

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040128.D
 Acq On : 30 Jan 2023 11:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	921047	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2539084	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3025043	10.000	ppbv	#-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1911083	7.601	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	76.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	1755756	10.872	ppbv	98
3) Chlorodifluoromethane	2.655	51	1074067	9.722	ppbv	96
4) Chloromethane	2.793	50	703924	10.310	ppbv	98
5) Vinyl Chloride	2.902	62	600730	10.378	ppbv	99
6) Bromomethane	3.102	94	195592	9.260	ppbv	98
7) Chloroethane	3.179	64	220249	9.955	ppbv	99
8) Dichlorotetrafluoroethane	2.838	85	1426058	9.459	ppbv	96
9) Propene	2.674	41	487394	10.619	ppbv	99
10) Heptane	7.568	43	1192413	11.272	ppbv	98
11) Trichlorofluoromethane	3.545	101	1441512	8.944	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1075808	8.879	ppbv	94
13) Ethanol	3.227	45	16696	3.952	ppbv #	38
14) Bromoethene	3.349	108	453111	10.074	ppbv	99
15) Acetone	3.449	43	1051917	9.523	ppbv	96
16) 1,3-Butadiene	2.967	39	536726	10.422	ppbv	99
17) tert-Butyl alcohol	3.861	59	1051952	10.227	ppbv	100
18) 1,1-Dichloroethene	3.864	96	502887	9.553	ppbv	98
19) Isopropyl Alcohol	3.558	45	527593	9.762	ppbv #	97
20) Methylene Chloride	3.915	84	422478	8.669	ppbv	94
21) Allyl Chloride	3.980	41	754808	10.642	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	527698	9.810	ppbv	95
23) Vinyl Acetate	4.613	43	386838	10.803	ppbv #	97
24) 1,1-Dichloroethane	4.549	63	1072023	9.887	ppbv	99
25) Ethyl Acetate	5.189	43	2128495	10.938	ppbv	99
26) Hexane	5.198	57	944896	11.095	ppbv	95
27) Carbon Disulfide	4.108	76	1350394	12.240	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	1013461	10.578	ppbv	100
29) Chloroform	5.259	83	1494784	10.978	ppbv	98
30) Cyclohexane	6.590	84	802279	11.850	ppbv	95
31) cis-1,2-Dichloroethene	5.063	61	830321	10.071	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	1500950	10.845	ppbv	100
34) 2-Butanone	4.771	43	1194229	9.944	ppbv	99
35) Carbon Tetrachloride	6.481	117	1590241	11.077	ppbv	99
36) Benzene	6.359	78	2027818	10.792	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1136054	9.406	ppbv	98
38) Trichloroethene	7.278	130	1176843	11.036	ppbv	95
39) 1,2-Dichloropropane	7.063	63	763385	10.387	ppbv	94
40) 1,4-Dioxane	7.275	88	303679	10.412	ppbv	97
41) Tetrahydrofuran	5.542	42	776373	11.200	ppbv	97
42) Bromodichloromethane	7.237	83	1732614	10.624	ppbv	99
43) Methyl Methacrylate	7.465	69	809644	11.742	ppbv	96
44) 2,2,4-Trimethylpentane	7.314	57	3269600	10.463	ppbv	98
45) t-1,3-Dichloropropene	8.700	75	811156	13.193	ppbv	99

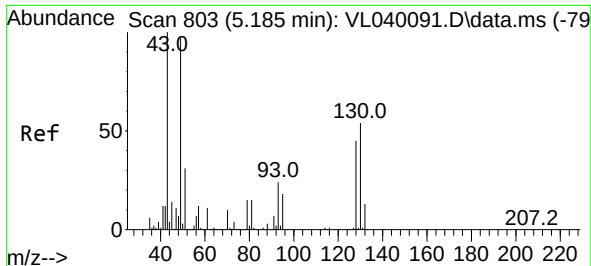
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040128.D
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Quant Time: Jan 31 05:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	1083095	12.891	ppbv	94
47) 1,1,2-Trichloroethane	8.886	97	834929	10.790	ppbv	99
48) Dibromochloromethane	9.700	129	1480326	11.903	ppbv	99
49) Bromoform	12.397	173	1206064	12.589	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2041912	10.809	ppbv	98
51) 2-Hexanone	9.542	43	1602876	11.200	ppbv #	95
52) Tetrachloroethene	10.606	164	707651	11.512	ppbv	98
53) Toluene	9.211	91	2341326	11.683	ppbv	99
54) 1,2-Dibromoethane	9.999	107	961989	11.875	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.500	131	1014244	8.615	ppbv	97
57) Chlorobenzene	11.516	112	1796862	8.714	ppbv	94
58) Ethyl Benzene	12.082	91	3146279	9.320	ppbv	97
59) m/p-Xylene	12.365	91	2705665	8.914	ppbv #	30
60) o-Xylene	13.050	91	2519303	8.744	ppbv	98
61) Styrene	12.892	104	1538283	10.246	ppbv	96
62) Isopropylbenzene	14.024	105	3598564	8.684	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	845354	8.081	ppbv	99
64) n-propylbenzene	14.912	120	939324	9.118	ppbv	92
65) tert-Butylbenzene	16.085	119	3109573	8.765	ppbv	96
66) Benzyl Chloride	16.323	91	269628	11.120	ppbv #	92
67) sec-Butylbenzene	16.632	105	4364595	8.678	ppbv	99
69) p-Isopropyltoluene	16.989	119	3563620	9.016	ppbv	98
70) n-Butylbenzene	17.883	91	3696536	8.672	ppbv	99
71) 2-Chlorotoluene	14.796	91	2755157	8.645	ppbv	97
72) 4-Ethyltoluene	15.188	105	2900106	9.071	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	2551567	8.864	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	2755210	8.641	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	1549136	8.747	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1537201	8.828	ppbv	98
77) 1,2-Dichlorobenzene	17.137	146	1475999	8.715	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	978398	7.887	ppbv	99
79) Naphthalene	21.378	128	2061410	11.285	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	683518	11.105	ppbv	98
81) 1,2,4-Trichlorobenzene	21.133	180	1079623	9.589	ppbv	99

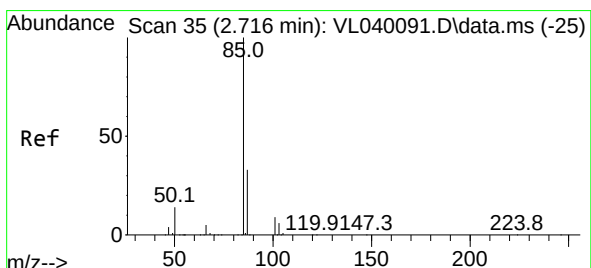
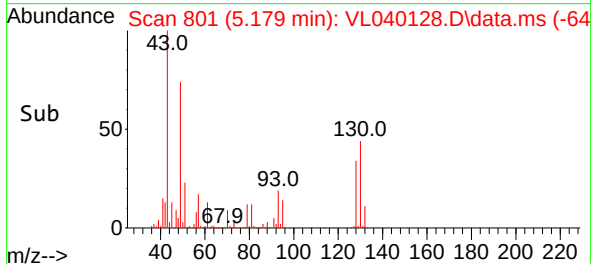
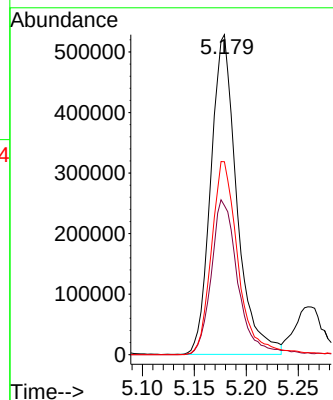
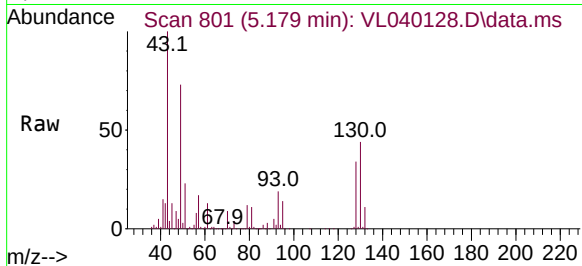
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

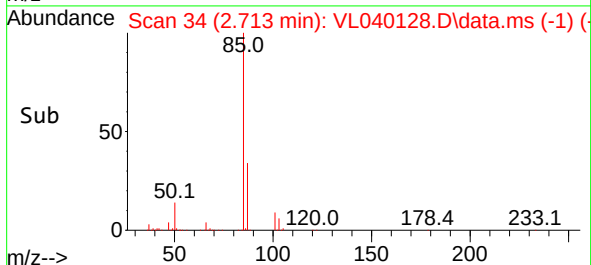
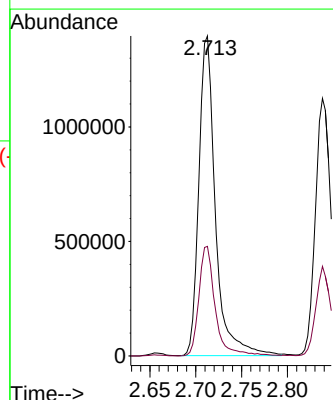
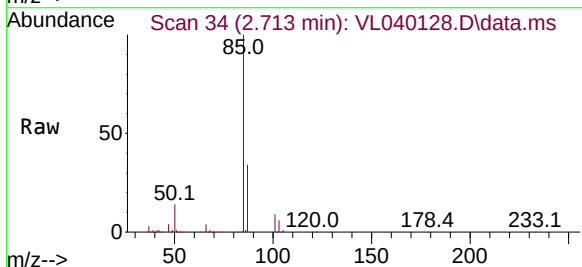
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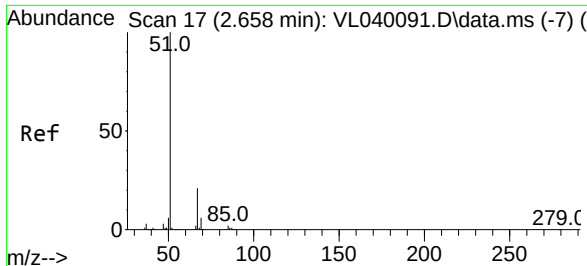
Tgt Ion: 49 Resp: 921047
Ion Ratio Lower Upper
49 100
128 50.2 23.6 71.0
130 62.7 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 10.872 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 85 Resp: 1755756
Ion Ratio Lower Upper
85 100
87 34.2 26.5 39.7

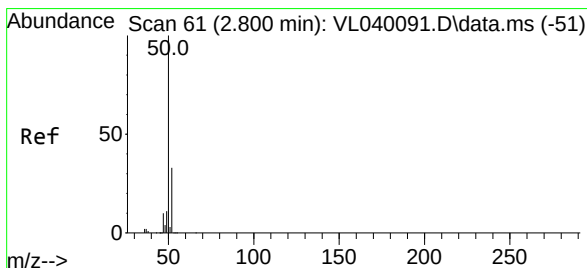
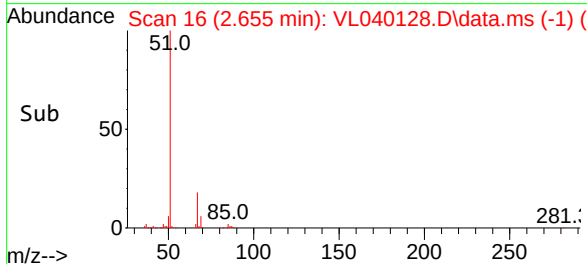
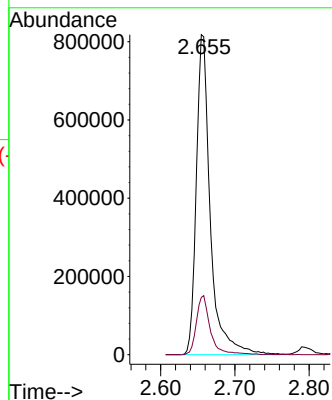
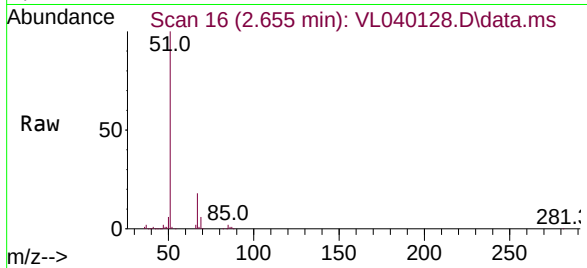




#3
Chlorodifluoromethane
Concen: 9.722 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

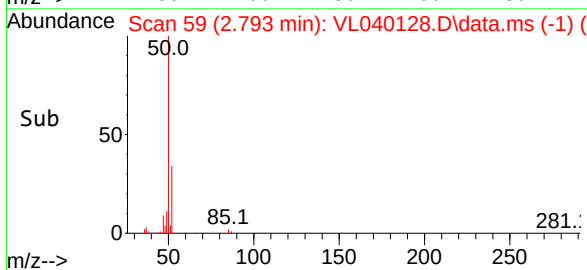
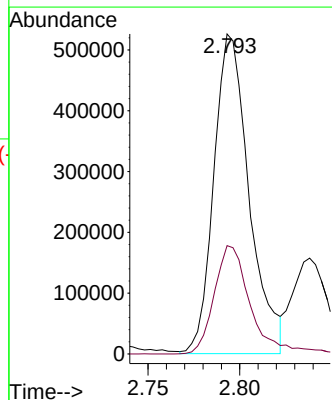
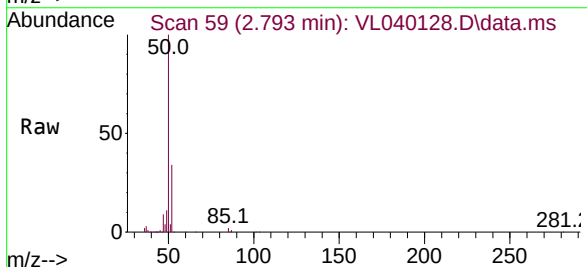
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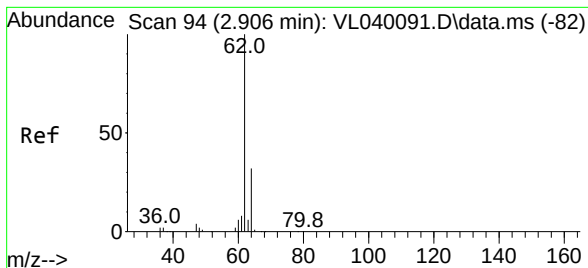
Tgt Ion: 51 Resp: 1074067
Ion Ratio Lower Upper
51 100
67 18.5 16.4 24.6



#4
Chloromethane
Concen: 10.310 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.006 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 50 Resp: 703924
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

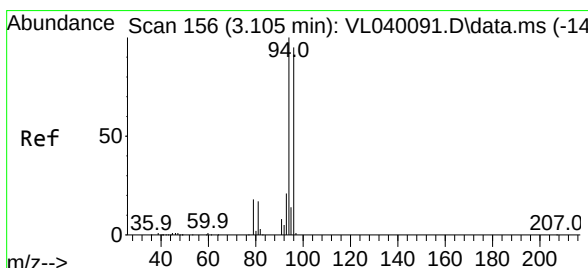
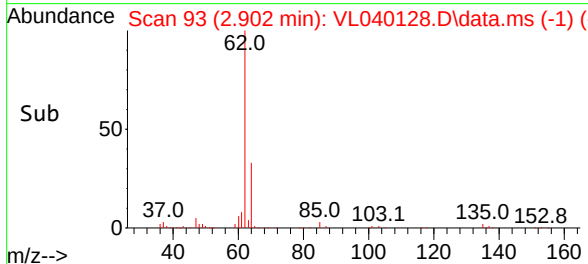
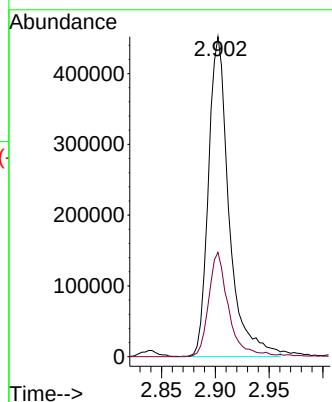
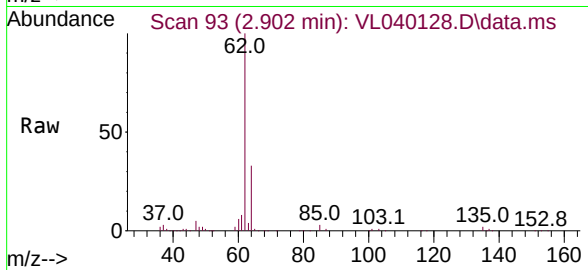




#5
 Vinyl Chloride
 Concen: 10.378 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

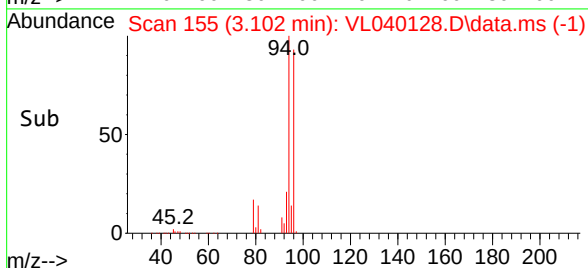
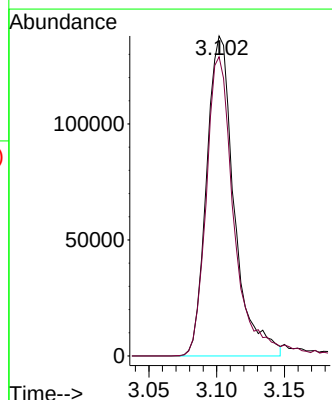
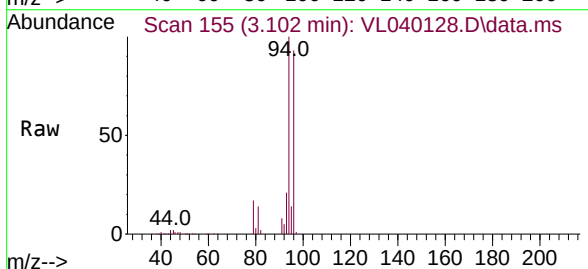
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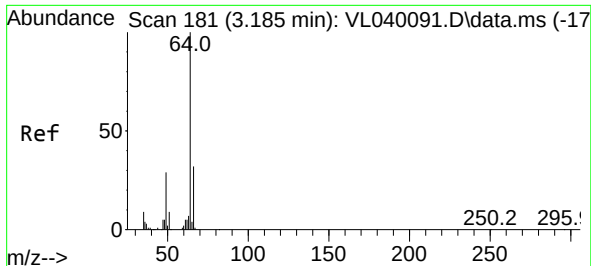
Tgt Ion: 62 Resp: 600730
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.8 38.6



#6
 Bromomethane
 Concen: 9.260 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Tgt Ion: 94 Resp: 195592
 Ion Ratio Lower Upper
 94 100
 96 93.3 76.2 114.2

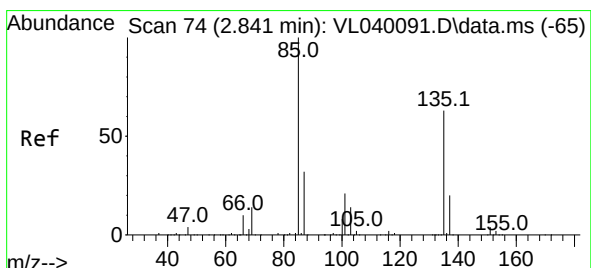
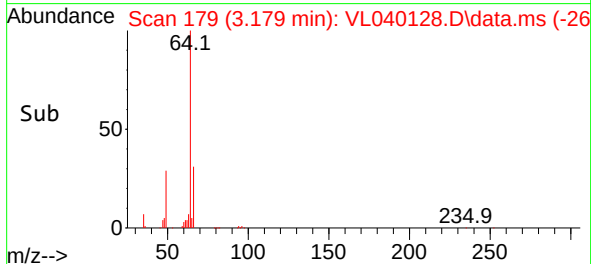
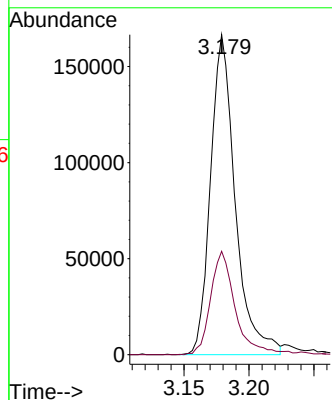
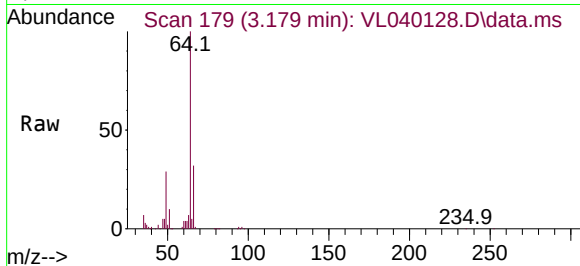




#7
Chloroethane
Concen: 9.955 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

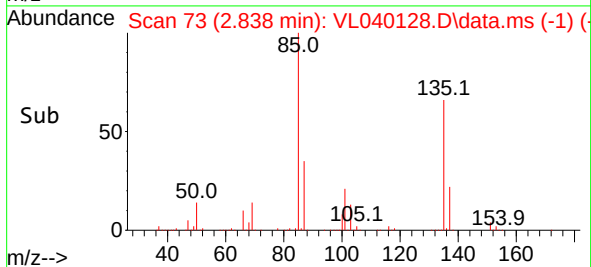
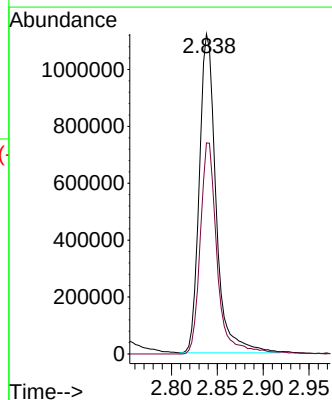
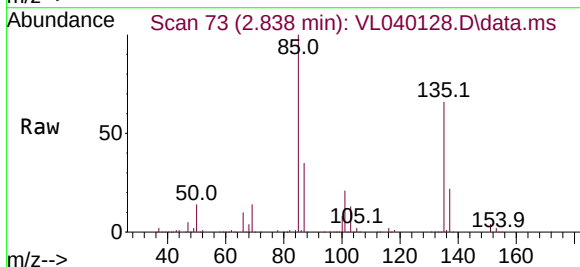
Instrument :
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ClientSampleId :

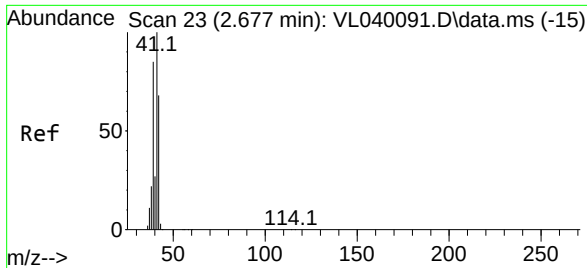
Tgt Ion: 64 Resp: 220249
Ion Ratio Lower Upper
64 100
66 32.3 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.459 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 85 Resp: 1426058
Ion Ratio Lower Upper
85 100
135 67.3 51.4 77.2

