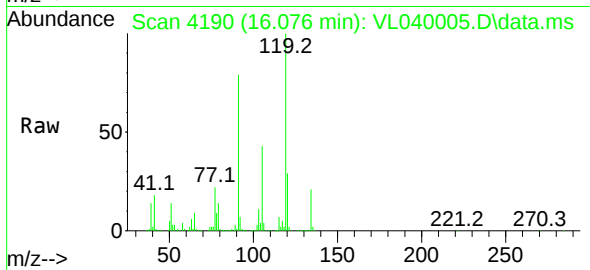




#65
tert-Butylbenzene
Concen: 8.301 ppbv
RT: 16.076 min Scan# 4197
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

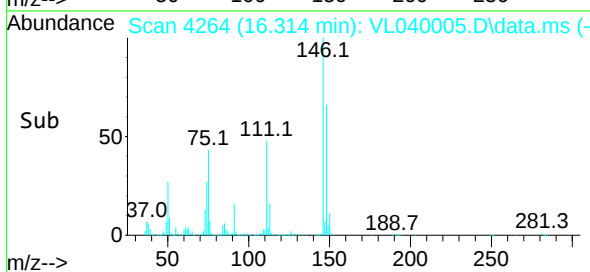
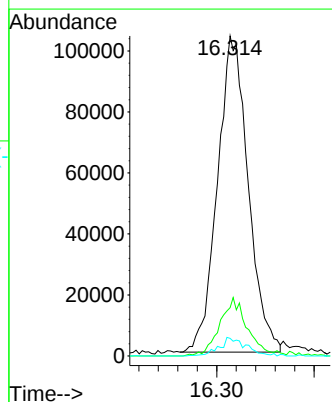
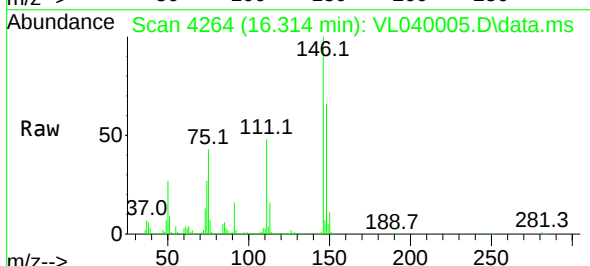
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

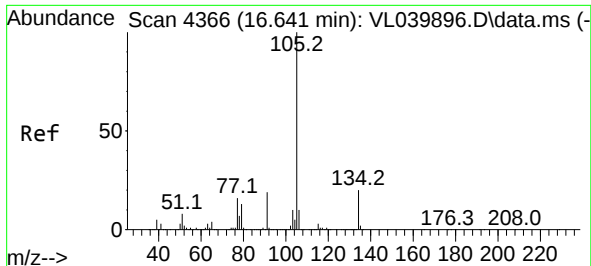
Tgt Ion:119 Resp: 3576016
Ion Ratio Lower Upper
119 100
91 82.1 65.8 98.8
134 20.0 16.1 24.1



#66
Benzyl Chloride
Concen: 6.155 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 91 Resp: 227226
Ion Ratio Lower Upper
91 100
126 16.9 15.0 22.6
128 5.2 4.6 7.0





#67

sec-Butylbenzene

Concen: 8.349 ppbv

RT: 16.622 min Scan# 41

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

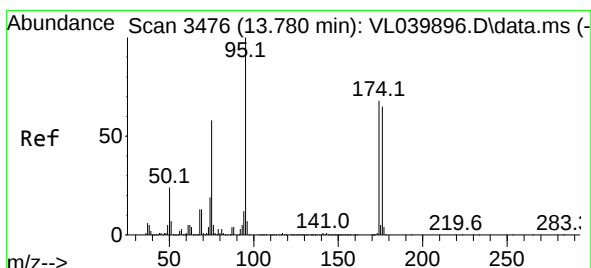
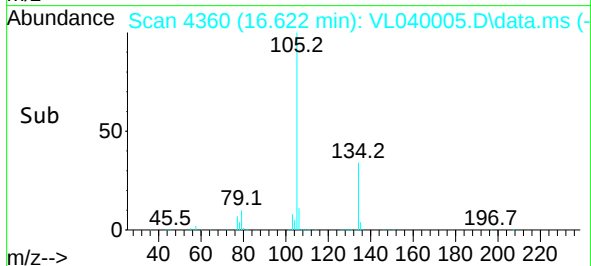
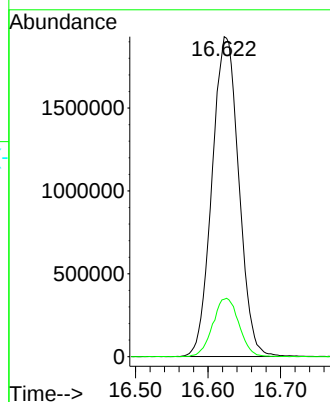
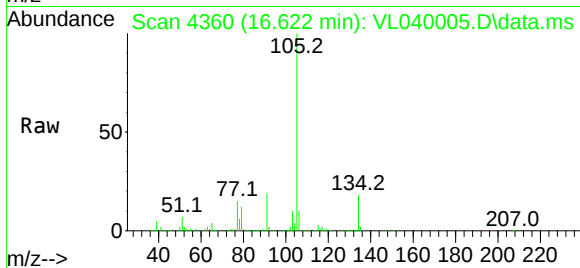
VSTDCCC010

