

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040050.D
 Acq On : 20 Dec 2022 9:51
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Dec 21 03:49:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.160	49	919549	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.626	114	2714742	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2619173	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1935447	9.674	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.703	85	1348494	7.834	ppbv	96
3) Chlorodifluoromethane	2.648	51	1168826	8.615	ppbv	100
4) Chloromethane	2.787	50	748843	8.809	ppbv	100
5) Vinyl Chloride	2.893	62	642226	9.337	ppbv	99
6) Bromomethane	3.089	94	225887	8.938	ppbv	98
7) Chloroethane	3.169	64	234523	9.037	ppbv	95
8) Dichlorotetrafluoroethane	2.829	85	1562079	8.626	ppbv	99
9) Propene	2.668	41	521510	9.058	ppbv	99
10) Heptane	7.549	43	1274210	9.067	ppbv	99
11) Trichlorofluoromethane	3.533	101	1657532	8.862	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.037	101	1247076	8.804	ppbv	98
13) Ethanol	3.218	45	31437	5.801	ppbv	81
14) Bromoethene	3.337	108	499199	9.358	ppbv	97
15) Acetone	3.439	43	1147943	8.070	ppbv	100
16) 1,3-Butadiene	2.957	39	593571	9.600	ppbv	98
17) tert-Butyl alcohol	3.848	59	1213811	8.655	ppbv	100
18) 1,1-Dichloroethene	3.851	96	554749	8.997	ppbv	98
19) Isopropyl Alcohol	3.546	45	621981	8.872	ppbv	99
20) Methylene Chloride	3.902	84	464585	7.684	ppbv	99
21) Allyl Chloride	3.967	41	792189	9.268	ppbv	99
22) trans-1,2-Dichloroethene	4.414	96	581650	9.465	ppbv	99
23) Vinyl Acetate	4.597	43	435115	9.648	ppbv	98
24) 1,1-Dichloroethane	4.533	63	1140656	8.613	ppbv	100
25) Ethyl Acetate	5.172	43	2156425	8.753	ppbv	100
26) Hexane	5.182	57	931383	8.995	ppbv	98
27) Carbon Disulfide	4.095	76	1380784	10.572	ppbv	98
28) Methyl tert-Butyl Ether	4.555	73	1082263	8.869	ppbv	100
29) Chloroform	5.243	83	1359123	8.602	ppbv	96
30) Cyclohexane	6.571	84	865779	9.442	ppbv	97
31) cis-1,2-Dichloroethene	5.047	61	897592	9.103	ppbv	99
32) 1,1,1-Trichloroethane	5.973	97	1634240	9.661	ppbv	99
34) 2-Butanone	4.754	43	1288483	8.749	ppbv	99
35) Carbon Tetrachloride	6.462	117	1680057	9.964	ppbv	99
36) Benzene	6.340	78	2179428	8.989	ppbv	98
37) 1,2-Dichloroethane	5.777	62	1269913	8.928	ppbv	99
38) Trichloroethene	7.259	130	1263449	10.140	ppbv	95
39) 1,2-Dichloropropane	7.044	63	814633	8.964	ppbv	97
40) 1,4-Dioxane	7.256	88	349184	8.525	ppbv	91
41) Tetrahydrofuran	5.526	42	788555	8.578	ppbv	98
42) Bromodichloromethane	7.221	83	1799491	9.235	ppbv	97
43) Methyl Methacrylate	7.446	69	861360	9.466	ppbv	99
44) 2,2,4-Trimethylpentane	7.298	57	3531358	8.847	ppbv	100
45) t-1,3-Dichloropropene	8.680	75	806310	10.484	ppbv	100

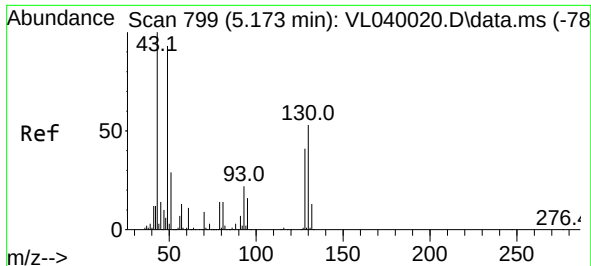
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040050.D
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Instrument :
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Quant Time: Dec 21 03:49:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
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 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	1104274	10.181	ppbv	98
47) 1,1,2-Trichloroethane	8.870	97	870856	8.750	ppbv	98
48) Dibromochloromethane	9.680	129	1447963	9.567	ppbv	100
49) Bromoform	12.381	173	1075379	9.314	ppbv	100
50) 4-Methyl-2-Pentanone	8.153	43	2146680	8.922	ppbv	99
51) 2-Hexanone	9.523	43	1676351	8.957	ppbv	99
52) Tetrachloroethene	10.590	164	733845	8.902	ppbv	96
53) Toluene	9.192	91	2464578	9.181	ppbv	99
54) 1,2-Dibromoethane	9.979	107	997540	9.308	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.481	131	1024312	8.478	ppbv	98
57) Chlorobenzene	11.500	112	1838205	8.268	ppbv	95
58) Ethyl Benzene	12.063	91	3234775	8.692	ppbv	97
59) m/p-Xylene	12.346	91	2460286	7.589	ppbv #	17
60) o-Xylene	13.031	91	2571040	8.278	ppbv	100
61) Styrene	12.870	104	1518889	9.118	ppbv	99
62) Isopropylbenzene	14.002	105	3605906	8.053	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.024	83	818870	7.191	ppbv	99
64) n-propylbenzene	14.892	120	922799	8.159	ppbv	99
65) tert-Butylbenzene	16.063	119	3058425	7.860	ppbv	99
66) Benzyl Chloride	16.304	91	186719	8.229	ppbv	99
67) sec-Butylbenzene	16.609	105	4294538	7.875	ppbv	100
69) p-Isopropyltoluene	16.969	119	3489944	8.012	ppbv	99
70) n-Butylbenzene	17.860	91	3639800	7.975	ppbv	99
71) 2-Chlorotoluene	14.773	91	2708808	7.929	ppbv	99
72) 4-Ethyltoluene	15.169	105	2843984	8.247	ppbv	100
73) 1,3,5-Trimethylbenzene	15.326	105	2535919	8.154	ppbv	98
74) 1,2,4-Trimethylbenzene	16.085	105	2711675	7.910	ppbv	92
75) 1,3-Dichlorobenzene	16.304	146	1509993	8.050	ppbv	100
76) 1,4-Dichlorobenzene	16.449	146	1472009	8.038	ppbv	99
77) 1,2-Dichlorobenzene	17.114	146	1443769	8.025	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	608465	4.875	ppbv #	100
79) Naphthalene	21.355	128	2204437	10.791	ppbv	100
80) Naphthalene,2-methyl-	24.352	142	488989	7.824	ppbv	96
81) 1,2,4-Trichlorobenzene	21.114	180	1114361	9.184	ppbv	99

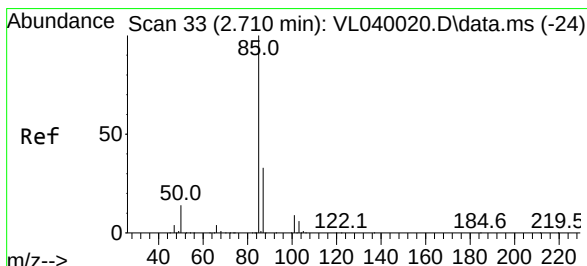
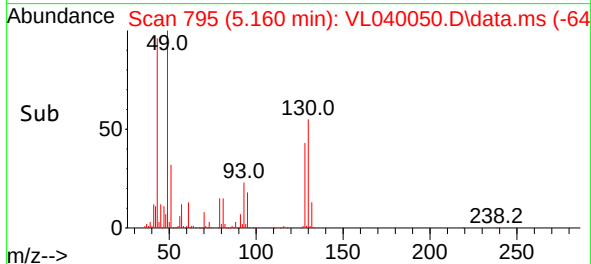
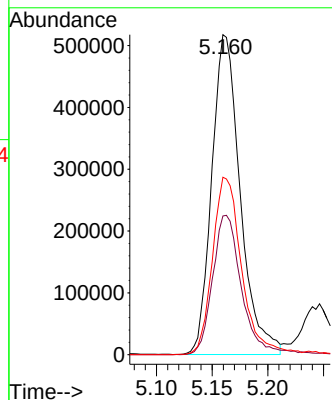
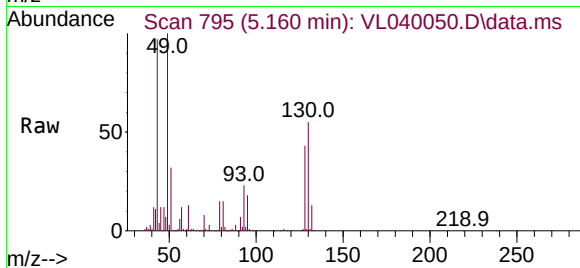
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.160 min Scan# 79
 Delta R.T. -0.013 min
 Lab File: VL040050.D
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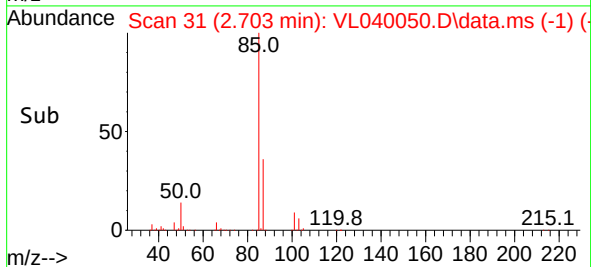
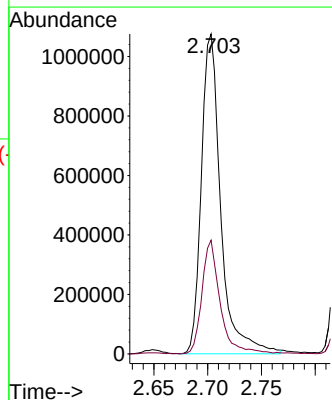
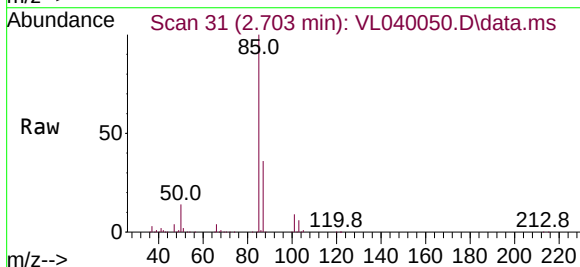
Instrument :
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 ClientSampleId :
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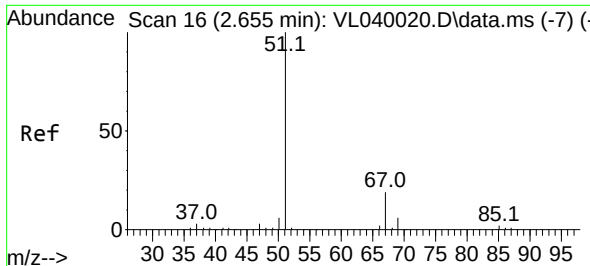
Tgt Ion: 49 Resp: 919549
 Ion Ratio Lower Upper
 49 100
 128 45.4 22.4 67.3
 130 58.1 28.9 86.8



#2
 Dichlorodifluoromethane
 Concen: 7.834 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 85 Resp: 1348494
 Ion Ratio Lower Upper
 85 100
 87 35.5 26.6 40.0

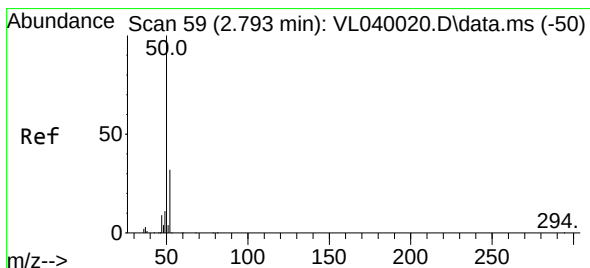
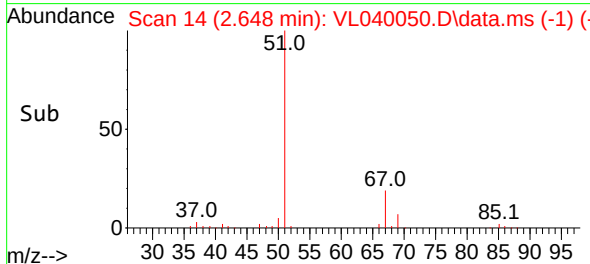
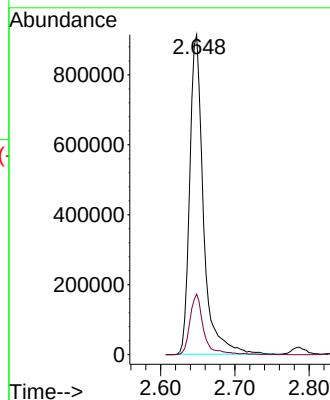
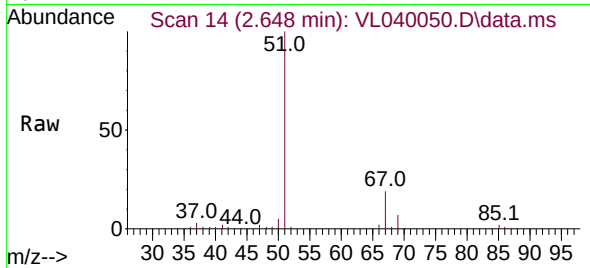




#3
Chlorodifluoromethane
Concen: 8.615 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.006 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

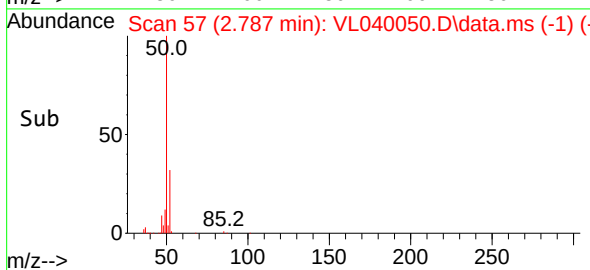
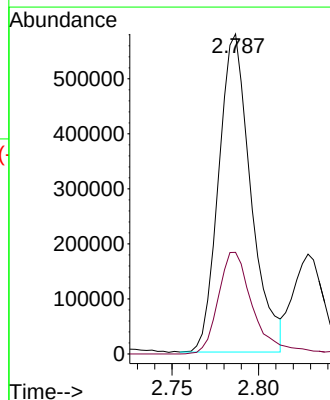
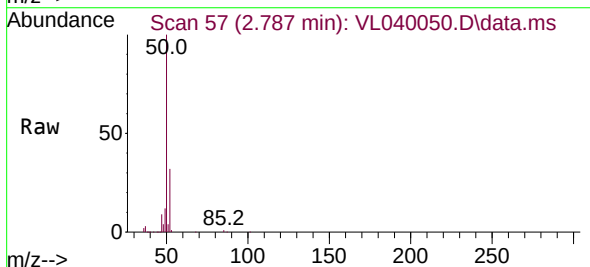
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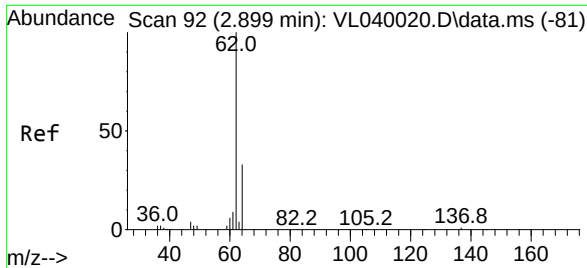
Tgt Ion: 51 Resp: 1168826
Ion Ratio Lower Upper
51 100
67 19.0 15.3 22.9



#4
Chloromethane
Concen: 8.809 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.006 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 50 Resp: 748843
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

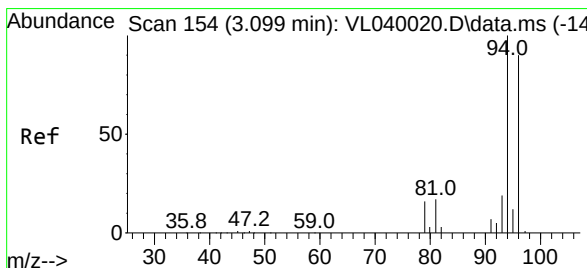
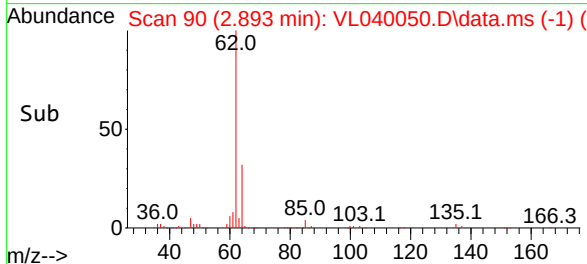
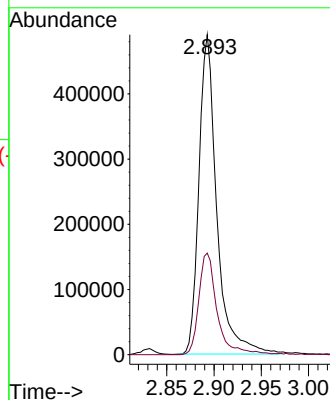
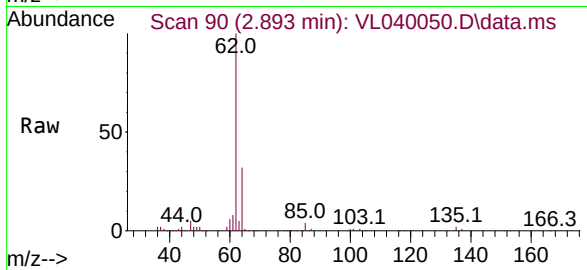




#5
 Vinyl Chloride
 Concen: 9.337 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

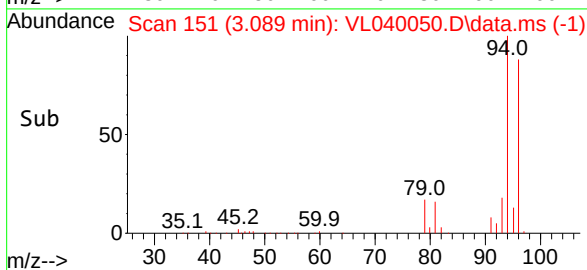
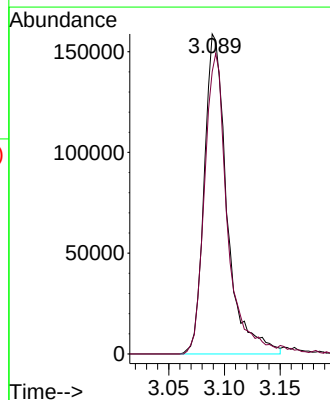
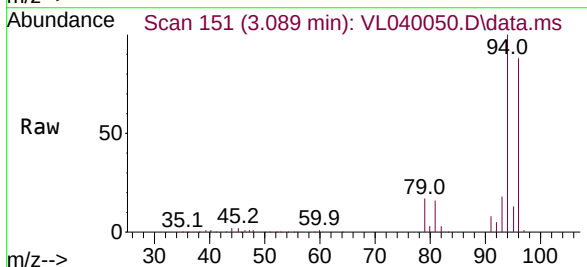
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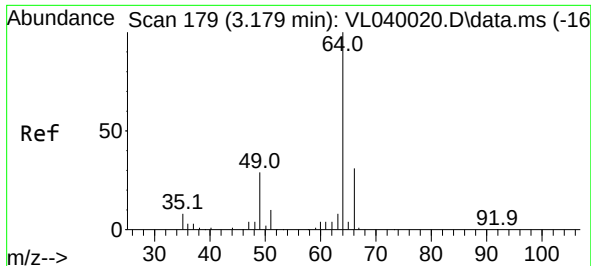
Tgt Ion: 62 Resp: 642226
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.1 39.1



#6
 Bromomethane
 Concen: 8.938 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 94 Resp: 225887
 Ion Ratio Lower Upper
 94 100
 96 88.2 72.0 108.0

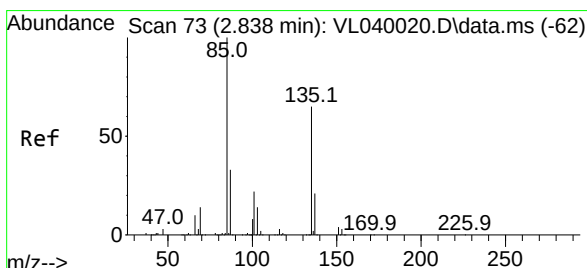
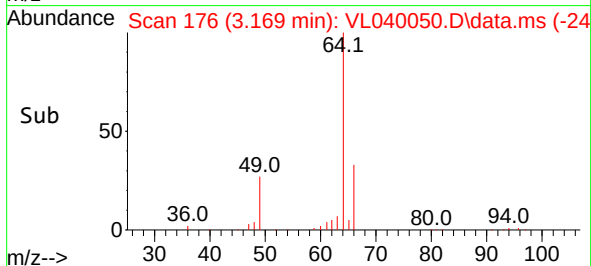
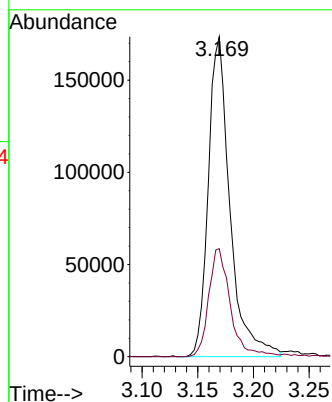
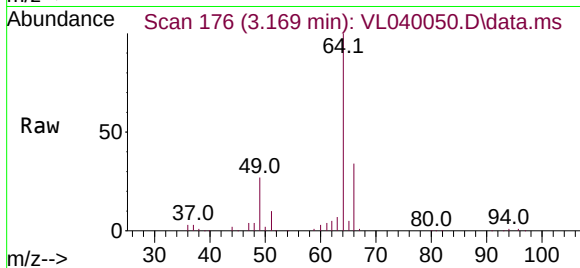




#7
Chloroethane
Concen: 9.037 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

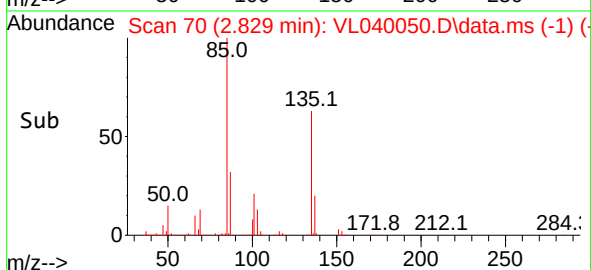
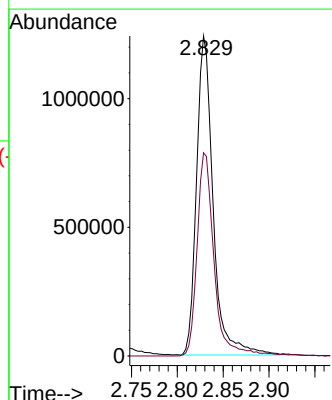
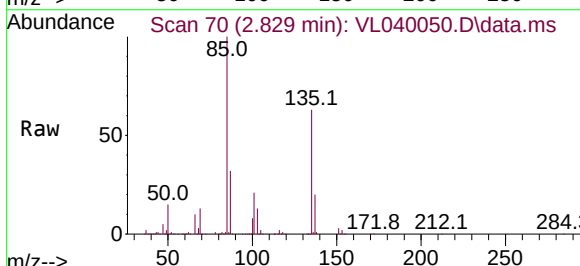
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VSTDCCC010

