

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039922.D
 Acq On : 22 Nov 2022 18:12
 Operator : SY/AP
 Sample : VL1122ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1122ABS01

Quant Time: Nov 23 04:50:00 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 : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1059576	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.636	114	2956433	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2882122	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2187410	9.936	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	1693875	11.162	ppbv	98
3) Chlorodifluoromethane	2.652	51	1360527	9.305	ppbv	97
4) Chloromethane	2.790	50	867291	9.282	ppbv	97
5) Vinyl Chloride	2.899	62	720769	9.872	ppbv	100
6) Bromomethane	3.095	94	265634	10.666	ppbv	96
7) Chloroethane	3.176	64	272630	9.447	ppbv	94
8) Dichlorotetrafluoroethane	2.835	85	1802952	10.405	ppbv	100
9) Propene	2.671	41	586108	8.510	ppbv	95
10) Heptane	7.562	43	1501120	9.032	ppbv	98
11) Trichlorofluoromethane	3.539	101	1881838	10.167	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.044	101	1390911	9.929	ppbv	96
13) Ethanol	3.221	45	16235	3.087	ppbv #	1
14) Bromoethene	3.343	108	566123	10.362	ppbv	98
15) Acetone	3.446	43	1455109	10.354	ppbv	99
16) 1,3-Butadiene	2.960	39	674653	9.632	ppbv	99
17) tert-Butyl alcohol	3.854	59	1464734	9.065	ppbv	100
18) 1,1-Dichloroethene	3.858	96	622566	9.742	ppbv	97
19) Isopropyl Alcohol	3.552	45	710832	9.342	ppbv #	33
20) Methylene Chloride	3.912	84	526965	7.739	ppbv	96
21) Allyl Chloride	3.973	41	912930	9.365	ppbv	100
22) trans-1,2-Dichloroethene	4.423	96	667163	10.266	ppbv	98
23) Vinyl Acetate	4.603	43	559949	9.698	ppbv	99
24) 1,1-Dichloroethane	4.542	63	1315917	9.452	ppbv	98
25) Ethyl Acetate	5.185	43	2720849	10.544	ppbv	99
26) Hexane	5.195	57	1146393	10.170	ppbv	99
27) Carbon Disulfide	4.102	76	1512042	10.625	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	1285046	9.105	ppbv	98
29) Chloroform	5.256	83	1956258	13.059	ppbv	99
30) Cyclohexane	6.581	84	1041125	9.412	ppbv	95
31) cis-1,2-Dichloroethene	5.060	61	1017018	9.765	ppbv	97
32) 1,1,1-Trichloroethane	5.983	97	2004505	10.715	ppbv	99
34) 2-Butanone	4.767	43	1453480	10.275	ppbv	98
35) Carbon Tetrachloride	6.475	117	2077899	12.376	ppbv	99
36) Benzene	6.353	78	2561454	10.193	ppbv	100
37) 1,2-Dichloroethane	5.787	62	1528788	11.101	ppbv	99
38) Trichloroethene	7.275	130	1461136	10.401	ppbv	97
39) 1,2-Dichloropropane	7.057	63	967413	9.881	ppbv	93
40) 1,4-Dioxane	7.266	88	423976	10.870	ppbv	83
41) Tetrahydrofuran	5.539	42	961574	9.846	ppbv	96
42) Bromodichloromethane	7.234	83	2189460	11.723	ppbv	98
43) Methyl Methacrylate	7.459	69	1044640	10.603	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	4161741	9.920	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	1023472	11.244	ppbv	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1369539	10.861	ppbv	96
47) 1,1,2-Trichloroethane	8.883	97	1056841	10.503	ppbv	97
48) Dibromochloromethane	9.697	129	1819921	12.348	ppbv	100
49) Bromoform	12.397	173	1464692	12.277	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2579487	10.181	ppbv	99
51) 2-Hexanone	9.536	43	2088503	10.619	ppbv #	98
52) Tetrachloroethene	10.600	164	914258	9.725	ppbv	96
53) Toluene	9.208	91	2947345	10.296	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1245000	11.594	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	1291828	10.965	ppbv	96
57) Chlorobenzene	11.513	112	2288256	10.384	ppbv	98
58) Ethyl Benzene	12.079	91	4009415	10.254	ppbv	98
59) m/p-Xylene	12.359	91	3313698	10.126	ppbv #	30
60) o-Xylene	13.047	91	3236982	10.372	ppbv	98
61) Styrene	12.886	104	1975074	10.602	ppbv	99
62) Isopropylbenzene	14.018	105	4632562	10.294	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	1118351	10.732	ppbv	100
64) n-propylbenzene	14.905	120	1240691	10.538	ppbv	94
65) tert-Butylbenzene	16.079	119	4101636	10.418	ppbv	99
66) Benzyl Chloride	16.323	91	353343	10.473	ppbv	98
67) sec-Butylbenzene	16.626	105	5708025	10.544	ppbv	98
69) p-Isopropyltoluene	16.986	119	4759470	10.673	ppbv	99
70) n-Butylbenzene	17.876	91	4902561	11.089	ppbv	98
71) 2-Chlorotoluene	14.793	91	3566504	10.455	ppbv	99
72) 4-Ethyltoluene	15.182	105	3827583	10.911	ppbv	98
73) 1,3,5-Trimethylbenzene	15.339	105	3418251	10.644	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3620705	10.650	ppbv	94
75) 1,3-Dichlorobenzene	16.323	146	2071560	10.830	ppbv	98
76) 1,4-Dichlorobenzene	16.465	146	2040221	10.759	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	1979772	10.735	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	580568	4.537	ppbv #	19
79) Naphthalene	21.371	128	2804795	13.784	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1007721	17.609	ppbv	94
81) 1,2,4-Trichlorobenzene	21.130	180	1493485	11.885	ppbv	99

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

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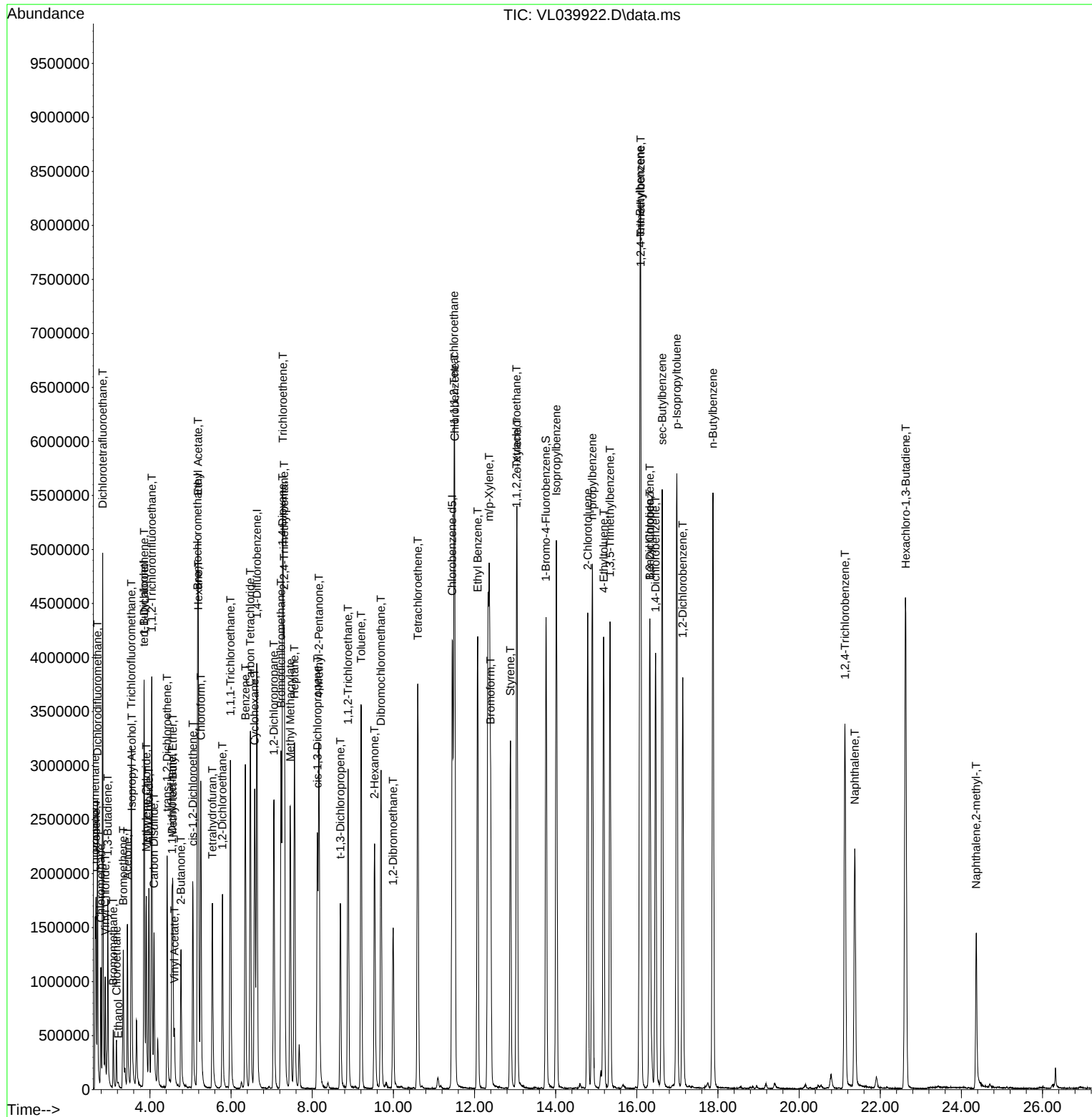
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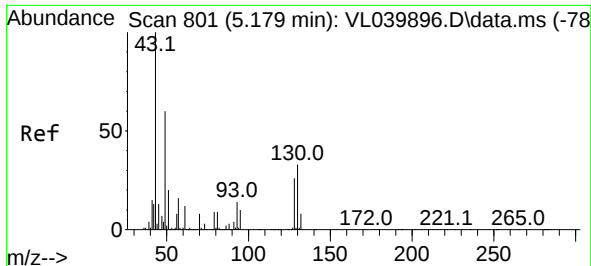
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

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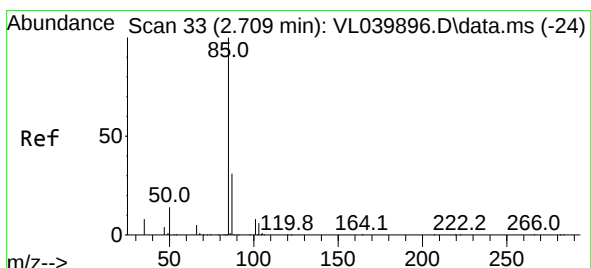
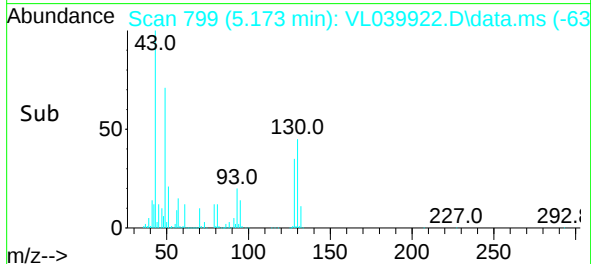
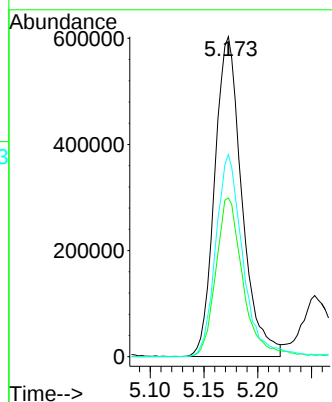
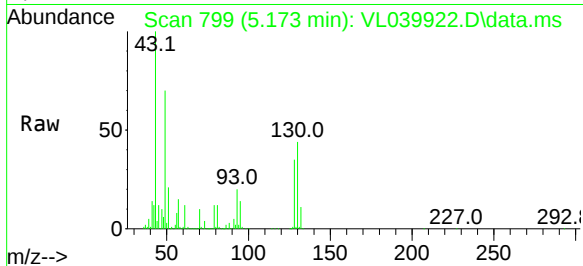




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.173 min Scan# 79
 Delta R.T. 0.017 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

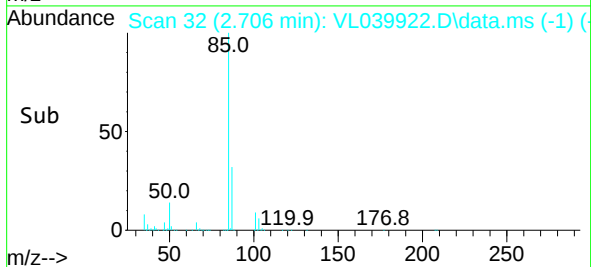
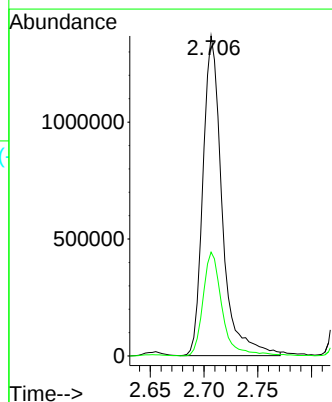
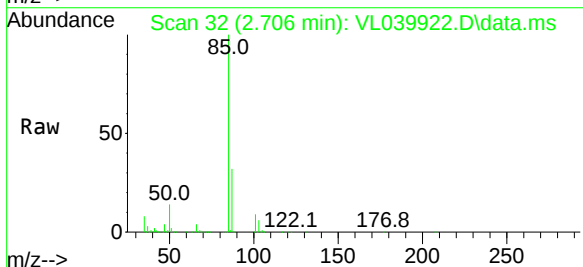
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1122ABS01

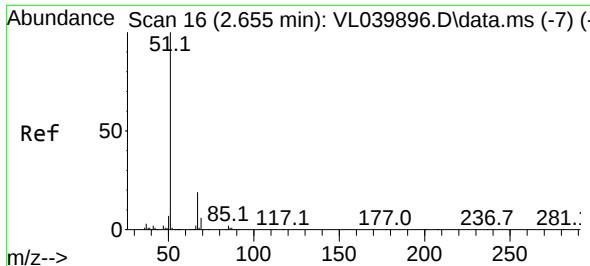
Tgt Ion: 49 Resp: 1059576
 Ion Ratio Lower Upper
 49 100
 128 49.9 22.1 66.3
 130 63.7 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 11.162 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. 0.010 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 85 Resp: 1693875
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.0 37.4

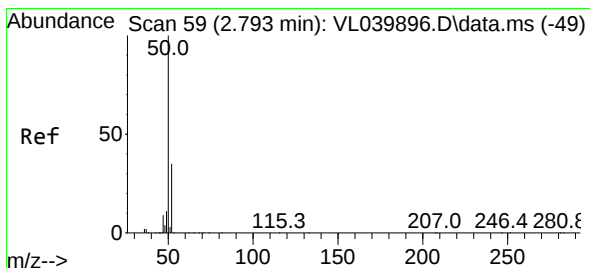
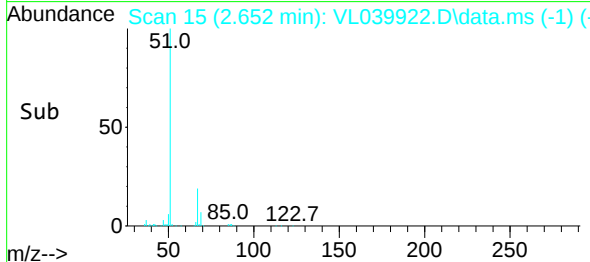
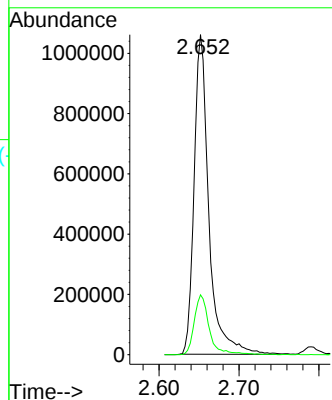
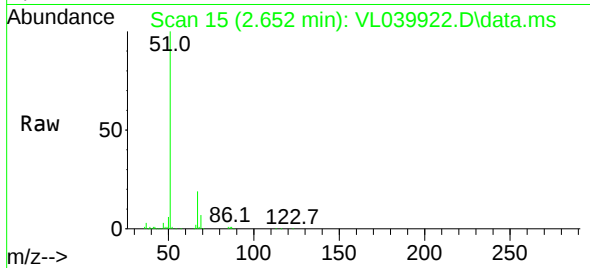




#3
Chlorodifluoromethane
Concen: 9.305 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

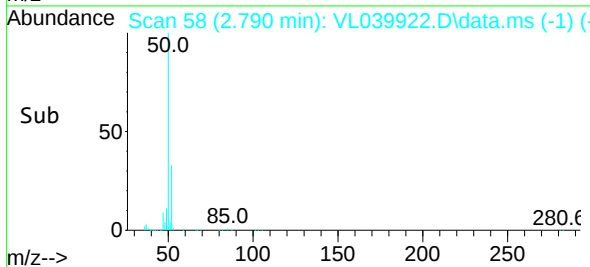
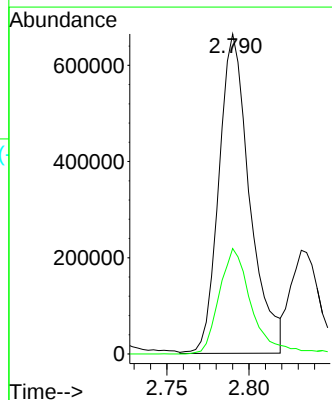
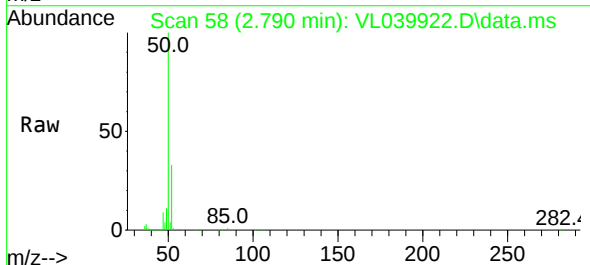
Instrument :
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ClientSampleId :
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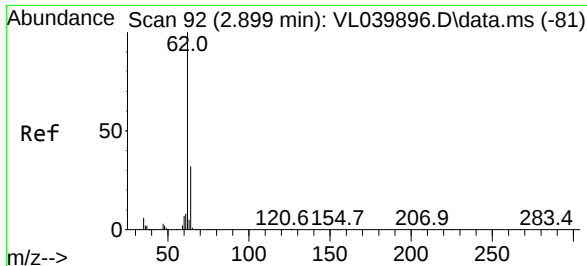
Tgt Ion: 51 Resp: 1360527
Ion Ratio Lower Upper
51 100
67 19.2 14.2 21.4



#4
Chloromethane
Concen: 9.282 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 50 Resp: 867291
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.8

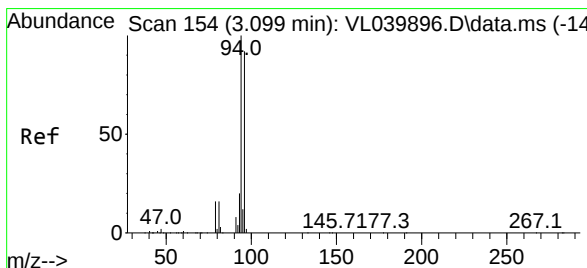
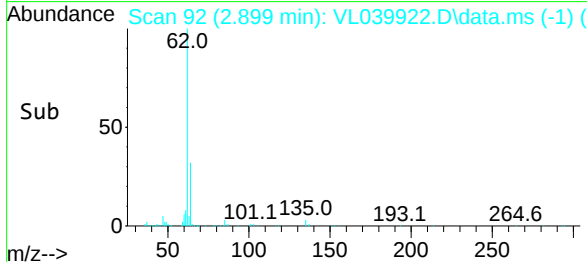
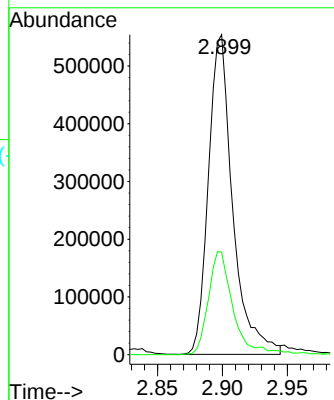
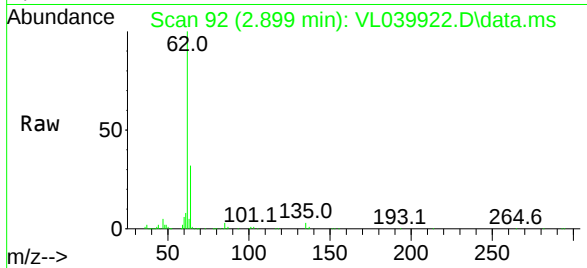




#5
 Vinyl Chloride
 Concen: 9.872 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

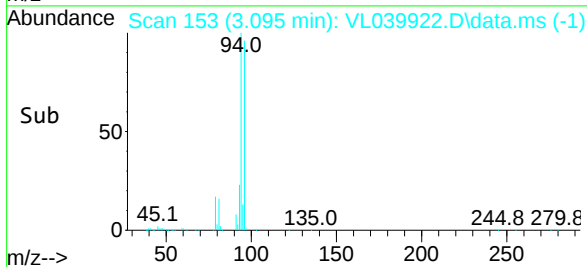
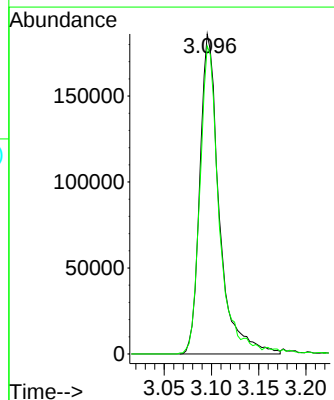
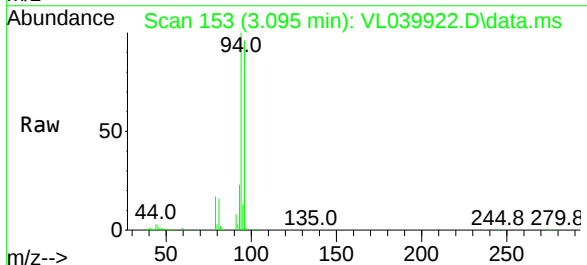
Instrument :
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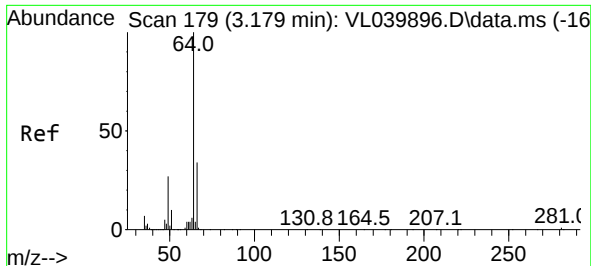
Tgt Ion: 62 Resp: 720769
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.7 38.5



#6
 Bromomethane
 Concen: 10.666 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.010 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 94 Resp: 265634
 Ion Ratio Lower Upper
 94 100
 96 95.9 73.7 110.5