Tgt Ion:105 Resp: 4944854

Ion Ratio Lower Upper

105 100

134 18.0 15.0 22.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.260 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.023 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

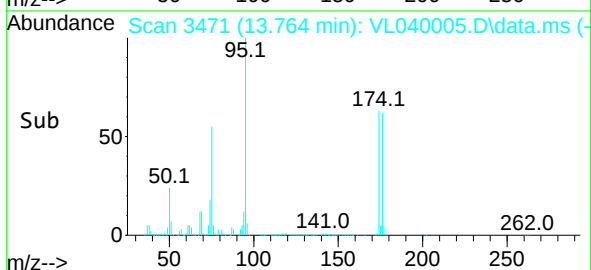
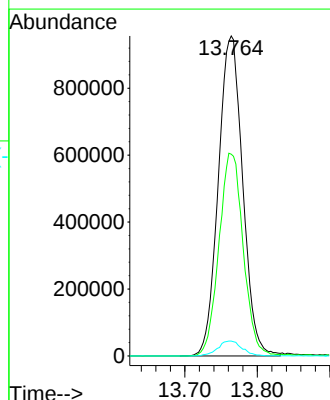
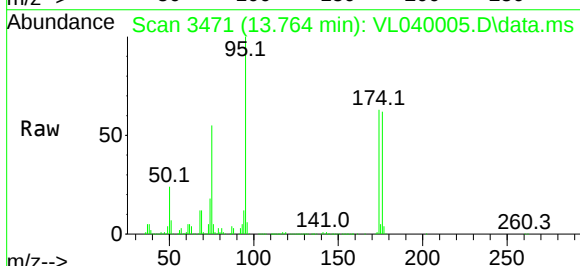
Tgt Ion: 95 Resp: 2230374

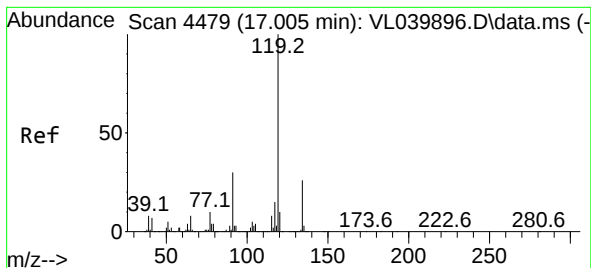
Ion Ratio Lower Upper

95 100

174 63.5 53.7 80.5

175 4.7 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.252 ppbv

RT: 16.982 min Scan# 4479

Delta R.T. 0.016 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

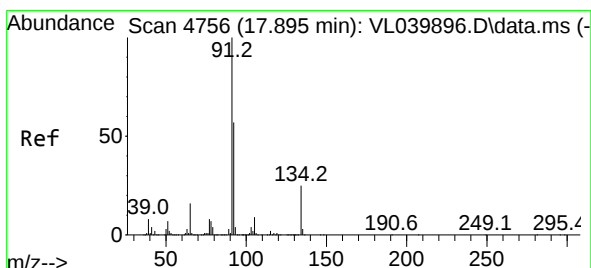
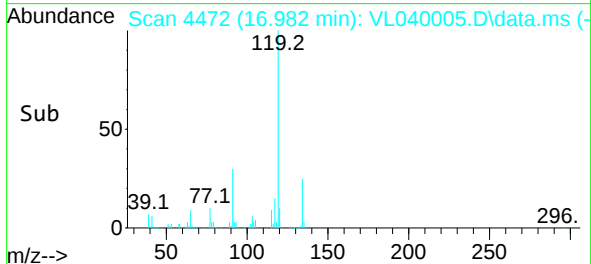
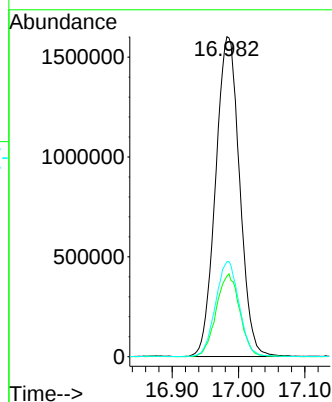
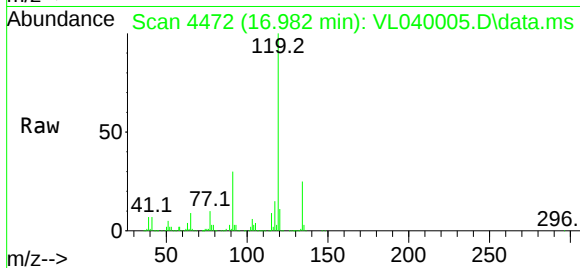
Tgt Ion:119 Resp: 4026221