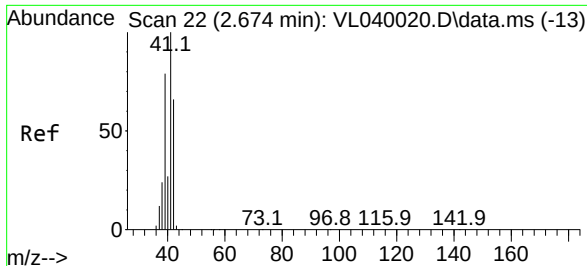
Tgt Ion: 64 Resp: 234523
Ion Ratio Lower Upper
64 100
66 33.8 24.6 37.0



#8
Dichlorotetrafluoroethane
Concen: 8.626 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 85 Resp: 1562079
Ion Ratio Lower Upper
85 100
135 65.7 53.2 79.8

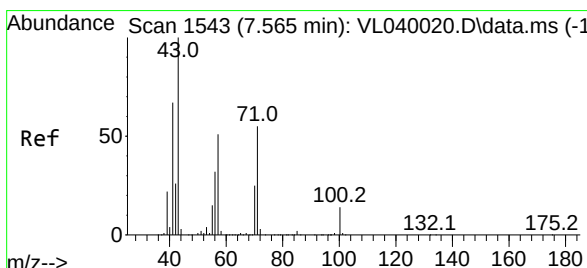
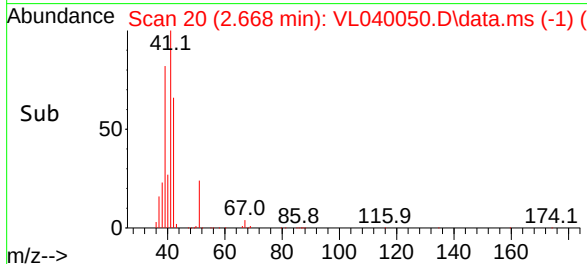
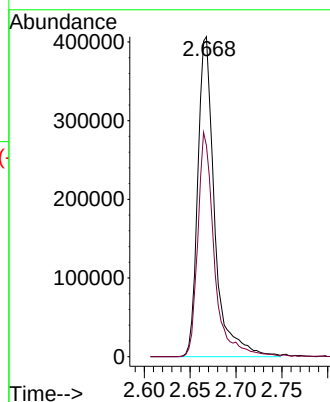
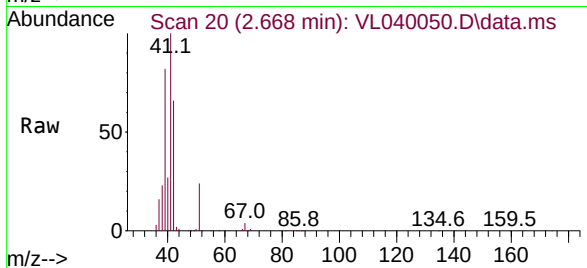




#9
 Propene
 Concen: 9.058 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

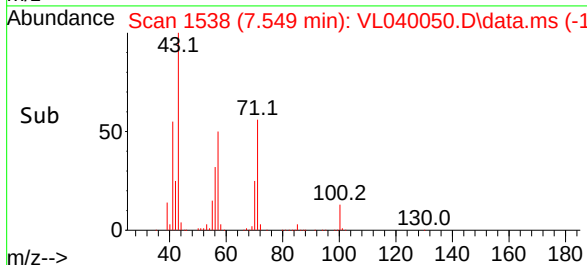
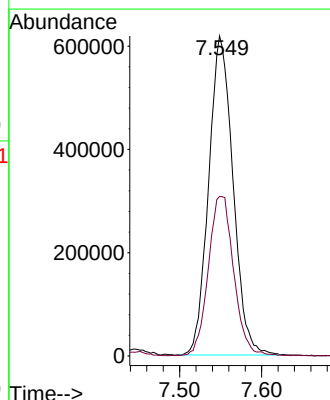
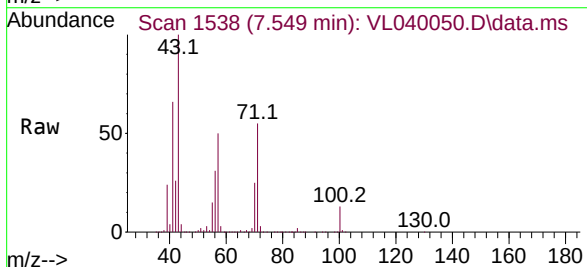
Instrument :
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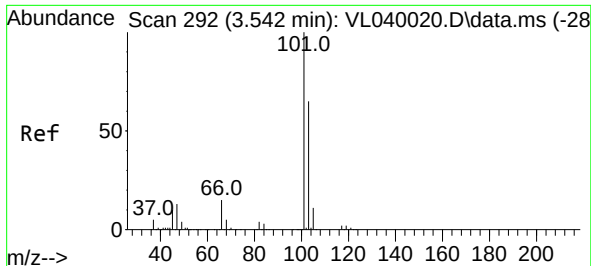
Tgt Ion: 41 Resp: 521510
 Ion Ratio Lower Upper
 41 100
 42 69.2 54.8 82.2



#10
 Heptane
 Concen: 9.067 ppbv
 RT: 7.549 min Scan# 1538
 Delta R.T. -0.016 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 43 Resp: 1274210
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.2 61.8

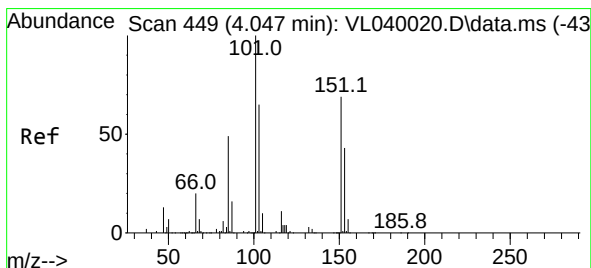
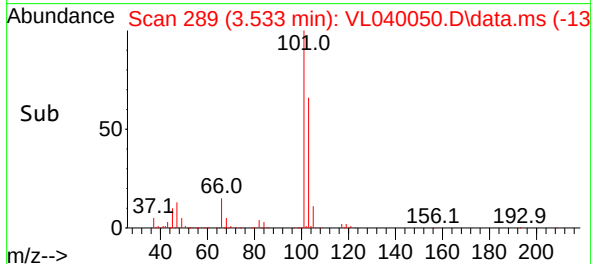
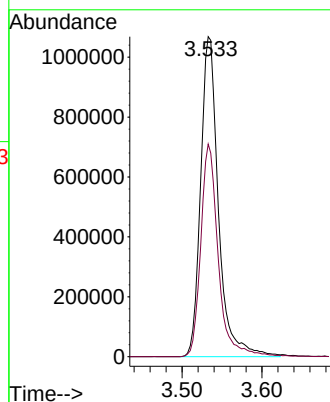
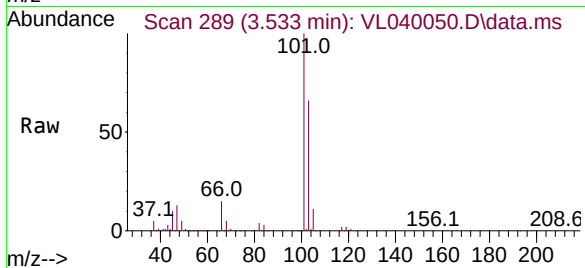




#11
 Trichlorofluoromethane
 Concen: 8.862 ppbv
 RT: 3.533 min Scan# 292
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

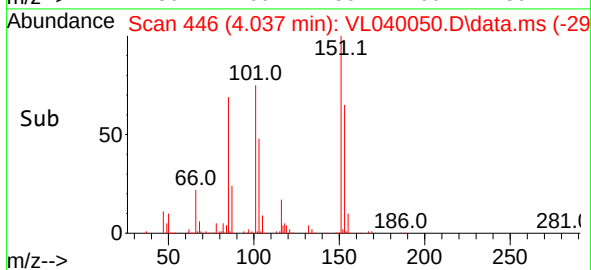
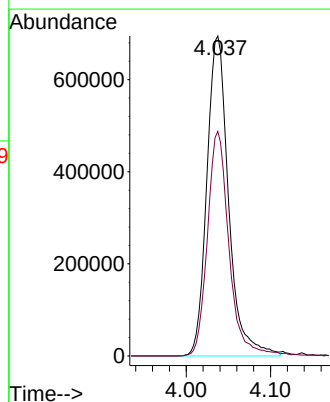
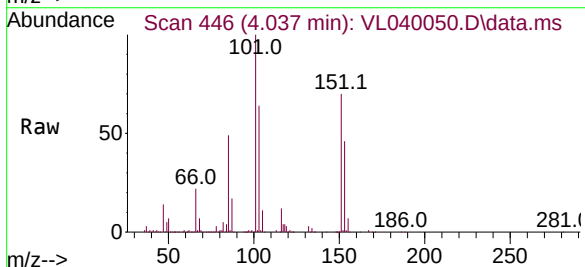
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

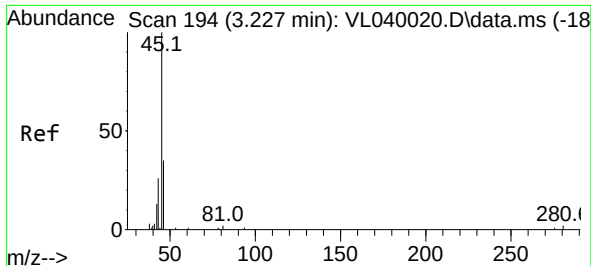
Tgt Ion:101 Resp: 1657532
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.804 ppbv
 RT: 4.037 min Scan# 446
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion:101 Resp: 1247076
 Ion Ratio Lower Upper
 101 100
 151 70.0 55.0 82.4

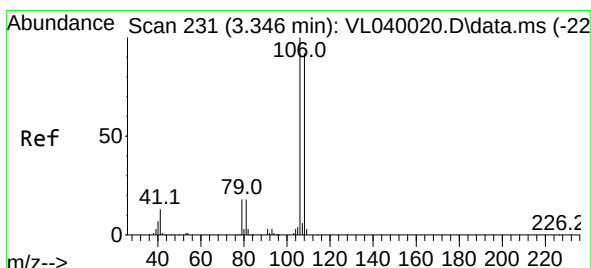
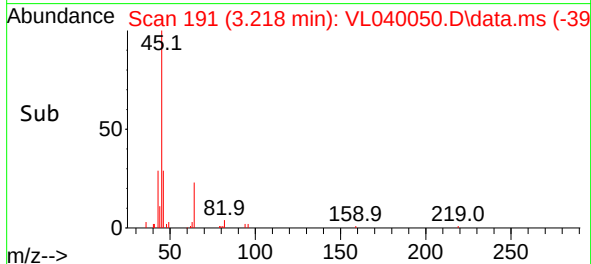
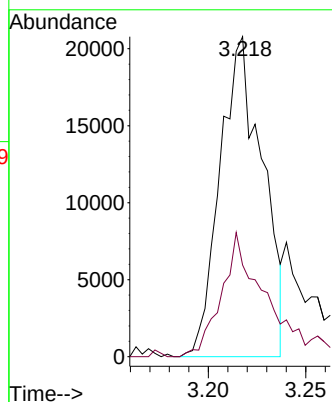
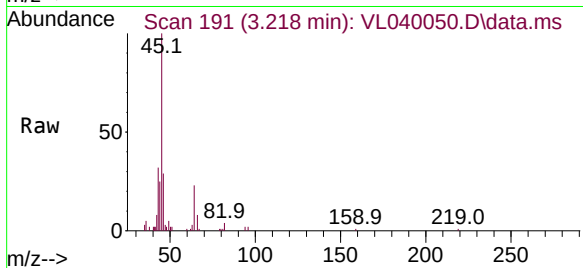




#13
Ethanol
Concen: 5.801 ppbv
RT: 3.218 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

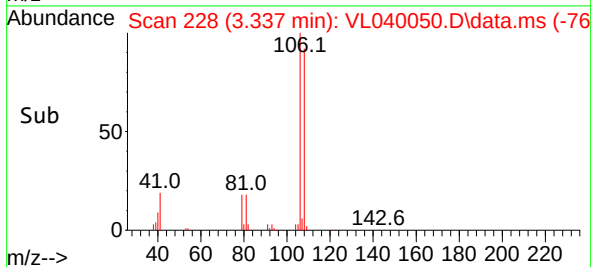
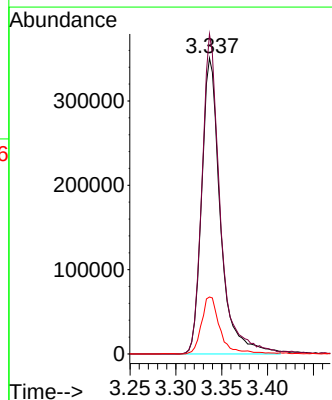
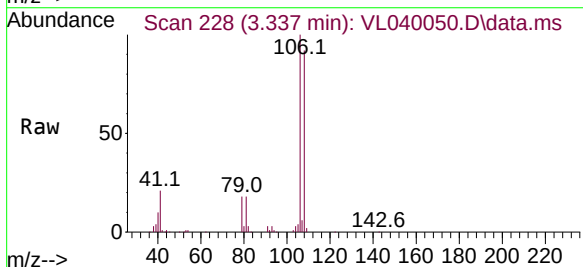
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

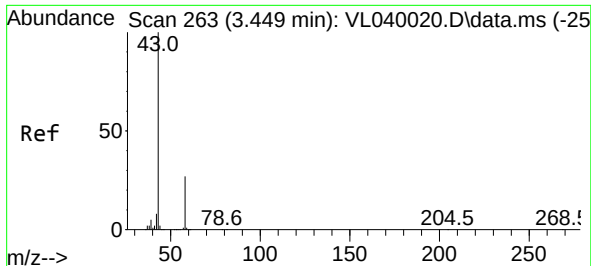
Tgt Ion: 45 Resp: 31437
Ion Ratio Lower Upper
45 100
46 45.4 13.7 54.7



#14
Bromoethene
Concen: 9.358 ppbv
RT: 3.337 min Scan# 228
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 108 Resp: 499199
Ion Ratio Lower Upper
108 100
106 106.4 87.5 131.3
79 19.5 15.8 23.8

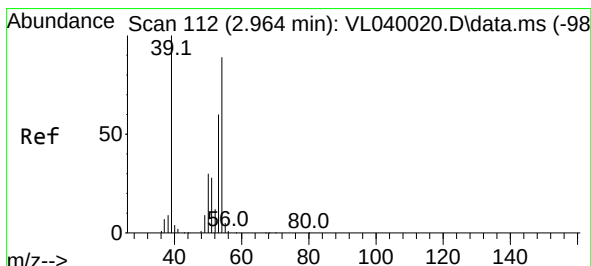
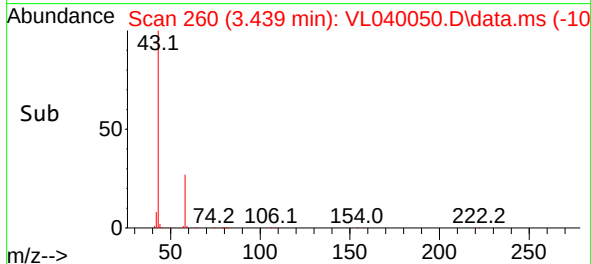
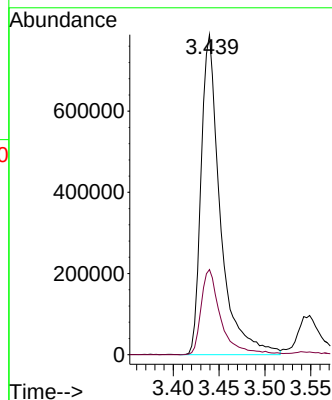
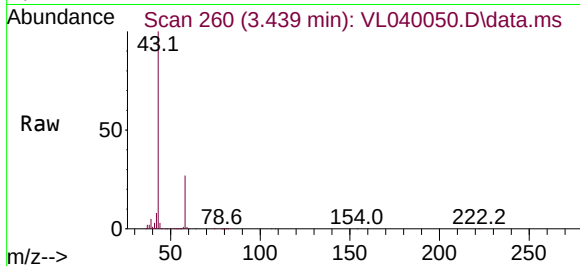




#15
Acetone
Concen: 8.070 ppbv
RT: 3.439 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

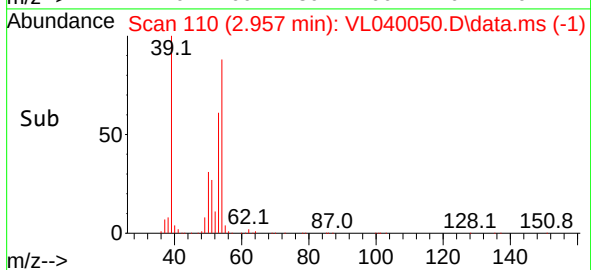
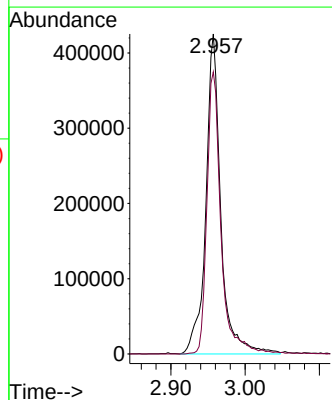
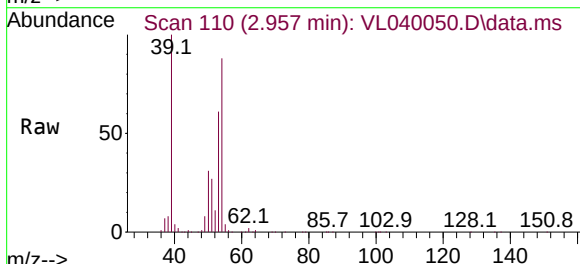
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

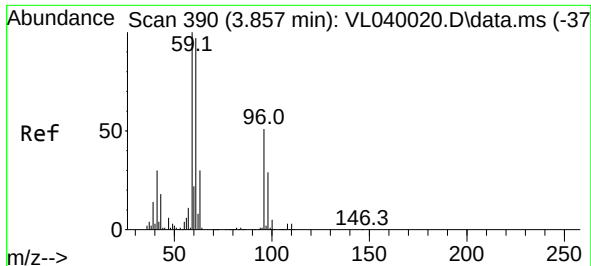
Tgt Ion: 43 Resp: 1147943
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.8



#16
1,3-Butadiene
Concen: 9.600 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.006 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 39 Resp: 593571
Ion Ratio Lower Upper
39 100
54 83.2 68.3 102.5





#17

tert-Butyl alcohol

Concen: 8.655 ppbv

RT: 3.848 min Scan# 387

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

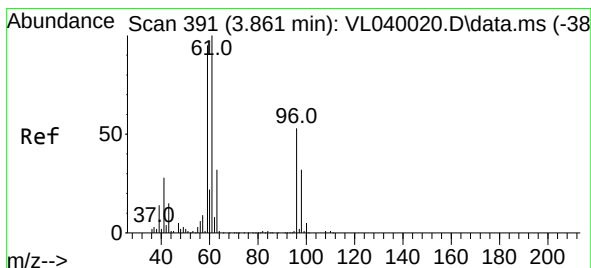
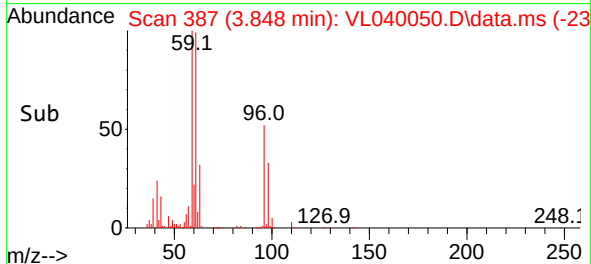
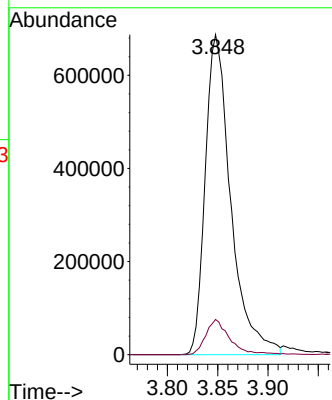
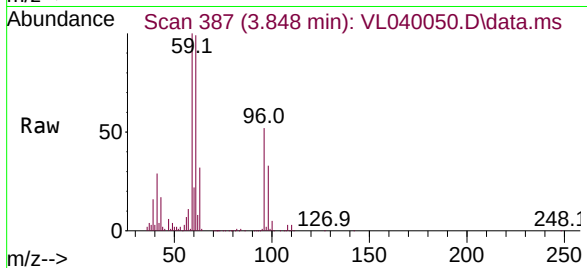
VSTDCCC010

Tgt Ion: 59 Resp: 1213811

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



#18

1,1-Dichloroethene

Concen: 8.997 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

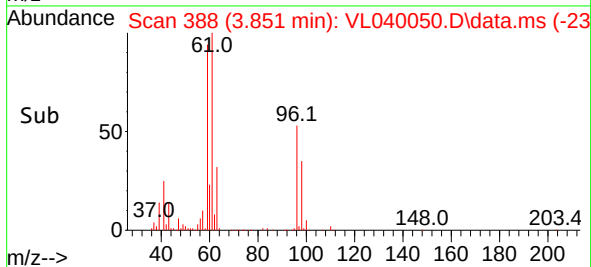
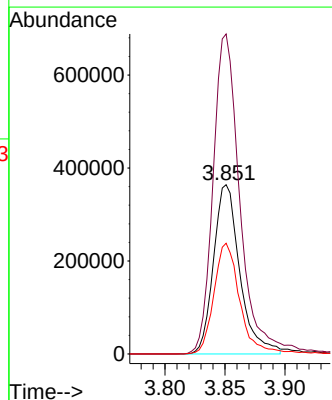
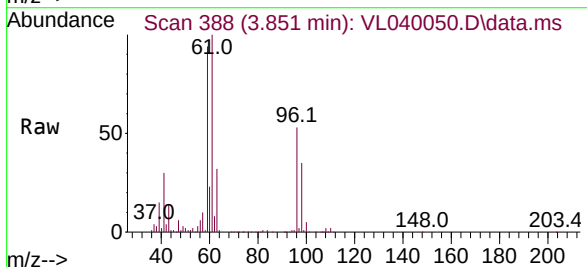
Tgt Ion: 96 Resp: 554749