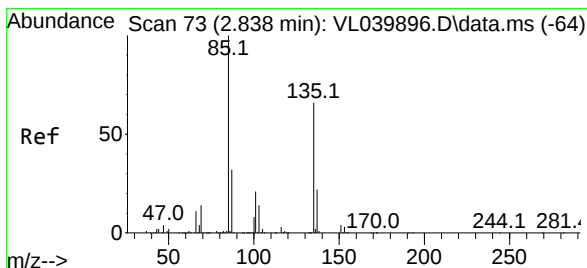
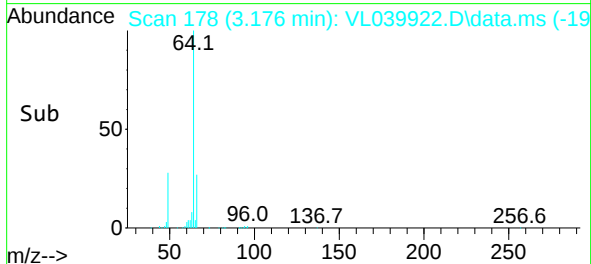
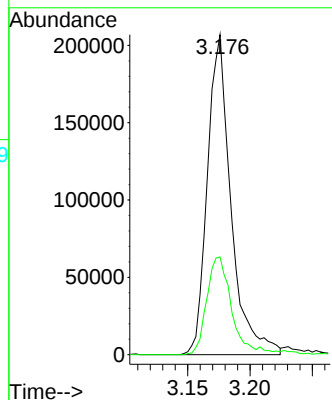
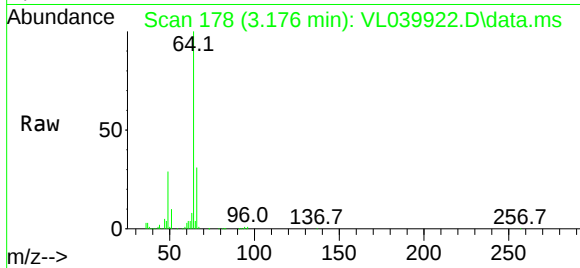




#7
Chloroethane
Concen: 9.447 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

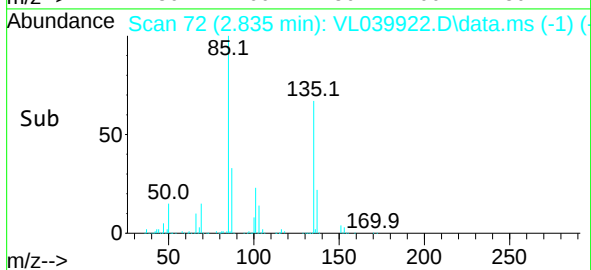
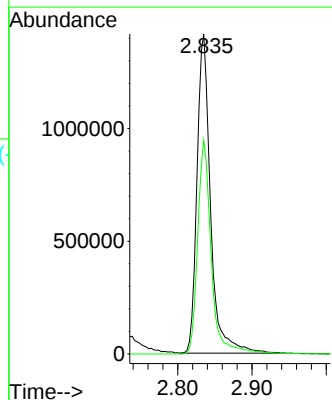
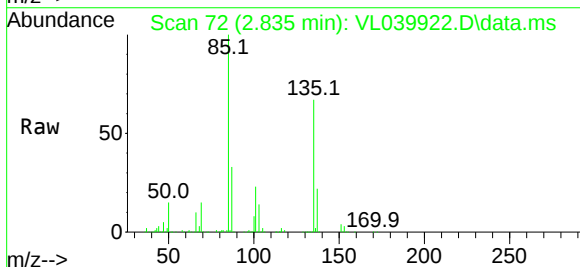
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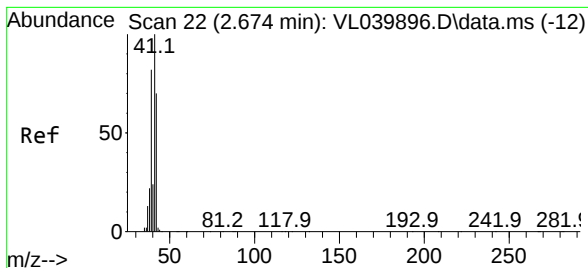
Tgt Ion: 64 Resp: 272630
Ion Ratio Lower Upper
64 100
66 30.6 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 10.405 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 85 Resp: 1802952
Ion Ratio Lower Upper
85 100
135 67.5 54.1 81.1





#9

Propene

Concen: 8.510 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

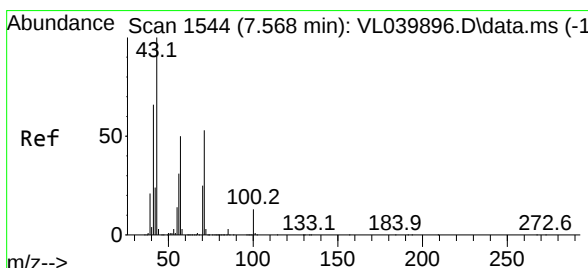
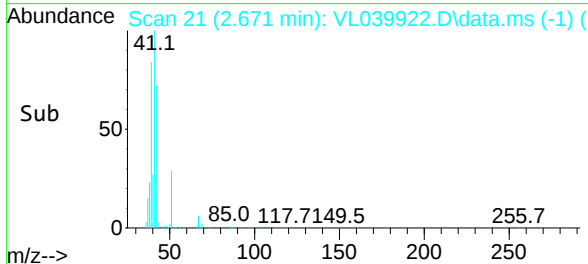
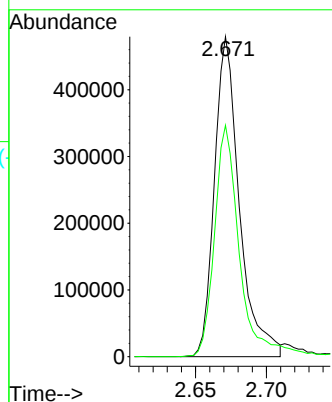
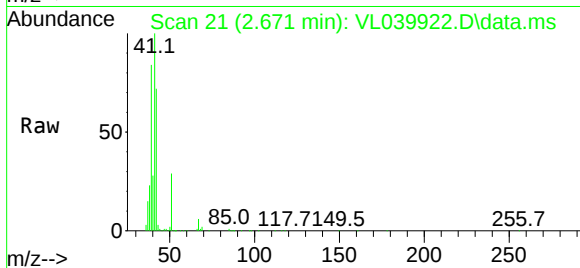
VL1122ABS01

Tgt Ion: 41 Resp: 586108

Ion Ratio Lower Upper

41 100

42 73.5 55.8 83.6



#10

Heptane

Concen: 9.032 ppbv

RT: 7.562 min Scan# 1542

Delta R.T. 0.016 min

Lab File: VL039922.D

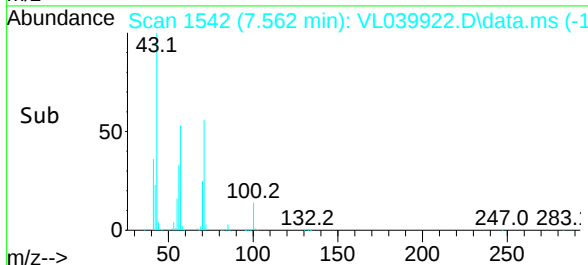
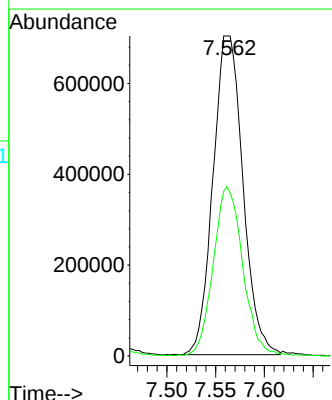
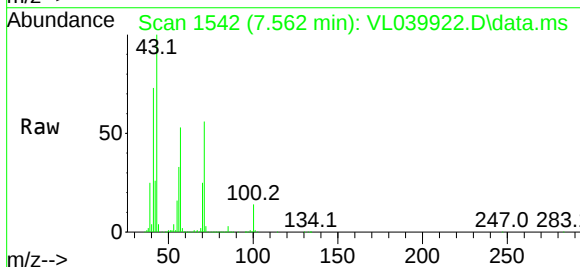
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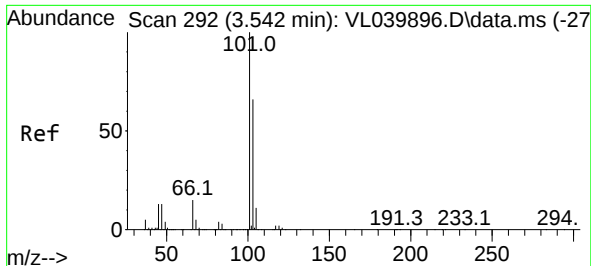
Tgt Ion: 43 Resp: 1501120

Ion Ratio Lower Upper

43 100

57 52.6 40.7 61.1

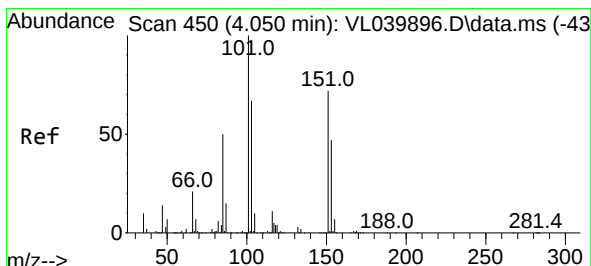
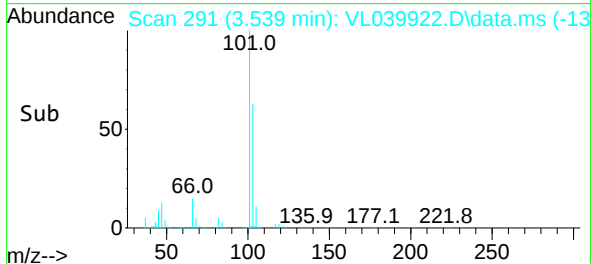
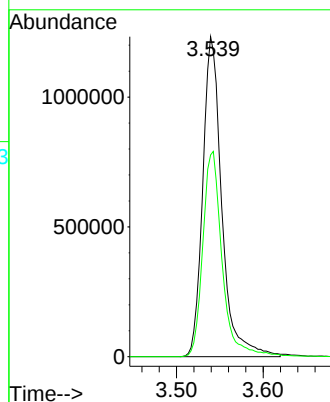
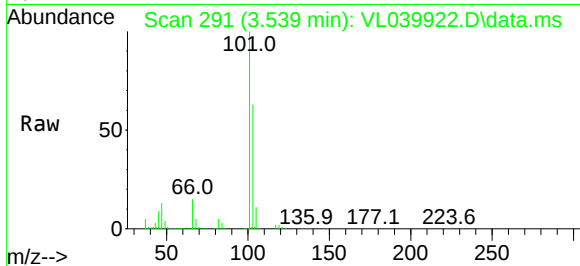




#11
 Trichlorofluoromethane
 Concen: 10.167 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

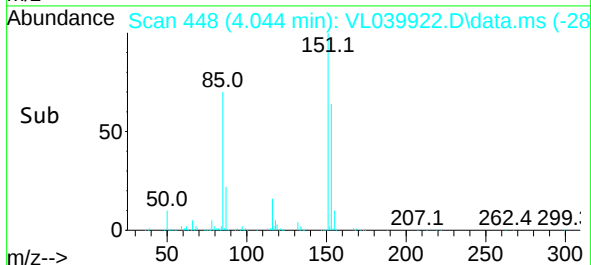
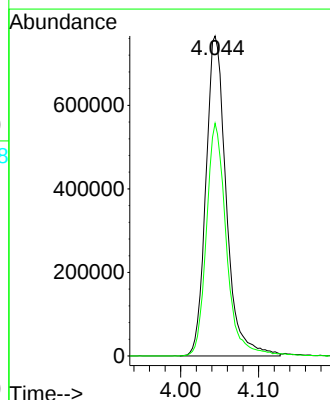
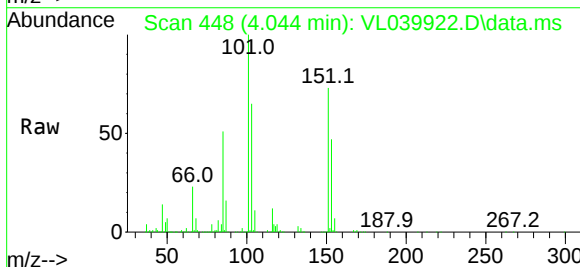
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1122ABS01

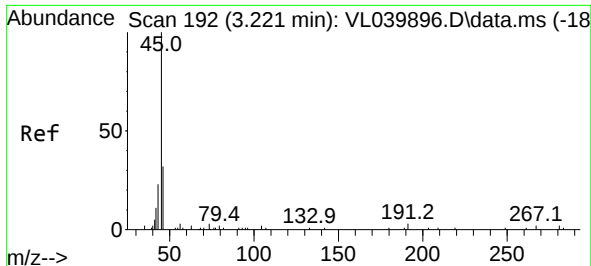
Tgt Ion:101 Resp: 1881838
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.929 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.010 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion:101 Resp: 1390911
 Ion Ratio Lower Upper
 101 100
 151 71.4 59.6 89.4

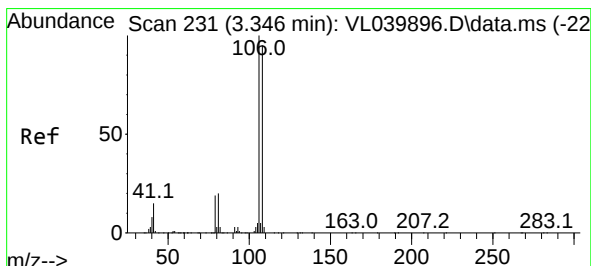
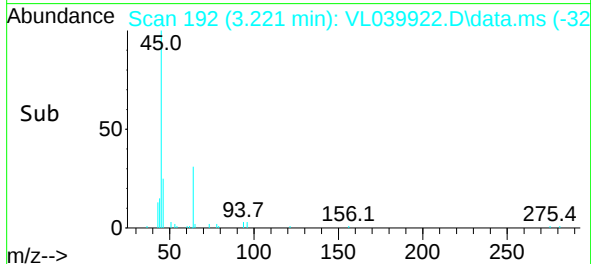
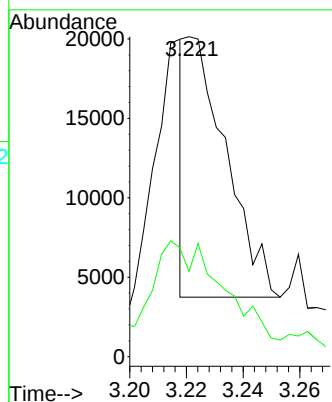
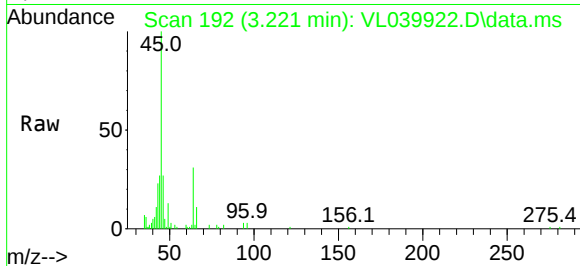




#13
 Ethanol
 Concen: 3.087 ppbv
 RT: 3.221 min Scan# 192
 Delta R.T. 0.013 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

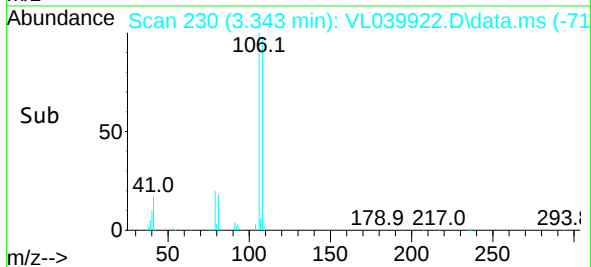
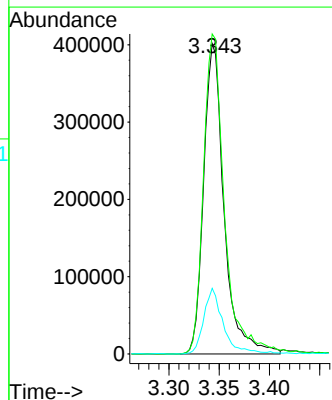
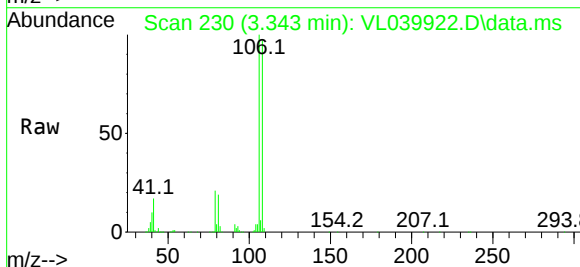
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1122ABS01

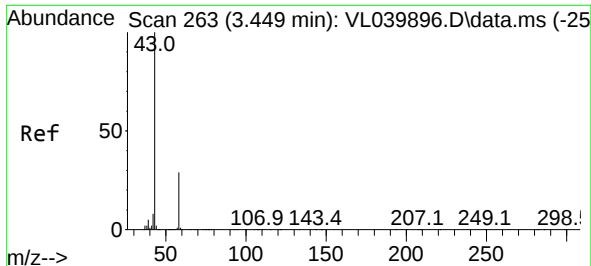
Tgt Ion: 45 Resp: 16235
 Ion Ratio Lower Upper
 45 100
 46 101.2 14.6 58.2#



#14
 Bromoethene
 Concen: 10.362 ppbv
 RT: 3.343 min Scan# 230
 Delta R.T. 0.010 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 108 Resp: 566123
 Ion Ratio Lower Upper
 108 100
 106 107.3 87.3 130.9
 79 20.9 15.9 23.9

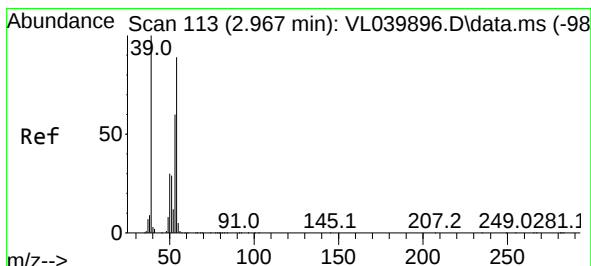
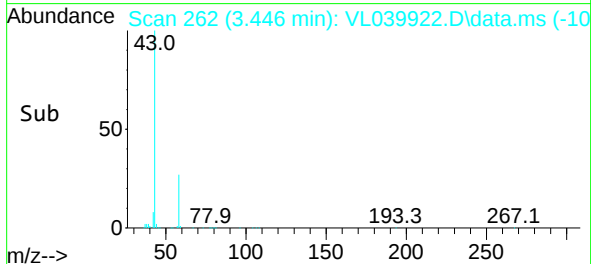
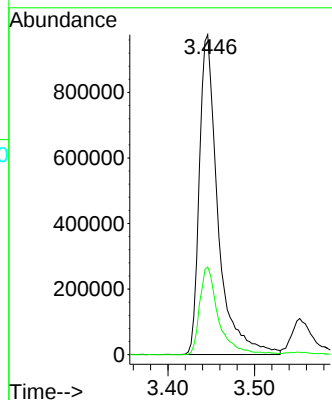
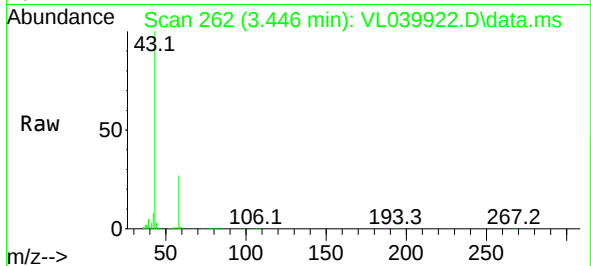




#15
Acetone
Concen: 10.354 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

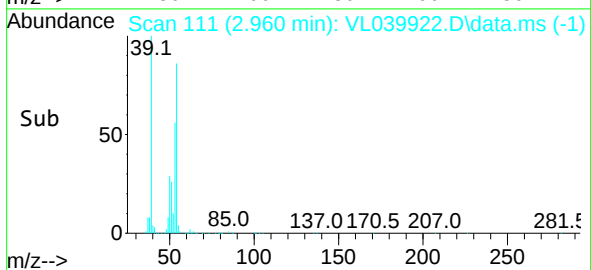
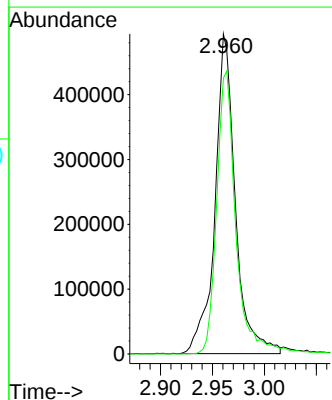
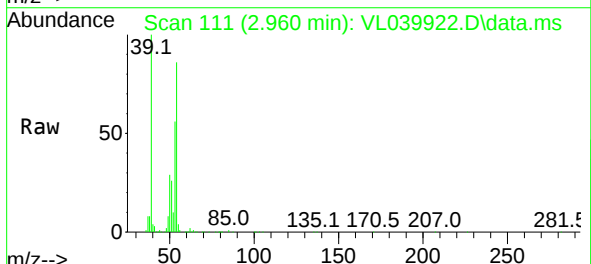
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

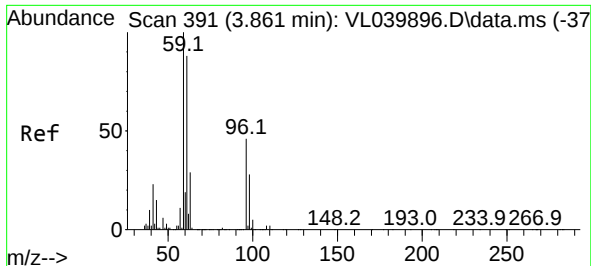
Tgt Ion: 43 Resp: 1455109
Ion Ratio Lower Upper
43 100
58 27.9 22.9 34.3



#16
1,3-Butadiene
Concen: 9.632 ppbv
RT: 2.960 min Scan# 111
Delta R.T. 0.007 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 39 Resp: 674653
Ion Ratio Lower Upper
39 100
54 84.1 66.6 99.8

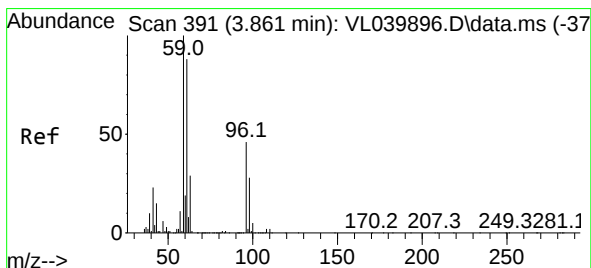
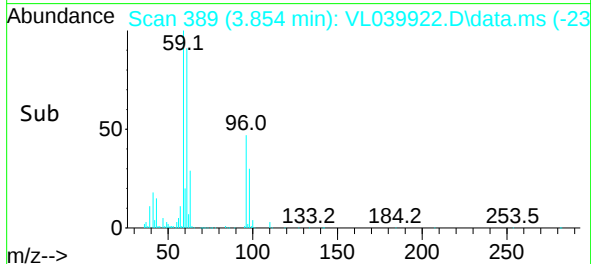
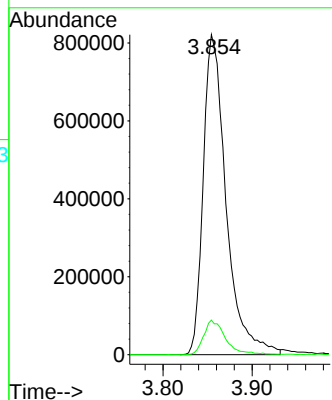
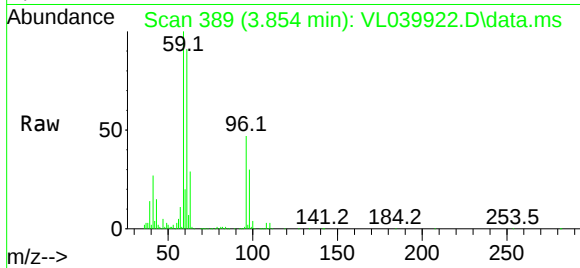




#17
 tert-Butyl alcohol
 Concen: 9.065 ppbv
 RT: 3.854 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