Ion Ratio Lower Upper

119 100

134 25.5 21.0 31.4

91 29.3 24.4 36.6



#70

n-Butylbenzene

Concen: 8.395 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

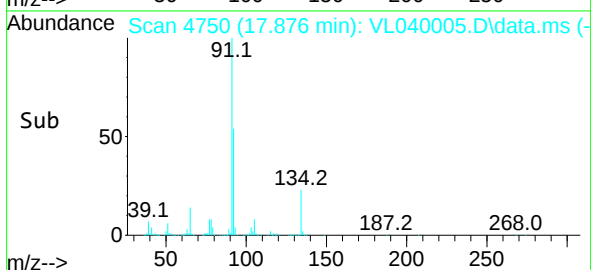
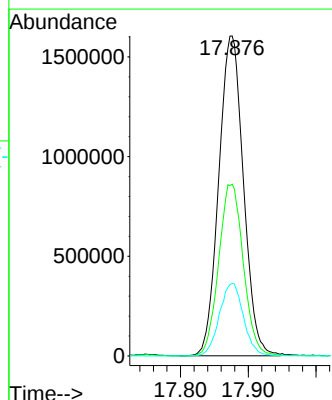
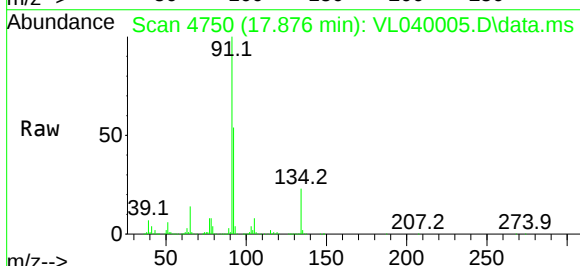
Tgt Ion: 91 Resp: 4060769

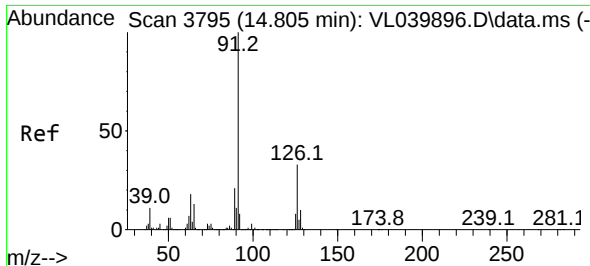
Ion Ratio Lower Upper

91 100

92 53.7 44.2 66.2

134 22.2 18.8 28.2

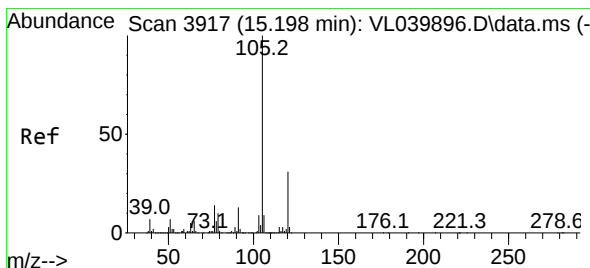
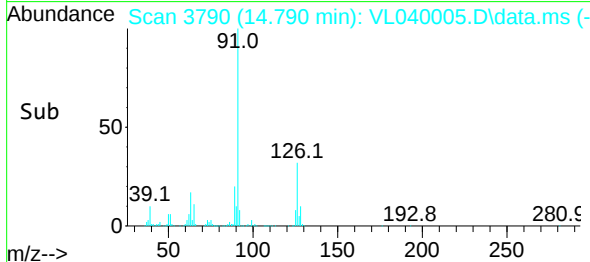
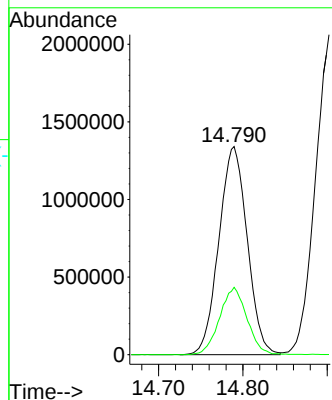
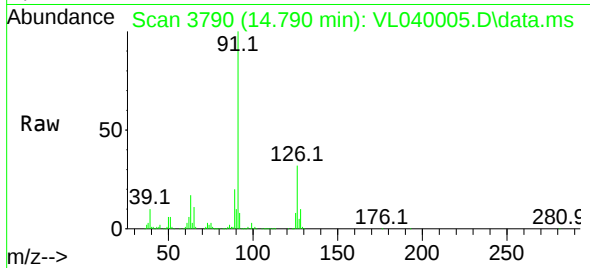