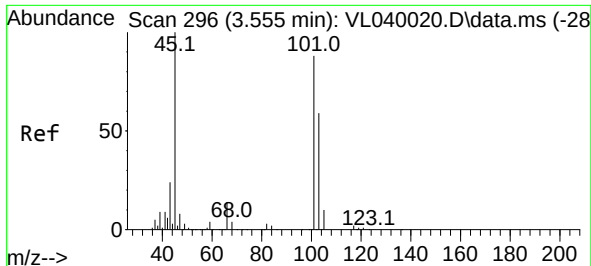
Ion Ratio Lower Upper

96 100

61 189.0 151.0 226.6

98 65.4 47.7 71.5





#19

Isopropyl Alcohol

Concen: 8.872 ppbv

RT: 3.546 min Scan# 296

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

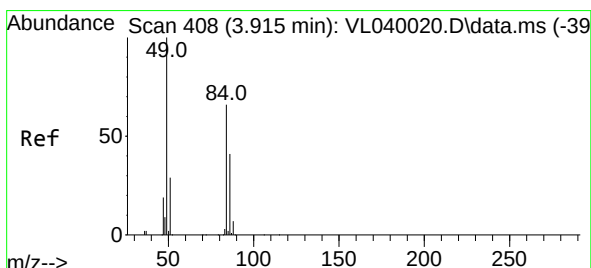
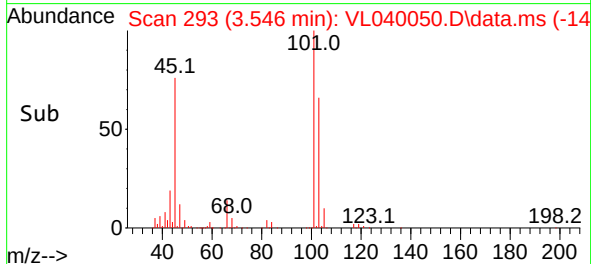
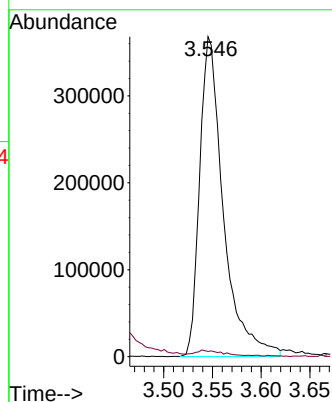
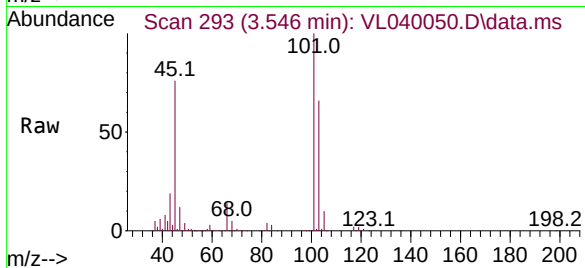
VSTDCCC010

Tgt Ion: 45 Resp: 621981

Ion Ratio Lower Upper

45 100

58 2.5 1.7 2.5



#20

Methylene Chloride

Concen: 7.684 ppbv

RT: 3.902 min Scan# 404

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Tgt Ion: 84 Resp: 464585

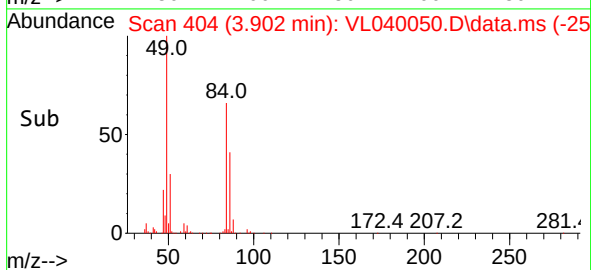
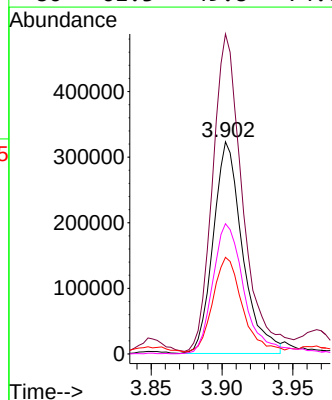
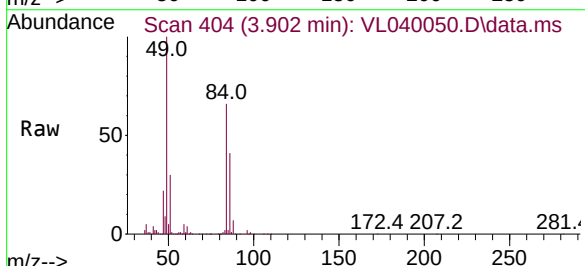
Ion Ratio Lower Upper

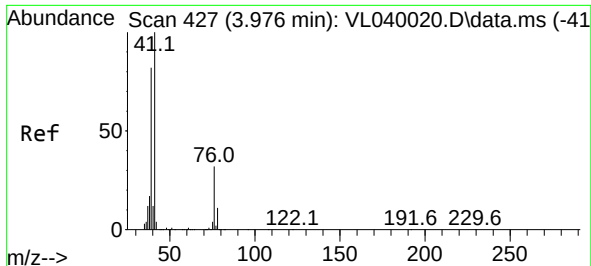
84 100

49 149.5 120.5 180.7

51 44.2 35.2 52.8

86 61.3 49.8 74.6





#21

Allyl Chloride

Concen: 9.268 ppbv

RT: 3.967 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDC010

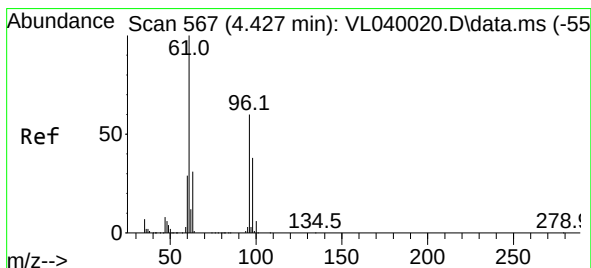
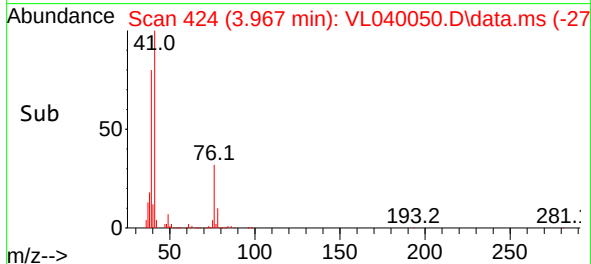
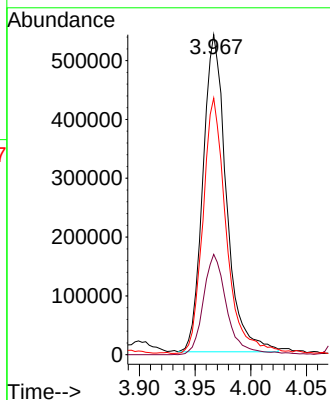
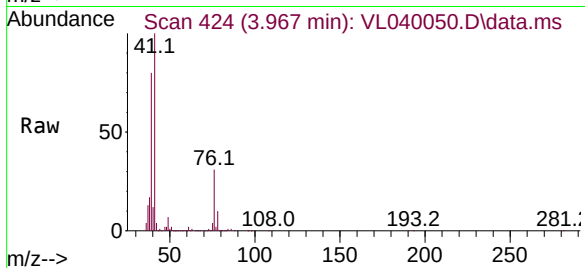
Tgt Ion: 41 Resp: 792189

Ion Ratio Lower Upper

41 100

76 32.0 25.9 38.9

39 81.2 66.0 99.0



#22

trans-1,2-Dichloroethene

Concen: 9.465 ppbv

RT: 4.414 min Scan# 563

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

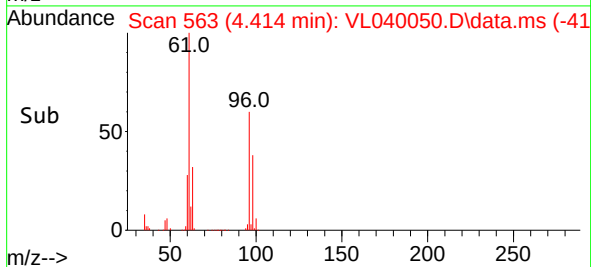
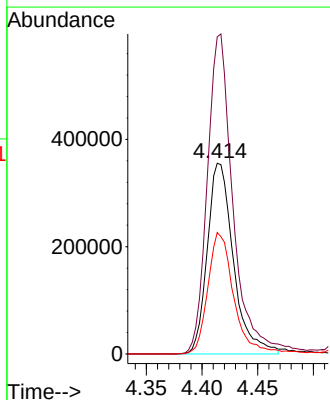
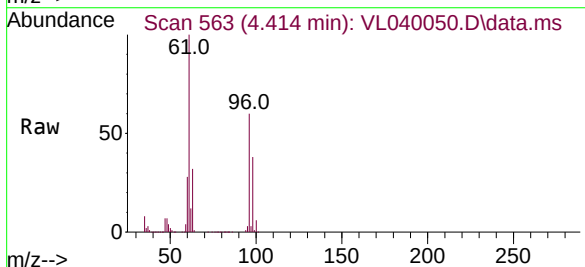
Tgt Ion: 96 Resp: 581650

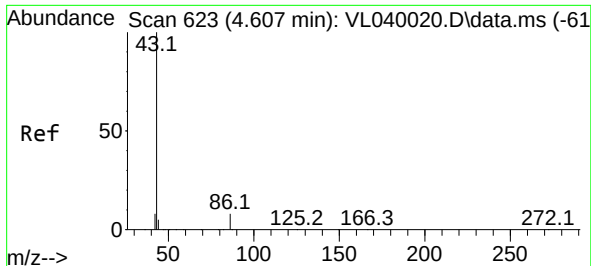
Ion Ratio Lower Upper

96 100

61 166.2 133.6 200.4

98 63.6 51.4 77.0



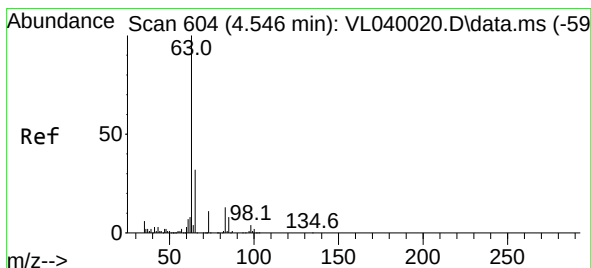
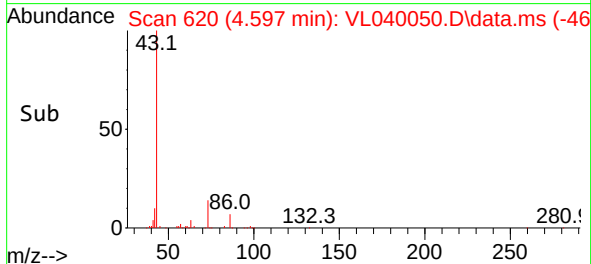
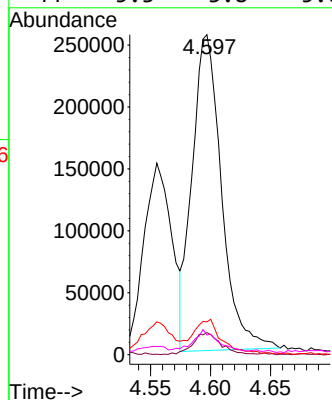
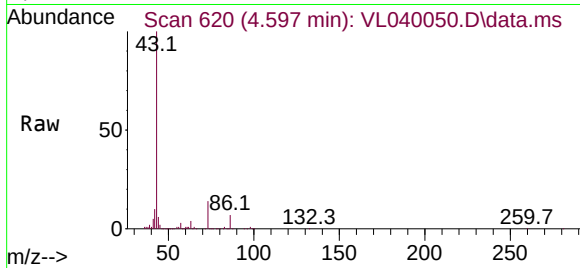


#23
 Vinyl Acetate
 Concen: 9.648 ppbv
 RT: 4.597 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 435115

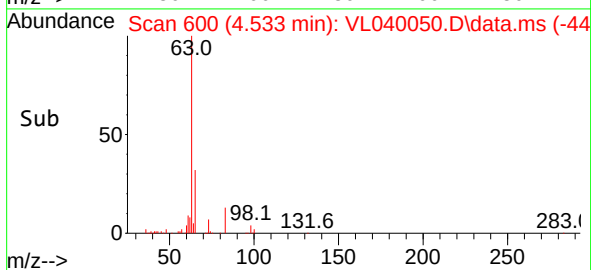
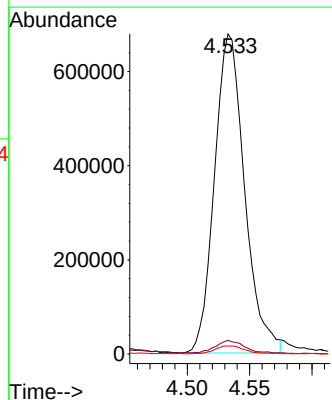
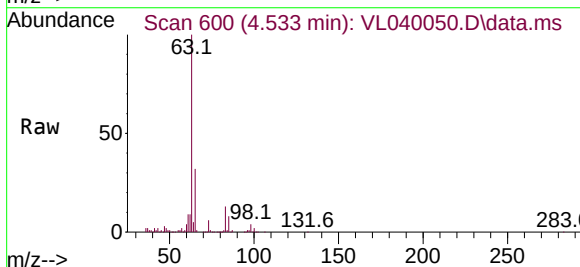
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.3	7.9
42	10.1	7.4	11.0
44	5.3	3.8	5.6

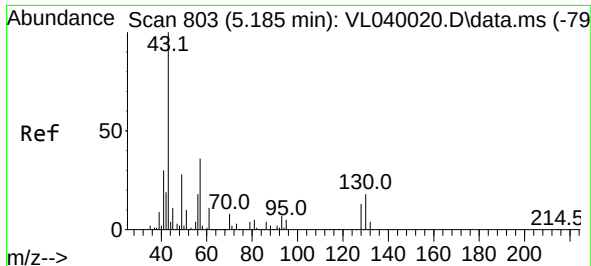


#24
 1,1-Dichloroethane
 Concen: 8.613 ppbv
 RT: 4.533 min Scan# 600
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 63 Resp: 1140656

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.4	1.1	3.3



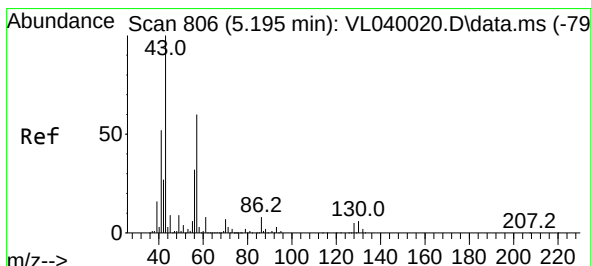
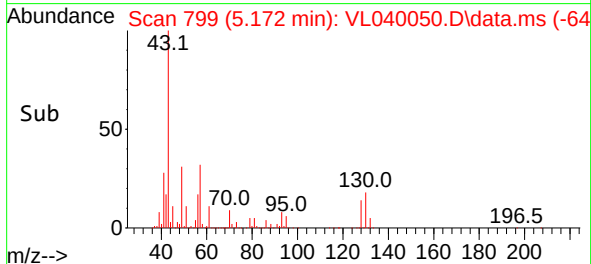
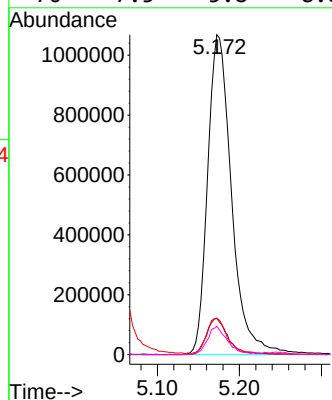
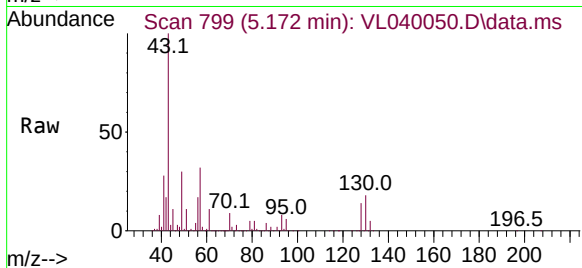


#25
Ethyl Acetate
Concen: 8.753 ppbv
RT: 5.172 min Scan# 79
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2156425

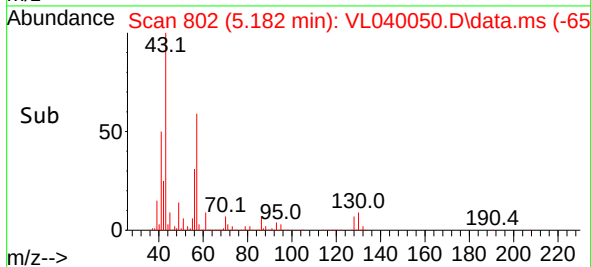
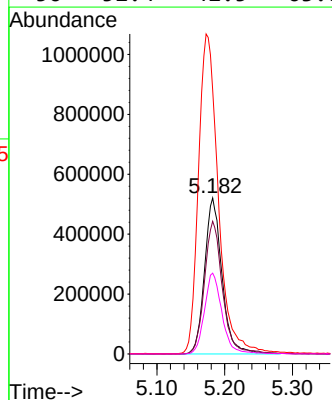
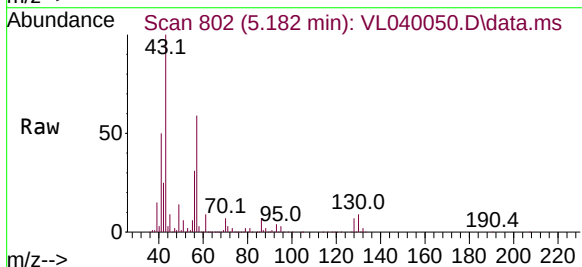
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.6	12.8
61	10.6	8.5	12.7
70	7.5	5.8	8.8

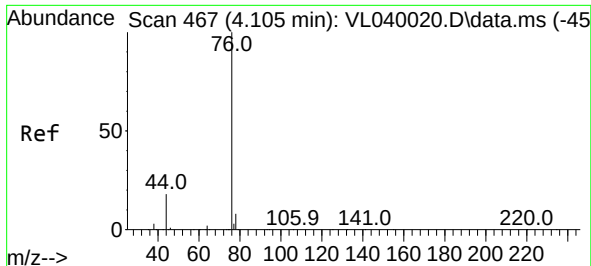


#26
Hexane
Concen: 8.995 ppbv
RT: 5.182 min Scan# 802
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 57 Resp: 931383

Ion	Ratio	Lower	Upper
57	100		
41	89.0	72.1	108.1
43	235.0	192.1	288.1
56	52.4	42.5	63.7



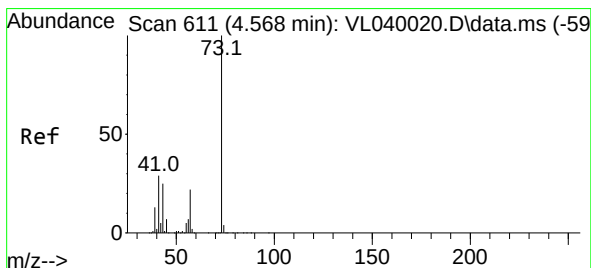
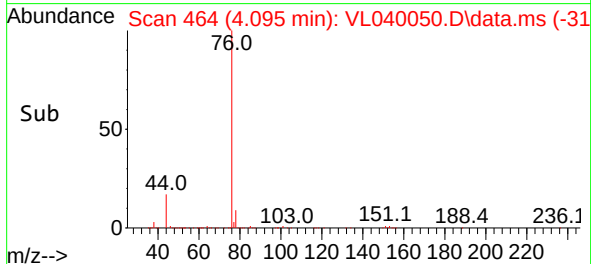
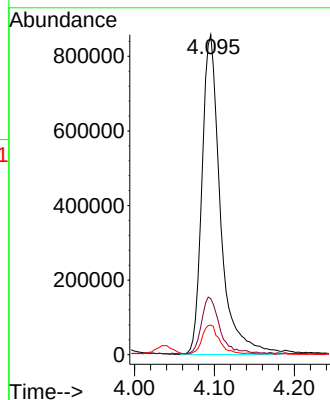
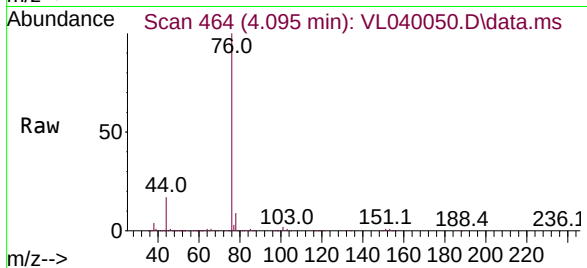


#27
Carbon Disulfide
Concen: 10.572 ppbv
RT: 4.095 min Scan# 407
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1380784

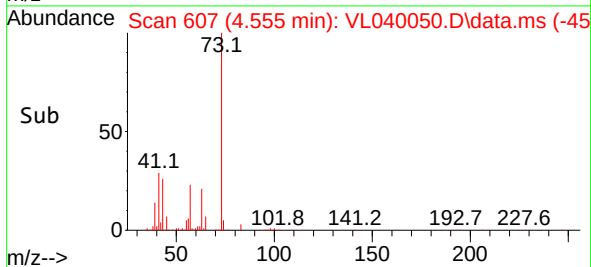
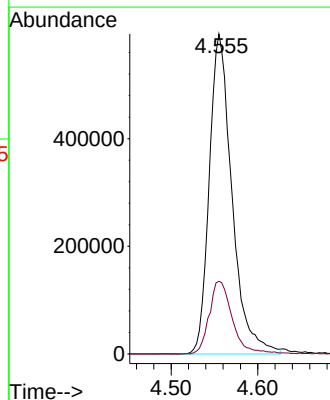
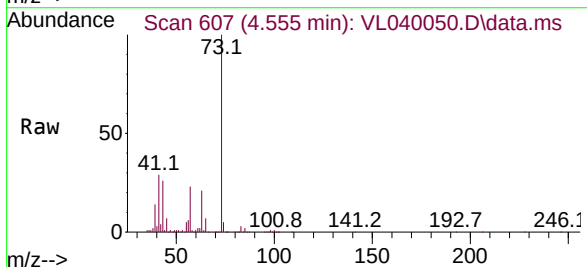
Ion	Ratio	Lower	Upper
76	100		
44	17.8	15.3	22.9
78	9.3	7.8	11.6

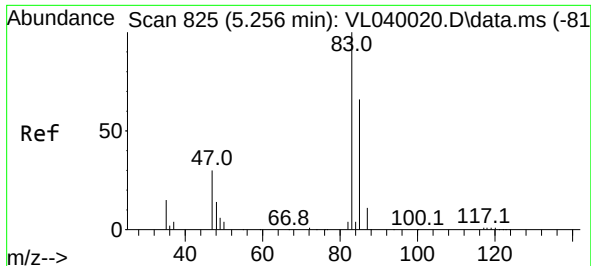


#28
Methyl tert-Butyl Ether
Concen: 8.869 ppbv
RT: 4.555 min Scan# 607
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 73 Resp: 1082263

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.6	28.0





#29

Chloroform

Concen: 8.602 ppbv

RT: 5.243 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

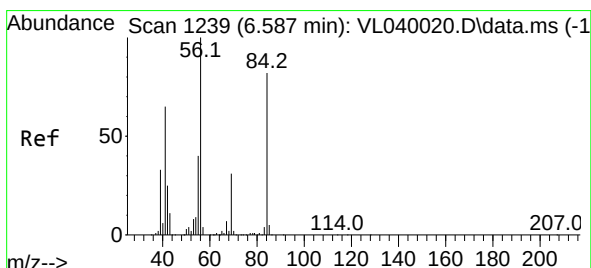
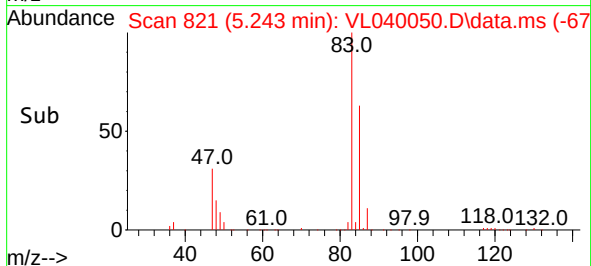
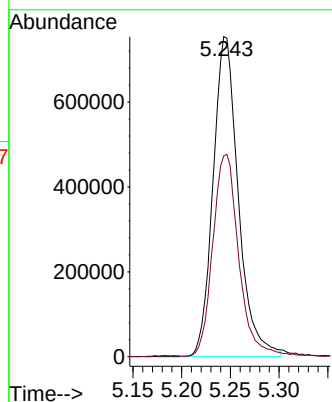
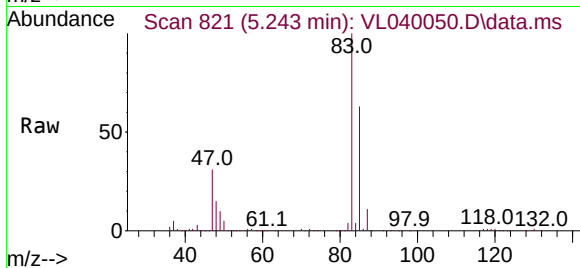
VSTDCCC010

