

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\Reviewed data\
 Data File : VL040007.D
 Acq On : 13 Dec 2022 15:29
 Operator : SY/MD
 Sample : VL1213ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1213ABS01

Quant Time: Dec 21 15:03:19 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri Dec 02 23:21:36 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1133195	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	3154634	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	3014646	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.760 95 2234233 9.703 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.709	85	1410144	8.689	ppbv	98
3) Chlorodifluoromethane	2.655	51	1236342	7.906	ppbv	98
4) Chloromethane	2.793	50	772280	7.729	ppbv	97
5) Vinyl Chloride	2.899	62	682760	8.744	ppbv	99
6) Bromomethane	3.099	94	241643	9.073	ppbv	99
7) Chloroethane	3.176	64	249847	8.095	ppbv	97
8) Dichlorotetrafluoroethane	2.838	85	1656408	8.938	ppbv	100
9) Propene	2.674	41	552881	7.506	ppbv	99
10) Heptane	7.561	43	1380321	7.766	ppbv	99
11) Trichlorofluoromethane	3.542	101	1698165	8.578	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1294493	8.640	ppbv	96
13) Ethanol	3.221	45	28421	5.054	ppbv	91
14) Bromoethene	3.346	108	528126	9.039	ppbv	98
15) Acetone	3.446	43	1164413	7.747	ppbv	99
16) 1,3-Butadiene	2.963	39	618910	8.262	ppbv	99
17) tert-Butyl alcohol	3.857	59	1310209	7.582	ppbv	99
18) 1,1-Dichloroethene	3.857	96	580513	8.494	ppbv	98
19) Isopropyl Alcohol	3.555	45	601555	7.392	ppbv #	33
20) Methylene Chloride	3.912	84	483396	6.638	ppbv	97
21) Allyl Chloride	3.976	41	823169	7.895	ppbv	100
22) trans-1,2-Dichloroethene	4.426	96	597052	8.591	ppbv	98
23) Vinyl Acetate	4.603	43	468449	7.586	ppbv	98
24) 1,1-Dichloroethane	4.542	63	1225078	8.228	ppbv	99
25) Ethyl Acetate	5.185	43	2439075	8.838	ppbv	100
26) Hexane	5.192	57	1067226	8.853	ppbv	97
27) Carbon Disulfide	4.105	76	1358930	8.929	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	1179575	7.815	ppbv	98
29) Chloroform	5.256	83	1773112	11.068	ppbv	99
30) Cyclohexane	6.584	84	940470	7.949	ppbv	95
31) cis-1,2-Dichloroethene	5.060	61	931183	8.360	ppbv	95
32) 1,1,1-Trichloroethane	5.986	97	1773661	8.865	ppbv	98
34) 2-Butanone	4.767	43	1329576	8.808	ppbv	98
35) Carbon Tetrachloride	6.478	117	1811413	10.111	ppbv	98
36) Benzene	6.352	78	2351791	8.771	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1333976	9.078	ppbv	100
38) Trichloroethene	7.275	130	1337429	8.923	ppbv	98
39) 1,2-Dichloropropane	7.053	63	890475	8.524	ppbv	96
40) 1,4-Dioxane	7.272	88	349694	8.402	ppbv	97
41) Tetrahydrofuran	5.539	42	878474	8.430	ppbv	97
42) Bromodichloromethane	7.233	83	1956083	9.816	ppbv	99
43) Methyl Methacrylate	7.458	69	933504	8.880	ppbv	97
44) 2,2,4-Trimethylpentane	7.311	57	3796690	8.482	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	863843	8.894	ppbv	99

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Instrument :
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 ClientSampleId :
 VL1213ABS01

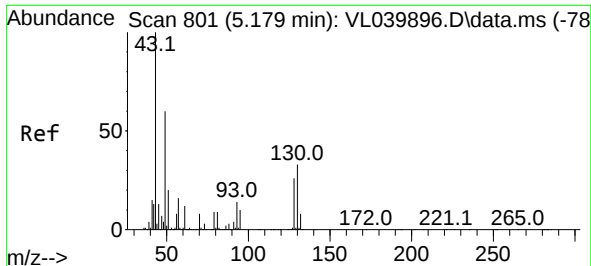
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1174648	8.730	ppbv	100
47) 1,1,2-Trichloroethane	8.883	97	964251	8.981	ppbv	98
48) Dibromochloromethane	9.696	129	1600897	10.180	ppbv	100
49) Bromoform	12.394	173	1237715	9.723	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2290335	8.472	ppbv	100
51) 2-Hexanone	9.539	43	1767467	8.422	ppbv #	100
52) Tetrachloroethene	10.603	164	803652	8.012	ppbv	96
53) Toluene	9.204	91	2682590	8.782	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1106351	9.656	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.494	131	1142376	9.270	ppbv	96
57) Chlorobenzene	11.513	112	2039931	8.850	ppbv	97
58) Ethyl Benzene	12.076	91	3564491	8.715	ppbv	99
59) m/p-Xylene	12.359	91	3327475	9.721	ppbv #	49
60) o-Xylene	13.047	91	2853261	8.741	ppbv	98
61) Styrene	12.883	104	1710553	8.779	ppbv	100
62) Isopropylbenzene	14.018	105	4071838	8.650	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.034	83	981419	9.004	ppbv	99
64) n-propylbenzene	14.905	120	1066268	8.659	ppbv	91
65) tert-Butylbenzene	16.079	119	3499110	8.497	ppbv	100
66) Benzyl Chloride	16.313	91	221086	6.265	ppbv	96
67) sec-Butylbenzene	16.625	105	4828260	8.527	ppbv	98
69) p-Isopropyltoluene	16.982	119	3913829	8.391	ppbv	98
70) n-Butylbenzene	17.876	91	3969441	8.584	ppbv	98
71) 2-Chlorotoluene	14.789	91	3033597	8.502	ppbv	99
72) 4-Ethyltoluene	15.178	105	3252978	8.865	ppbv	100
73) 1,3,5-Trimethylbenzene	15.339	105	2854112	8.497	ppbv	98
74) 1,2,4-Trimethylbenzene	16.098	105	3028510	8.516	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	1682060	8.407	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1630471	8.220	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1587950	8.232	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	900797	6.730	ppbv	99
79) Naphthalene	21.371	128	1757314	8.257	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	441440	7.374	ppbv	94
81) 1,2,4-Trichlorobenzene	21.127	180	537788	4.092	ppbv #	25

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

Quant Time: Dec 21 15:03:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

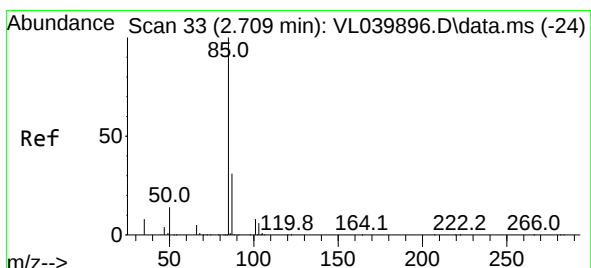
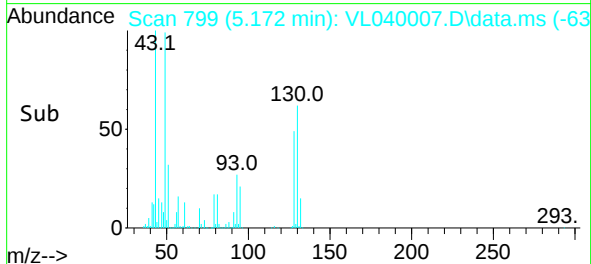
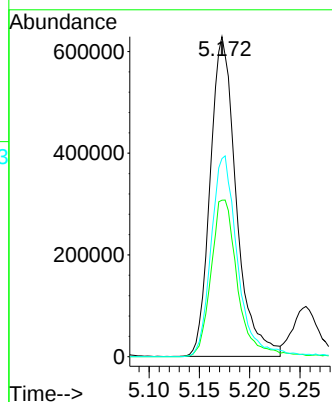
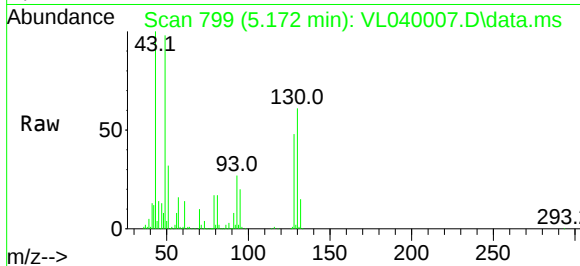




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.172 min Scan# 79
 Delta R.T. 0.016 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

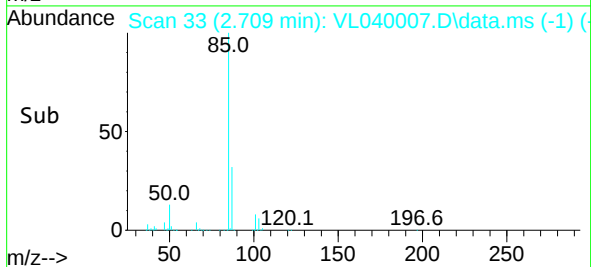
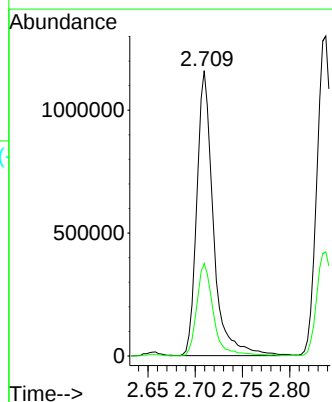
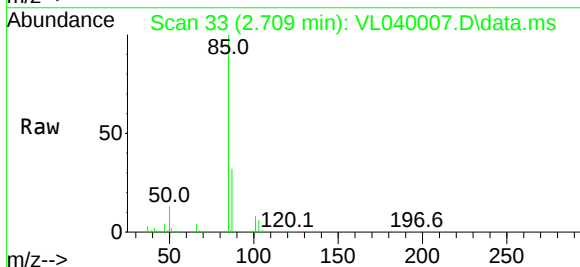
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 ClientSampleId :
 VL1213ABS01

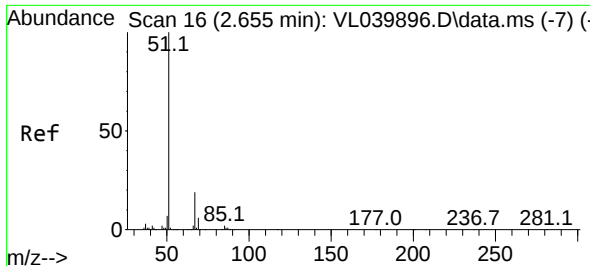
Tgt Ion: 49 Resp: 1133195
 Ion Ratio Lower Upper
 49 100
 128 50.2 22.1 66.3
 130 64.9 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 8.689 ppbv
 RT: 2.709 min Scan# 33
 Delta R.T. 0.013 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion: 85 Resp: 1410144
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4

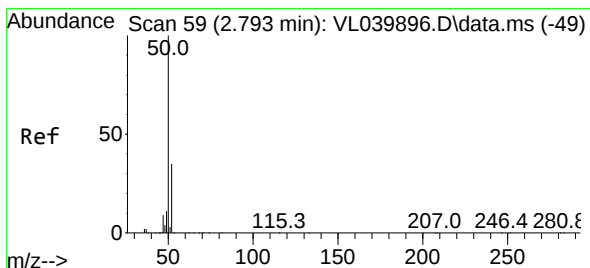
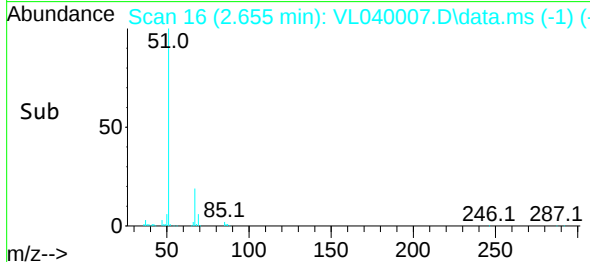
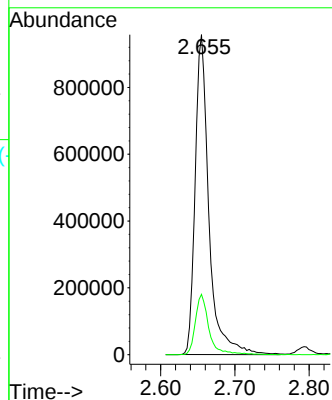
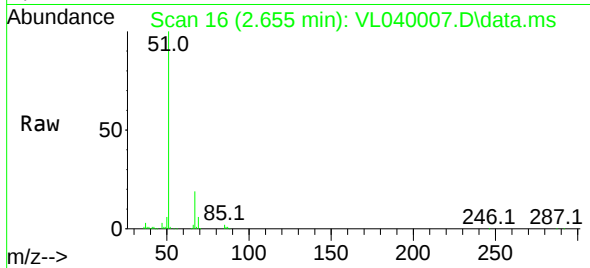




#3
Chlorodifluoromethane
Concen: 7.906 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

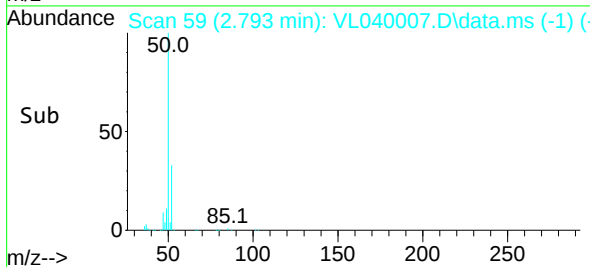
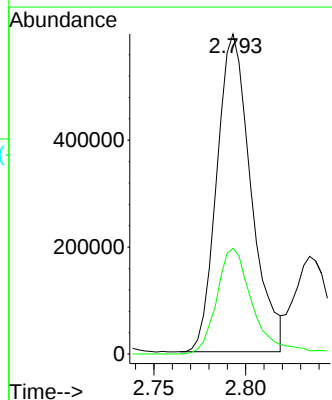
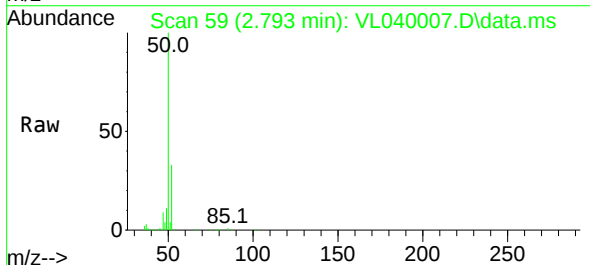
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ClientSampleId :
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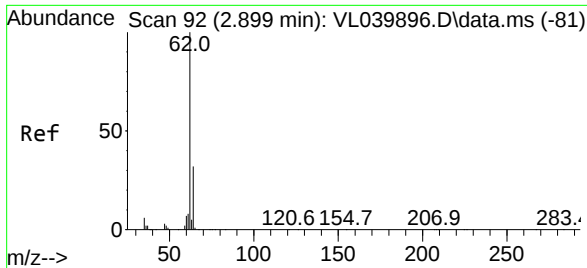
Tgt Ion: 51 Resp: 1236342
Ion Ratio Lower Upper
51 100
67 18.7 14.2 21.4



#4
Chloromethane
Concen: 7.729 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 50 Resp: 772280
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

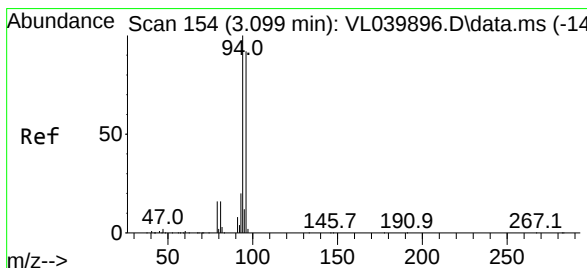
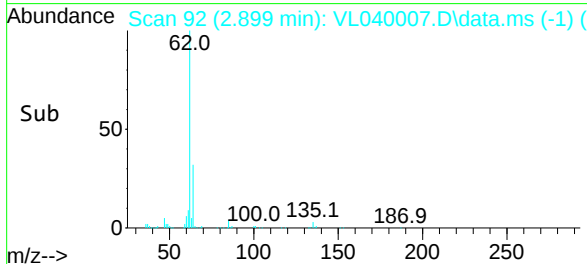
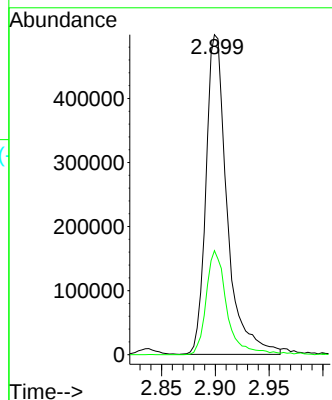
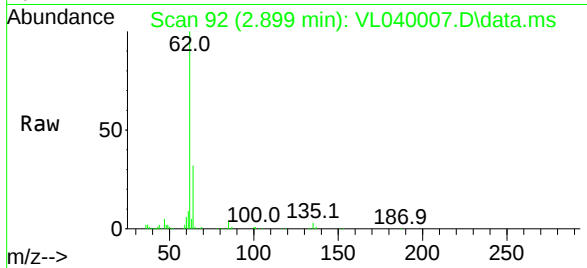




#5
 Vinyl Chloride
 Concen: 8.744 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

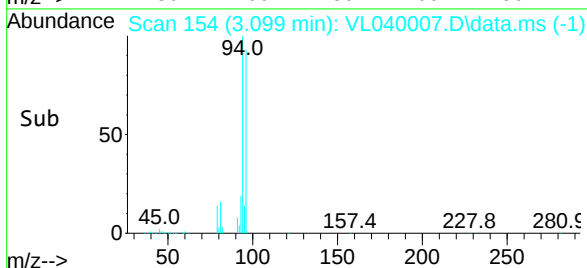
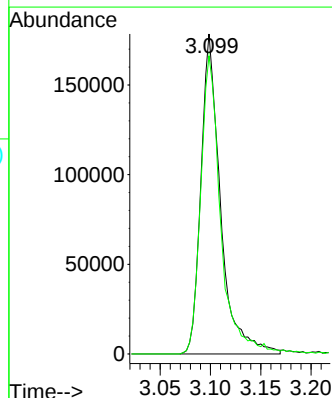
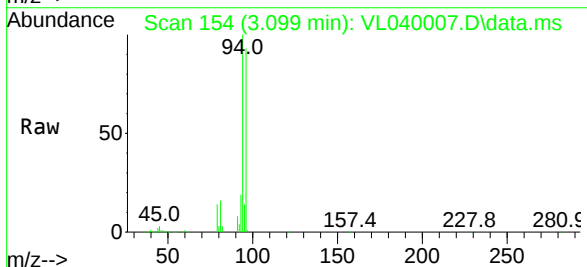
Instrument :
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 VL1213ABS01

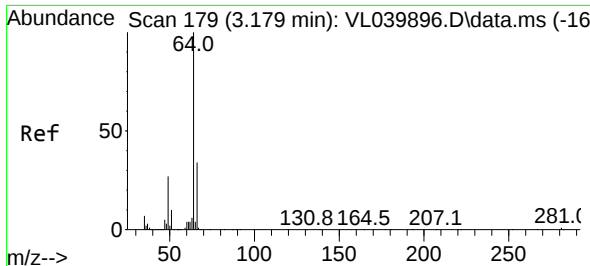
Tgt Ion: 62 Resp: 682760
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.7 38.5



#6
 Bromomethane
 Concen: 9.073 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.013 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion: 94 Resp: 241643
 Ion Ratio Lower Upper
 94 100
 96 93.1 73.7 110.5

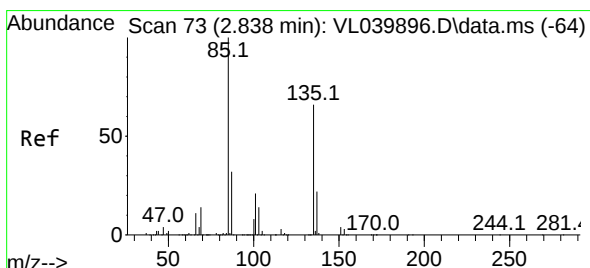
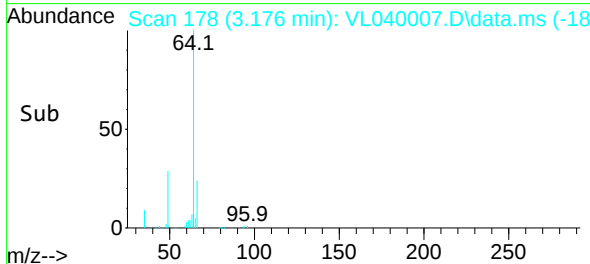
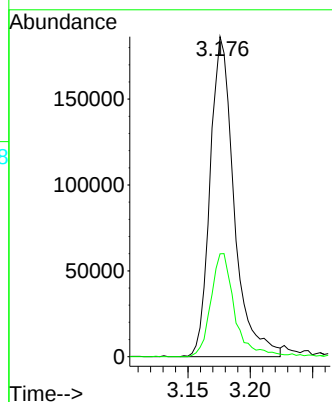
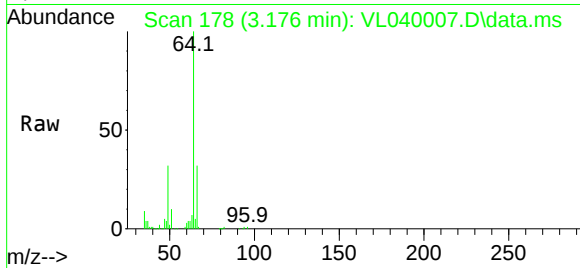




#7
Chloroethane
Concen: 8.095 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

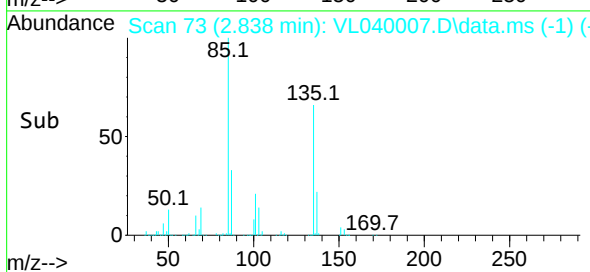
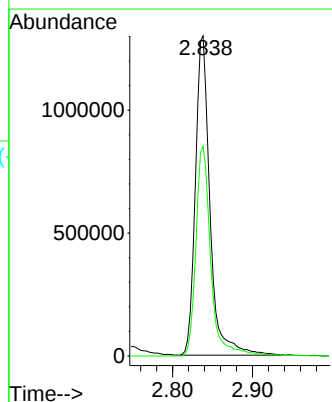
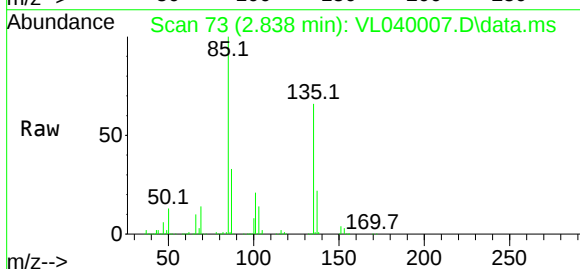
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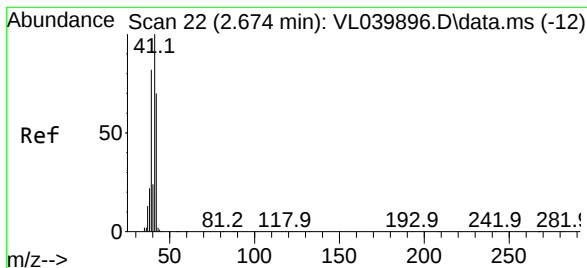
Tgt Ion: 64 Resp: 249847
Ion Ratio Lower Upper
64 100
66 32.2 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 8.938 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 85 Resp: 1656408
Ion Ratio Lower Upper
85 100
135 67.3 54.1 81.1