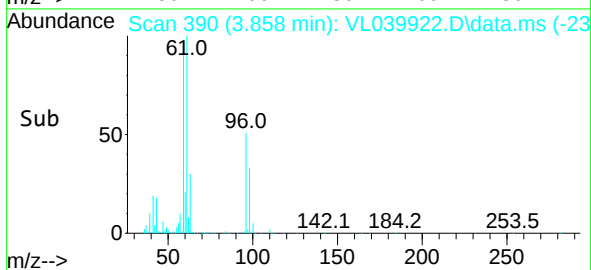
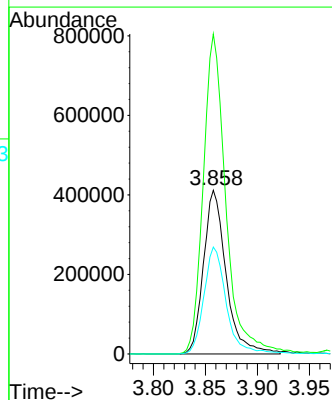
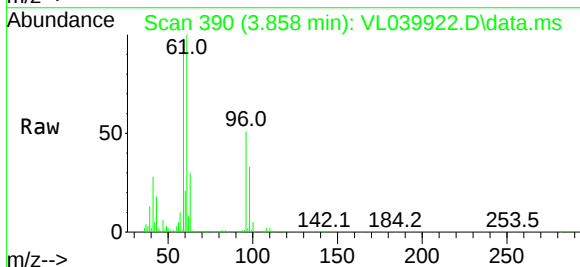
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1122ABS01

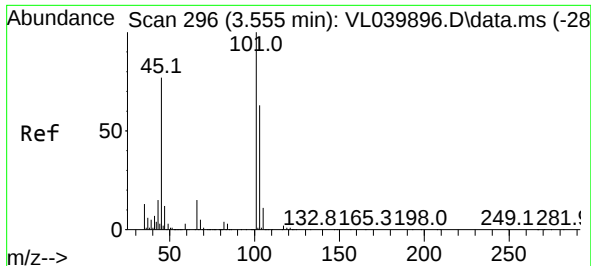
Tgt Ion: 59 Resp: 1464734
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5



#18
 1,1-Dichloroethene
 Concen: 9.742 ppbv
 RT: 3.858 min Scan# 390
 Delta R.T. 0.013 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 96 Resp: 622566
 Ion Ratio Lower Upper
 96 100
 61 195.3 153.4 230.2
 98 65.3 48.9 73.3

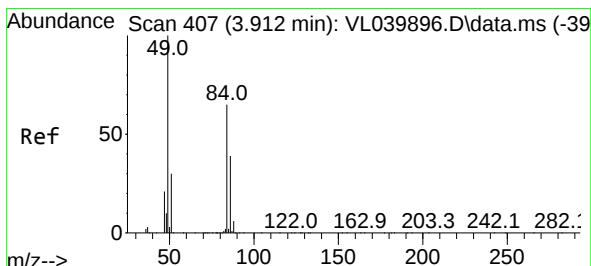
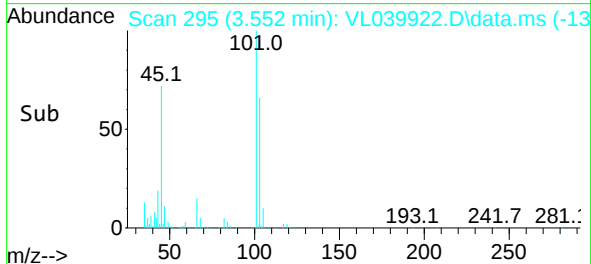
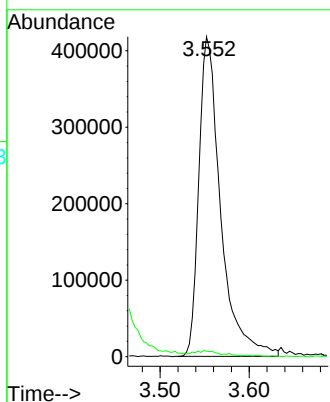
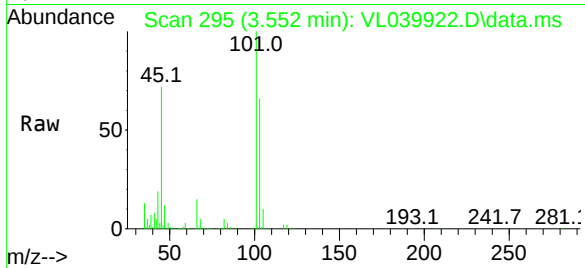




#19
Isopropyl Alcohol
Concen: 9.342 ppbv
RT: 3.552 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

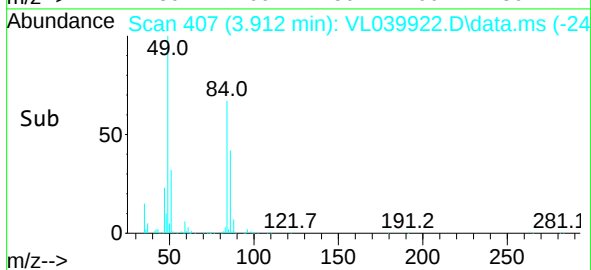
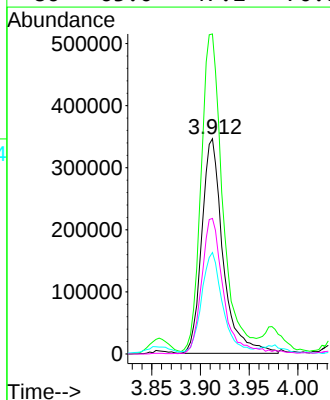
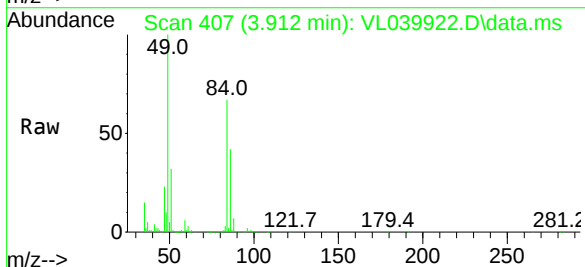
Instrument :
MSVOA_1
ClientSampleId :
VL1122ABS01

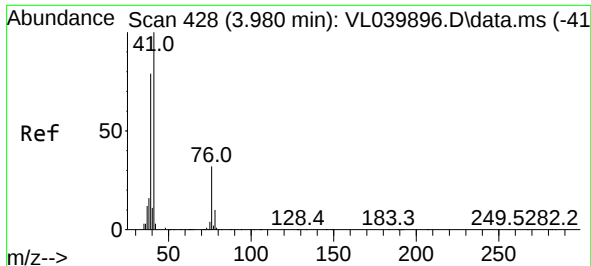
Tgt Ion: 45 Resp: 710832
Ion Ratio Lower Upper
45 100
58 2.9 38.7 58.1#



#20
Methylene Chloride
Concen: 7.739 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 84 Resp: 526965
Ion Ratio Lower Upper
84 100
49 147.6 122.2 183.4
51 46.3 36.3 54.5
86 63.0 47.2 70.8





#21

Allyl Chloride

Concen: 9.365 ppbv

RT: 3.973 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

VL1122ABS01

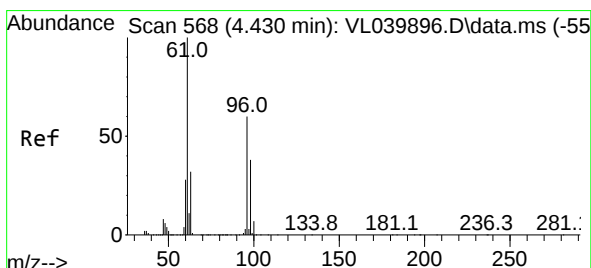
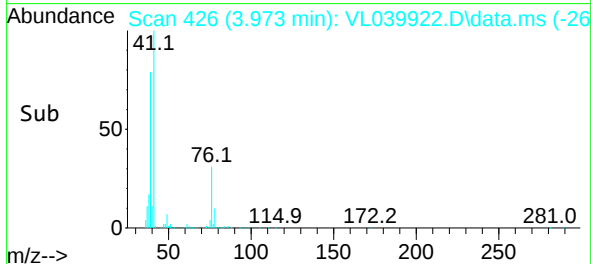
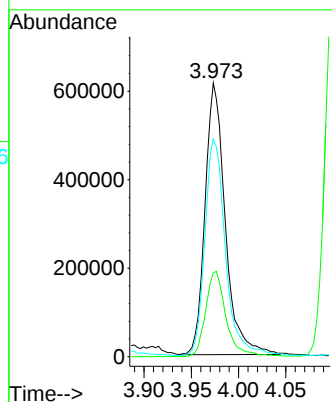
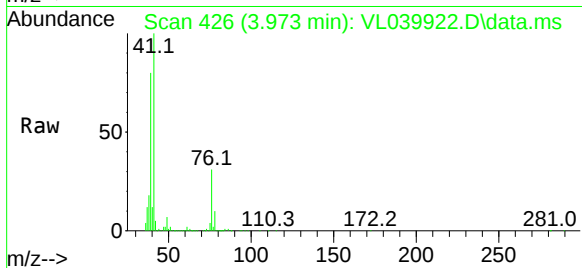
Tgt Ion: 41 Resp: 912930

Ion Ratio Lower Upper

41 100

76 32.0 25.6 38.4

39 81.9 65.2 97.8



#22

trans-1,2-Dichloroethene

Concen: 10.266 ppbv

RT: 4.423 min Scan# 566

Delta R.T. 0.013 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

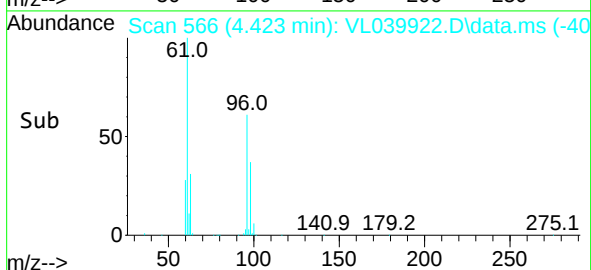
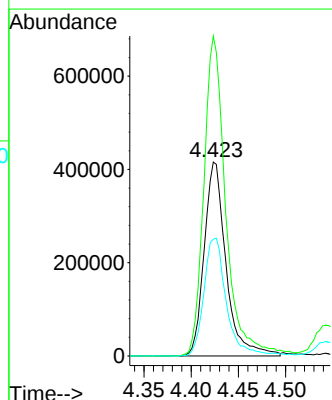
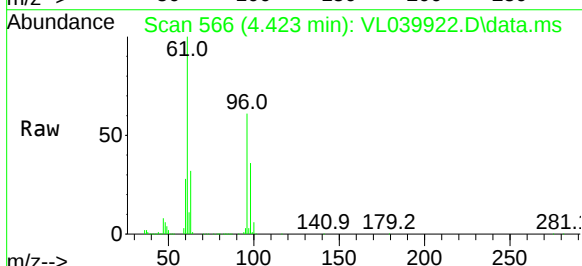
Tgt Ion: 96 Resp: 667163

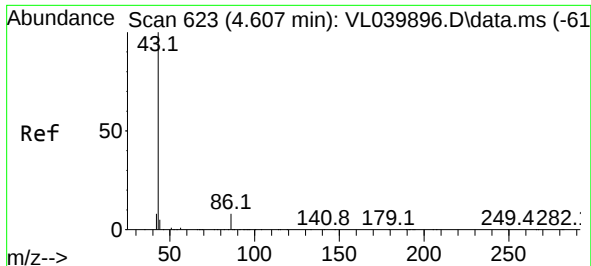
Ion Ratio Lower Upper

96 100

61 164.9 134.1 201.1

98 60.2 50.4 75.6



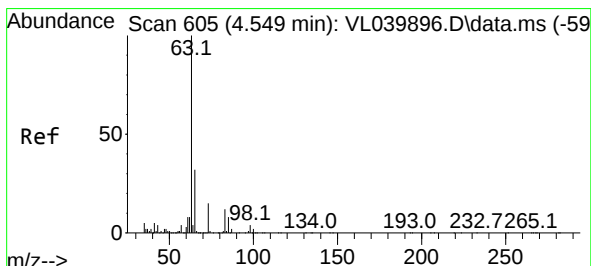
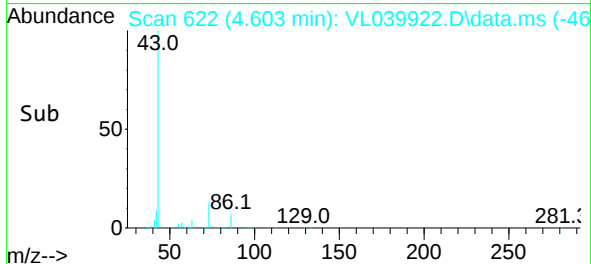
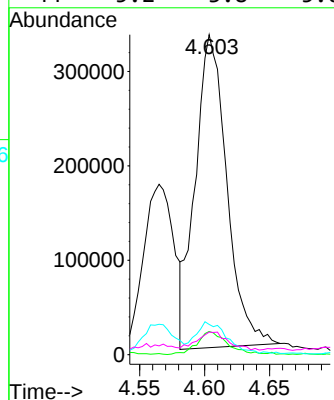
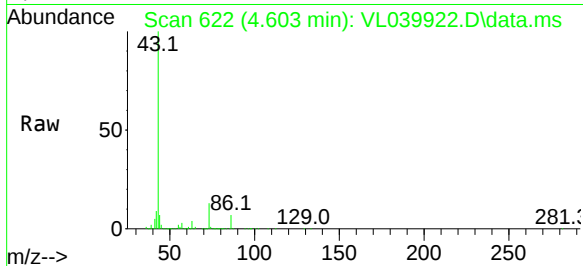


#23
 Vinyl Acetate
 Concen: 9.698 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1122ABS01

Tgt Ion: 43 Resp: 559949

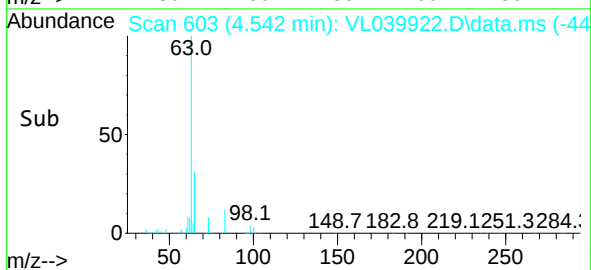
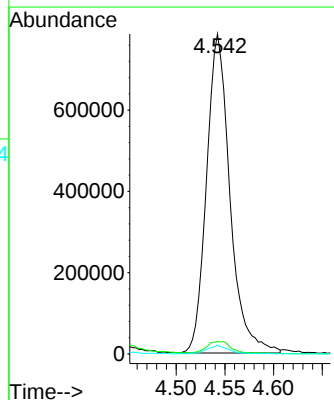
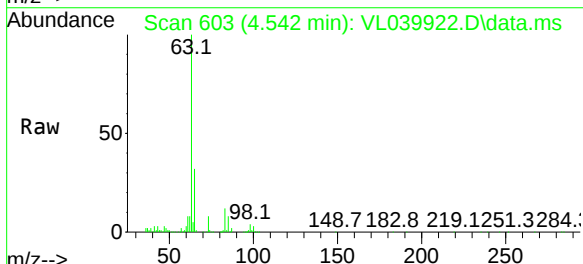
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.0	7.4
42	9.4	7.6	11.4
44	5.2	3.8	5.6

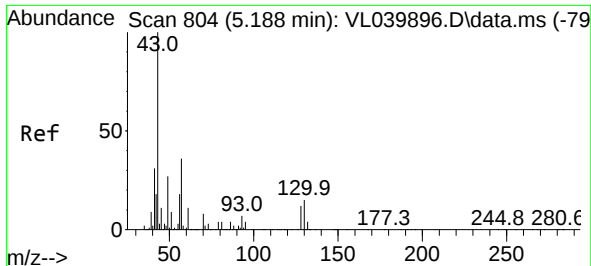


#24
 1,1-Dichloroethane
 Concen: 9.452 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.013 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 63 Resp: 1315917

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.5
100	2.8	1.1	3.5



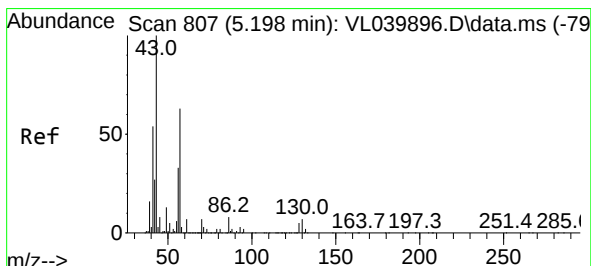
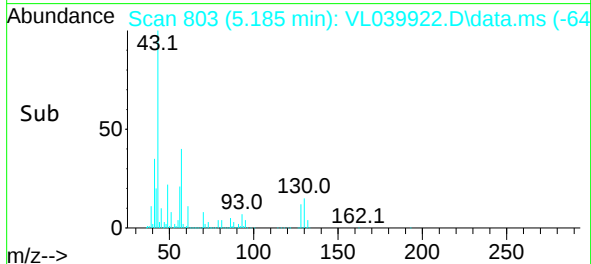
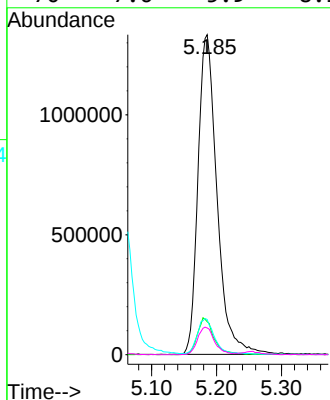
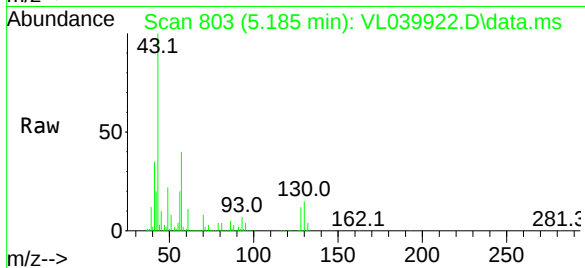


#25
Ethyl Acetate
Concen: 10.544 ppbv
RT: 5.185 min Scan# 804
Delta R.T. 0.016 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

Tgt Ion: 43 Resp: 2720849

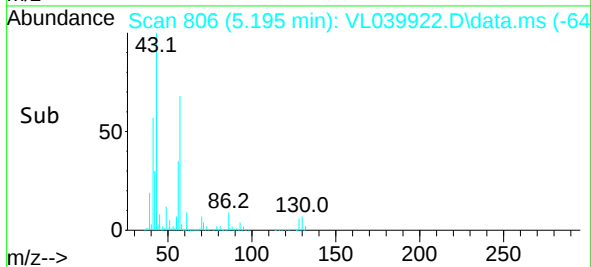
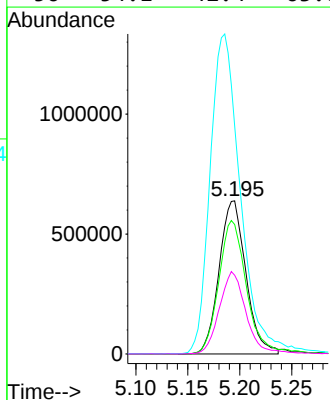
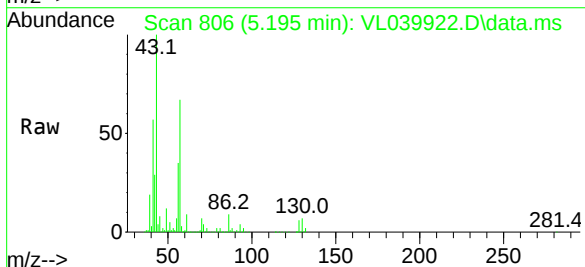
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.4	12.6
61	10.2	8.5	12.7
70	7.6	5.9	8.9

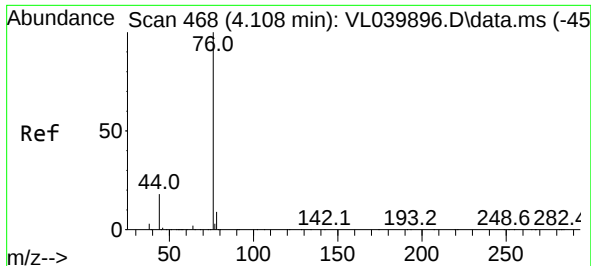


#26
Hexane
Concen: 10.170 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 57 Resp: 1146393

Ion	Ratio	Lower	Upper
57	100		
41	91.5	72.3	108.5
43	238.0	188.7	283.1
56	54.1	42.4	63.6

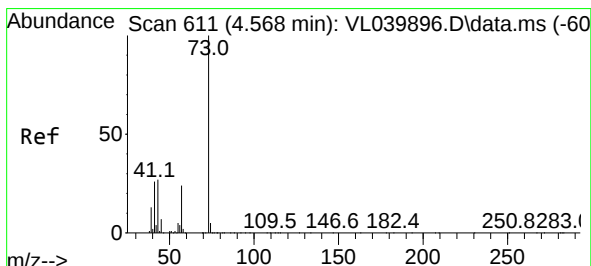
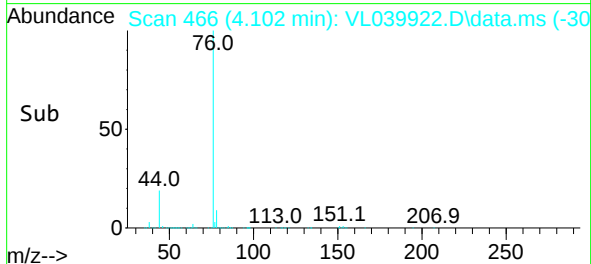
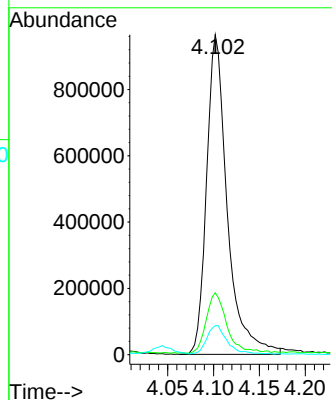
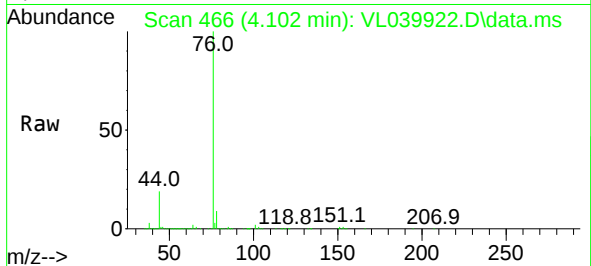




#27
Carbon Disulfide
Concen: 10.625 ppbv
RT: 4.102 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

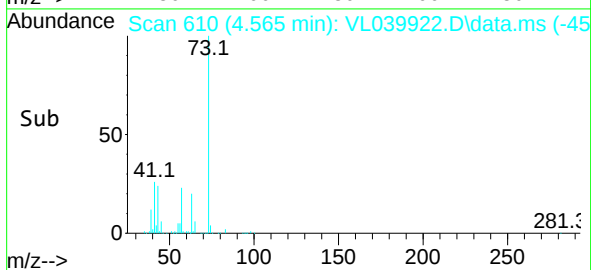
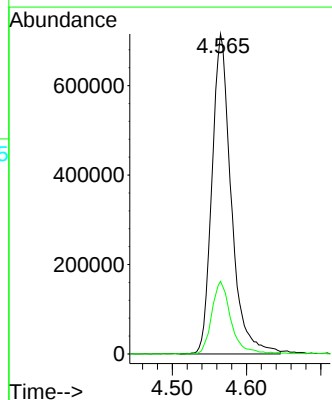
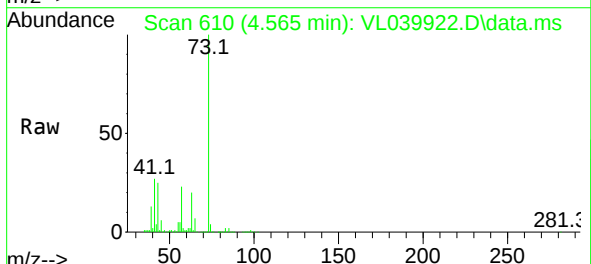
Instrument :
MSVOA_1
ClientSampleId :
VL1122ABS01