Tgt Ion: 83 Resp: 1359123

Ion Ratio Lower Upper

83 100

85 62.5 52.4 78.6



#30

Cyclohexane

Concen: 9.442 ppbv

RT: 6.571 min Scan# 1234

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

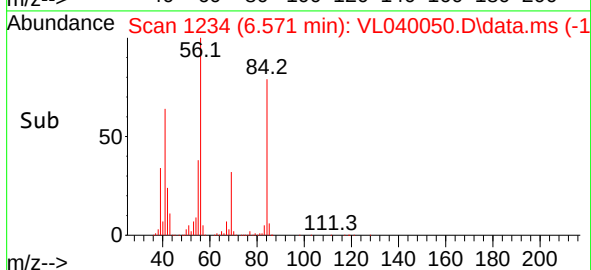
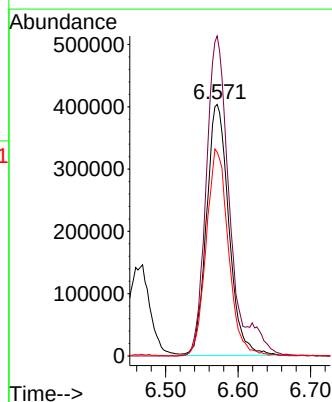
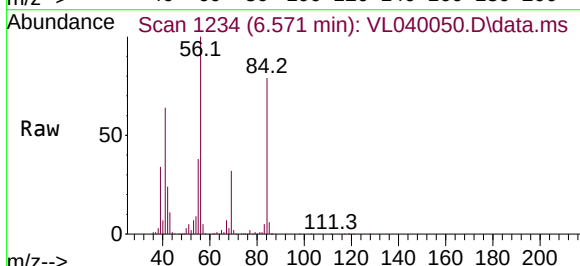
Tgt Ion: 84 Resp: 865779

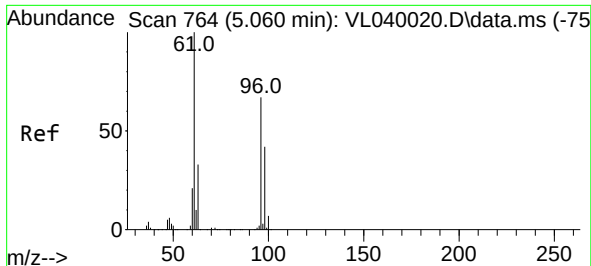
Ion Ratio Lower Upper

84 100

56 134.4 110.2 165.4

41 81.3 67.8 101.8

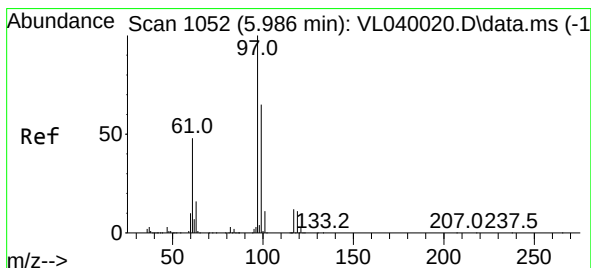
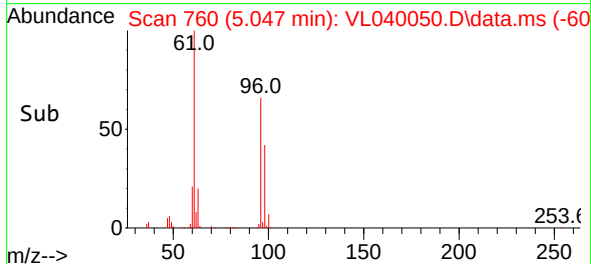
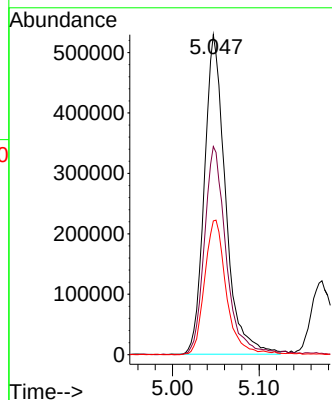
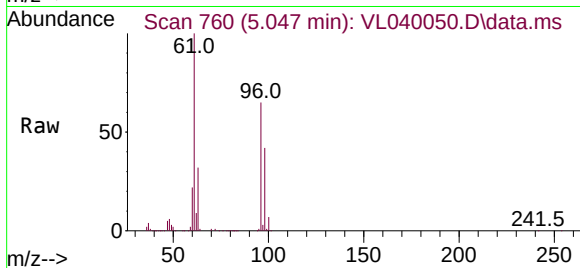




#31
 cis-1,2-Dichloroethene
 Concen: 9.103 ppbv
 RT: 5.047 min Scan# 764
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

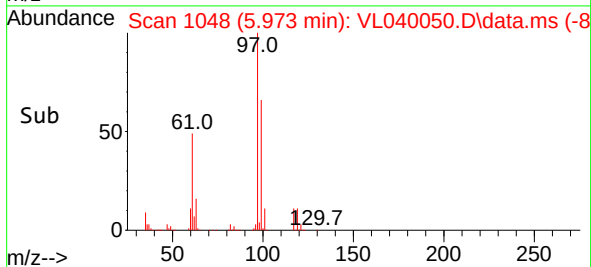
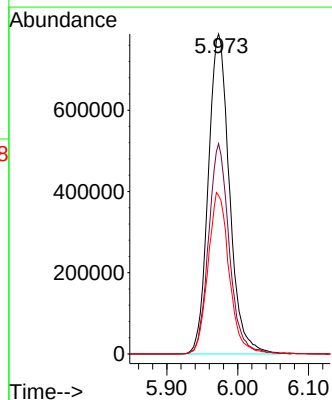
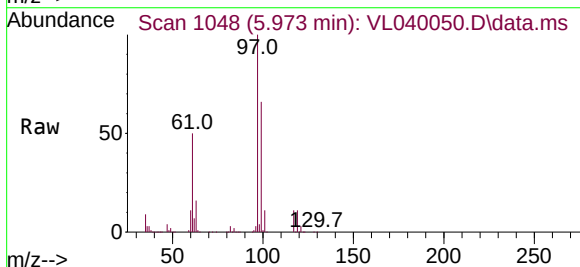
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

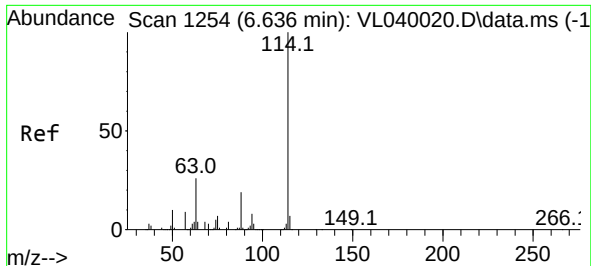
Tgt Ion: 61 Resp: 897592
 Ion Ratio Lower Upper
 61 100
 96 65.1 53.4 80.2
 98 41.9 33.4 50.0



#32
 1,1,1-Trichloroethane
 Concen: 9.661 ppbv
 RT: 5.973 min Scan# 1048
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 97 Resp: 1634240
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.8 77.6
 61 50.7 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

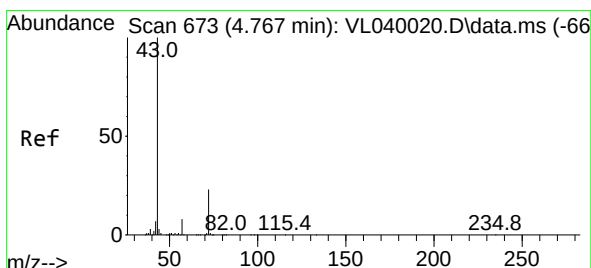
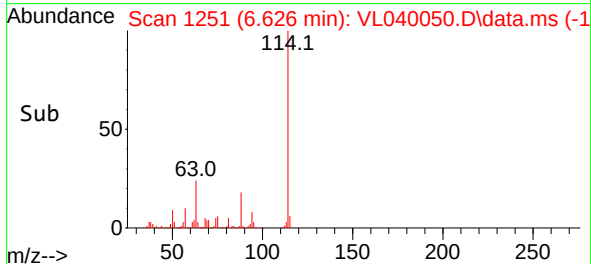
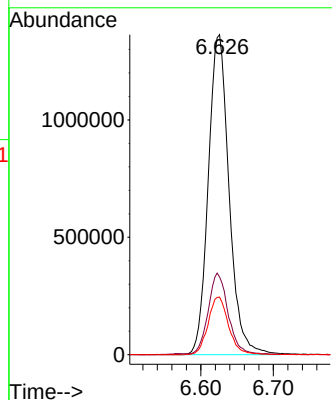
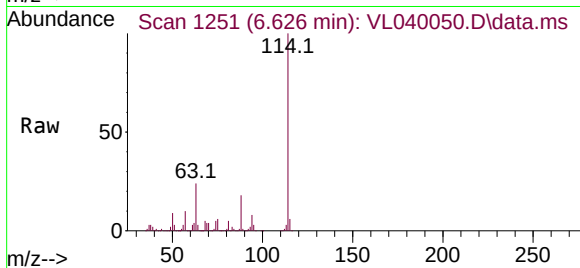
Tgt Ion:114 Resp: 2714742

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.2

88 17.9 14.6 21.8



#34

2-Butanone

Concen: 8.749 ppbv

RT: 4.754 min Scan# 669

Delta R.T. -0.013 min

Lab File: VL040050.D

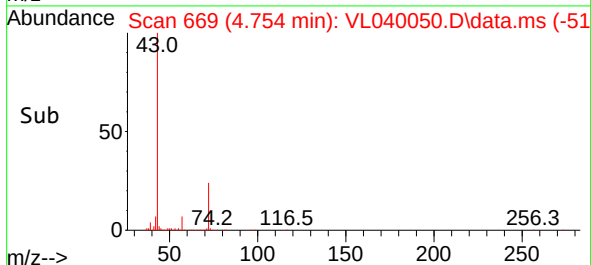
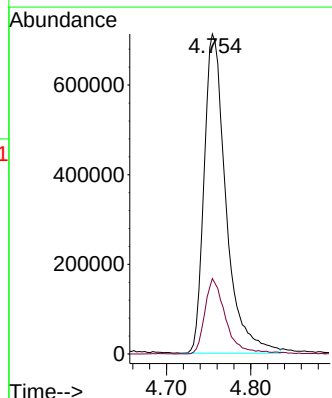
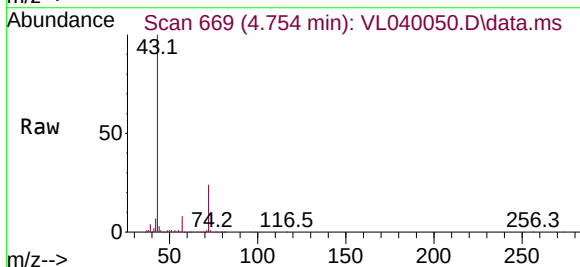
Acq: 20 Dec 2022 9:51

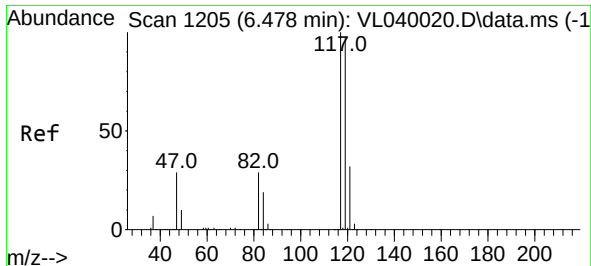
Tgt Ion: 43 Resp: 1288483

Ion Ratio Lower Upper

43 100

72 22.7 18.0 27.0

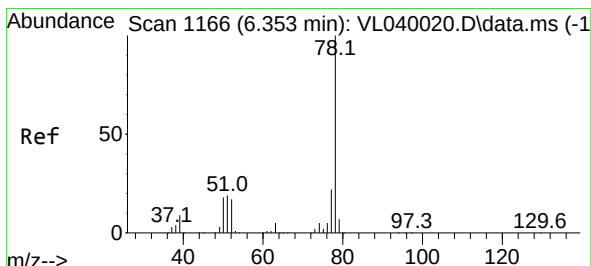
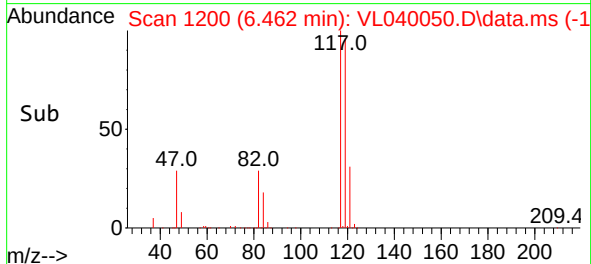
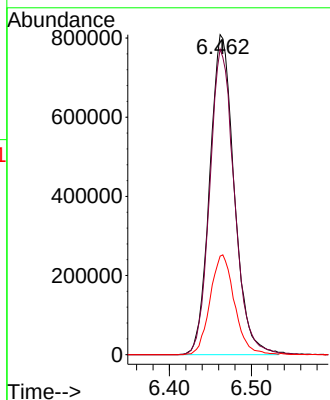
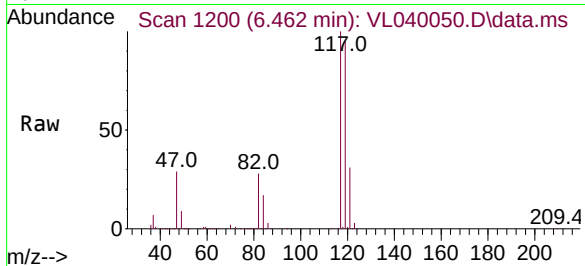




#35
Carbon Tetrachloride
Concen: 9.964 ppbv
RT: 6.462 min Scan# 1162
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

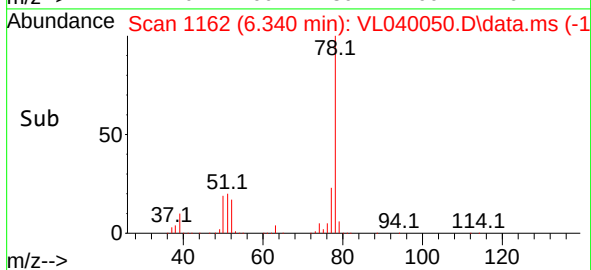
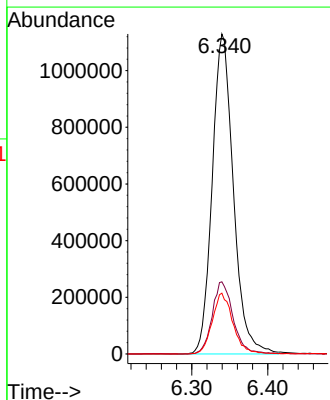
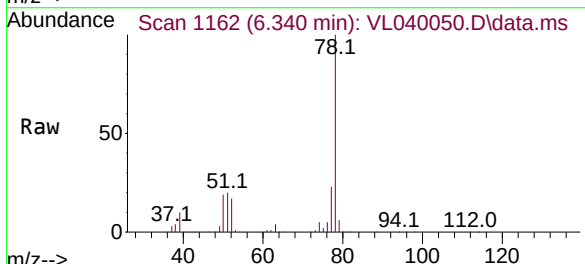
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

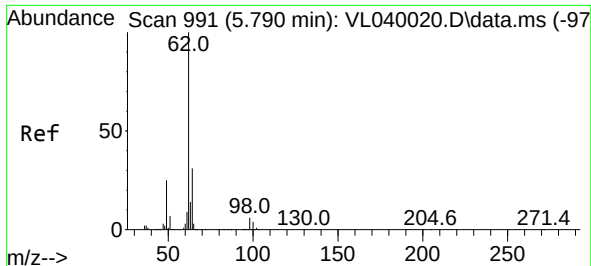
Tgt Ion:117 Resp: 1680057
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 30.8 25.4 38.0



#36
Benzene
Concen: 8.989 ppbv
RT: 6.340 min Scan# 1162
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 78 Resp: 2179428
Ion Ratio Lower Upper
78 100
77 22.5 17.5 26.3
50 19.0 14.2 21.2





#37

1,2-Dichloroethane

Concen: 8.928 ppbv

RT: 5.777 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

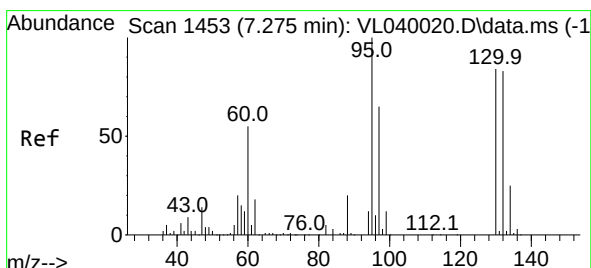
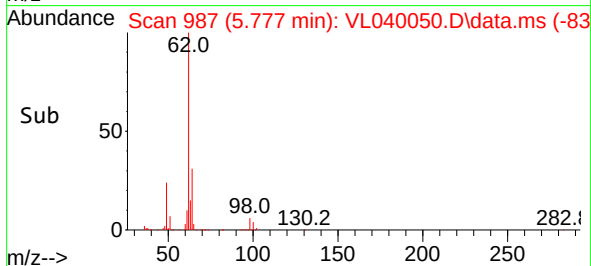
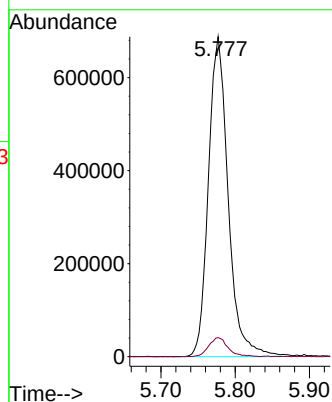
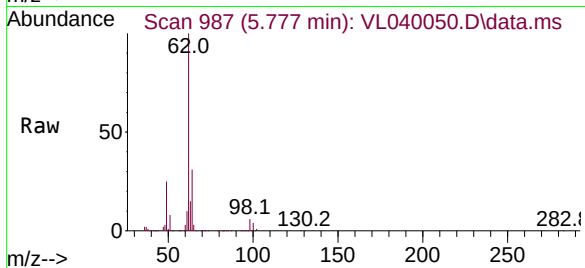
VSTDCCC010

Tgt Ion: 62 Resp: 1269913

Ion Ratio Lower Upper

62 100

98 6.0 5.1 7.7



#38

Trichloroethene

Concen: 10.140 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Tgt Ion:130 Resp: 1263449

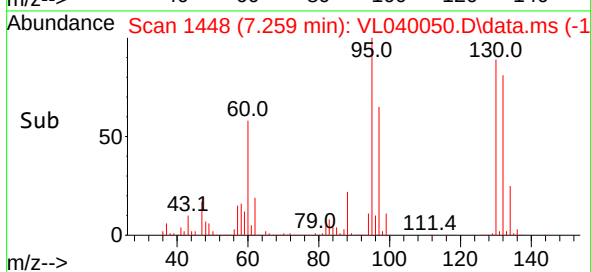
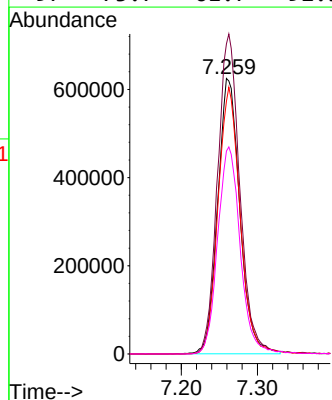
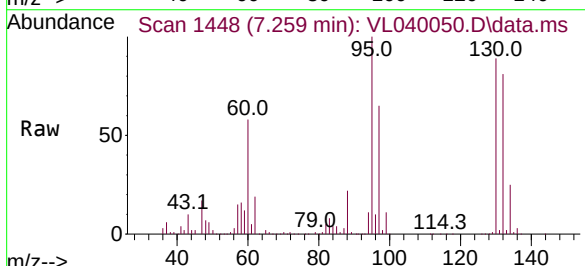
Ion Ratio Lower Upper

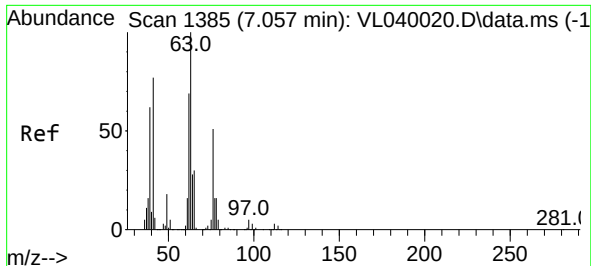
130 100

95 112.6 94.8 142.2

132 91.8 78.2 117.4

97 73.7 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.964 ppbv

RT: 7.044 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

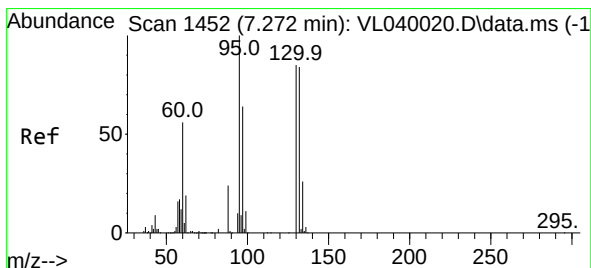
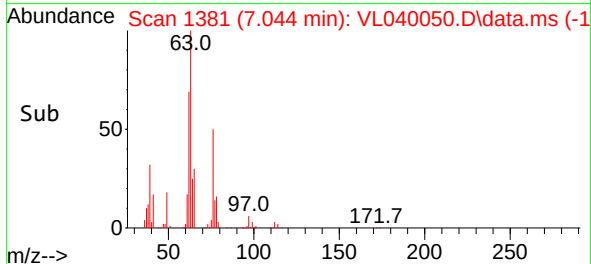
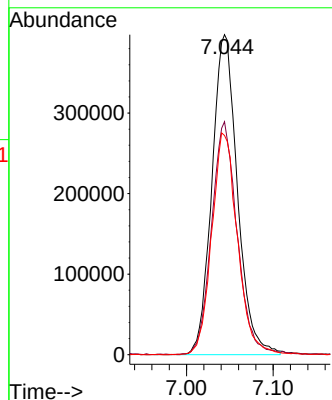
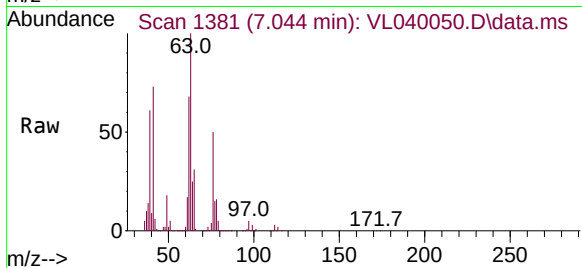
Tgt Ion: 63 Resp: 814633