#9

Propene

Concen: 7.506 ppbv

RT: 2.674 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

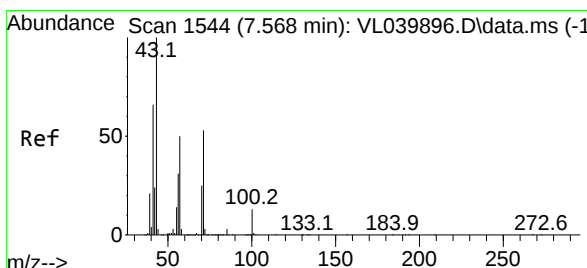
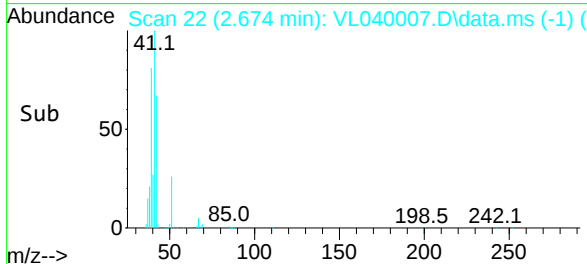
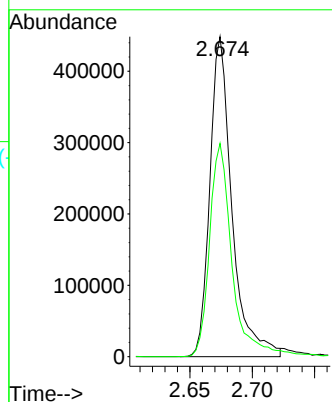
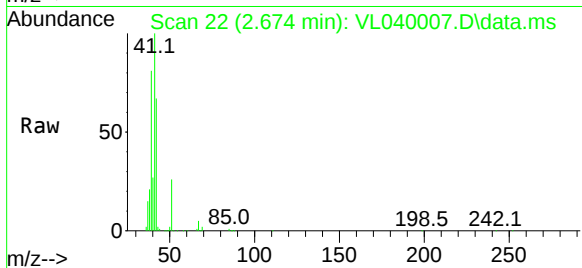
VL1213ABS01

Tgt Ion: 41 Resp: 552881

Ion Ratio Lower Upper

41 100

42 68.8 55.8 83.6



#10

Heptane

Concen: 7.766 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. 0.016 min

Lab File: VL040007.D

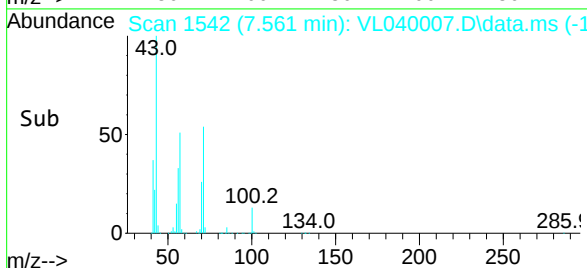
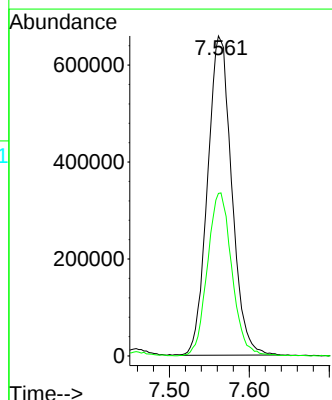
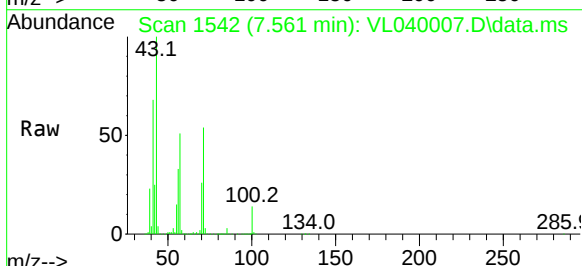
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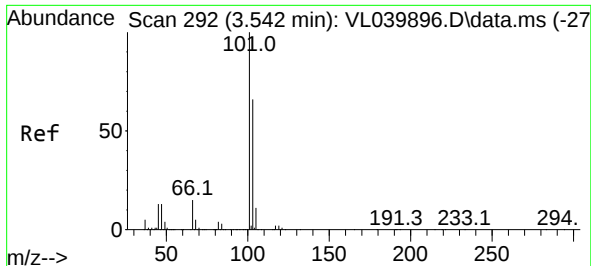
Tgt Ion: 43 Resp: 1380321

Ion Ratio Lower Upper

43 100

57 51.8 40.7 61.1

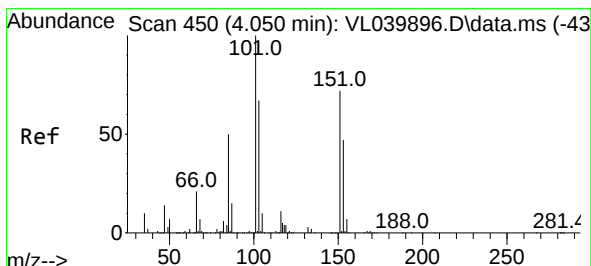
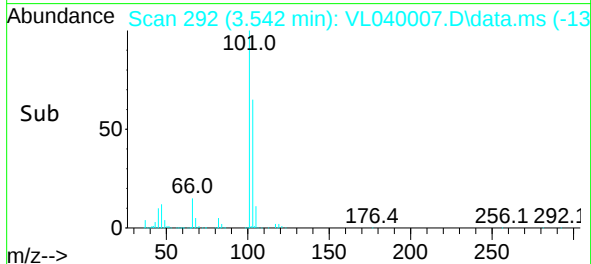
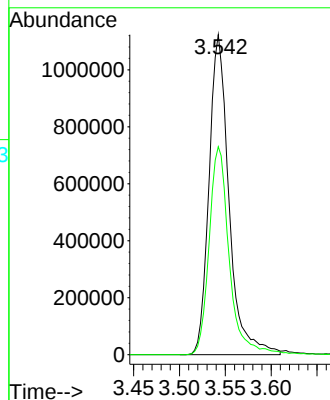
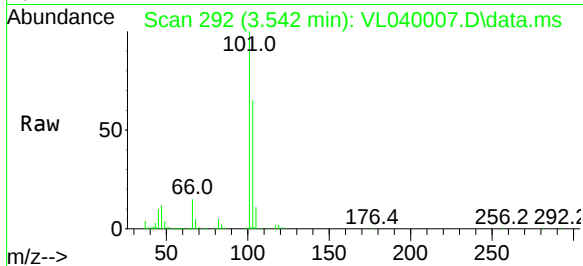




#11
 Trichlorofluoromethane
 Concen: 8.578 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.013 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

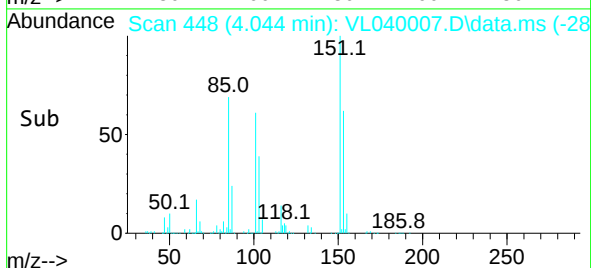
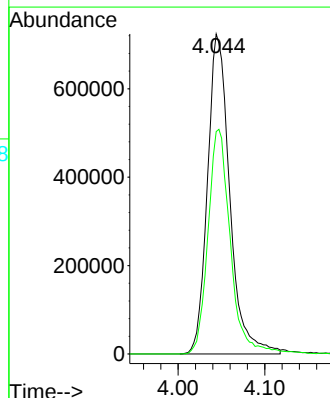
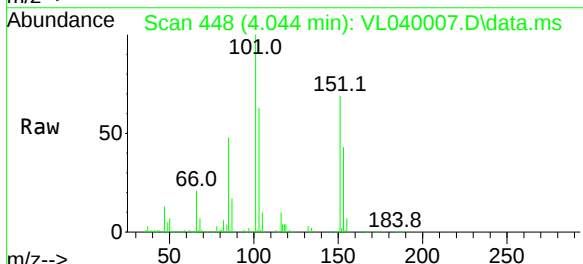
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1213ABS01

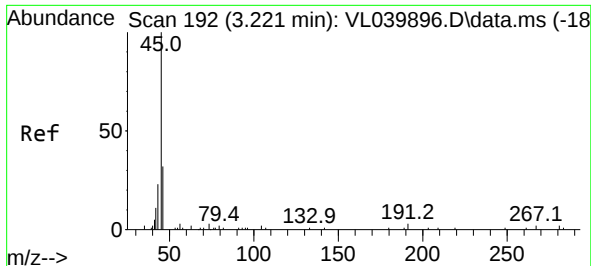
Tgt Ion:101 Resp: 1698165
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.640 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.013 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion:101 Resp: 1294493
 Ion Ratio Lower Upper
 101 100
 151 70.7 59.6 89.4

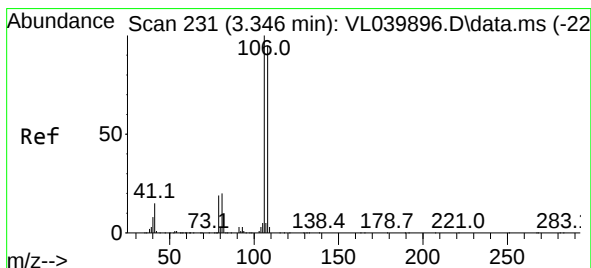
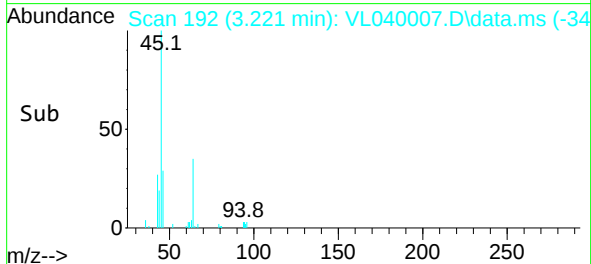
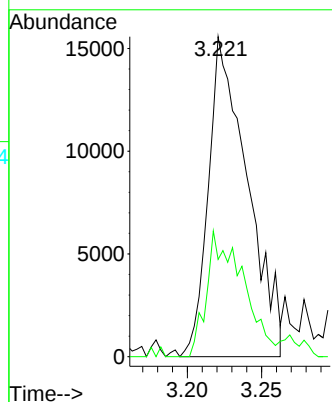
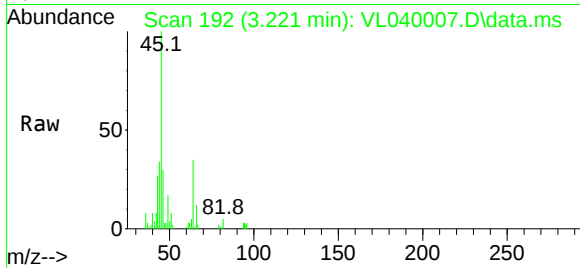




#13
Ethanol
Concen: 5.054 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.006 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

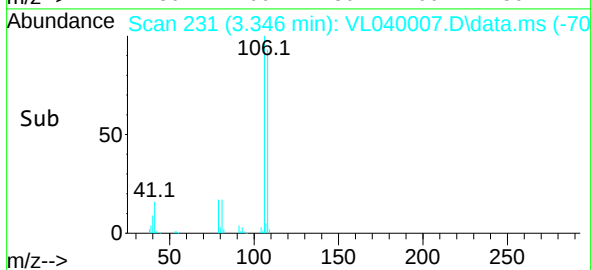
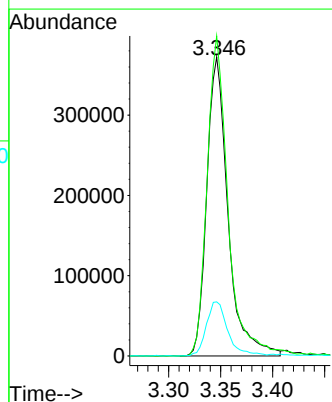
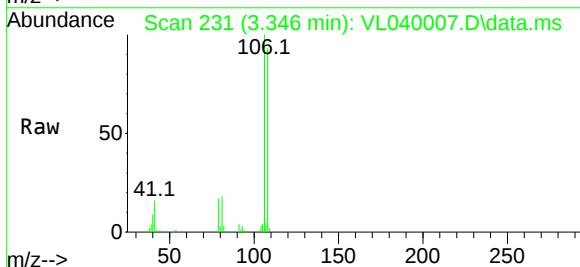
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

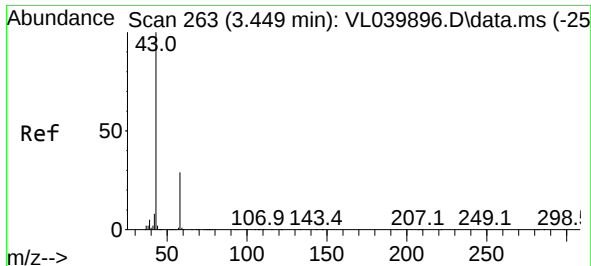
Tgt Ion: 45 Resp: 28421
Ion Ratio Lower Upper
45 100
46 41.4 14.6 58.2



#14
Bromoethene
Concen: 9.039 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.016 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 108 Resp: 528126
Ion Ratio Lower Upper
108 100
106 107.2 87.3 130.9
79 19.1 15.9 23.9

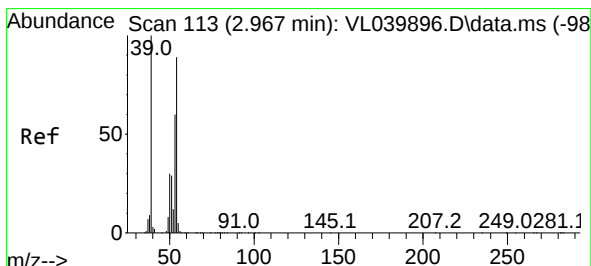
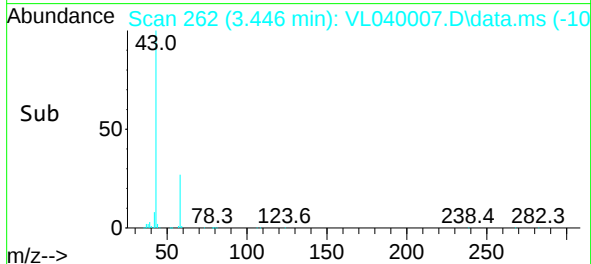
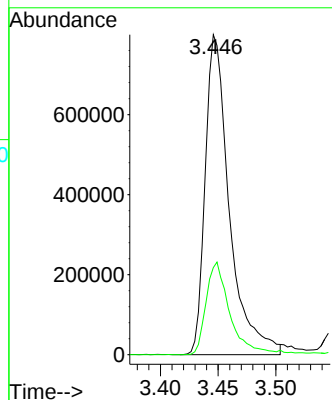
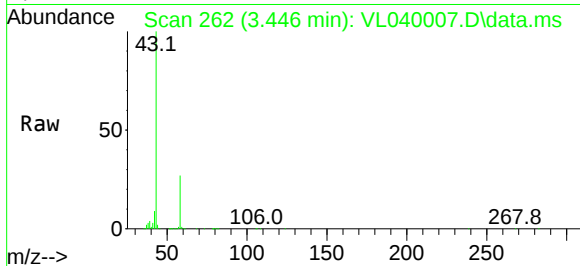




#15
Acetone
Concen: 7.747 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

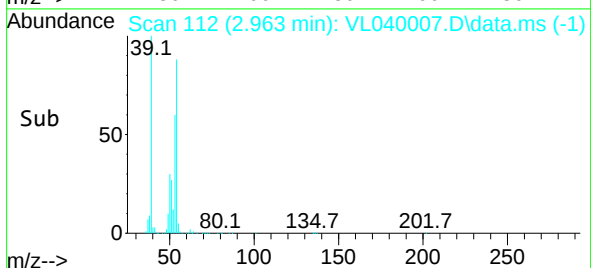
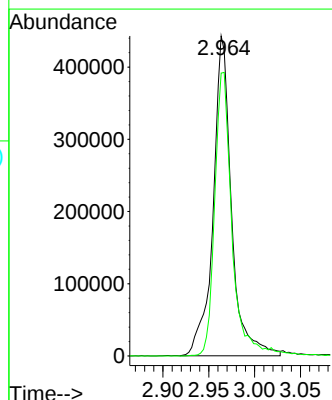
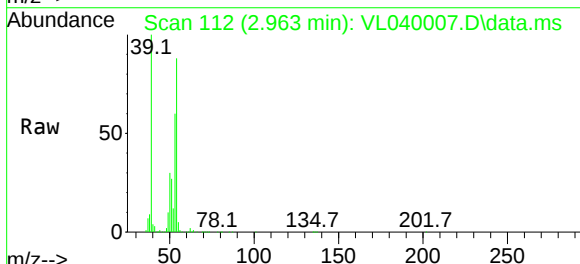
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

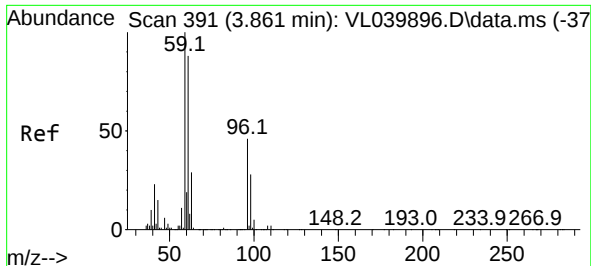
Tgt Ion: 43 Resp: 1164413
Ion Ratio Lower Upper
43 100
58 29.4 22.9 34.3



#16
1,3-Butadiene
Concen: 8.262 ppbv
RT: 2.963 min Scan# 112
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 39 Resp: 618910
Ion Ratio Lower Upper
39 100
54 84.3 66.6 99.8

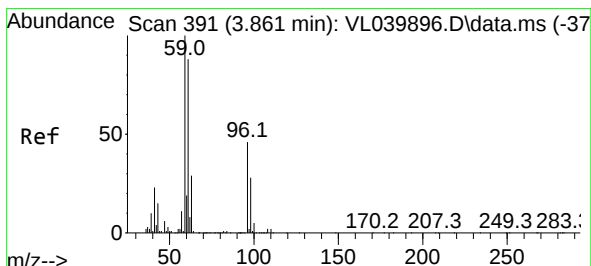
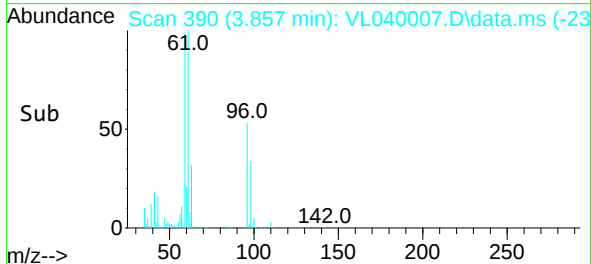
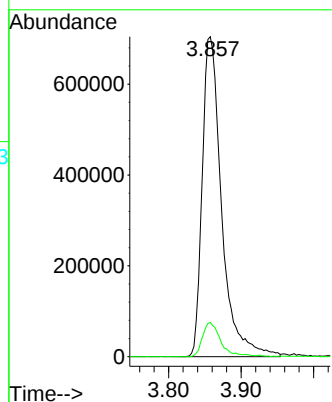
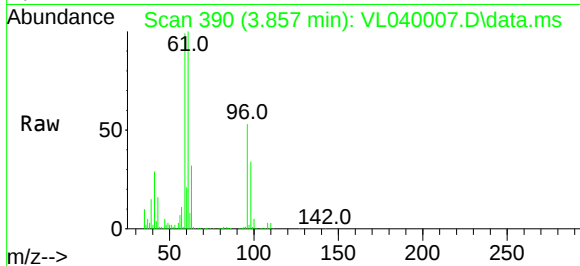




#17
tert-Butyl alcohol
Concen: 7.582 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

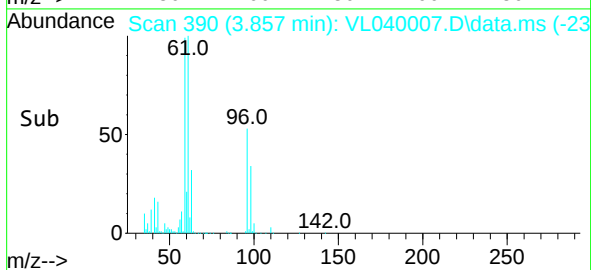
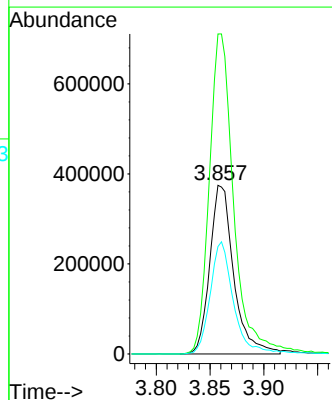
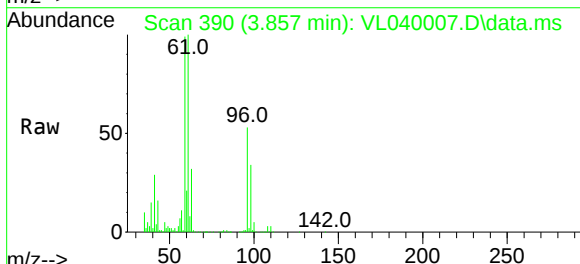
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

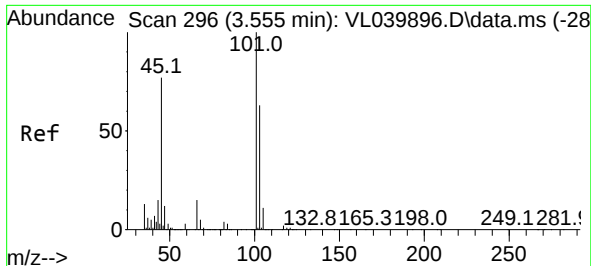
Tgt Ion: 59 Resp: 1310209
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#18
1,1-Dichloroethene
Concen: 8.494 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 96 Resp: 580513
Ion Ratio Lower Upper
96 100
61 189.6 153.4 230.2
98 63.7 48.9 73.3