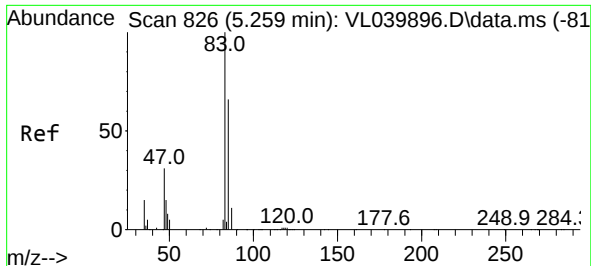
Tgt Ion: 76 Resp: 1512042
Ion Ratio Lower Upper
76 100
44 18.9 14.7 22.1
78 9.5 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.105 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 73 Resp: 1285046
Ion Ratio Lower Upper
73 100
57 22.9 18.9 28.3





#29

Chloroform

Concen: 13.059 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

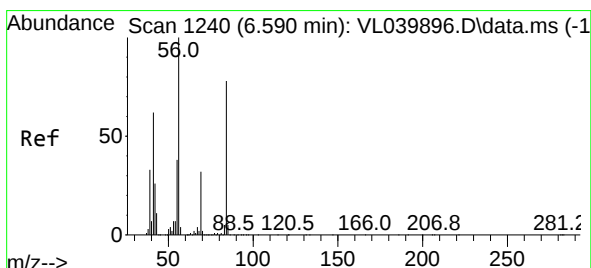
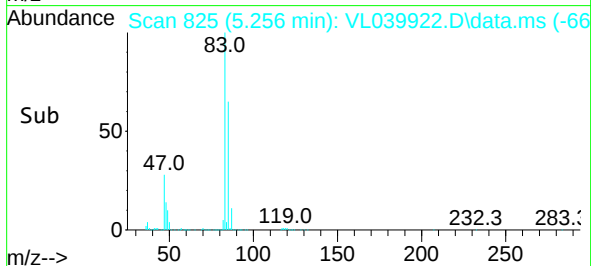
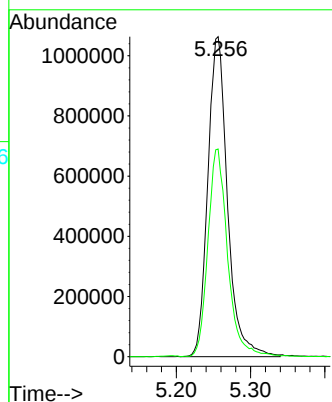
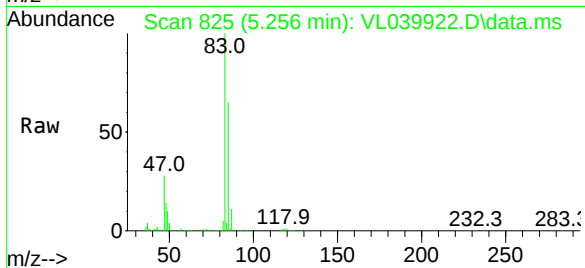
VL1122ABS01

Tgt Ion: 83 Resp: 1956258

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6



#30

Cyclohexane

Concen: 9.412 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.013 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

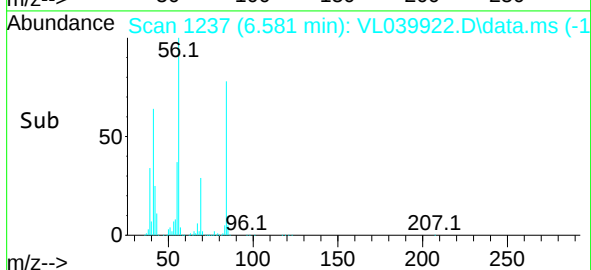
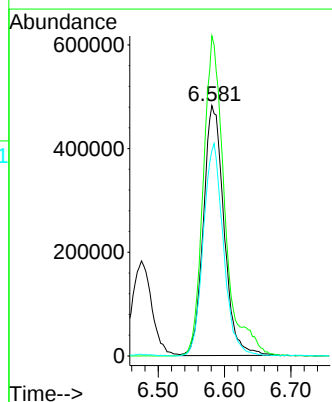
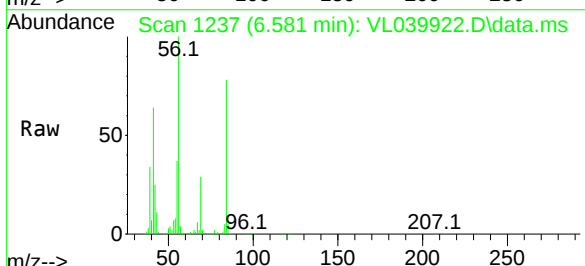
Tgt Ion: 84 Resp: 1041125

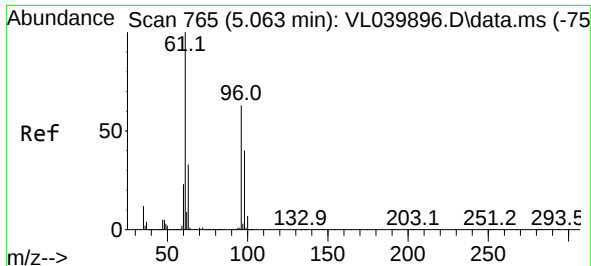
Ion Ratio Lower Upper

84 100

56 133.1 112.5 168.7

41 83.1 67.8 101.8

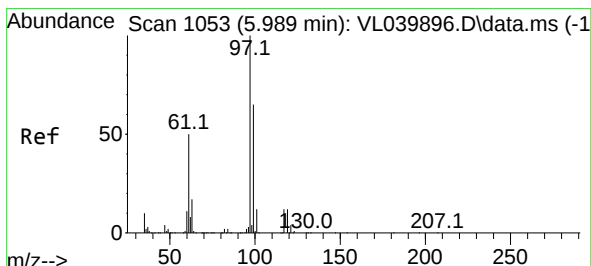
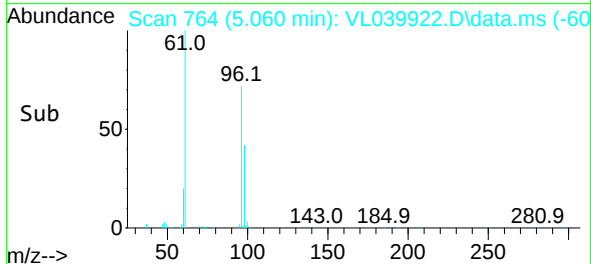
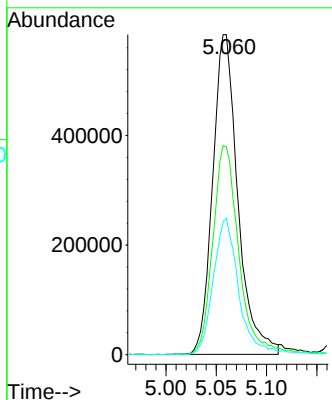
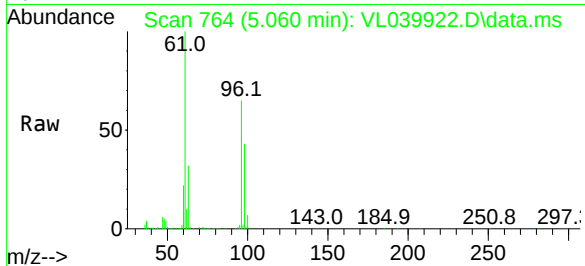




#31
 cis-1,2-Dichloroethene
 Concen: 9.765 ppbv
 RT: 5.060 min Scan# 765
 Delta R.T. 0.016 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

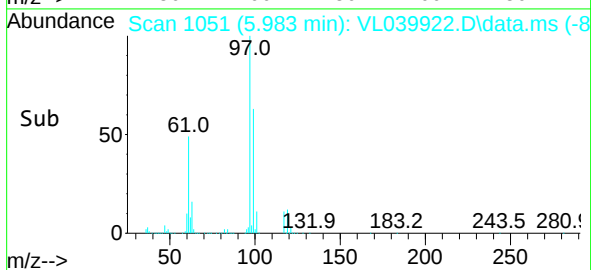
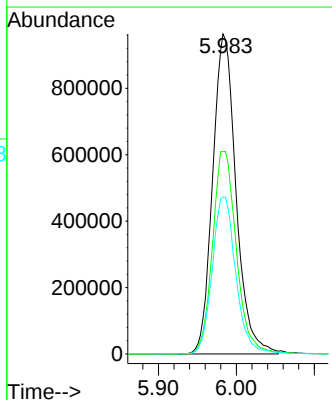
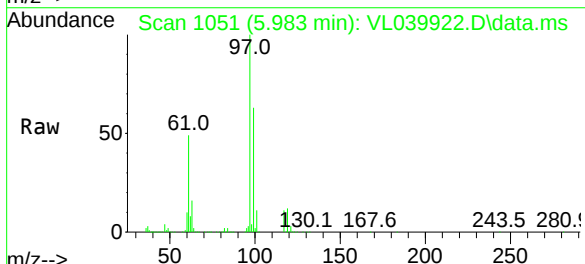
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1122ABS01

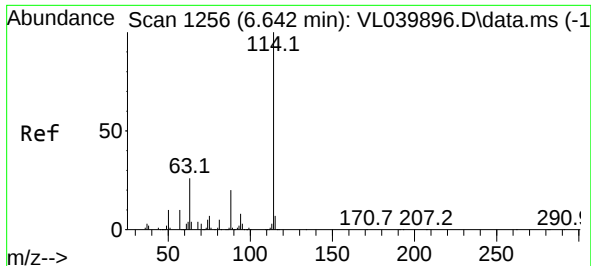
Tgt Ion: 61 Resp: 1017018
 Ion Ratio Lower Upper
 61 100
 96 64.8 50.3 75.5
 98 42.6 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 10.715 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. 0.016 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 97 Resp: 2004505
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.4 77.0
 61 49.5 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

VL1122ABS01

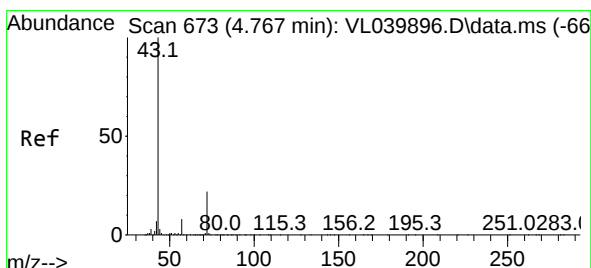
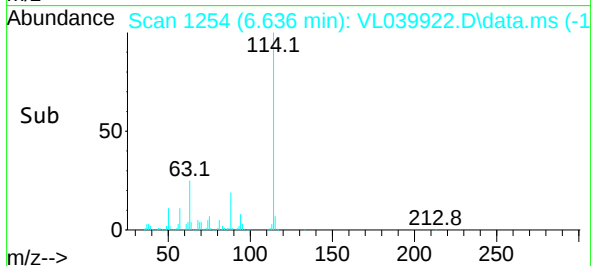
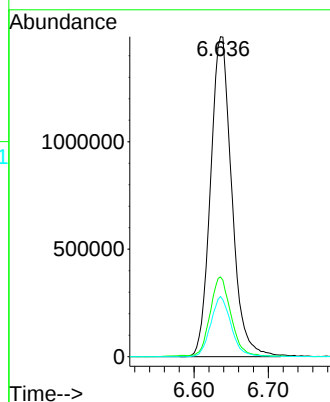
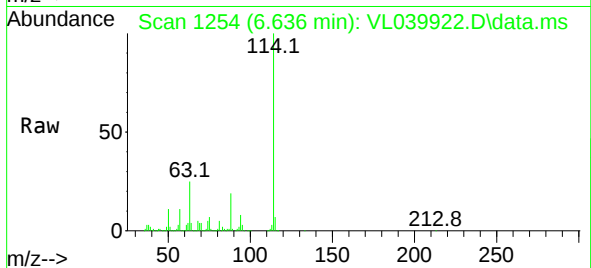
Tgt Ion:114 Resp: 2956433

Ion Ratio Lower Upper

114 100

63 25.2 21.4 32.0

88 18.2 15.3 22.9



#34

2-Butanone

Concen: 10.275 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.016 min

Lab File: VL039922.D

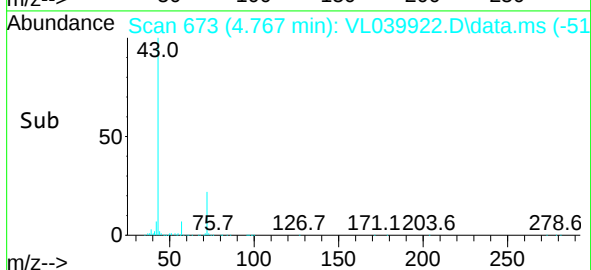
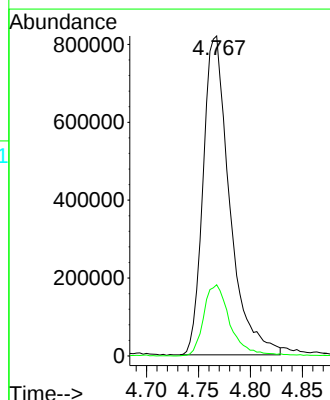
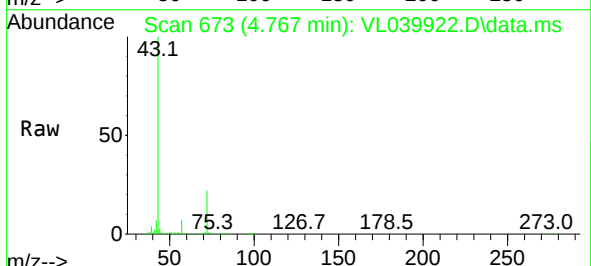
Acq: 22 Nov 2022 18:12

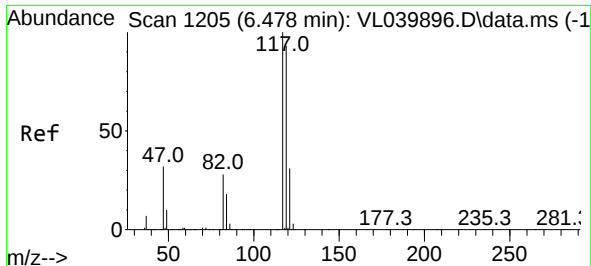
Tgt Ion: 43 Resp: 1453480

Ion Ratio Lower Upper

43 100

72 22.8 17.4 26.2

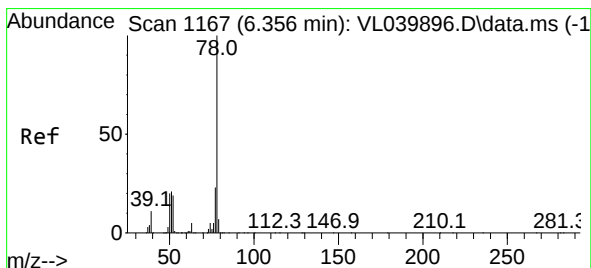
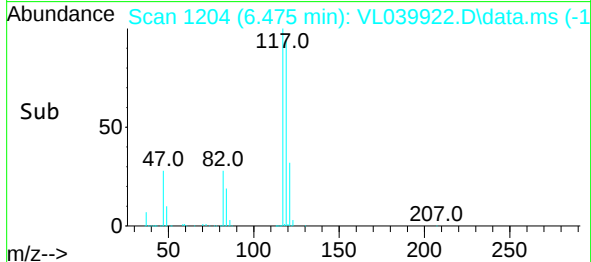
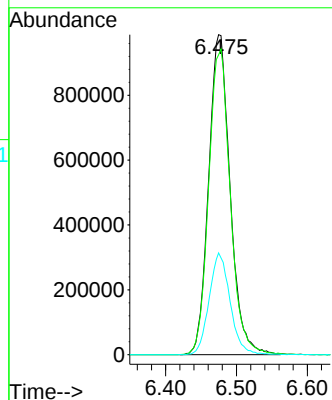
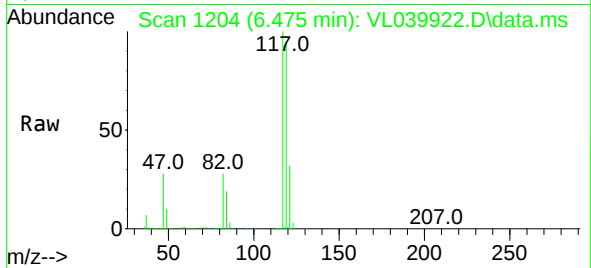




#35
Carbon Tetrachloride
Concen: 12.376 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

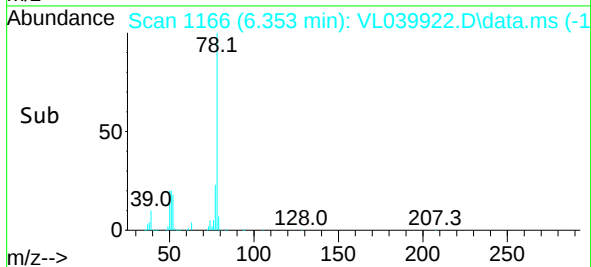
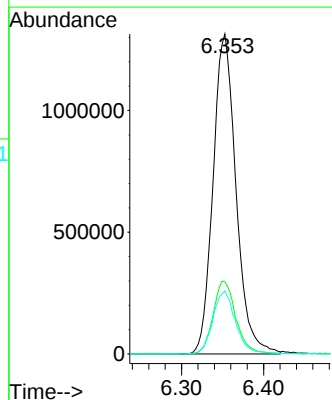
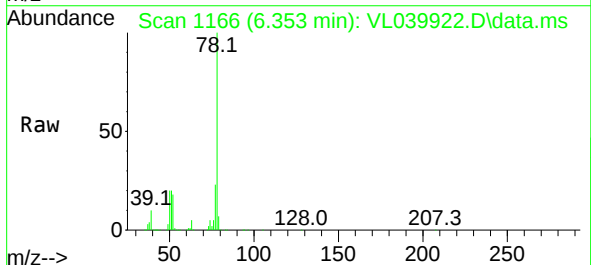
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

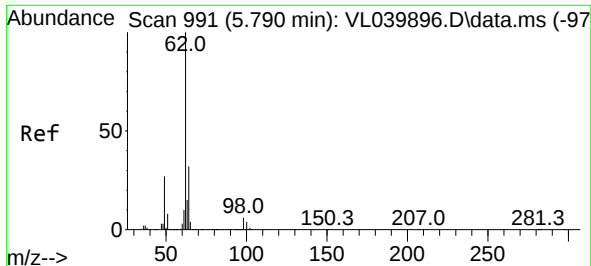
Tgt Ion:117 Resp: 2077899
Ion Ratio Lower Upper
117 100
119 93.7 74.7 112.1
121 31.7 24.5 36.7



#36
Benzene
Concen: 10.193 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.016 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 78 Resp: 2561454
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.2
50 19.7 15.8 23.8





#37

1,2-Dichloroethane

Concen: 11.101 ppbv

RT: 5.787 min Scan# 991

Delta R.T. 0.013 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

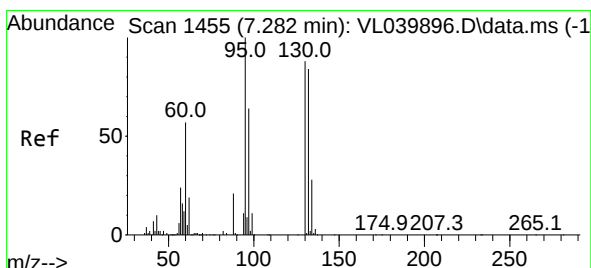
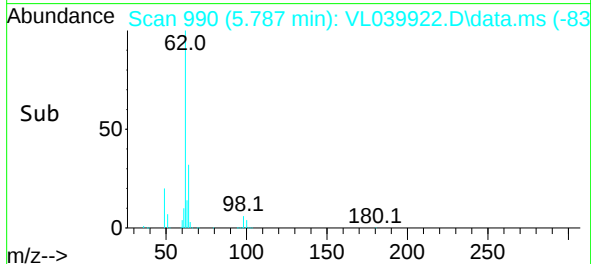
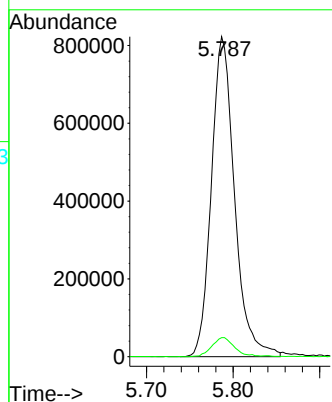
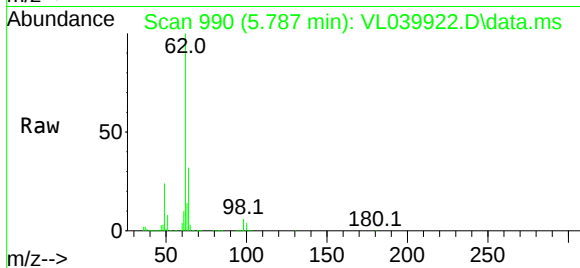
VL1122ABS01

Tgt Ion: 62 Resp: 1528788

Ion Ratio Lower Upper

62 100

98 6.0 5.0 7.6



#38

Trichloroethene

Concen: 10.401 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.016 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Tgt Ion:130 Resp: 1461136

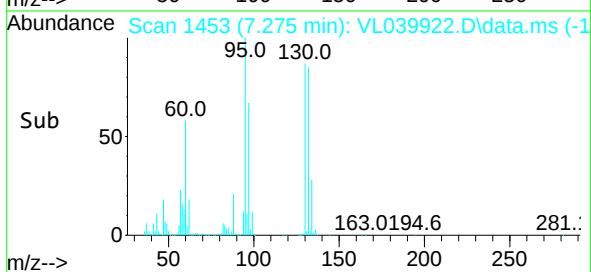
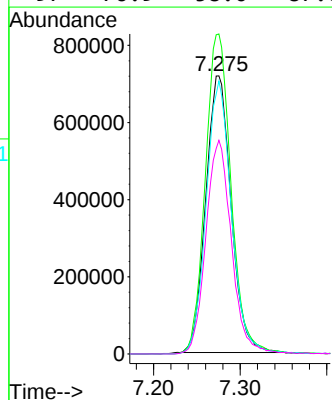
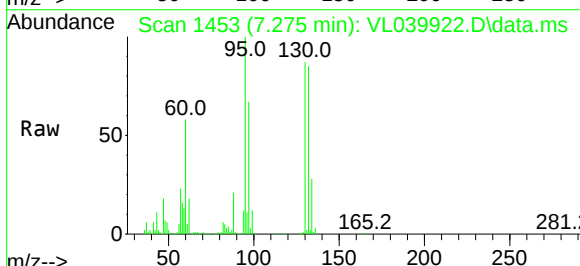
Ion Ratio Lower Upper