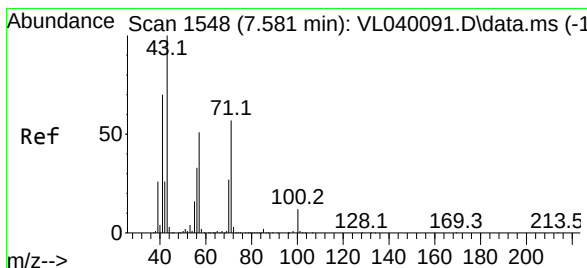
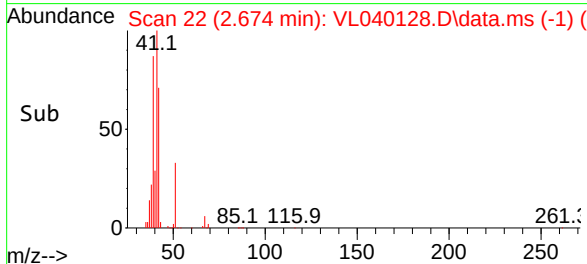
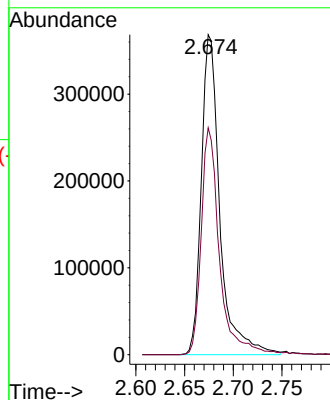
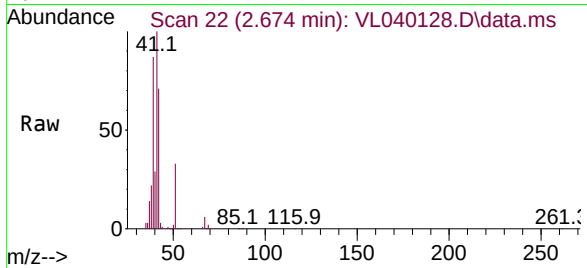




#9
 Propene
 Concen: 10.619 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

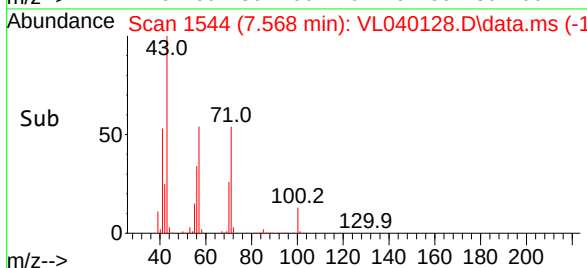
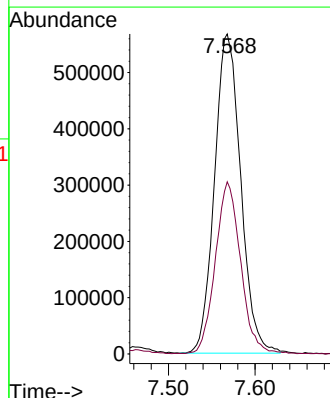
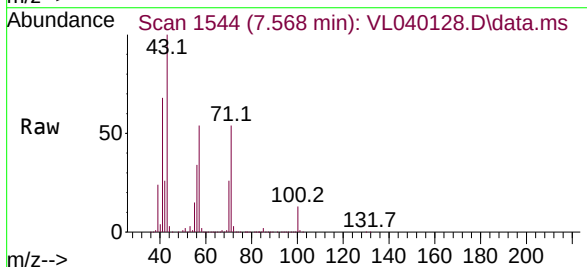
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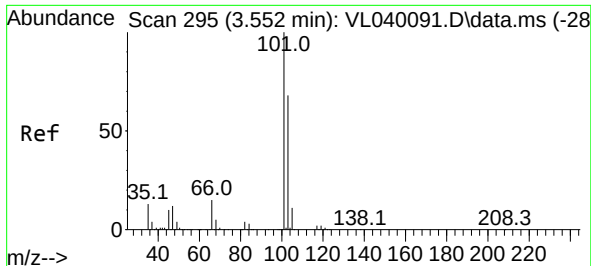
Tgt Ion: 41 Resp: 487394
 Ion Ratio Lower Upper
 41 100
 42 70.2 55.6 83.4



#10
 Heptane
 Concen: 11.272 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.013 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Tgt Ion: 43 Resp: 1192413
 Ion Ratio Lower Upper
 43 100
 57 52.4 40.9 61.3

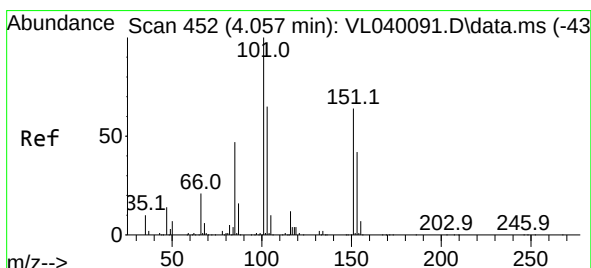
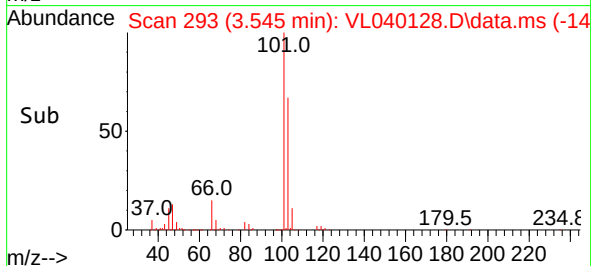
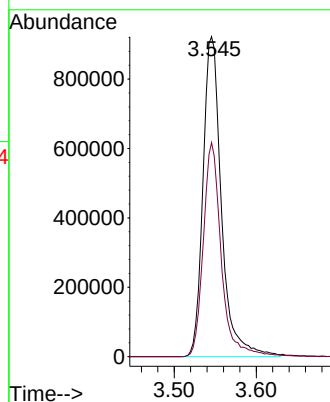
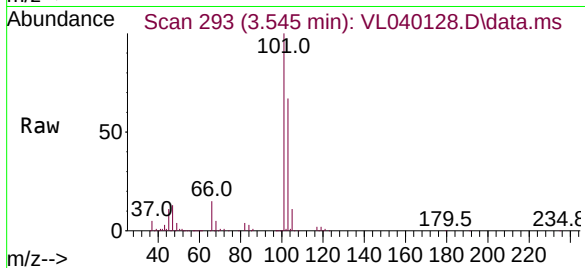




#11
 Trichlorofluoromethane
 Concen: 8.944 ppbv
 RT: 3.545 min Scan# 295
 Delta R.T. -0.006 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

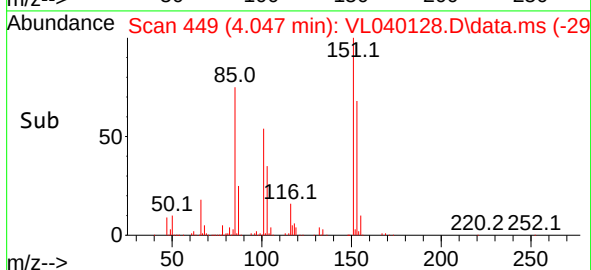
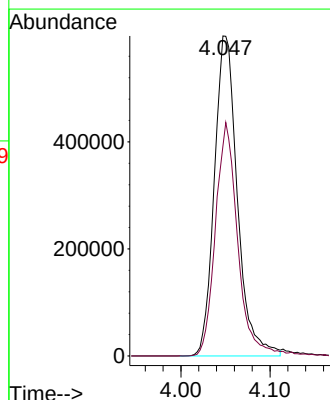
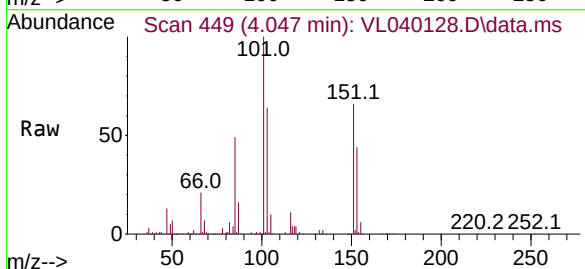
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 MSVOA_L
 ClientSampleId :

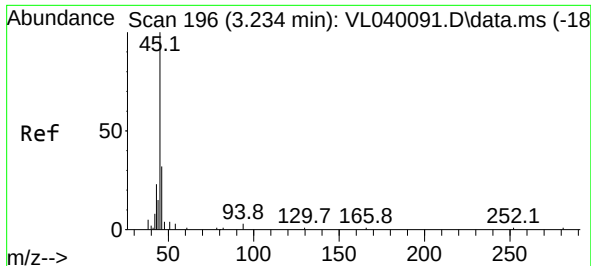
Tgt Ion:101 Resp: 1441512
 Ion Ratio Lower Upper
 101 100
 103 66.9 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.879 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. -0.010 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Tgt Ion:101 Resp: 1075808
 Ion Ratio Lower Upper
 101 100
 151 71.1 53.2 79.8

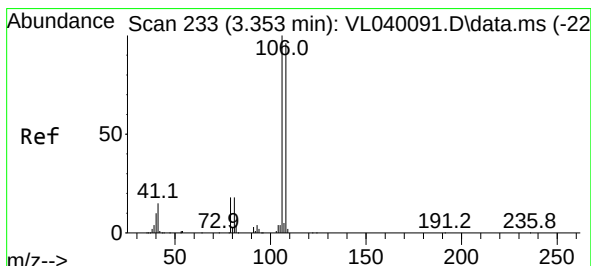
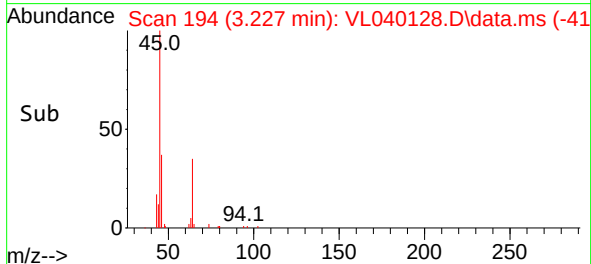
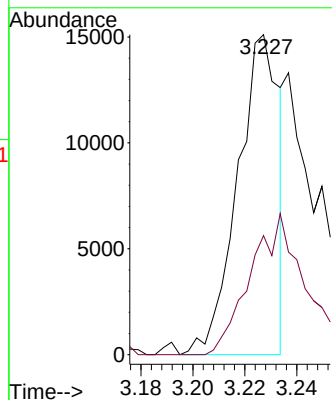
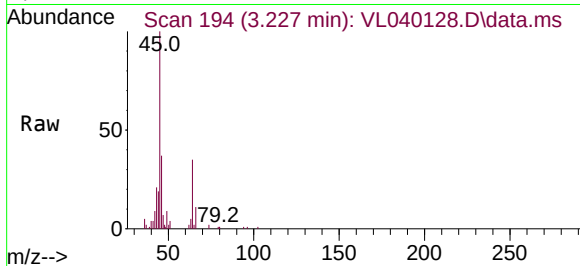




#13
 Ethanol
 Concen: 3.952 ppbv
 RT: 3.227 min Scan# 196
 Delta R.T. -0.006 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

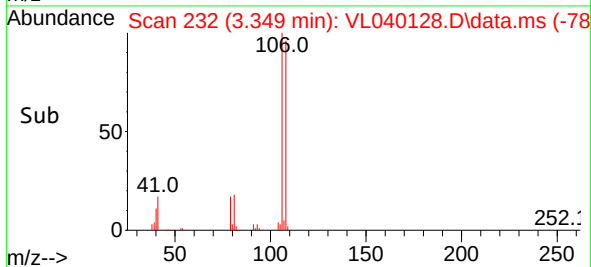
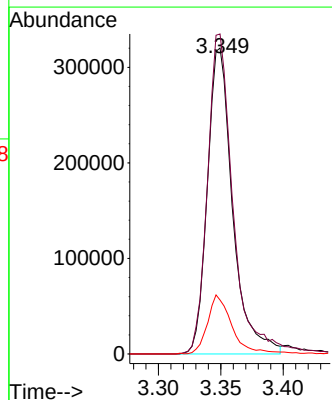
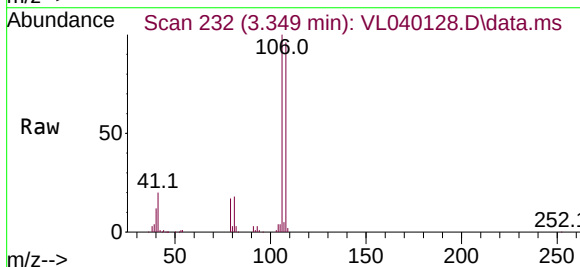
Instrument :
 MSVOA_L
 ClientSampleId :

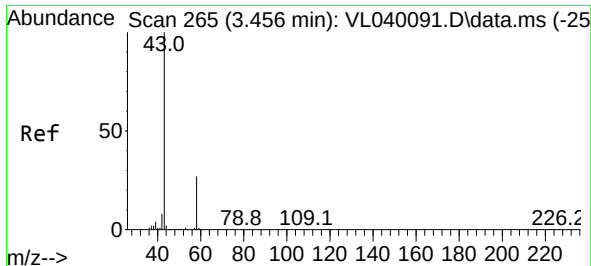
Tgt Ion: 45 Resp: 16696
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.8 59.2#



#14
 Bromoethene
 Concen: 10.074 ppbv
 RT: 3.349 min Scan# 232
 Delta R.T. -0.003 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Tgt Ion: 108 Resp: 453111
 Ion Ratio Lower Upper
 108 100
 106 107.6 87.0 130.6
 79 19.2 16.1 24.1

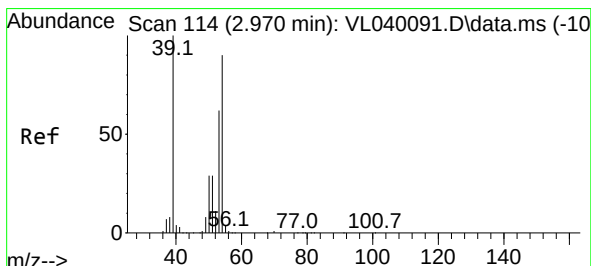
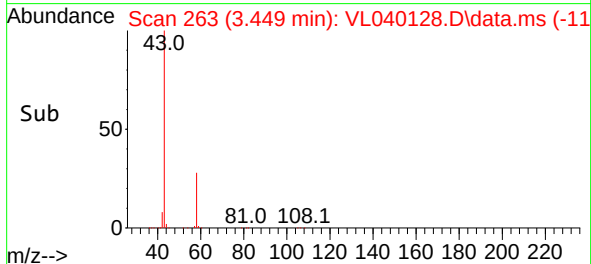
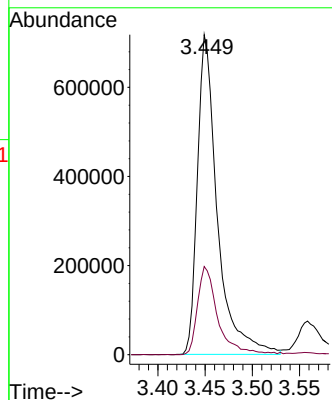
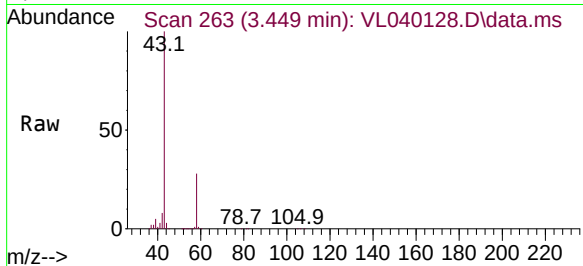




#15
Acetone
Concen: 9.523 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

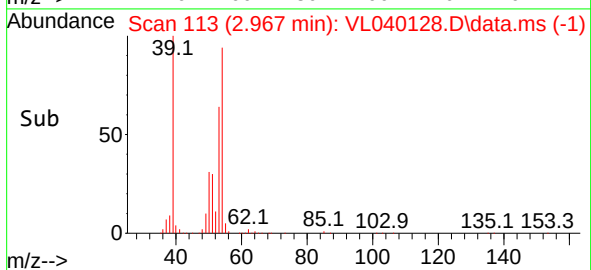
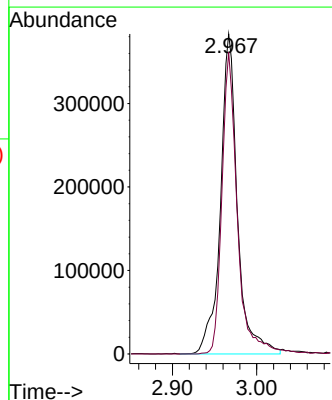
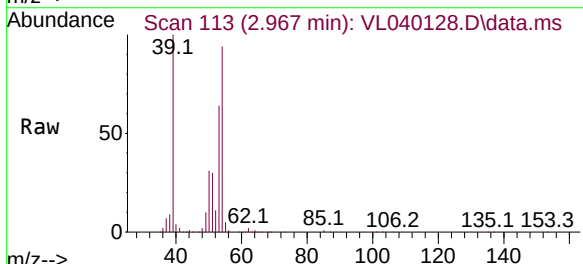
Instrument :
MSVOA_L
ClientSampleId :

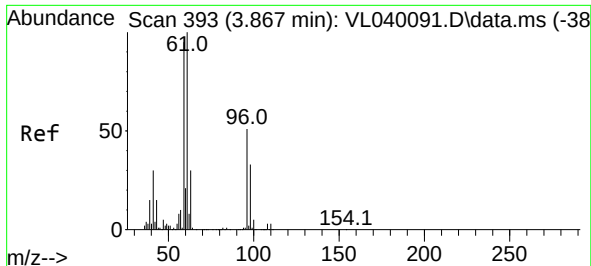
Tgt Ion: 43 Resp: 1051917
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.8



#16
1,3-Butadiene
Concen: 10.422 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 39 Resp: 536726
Ion Ratio Lower Upper
39 100
54 86.0 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.227 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

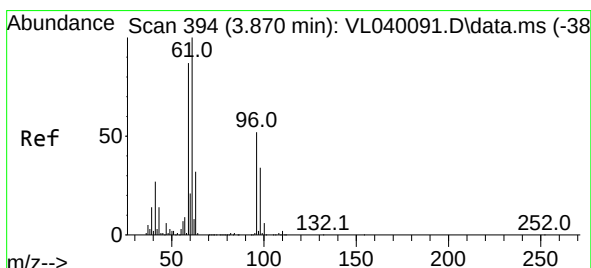
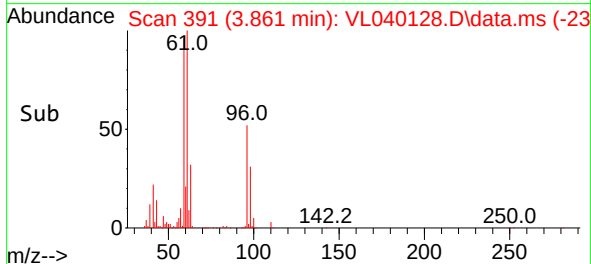
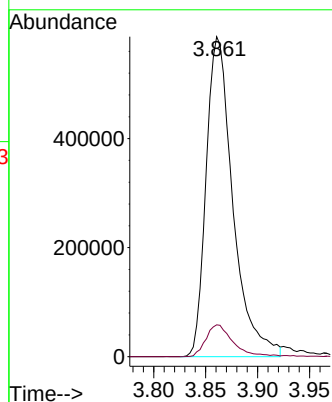
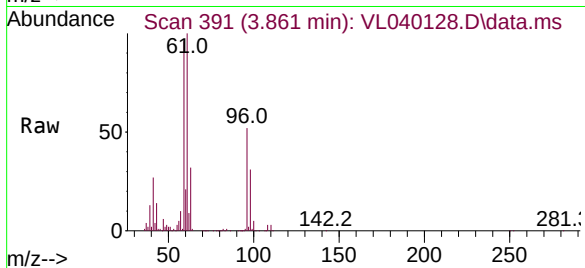
ClientSampleId :

Tgt Ion: 59 Resp: 1051952

Ion Ratio Lower Upper

59 100

57 10.4 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.553 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.007 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

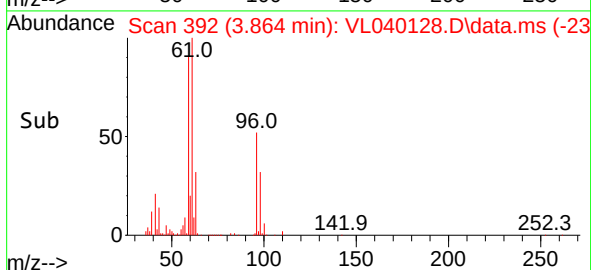
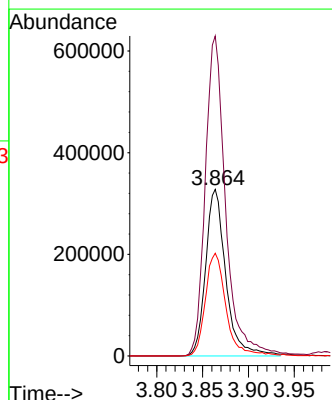
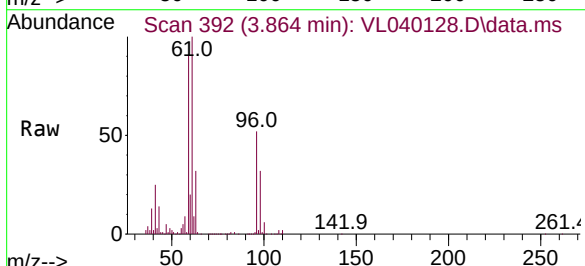
Tgt Ion: 96 Resp: 502887

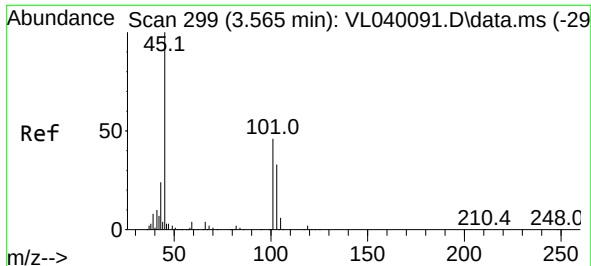
Ion Ratio Lower Upper

96 100

61 192.1 153.0 229.4

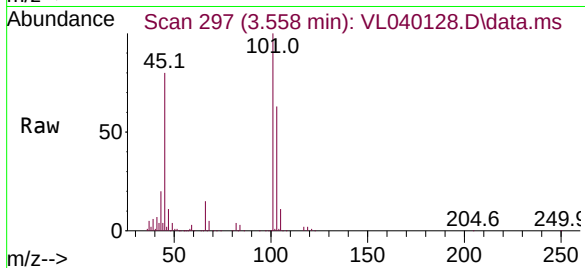
98 61.6 52.7 79.1



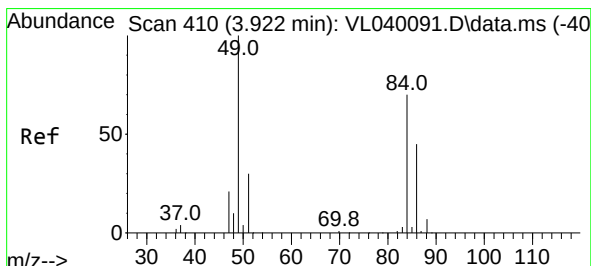
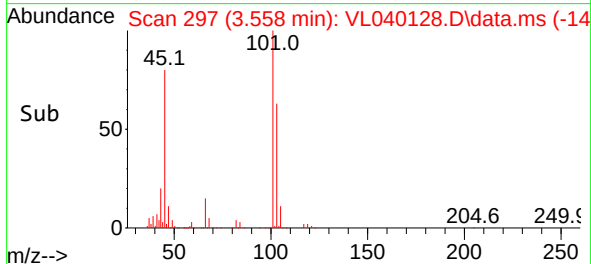
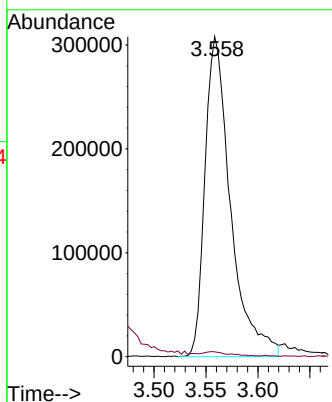