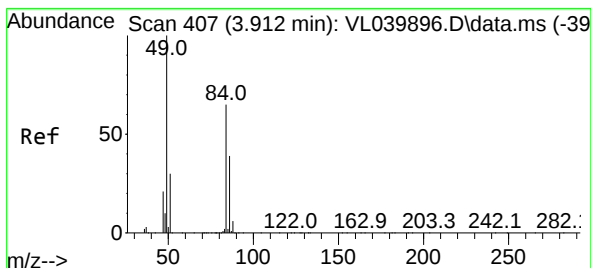
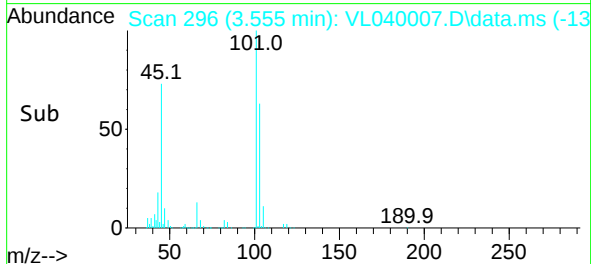
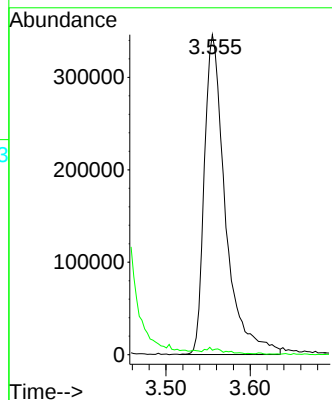
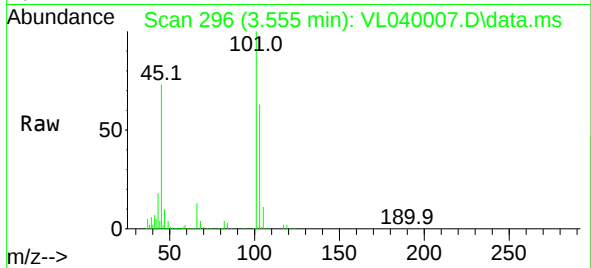




#19
Isopropyl Alcohol
Concen: 7.392 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

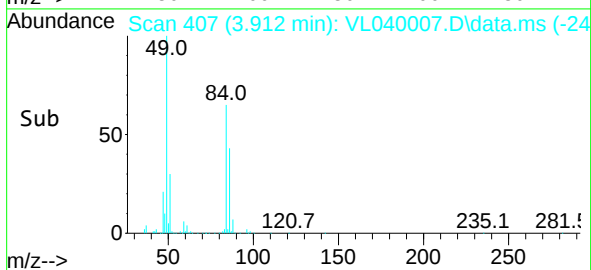
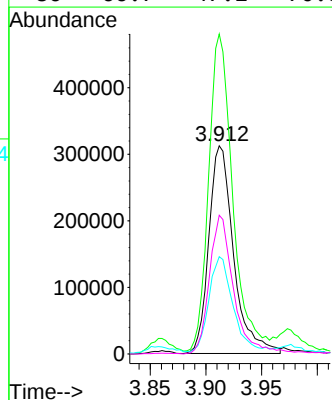
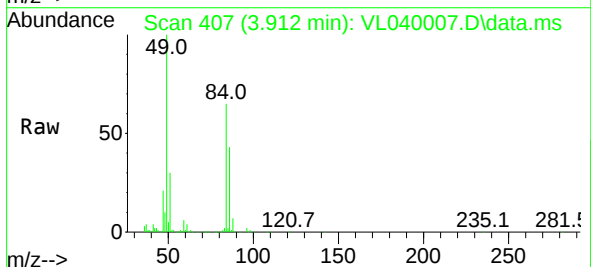
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

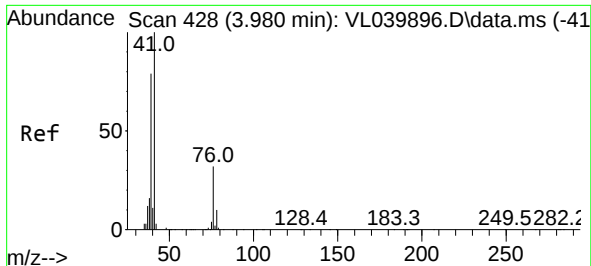
Tgt Ion: 45 Resp: 601555
Ion Ratio Lower Upper
45 100
58 2.7 38.7 58.1#



#20
Methylene Chloride
Concen: 6.638 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 84 Resp: 483396
Ion Ratio Lower Upper
84 100
49 151.9 122.2 183.4
51 44.9 36.3 54.5
86 66.7 47.2 70.8

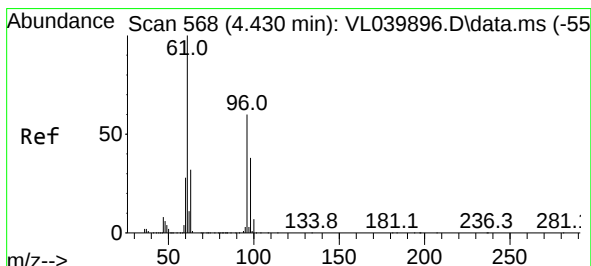
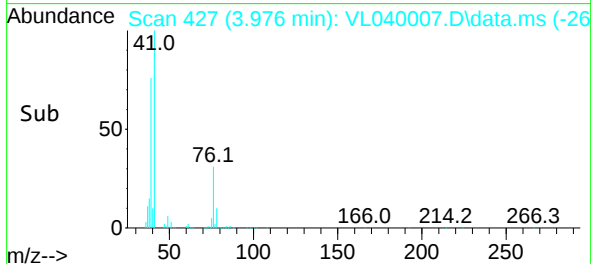
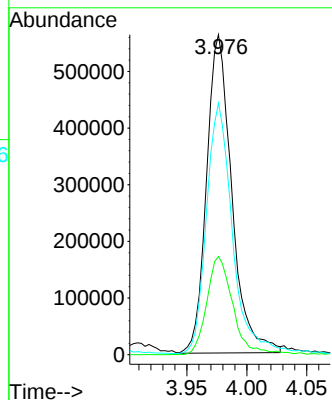
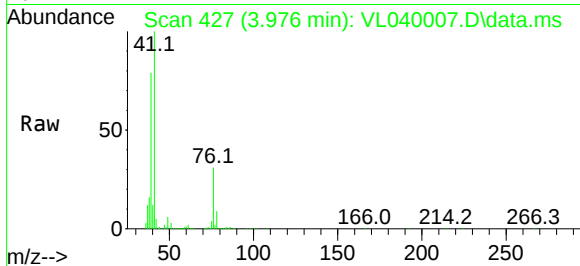




#21
 Allyl Chloride
 Concen: 7.895 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

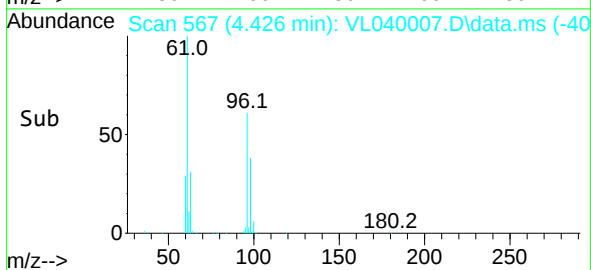
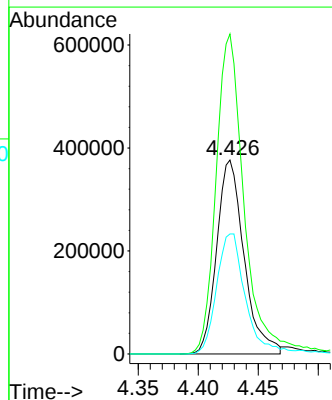
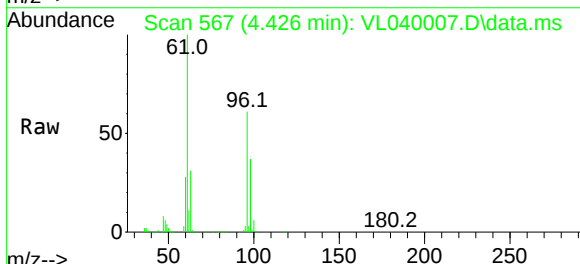
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1213ABS01

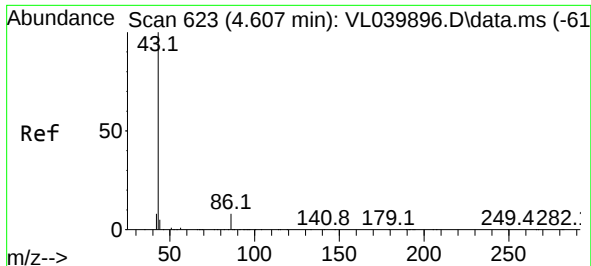
Tgt Ion: 41 Resp: 823169
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.6 38.4
 39 81.8 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 8.591 ppbv
 RT: 4.426 min Scan# 567
 Delta R.T. 0.016 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion: 96 Resp: 597052
 Ion Ratio Lower Upper
 96 100
 61 165.1 134.1 201.1
 98 61.9 50.4 75.6



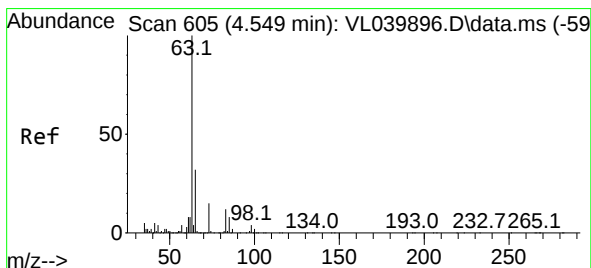
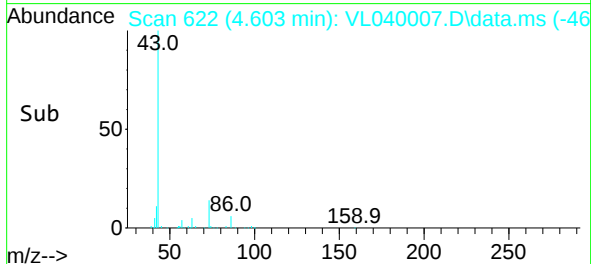
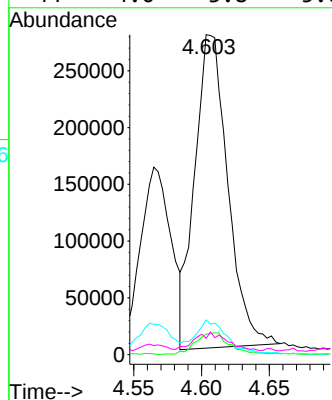
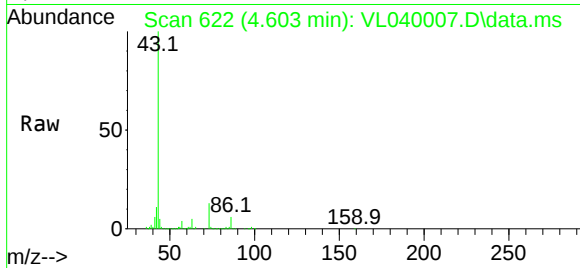


#23
 Vinyl Acetate
 Concen: 7.586 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1213ABS01

Tgt Ion: 43 Resp: 468449

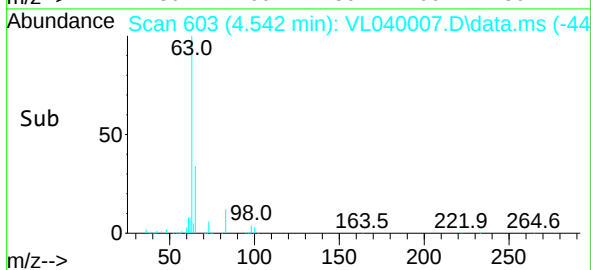
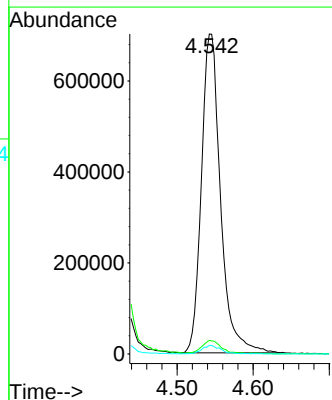
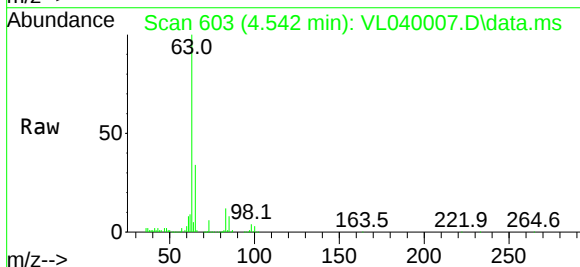
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.0	7.4
42	10.8	7.6	11.4
44	4.0	3.8	5.6

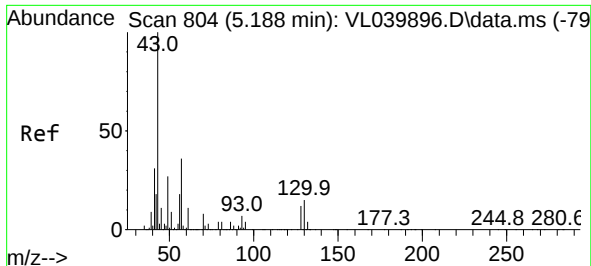


#24
 1,1-Dichloroethane
 Concen: 8.228 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.013 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion: 63 Resp: 1225078

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.7	1.1	3.5





#25

Ethyl Acetate

Concen: 8.838 ppbv

RT: 5.185 min Scan# 804

Delta R.T. 0.016 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

VL1213ABS01

Tgt Ion: 43 Resp: 2439075

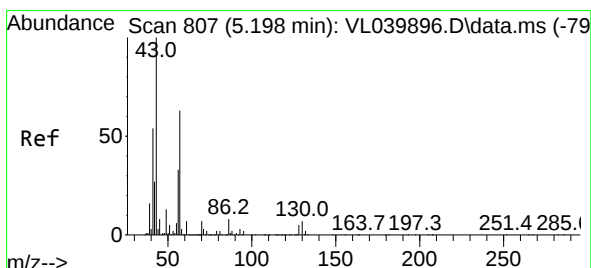
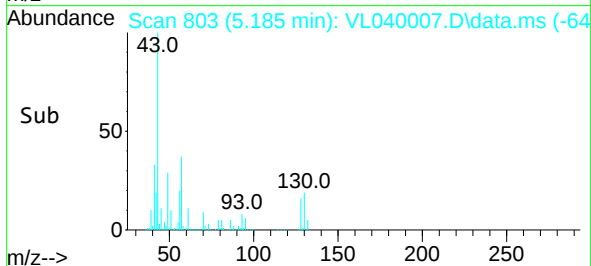
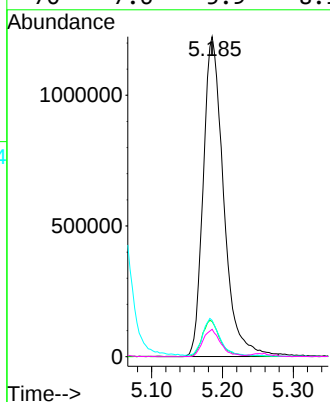
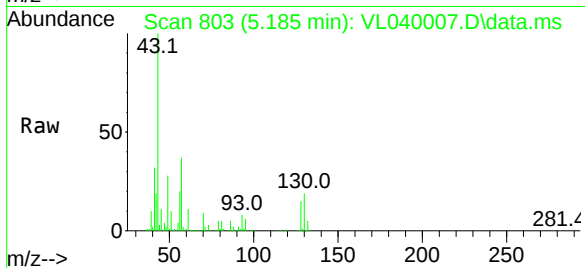
Ion Ratio Lower Upper

43 100

45 10.3 8.4 12.6

61 10.5 8.5 12.7

70 7.6 5.9 8.9



#26

Hexane

Concen: 8.853 ppbv

RT: 5.192 min Scan# 805

Delta R.T. 0.016 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Tgt Ion: 57 Resp: 1067226

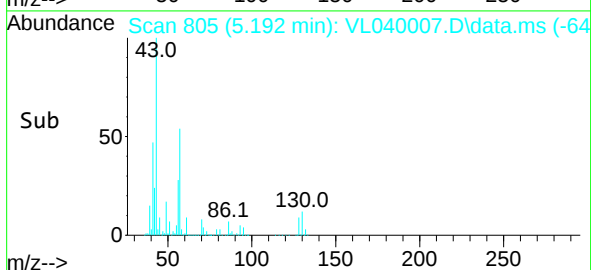
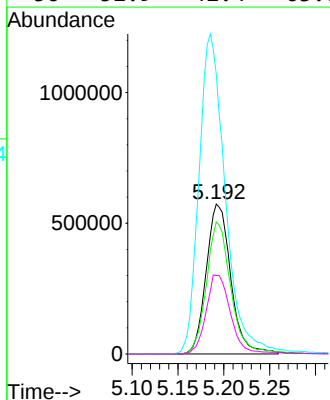
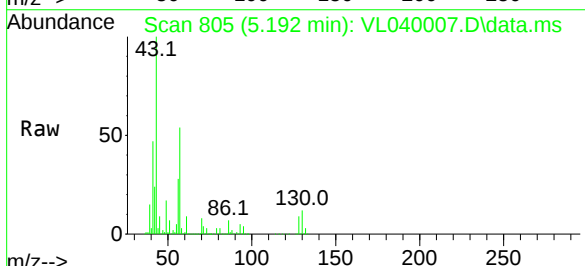
Ion Ratio Lower Upper

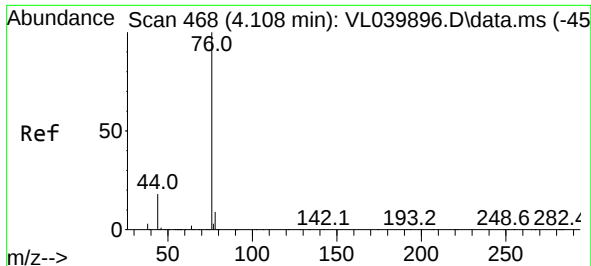
57 100

41 88.5 72.3 108.5

43 229.9 188.7 283.1

56 52.9 42.4 63.6

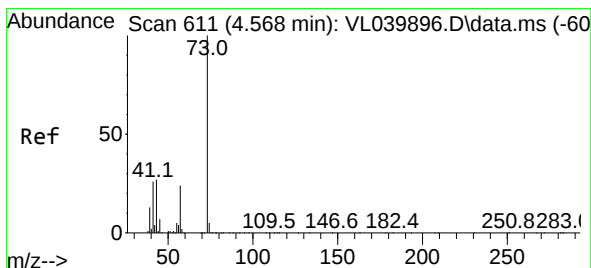
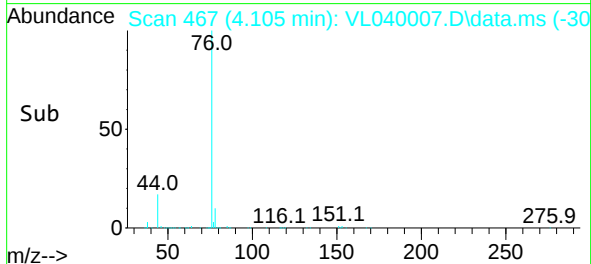
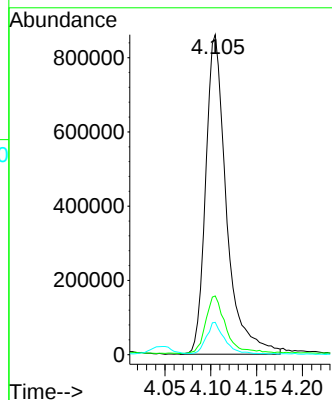
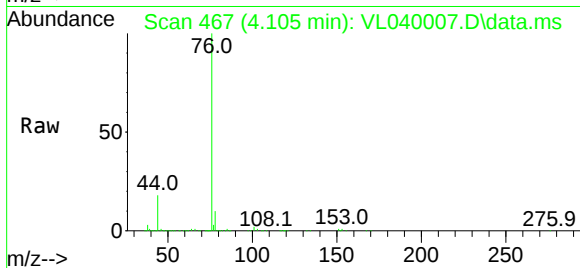




#27
Carbon Disulfide
Concen: 8.929 ppbv
RT: 4.105 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

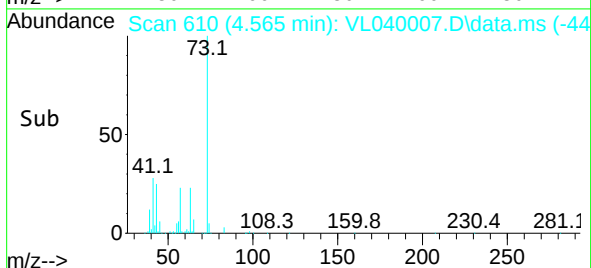
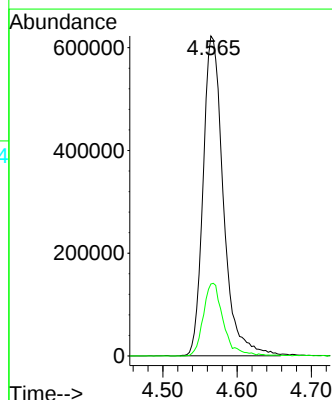
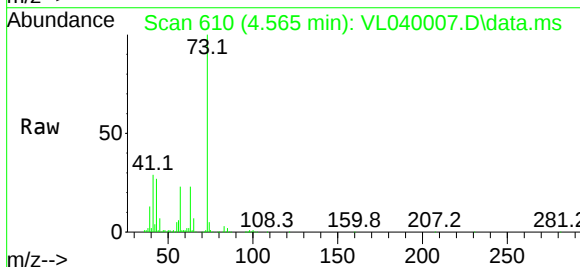
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

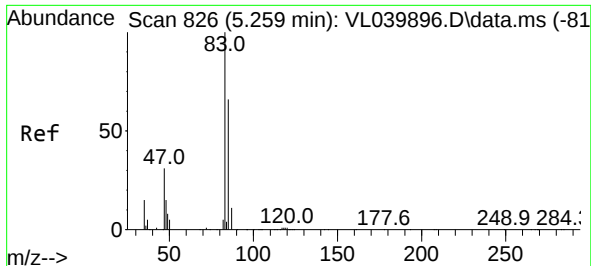
Tgt Ion: 76 Resp: 1358930
Ion Ratio Lower Upper
76 100
44 17.9 14.7 22.1
78 10.0 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 7.815 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.016 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 73 Resp: 1179575
Ion Ratio Lower Upper
73 100
57 22.7 18.9 28.3





#29

Chloroform

Concen: 11.068 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

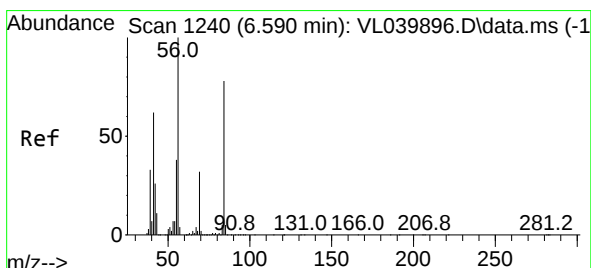
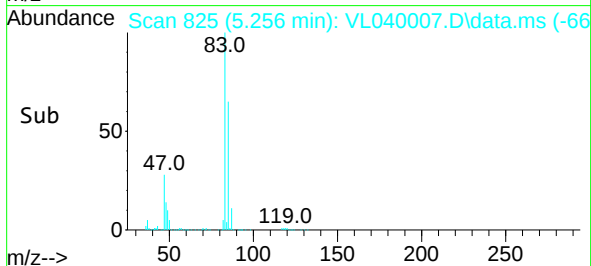
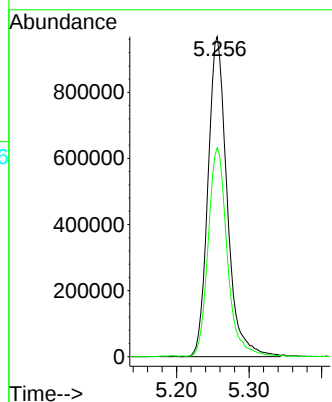
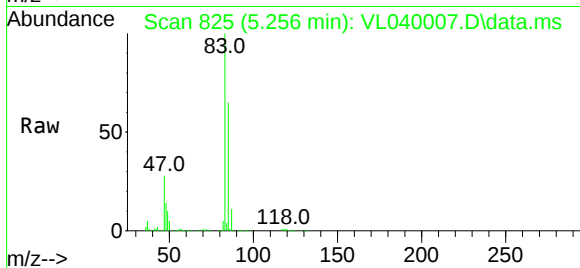
VL1213ABS01