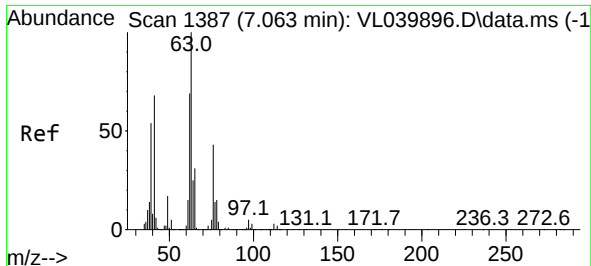
130 100

95 115.3 90.6 135.8

132 98.4 76.2 114.4

97 76.9 58.0 87.0

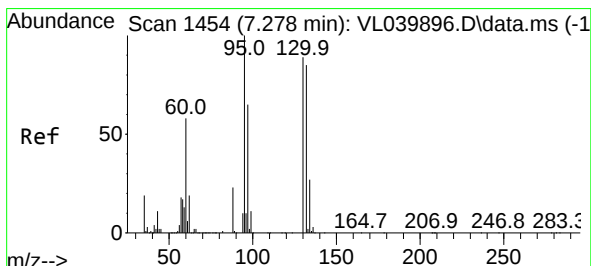
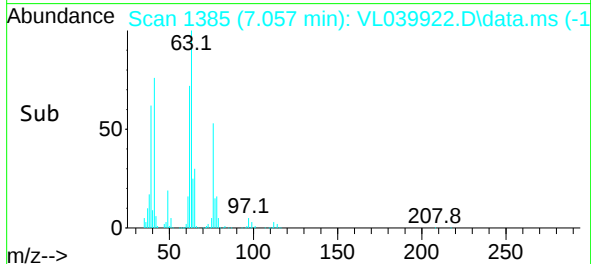
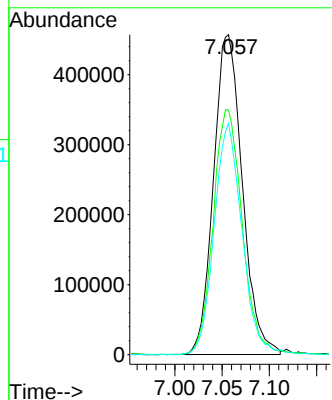
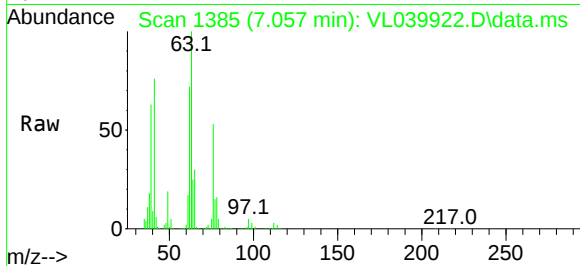




#39
 1,2-Dichloropropane
 Concen: 9.881 ppbv
 RT: 7.057 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

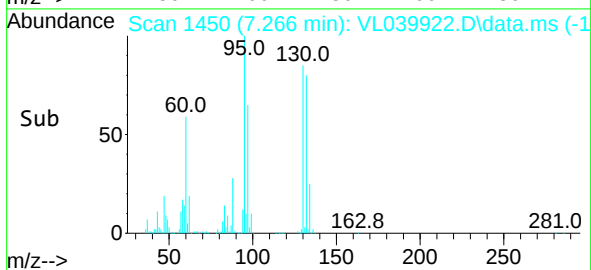
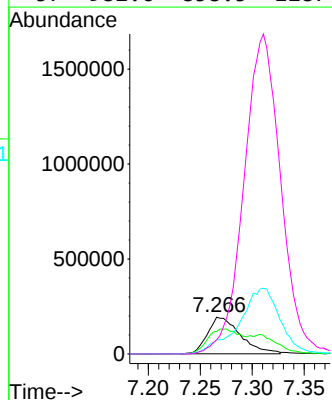
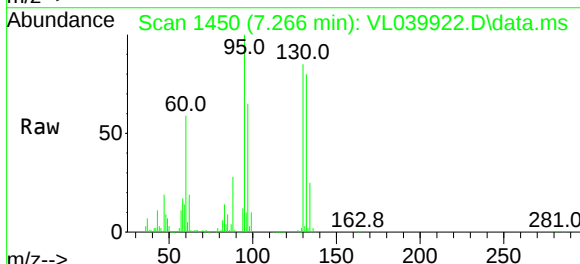
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1122ABS01

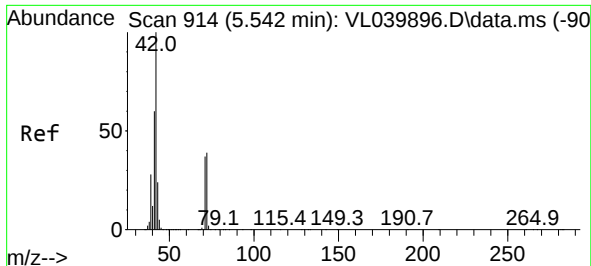
Tgt Ion: 63 Resp: 967413
 Ion Ratio Lower Upper
 63 100
 41 76.5 54.7 82.1
 62 72.1 55.0 82.6



#40
 1,4-Dioxane
 Concen: 10.870 ppbv
 RT: 7.266 min Scan# 1450
 Delta R.T. 0.010 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 88 Resp: 423976
 Ion Ratio Lower Upper
 88 100
 58 115.0 100.5 150.7
 43 226.1 195.8 293.8
 57 982.6 858.5 1287.7





#41

Tetrahydrofuran

Concen: 9.846 ppbv

RT: 5.539 min Scan# 914

Delta R.T. 0.016 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

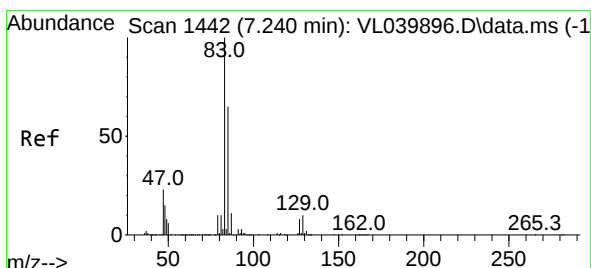
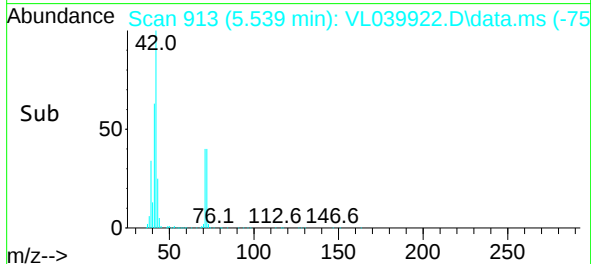
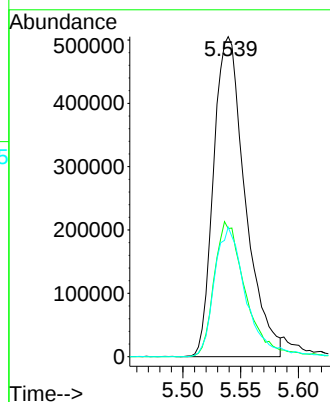
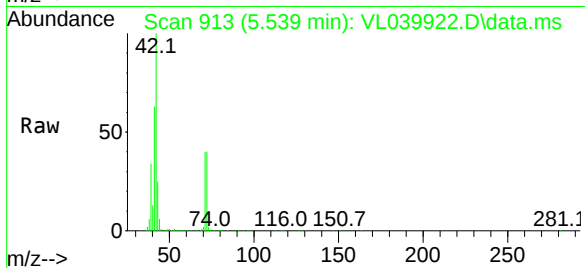
MSVOA_L

ClientSampleId :

VL1122ABS01

Tgt Ion: 42 Resp: 961574

Ion	Ratio	Lower	Upper
42	100		
72	42.4	31.6	47.4
71	40.9	31.2	46.8



#42

Bromodichloromethane

Concen: 11.723 ppbv

RT: 7.234 min Scan# 1440

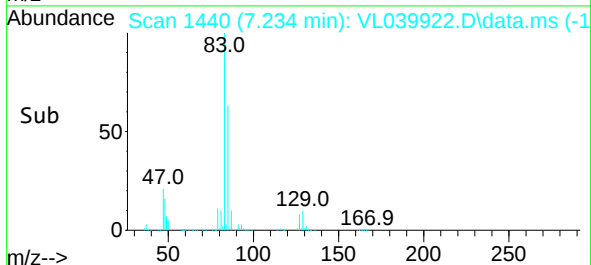
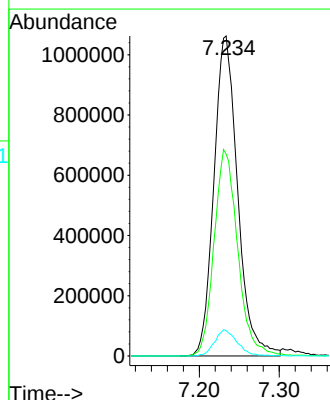
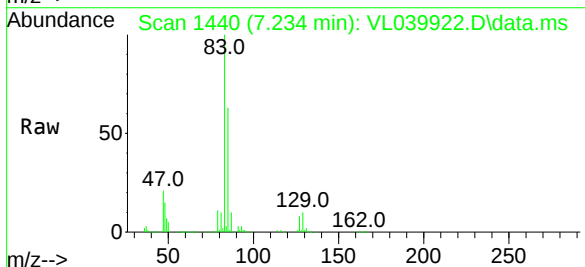
Delta R.T. 0.016 min

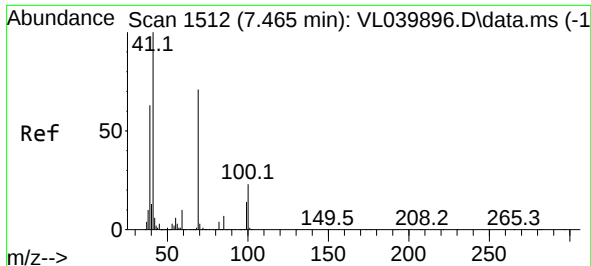
Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Tgt Ion: 83 Resp: 2189460

Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.0	78.0
127	7.9	6.5	9.7





#43

Methyl Methacrylate

Concen: 10.603 ppbv

RT: 7.459 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

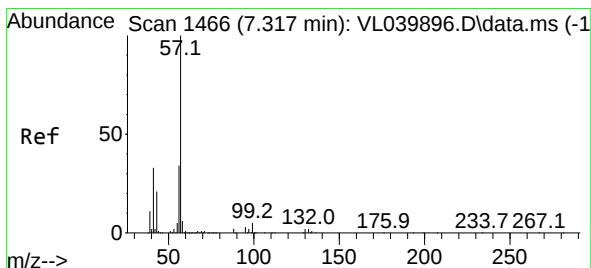
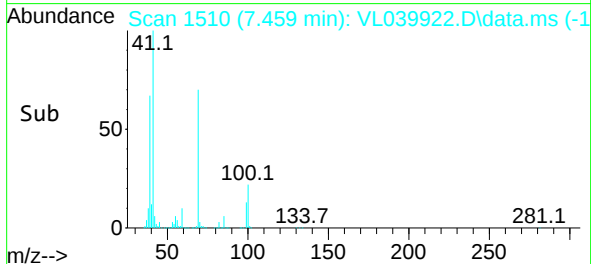
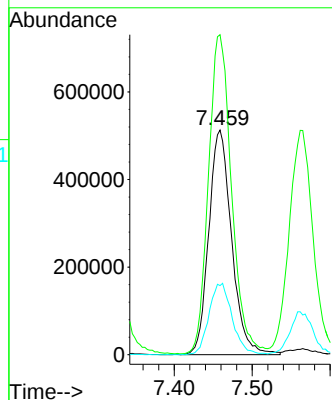
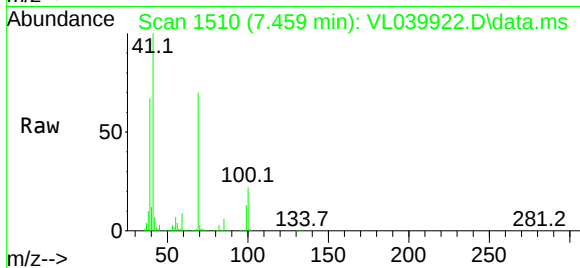
MSVOA_1

ClientSampleId :

VL1122ABS01

Tgt Ion: 69 Resp: 1044640

Ion	Ratio	Lower	Upper
69	100		
41	144.3	116.4	174.6
100	32.3	26.8	40.2



#44

2,2,4-Trimethylpentane

Concen: 9.920 ppbv

RT: 7.311 min Scan# 1464

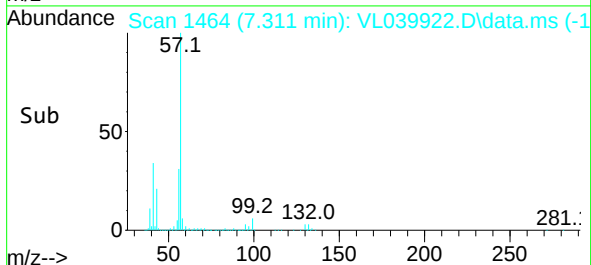
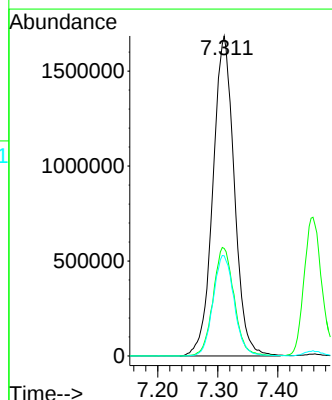
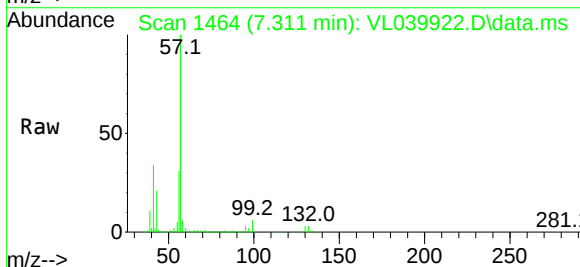
Delta R.T. 0.016 min

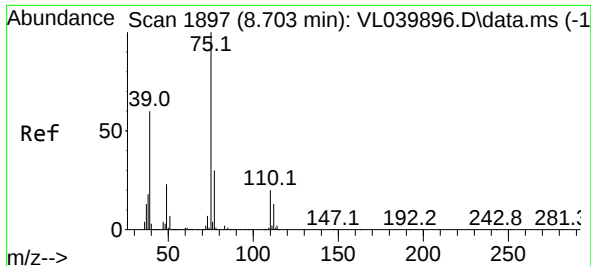
Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Tgt Ion: 57 Resp: 4161741

Ion	Ratio	Lower	Upper
57	100		
41	33.2	26.2	39.2
56	31.0	25.5	38.3

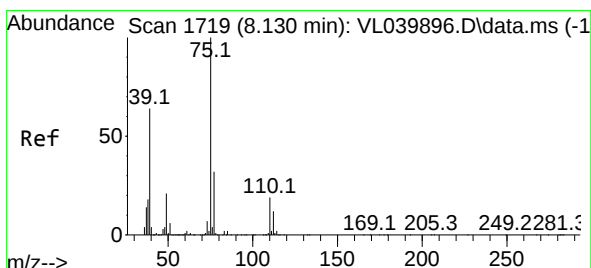
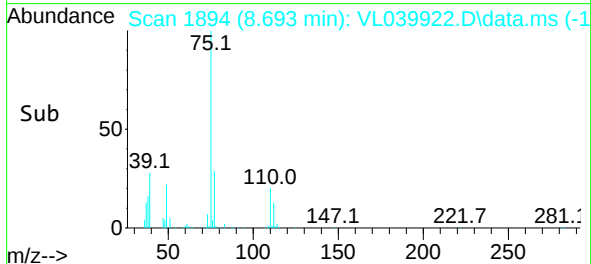
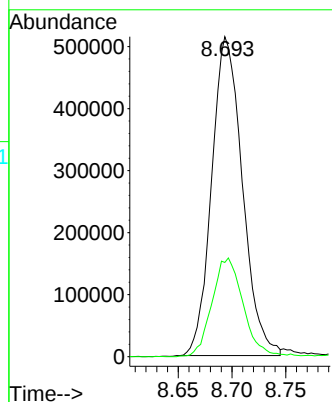
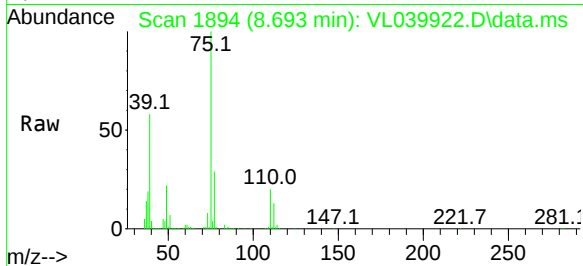




#45
t-1,3-Dichloropropene
Concen: 11.244 ppbv
RT: 8.693 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

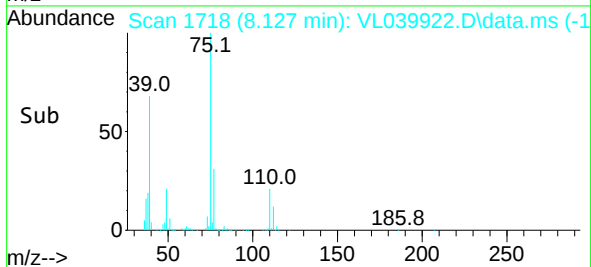
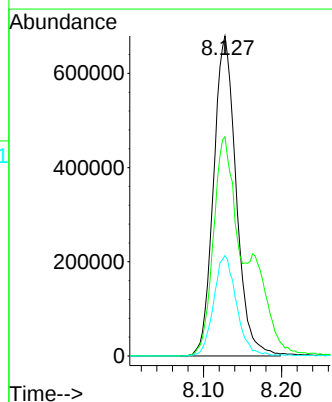
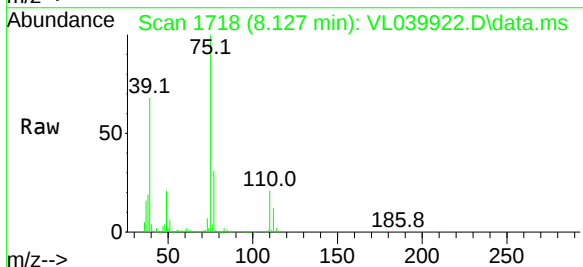
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

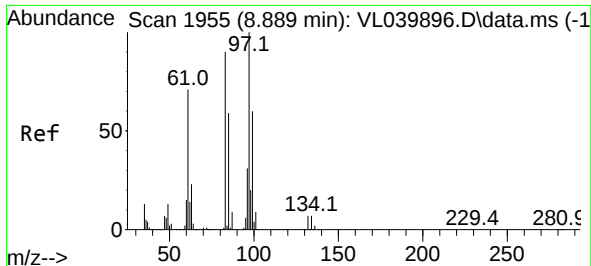
Tgt Ion: 75 Resp: 1023472
Ion Ratio Lower Upper
75 100
77 29.4 24.2 36.4



#46
cis-1,3-Dichloropropene
Concen: 10.861 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. 0.016 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 75 Resp: 1369539
Ion Ratio Lower Upper
75 100
39 68.4 51.0 76.4
77 31.3 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 10.503 ppbv

RT: 8.883 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_1

ClientSampleId :

VL1122ABS01

Tgt Ion: 97 Resp: 1056841

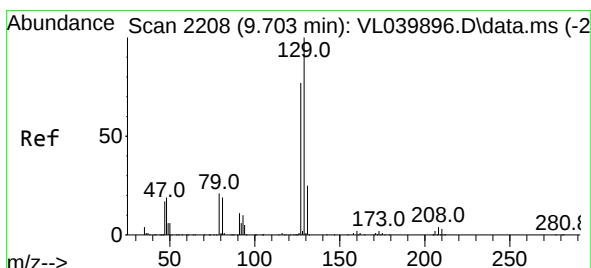
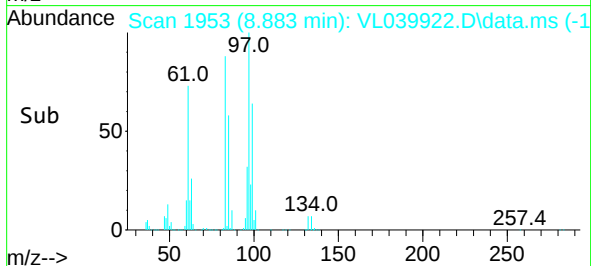
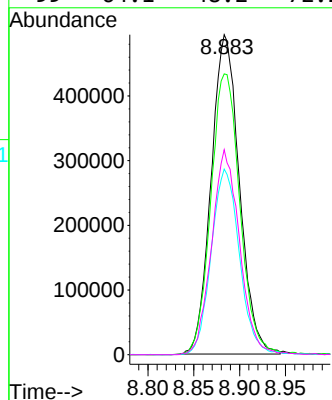
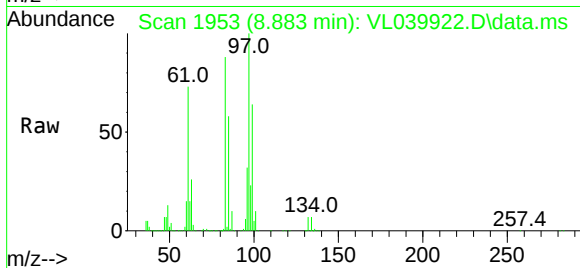
Ion Ratio Lower Upper

97 100

83 87.8 72.1 108.1

85 58.0 47.2 70.8

99 64.1 48.2 72.2



#48

Dibromochloromethane

Concen: 12.348 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. 0.016 min

Lab File: VL039922.D

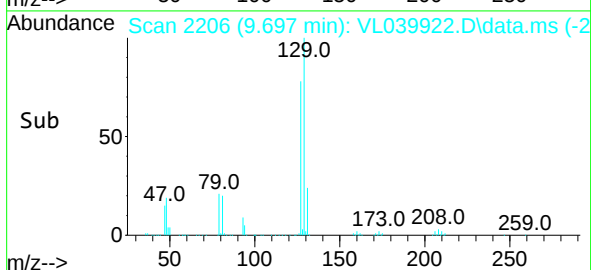
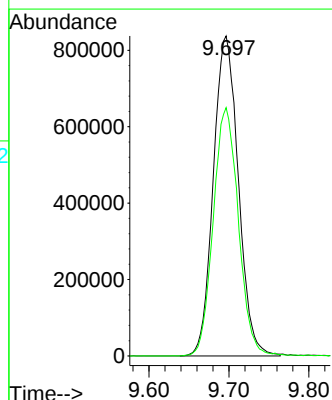
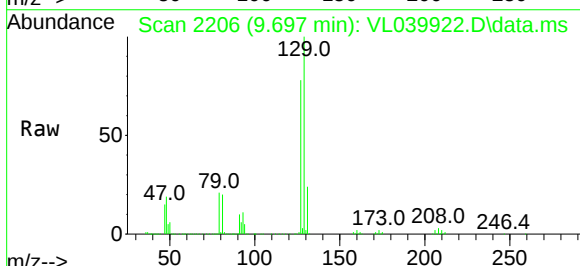
Acq: 22 Nov 2022 18:12

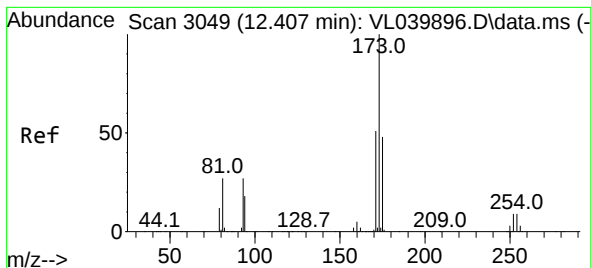
Tgt Ion: 129 Resp: 1819921

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3





#49

Bromoform

Concen: 12.277 ppbv

RT: 12.397 min Scan# 3049

Delta R.T. 0.013 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

VL1122ABS01

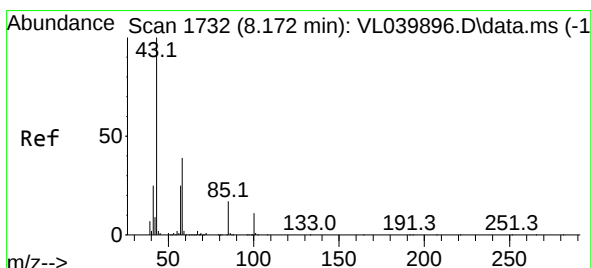
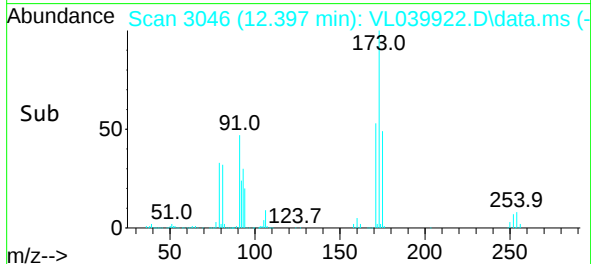
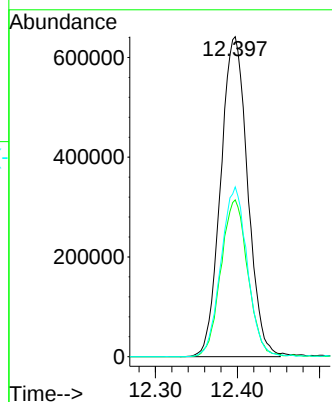
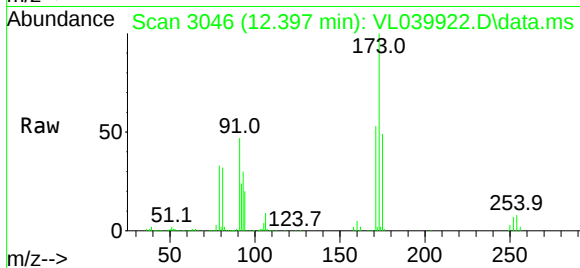
Tgt Ion:173 Resp: 1464692