#19
Isopropyl Alcohol
Concen: 9.762 ppbv
RT: 3.558 min Scan# 29
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :

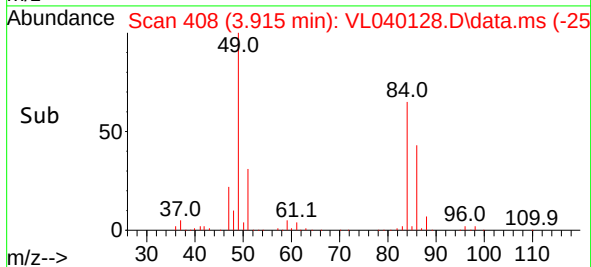
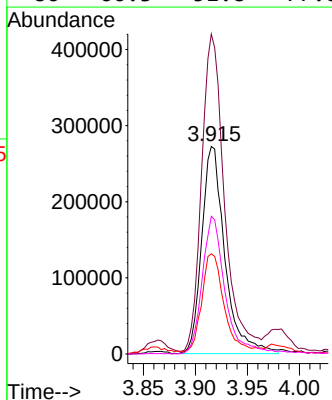
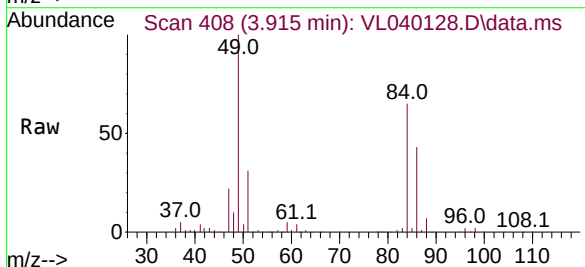


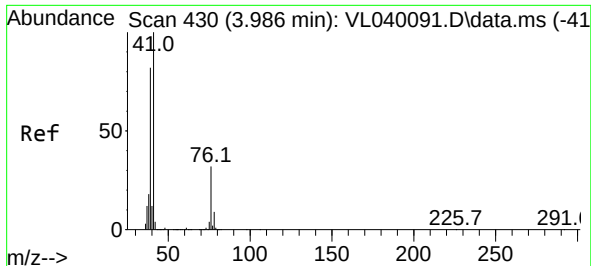
Tgt Ion: 45 Resp: 527593
Ion Ratio Lower Upper
45 100
58 2.4 2.6 4.0#



#20
Methylene Chloride
Concen: 8.669 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 84 Resp: 422478
Ion Ratio Lower Upper
84 100
49 153.1 114.6 171.8
51 46.9 34.3 51.5
86 66.3 51.8 77.8





#21

Allyl Chloride

Concen: 10.642 ppbv

RT: 3.980 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

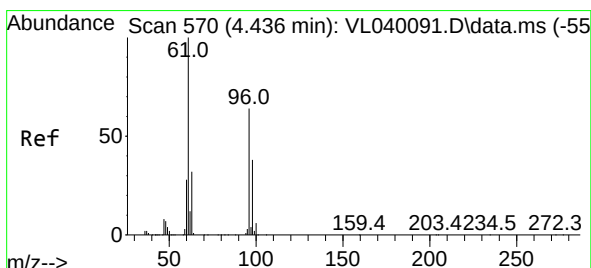
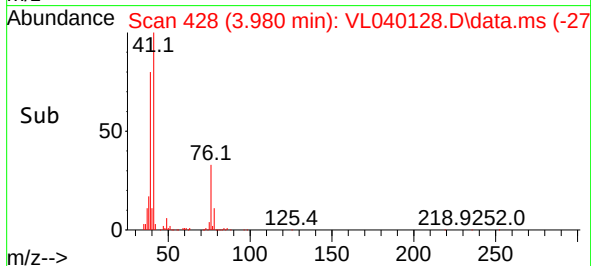
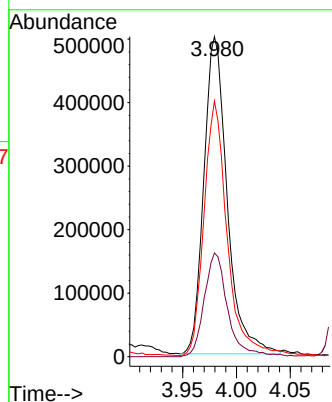
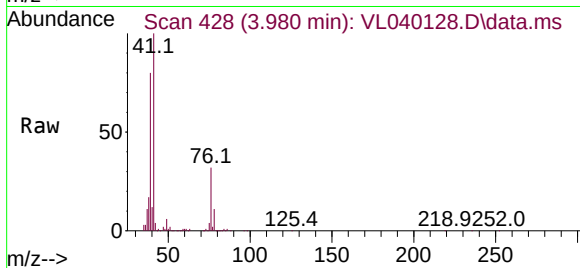
Tgt Ion: 41 Resp: 754808

Ion Ratio Lower Upper

41 100

76 33.0 25.9 38.9

39 80.2 66.8 100.2



#22

trans-1,2-Dichloroethene

Concen: 9.810 ppbv

RT: 4.430 min Scan# 568

Delta R.T. -0.007 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

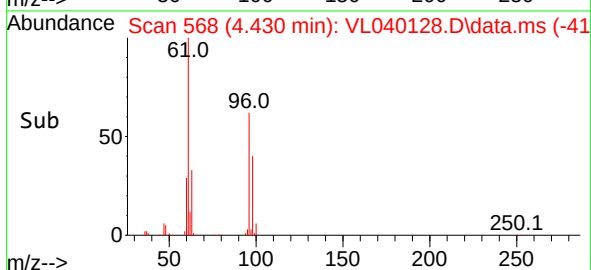
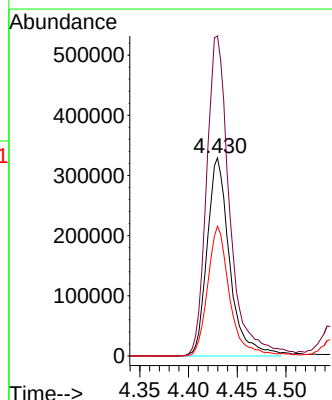
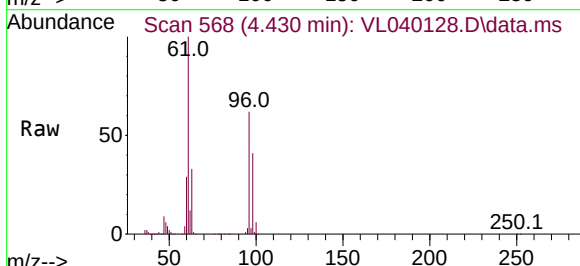
Tgt Ion: 96 Resp: 527698

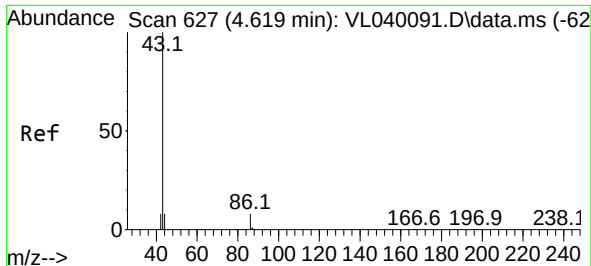
Ion Ratio Lower Upper

96 100

61 161.5 125.8 188.8

98 65.5 47.4 71.2

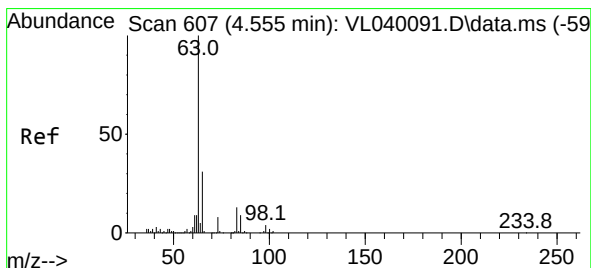
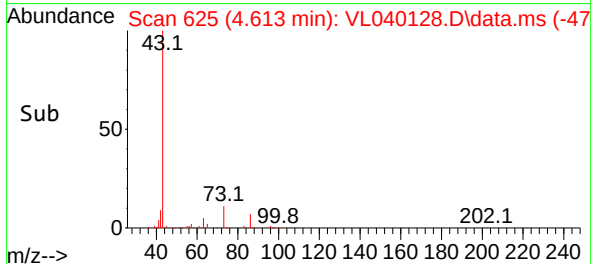
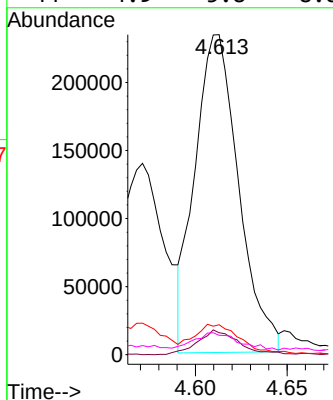
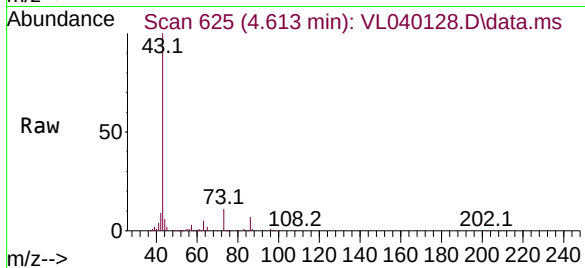




#23
 Vinyl Acetate
 Concen: 10.803 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

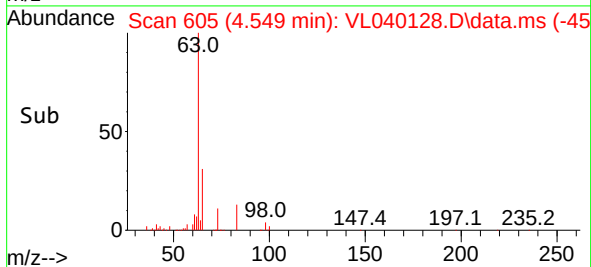
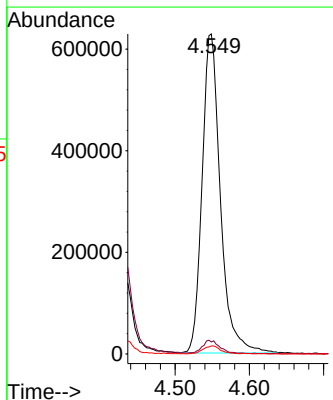
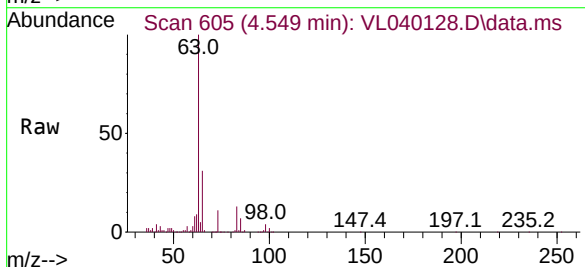
Instrument :
 MSVOA_1
 ClientSampleId :

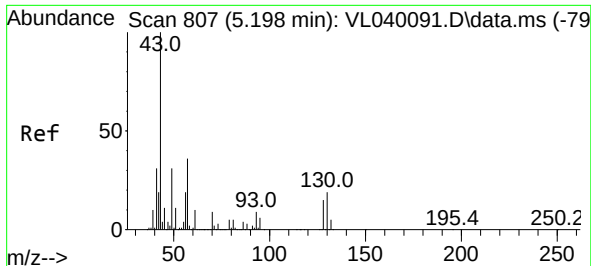
Tgt Ion: 43 Resp: 386838
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.6 8.4
 42 8.9 7.7 11.5
 44 4.9 5.8 8.8#



#24
 1,1-Dichloroethane
 Concen: 9.887 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.007 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

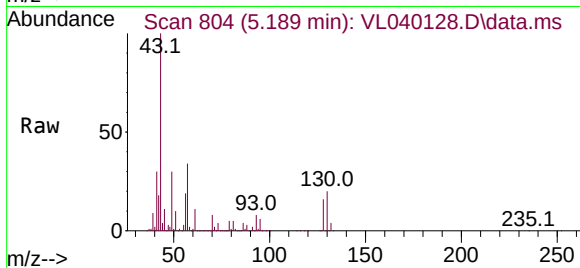
Tgt Ion: 63 Resp: 1072023
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.0 5.8
 100 2.5 1.1 3.5





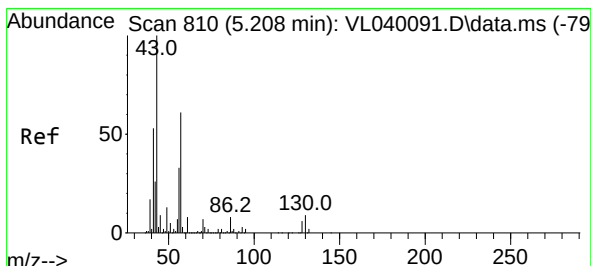
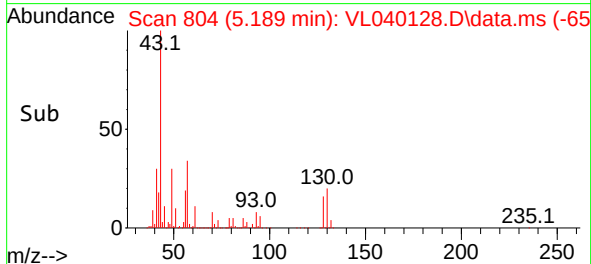
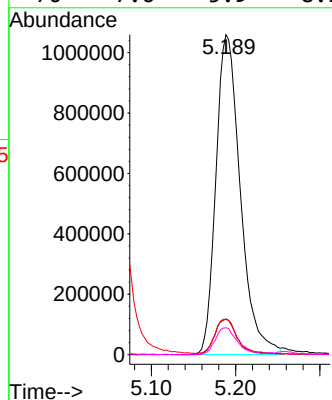
#25
Ethyl Acetate
Concen: 10.938 ppbv
RT: 5.189 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2128495

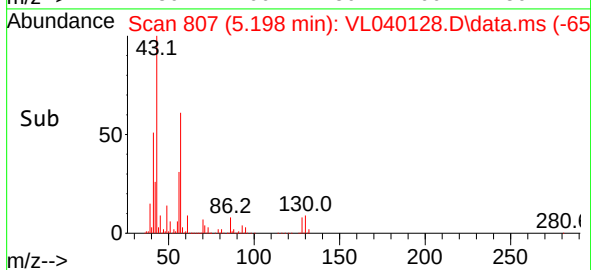
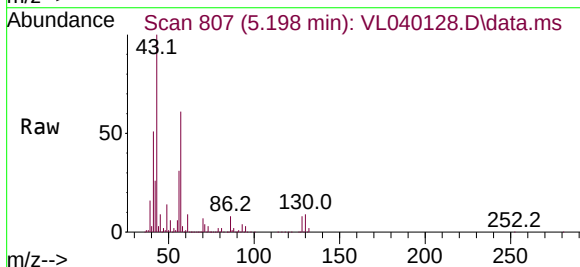
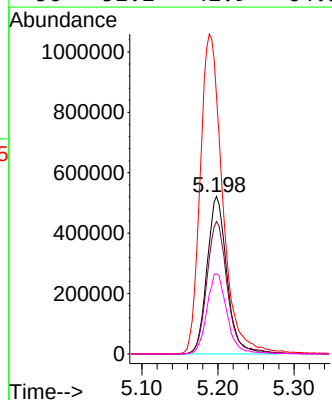
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.5	12.7
61	10.8	8.4	12.6
70	7.6	5.9	8.9

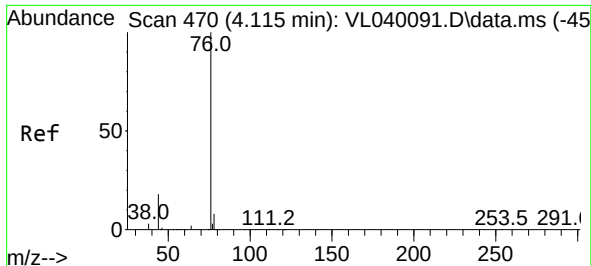


#26
Hexane
Concen: 11.095 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 57 Resp: 944896

Ion	Ratio	Lower	Upper
57	100		
41	88.5	72.2	108.4
43	229.1	192.1	288.1
56	52.2	42.9	64.3

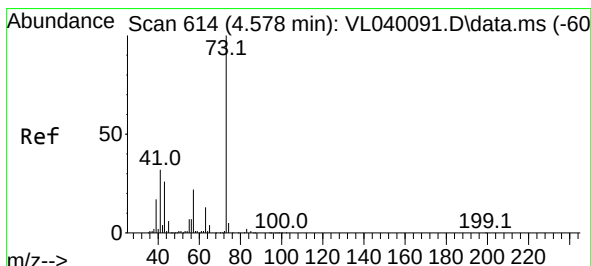
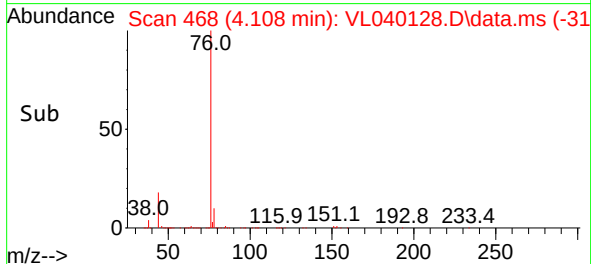
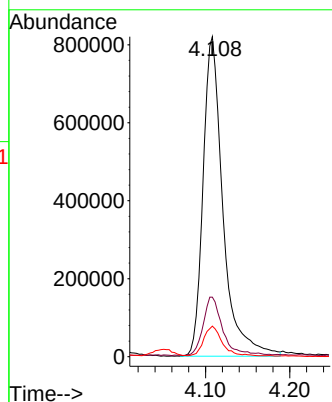
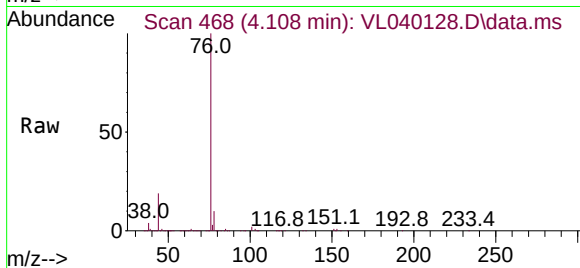




#27
Carbon Disulfide
Concen: 12.240 ppbv
RT: 4.108 min Scan# 411
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

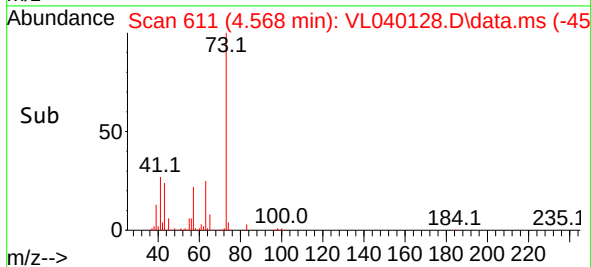
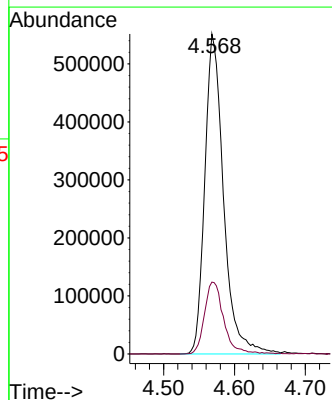
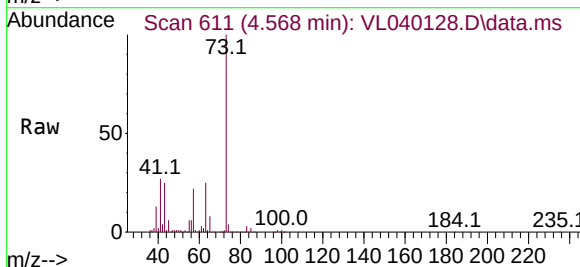
Instrument :
MSVOA_L
ClientSampleId :

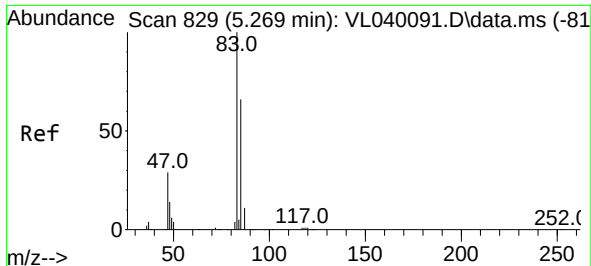
Tgt Ion: 76 Resp: 1350394
Ion Ratio Lower Upper
76 100
44 18.4 14.9 22.3
78 9.6 8.2 12.2



#28
Methyl tert-Butyl Ether
Concen: 10.578 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 73 Resp: 1013461
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5





#29

Chloroform

Concen: 10.978 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

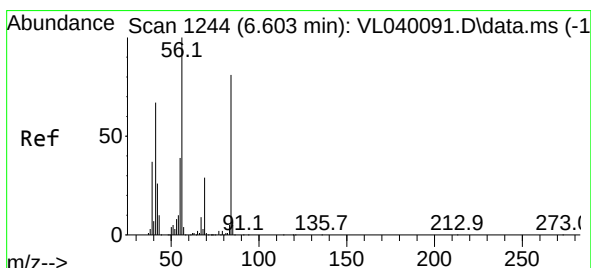
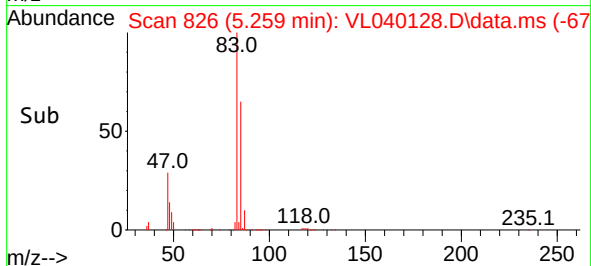
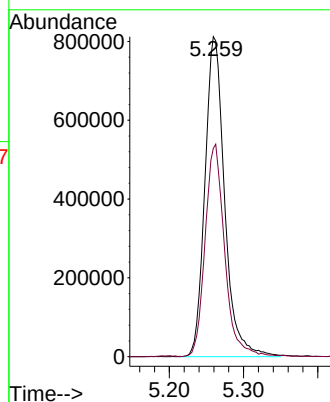
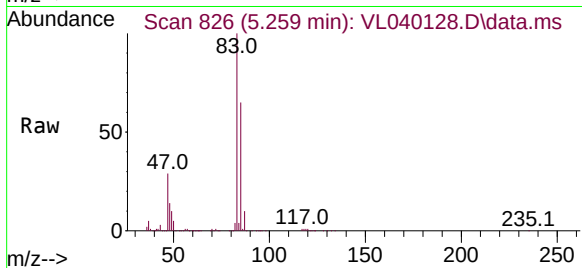
ClientSampleId :