#71
2-Chlorotoluene
Concen: 8.376 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

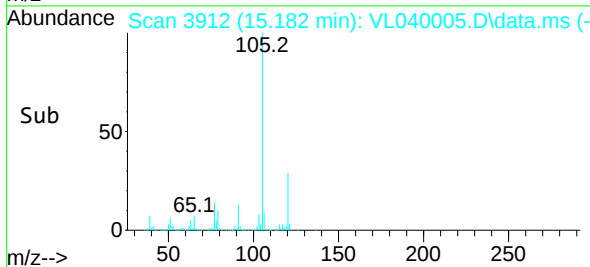
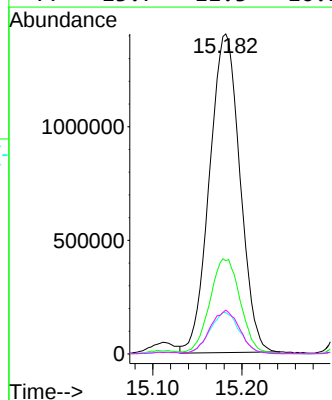
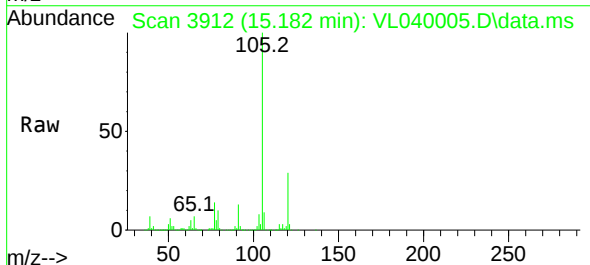
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

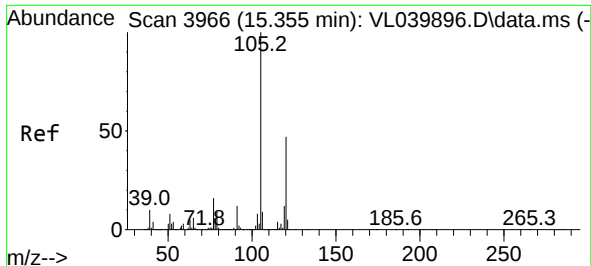
Tgt Ion: 91 Resp: 3126293
Ion Ratio Lower Upper
91 100
126 31.3 12.8 51.0



#72
4-Ethyltoluene
Concen: 8.668 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion: 105 Resp: 3327152
Ion Ratio Lower Upper
105 100
120 31.3 24.5 36.7
91 12.8 10.4 15.6
77 13.7 11.3 16.9

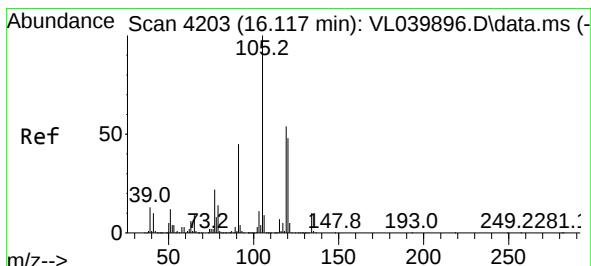
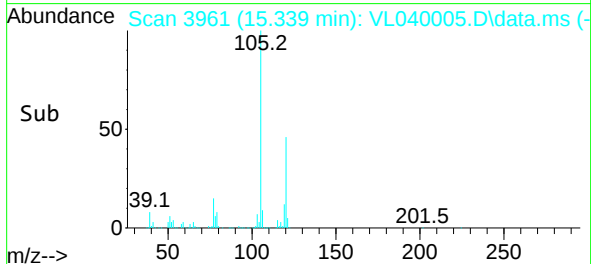
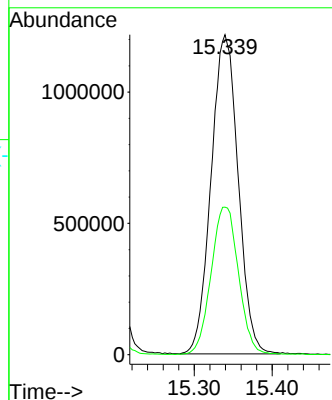
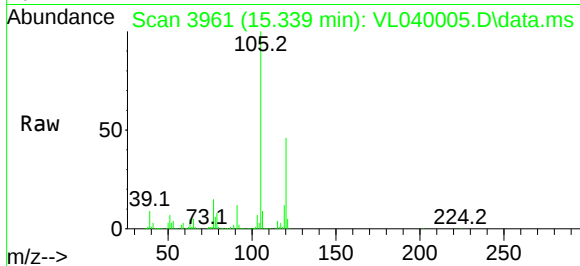