Ion Ratio Lower Upper

173 100

175 49.2 39.1 58.7

171 52.3 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 10.181 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. 0.016 min

Lab File: VL039922.D

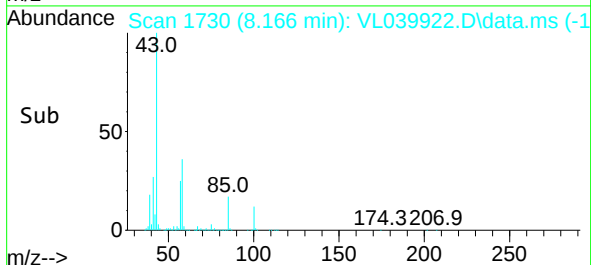
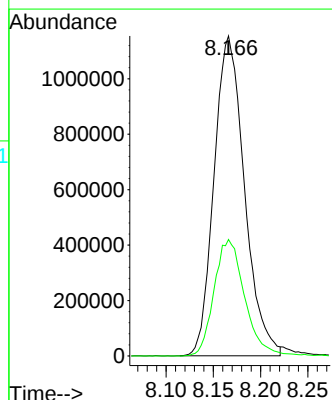
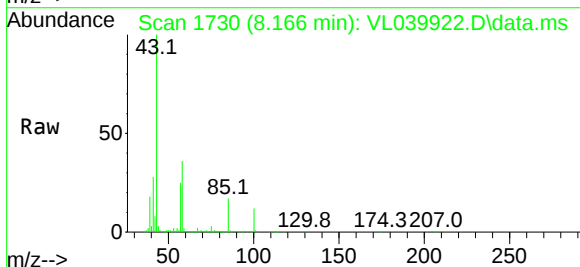
Acq: 22 Nov 2022 18:12

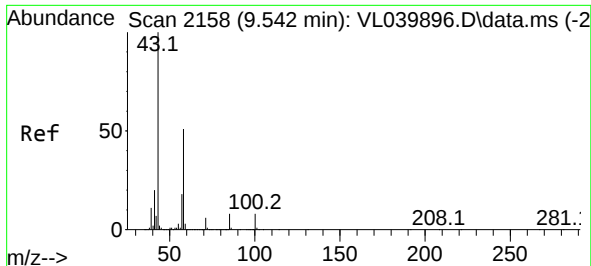
Tgt Ion: 43 Resp: 2579487

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6

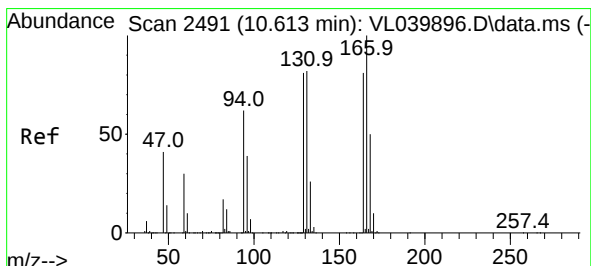
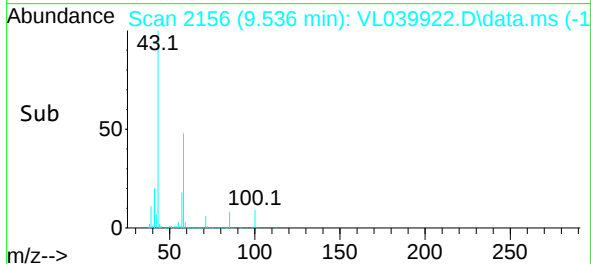
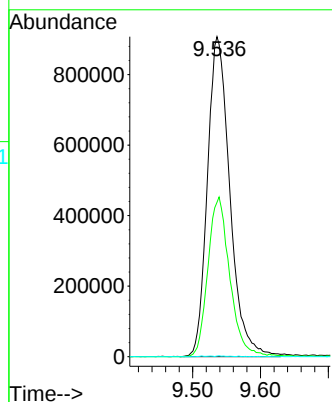
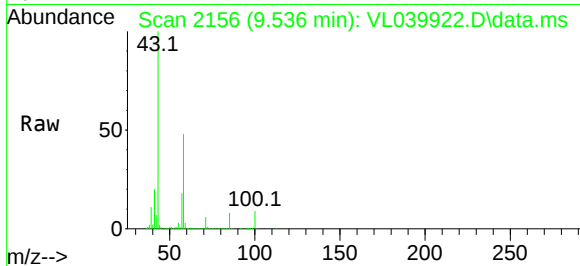




#51
2-Hexanone
Concen: 10.619 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

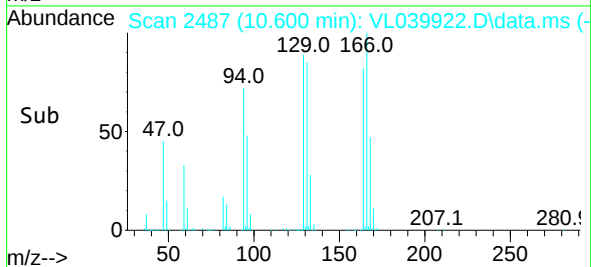
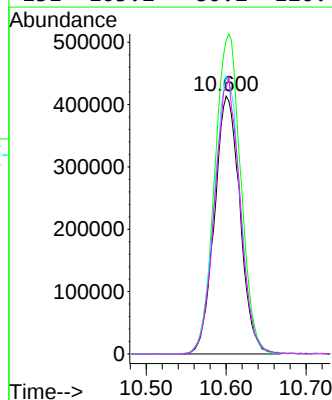
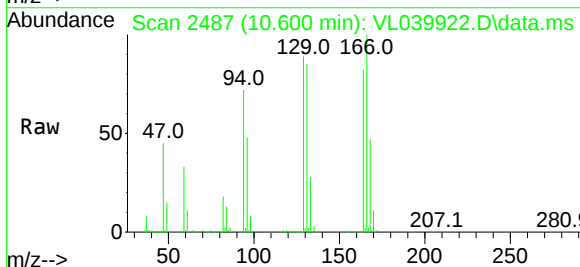
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

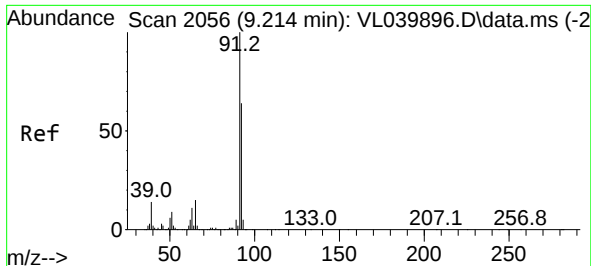
Tgt Ion: 43 Resp: 2088503
Ion Ratio Lower Upper
43 100
58 48.8 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.725 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 164 Resp: 914258
Ion Ratio Lower Upper
164 100
166 121.5 98.3 147.5
129 107.8 79.7 119.5
131 103.2 80.2 120.4

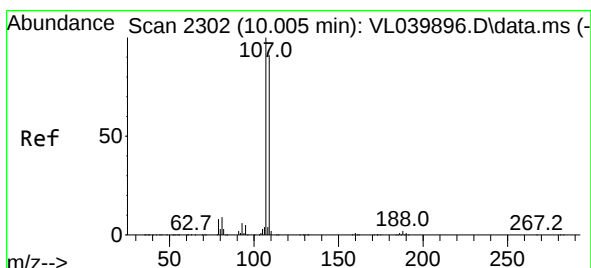
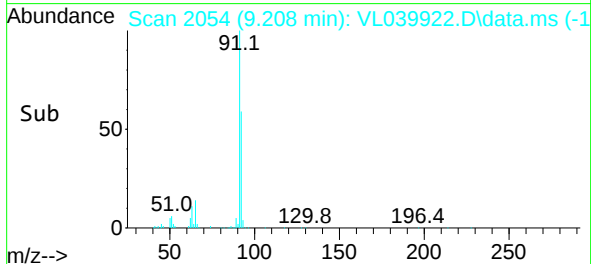
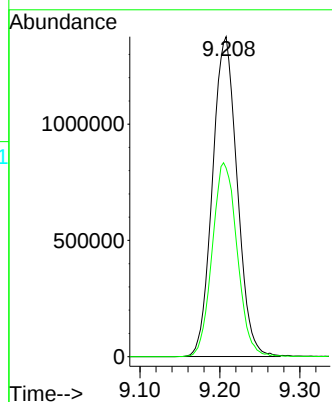
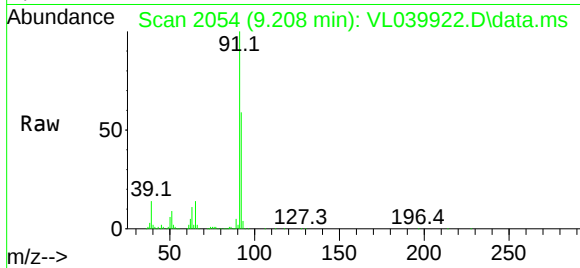




#53
Toluene
Concen: 10.296 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. 0.016 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

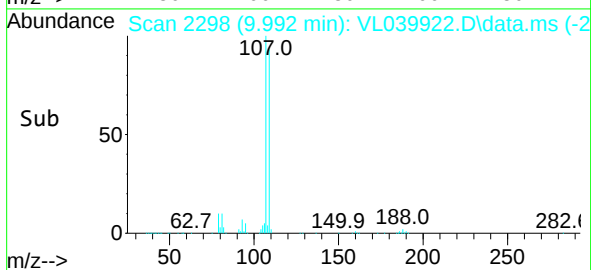
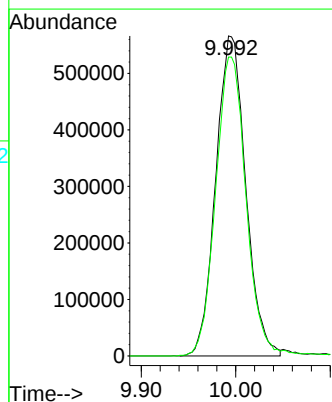
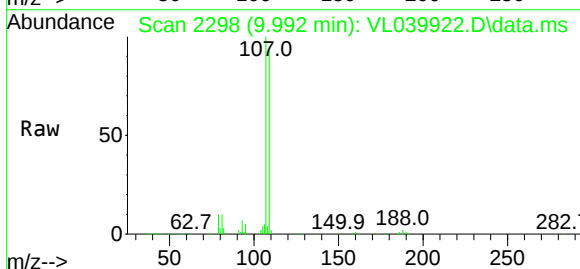
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

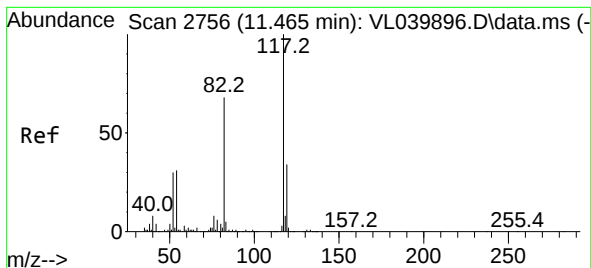
Tgt Ion: 91 Resp: 2947345
Ion Ratio Lower Upper
91 100
92 61.4 49.8 74.6



#54
1,2-Dibromoethane
Concen: 11.594 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 107 Resp: 1245000
Ion Ratio Lower Upper
107 100
109 93.2 72.8 109.2

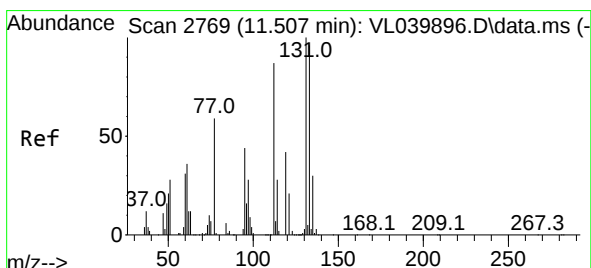
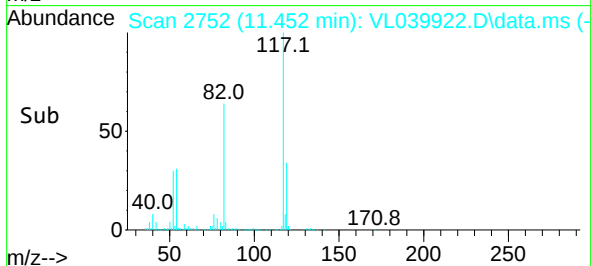
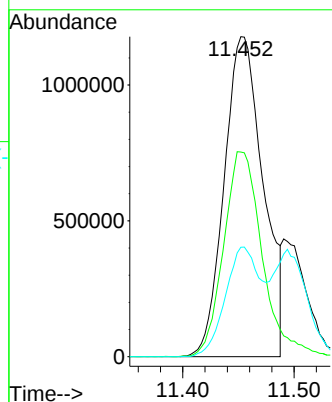
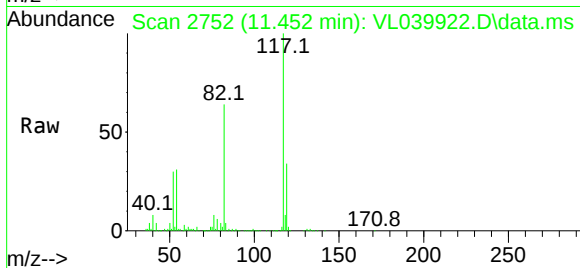




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

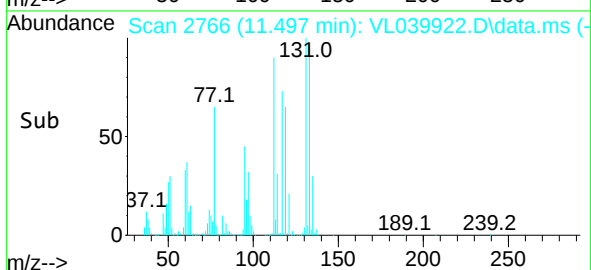
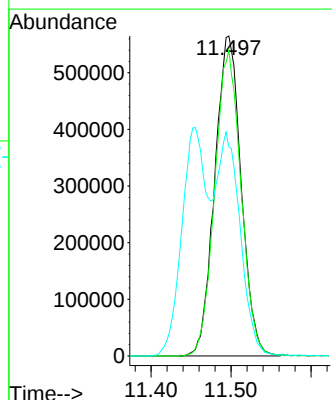
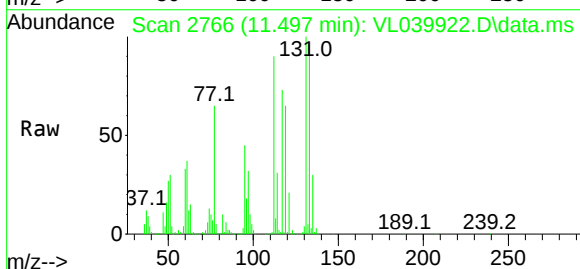
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

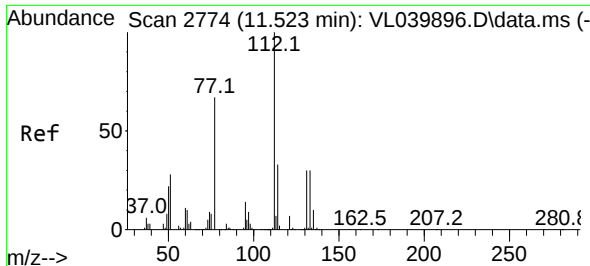
Tgt Ion:117 Resp: 2882122
Ion Ratio Lower Upper
117 100
82 63.5 52.3 78.5
119 32.4 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.965 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.016 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion:131 Resp: 1291828
Ion Ratio Lower Upper
131 100
133 95.1 76.7 115.1
119 64.9 46.6 69.8

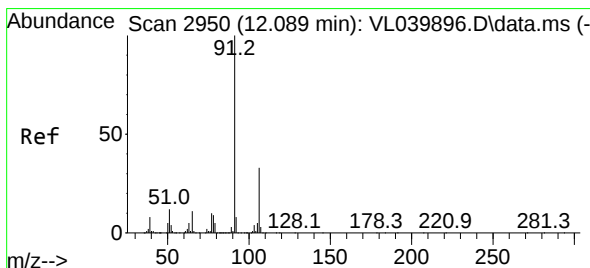
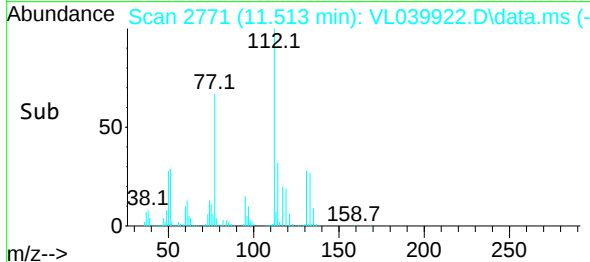
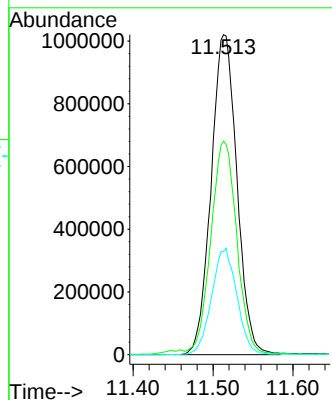
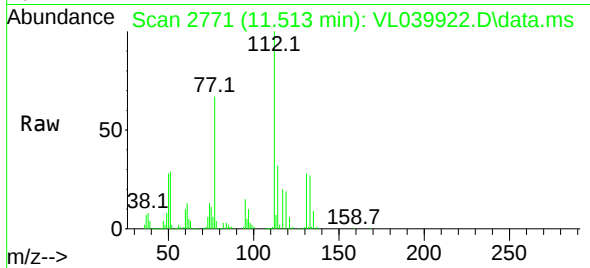




#57
Chlorobenzene
Concen: 10.384 ppbv
RT: 11.513 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

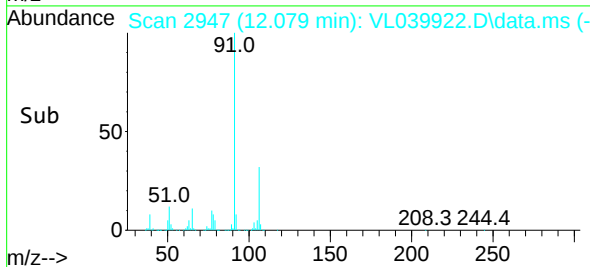
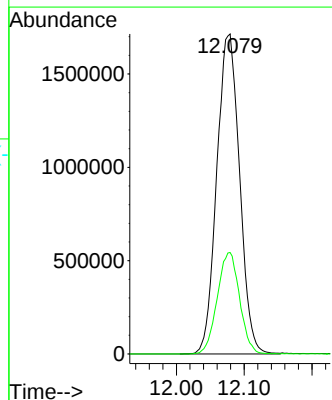
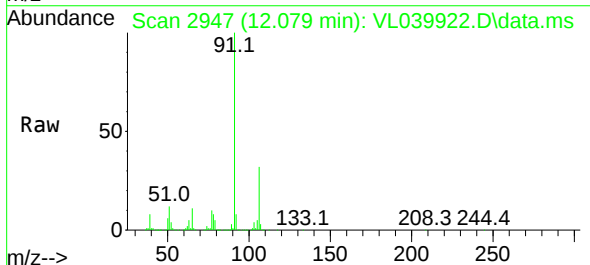
Instrument :
MSVOA_1
ClientSampleId :
VL1122ABS01

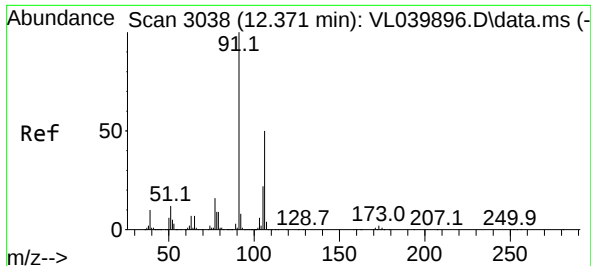
Tgt Ion:112 Resp: 2288256
Ion Ratio Lower Upper
112 100
77 66.3 54.6 81.8
114 32.1 30.1 36.7



#58
Ethyl Benzene
Concen: 10.254 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.016 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 91 Resp: 4009415
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1

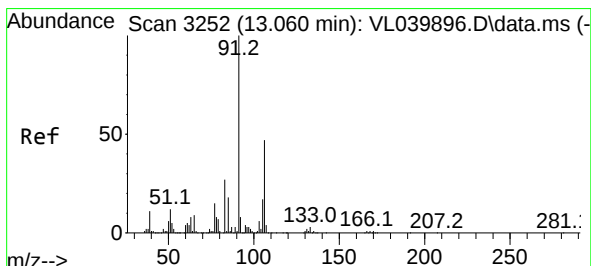
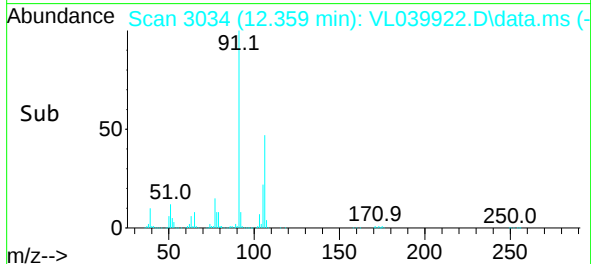
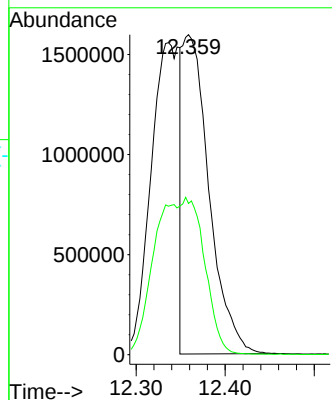
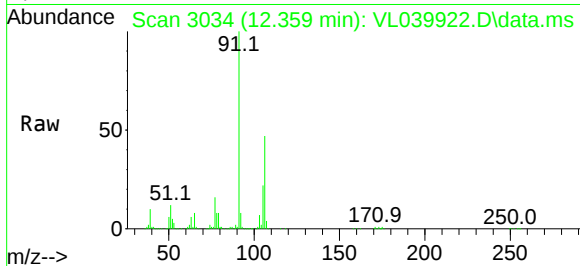




#59
m/p-Xylene
Concen: 10.126 ppbv
RT: 12.359 min Scan# 3034
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