Tgt Ion: 83 Resp: 1494784

Ion Ratio Lower Upper

83 100

85 65.0 53.1 79.7



#30

Cyclohexane

Concen: 11.850 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

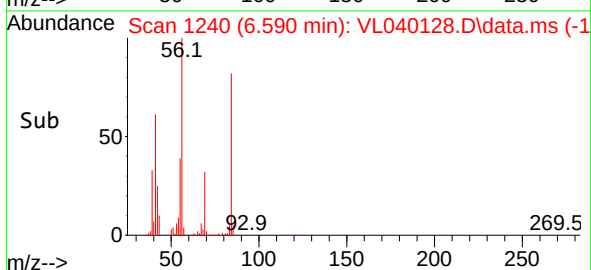
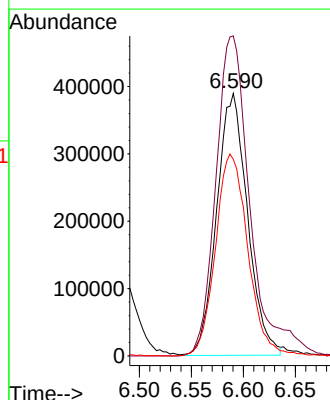
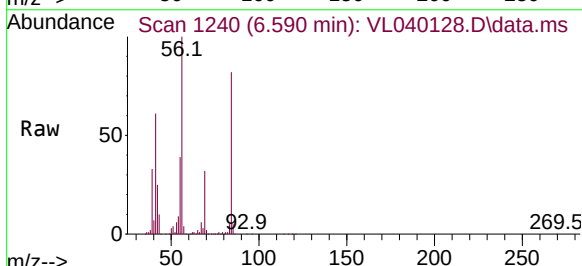
Tgt Ion: 84 Resp: 802279

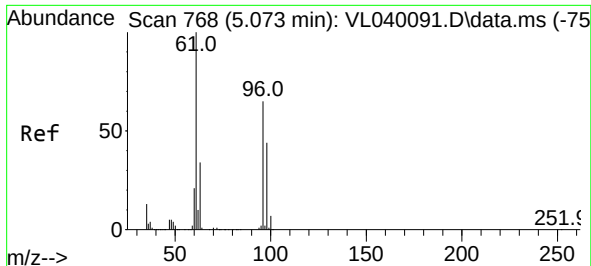
Ion Ratio Lower Upper

84 100

56 136.4 111.5 167.3

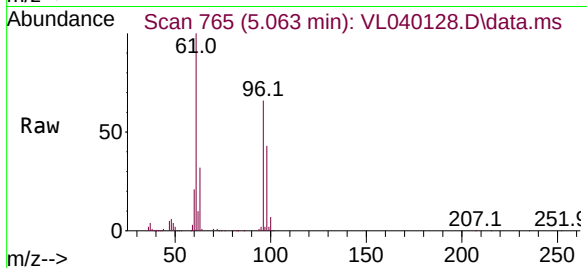
41 81.4 71.4 107.0



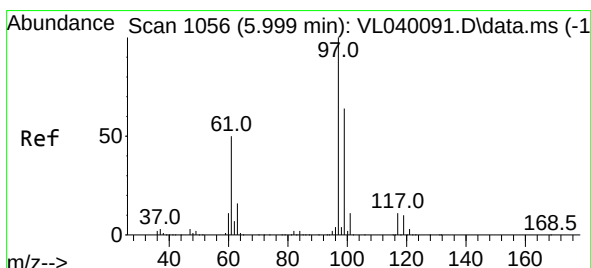
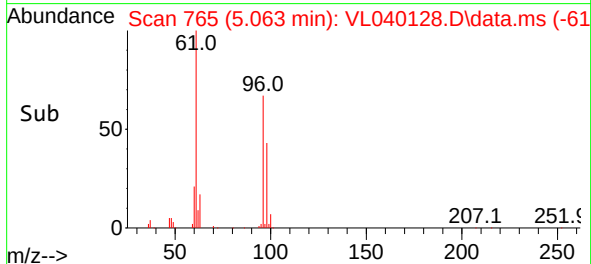
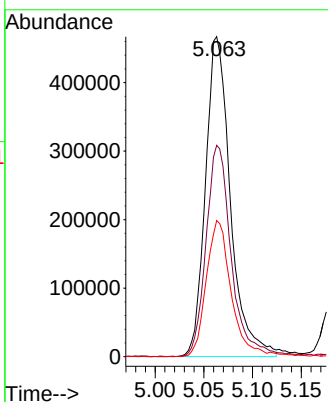


#31
 cis-1,2-Dichloroethene
 Concen: 10.071 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.010 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Instrument :
 MSVOA_L
 ClientSampleId :

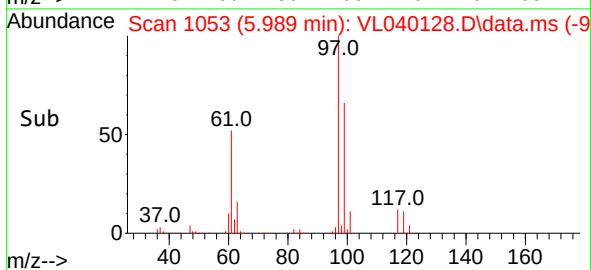
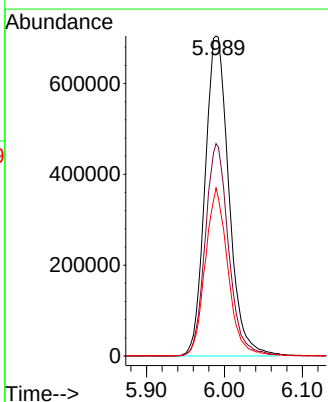
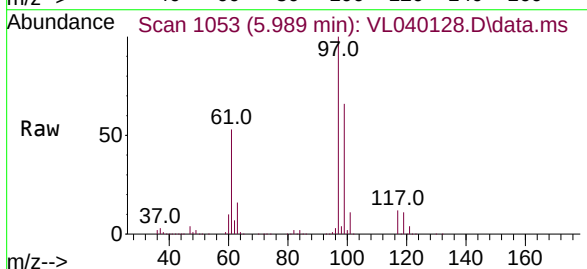


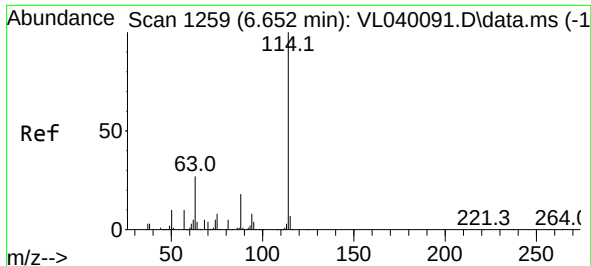
Tgt Ion: 61 Resp: 830321
 Ion Ratio Lower Upper
 61 100
 96 66.0 52.0 78.0
 98 42.5 35.3 52.9



#32
 1,1,1-Trichloroethane
 Concen: 10.845 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.010 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Tgt Ion: 97 Resp: 1500950
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.6
 61 50.2 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

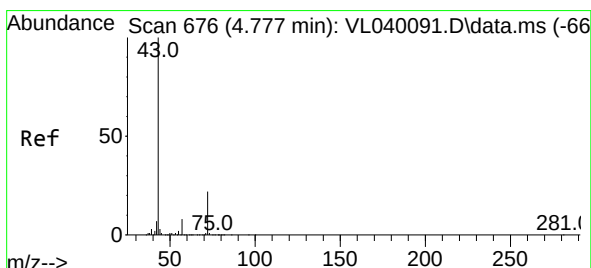
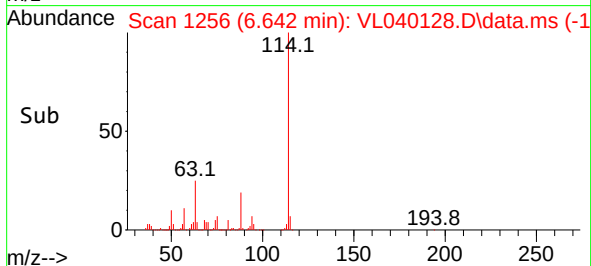
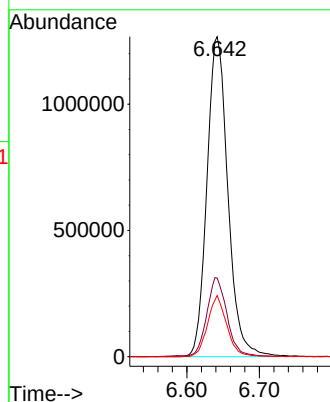
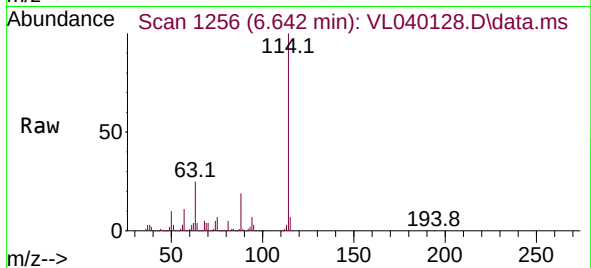
Tgt Ion:114 Resp: 2539084

Ion Ratio Lower Upper

114 100

63 24.3 21.8 32.8

88 17.6 14.8 22.2



#34

2-Butanone

Concen: 9.944 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.007 min

Lab File: VL040128.D

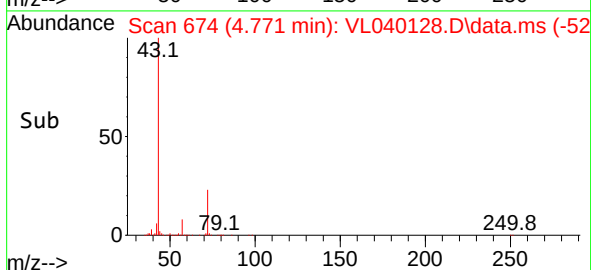
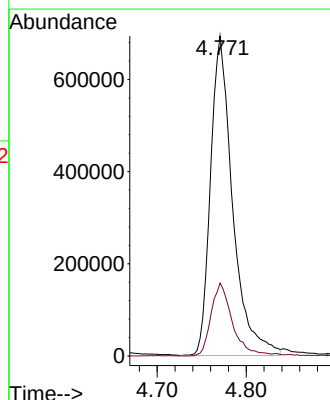
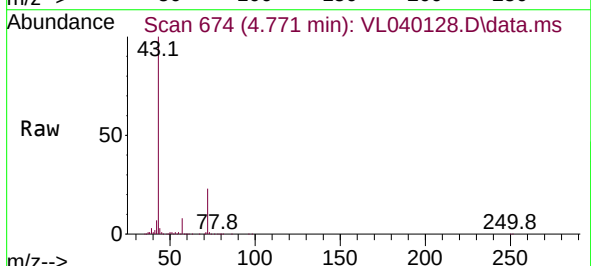
Acq: 30 Jan 2023 11:41

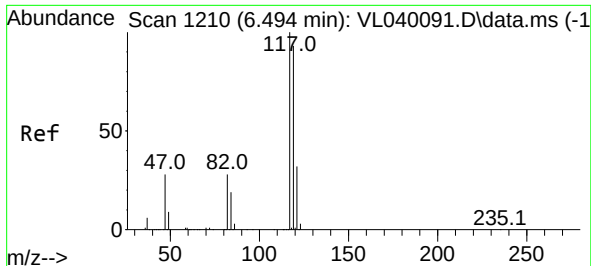
Tgt Ion: 43 Resp: 1194229

Ion Ratio Lower Upper

43 100

72 22.7 18.4 27.6

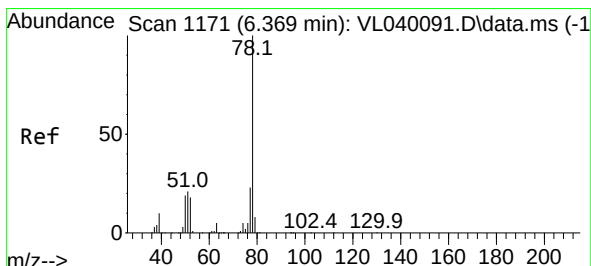
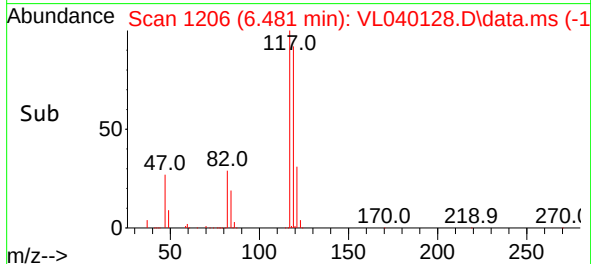
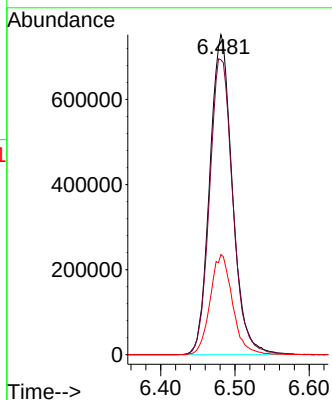
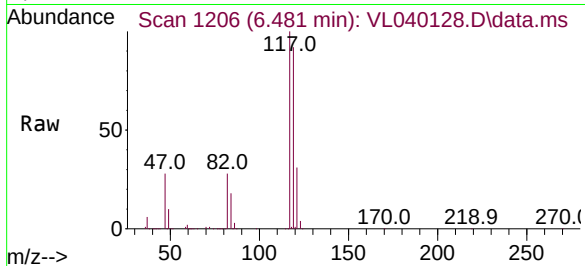




#35
Carbon Tetrachloride
Concen: 11.077 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

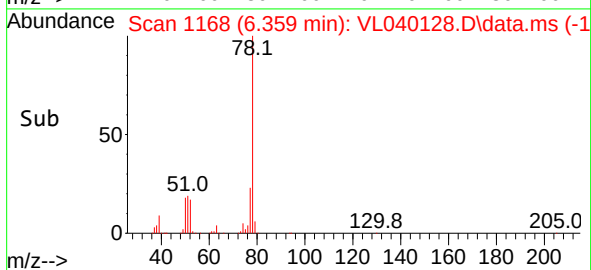
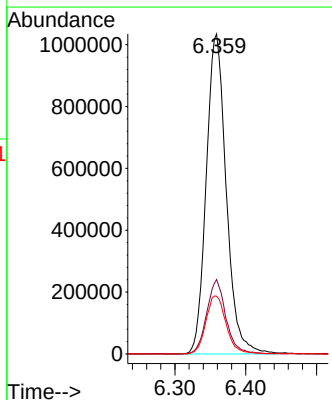
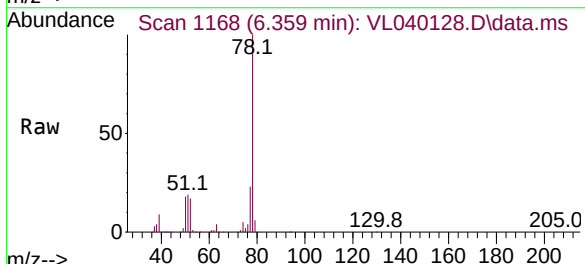
Instrument :
MSVOA_L
ClientSampleId :

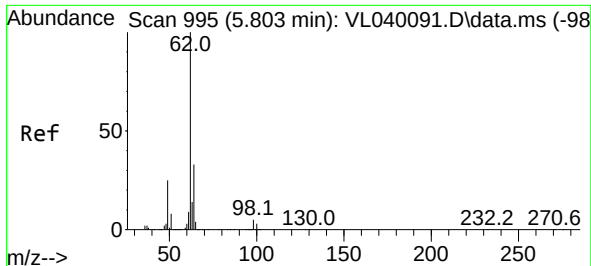
Tgt Ion:117 Resp: 1590241
Ion Ratio Lower Upper
117 100
119 92.1 74.5 111.7
121 31.3 25.4 38.0



#36
Benzene
Concen: 10.792 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 78 Resp: 2027818
Ion Ratio Lower Upper
78 100
77 23.3 18.1 27.1
50 18.0 15.6 23.4

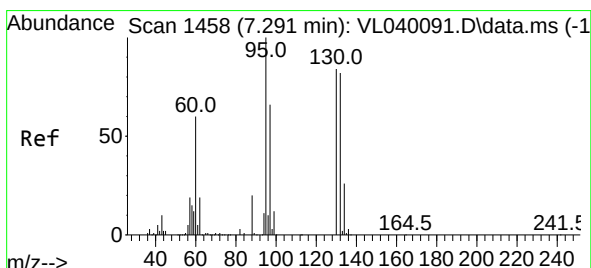
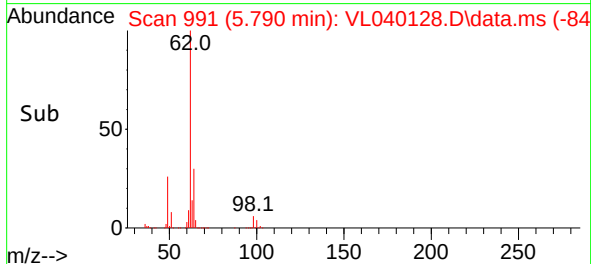
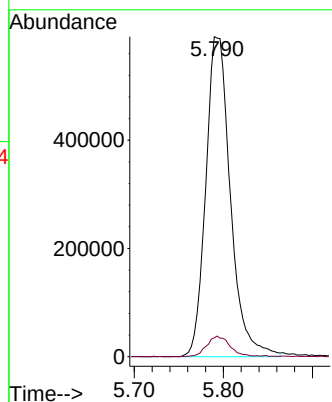
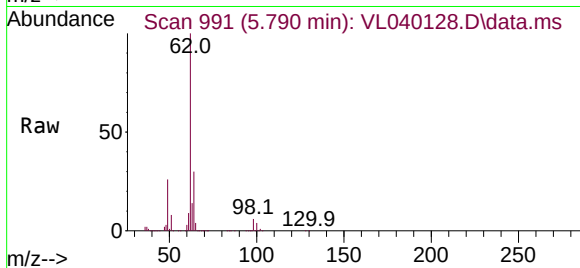




#37
1,2-Dichloroethane
Concen: 9.406 ppbv
RT: 5.790 min Scan# 995
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

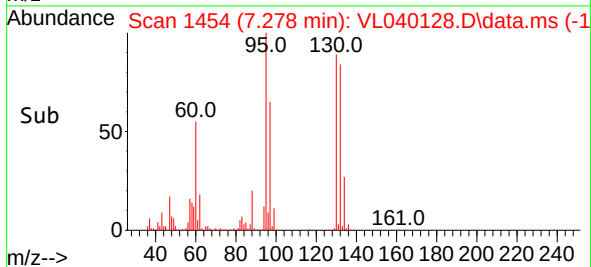
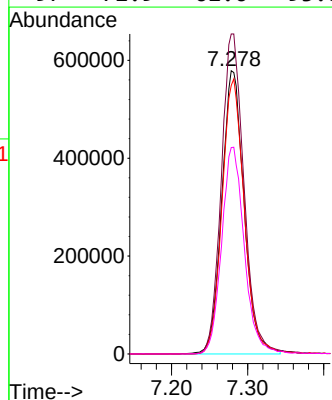
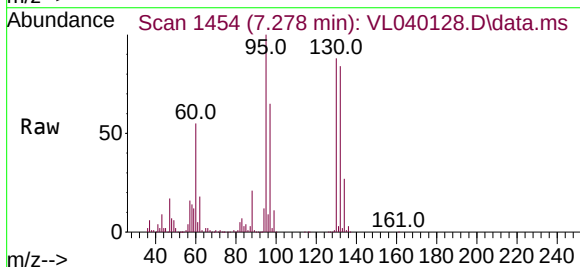
Instrument :
MSVOA_L
ClientSampleId :

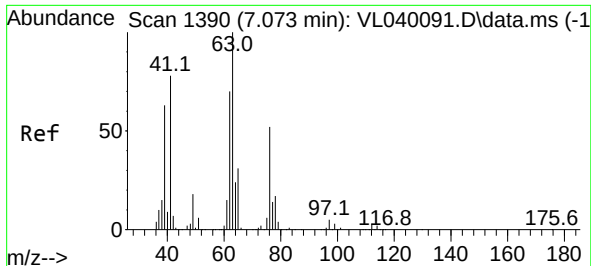
Tgt Ion: 62 Resp: 1136054
Ion Ratio Lower Upper
62 100
98 6.2 4.4 6.6



#38
Trichloroethene
Concen: 11.036 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion:130 Resp: 1176843
Ion Ratio Lower Upper
130 100
95 113.0 95.0 142.6
132 94.8 77.9 116.9
97 72.9 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.387 ppbv

RT: 7.063 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

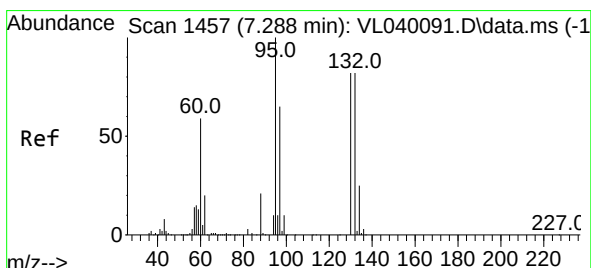
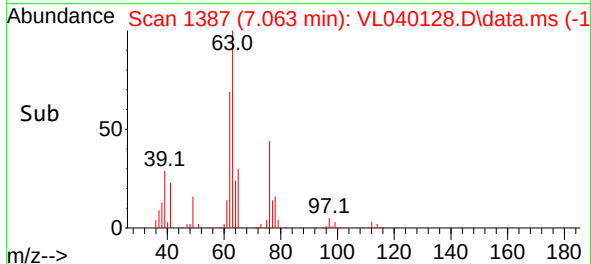
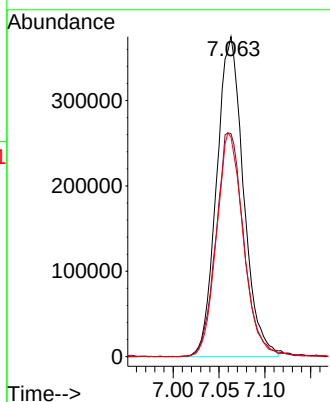
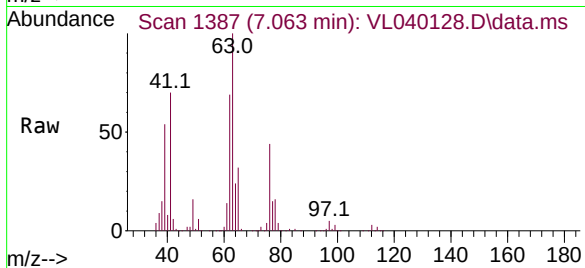
Tgt Ion: 63 Resp: 763385

Ion Ratio Lower Upper

63 100

41 69.7 62.2 93.4

62 68.5 55.8 83.8



#40

1,4-Dioxane

Concen: 10.412 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Tgt Ion: 88 Resp: 303679