Ion Ratio Lower Upper

63 100

41 72.7 61.4 92.0

62 68.4 55.4 83.2



#40

1,4-Dioxane

Concen: 8.525 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Tgt Ion: 88 Resp: 349184

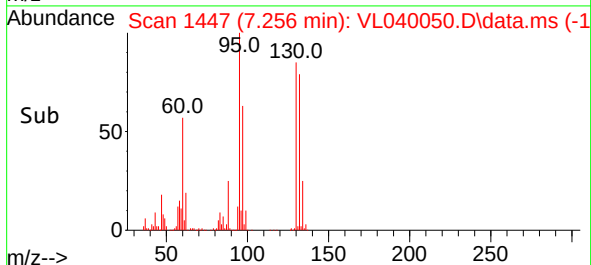
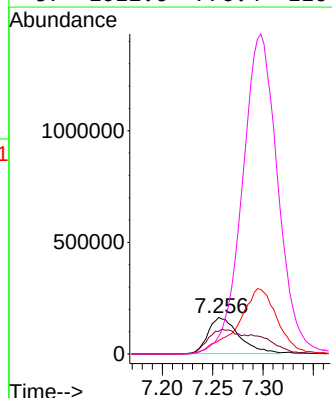
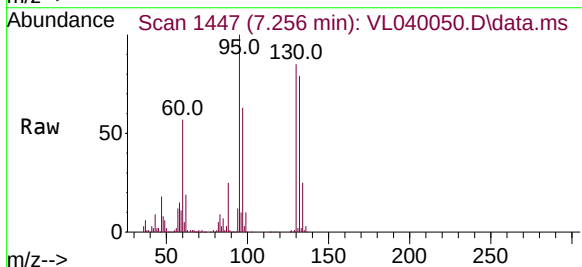
Ion Ratio Lower Upper

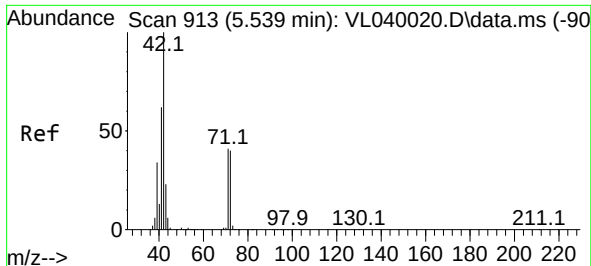
88 100

58 117.4 92.7 139.1

43 230.0 174.6 261.8

57 1012.6 776.4 1164.6





#41

Tetrahydrofuran

Concen: 8.578 ppbv

RT: 5.526 min Scan# 909

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

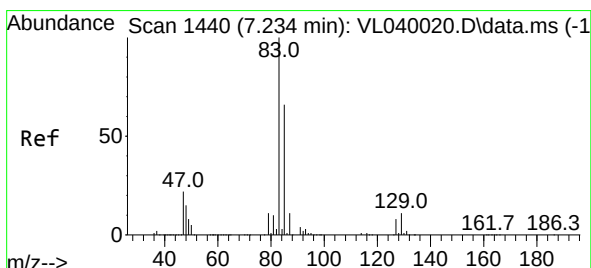
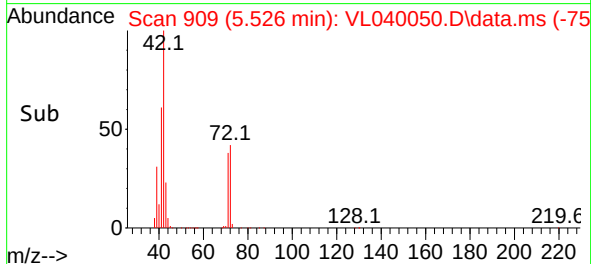
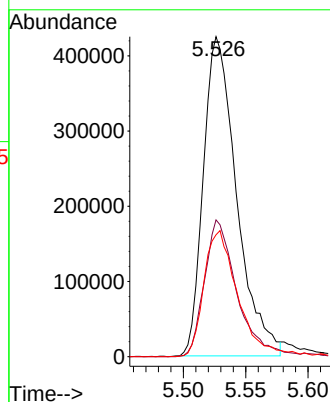
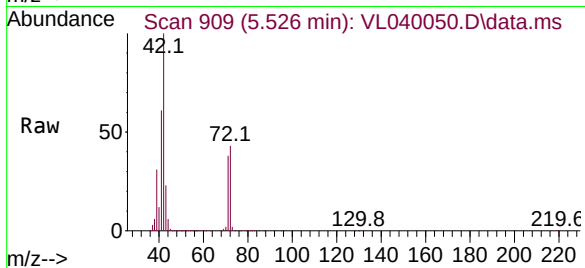
Tgt Ion: 42 Resp: 788555

Ion Ratio Lower Upper

42 100

72 42.8 32.9 49.3

71 41.3 32.2 48.2



#42

Bromodichloromethane

Concen: 9.235 ppbv

RT: 7.221 min Scan# 1436

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

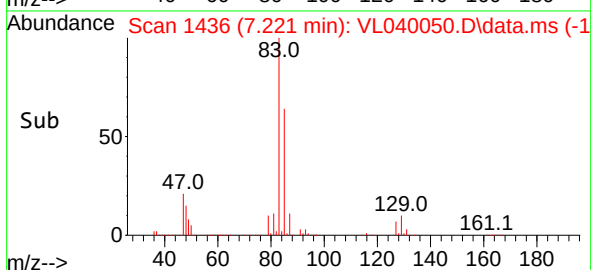
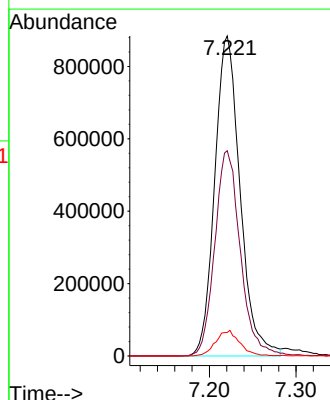
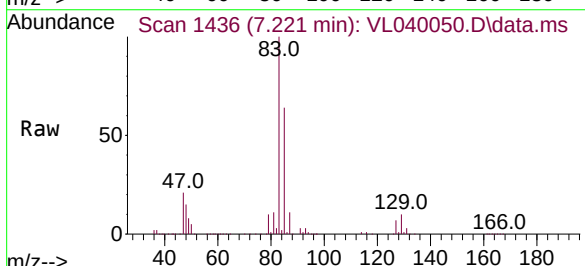
Tgt Ion: 83 Resp: 1799491

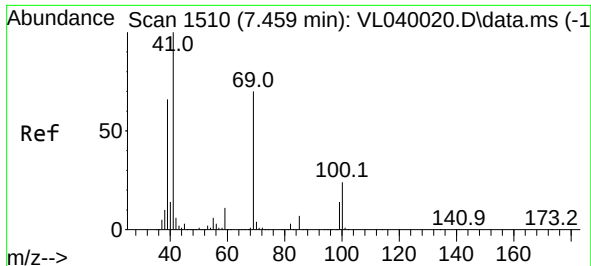
Ion Ratio Lower Upper

83 100

85 64.1 53.0 79.6

127 7.4 6.2 9.2

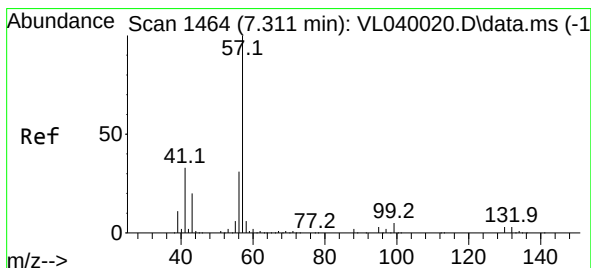
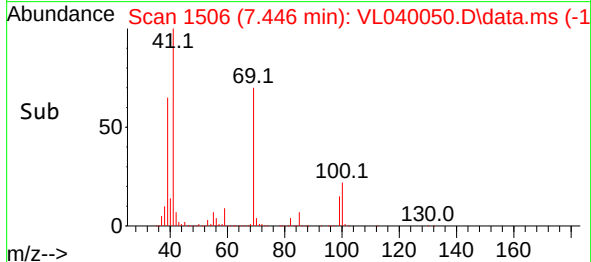
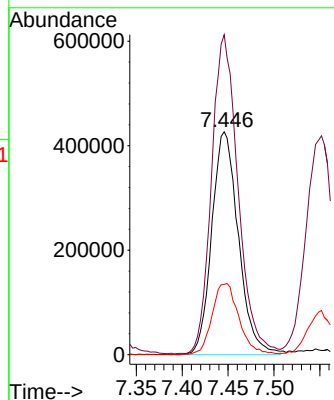
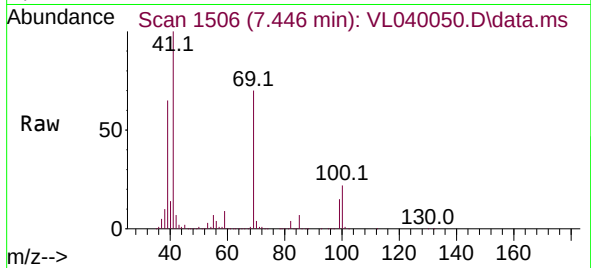




#43
Methyl Methacrylate
Concen: 9.466 ppbv
RT: 7.446 min Scan# 1506
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

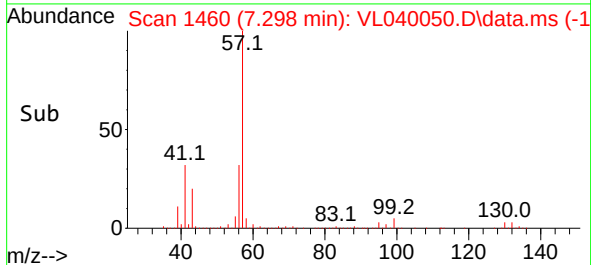
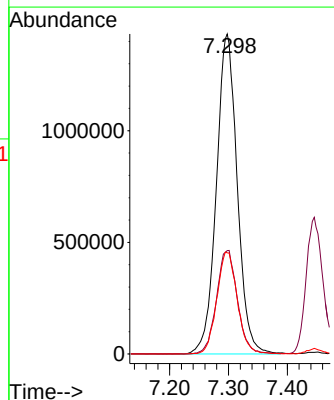
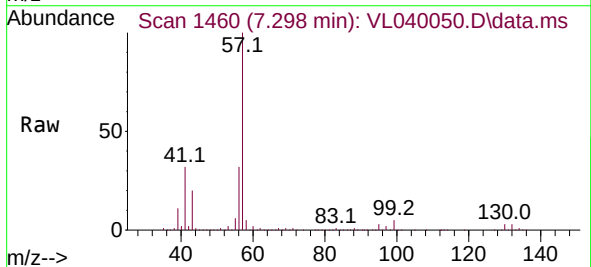
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

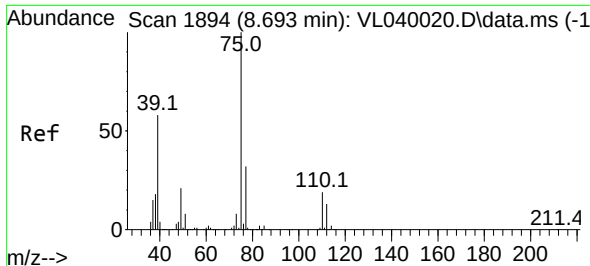
Tgt Ion: 69 Resp: 861360
Ion Ratio Lower Upper
69 100
41 143.0 115.7 173.5
100 32.2 26.0 39.0



#44
2,2,4-Trimethylpentane
Concen: 8.847 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 57 Resp: 3531358
Ion Ratio Lower Upper
57 100
41 32.4 26.2 39.4
56 31.4 25.1 37.7

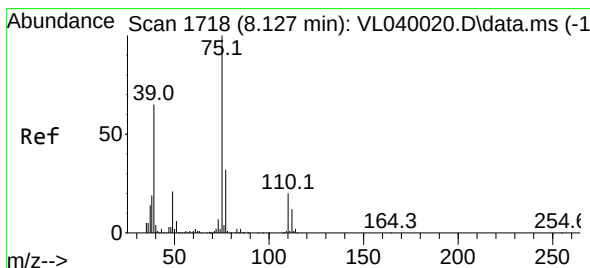
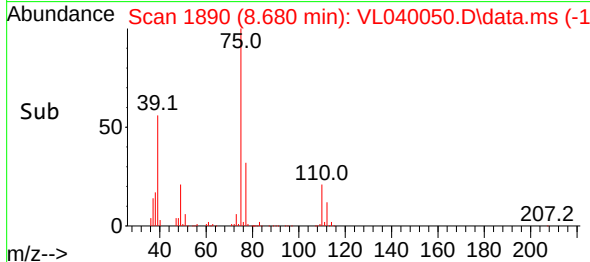
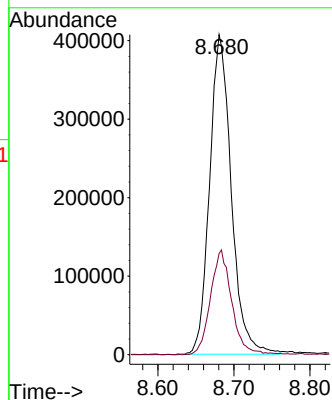
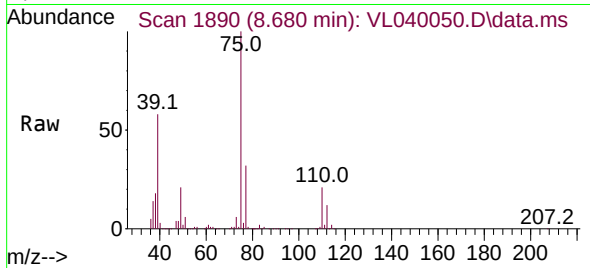




#45
 t-1,3-Dichloropropene
 Concen: 10.484 ppbv
 RT: 8.680 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

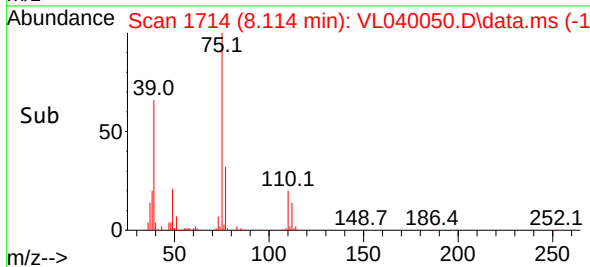
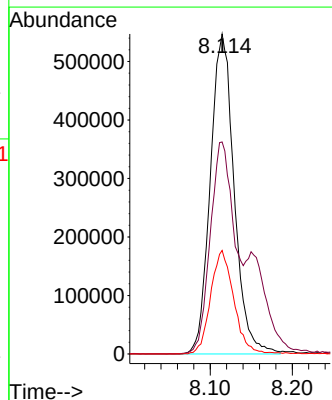
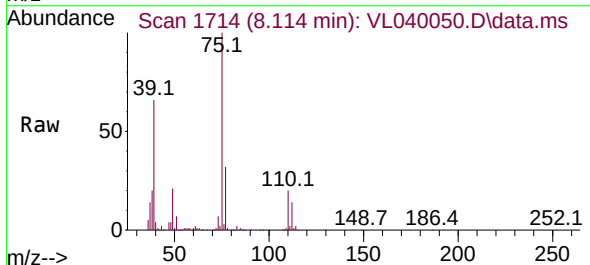
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

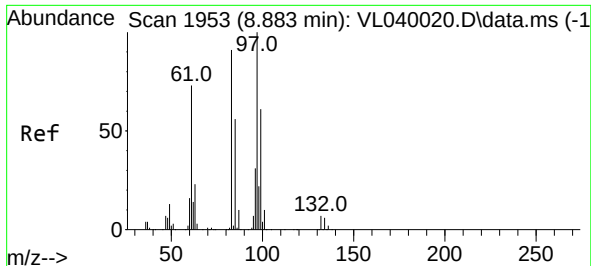
Tgt Ion: 75 Resp: 806310
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 10.181 ppbv
 RT: 8.114 min Scan# 1714
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 75 Resp: 1104274
 Ion Ratio Lower Upper
 75 100
 39 66.2 51.7 77.5
 77 32.4 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.750 ppbv

RT: 8.870 min Scan# 1953

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 870856

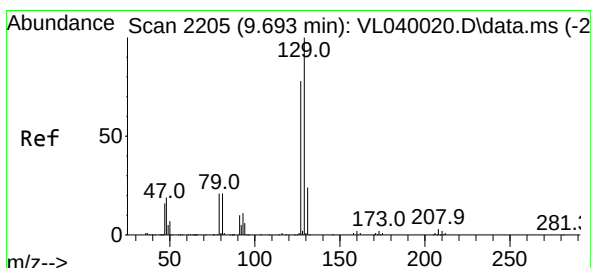
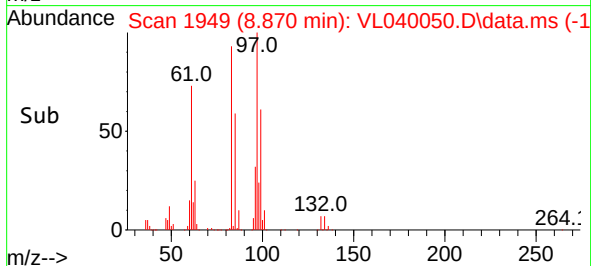
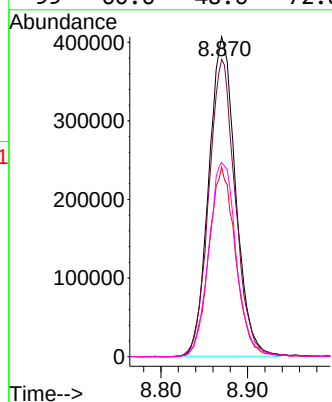
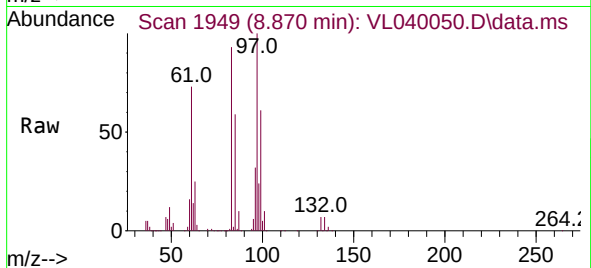
Ion Ratio Lower Upper

97 100

83 92.8 72.5 108.7

85 59.2 45.0 67.6

99 60.6 48.6 72.8



#48

Dibromochloromethane

Concen: 9.567 ppbv

RT: 9.680 min Scan# 2201

Delta R.T. -0.013 min

Lab File: VL040050.D

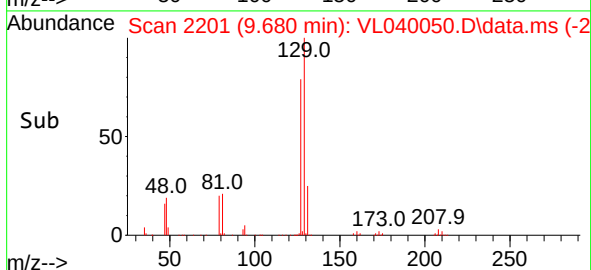
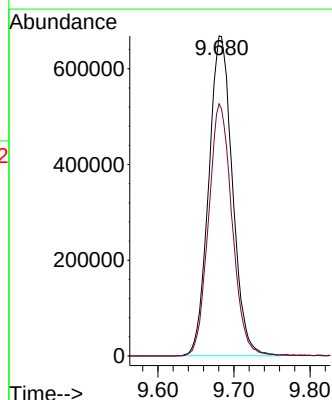
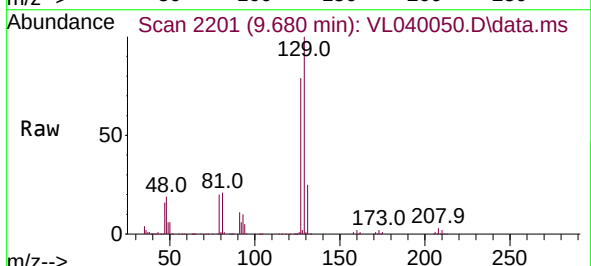
Acq: 20 Dec 2022 9:51

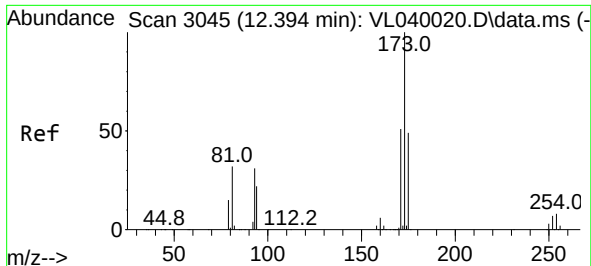
Tgt Ion: 129 Resp: 1447963

Ion Ratio Lower Upper

129 100

127 78.4 39.4 118.1





#49

Bromoform

Concen: 9.314 ppbv

RT: 12.381 min Scan# 3045

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

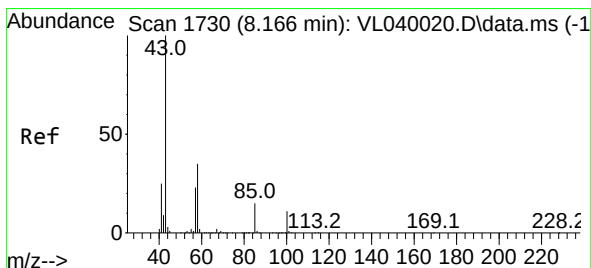
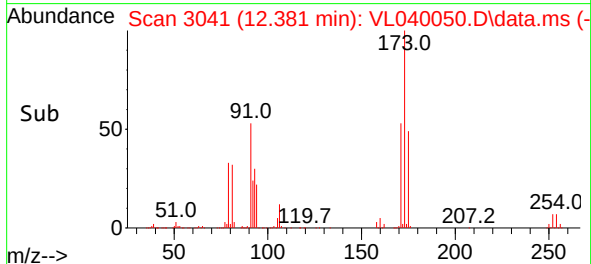
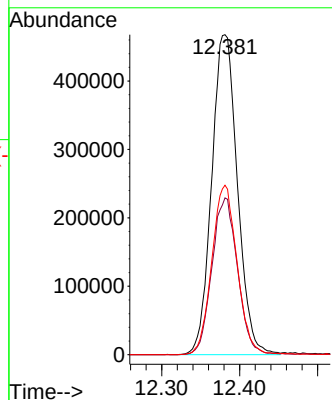
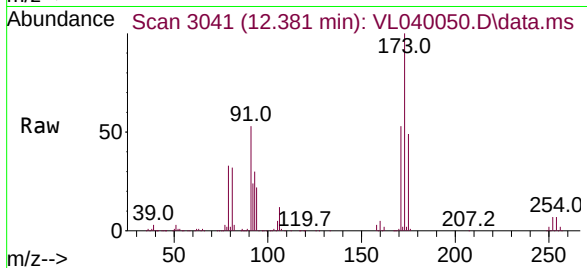
Tgt Ion:173 Resp: 1075379

Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

171 52.1 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 8.922 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.013 min