Tgt Ion: 83 Resp: 1773112

Ion Ratio Lower Upper

83 100

85 65.1 52.4 78.6



#30

Cyclohexane

Concen: 7.949 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

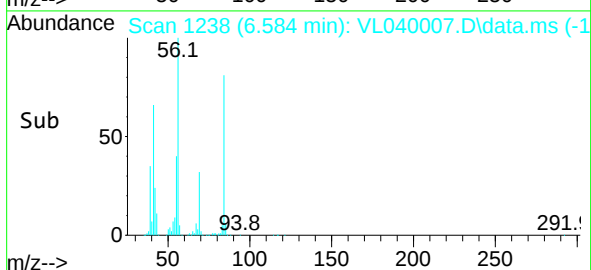
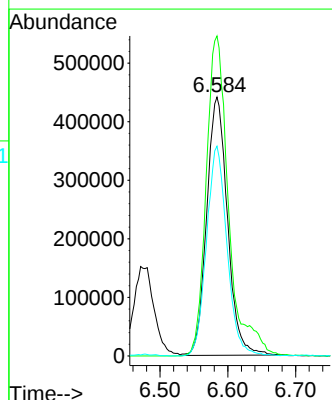
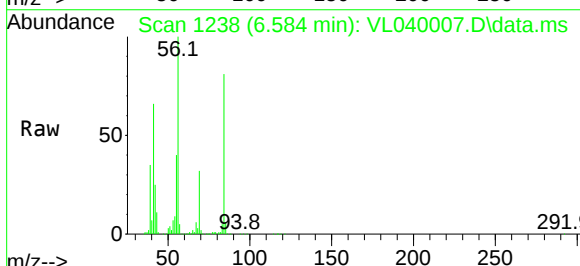
Tgt Ion: 84 Resp: 940470

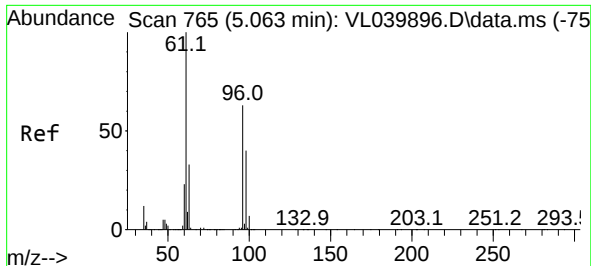
Ion Ratio Lower Upper

84 100

56 133.7 112.5 168.7

41 80.6 67.8 101.8

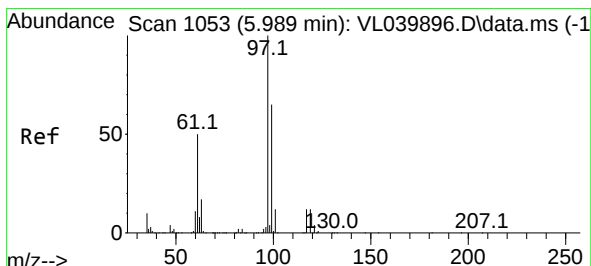
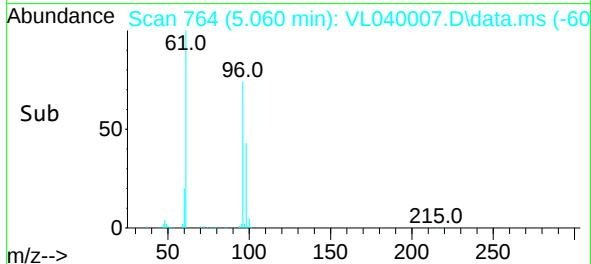
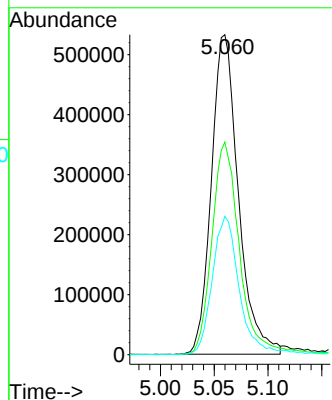
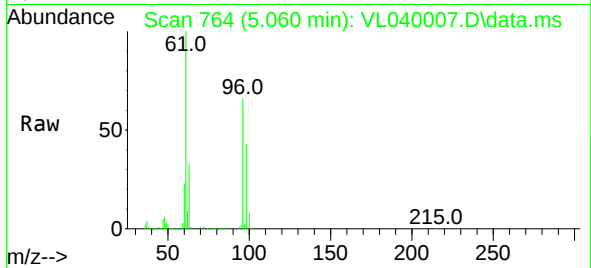




#31
 cis-1,2-Dichloroethene
 Concen: 8.360 ppbv
 RT: 5.060 min Scan# 7
 Delta R.T. 0.019 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

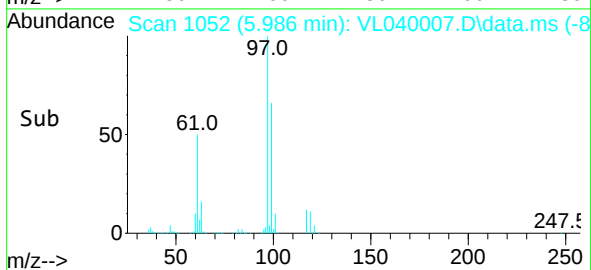
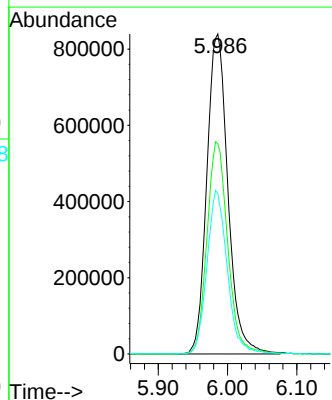
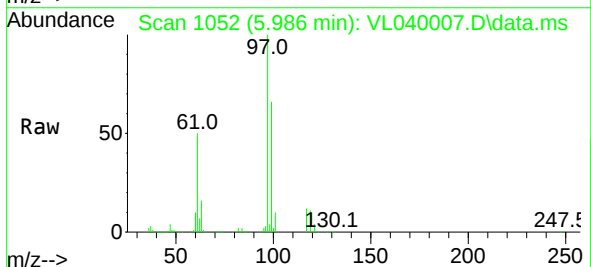
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1213ABS01

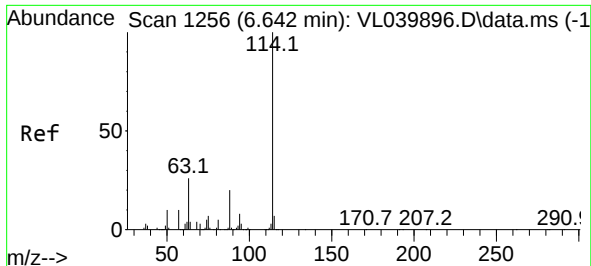
Tgt Ion: 61 Resp: 931183
 Ion Ratio Lower Upper
 61 100
 96 66.4 50.3 75.5
 98 43.3 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 8.865 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.019 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion: 97 Resp: 1773661
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.4 77.0
 61 49.5 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

VL1213ABS01

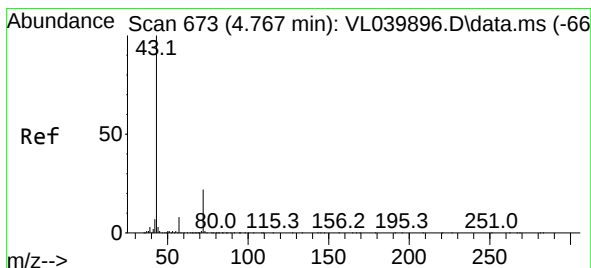
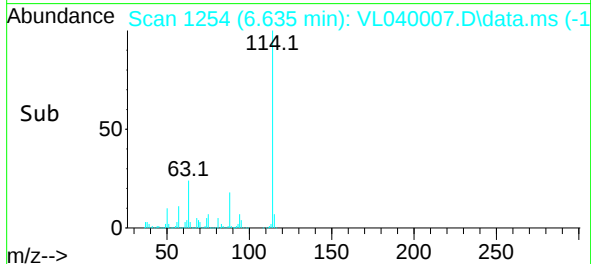
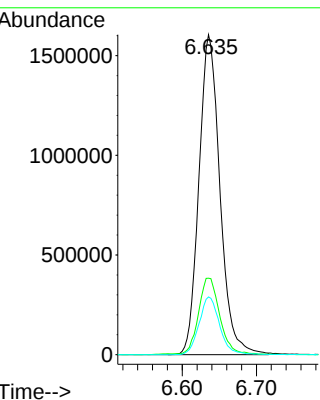
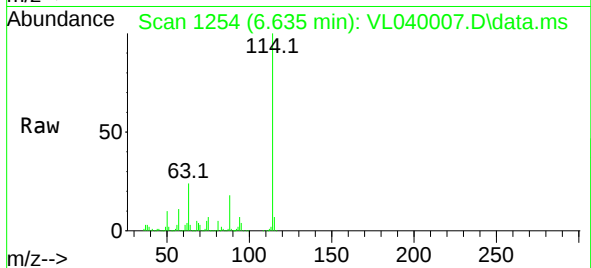
Tgt Ion:114 Resp: 3154634

Ion Ratio Lower Upper

114 100

63 24.6 21.4 32.0

88 17.7 15.3 22.9



#34

2-Butanone

Concen: 8.808 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.016 min

Lab File: VL040007.D

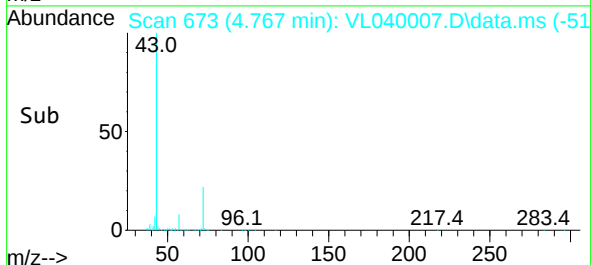
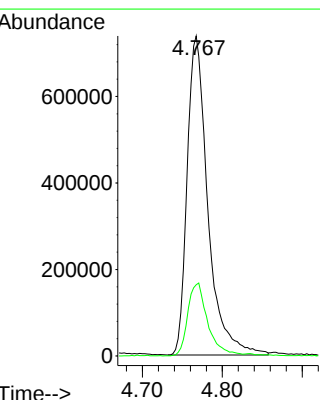
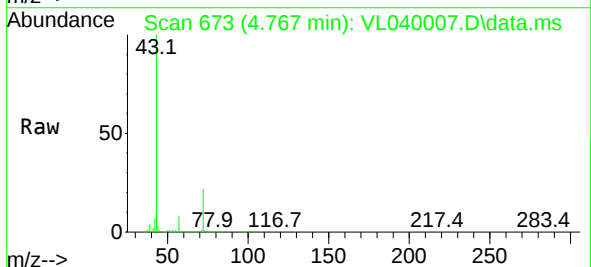
Acq: 13 Dec 2022 15:29

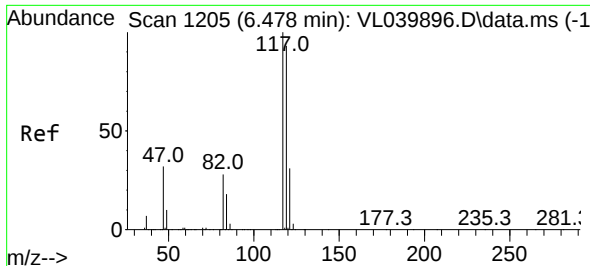
Tgt Ion: 43 Resp: 1329576

Ion Ratio Lower Upper

43 100

72 22.8 17.4 26.2

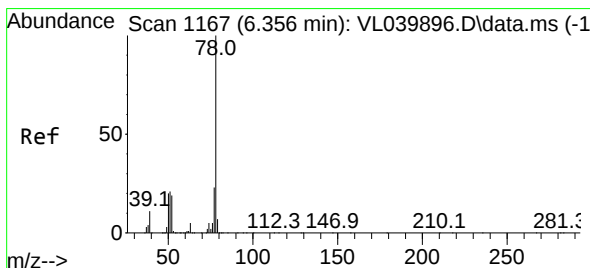
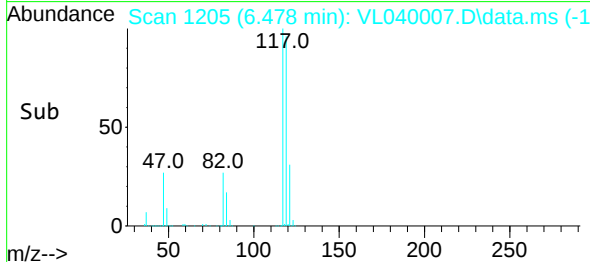
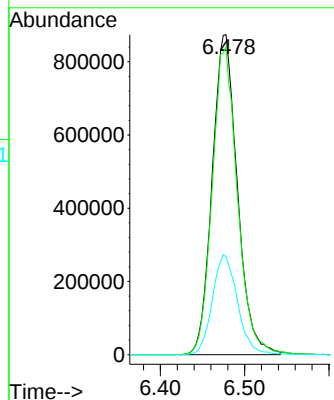
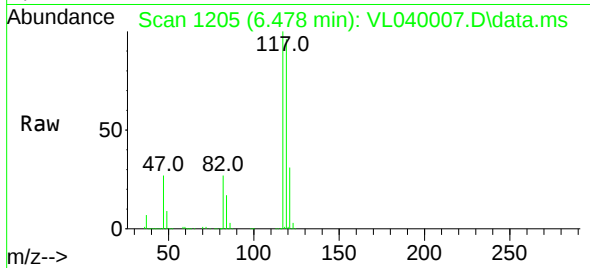




#35
Carbon Tetrachloride
Concen: 10.111 ppbv
RT: 6.478 min Scan# 1165
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

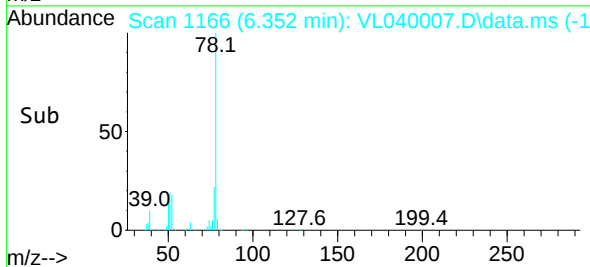
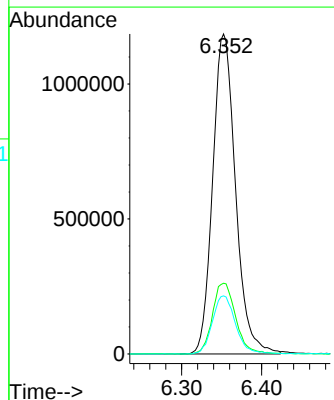
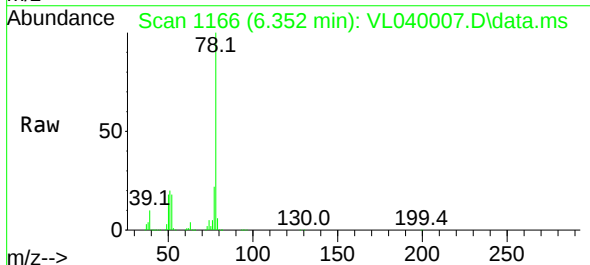
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

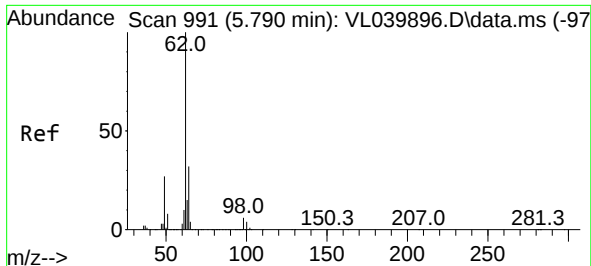
Tgt Ion:117 Resp: 1811413
Ion Ratio Lower Upper
117 100
119 96.1 74.7 112.1
121 30.6 24.5 36.7



#36
Benzene
Concen: 8.771 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 78 Resp: 2351791
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2
50 18.2 15.8 23.8





#37

1,2-Dichloroethane

Concen: 9.078 ppbv

RT: 5.790 min Scan# 991

Delta R.T. 0.023 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

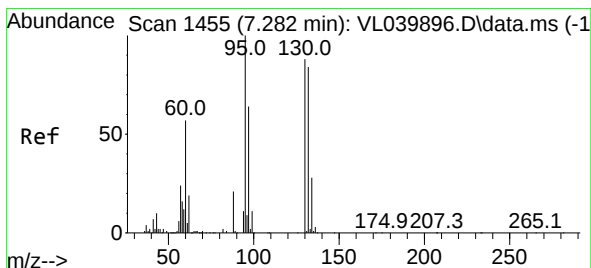
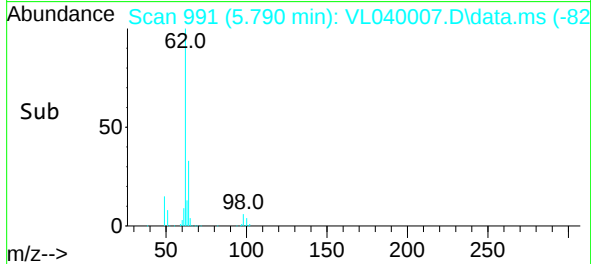
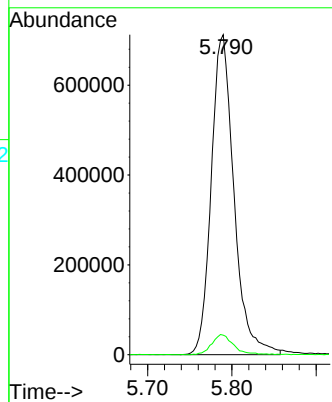
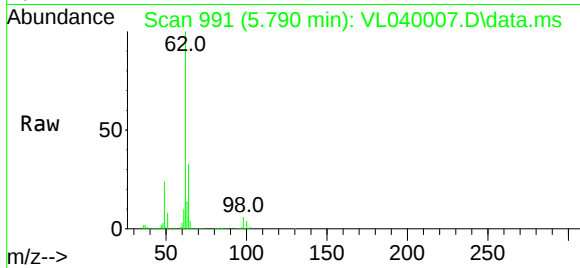
VL1213ABS01

Tgt Ion: 62 Resp: 1333976

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.6



#38

Trichloroethene

Concen: 8.923 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Tgt Ion:130 Resp: 1337429

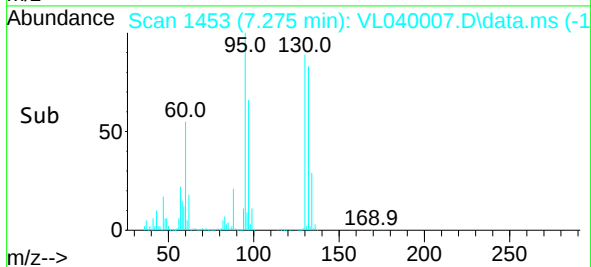
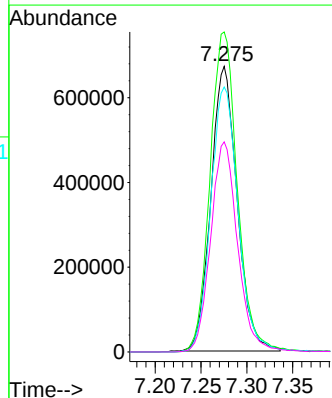
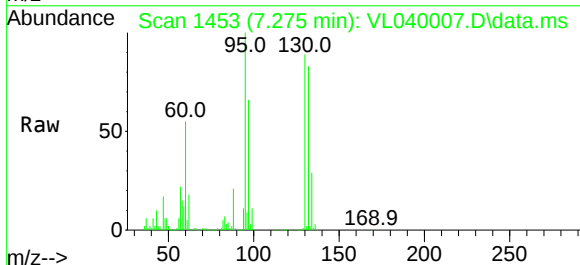
Ion Ratio Lower Upper

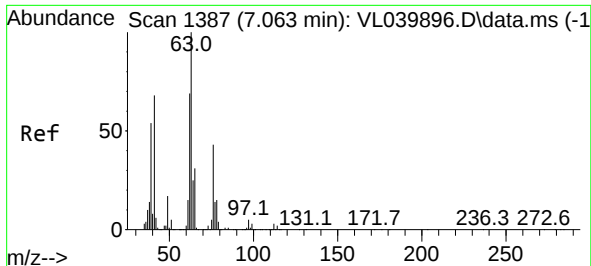
130 100

95 112.3 90.6 135.8

132 92.9 76.2 114.4

97 73.7 58.0 87.0





#39

1,2-Dichloropropane

Concen: 8.524 ppbv

RT: 7.053 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

VL1213ABS01

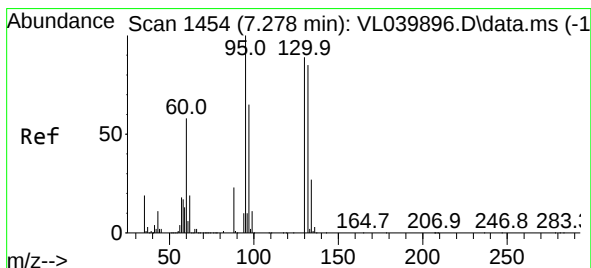
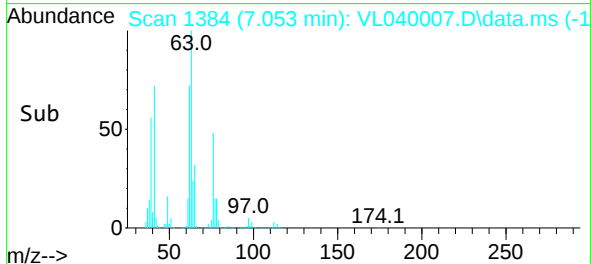
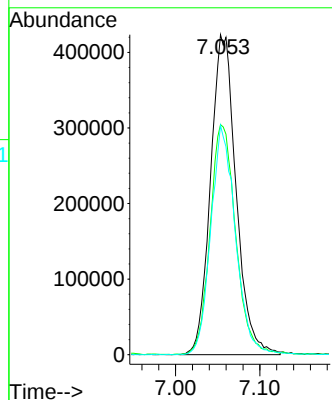
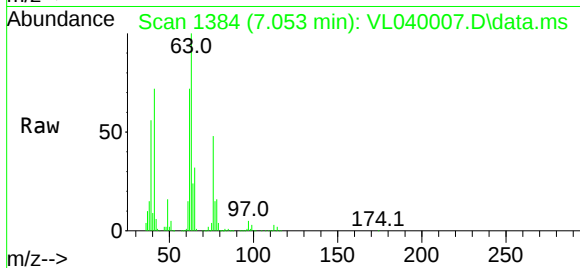
Tgt Ion: 63 Resp: 890475

Ion Ratio Lower Upper

63 100

41 71.8 54.7 82.1

62 71.5 55.0 82.6



#40

1,4-Dioxane

Concen: 8.402 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Tgt Ion: 88 Resp: 349694