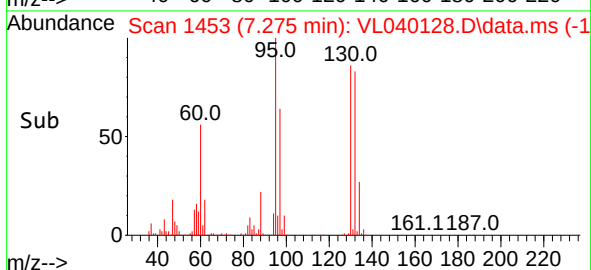
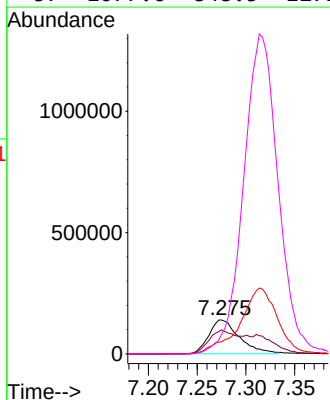
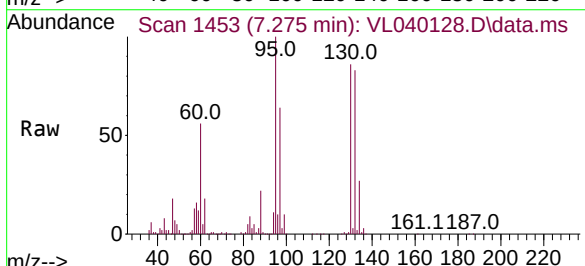
Ion Ratio Lower Upper

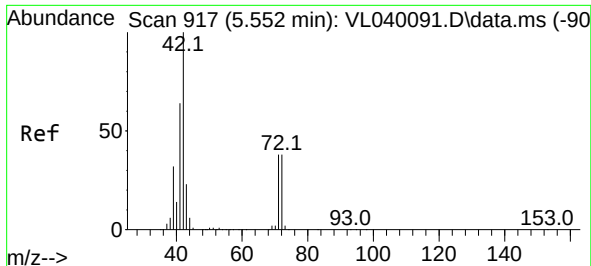
88 100

58 120.9 97.5 146.3

43 241.0 195.0 292.4

57 1077.6 848.5 1272.7





#41

Tetrahydrofuran

Concen: 11.200 ppbv

RT: 5.542 min Scan# 917

Delta R.T. -0.010 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

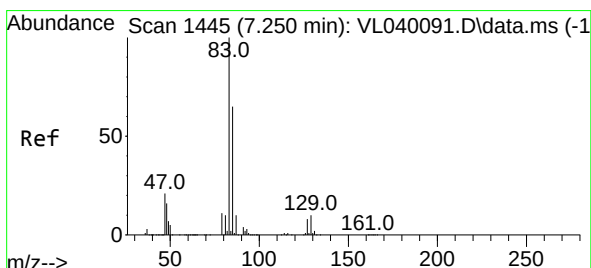
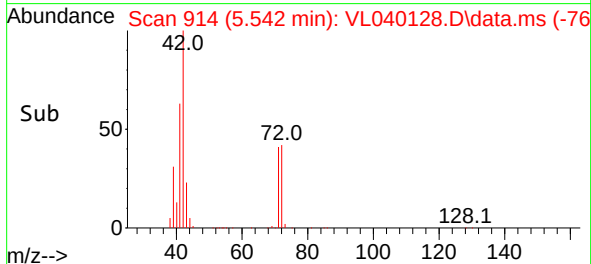
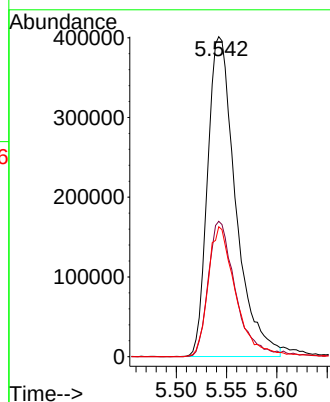
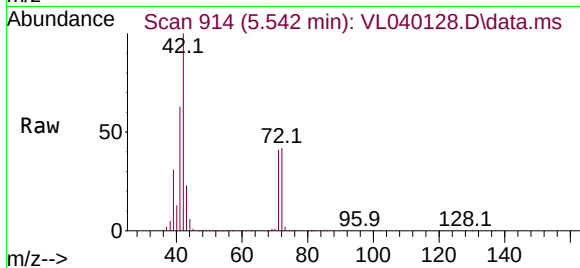
Tgt Ion: 42 Resp: 776373

Ion Ratio Lower Upper

42 100

72 42.1 31.9 47.9

71 40.6 31.4 47.2



#42

Bromodichloromethane

Concen: 10.624 ppbv

RT: 7.237 min Scan# 1441

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

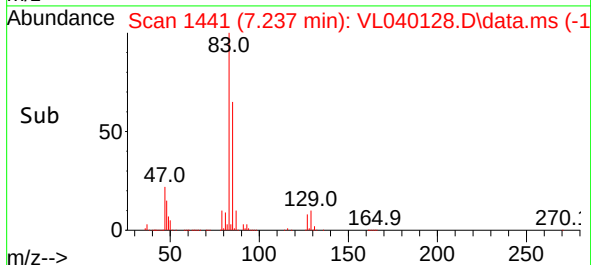
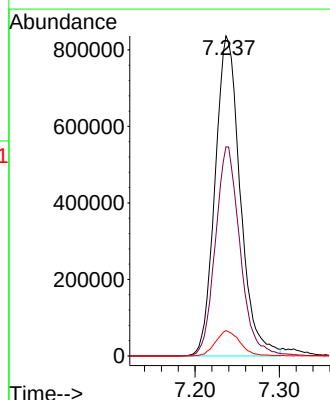
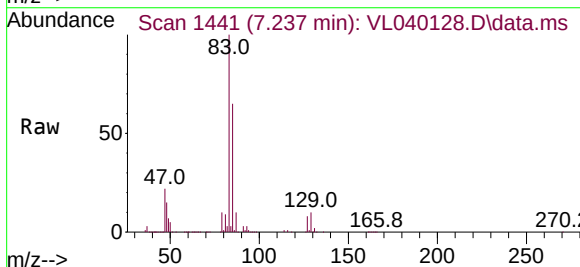
Tgt Ion: 83 Resp: 1732614

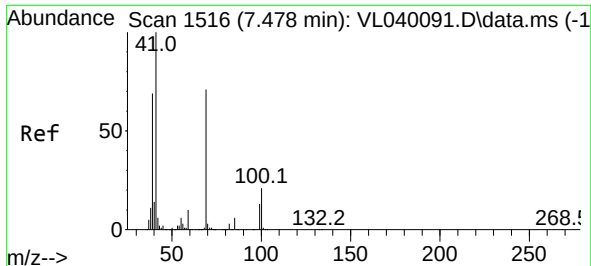
Ion Ratio Lower Upper

83 100

85 65.4 51.7 77.5

127 8.0 6.2 9.2

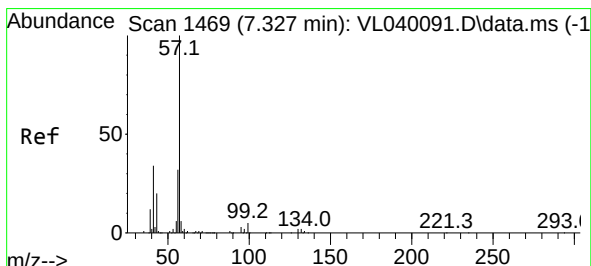
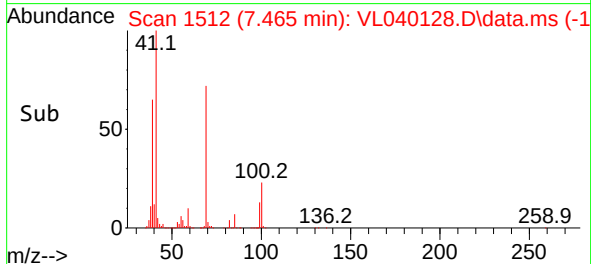
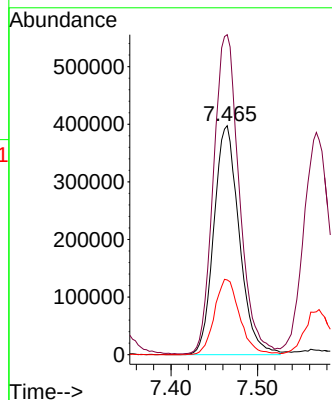
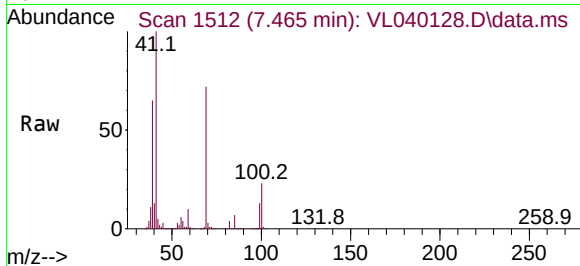




#43
Methyl Methacrylate
Concen: 11.742 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

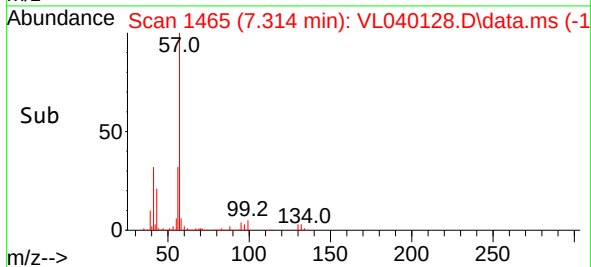
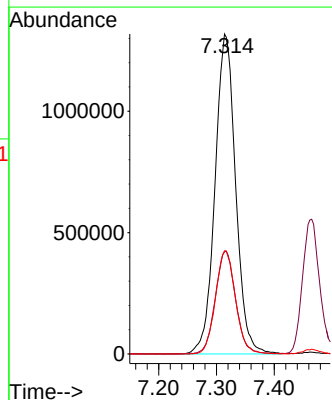
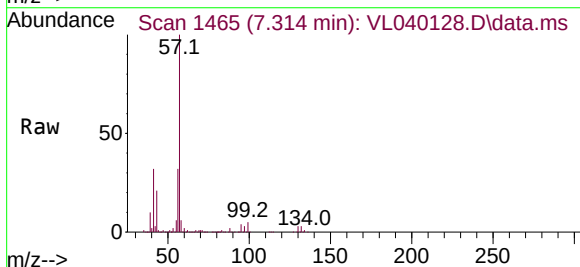
Instrument :
MSVOA_L
ClientSampleId :

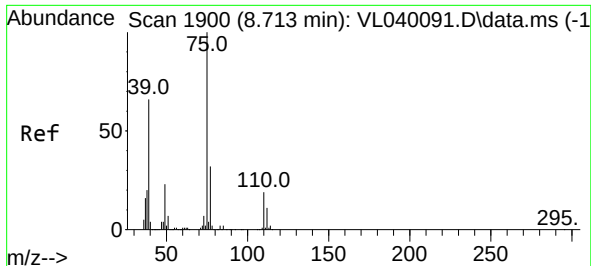
Tgt Ion: 69 Resp: 809644
Ion Ratio Lower Upper
69 100
41 142.7 118.2 177.2
100 32.8 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.463 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 57 Resp: 3269600
Ion Ratio Lower Upper
57 100
41 31.6 27.1 40.7
56 31.5 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 13.193 ppbv

RT: 8.700 min Scan# 1719

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

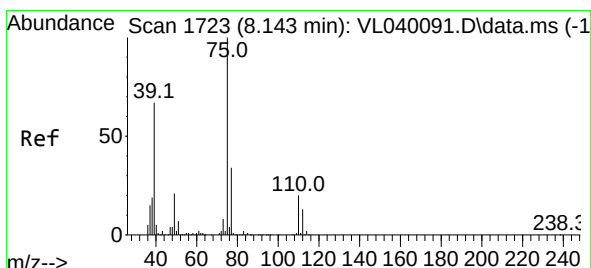
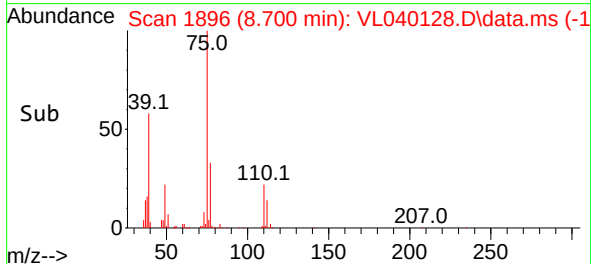
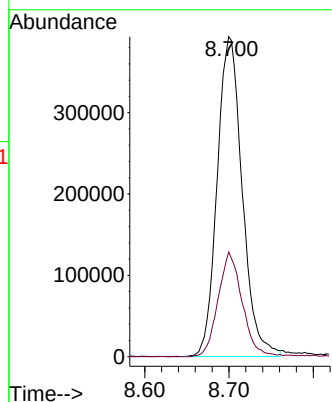
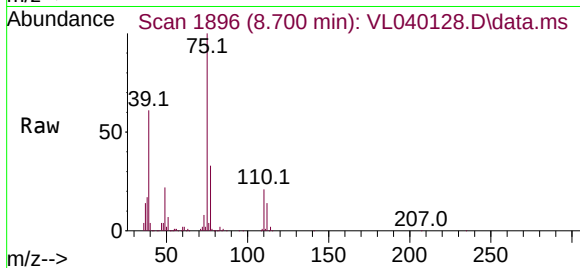
ClientSampleId :

Tgt Ion: 75 Resp: 811156

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 12.891 ppbv

RT: 8.130 min Scan# 1719

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

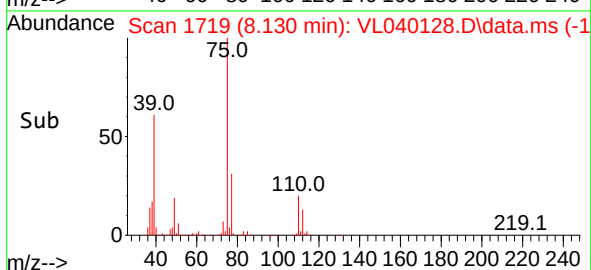
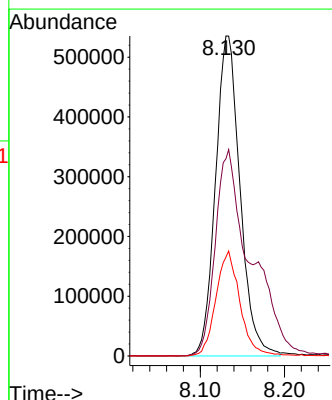
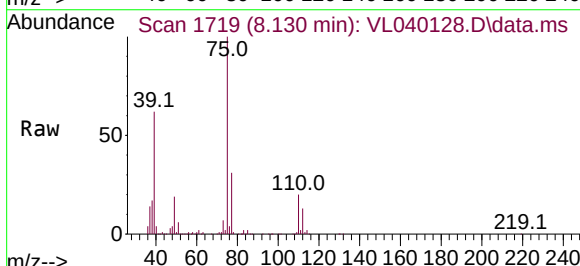
Tgt Ion: 75 Resp: 1083095

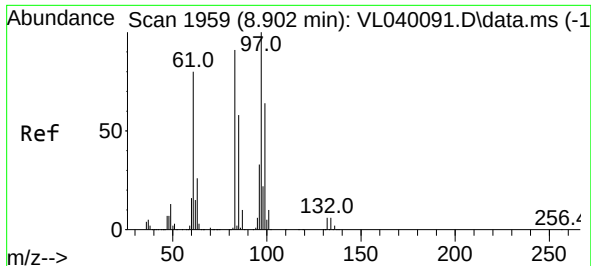
Ion Ratio Lower Upper

75 100

39 61.6 53.6 80.4

77 30.9 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.790 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.016 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 834929

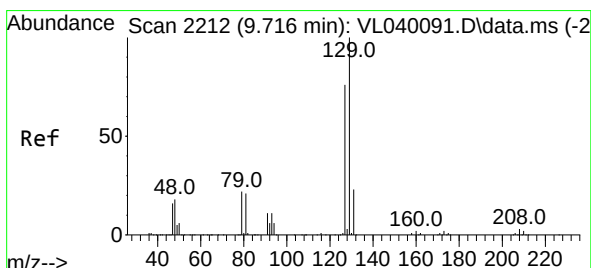
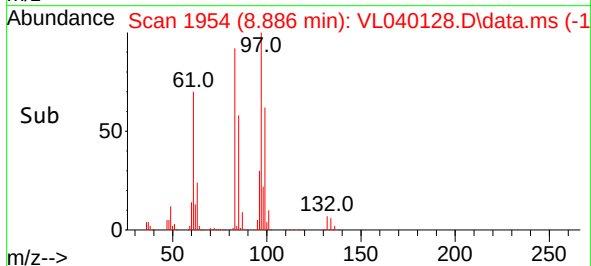
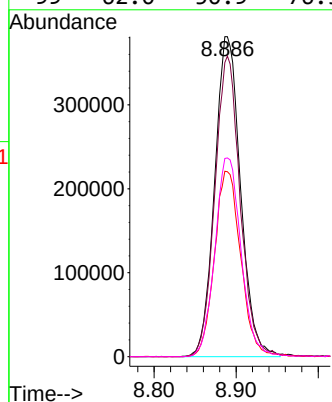
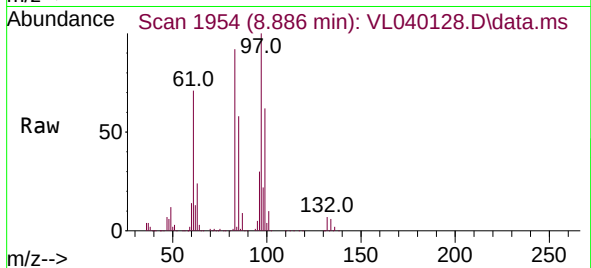
Ion Ratio Lower Upper

97 100

83 91.9 72.9 109.3

85 57.9 46.0 69.0

99 62.0 50.9 76.3



#48

Dibromochloromethane

Concen: 11.903 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.016 min

Lab File: VL040128.D

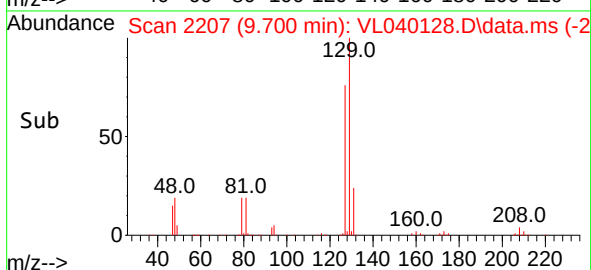
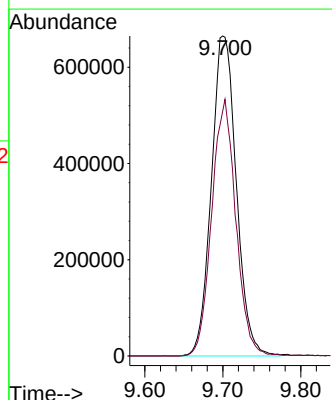
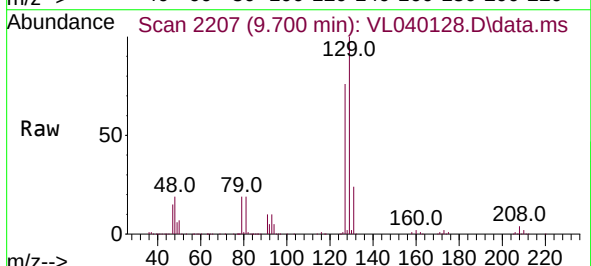
Acq: 30 Jan 2023 11:41

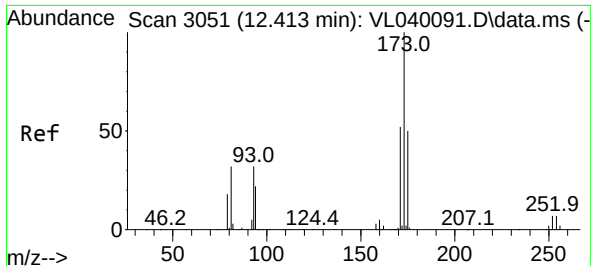
Tgt Ion: 129 Resp: 1480326

Ion Ratio Lower Upper

129 100

127 77.8 39.3 117.9





#49

Bromoform

Concen: 12.589 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. -0.016 min

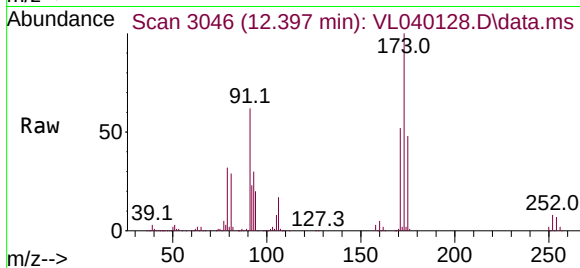
Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :



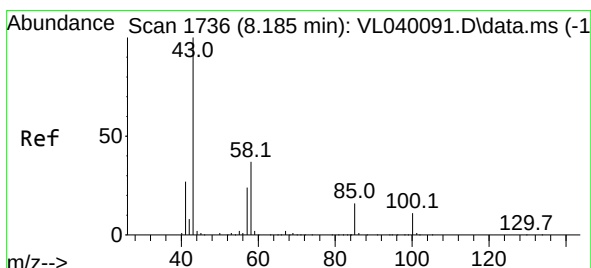
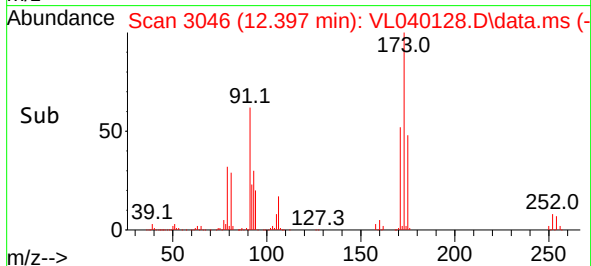
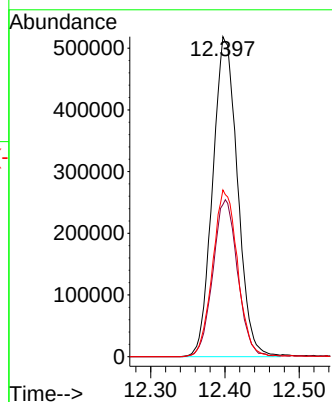
Tgt Ion:173 Resp: 1206064

Ion Ratio Lower Upper

173 100

175 49.0 39.7 59.5

171 52.6 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 10.809 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.016 min

Lab File: VL040128.D

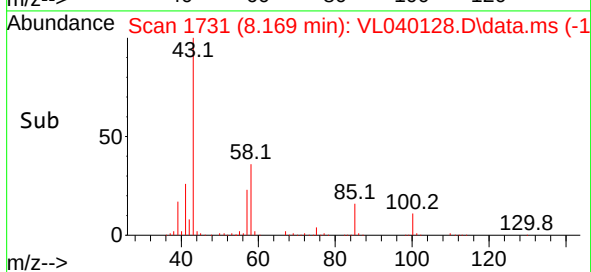
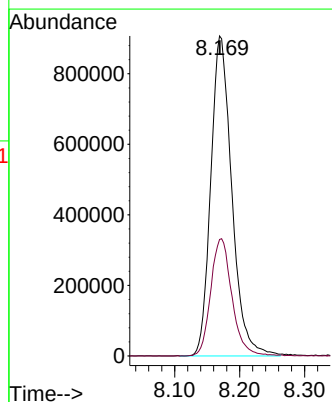
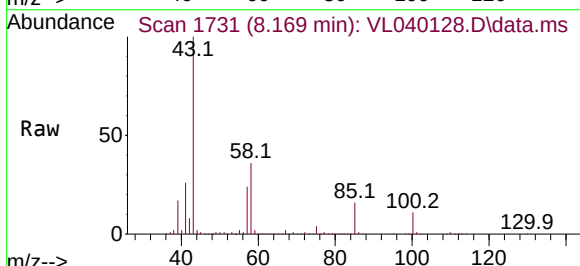
Acq: 30 Jan 2023 11:41