#73
1,3,5-Trimethylbenzene
Concen: 8.350 ppbv
RT: 15.339 min Scan# 3966
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

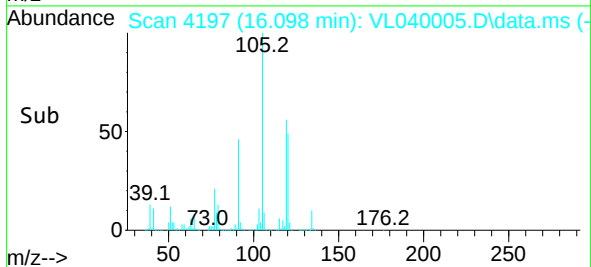
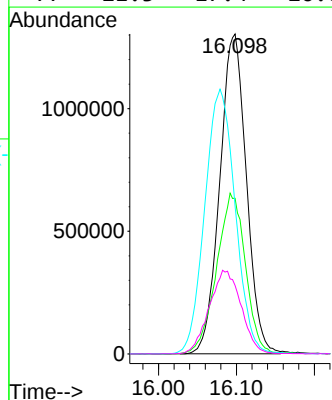
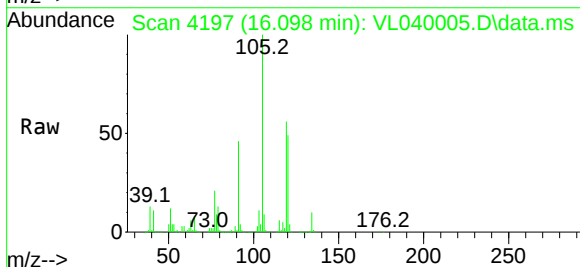
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

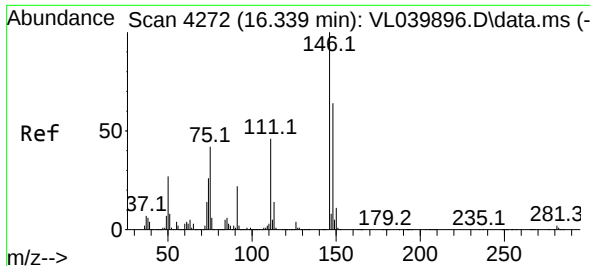
Tgt Ion:105 Resp: 2933949
Ion Ratio Lower Upper
105 100
120 46.1 37.9 56.9



#74
1,2,4-Trimethylbenzene
Concen: 8.325 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion:105 Resp: 3096988
Ion Ratio Lower Upper
105 100
120 48.5 38.7 58.1
91 45.8 36.4 54.6
77 21.3 17.4 26.0