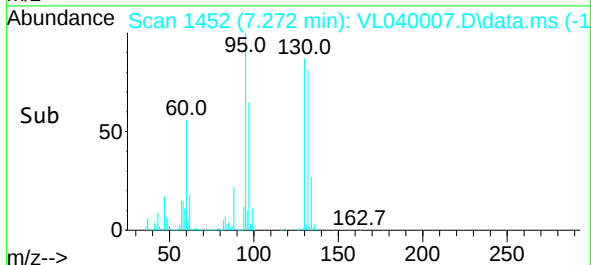
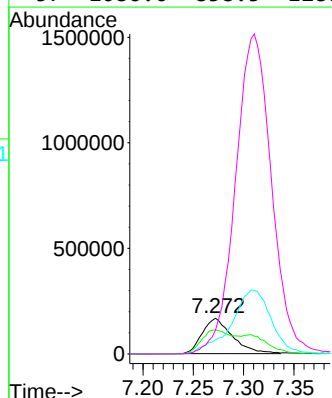
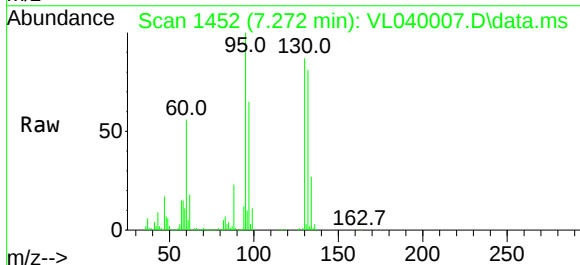
Ion Ratio Lower Upper

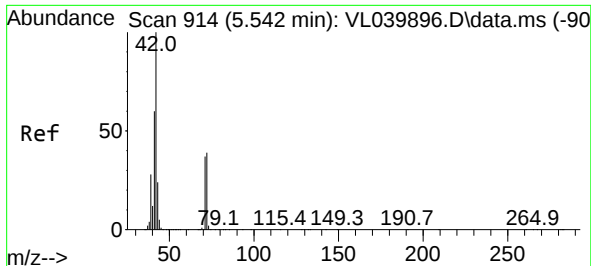
88 100

58 120.4 100.5 150.7

43 242.3 195.8 293.8

57 1086.0 858.5 1287.7

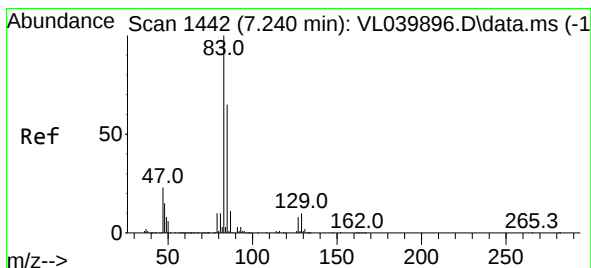
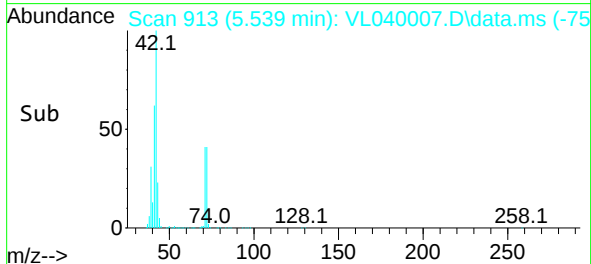
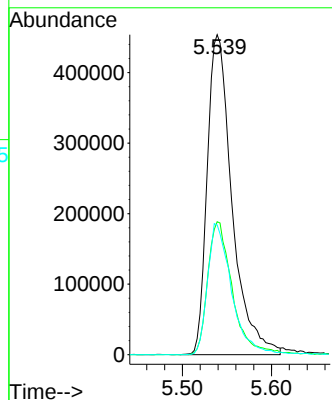
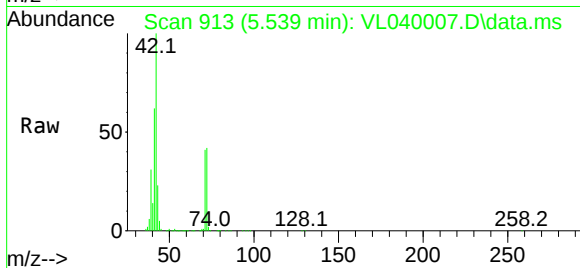




#41
Tetrahydrofuran
Concen: 8.430 ppbv
RT: 5.539 min Scan# 914
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

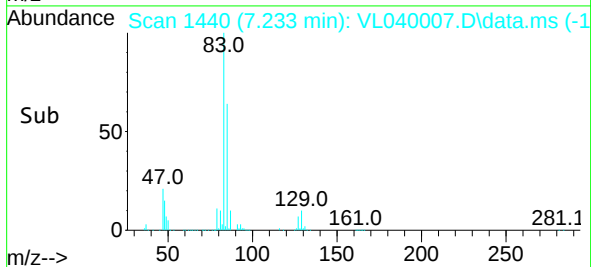
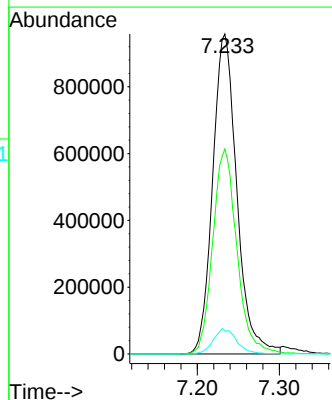
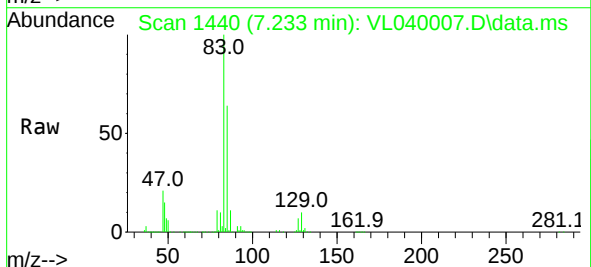
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

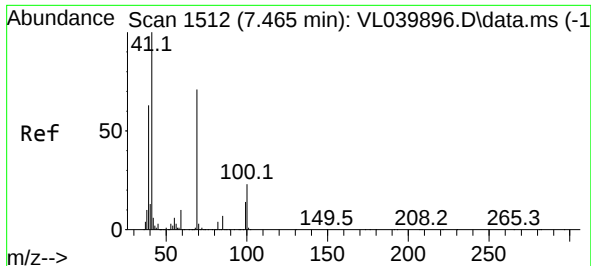
Tgt Ion: 42 Resp: 878474
Ion Ratio Lower Upper
42 100
72 41.6 31.6 47.4
71 40.2 31.2 46.8



#42
Bromodichloromethane
Concen: 9.816 ppbv
RT: 7.233 min Scan# 1440
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 83 Resp: 1956083
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0
127 7.1 6.5 9.7

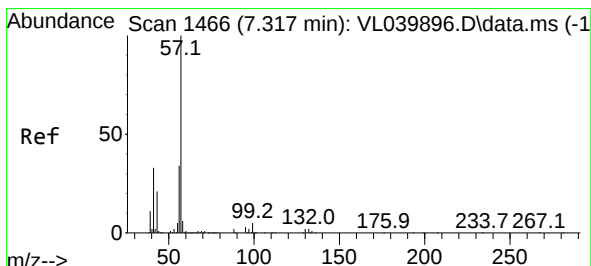
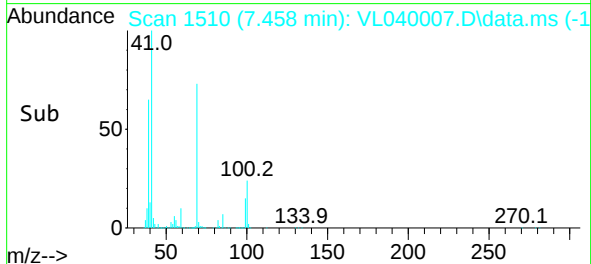
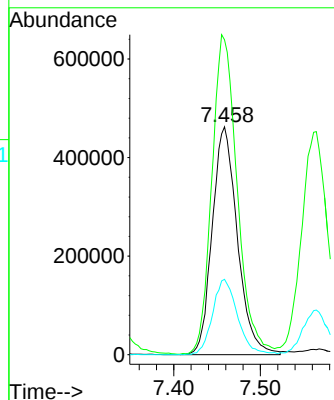
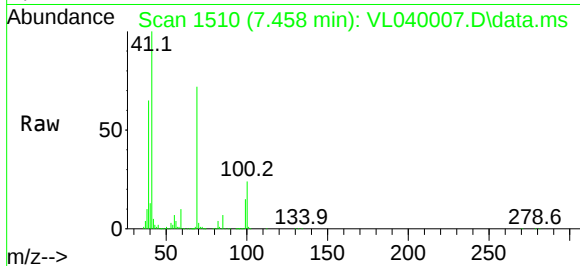




#43
Methyl Methacrylate
Concen: 8.880 ppbv
RT: 7.458 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

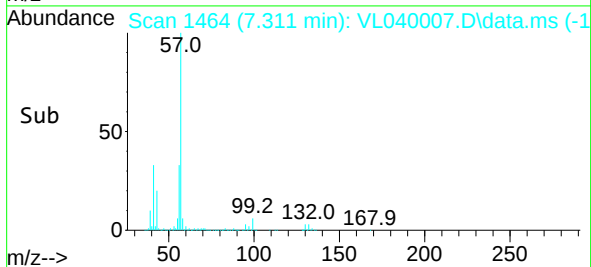
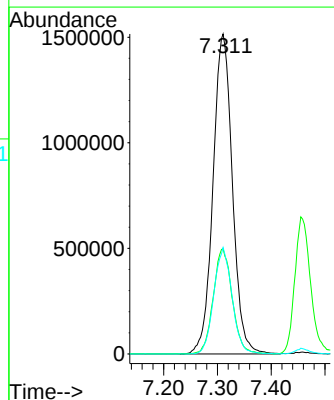
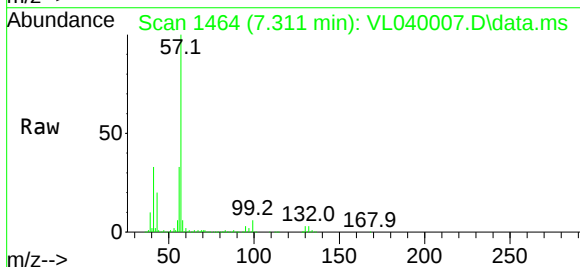
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

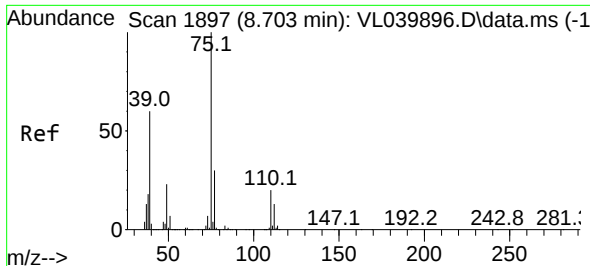
Tgt Ion: 69 Resp: 933504
Ion Ratio Lower Upper
69 100
41 141.3 116.4 174.6
100 33.0 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 8.482 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 57 Resp: 3796690
Ion Ratio Lower Upper
57 100
41 32.2 26.2 39.2
56 31.4 25.5 38.3

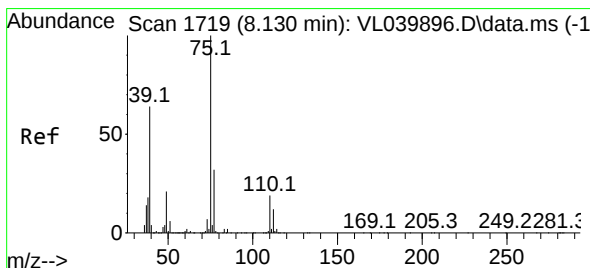
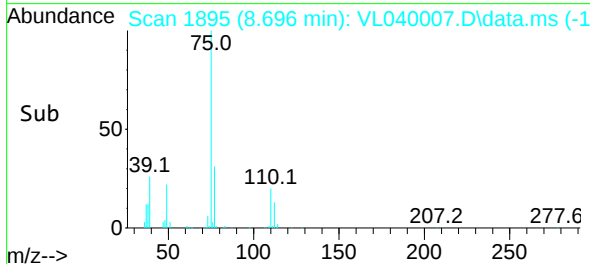
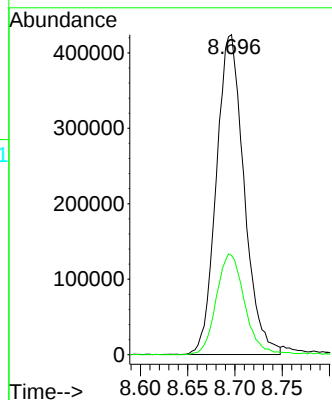
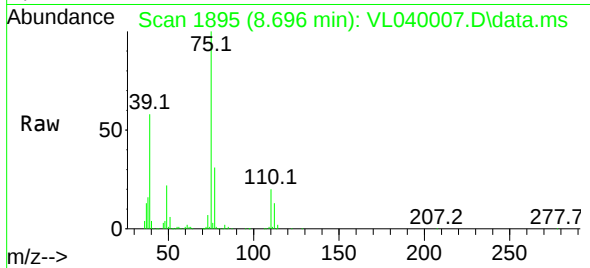




#45
 t-1,3-Dichloropropene
 Concen: 8.894 ppbv
 RT: 8.696 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

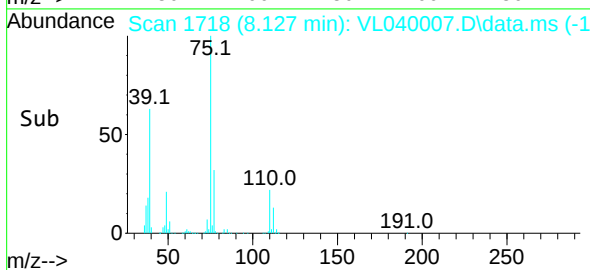
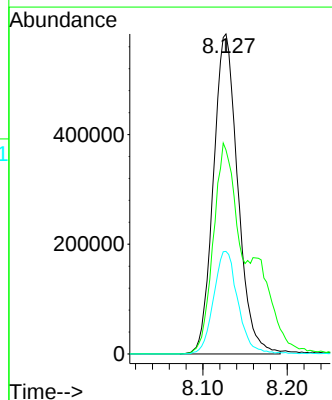
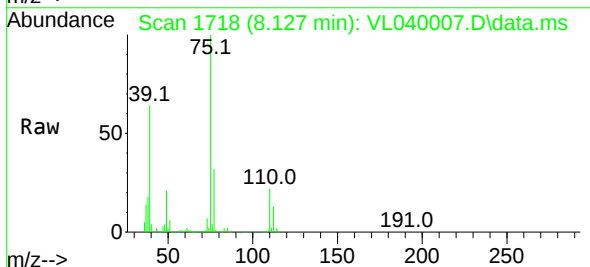
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1213ABS01

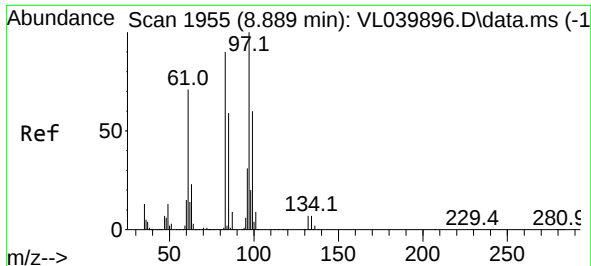
Tgt Ion: 75 Resp: 863843
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4



#46
 cis-1,3-Dichloropropene
 Concen: 8.730 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. 0.019 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion: 75 Resp: 1174648
 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: 8.981 ppbv

RT: 8.883 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

VL1213ABS01

Tgt Ion: 97 Resp: 964251

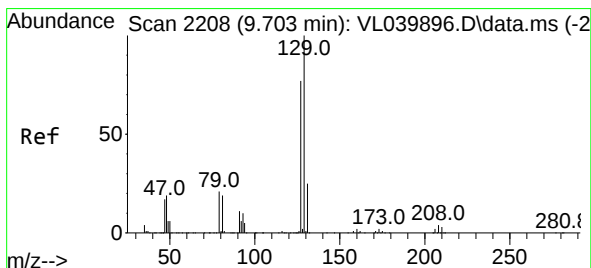
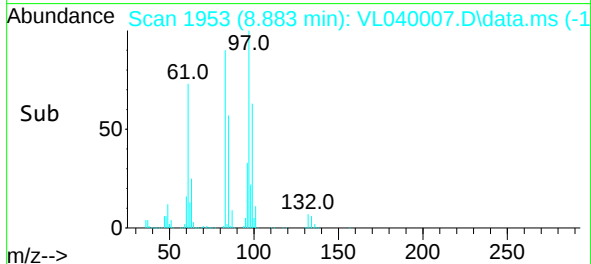
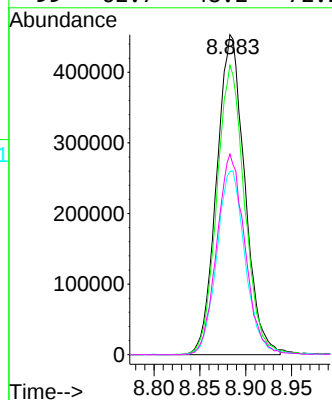
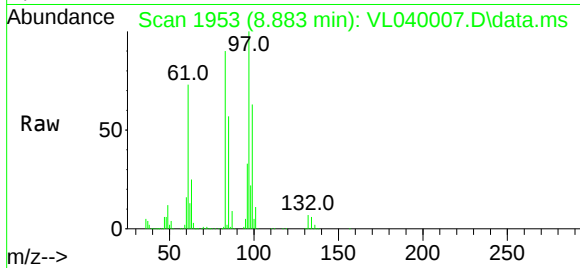
Ion Ratio Lower Upper

97 100

83 90.3 72.1 108.1

85 57.2 47.2 70.8

99 62.7 48.2 72.2



#48

Dibromochloromethane

Concen: 10.180 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. 0.019 min

Lab File: VL040007.D

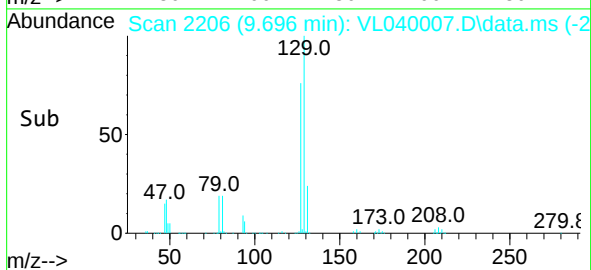
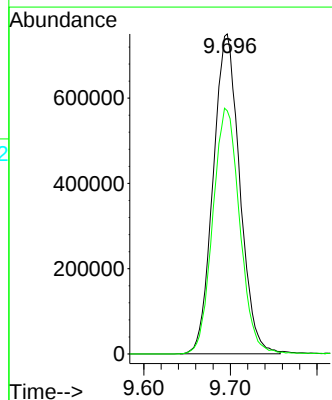
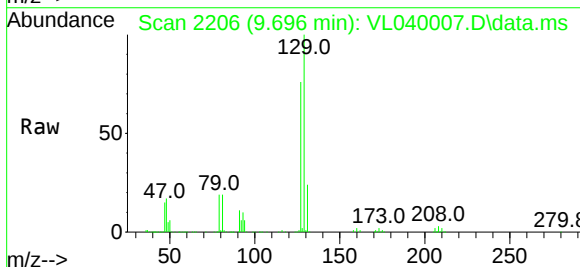
Acq: 13 Dec 2022 15:29

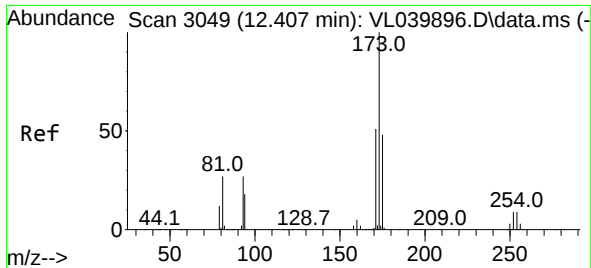
Tgt Ion: 129 Resp: 1600897

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.3

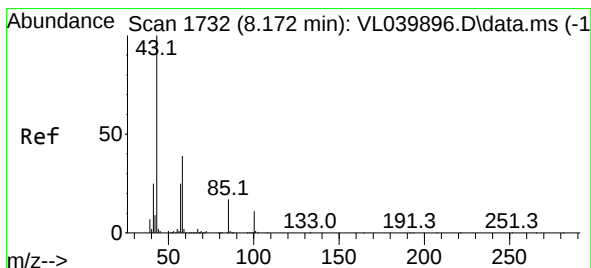
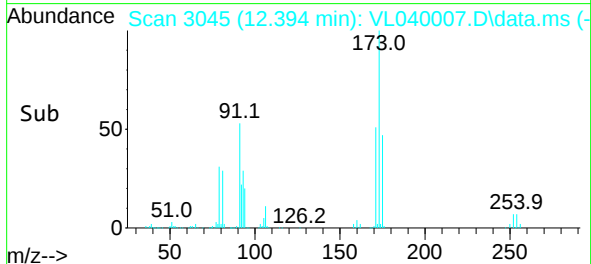
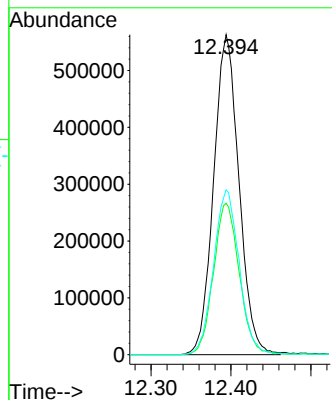
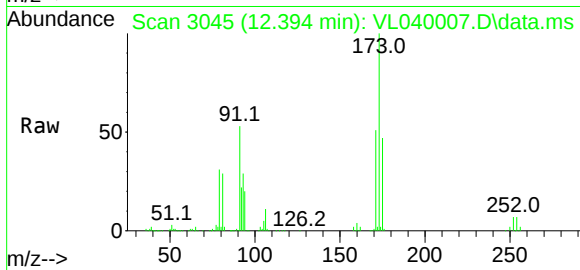




#49
Bromoform
Concen: 9.723 ppbv
RT: 12.394 min Scan# 3049
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

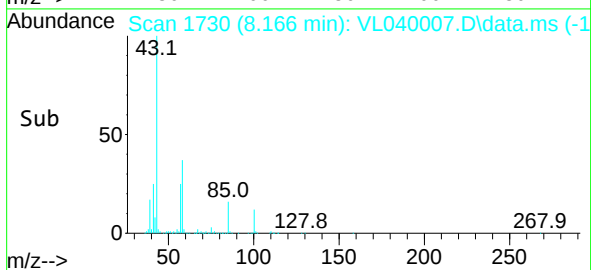
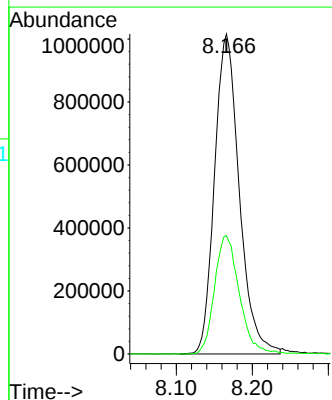
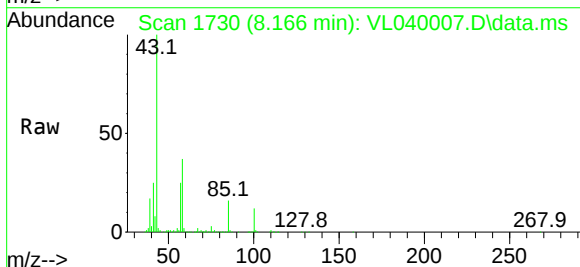
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