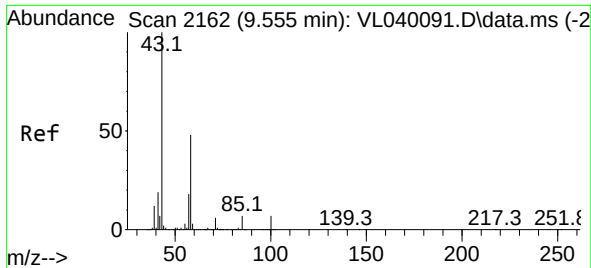
Tgt Ion: 43 Resp: 2041912

Ion Ratio Lower Upper

43 100

58 37.1 28.8 43.2

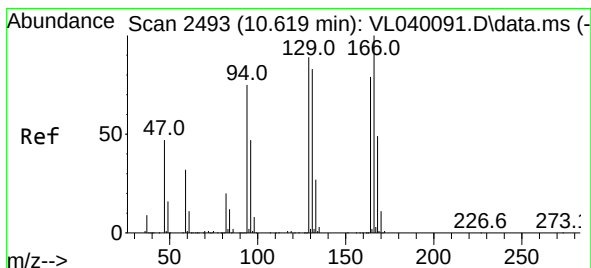
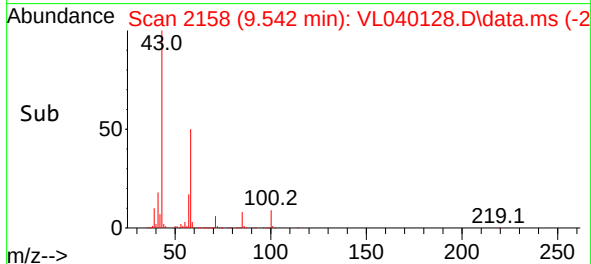
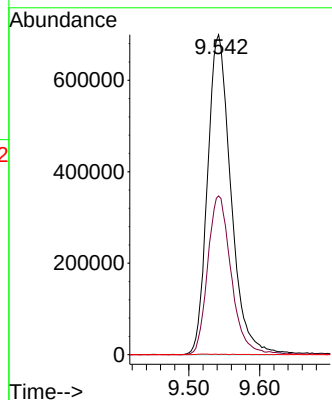
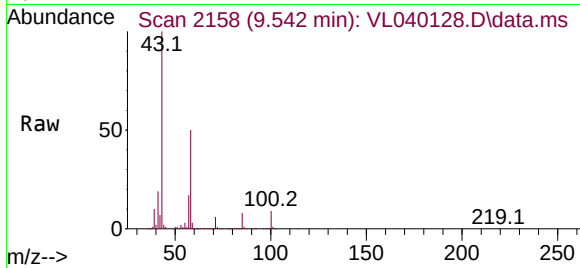




#51
2-Hexanone
Concen: 11.200 ppbv
RT: 9.542 min Scan# 2162
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

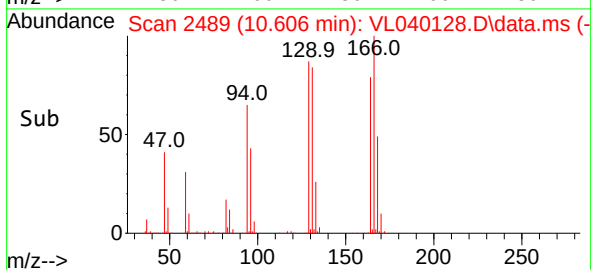
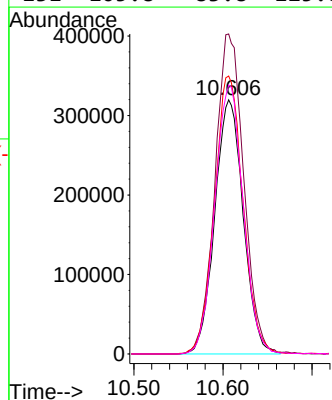
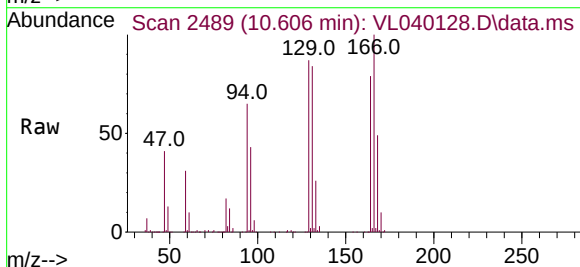
Instrument :
MSVOA_L
ClientSampleId :

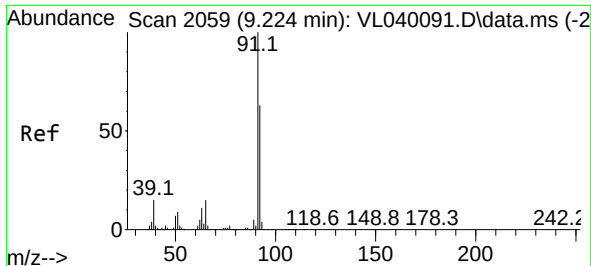
Tgt Ion: 43 Resp: 1602876
Ion Ratio Lower Upper
43 100
58 50.0 37.5 56.3
98 0.1 0.4 0.6#



#52
Tetrachloroethene
Concen: 11.512 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion:164 Resp: 707651
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 109.1 90.2 135.2
131 105.8 83.8 125.8

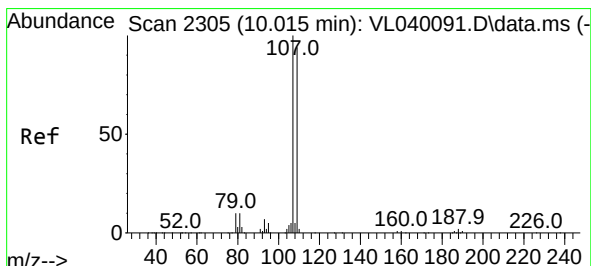
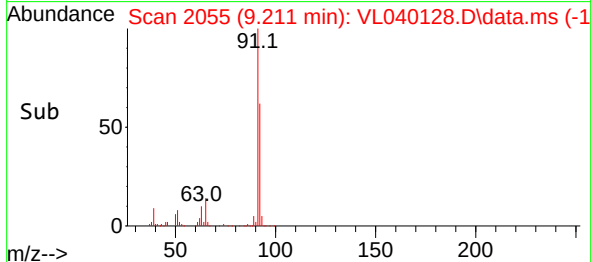
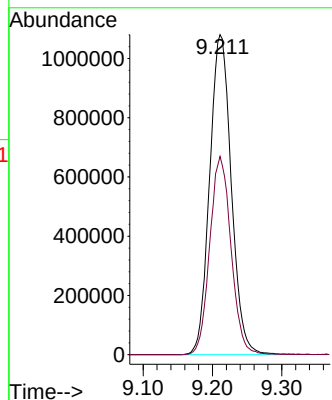
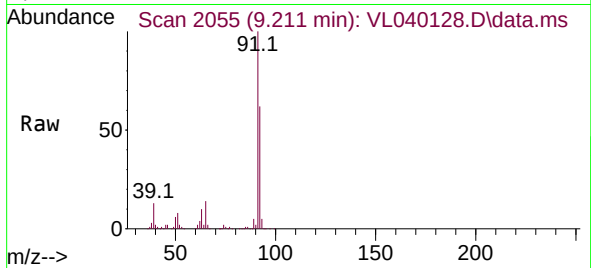




#53
Toluene
Concen: 11.683 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

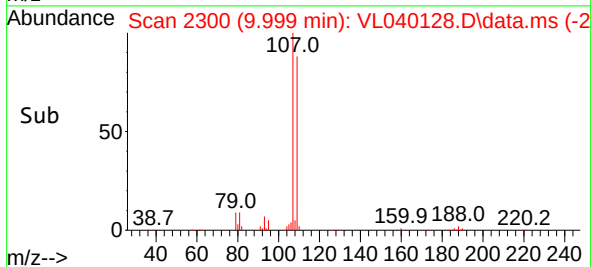
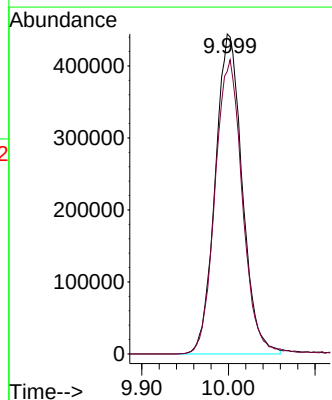
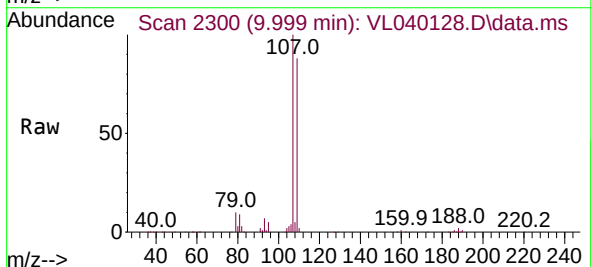
Instrument :
MSVOA_L
ClientSampleId :

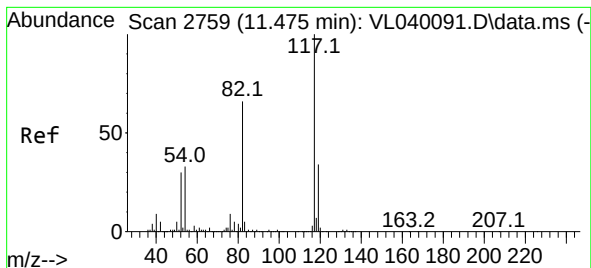
Tgt Ion: 91 Resp: 2341326
Ion Ratio Lower Upper
91 100
92 61.0 48.3 72.5



#54
1,2-Dibromoethane
Concen: 11.875 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

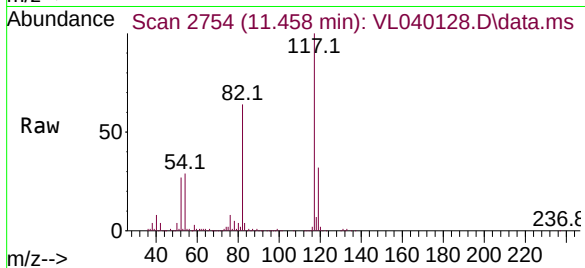
Tgt Ion: 107 Resp: 961989
Ion Ratio Lower Upper
107 100
109 88.1 75.0 112.4



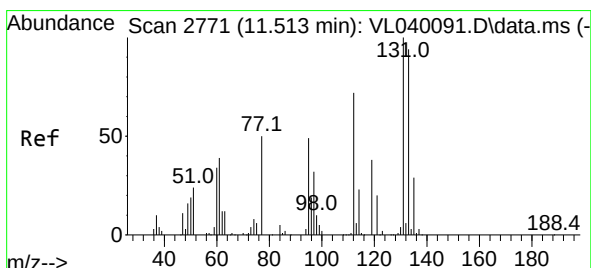
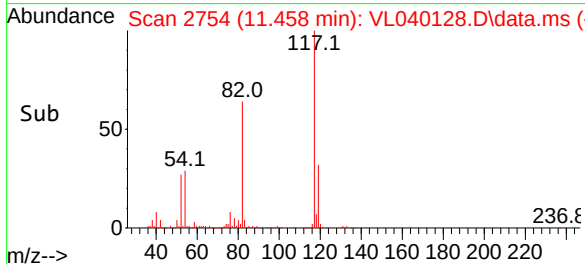
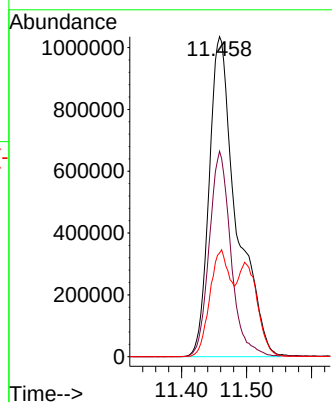


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :

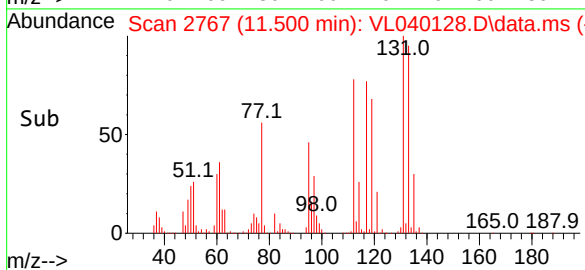
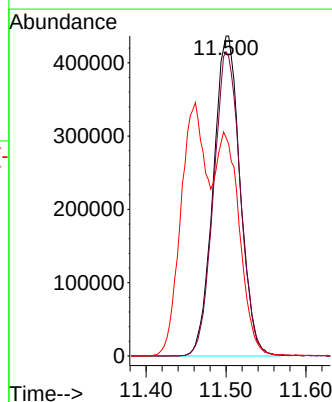
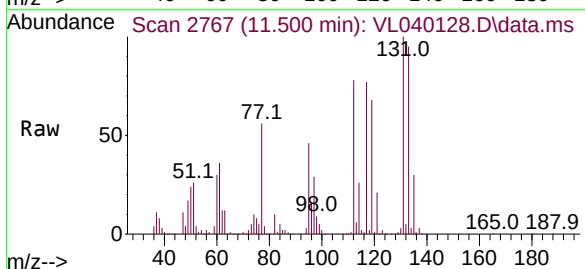


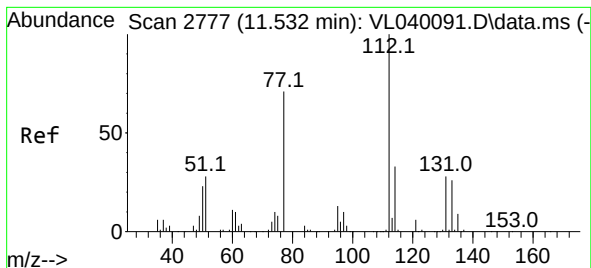
Tgt Ion:117 Resp: 3025043
Ion Ratio Lower Upper
117 100
82 51.3 54.4 81.6#
119 25.6 26.8 40.2#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.615 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion:131 Resp: 1014244
Ion Ratio Lower Upper
131 100
133 95.0 75.6 113.4
119 64.6 47.2 70.8





#57

Chlorobenzene

Concen: 8.714 ppbv

RT: 11.516 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

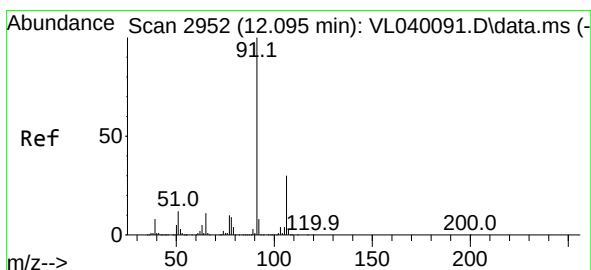
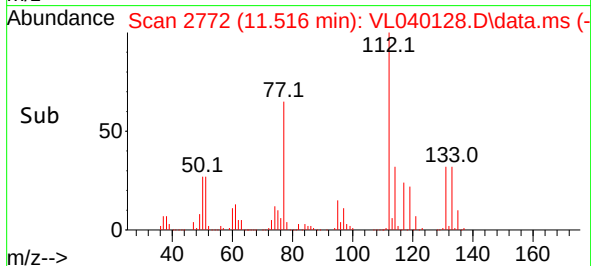
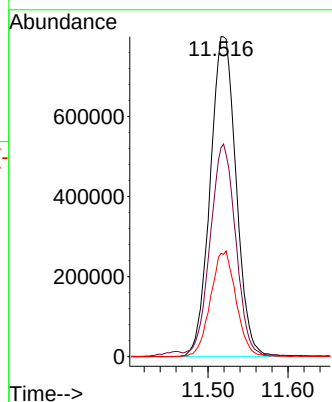
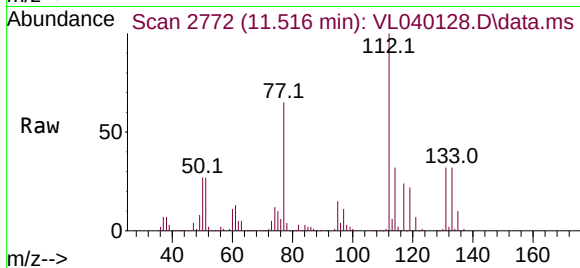
Tgt Ion:112 Resp: 1796862

Ion Ratio Lower Upper

112 100

77 65.0 57.3 85.9

114 32.3 29.6 36.2



#58

Ethyl Benzene

Concen: 9.320 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.013 min

Lab File: VL040128.D

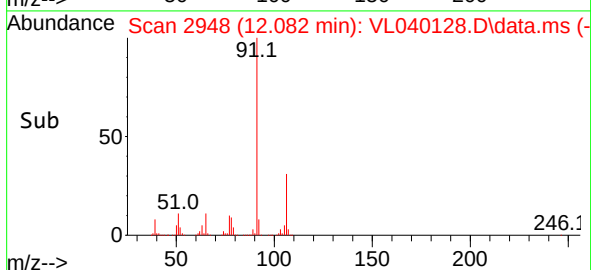
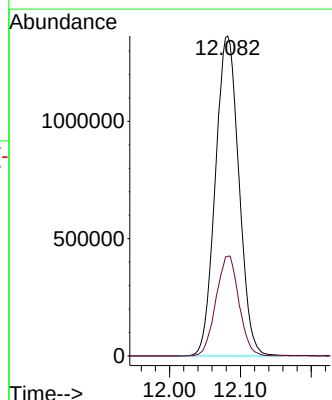
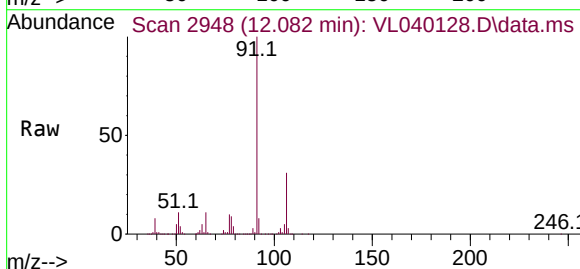
Acq: 30 Jan 2023 11:41

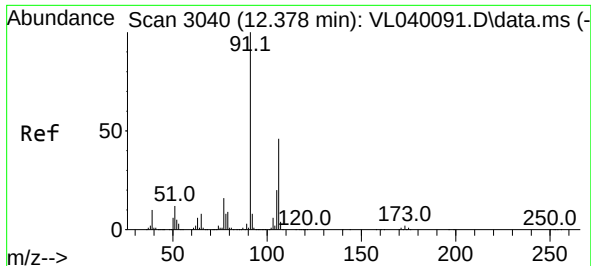
Tgt Ion: 91 Resp: 3146279

Ion Ratio Lower Upper

91 100

106 31.2 23.7 35.5





#59

m/p-Xylene

Concen: 8.914 ppbv

RT: 12.365 min Scan# 3040

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

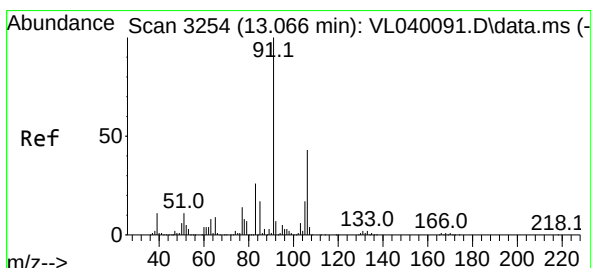
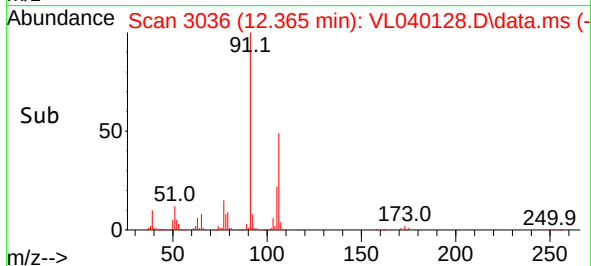
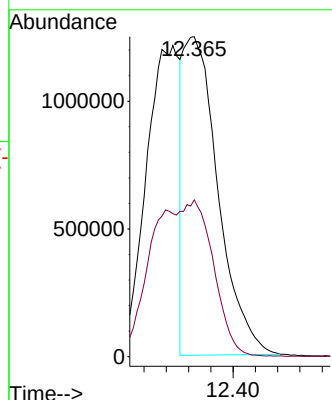
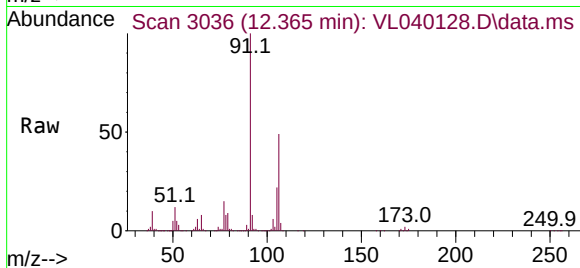
ClientSampleId :

Tgt Ion: 91 Resp: 2705665

Ion Ratio Lower Upper

91 100

106 87.7 34.2 51.4#



#60

o-Xylene

Concen: 8.744 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.016 min

Lab File: VL040128.D

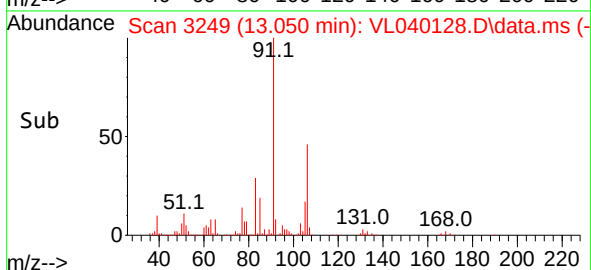
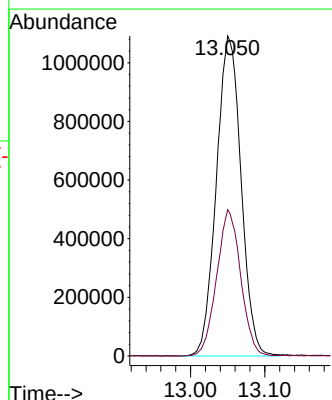
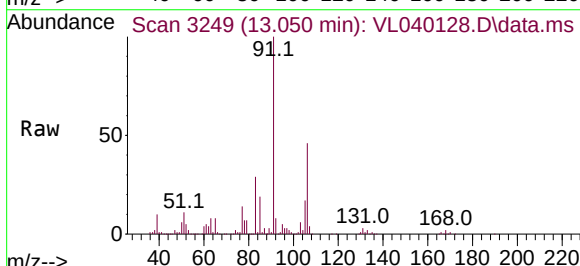
Acq: 30 Jan 2023 11:41