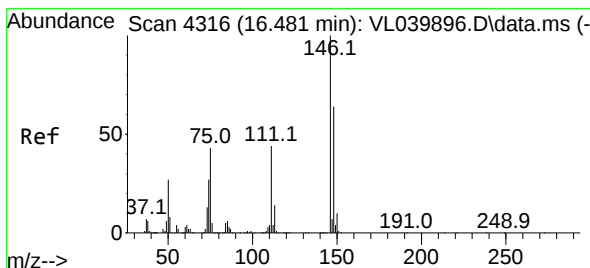
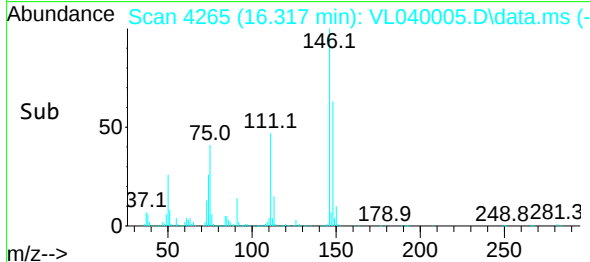
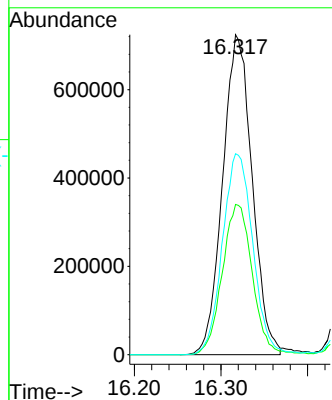
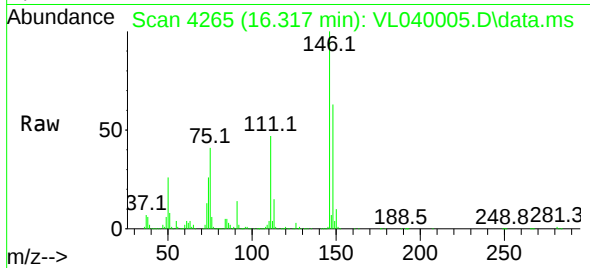




#75
1,3-Dichlorobenzene
Concen: 8.182 ppbv
RT: 16.317 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

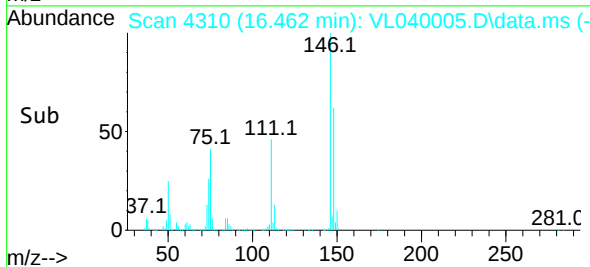
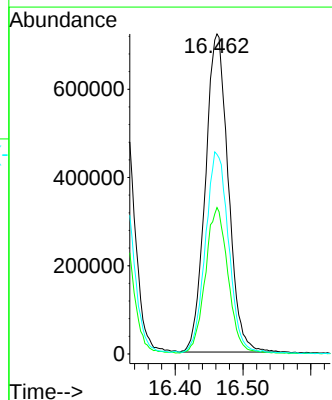
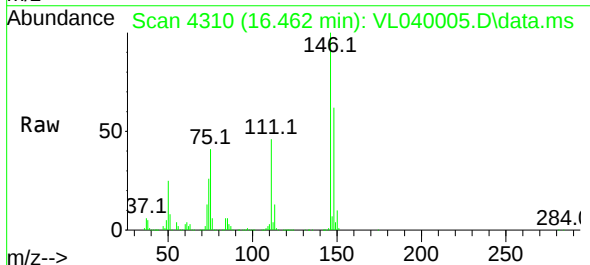
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

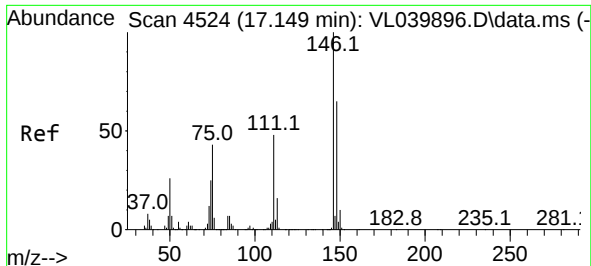
Tgt Ion:146 Resp: 1712523
Ion Ratio Lower Upper
146 100
111 48.0 23.3 69.9
148 65.0 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 8.137 ppbv
RT: 16.462 min Scan# 4310
Delta R.T. 0.023 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion:146 Resp: 1688327
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.3
148 65.3 32.3 96.9