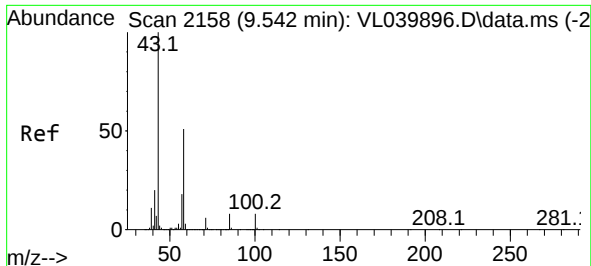
Tgt Ion:173 Resp: 1237715
Ion Ratio Lower Upper
173 100
175 48.2 39.1 58.7
171 52.4 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 8.472 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 43 Resp: 2290335
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.6

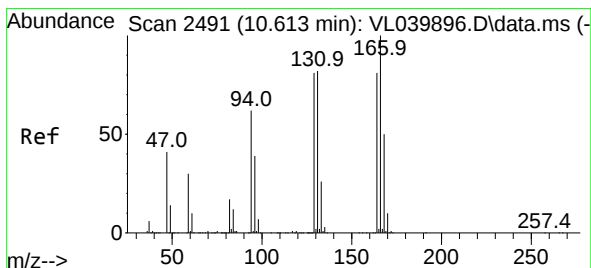
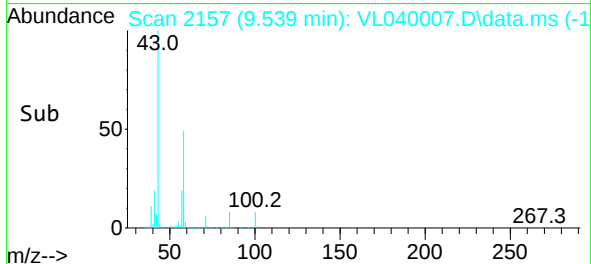
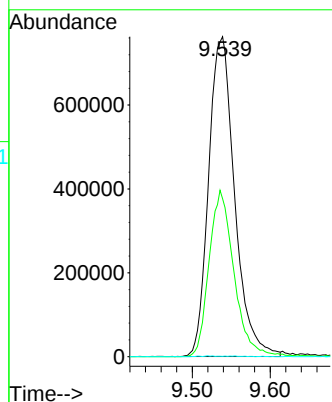
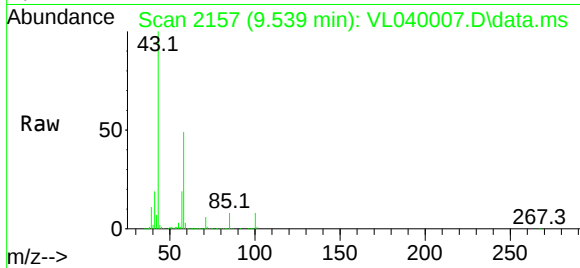




#51
2-Hexanone
Concen: 8.422 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

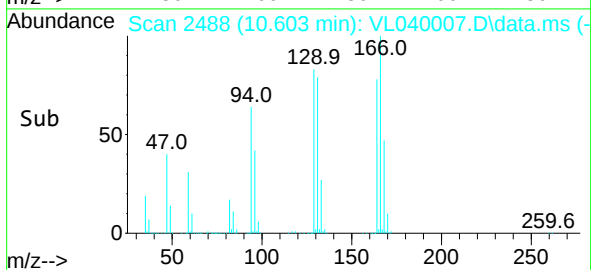
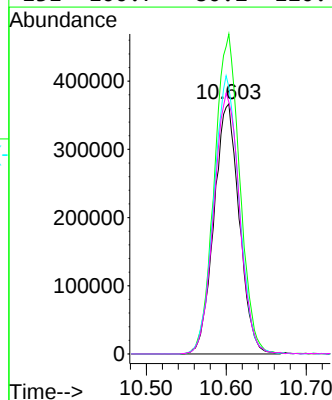
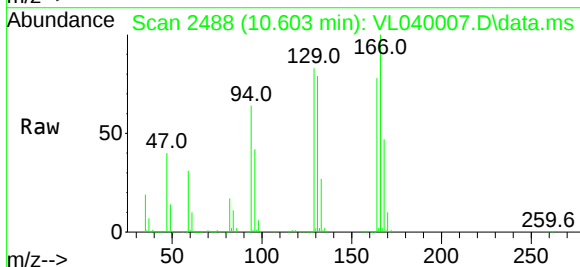
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

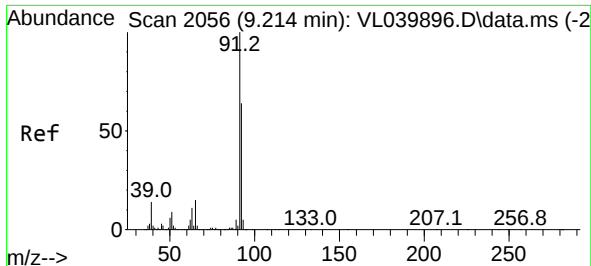
Tgt Ion: 43 Resp: 1767467
Ion Ratio Lower Upper
43 100
58 50.2 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.012 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 164 Resp: 803652
Ion Ratio Lower Upper
164 100
166 127.9 98.3 147.5
129 106.8 79.7 119.5
131 100.7 80.2 120.4

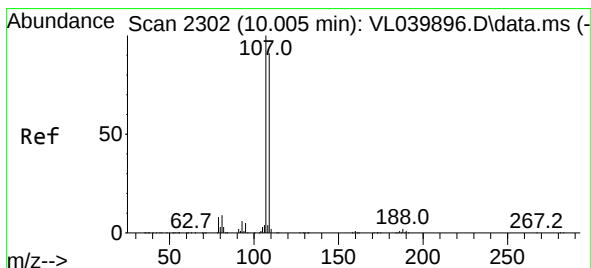
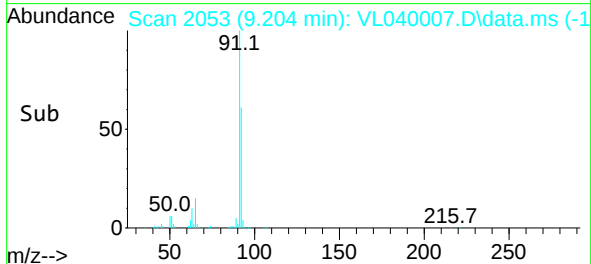
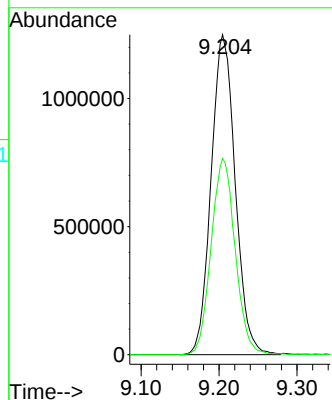
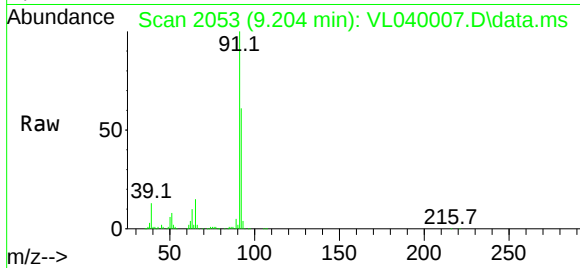




#53
Toluene
Concen: 8.782 ppbv
RT: 9.204 min Scan# 2056
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

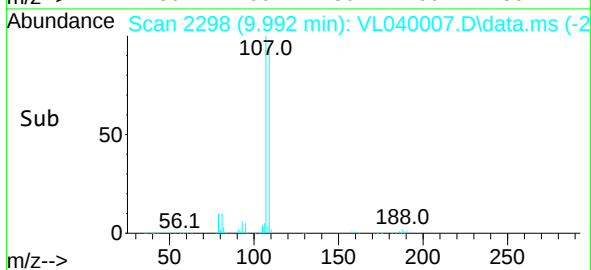
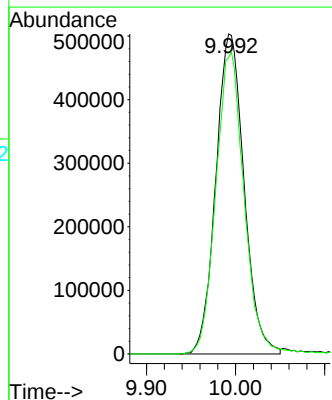
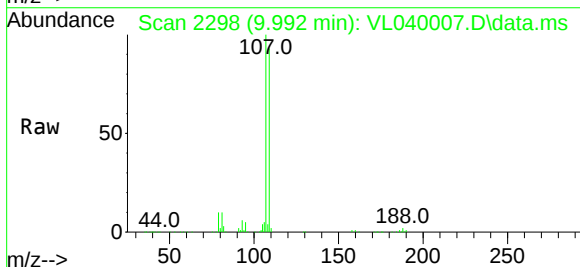
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

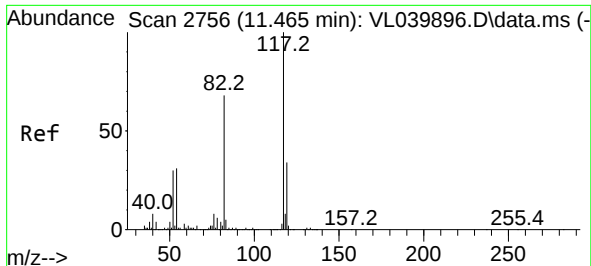
Tgt Ion: 91 Resp: 2682590
Ion Ratio Lower Upper
91 100
92 61.3 49.8 74.6



#54
1,2-Dibromoethane
Concen: 9.656 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 107 Resp: 1106351
Ion Ratio Lower Upper
107 100
109 92.6 72.8 109.2

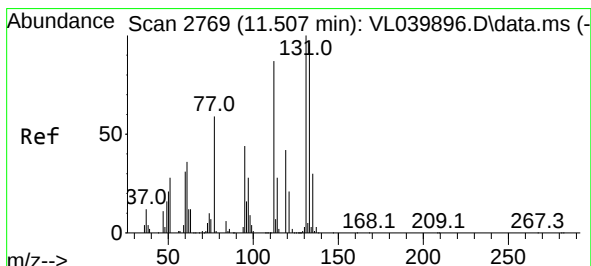
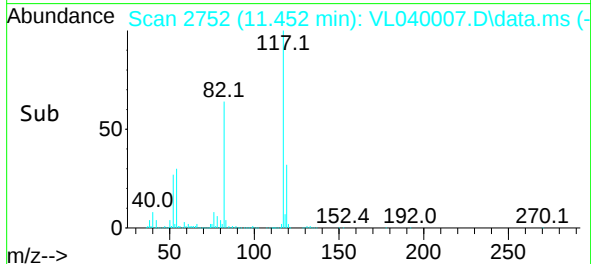
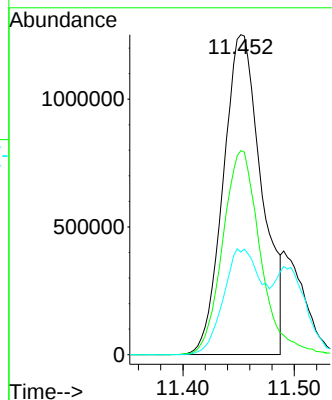
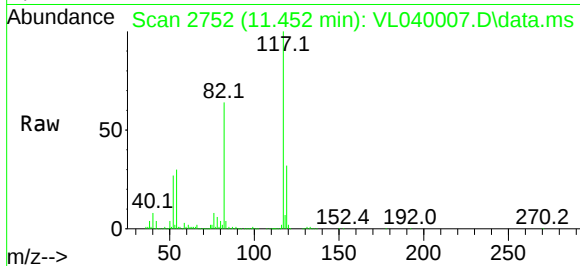




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

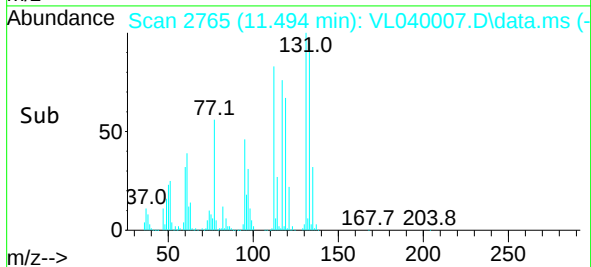
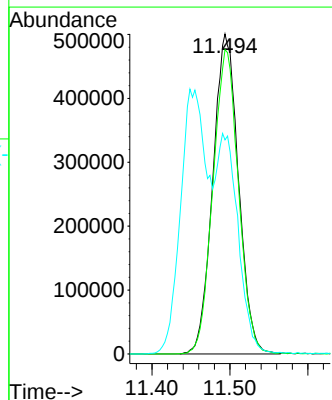
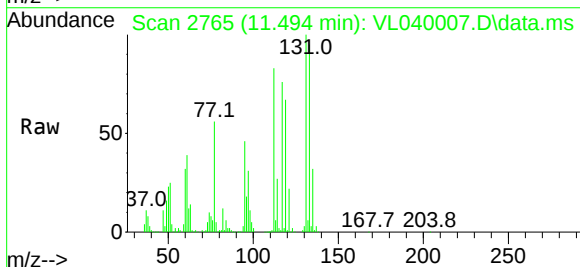
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

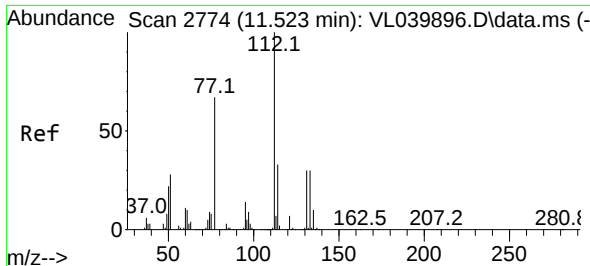
Tgt Ion:117 Resp: 3014646
Ion Ratio Lower Upper
117 100
82 62.9 52.3 78.5
119 34.7 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.270 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion:131 Resp: 1142376
Ion Ratio Lower Upper
131 100
133 95.0 76.7 115.1
119 64.1 46.6 69.8

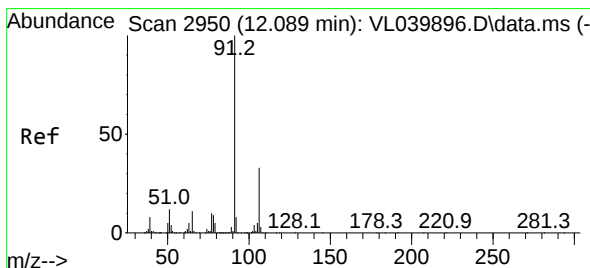
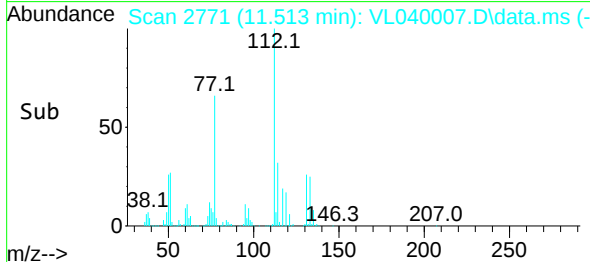
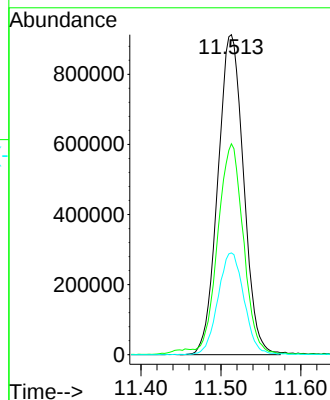
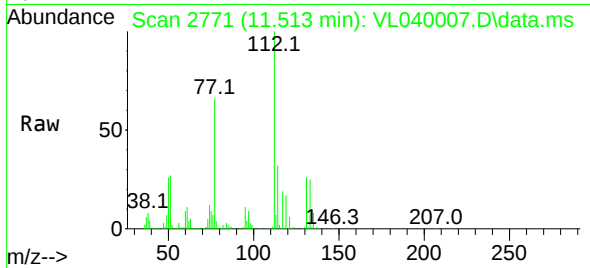




#57
Chlorobenzene
Concen: 8.850 ppbv
RT: 11.513 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

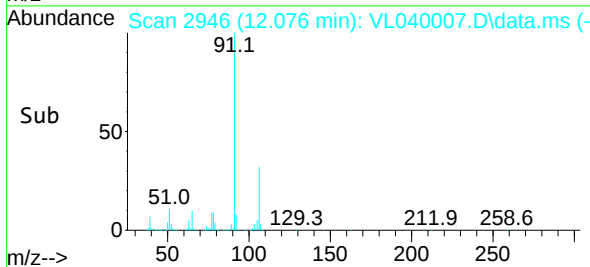
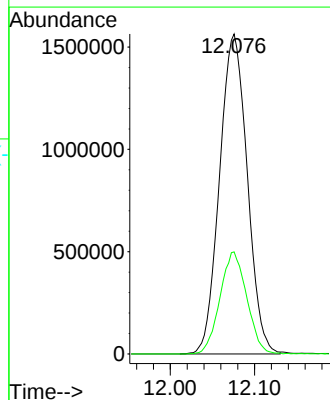
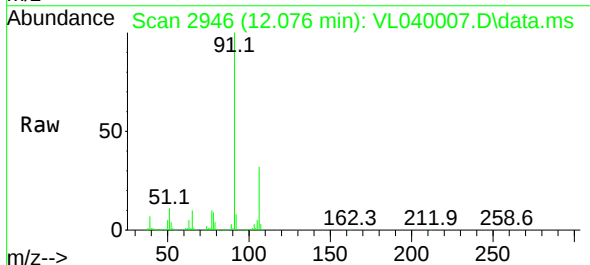
Instrument :
MSVOA_1
ClientSampleId :
VL1213ABS01

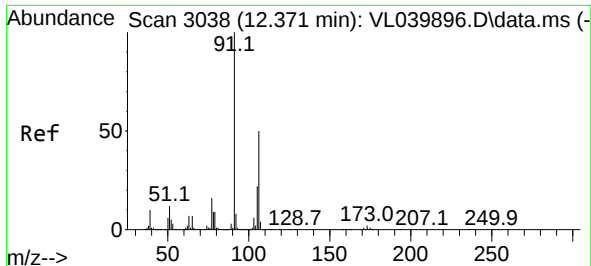
Tgt Ion:112 Resp: 2039931
Ion Ratio Lower Upper
112 100
77 65.4 54.6 81.8
114 31.7 30.1 36.7



#58
Ethyl Benzene
Concen: 8.715 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 91 Resp: 3564491
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1





#59

m/p-Xylene

Concen: 9.721 ppbv

RT: 12.359 min Scan# 3038

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

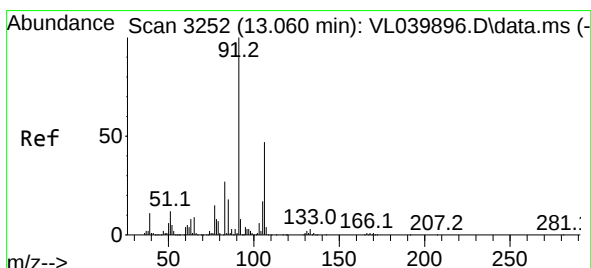
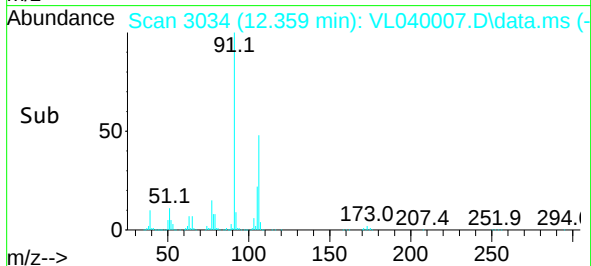
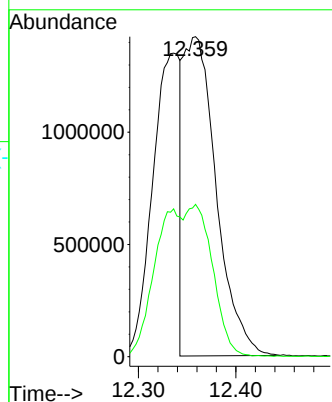
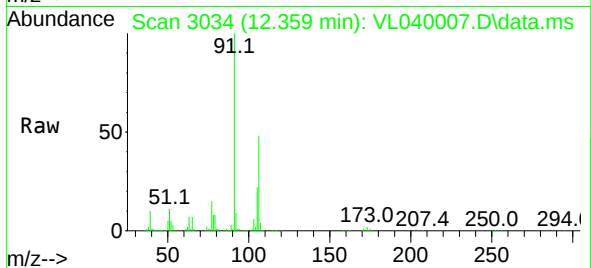
VL1213ABS01

Tgt Ion: 91 Resp: 3327475

Ion Ratio Lower Upper

91 100

106 79.8 37.0 55.6#



#60

o-Xylene

Concen: 8.741 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.019 min

Lab File: VL040007.D

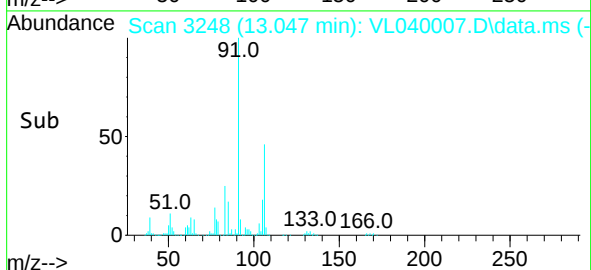
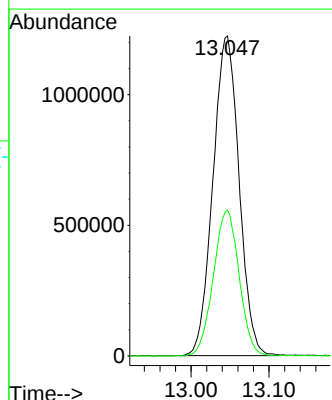
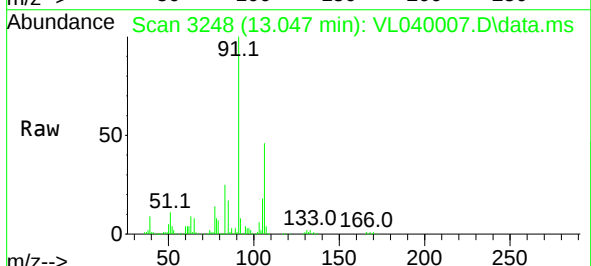
Acq: 13 Dec 2022 15:29