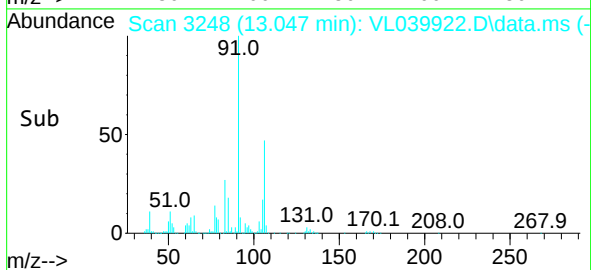
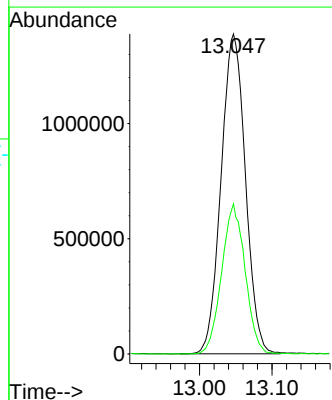
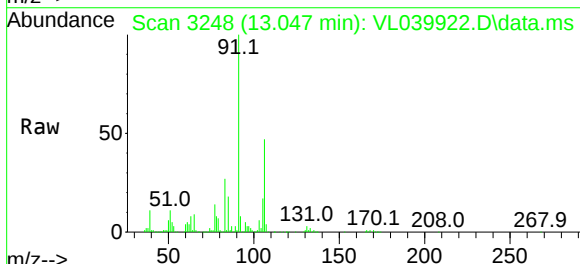
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

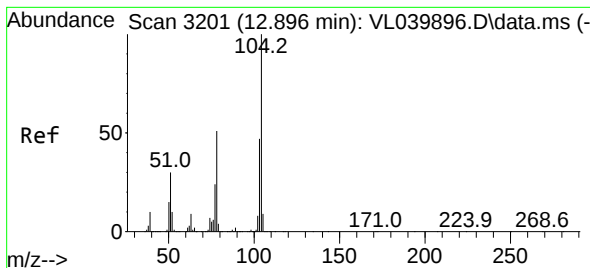
Tgt Ion: 91 Resp: 3313698
Ion Ratio Lower Upper
91 100
106 92.5 37.0 55.6#



#60
o-Xylene
Concen: 10.372 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 91 Resp: 3236982
Ion Ratio Lower Upper
91 100
106 45.2 23.2 69.6





#61

Styrene

Concen: 10.602 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.010 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

VL1122ABS01

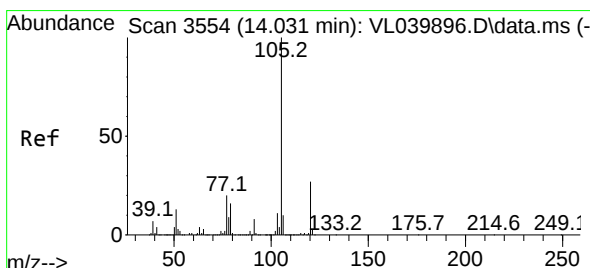
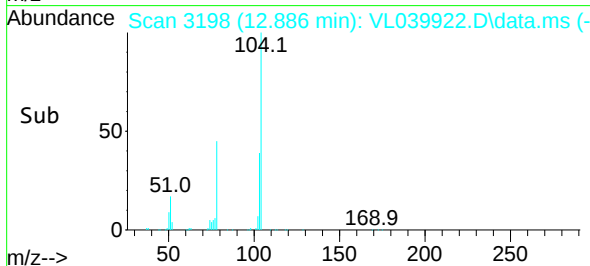
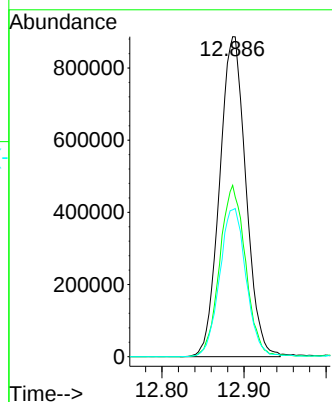
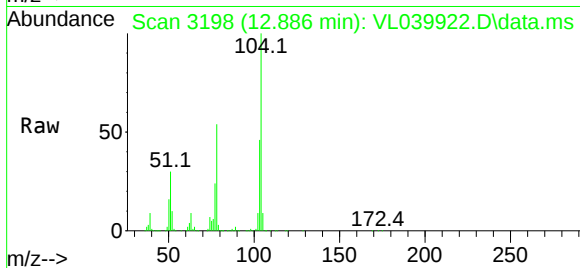
Tgt Ion:104 Resp: 1975074

Ion Ratio Lower Upper

104 100

78 52.9 41.8 62.8

103 47.0 37.2 55.8



#62

Isopropylbenzene

Concen: 10.294 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.010 min

Lab File: VL039922.D

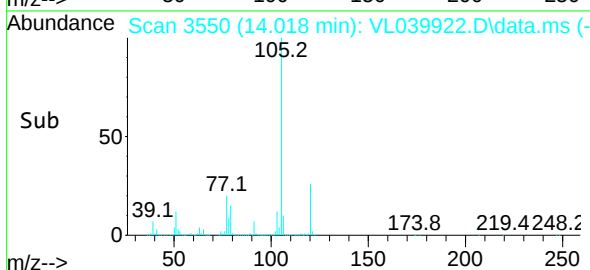
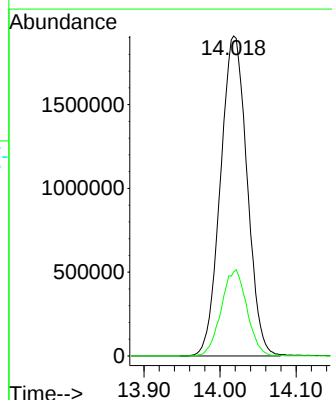
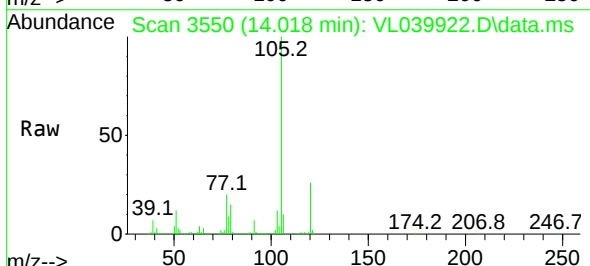
Acq: 22 Nov 2022 18:12

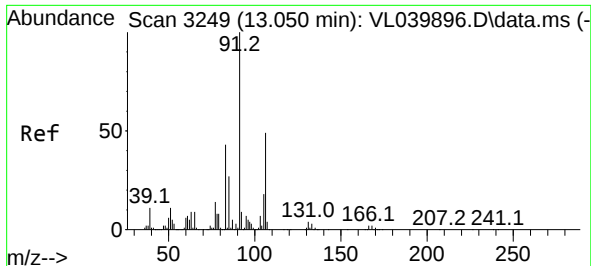
Tgt Ion:105 Resp: 4632562

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.2

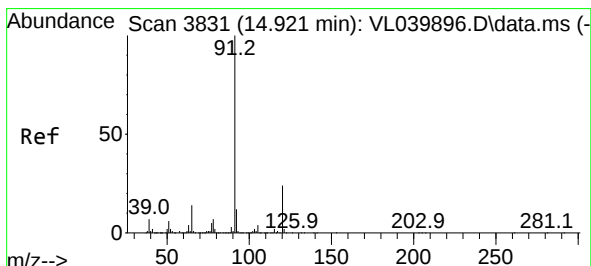
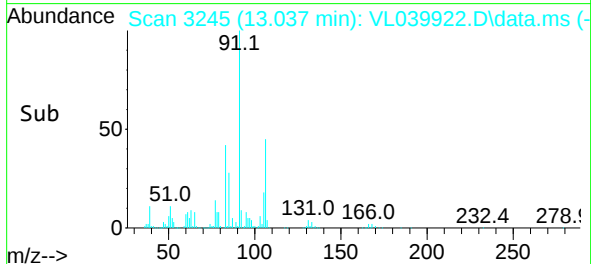
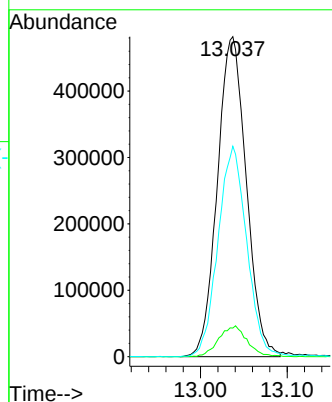
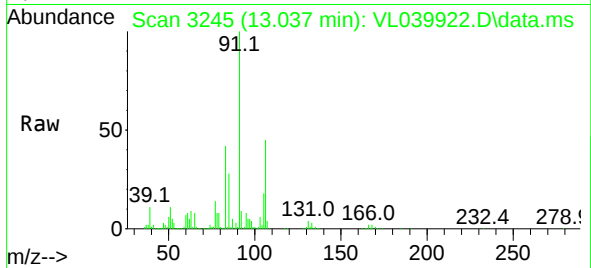




#63
1,1,2,2-Tetrachloroethane
Concen: 10.732 ppbv
RT: 13.037 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

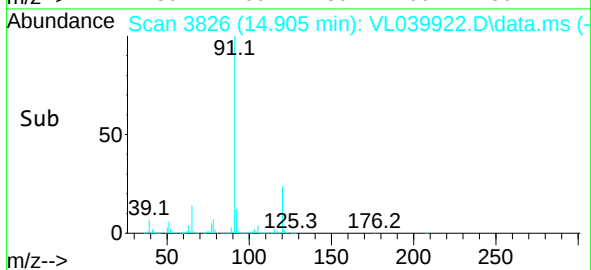
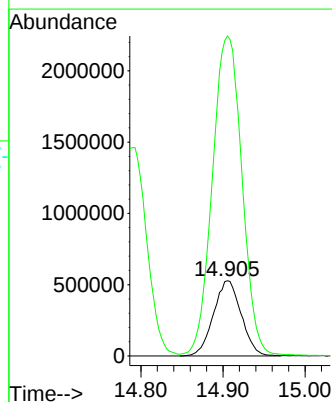
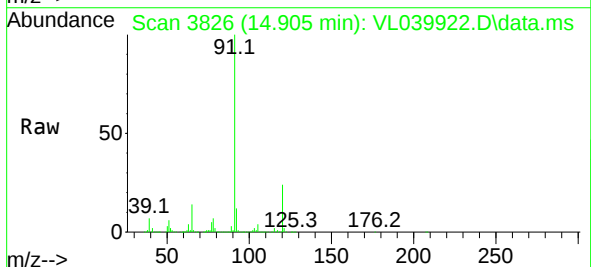
Instrument :
MSVOA_1
ClientSampleId :
VL1122ABS01

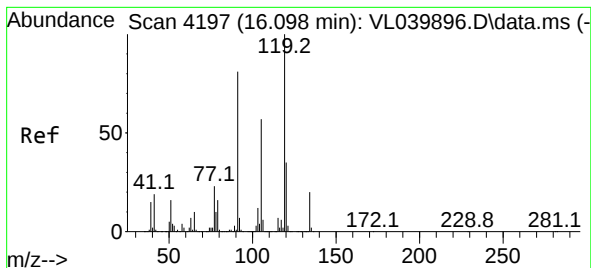
Tgt Ion: 83 Resp: 1118351
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 65.8 33.0 99.0



#64
n-propylbenzene
Concen: 10.538 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion:120 Resp: 1240691
Ion Ratio Lower Upper
120 100
91 456.1 353.7 530.5

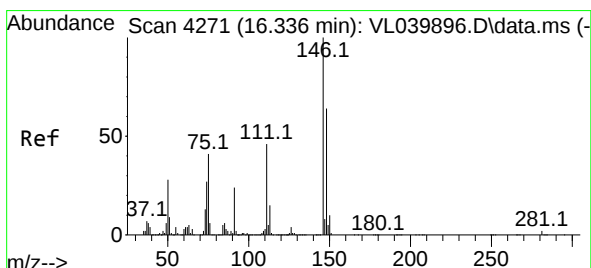
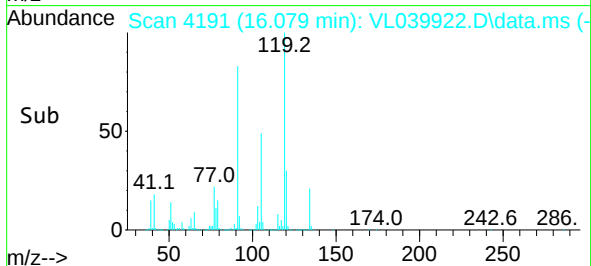
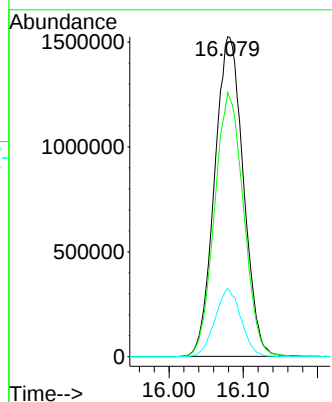
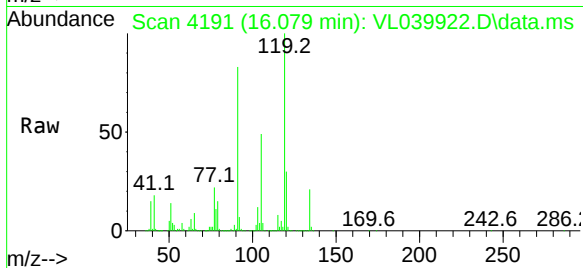




#65
tert-Butylbenzene
Concen: 10.418 ppbv
RT: 16.079 min Scan# 4197
Delta R.T. 0.007 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

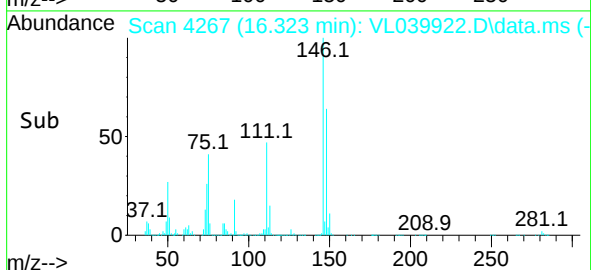
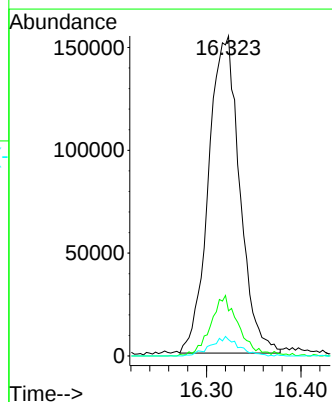
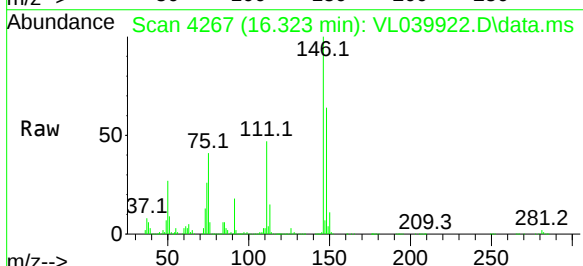
Instrument :
MSVOA_1
ClientSampleId :
VL1122ABS01

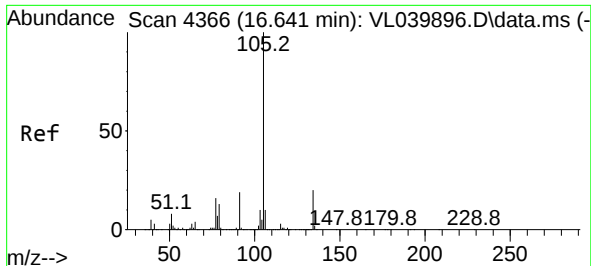
Tgt Ion:119 Resp: 4101636
Ion Ratio Lower Upper
119 100
91 83.4 65.8 98.8
134 19.5 16.1 24.1



#66
Benzyl Chloride
Concen: 10.473 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 91 Resp: 353343
Ion Ratio Lower Upper
91 100
126 17.4 15.0 22.6
128 5.5 4.6 7.0

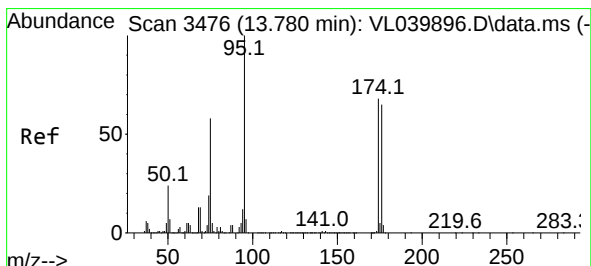
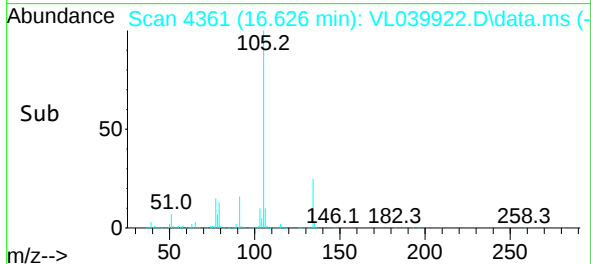
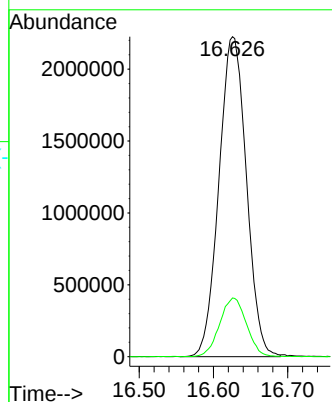
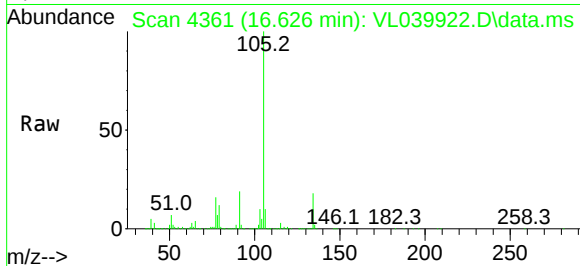




#67
 sec-Butylbenzene
 Concen: 10.544 ppbv
 RT: 16.626 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

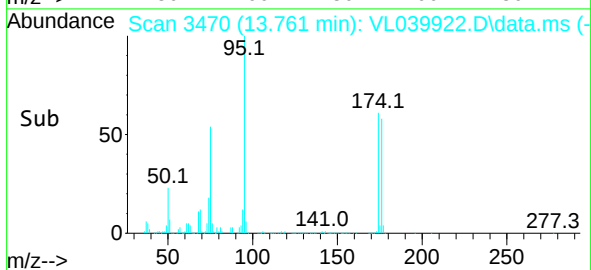
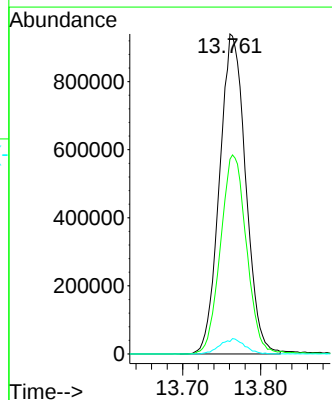
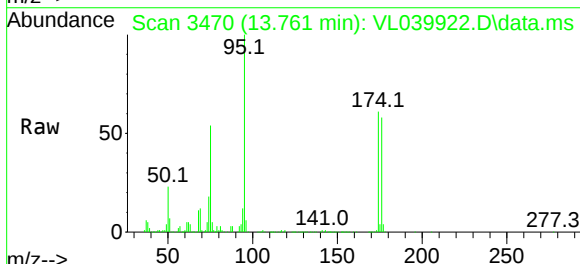
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1122ABS01

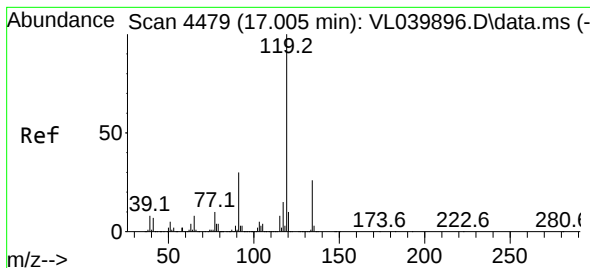
Tgt Ion:105 Resp: 5708025
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.936 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.007 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Tgt Ion: 95 Resp: 2187410
 Ion Ratio Lower Upper
 95 100
 174 62.3 53.7 80.5
 175 4.6 4.0 6.0

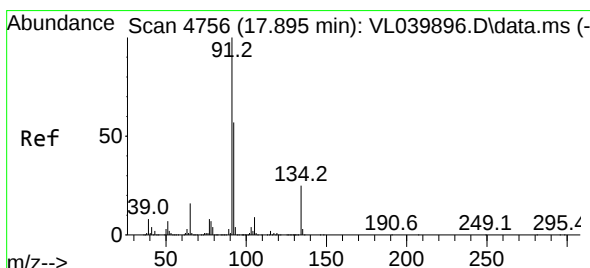
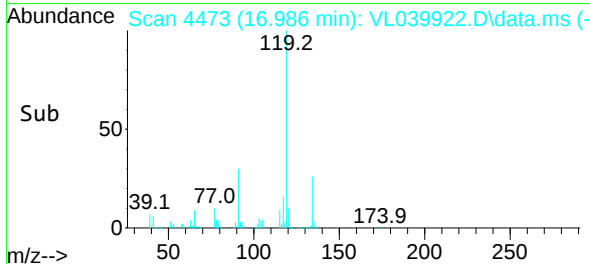
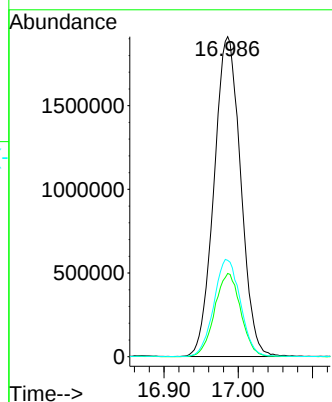
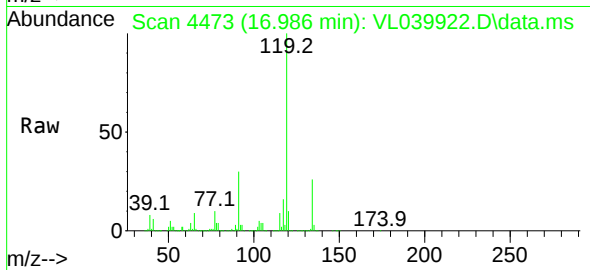




#69
p-Isopropyltoluene
Concen: 10.673 ppbv
RT: 16.986 min Scan# 4479
Delta R.T. 0.007 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

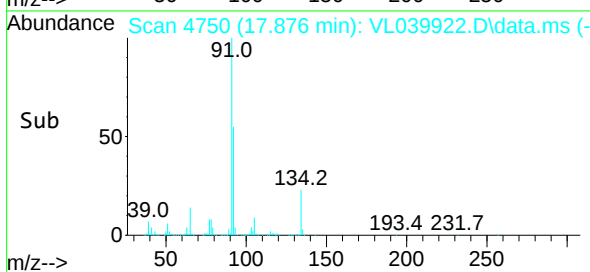
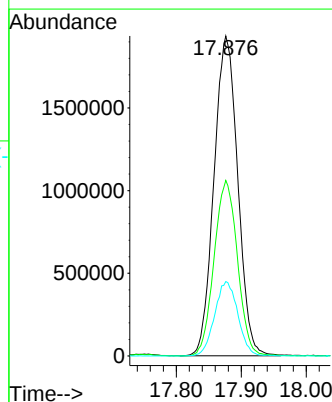
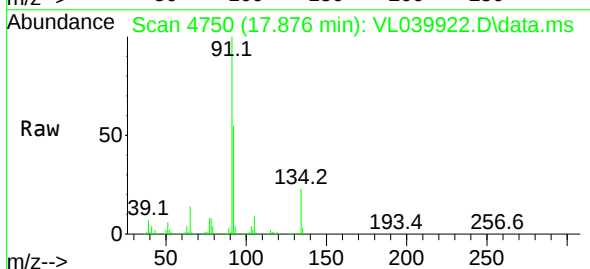
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