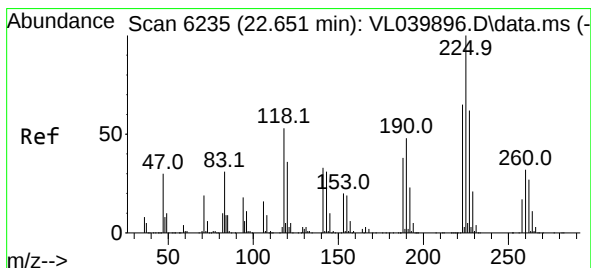
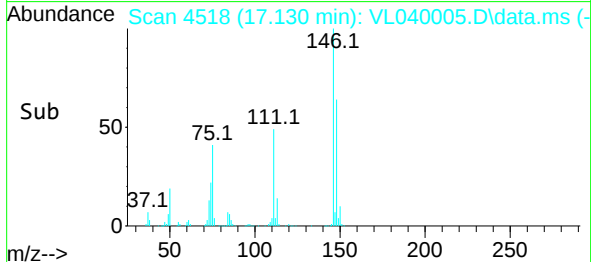
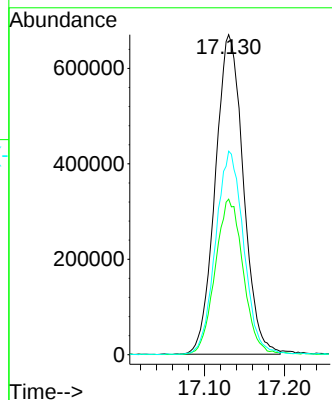
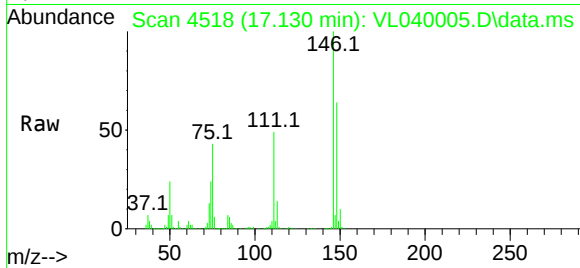




#77
1,2-Dichlorobenzene
Concen: 8.078 ppbv
RT: 17.130 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

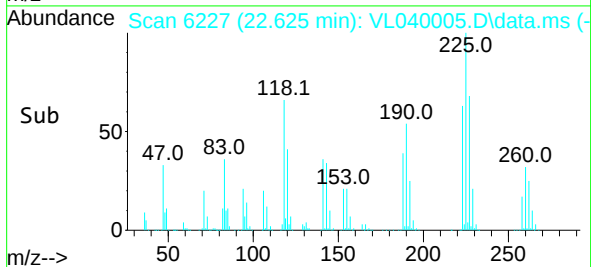
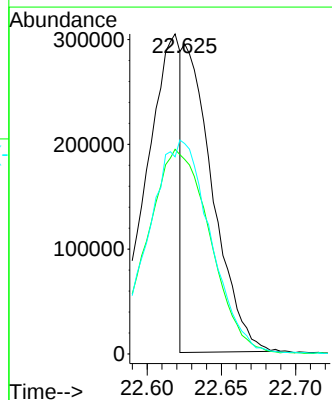
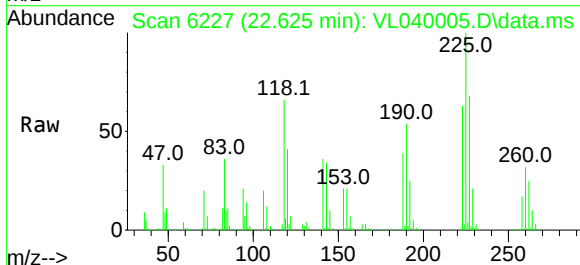
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

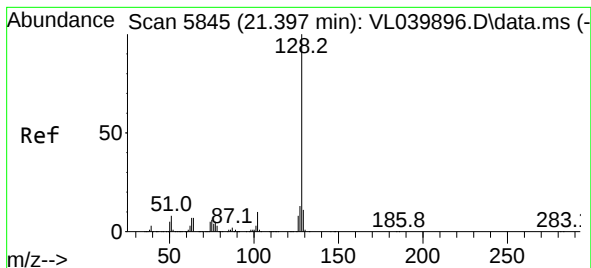
Tgt Ion:146 Resp: 1629872
Ion Ratio Lower Upper
146 100
111 49.0 24.1 72.3
148 64.0 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 2.935 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.026 min
Lab File: VL040005.D
Acq: 13 Dec 2022 14:10

Tgt Ion:225 Resp: 410974
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 147.3 50.8 76.2#





#79

Naphthalene

Concen: 8.225 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. 0.020 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