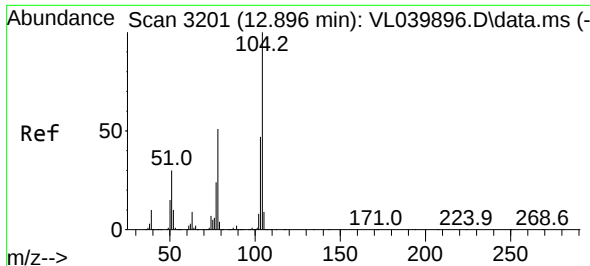
Tgt Ion: 91 Resp: 2853261

Ion Ratio Lower Upper

91 100

106 45.2 23.2 69.6





#61

Styrene

Concen: 8.779 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

VL1213ABS01

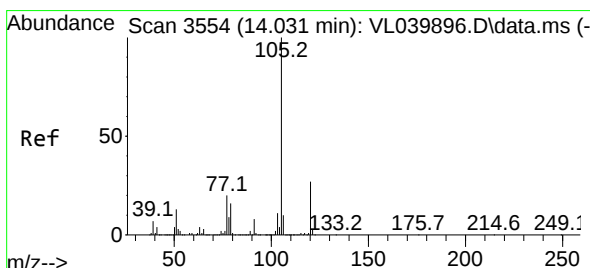
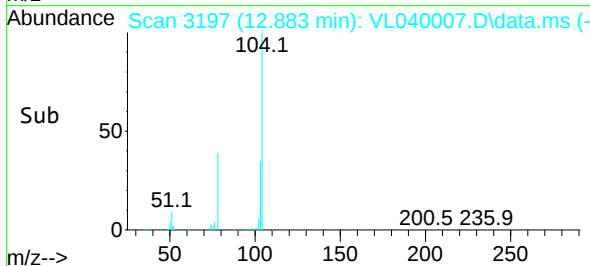
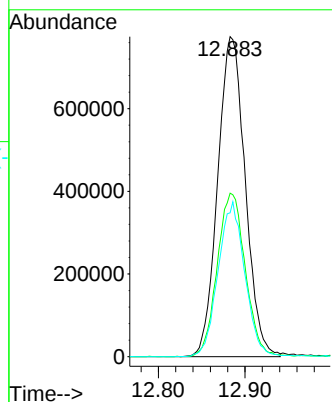
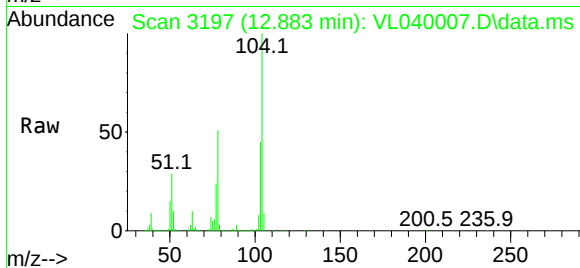
Tgt Ion:104 Resp: 1710553

Ion Ratio Lower Upper

104 100

78 52.3 41.8 62.8

103 46.9 37.2 55.8



#62

Isopropylbenzene

Concen: 8.650 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.023 min

Lab File: VL040007.D

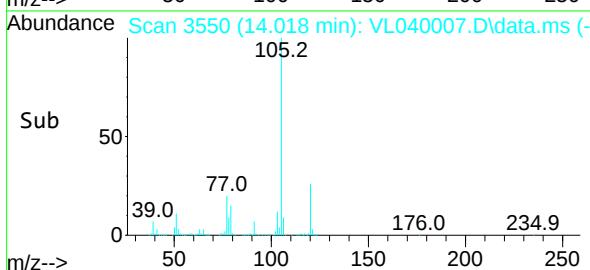
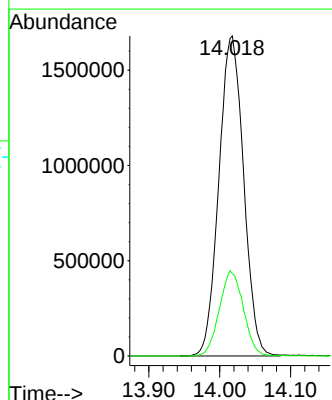
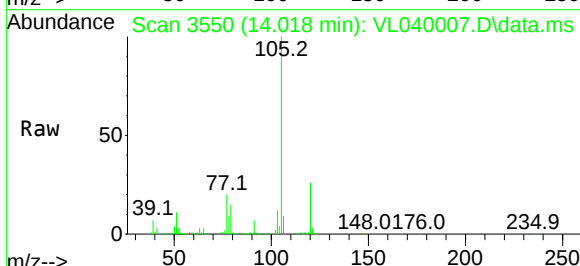
Acq: 13 Dec 2022 15:29

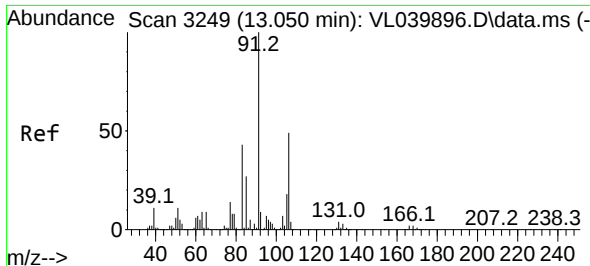
Tgt Ion:105 Resp: 4071838

Ion Ratio Lower Upper

105 100

120 25.8 21.4 32.2

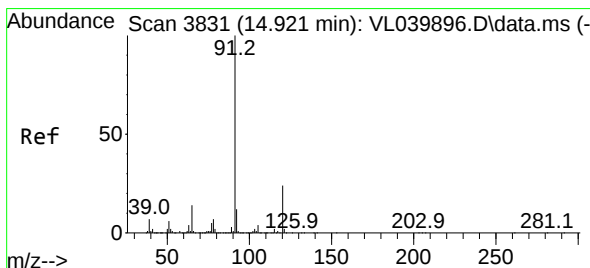
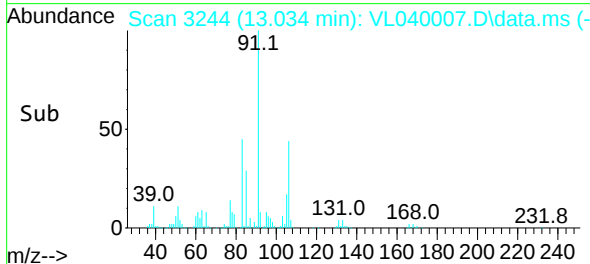
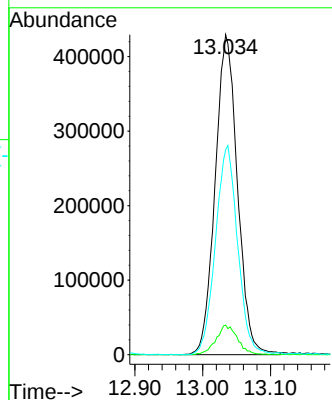
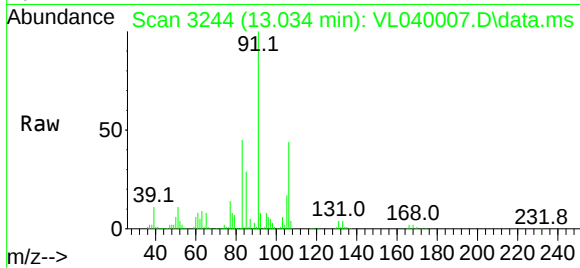




#63
1,1,2,2-Tetrachloroethane
Concen: 9.004 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

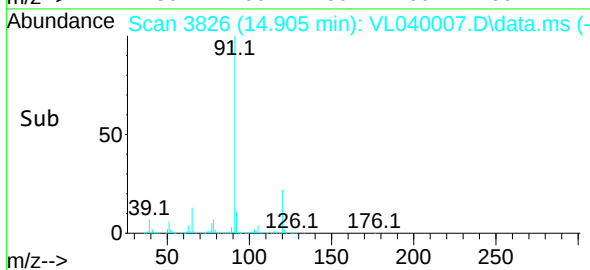
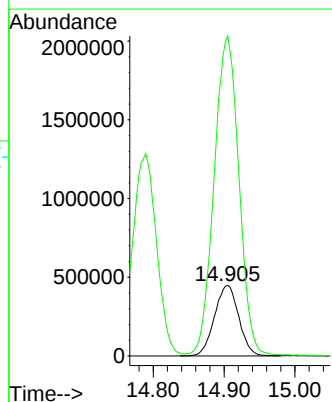
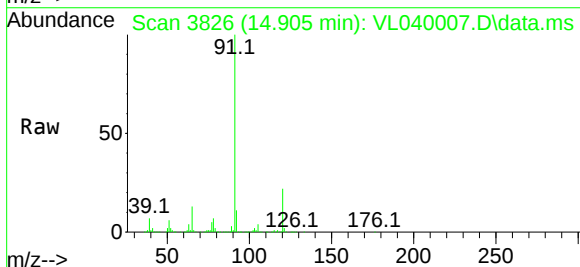
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

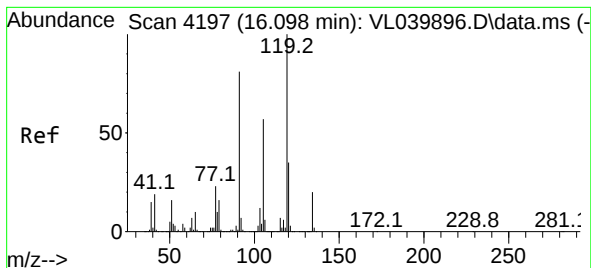
Tgt Ion: 83 Resp: 981419
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.3 33.0 99.0



#64
n-propylbenzene
Concen: 8.659 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.026 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion:120 Resp: 1066268
Ion Ratio Lower Upper
120 100
91 464.0 353.7 530.5





#65

tert-Butylbenzene

Concen: 8.497 ppbv

RT: 16.079 min Scan# 4197

Delta R.T. 0.023 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_1

ClientSampleId :

VL1213ABS01

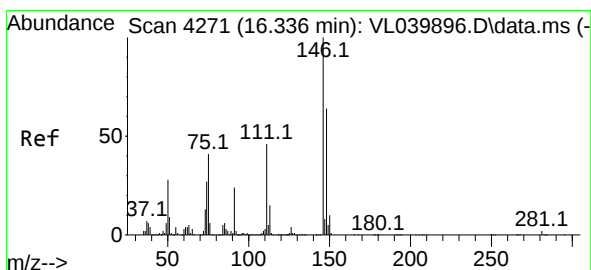
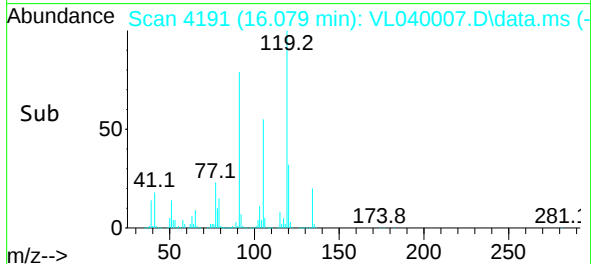
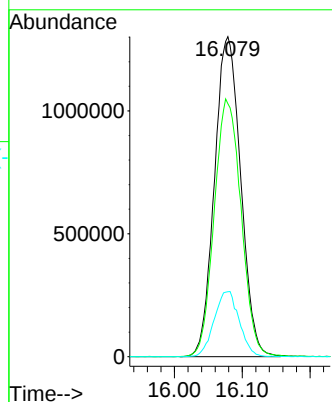
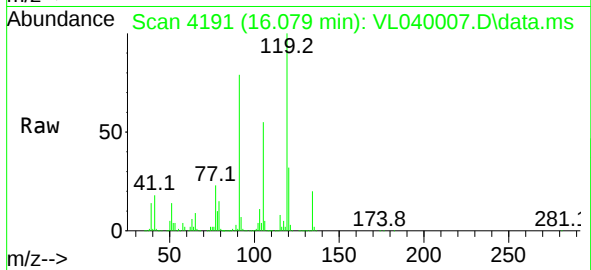
Tgt Ion:119 Resp: 3499110

Ion Ratio Lower Upper

119 100

91 82.5 65.8 98.8

134 19.5 16.1 24.1



#66

Benzyl Chloride

Concen: 6.265 ppbv

RT: 16.313 min Scan# 4264

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

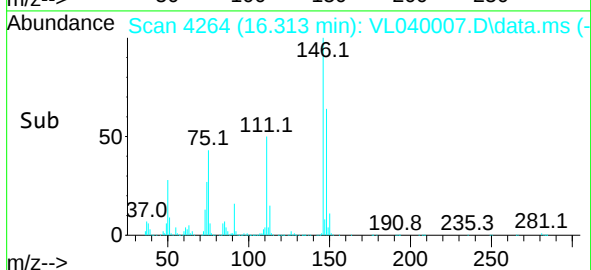
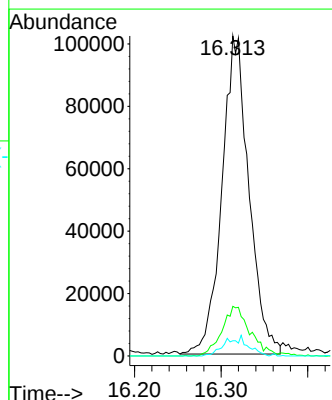
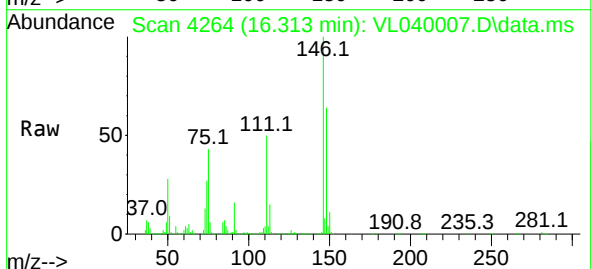
Tgt Ion: 91 Resp: 221086

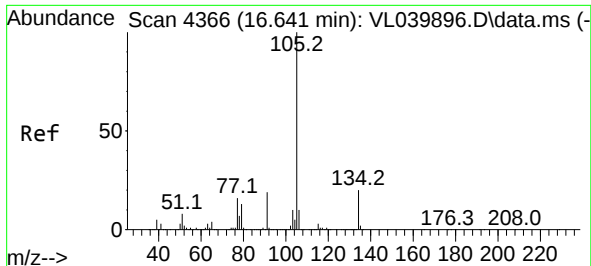
Ion Ratio Lower Upper

91 100

126 16.6 15.0 22.6

128 5.5 4.6 7.0





#67

sec-Butylbenzene

Concen: 8.527 ppbv

RT: 16.625 min Scan# 41

Delta R.T. 0.023 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_1

ClientSampleId :

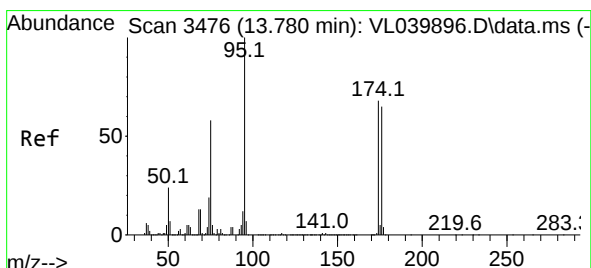
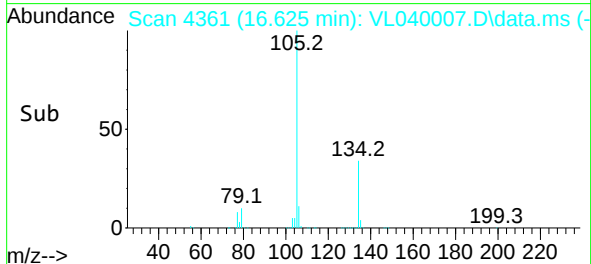
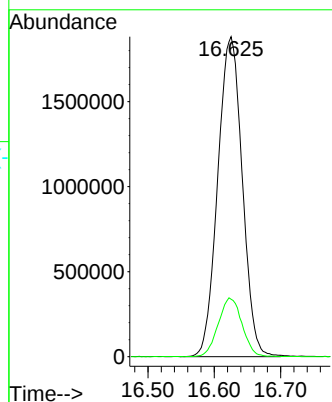
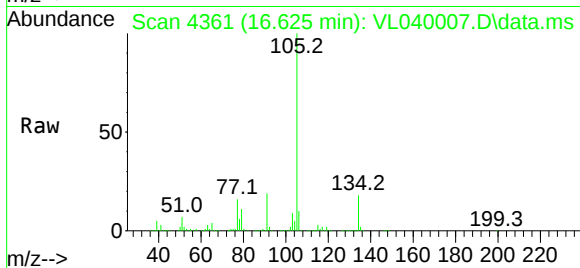
VL1213ABS01

Tgt Ion:105 Resp: 4828260

Ion Ratio Lower Upper

105 100

134 17.9 15.0 22.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.703 ppbv

RT: 13.760 min Scan# 3470

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

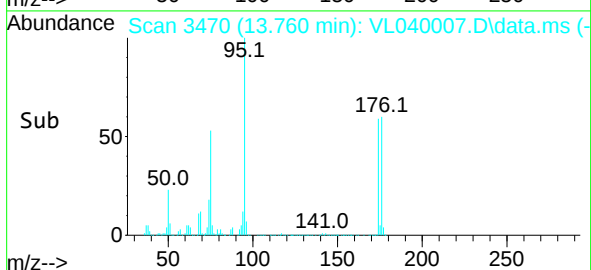
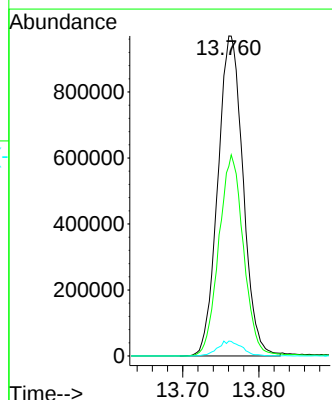
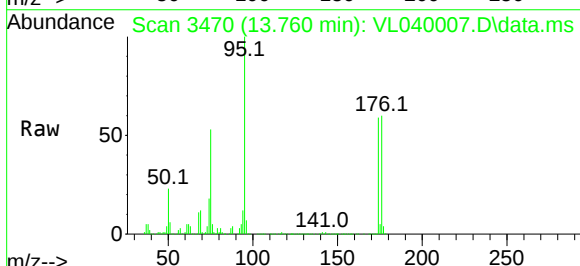
Tgt Ion: 95 Resp: 2234233

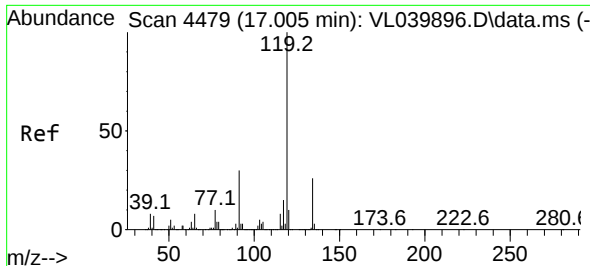
Ion Ratio Lower Upper

95 100

174 61.8 53.7 80.5

175 4.5 4.0 6.0

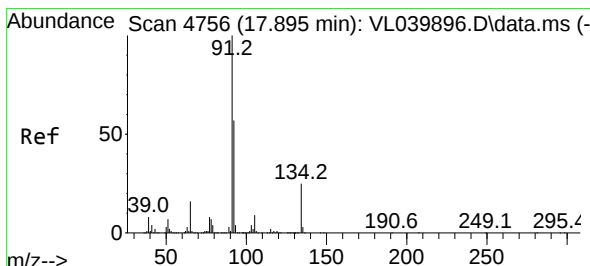
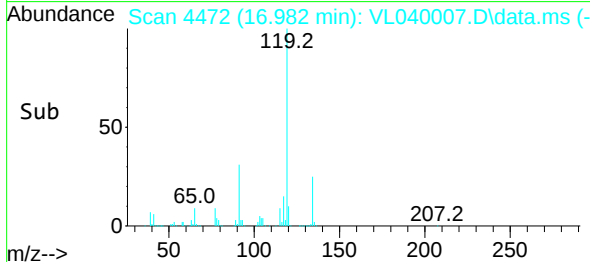
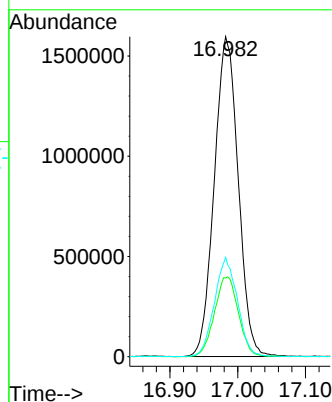
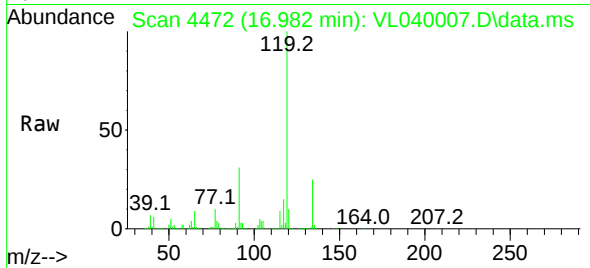




#69
p-Isopropyltoluene
Concen: 8.391 ppbv
RT: 16.982 min Scan# 4479
Delta R.T. 0.016 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

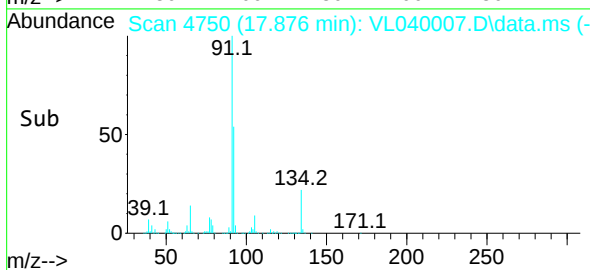
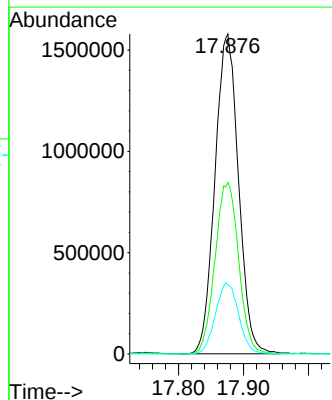
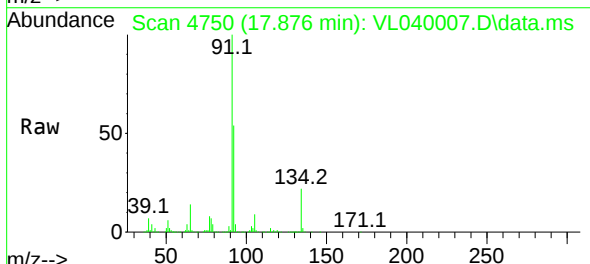
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

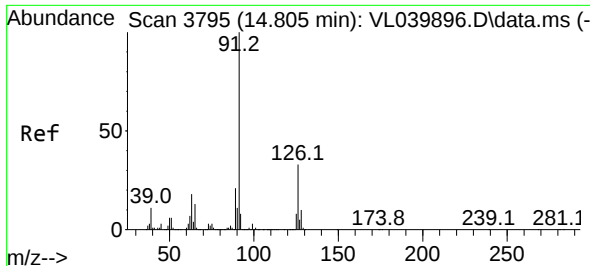
Tgt Ion:119 Resp: 3913829
Ion Ratio Lower Upper
119 100
134 25.1 21.0 31.4
91 29.8 24.4 36.6



#70
n-Butylbenzene
Concen: 8.584 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 91 Resp: 3969441
Ion Ratio Lower Upper
91 100
92 53.9 44.2 66.2
134 22.0 18.8 28.2