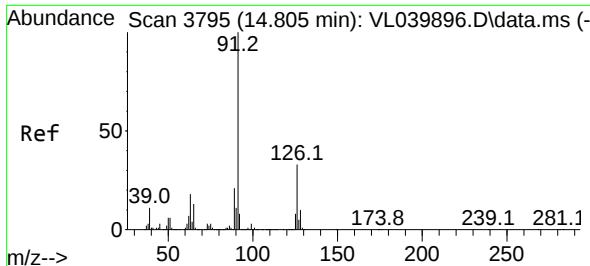
Tgt Ion:119 Resp: 4759470
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 30.3 24.4 36.6



#70
n-Butylbenzene
Concen: 11.089 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 91 Resp: 4902561
Ion Ratio Lower Upper
91 100
92 54.0 44.2 66.2
134 22.8 18.8 28.2

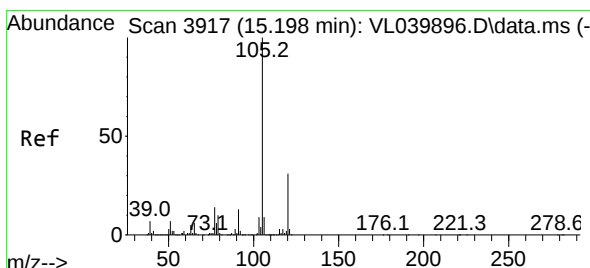
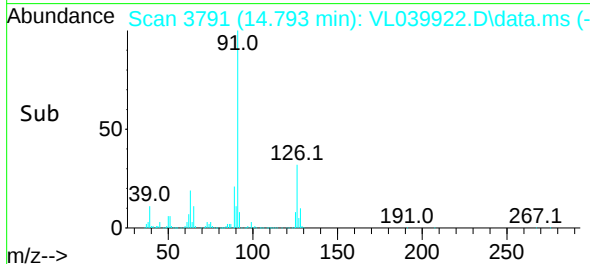
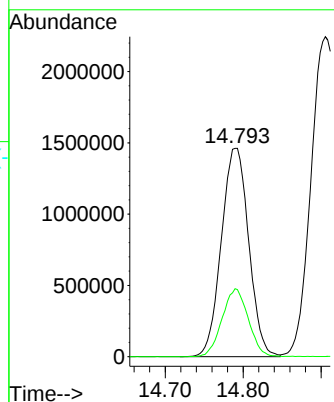
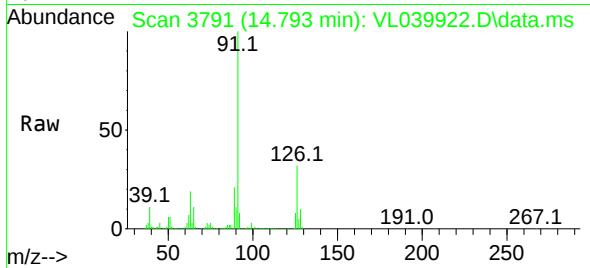




#71
2-Chlorotoluene
Concen: 10.455 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

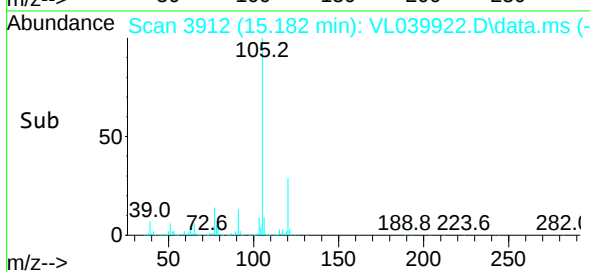
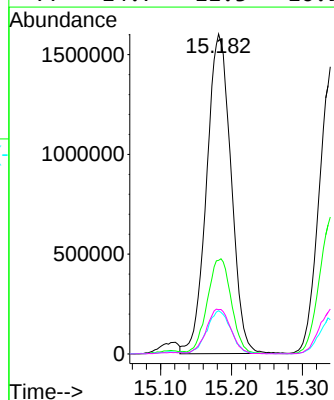
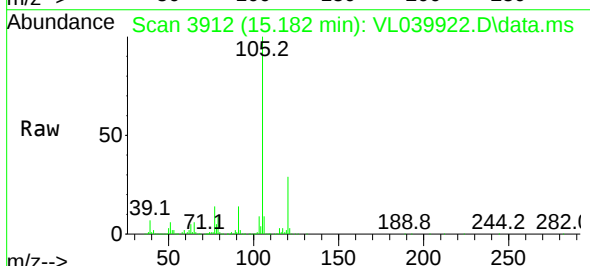
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

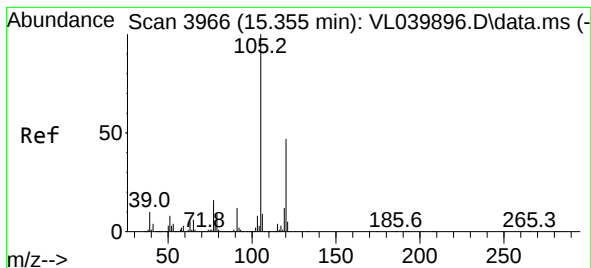
Tgt Ion: 91 Resp: 3566504
Ion Ratio Lower Upper
91 100
126 31.4 12.8 51.0



#72
4-Ethyltoluene
Concen: 10.911 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.007 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion: 105 Resp: 3827583
Ion Ratio Lower Upper
105 100
120 29.6 24.5 36.7
91 14.0 10.4 15.6
77 14.7 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.644 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. 0.007 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

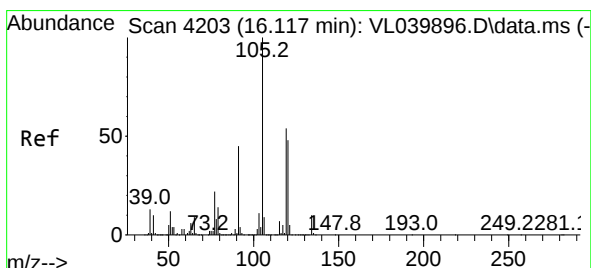
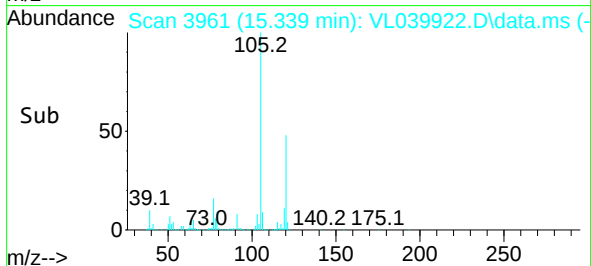
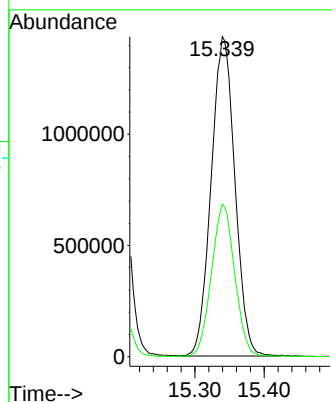
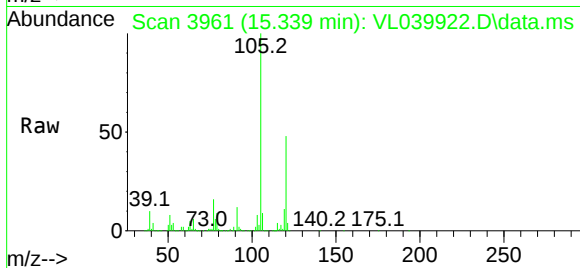
VL1122ABS01

Tgt Ion:105 Resp: 3418251

Ion Ratio Lower Upper

105 100

120 47.7 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 10.650 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.007 min

Lab File: VL039922.D

Acq: 22 Nov 2022 18:12

Tgt Ion:105 Resp: 3620705

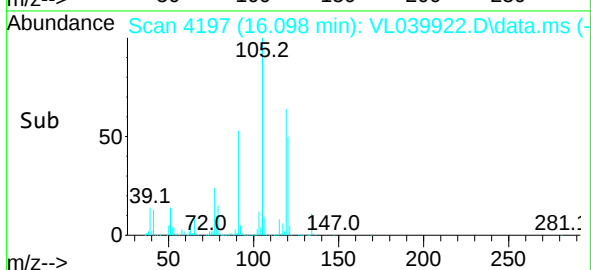
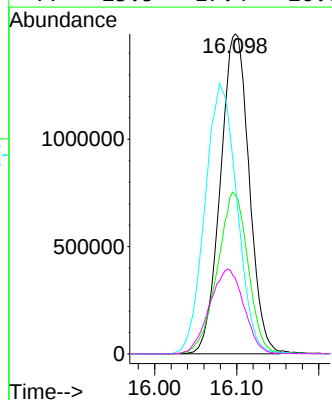
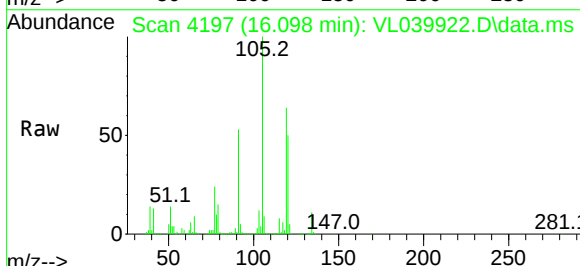
Ion Ratio Lower Upper

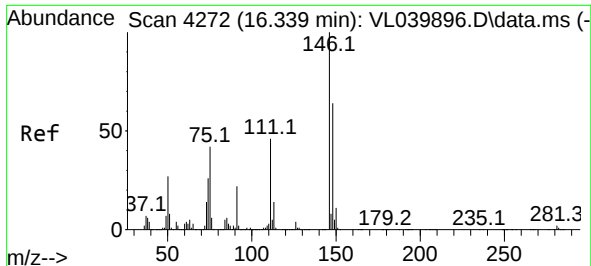
105 100

120 49.5 38.7 58.1

91 53.0 36.4 54.6

77 23.5 17.4 26.0

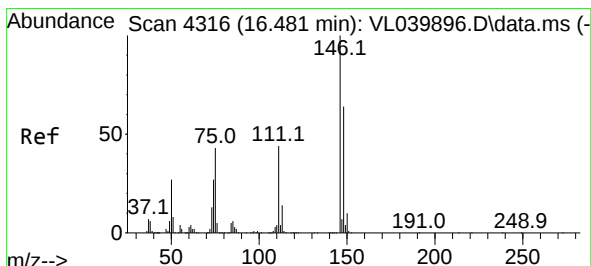
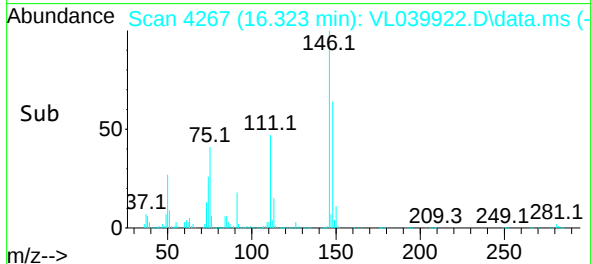
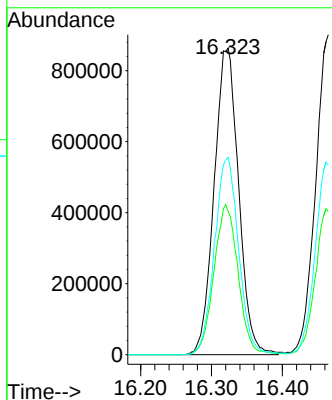
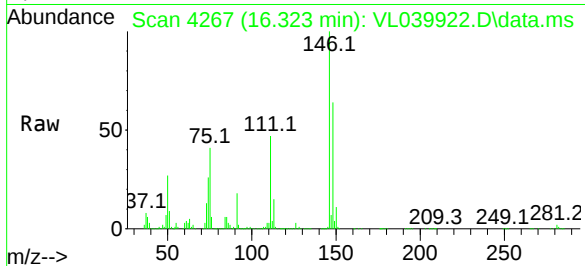




#75
1,3-Dichlorobenzene
Concen: 10.830 ppbv
RT: 16.323 min Scan# 4311
Delta R.T. 0.010 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

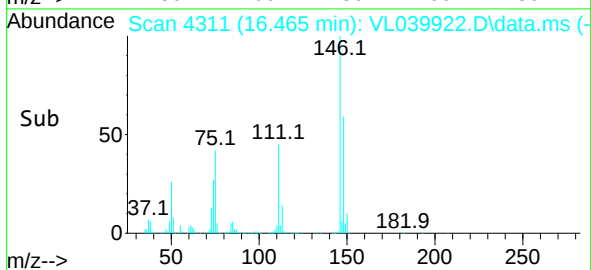
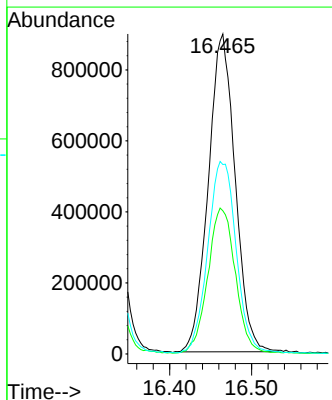
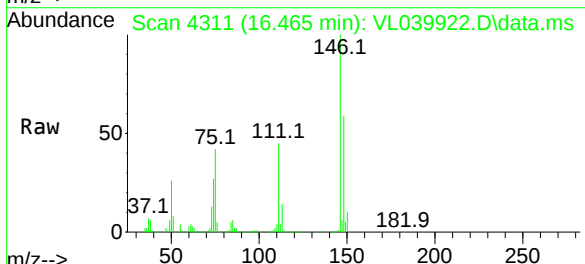
Instrument :
MSVOA_1
ClientSampleId :
VL1122ABS01

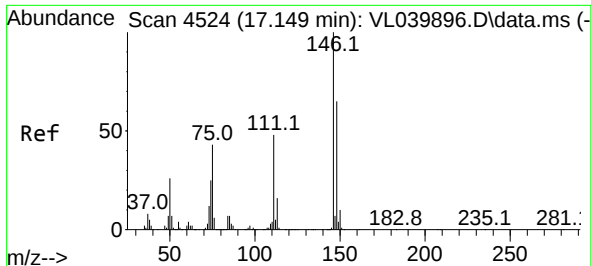
Tgt Ion:146 Resp: 2071560
Ion Ratio Lower Upper
146 100
111 48.4 23.3 69.9
148 63.6 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 10.759 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.007 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion:146 Resp: 2040221
Ion Ratio Lower Upper
146 100
111 47.6 22.4 67.3
148 64.4 32.3 96.9

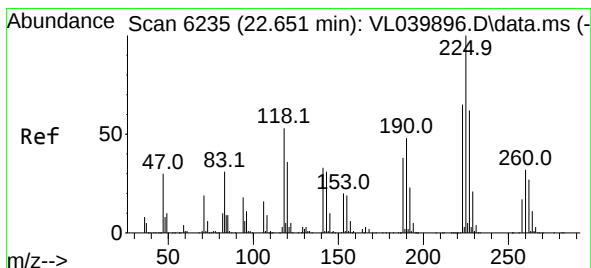
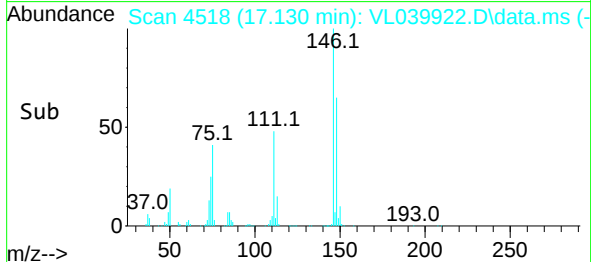
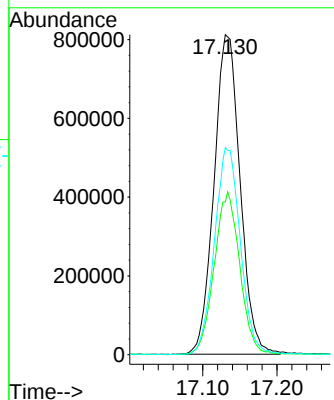
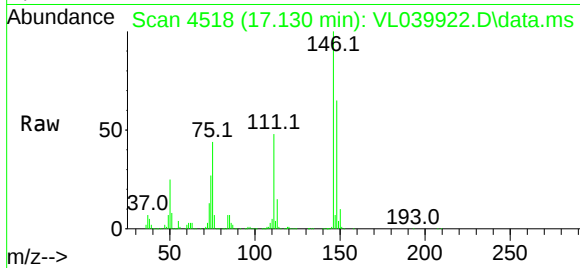




#77
1,2-Dichlorobenzene
Concen: 10.735 ppbv
RT: 17.130 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

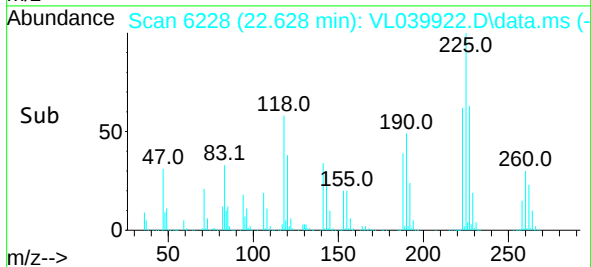
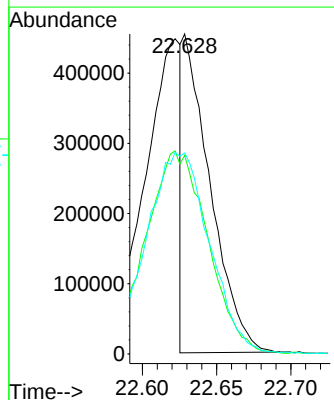
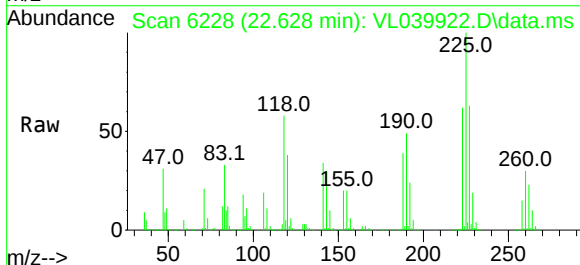
Instrument :
MSVOA_1
ClientSampleId :
VL1122ABS01

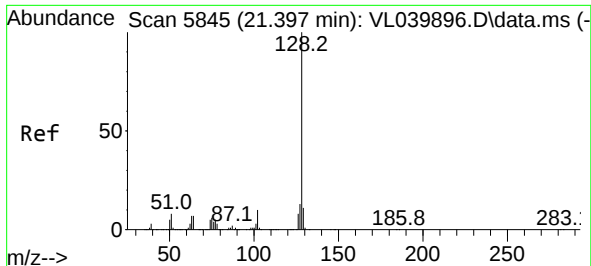
Tgt Ion:146 Resp: 1979772
Ion Ratio Lower Upper
146 100
111 50.2 24.1 72.3
148 64.7 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 4.537 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.003 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

Tgt Ion:225 Resp: 580568
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 50.8 76.2#

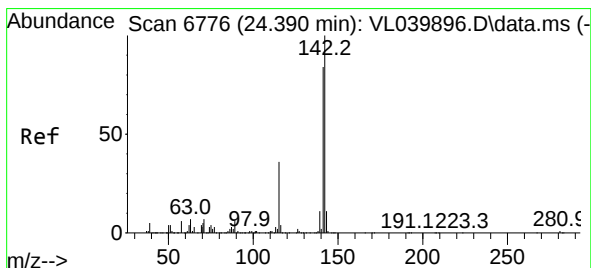
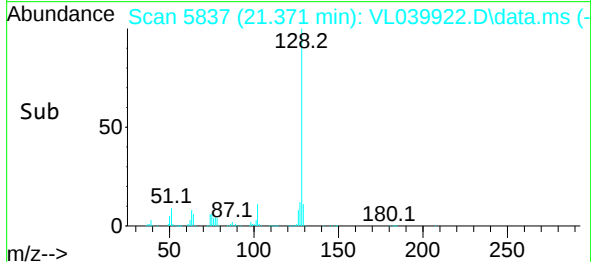
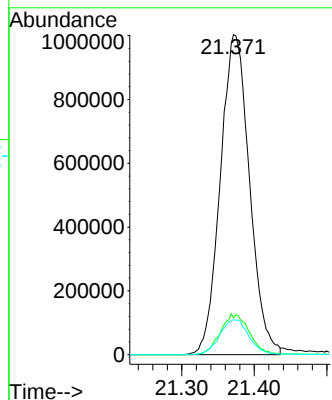
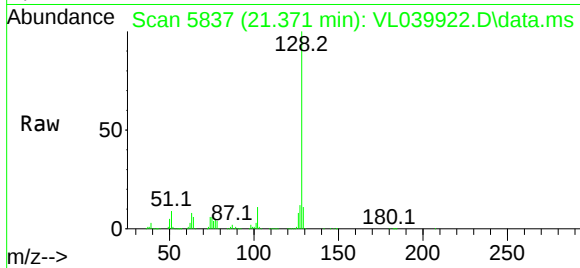




#79
Naphthalene
Concen: 13.784 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.000 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

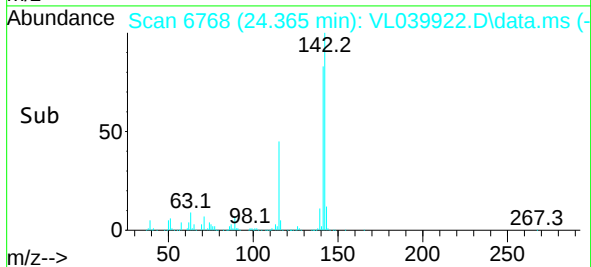
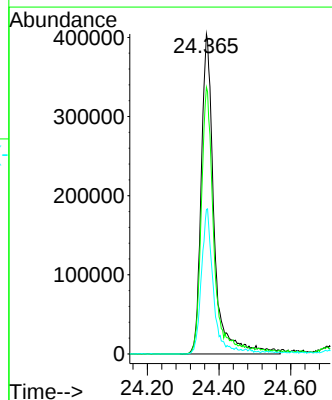
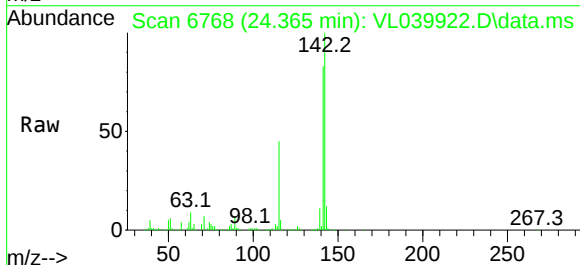
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABS01

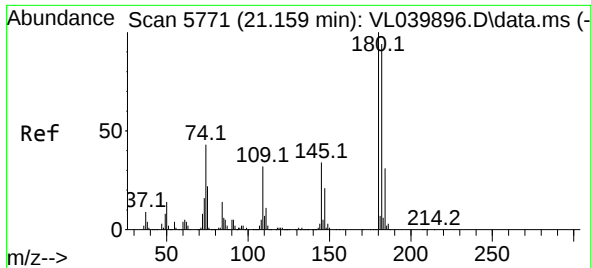
Tgt Ion:128 Resp: 2804795
Ion Ratio Lower Upper
128 100
127 11.5 10.0 15.0
129 10.9 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 17.609 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039922.D
Acq: 22 Nov 2022 18:12

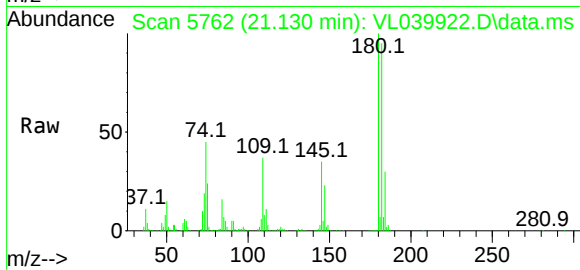
Tgt Ion:142 Resp: 1007721
Ion Ratio Lower Upper
142 100
141 82.3 69.1 103.7
115 41.9 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 11.885 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL039922.D
 Acq: 22 Nov 2022 18:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1122ABS01



Tgt Ion:180 Resp: 1493485

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.6
184	30.8	25.2	37.8