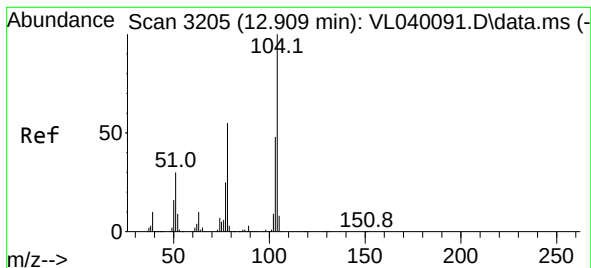
Tgt Ion: 91 Resp: 2519303

Ion Ratio Lower Upper

91 100

106 44.5 21.6 64.8





#61

Styrene

Concen: 10.246 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

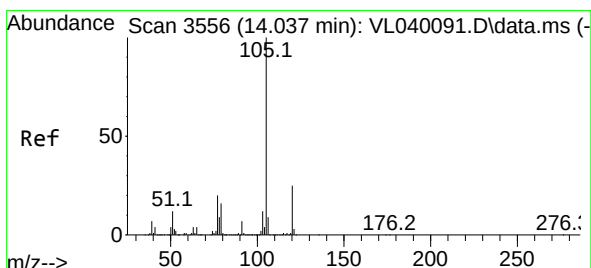
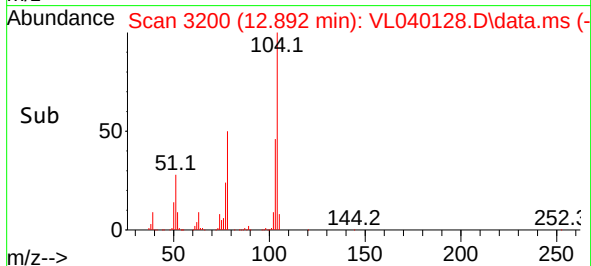
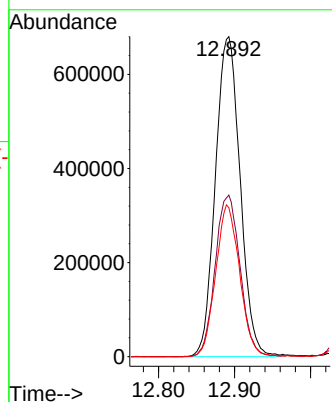
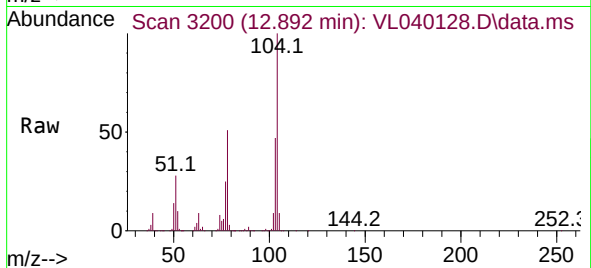
Tgt Ion:104 Resp: 1538283

Ion Ratio Lower Upper

104 100

78 50.9 44.0 66.0

103 46.2 37.8 56.6



#62

Isopropylbenzene

Concen: 8.684 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.013 min

Lab File: VL040128.D

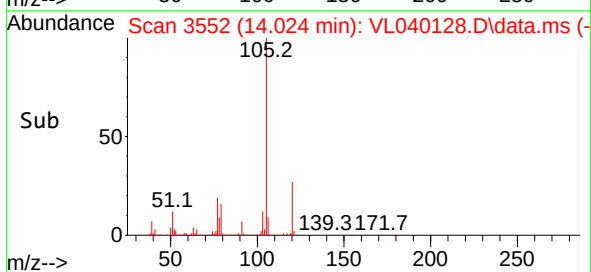
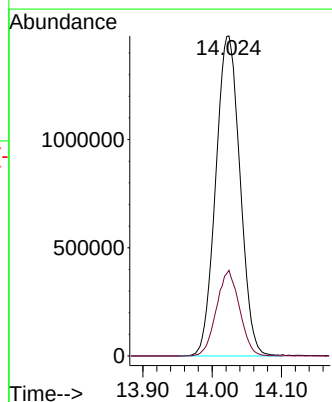
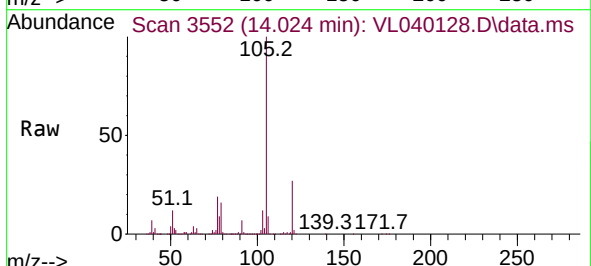
Acq: 30 Jan 2023 11:41

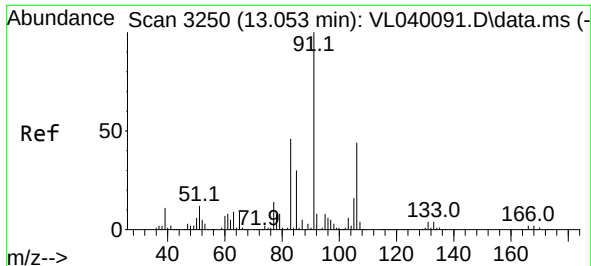
Tgt Ion:105 Resp: 3598564

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.2

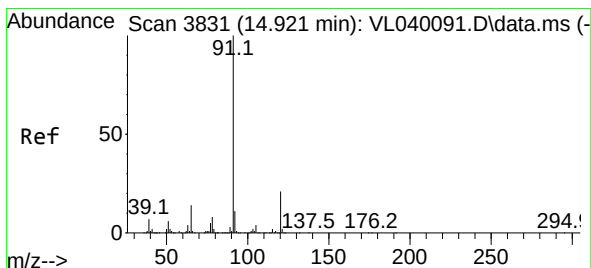
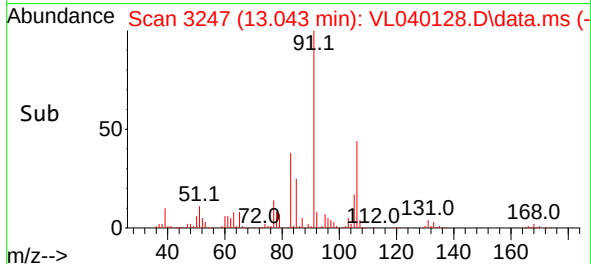
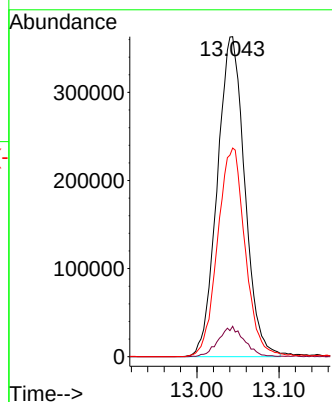
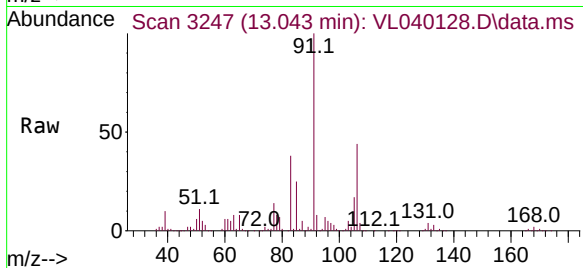




#63
1,1,2,2-Tetrachloroethane
Concen: 8.081 ppbv
RT: 13.043 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

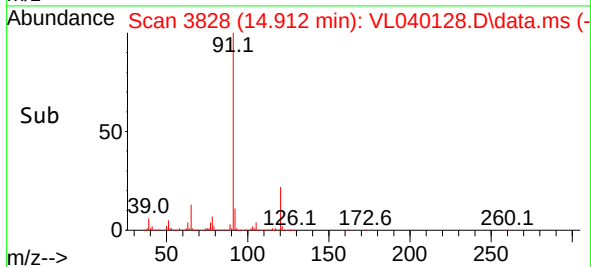
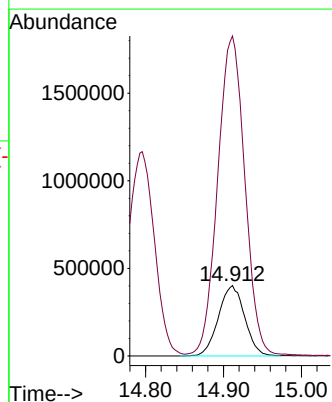
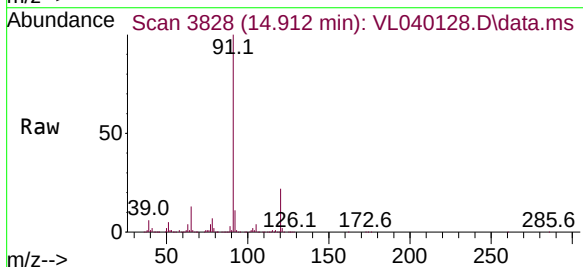
Instrument :
MSVOA_L
ClientSampleId :

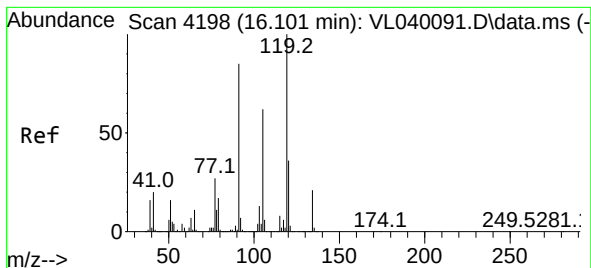
Tgt Ion: 83 Resp: 845354
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 65.9 32.5 97.5



#64
n-propylbenzene
Concen: 9.118 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 120 Resp: 939324
Ion Ratio Lower Upper
120 100
91 473.2 397.0 595.4

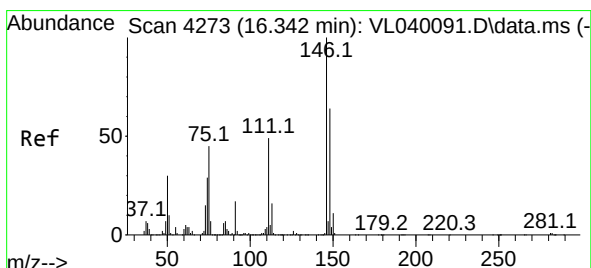
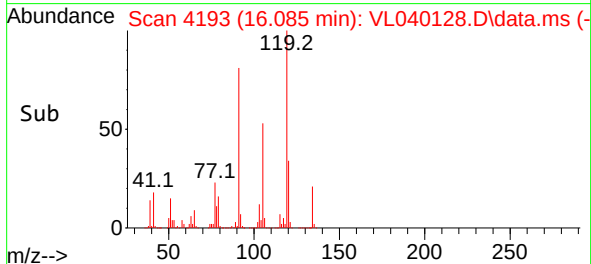
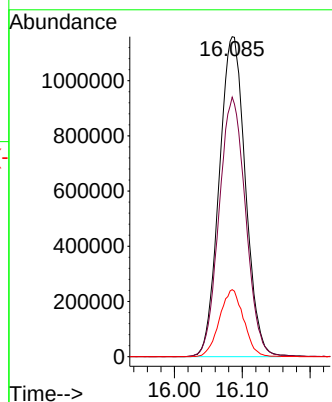
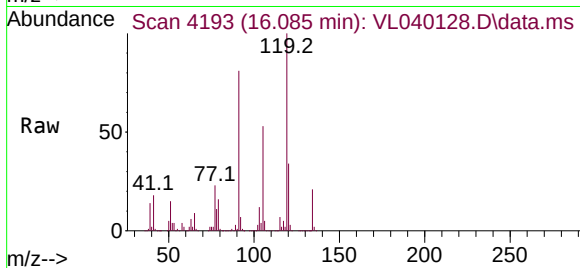




#65
tert-Butylbenzene
Concen: 8.765 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

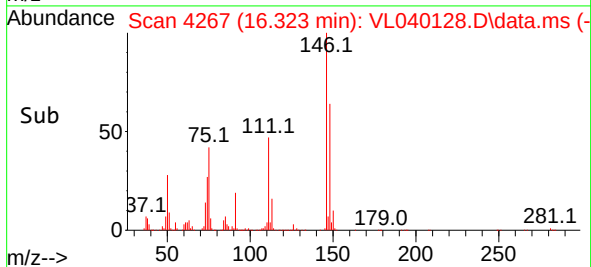
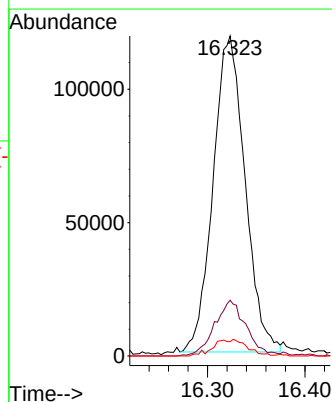
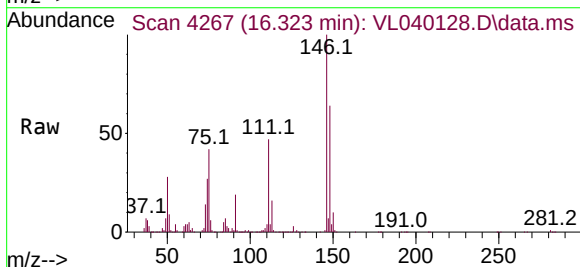
Instrument :
MSVOA_L
ClientSampleId :

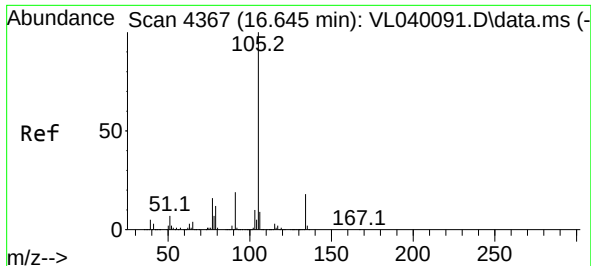
Tgt Ion:119 Resp: 3109573
Ion Ratio Lower Upper
119 100
91 82.3 69.5 104.3
134 19.4 15.8 23.8



#66
Benzyl Chloride
Concen: 11.120 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.019 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 91 Resp: 269628
Ion Ratio Lower Upper
91 100
126 17.8 11.5 17.3#
128 5.7 0.0 0.0#

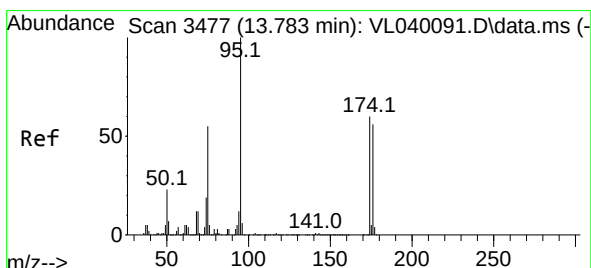
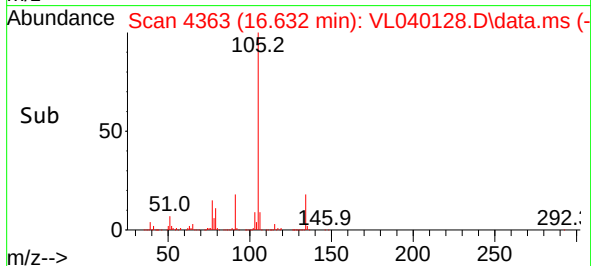
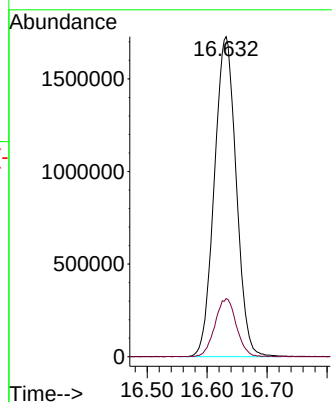
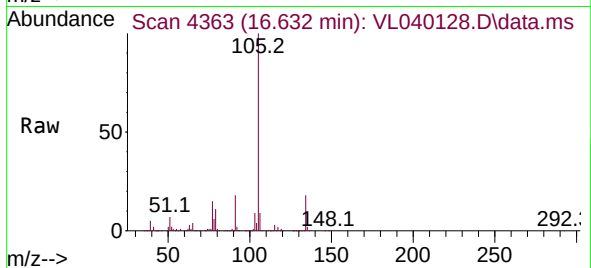




#67
 sec-Butylbenzene
 Concen: 8.678 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

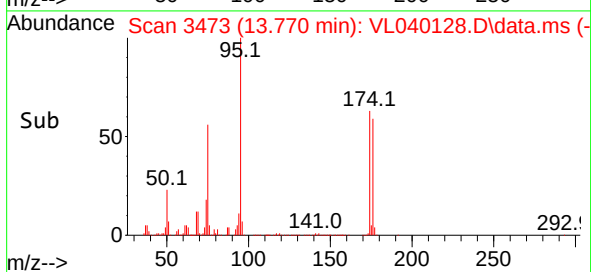
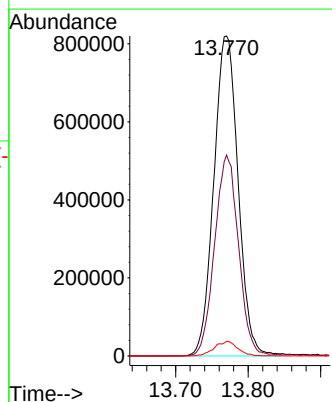
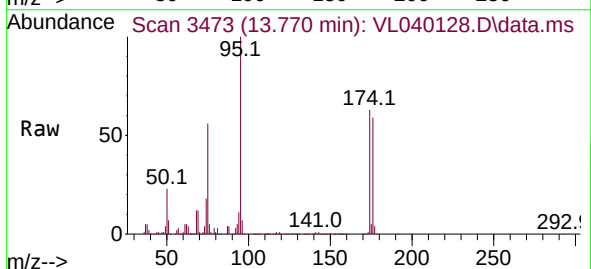
Instrument :
 MSVOA_L
 ClientSampleId :

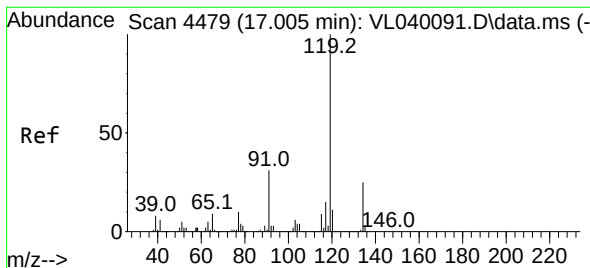
Tgt Ion:105 Resp: 4364595
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.601 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Tgt Ion: 95 Resp: 1911083
 Ion Ratio Lower Upper
 95 100
 174 61.9 47.7 71.5
 175 4.4 3.4 5.2





#69

p-Isopropyltoluene

Concen: 9.016 ppbv

RT: 16.989 min Scan# 4479

Delta R.T. -0.016 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

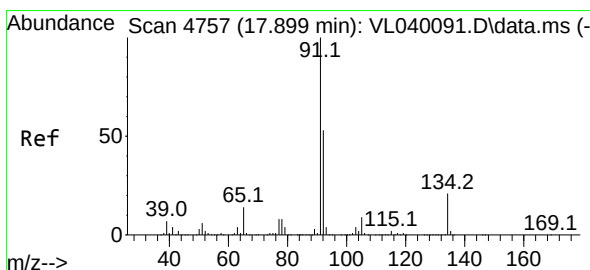
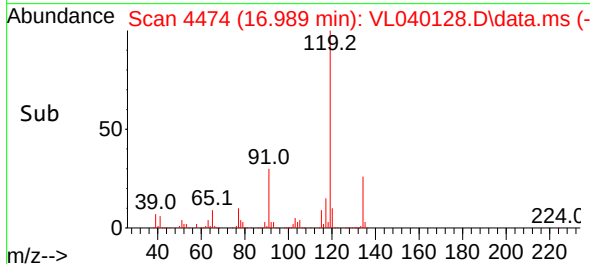
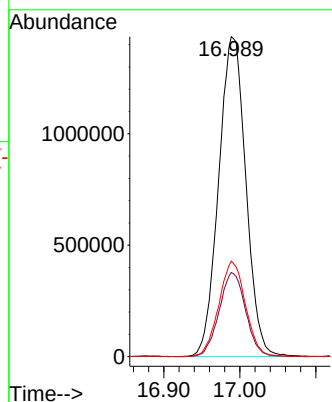
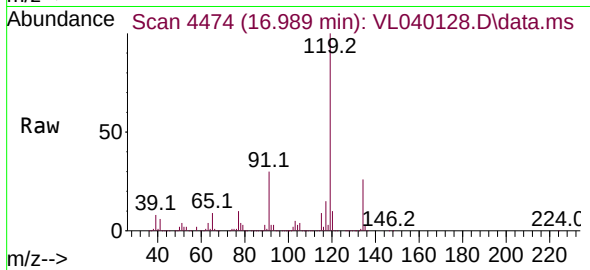
Tgt Ion:119 Resp: 3563620

Ion Ratio Lower Upper

119 100

134 25.6 20.1 30.1

91 29.3 25.0 37.4



#70

n-Butylbenzene

Concen: 8.672 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. -0.016 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

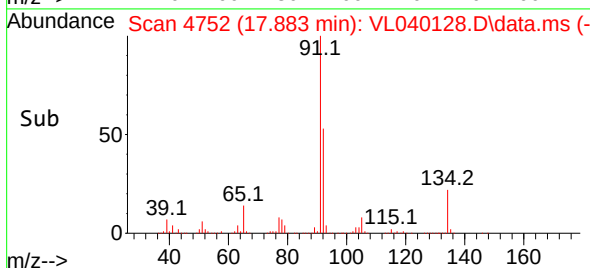
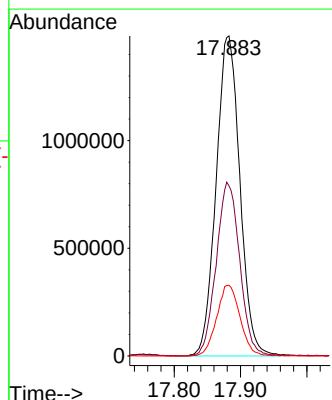
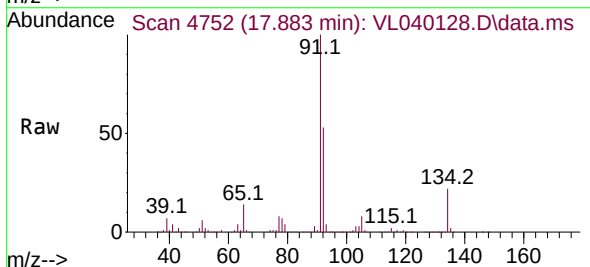
Tgt Ion: 91 Resp: 3696536