Lab File: VL040050.D

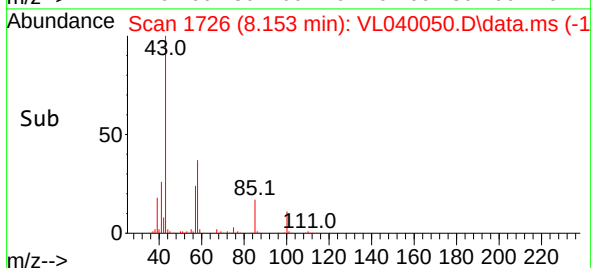
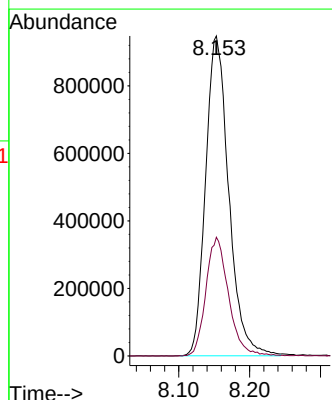
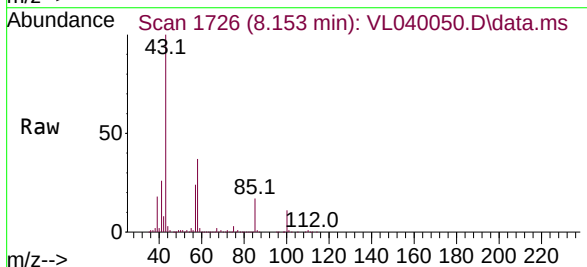
Acq: 20 Dec 2022 9:51

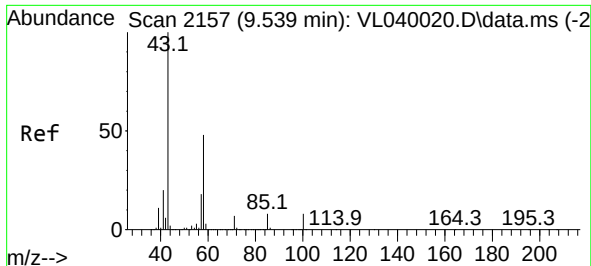
Tgt Ion: 43 Resp: 2146680

Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.4

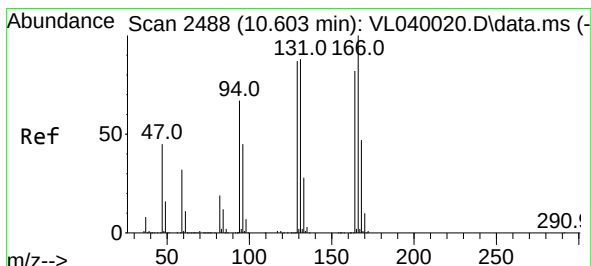
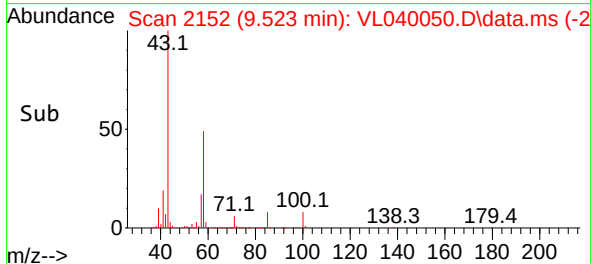
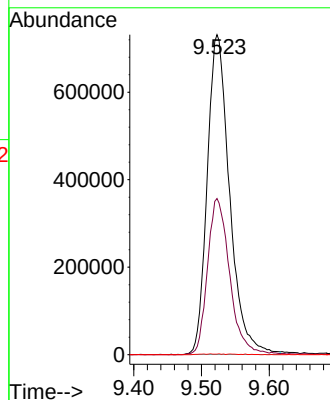
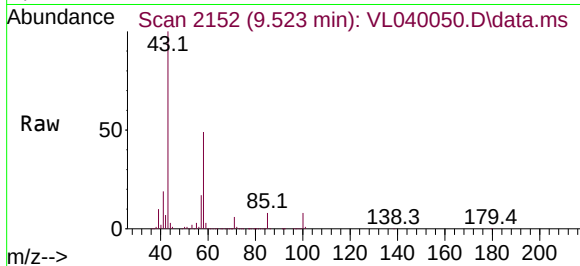




#51
2-Hexanone
Concen: 8.957 ppbv
RT: 9.523 min Scan# 2157
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

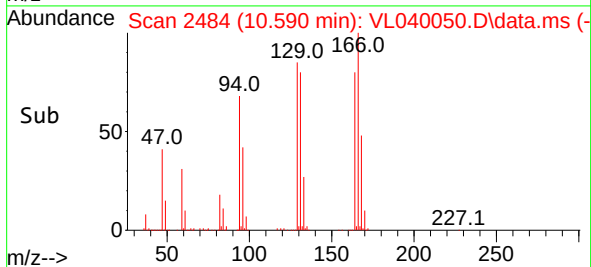
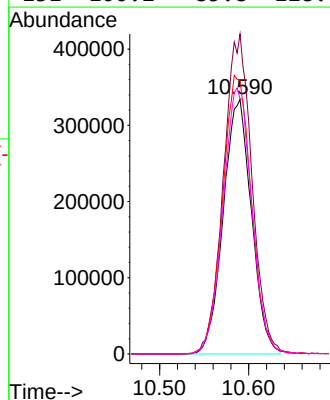
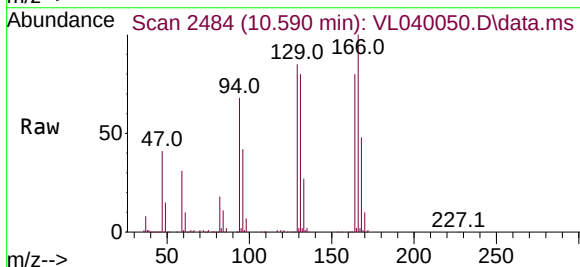
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

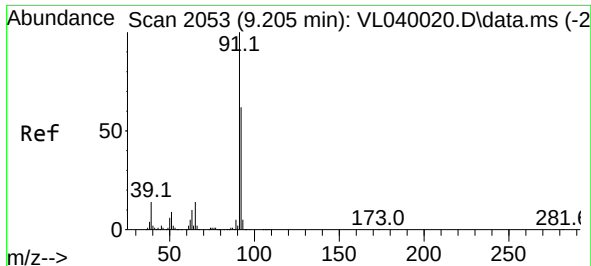
Tgt Ion: 43 Resp: 1676351
Ion Ratio Lower Upper
43 100
58 48.9 39.4 59.2
98 0.3 0.2 0.4



#52
Tetrachloroethene
Concen: 8.902 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 164 Resp: 733845
Ion Ratio Lower Upper
164 100
166 125.7 97.4 146.0
129 107.3 84.3 126.5
131 100.2 85.8 128.8

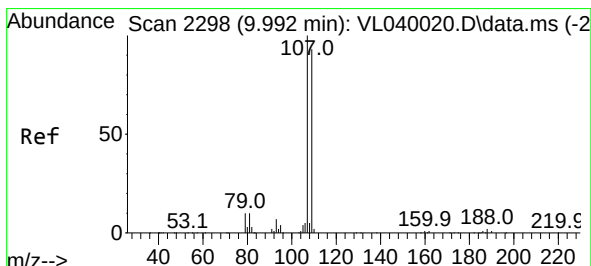
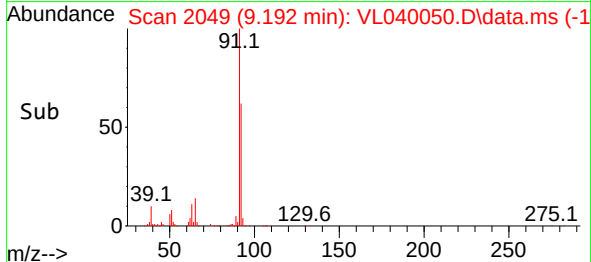
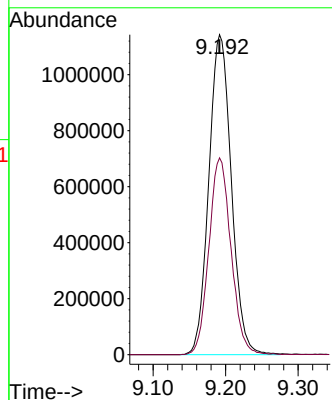
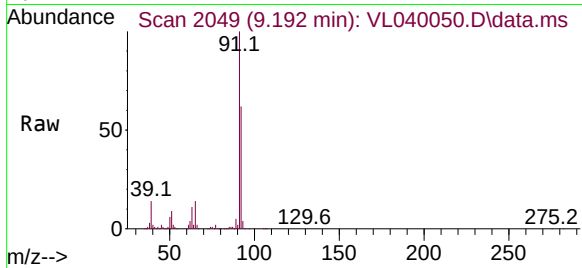




#53
Toluene
Concen: 9.181 ppbv
RT: 9.192 min Scan# 2053
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

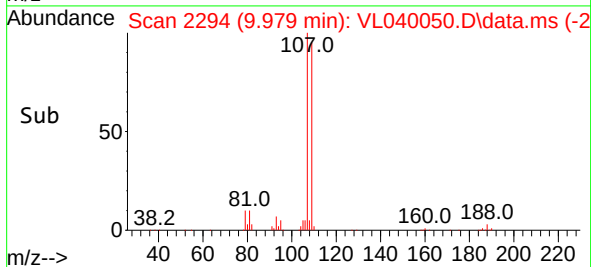
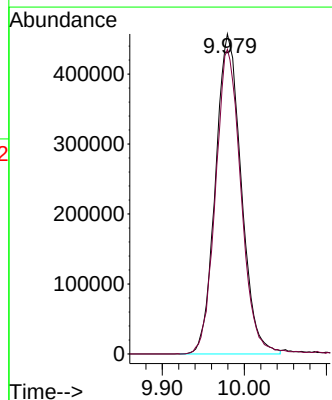
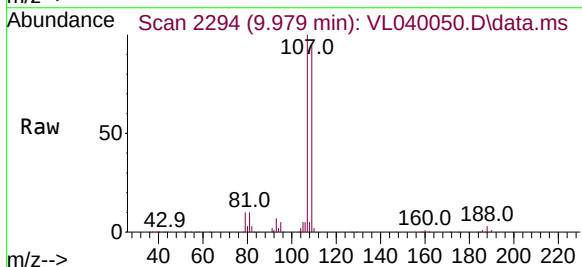
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

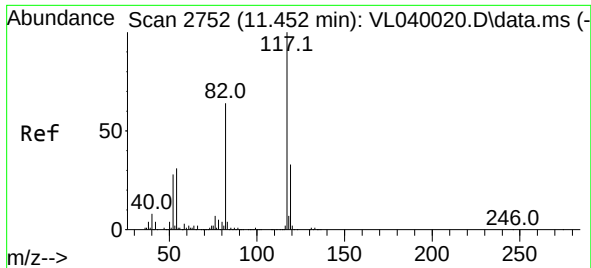
Tgt Ion: 91 Resp: 2464578
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1



#54
1,2-Dibromoethane
Concen: 9.308 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 107 Resp: 997540
Ion Ratio Lower Upper
107 100
109 95.2 74.1 111.1

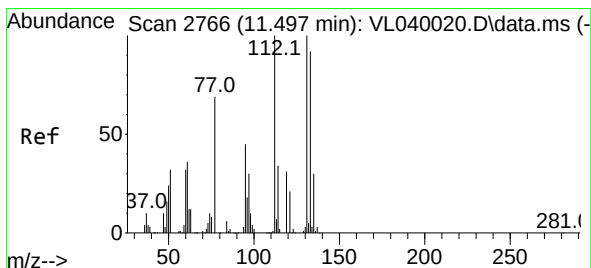
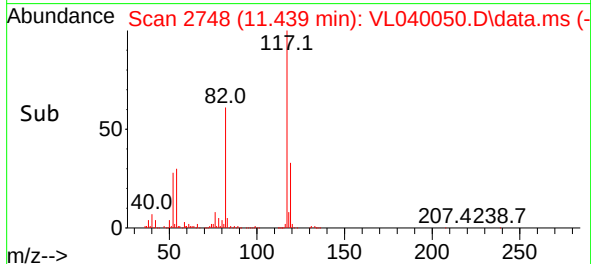
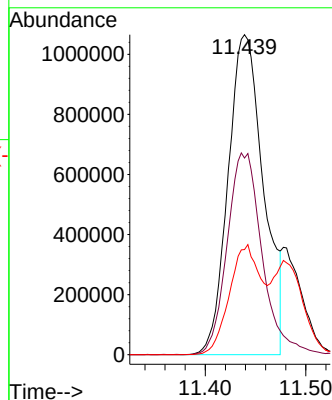
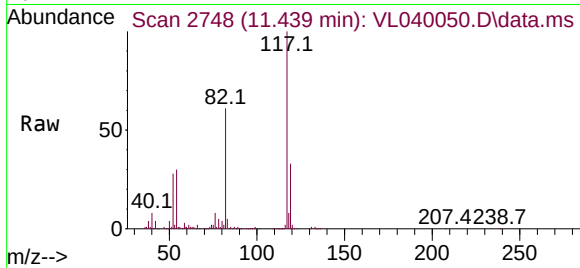




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2752
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

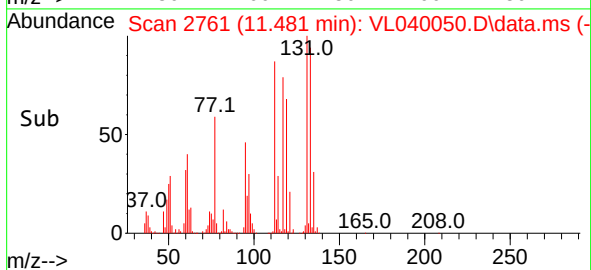
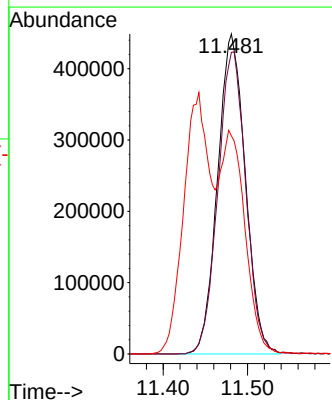
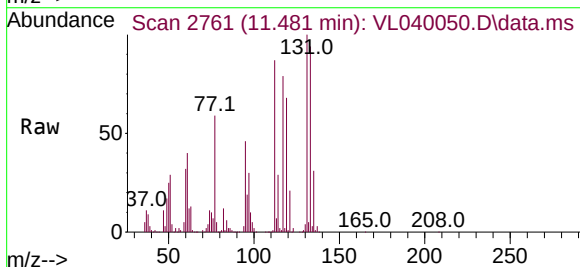
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

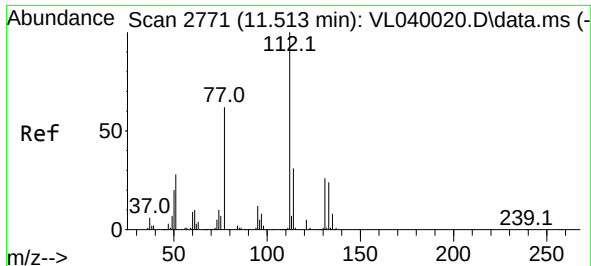
Tgt Ion:117 Resp: 2619173
Ion Ratio Lower Upper
117 100
82 62.4 51.2 76.8
119 29.1 23.2 34.8



#56
1,1,1,2-Tetrachloroethane
Concen: 8.478 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion:131 Resp: 1024312
Ion Ratio Lower Upper
131 100
133 95.2 75.8 113.8
119 68.3 52.3 78.5

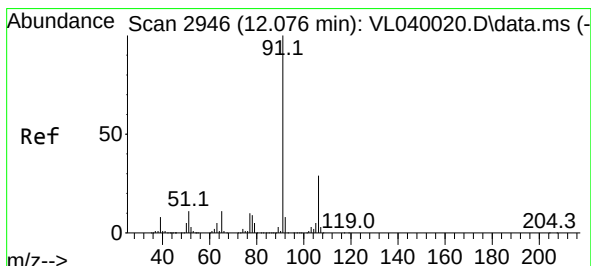
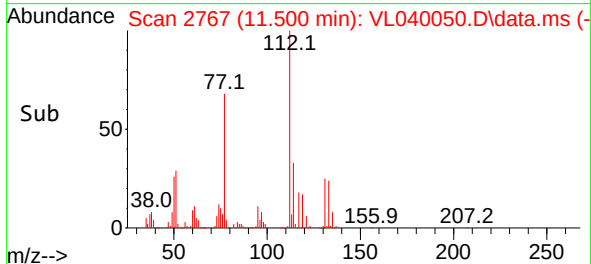
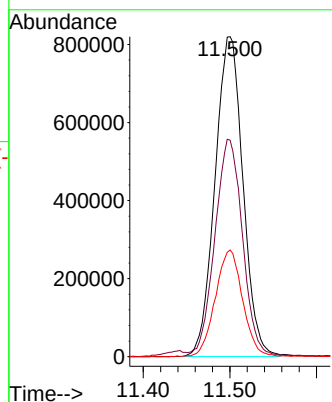
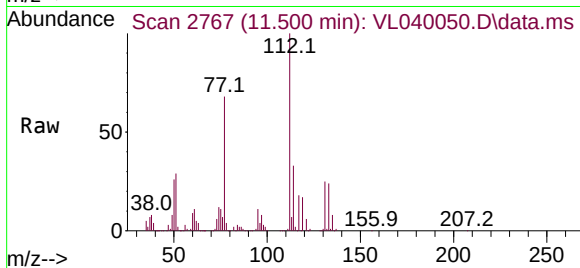




#57
Chlorobenzene
Concen: 8.268 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

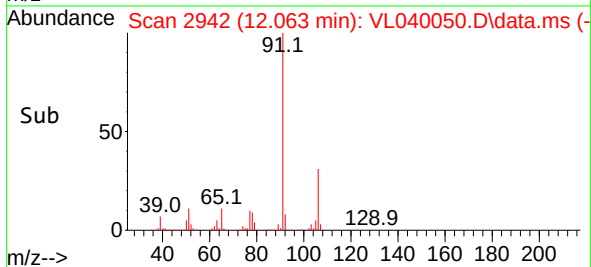
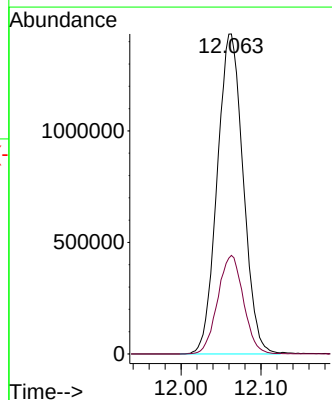
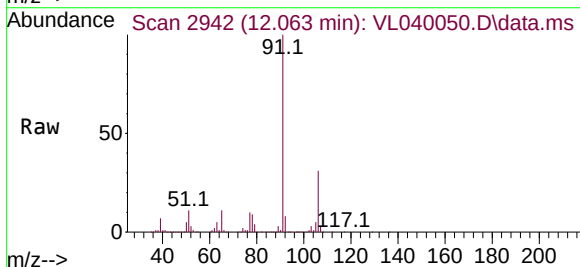
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

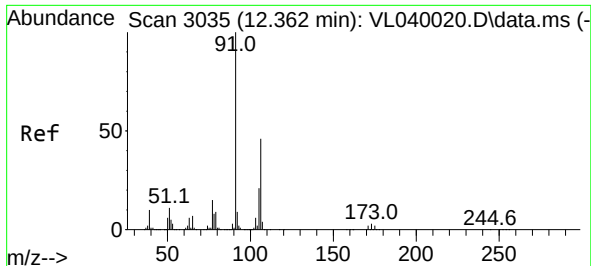
Tgt Ion:112 Resp: 1838205
Ion Ratio Lower Upper
112 100
77 67.3 50.6 75.8
114 33.3 27.8 34.0



#58
Ethyl Benzene
Concen: 8.692 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 91 Resp: 3234775
Ion Ratio Lower Upper
91 100
106 30.8 23.5 35.3





#59

m/p-Xylene

Concen: 7.589 ppbv

RT: 12.346 min Scan# 3035

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

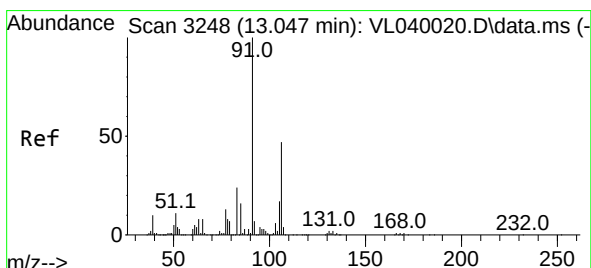
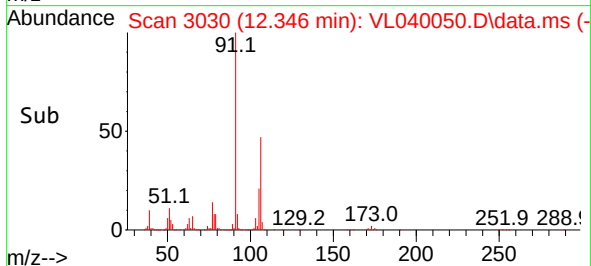
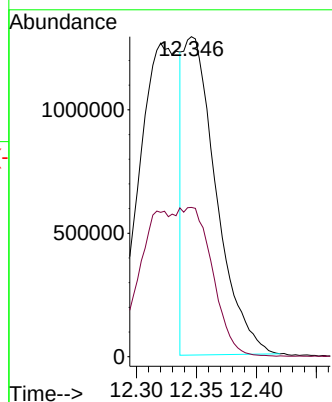
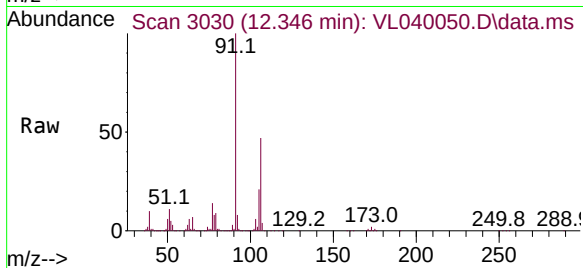
VSTDCCC010

Tgt Ion: 91 Resp: 2460286

Ion Ratio Lower Upper

91 100

106 98.1 35.5 53.3#



#60

o-Xylene

Concen: 8.278 ppbv

RT: 13.031 min Scan# 3243

Delta R.T. -0.016 min

Lab File: VL040050.D

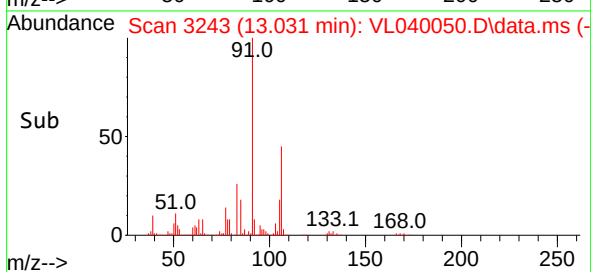
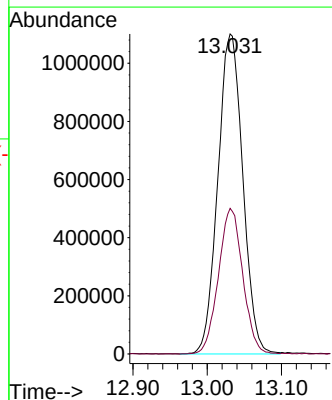
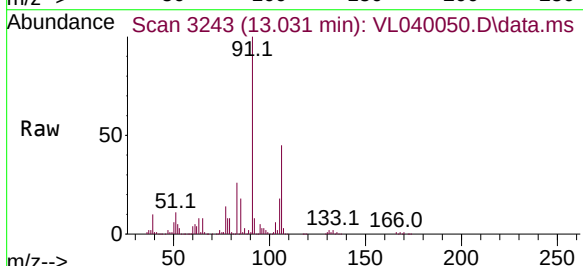
Acq: 20 Dec 2022 9:51