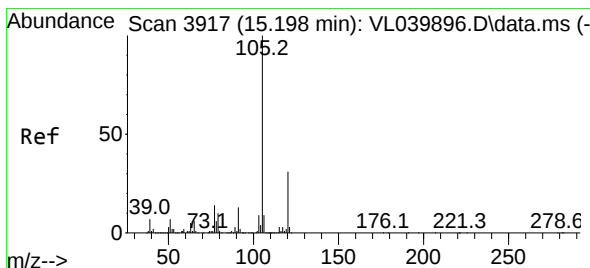
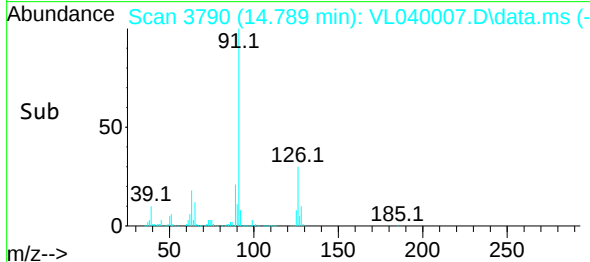
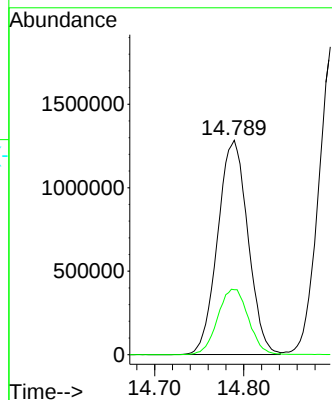
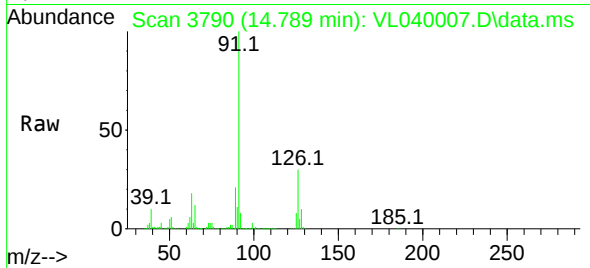




#71
2-Chlorotoluene
Concen: 8.502 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

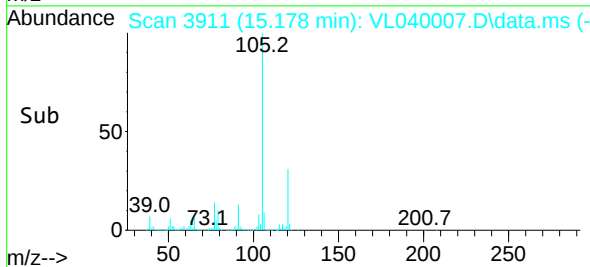
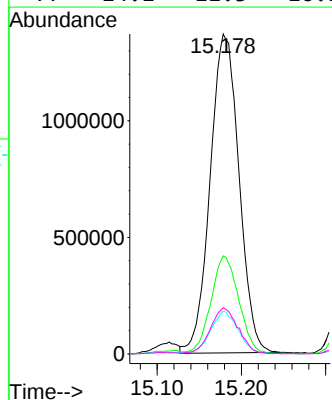
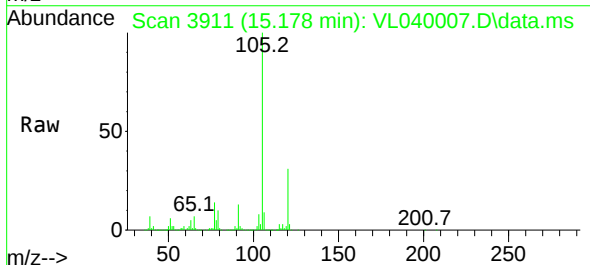
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

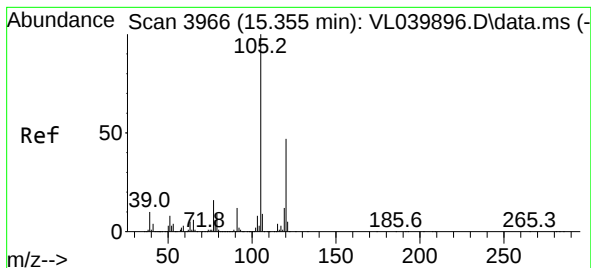
Tgt Ion: 91 Resp: 3033597
Ion Ratio Lower Upper
91 100
126 31.2 12.8 51.0



#72
4-Ethyltoluene
Concen: 8.865 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. 0.016 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion: 105 Resp: 3252978
Ion Ratio Lower Upper
105 100
120 30.8 24.5 36.7
91 12.8 10.4 15.6
77 14.1 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 8.497 ppbv

RT: 15.339 min Scan# 3966

Delta R.T. 0.019 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

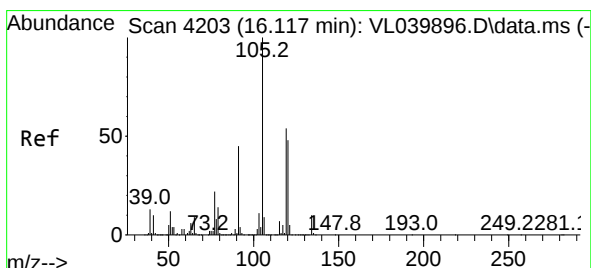
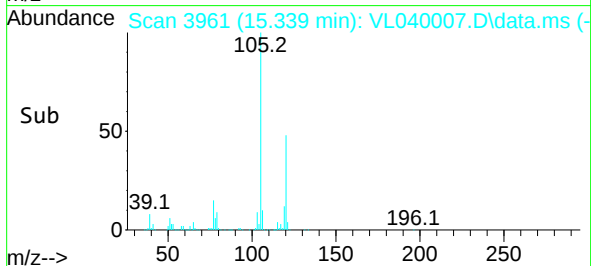
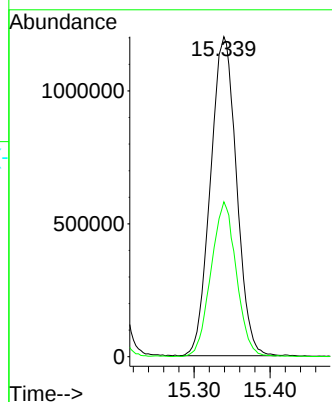
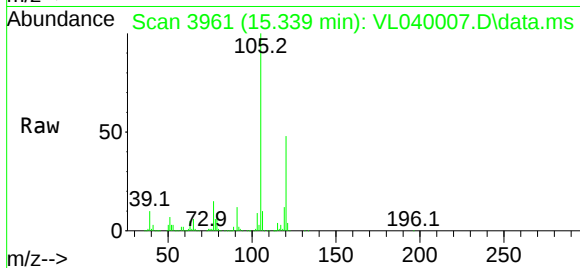
VL1213ABS01

Tgt Ion:105 Resp: 2854112

Ion Ratio Lower Upper

105 100

120 48.4 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 8.516 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.023 min

Lab File: VL040007.D

Acq: 13 Dec 2022 15:29

Tgt Ion:105 Resp: 3028510

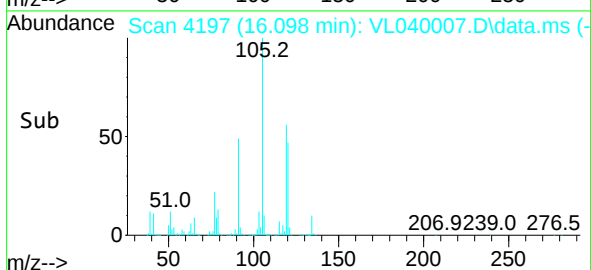
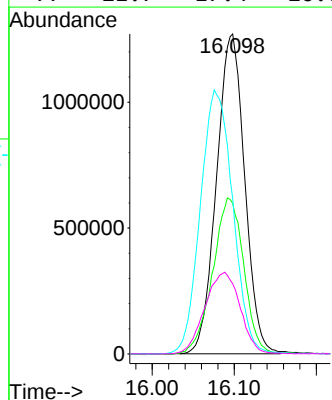
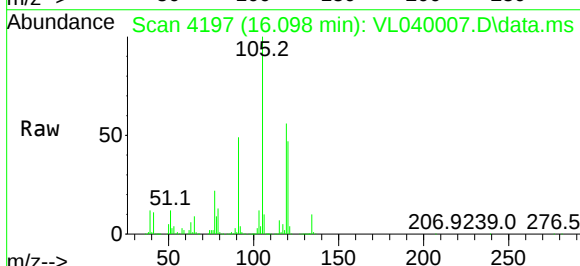
Ion Ratio Lower Upper

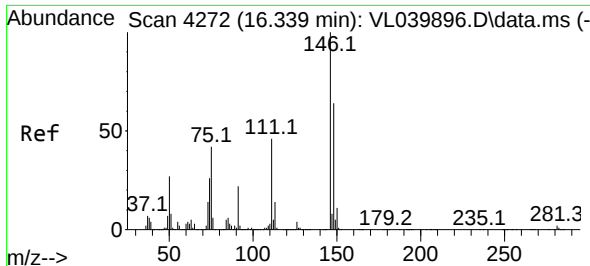
105 100

120 46.8 38.7 58.1

91 48.2 36.4 54.6

77 21.7 17.4 26.0

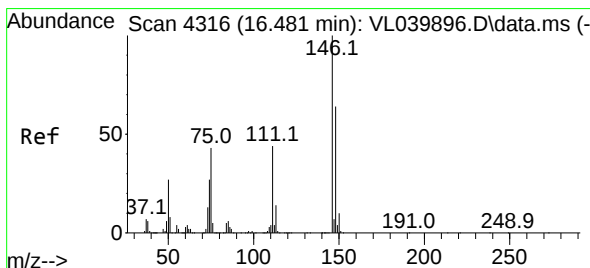
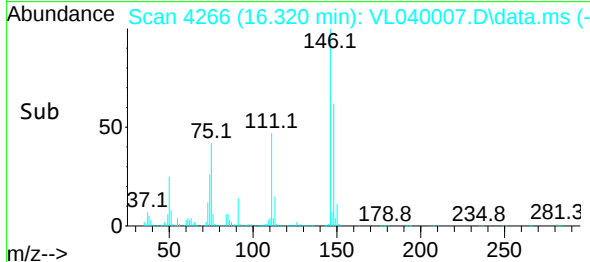
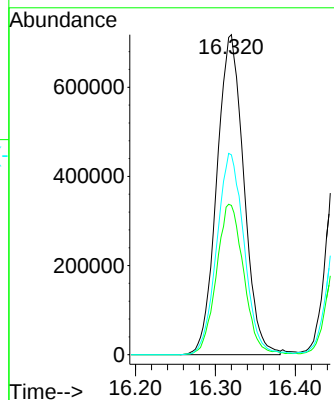
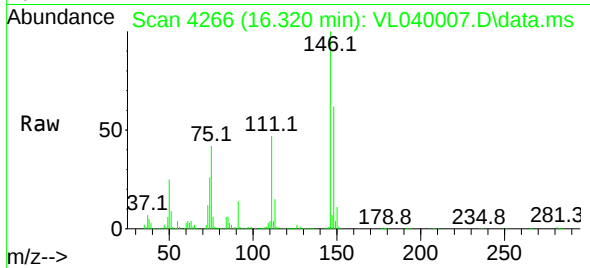




#75
1,3-Dichlorobenzene
Concen: 8.407 ppbv
RT: 16.320 min Scan# 4310
Delta R.T. 0.019 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

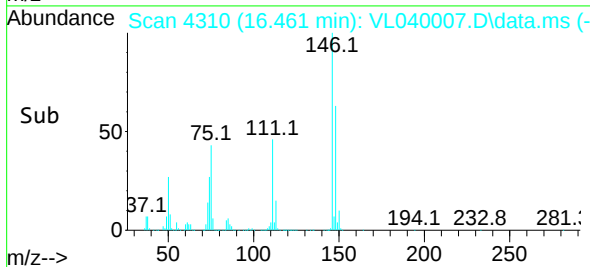
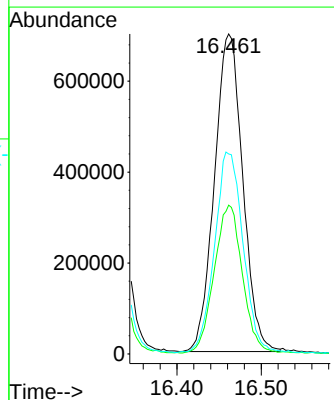
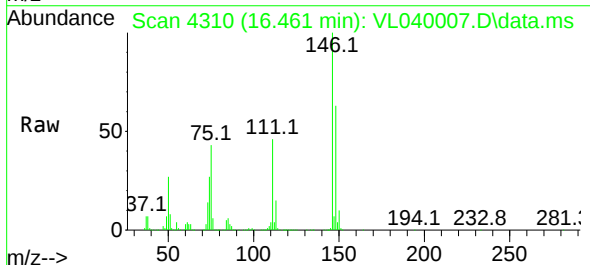
Instrument :
MSVOA_1
ClientSampleId :
VL1213ABS01

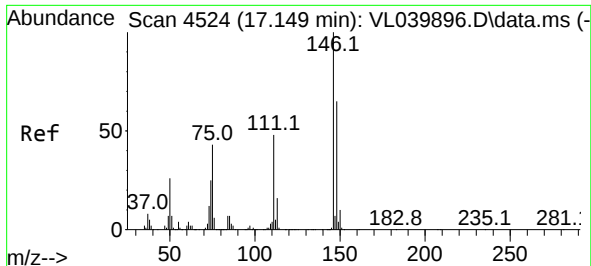
Tgt Ion:146 Resp: 1682060
Ion Ratio Lower Upper
146 100
111 47.7 23.3 69.9
148 63.8 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 8.220 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion:146 Resp: 1630471
Ion Ratio Lower Upper
146 100
111 47.4 22.4 67.3
148 64.9 32.3 96.9

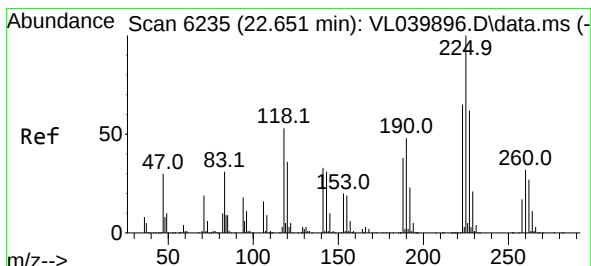
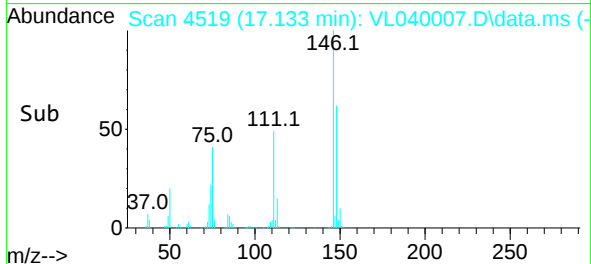
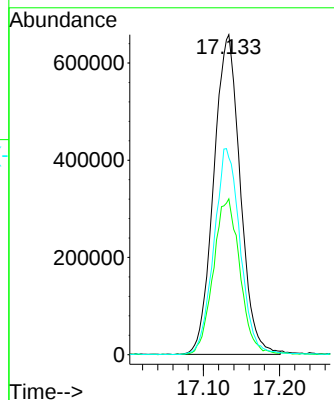
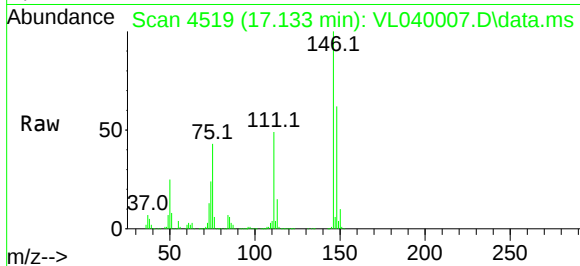




#77
 1,2-Dichlorobenzene
 Concen: 8.232 ppbv
 RT: 17.133 min Scan# 4519
 Delta R.T. 0.023 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

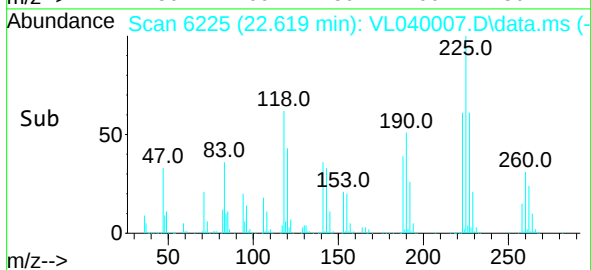
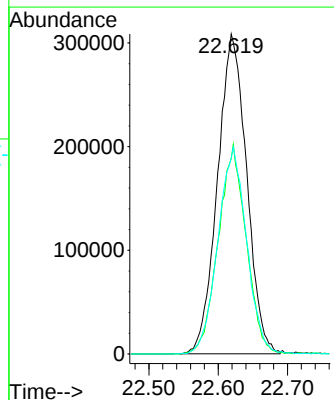
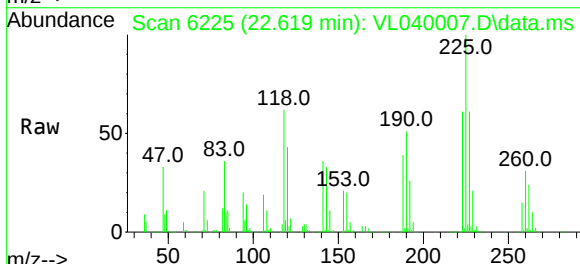
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1213ABS01

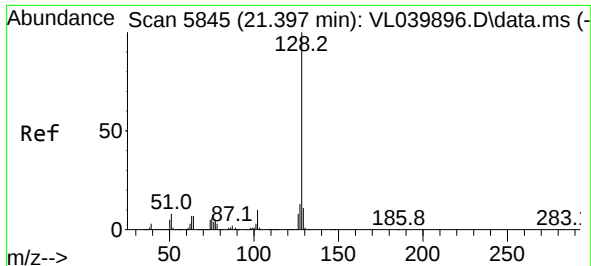
Tgt Ion:146 Resp: 1587950
 Ion Ratio Lower Upper
 146 100
 111 49.2 24.1 72.3
 148 64.1 32.4 97.2



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.730 ppbv
 RT: 22.619 min Scan# 6225
 Delta R.T. 0.019 min
 Lab File: VL040007.D
 Acq: 13 Dec 2022 15:29

Tgt Ion:225 Resp: 900797
 Ion Ratio Lower Upper
 225 100
 223 62.9 50.7 76.1
 227 64.0 50.8 76.2

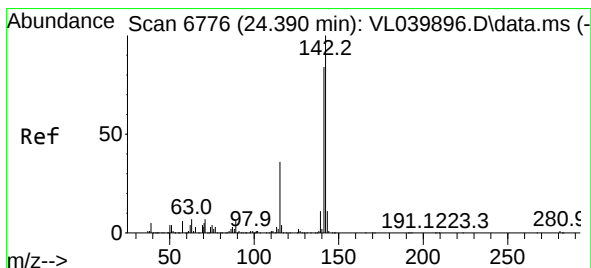
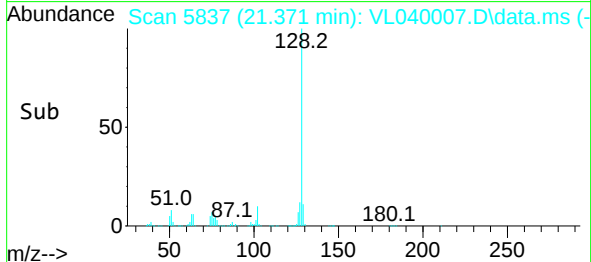
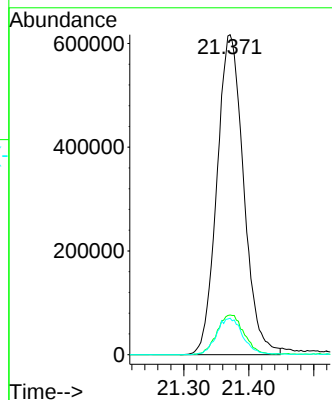
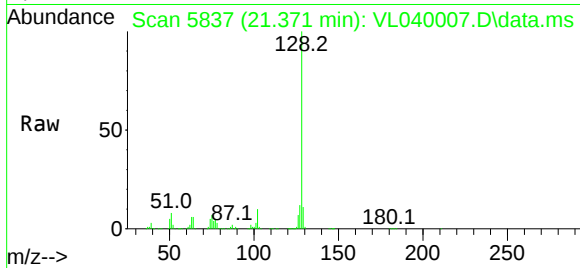




#79
Naphthalene
Concen: 8.257 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.023 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

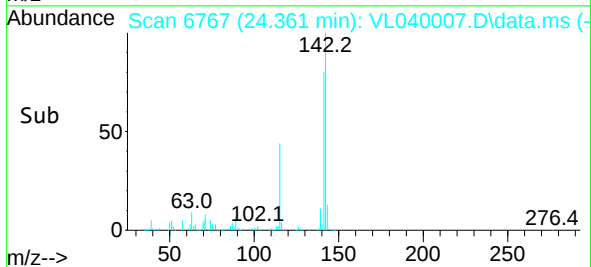
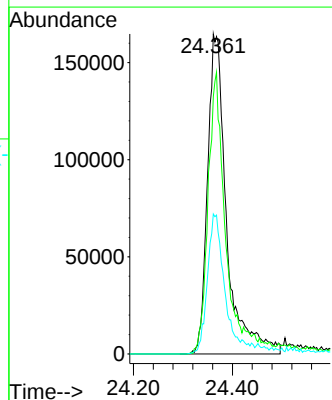
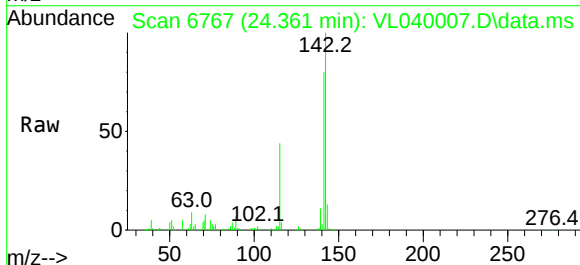
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABS01

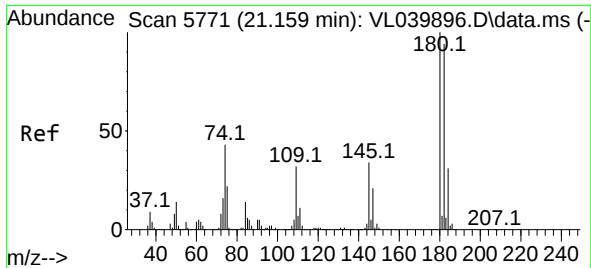
Tgt Ion:128 Resp: 1757314
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.4 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 7.374 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. 0.013 min
Lab File: VL040007.D
Acq: 13 Dec 2022 15:29

Tgt Ion:142 Resp: 441440
Ion Ratio Lower Upper
142 100
141 81.9 69.1 103.7
115 42.5 29.6 44.4





#81

1,2,4-Trichlorobenzene

Concen: 4.092 ppbv

RT: 21.127 min Scan# 51

Delta R.T. 0.019 min

Lab File: VL040007.D

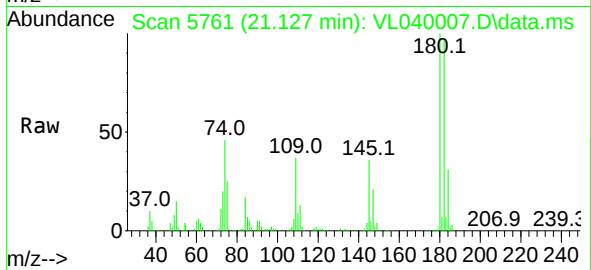
Acq: 13 Dec 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

VL1213ABS01



Tgt Ion:180 Resp: 537788

Ion Ratio Lower Upper

180 100

182 178.9 77.0 115.6#

184 56.3 25.2 37.8#