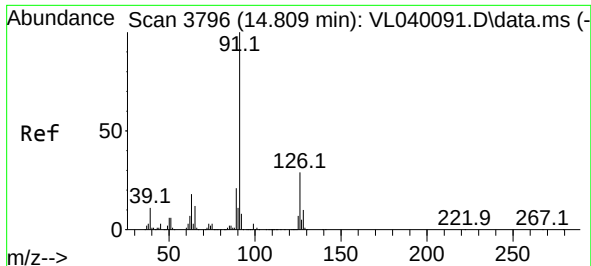
Ion Ratio Lower Upper

91 100

92 53.7 42.8 64.2

134 21.9 16.9 25.3

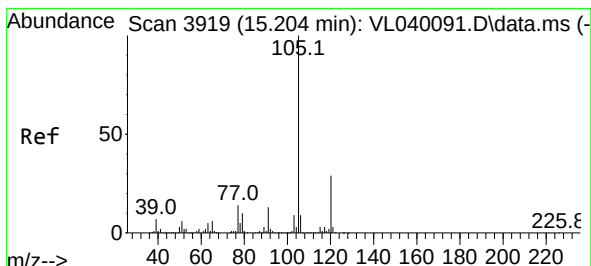
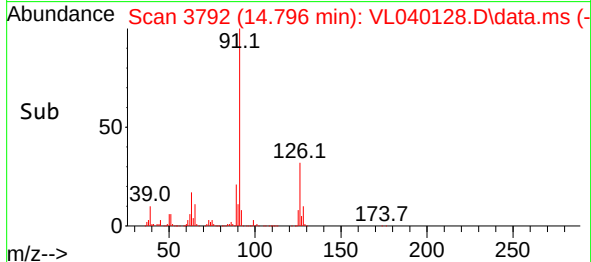
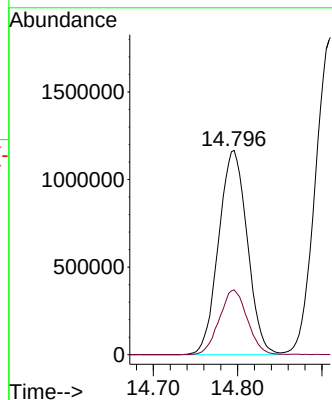
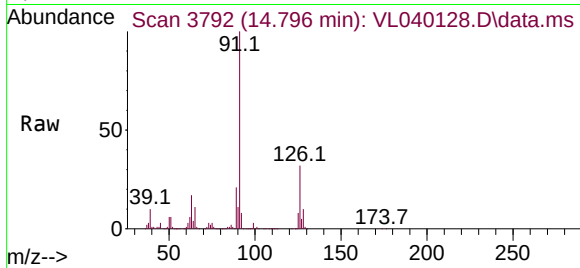




#71
2-Chlorotoluene
Concen: 8.645 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

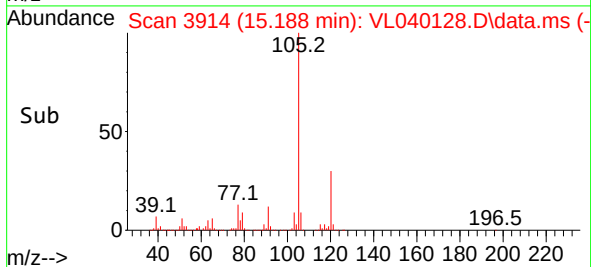
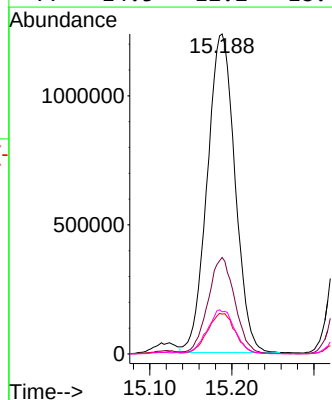
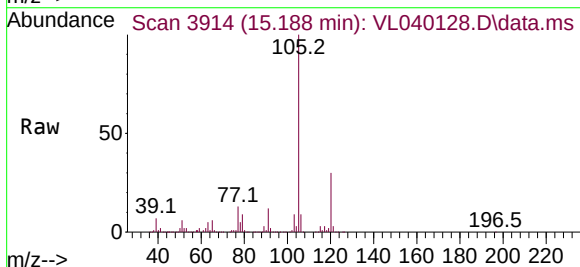
Instrument :
MSVOA_L
ClientSampleId :

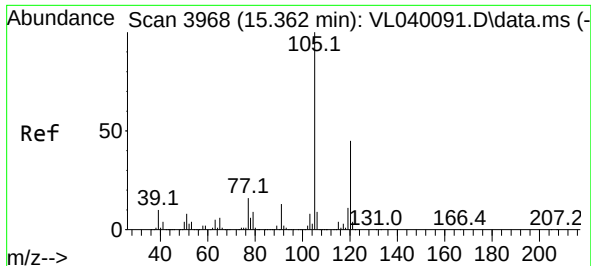
Tgt Ion: 91 Resp: 2755157
Ion Ratio Lower Upper
91 100
126 31.1 11.9 47.5



#72
4-Ethyltoluene
Concen: 9.071 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion:105 Resp: 2900106
Ion Ratio Lower Upper
105 100
120 29.6 23.1 34.7
91 13.2 11.2 16.8
77 14.5 12.2 18.4

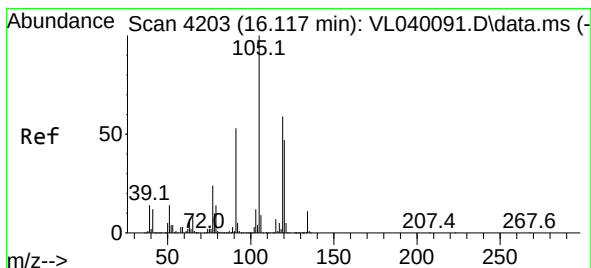
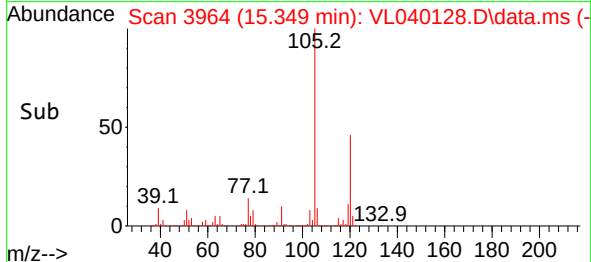
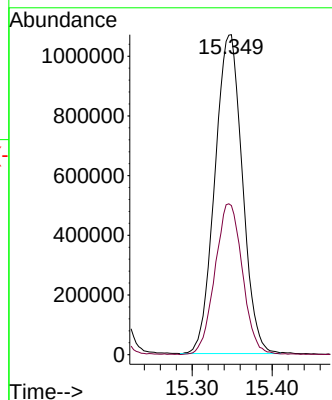
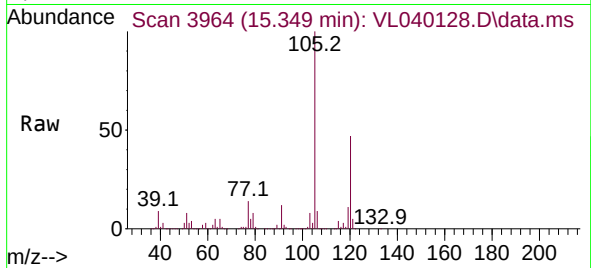




#73
 1,3,5-Trimethylbenzene
 Concen: 8.864 ppbv
 RT: 15.349 min Scan# 3964
 Delta R.T. -0.013 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

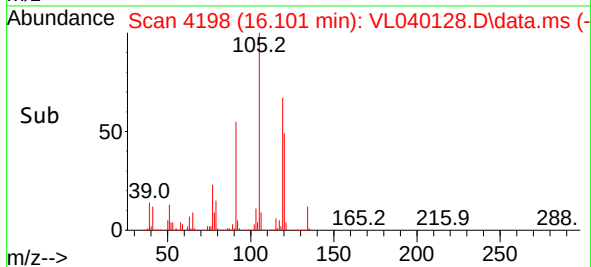
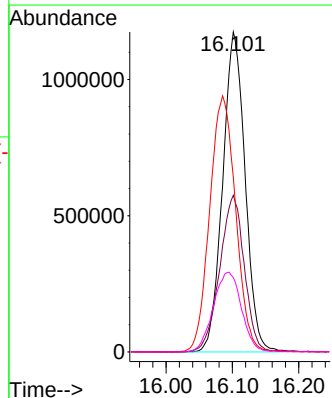
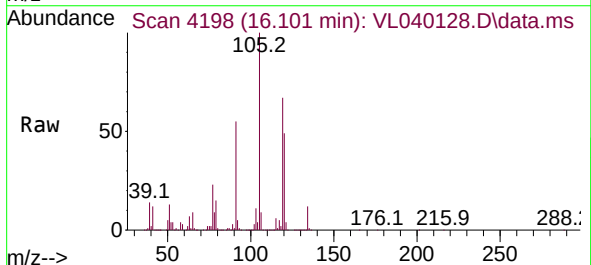
Instrument :
 MSVOA_L
 ClientSampleId :

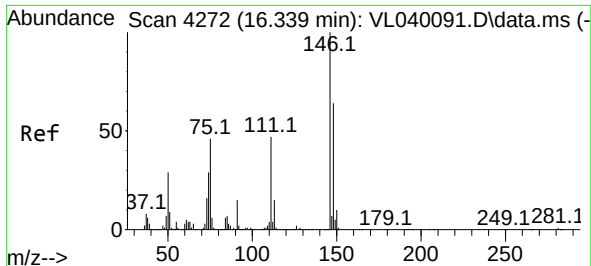
Tgt Ion:105 Resp: 2551567
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.2 54.4



#74
 1,2,4-Trimethylbenzene
 Concen: 8.641 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. -0.016 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

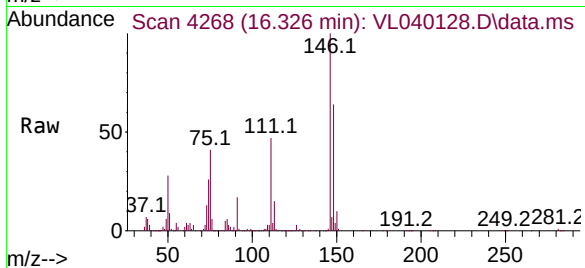
Tgt Ion:105 Resp: 2755210
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.0 57.0
 91 54.5 42.1 63.1
 77 23.2 19.3 28.9



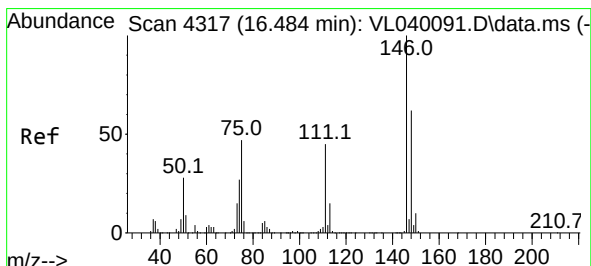
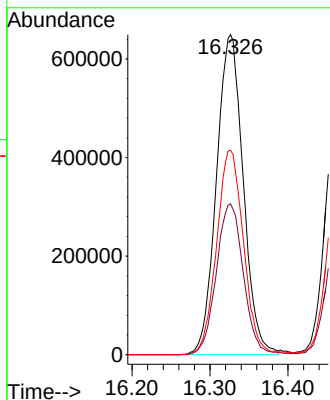
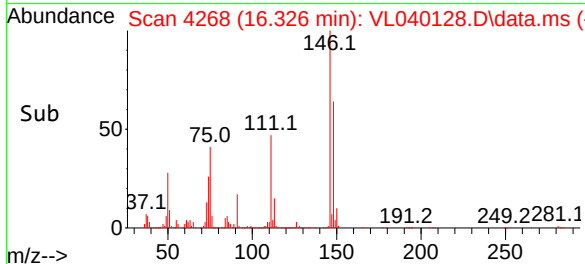


#75
1,3-Dichlorobenzene
Concen: 8.747 ppbv
RT: 16.326 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

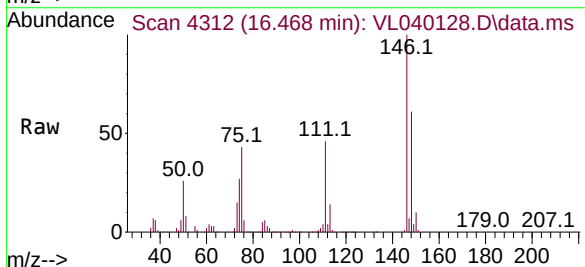
Instrument :
MSVOA_L
ClientSampleId :



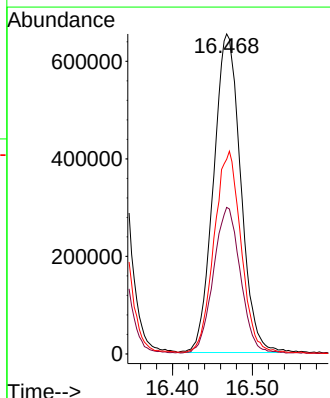
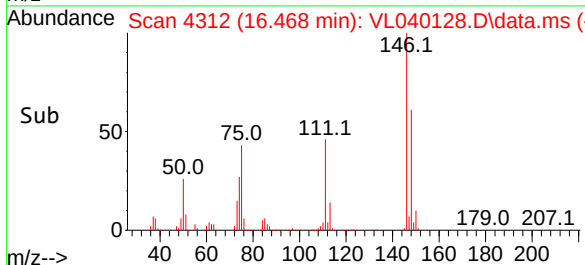
Tgt Ion:146 Resp: 1549136
Ion Ratio Lower Upper
146 100
111 47.6 24.3 73.0
148 64.4 32.3 96.8

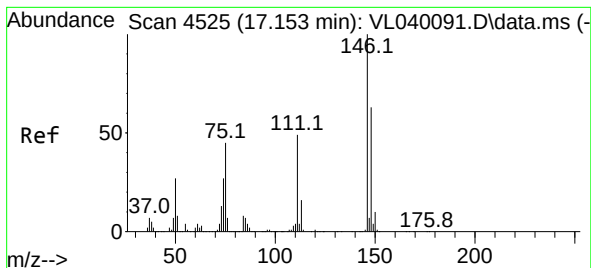


#76
1,4-Dichlorobenzene
Concen: 8.828 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion:146 Resp: 1537201
Ion Ratio Lower Upper
146 100
111 46.3 23.8 71.2
148 64.0 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 8.715 ppbv

RT: 17.137 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

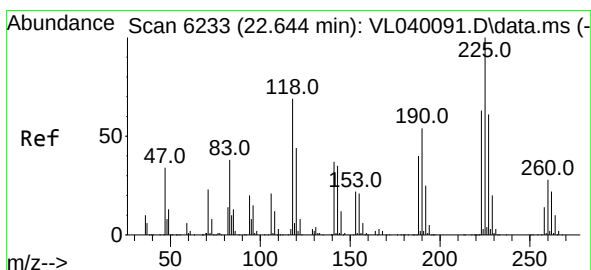
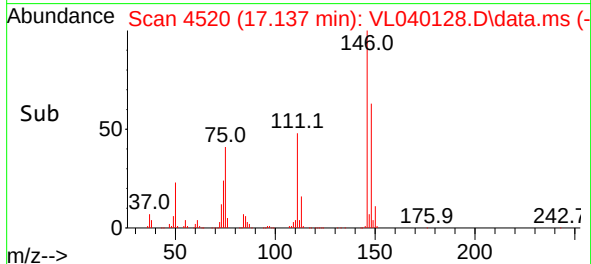
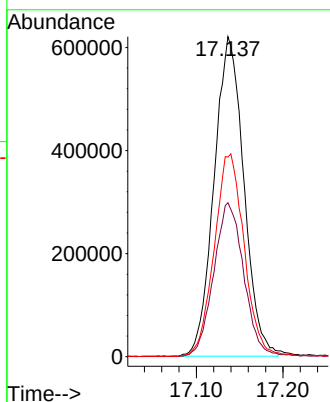
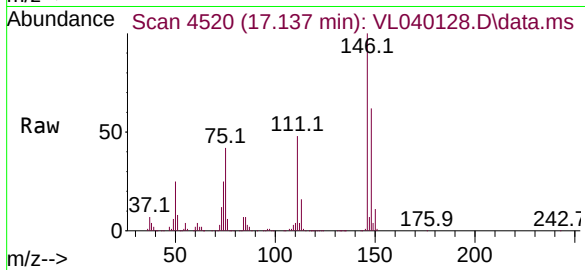
Tgt Ion:146 Resp: 1475999

Ion Ratio Lower Upper

146 100

111 49.0 25.1 75.2

148 64.3 32.4 97.0



#78

Hexachloro-1,3-Butadiene

Concen: 7.887 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

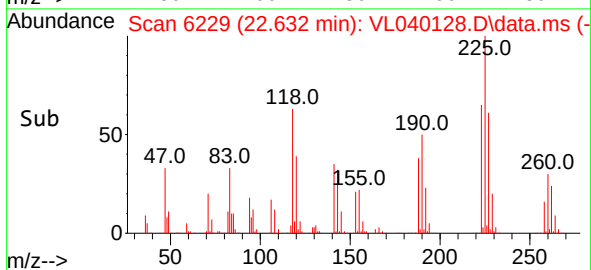
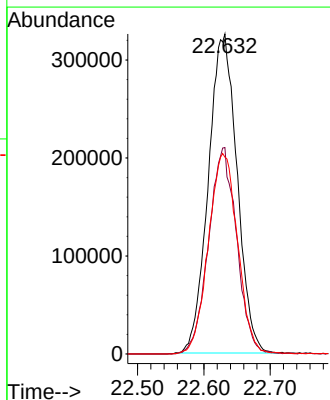
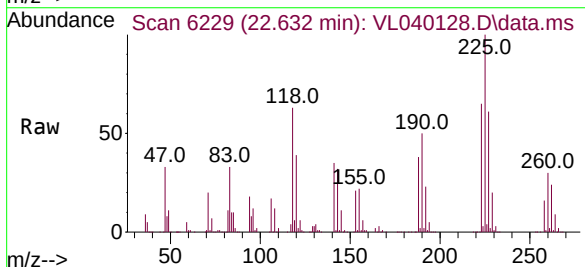
Tgt Ion:225 Resp: 978398

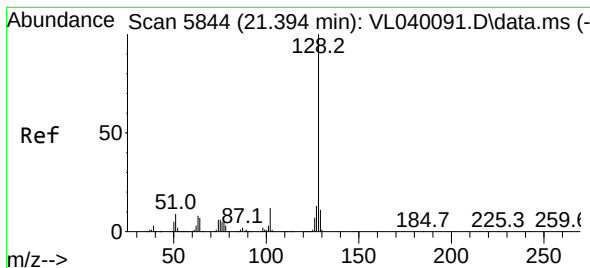
Ion Ratio Lower Upper

225 100

223 63.3 51.5 77.3

227 64.2 50.6 76.0





#79

Naphthalene

Concen: 11.285 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.016 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

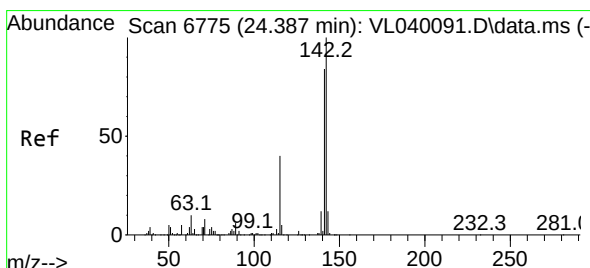
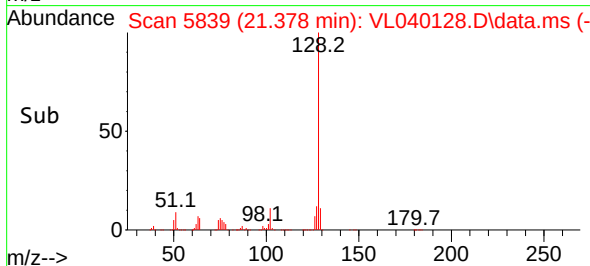
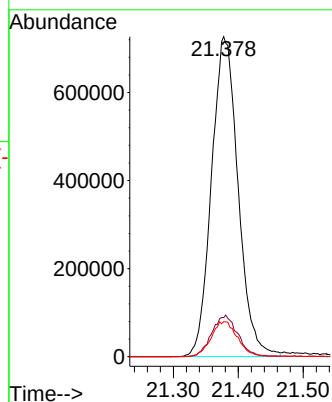
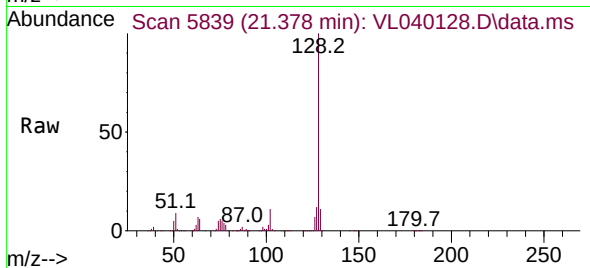
Tgt Ion:128 Resp: 2061410

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.9 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 11.105 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

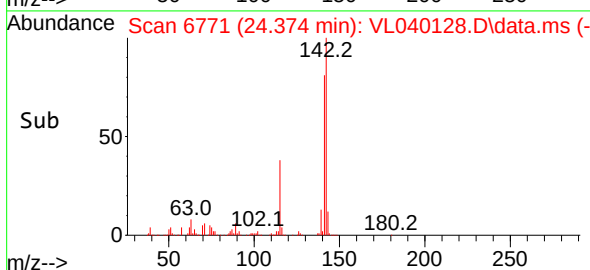
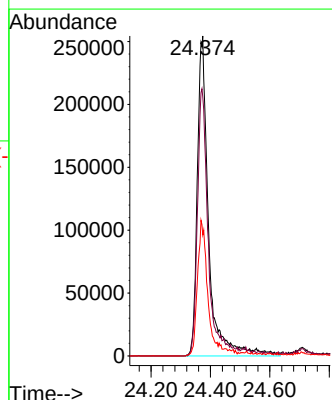
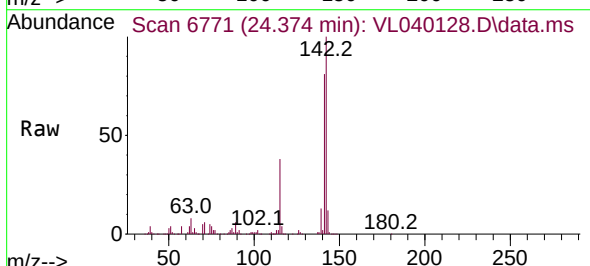
Tgt Ion:142 Resp: 683518

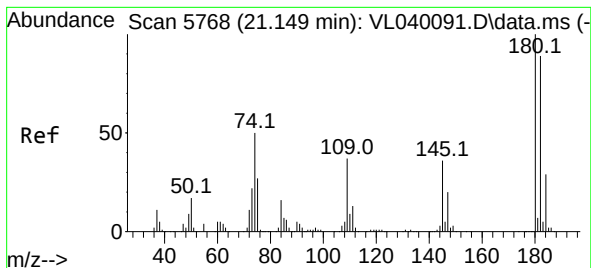
Ion Ratio Lower Upper

142 100

141 79.0 65.0 97.6

115 39.6 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 9.589 ppbv

RT: 21.133 min Scan# 51

Delta R.T. -0.016 min

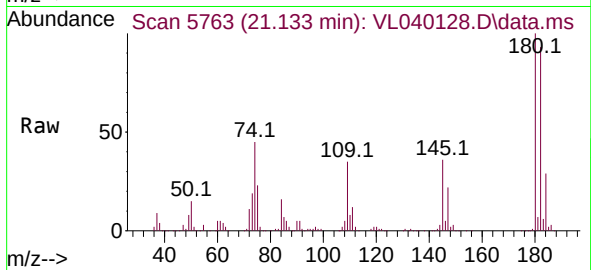
Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1079623

Ion Ratio Lower Upper

180 100

182 96.8 78.6 117.8

184 30.9 25.1 37.7