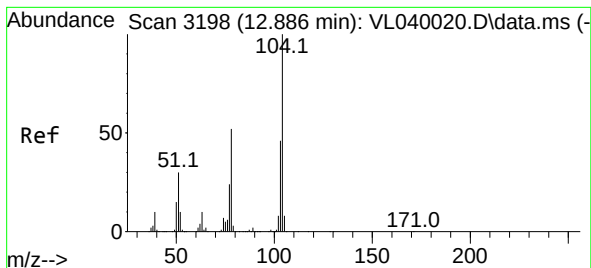
Tgt Ion: 91 Resp: 2571040

Ion Ratio Lower Upper

91 100

106 44.5 22.4 67.0





#61

Styrene

Concen: 9.118 ppbv

RT: 12.870 min Scan# 3198

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

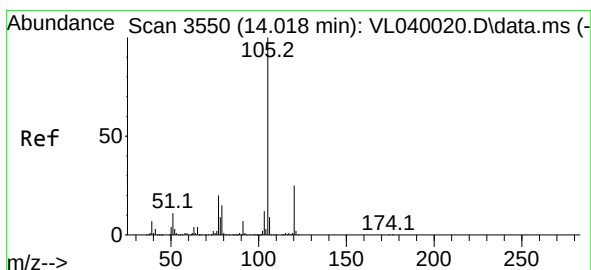
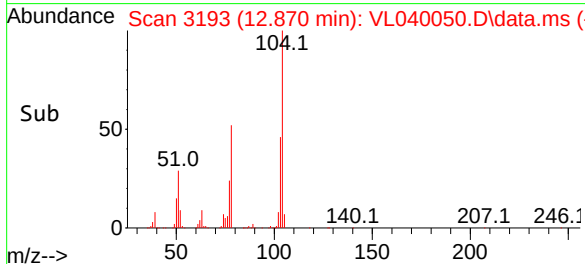
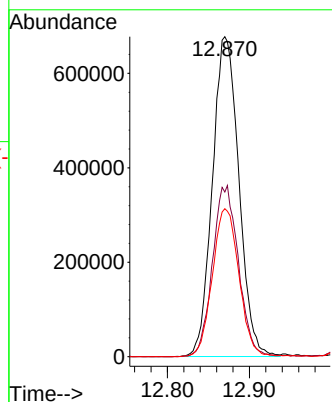
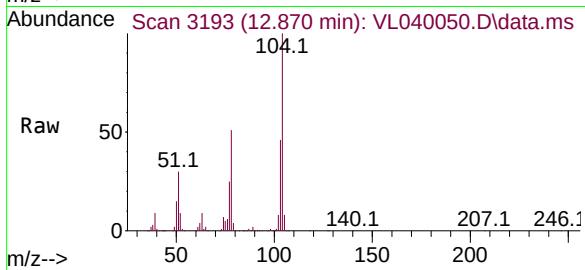
Tgt Ion:104 Resp: 1518889

Ion Ratio Lower Upper

104 100

78 52.5 42.4 63.6

103 46.7 37.2 55.8



#62

Isopropylbenzene

Concen: 8.053 ppbv

RT: 14.002 min Scan# 3545

Delta R.T. -0.016 min

Lab File: VL040050.D

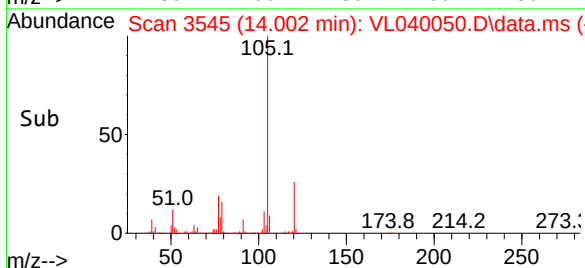
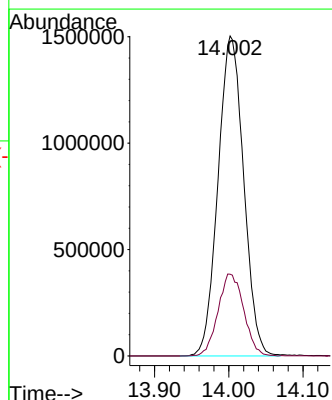
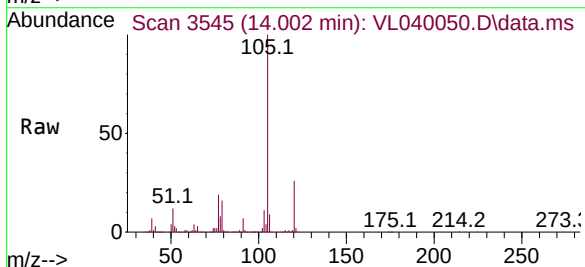
Acq: 20 Dec 2022 9:51

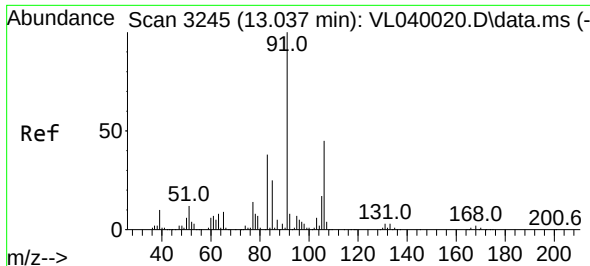
Tgt Ion:105 Resp: 3605906

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

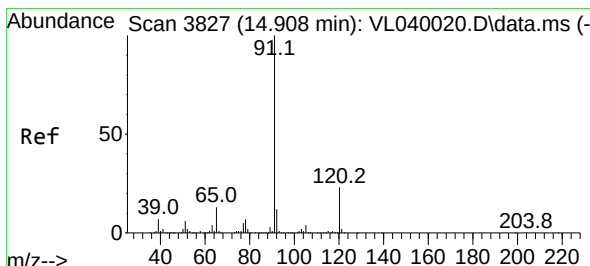
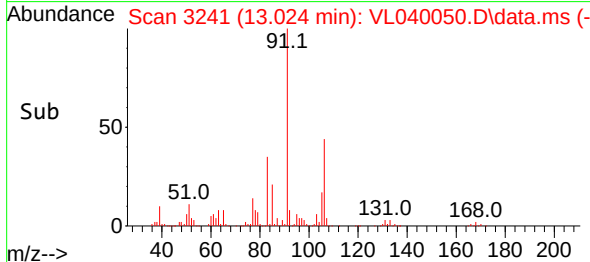
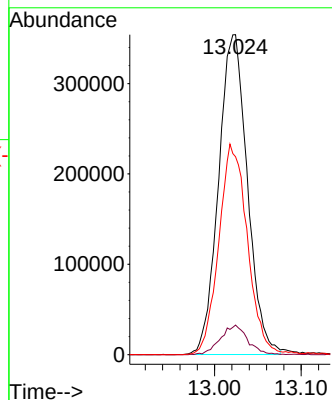
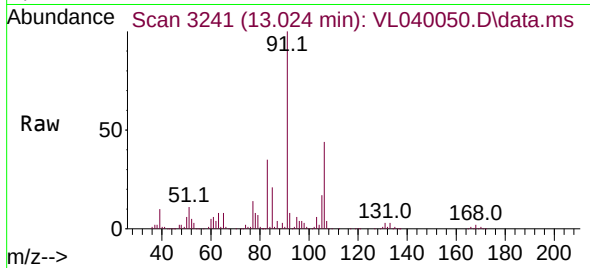




#63
1,1,2,2-Tetrachloroethane
Concen: 7.191 ppbv
RT: 13.024 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

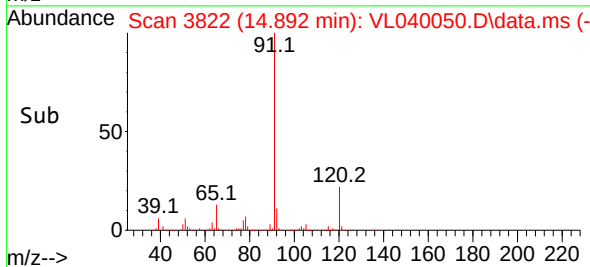
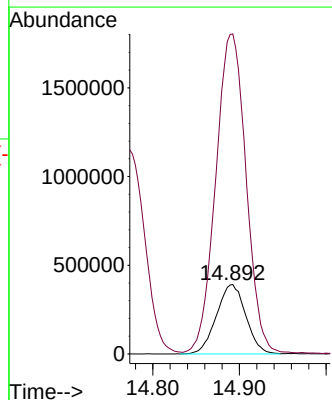
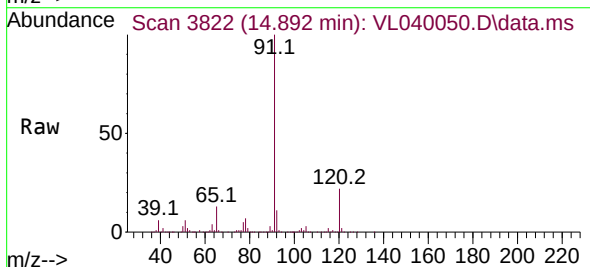
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

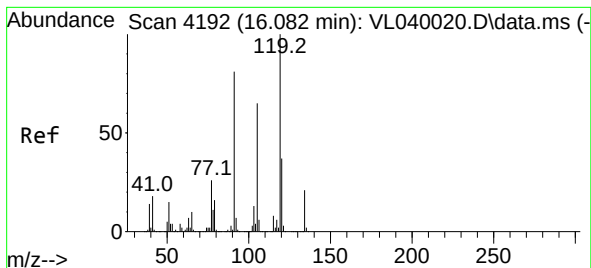
Tgt Ion: 83 Resp: 818870
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 65.7 33.3 99.9



#64
n-propylbenzene
Concen: 8.159 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 120 Resp: 922799
Ion Ratio Lower Upper
120 100
91 477.8 384.3 576.5

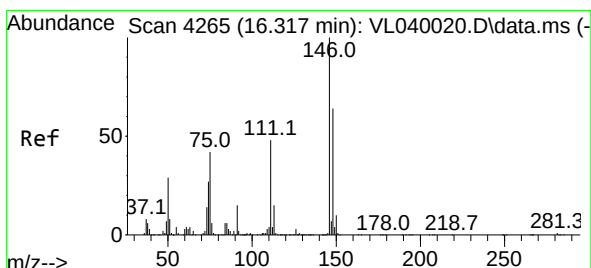
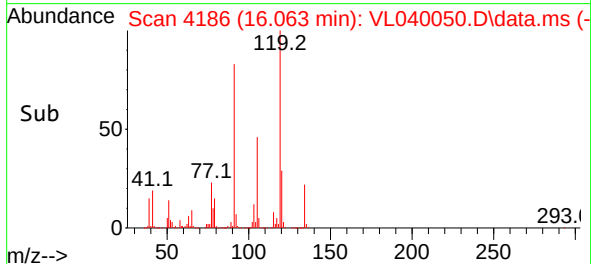
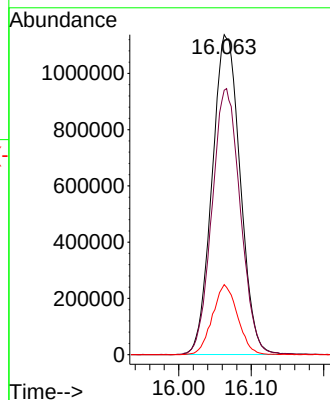
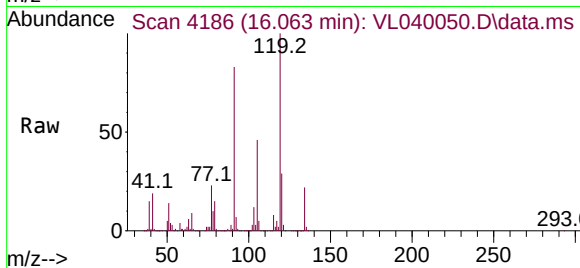




#65
tert-Butylbenzene
Concen: 7.860 ppbv
RT: 16.063 min Scan# 4192
Delta R.T. -0.019 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

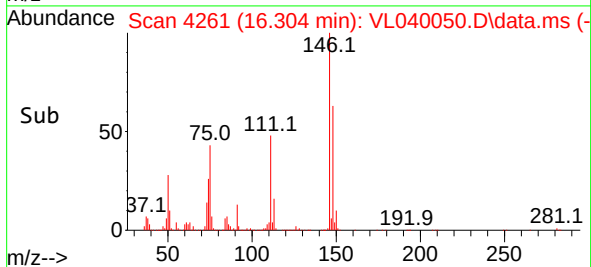
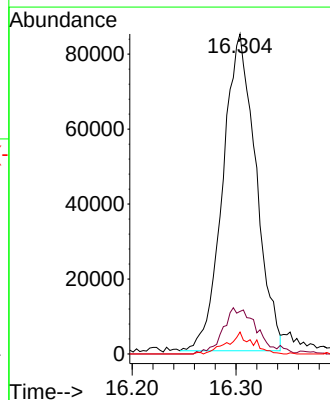
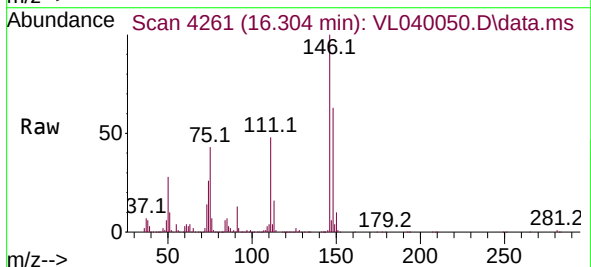
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

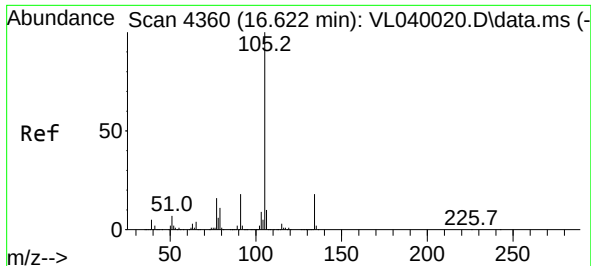
Tgt Ion:119 Resp: 3058425
Ion Ratio Lower Upper
119 100
91 84.2 66.9 100.3
134 19.7 15.8 23.6



#66
Benzyl Chloride
Concen: 8.229 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 91 Resp: 186719
Ion Ratio Lower Upper
91 100
126 15.6 12.2 18.2
128 5.3 4.2 6.2





#67

sec-Butylbenzene

Concen: 7.875 ppbv

RT: 16.609 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

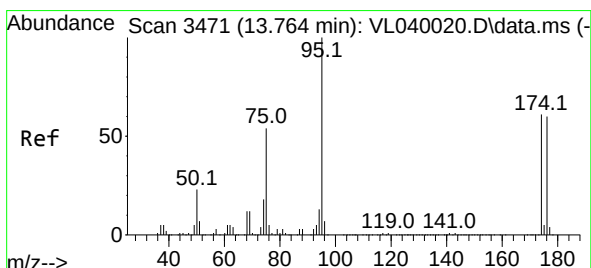
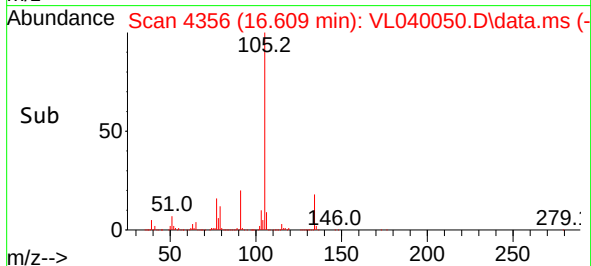
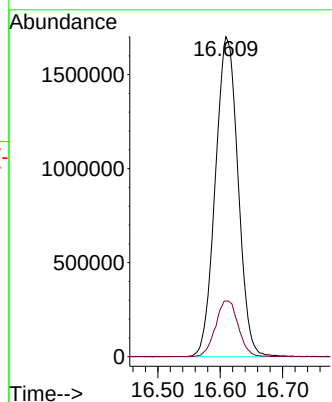
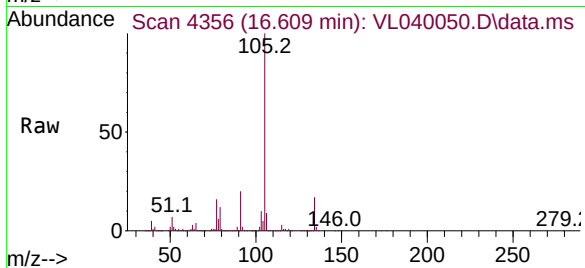
VSTDCCC010

Tgt Ion:105 Resp: 4294538

Ion Ratio Lower Upper

105 100

134 17.6 14.2 21.4



#68

1-Bromo-4-Fluorobenzene

Concen: 9.674 ppbv

RT: 13.748 min Scan# 3466

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

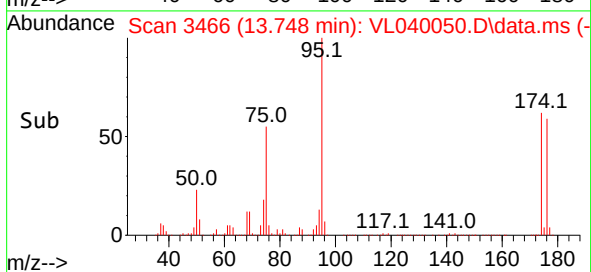
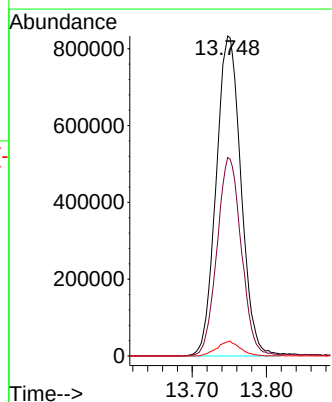
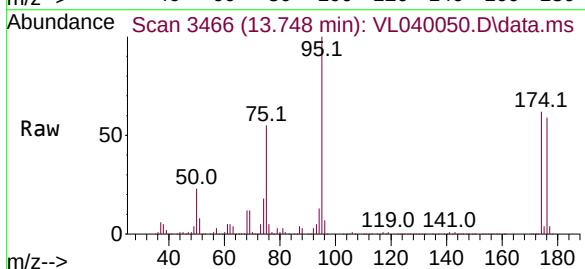
Tgt Ion: 95 Resp: 1935447

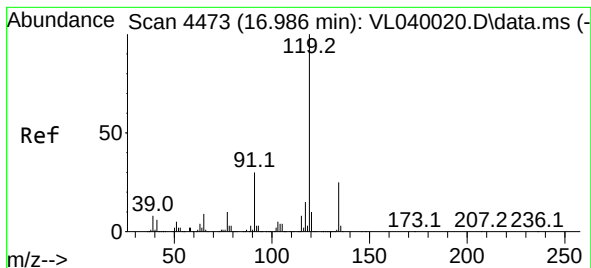
Ion Ratio Lower Upper

95 100

174 61.2 48.6 73.0

175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.012 ppbv

RT: 16.969 min Scan# 4473

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

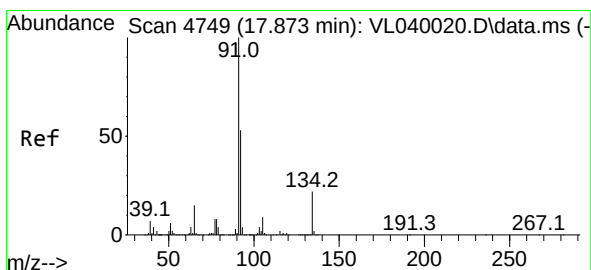
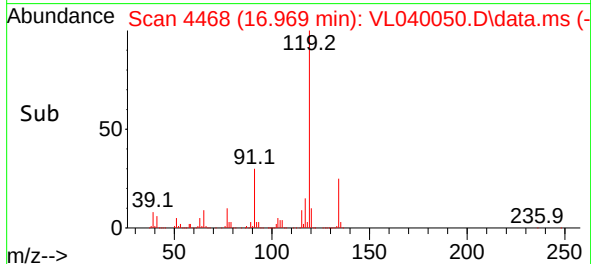
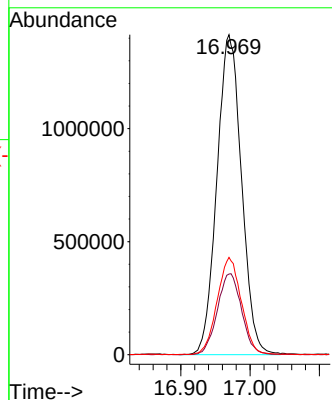
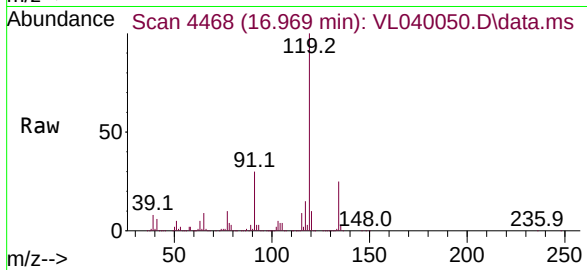
Tgt Ion:119 Resp: 3489944

Ion Ratio Lower Upper

119 100

134 25.1 20.2 30.4

91 29.8 24.2 36.4



#70

n-Butylbenzene

Concen: 7.975 ppbv

RT: 17.860 min Scan# 4745

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

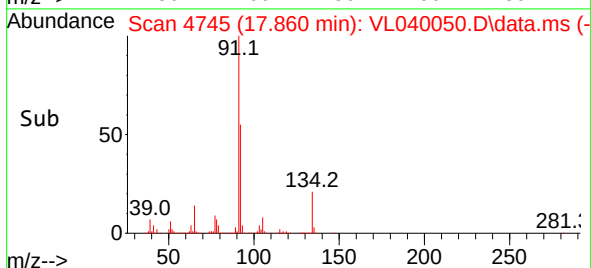
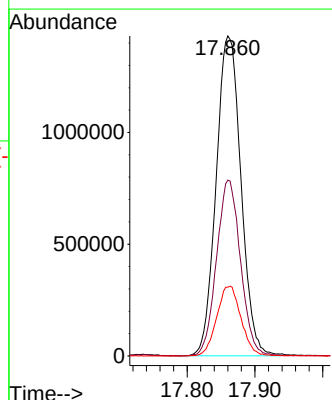
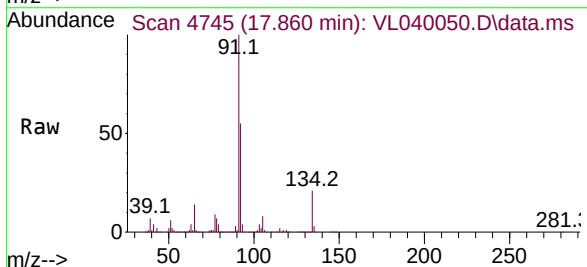
Tgt Ion: 91 Resp: 3639800