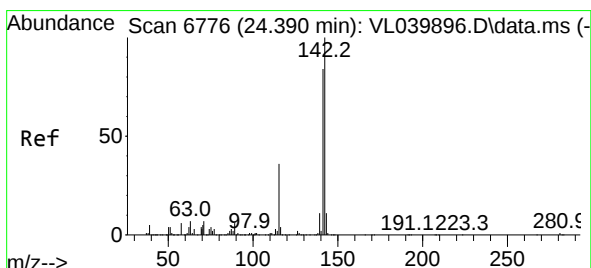
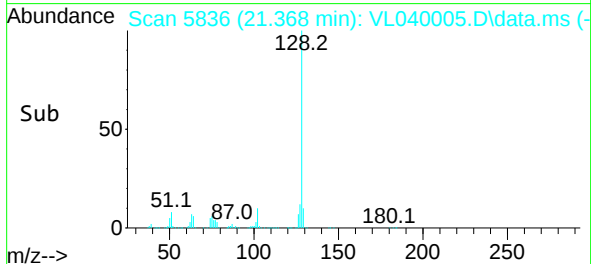
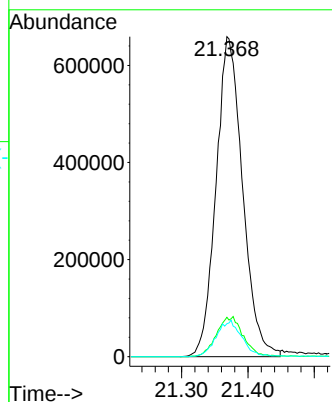
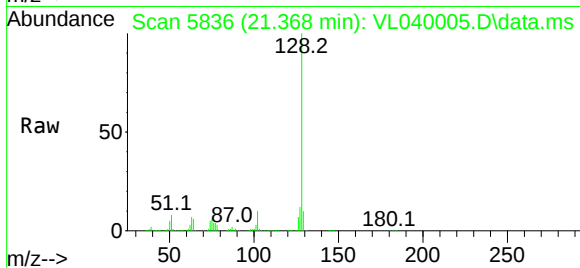
Tgt Ion:128 Resp: 1831314

Ion Ratio Lower Upper

128 100

127 12.3 10.0 15.0

129 10.3 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 7.398 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.016 min

Lab File: VL040005.D

Acq: 13 Dec 2022 14:10

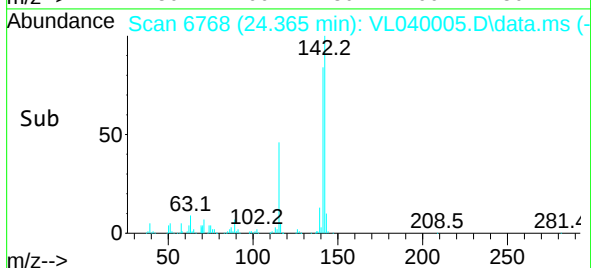
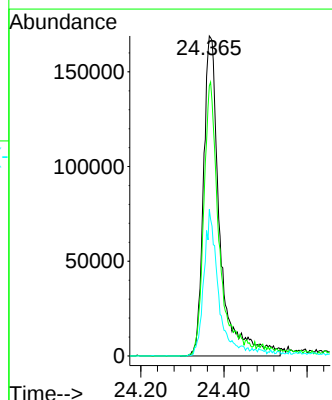
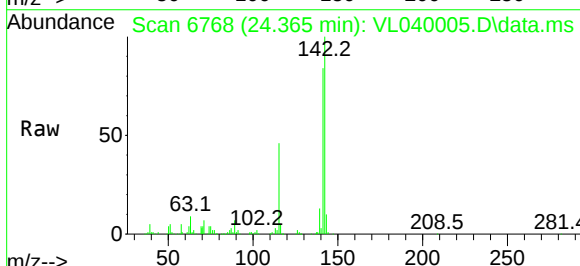
Tgt Ion:142 Resp: 463266

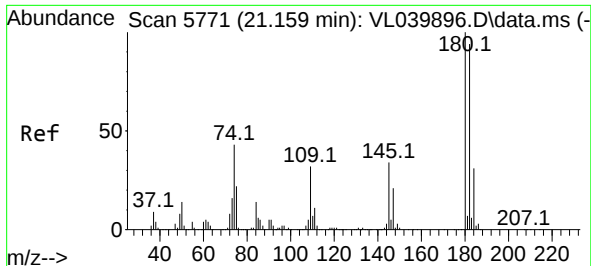
Ion Ratio Lower Upper

142 100

141 81.6 69.1 103.7

115 43.5 29.6 44.4





#81

1,2,4-Trichlorobenzene

Concen: 7.453 ppbv

RT: 21.130 min Scan# 51

Delta R.T. 0.023 min

Lab File: VL040005.D

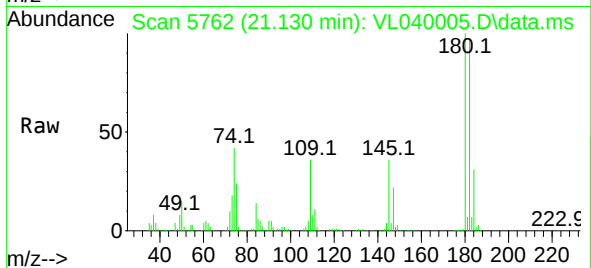
Acq: 13 Dec 2022 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1024691

Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.6

184 31.0 25.2 37.8