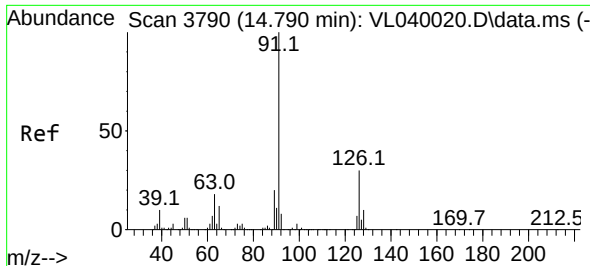
Ion Ratio Lower Upper

91 100

92 53.2 43.2 64.8

134 21.5 17.4 26.2

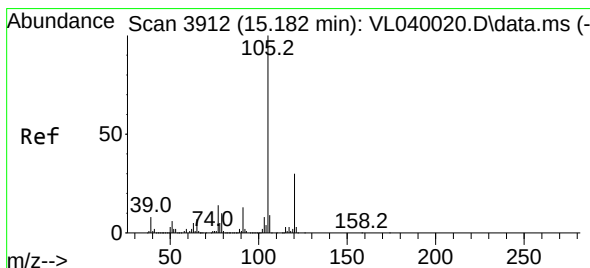
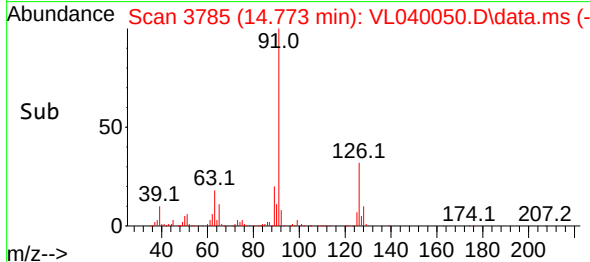
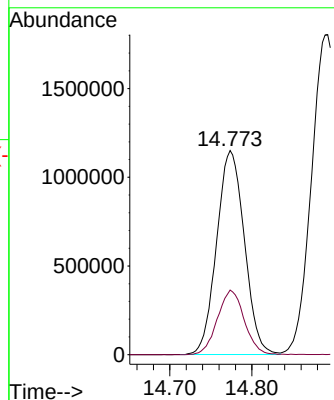
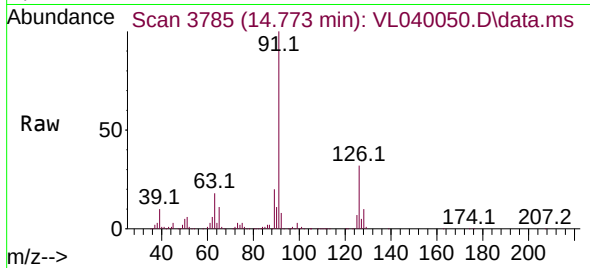




#71
2-Chlorotoluene
Concen: 7.929 ppbv
RT: 14.773 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

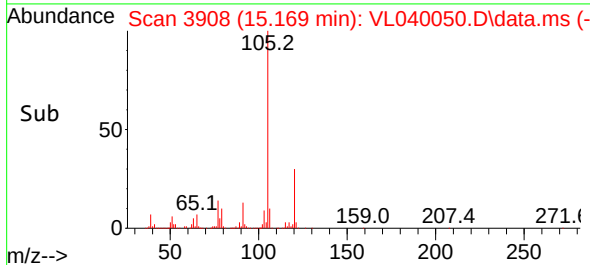
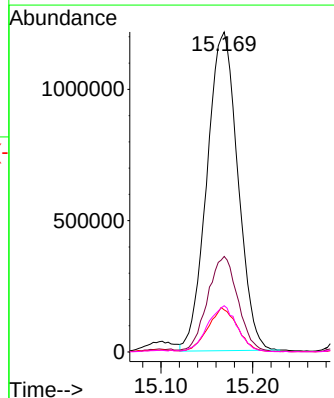
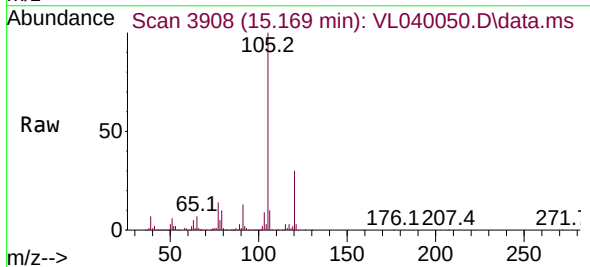
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

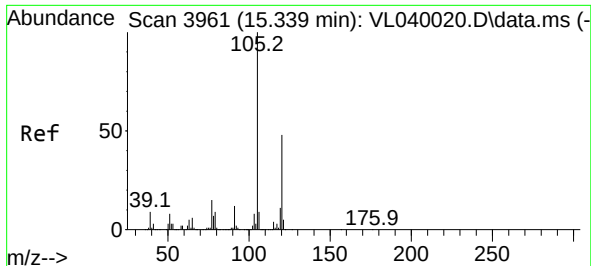
Tgt Ion: 91 Resp: 2708808
Ion Ratio Lower Upper
91 100
126 30.7 12.1 48.5



#72
4-Ethyltoluene
Concen: 8.247 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 105 Resp: 2843984
Ion Ratio Lower Upper
105 100
120 29.6 23.5 35.3
91 13.1 10.5 15.7
77 14.2 11.5 17.3

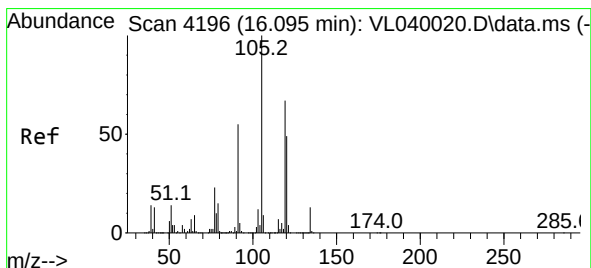
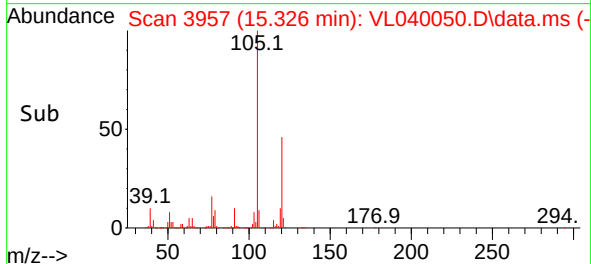
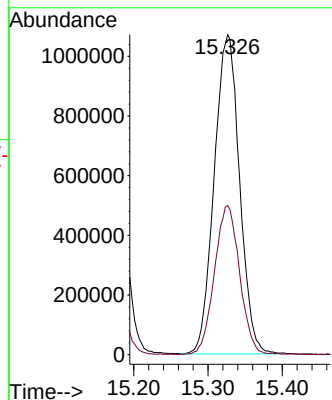
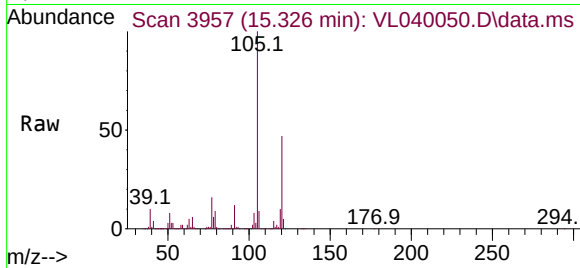




#73
 1,3,5-Trimethylbenzene
 Concen: 8.154 ppbv
 RT: 15.326 min Scan# 3961
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

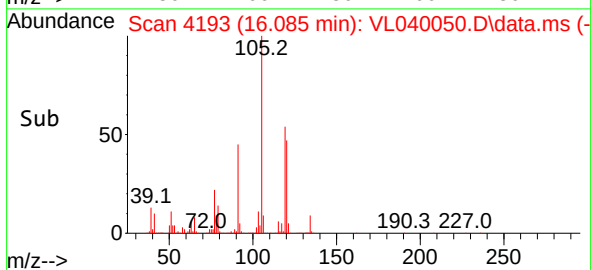
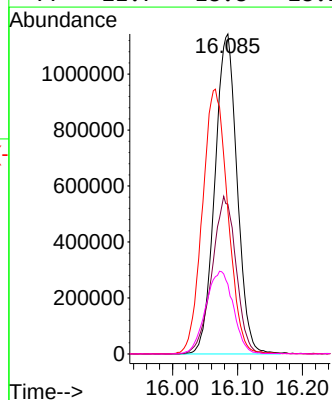
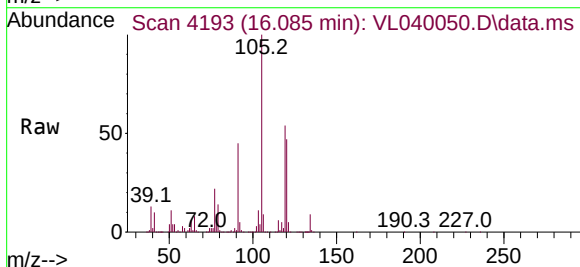
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

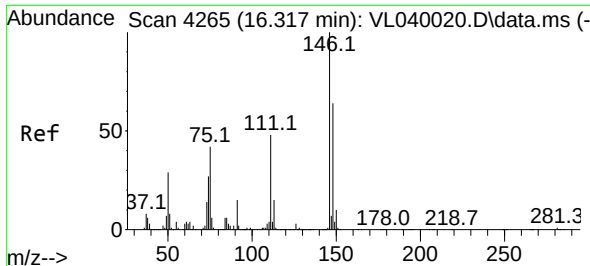
Tgt Ion:105 Resp: 2535919
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.4 57.6



#74
 1,2,4-Trimethylbenzene
 Concen: 7.910 ppbv
 RT: 16.085 min Scan# 4193
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion:105 Resp: 2711675
 Ion Ratio Lower Upper
 105 100
 120 46.7 39.3 58.9
 91 44.5 44.2 66.4
 77 21.7 18.8 28.2

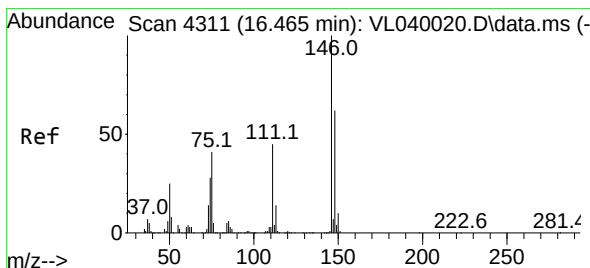
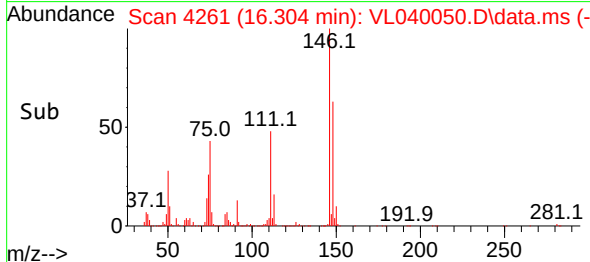
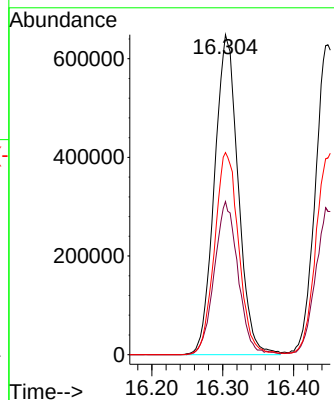
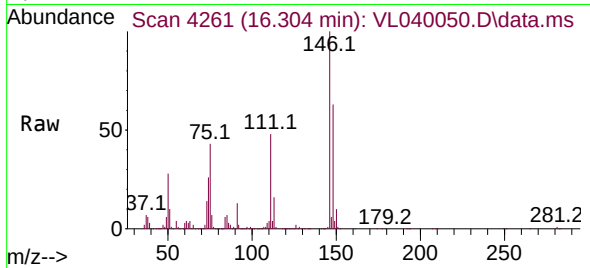




#75
1,3-Dichlorobenzene
Concen: 8.050 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

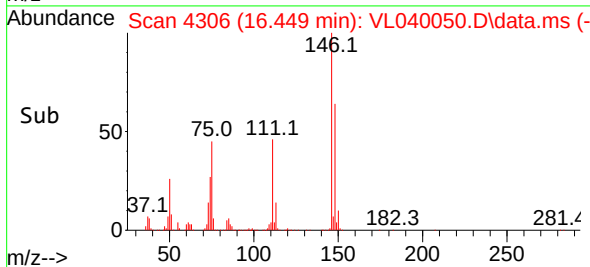
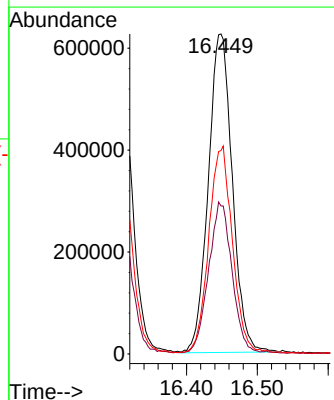
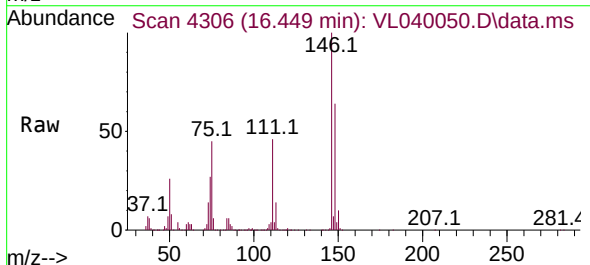
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

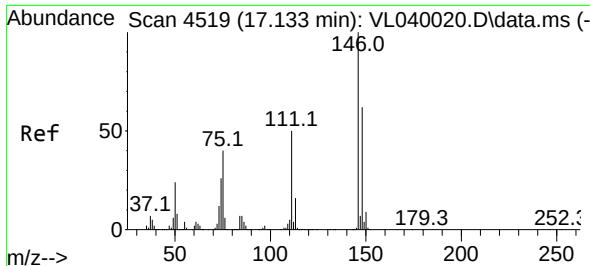
Tgt Ion:146 Resp: 1509993
Ion Ratio Lower Upper
146 100
111 47.9 23.9 71.8
148 64.4 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 8.038 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion:146 Resp: 1472009
Ion Ratio Lower Upper
146 100
111 47.2 23.4 70.2
148 64.6 32.0 96.2

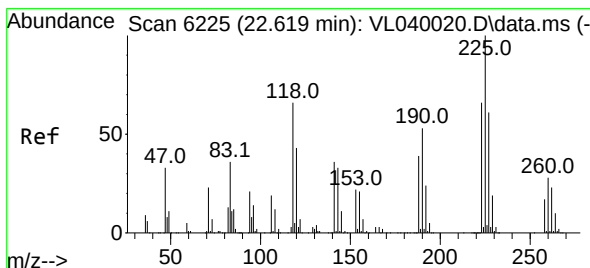
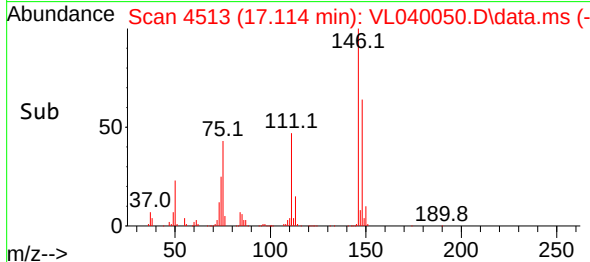
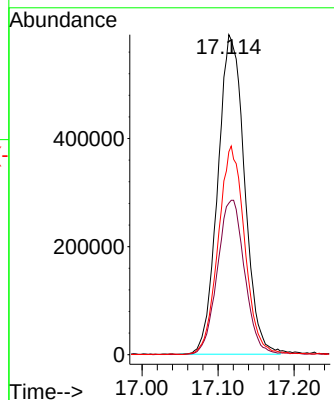
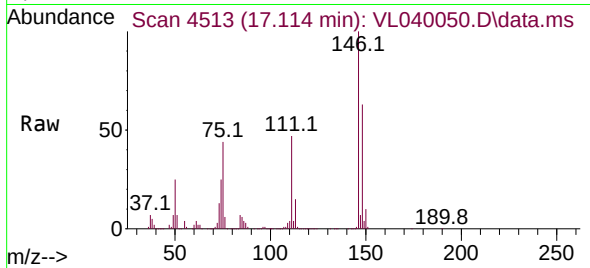




#77
 1,2-Dichlorobenzene
 Concen: 8.025 ppbv
 RT: 17.114 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

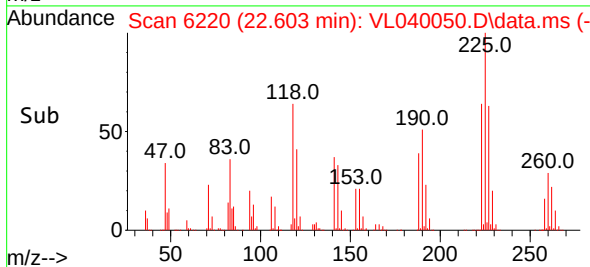
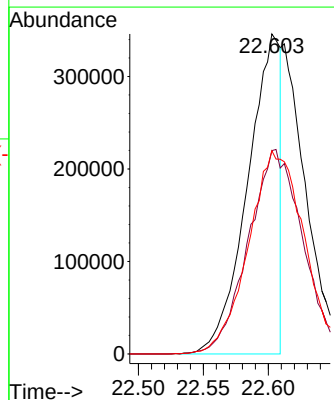
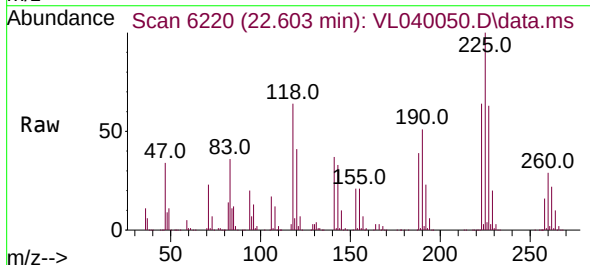
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

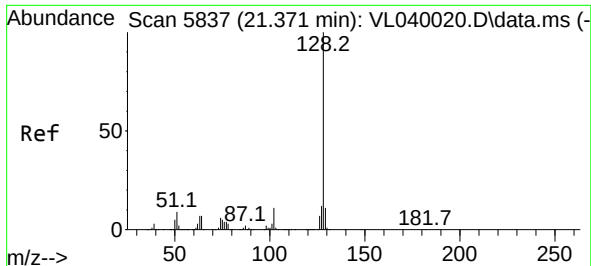
Tgt Ion:146 Resp: 1443769
 Ion Ratio Lower Upper
 146 100
 111 49.6 25.3 75.9
 148 64.7 31.9 95.9



#78
 Hexachloro-1,3-Butadiene
 Concen: 4.875 ppbv
 RT: 22.603 min Scan# 6220
 Delta R.T. -0.016 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion:225 Resp: 608465
 Ion Ratio Lower Upper
 225 100
 223 106.7 0.0 0.0#
 227 108.2 0.0 0.0#

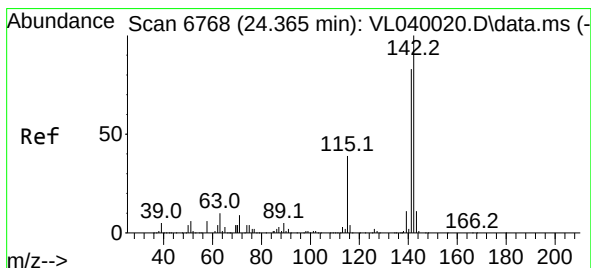
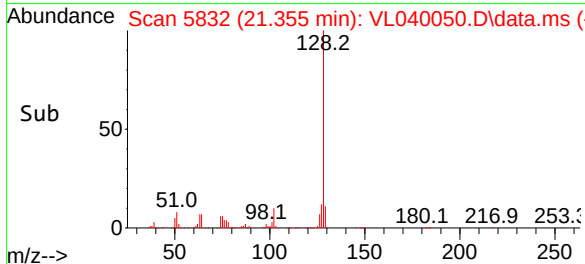
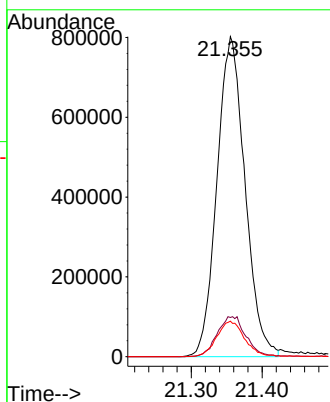
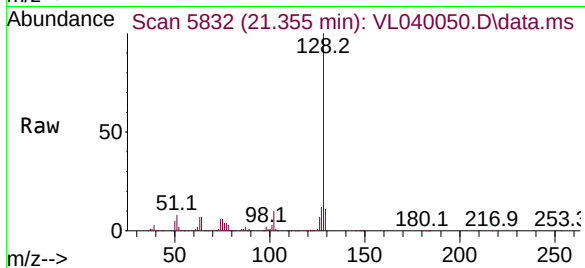




#79
Naphthalene
Concen: 10.791 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

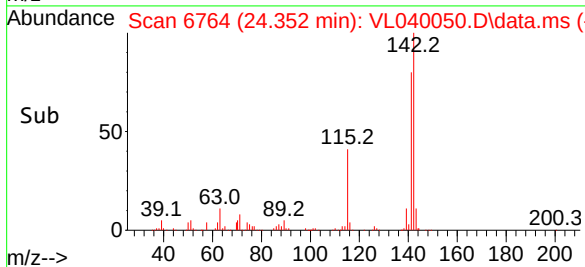
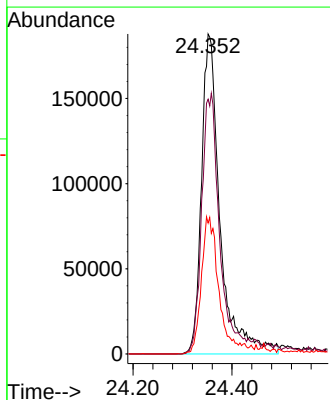
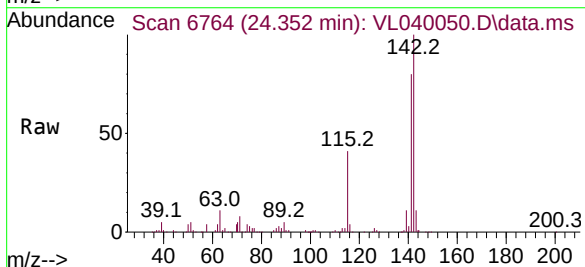
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

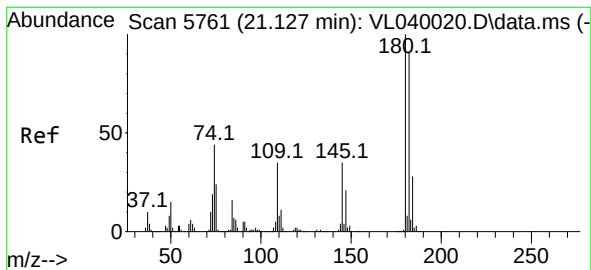
Tgt Ion:128 Resp: 2204437
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.1 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 7.824 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion:142 Resp: 488989
Ion Ratio Lower Upper
142 100
141 85.8 65.3 97.9
115 41.7 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 9.184 ppbv

RT: 21.114 min Scan# 51

Delta R.T. -0.013 min

Lab File: VL040050.D

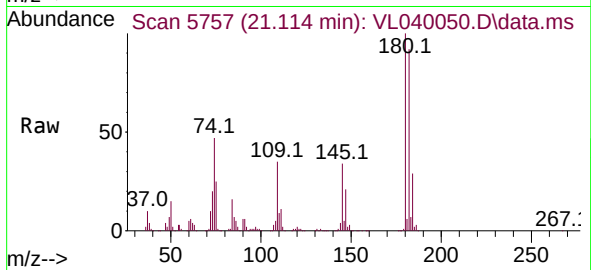
Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1114361

Ion Ratio Lower Upper

180 100

182 96.2 76.6 115.0

184 30.5 24.9 37.3

