

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040629.D
 Acq On : 15 Aug 2023 10:16
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 16 04:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1088967	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2853922	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	3358978	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2161864	8.093	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2072416	8.835	ppbv	100
3) Chlorodifluoromethane	2.668	51	1575922	8.814	ppbv	100
4) Chloromethane	2.806	50	625097	8.963	ppbv	100
5) Vinyl Chloride	2.915	62	671518	9.068	ppbv	100
6) Bromomethane	3.112	94	346876	8.886	ppbv	100
7) Chloroethane	3.192	64	243393	9.011	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1677704	8.837	ppbv	100
9) Propene	2.687	41	516627	9.325	ppbv	100
10) Heptane	7.590	43	1248358	9.785	ppbv	100
11) Trichlorofluoromethane	3.558	101	1686608	8.907	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.063	101	1237908	8.907	ppbv	100
13) Ethanol	3.240	45	118811	8.942	ppbv	94
14) Bromoethene	3.362	108	535515	9.383	ppbv	100
15) Acetone	3.465	43	1156669	8.684	ppbv	100
16) 1,3-Butadiene	2.980	39	617498	9.322	ppbv	100
17) tert-Butyl alcohol	3.877	59	1394695	9.873	ppbv	100
18) 1,1-Dichloroethene	3.880	96	562826	8.837	ppbv	100
19) Isopropyl Alcohol	3.571	45	856608	10.143	ppbv	99
20) Methylene Chloride	3.931	84	480743	7.386	ppbv	100
21) Allyl Chloride	3.996	41	827181	9.389	ppbv	100
22) trans-1,2-Dichloroethene	4.446	96	584530	9.349	ppbv	100
23) Vinyl Acetate	4.629	43	1433280	9.847	ppbv	100
24) 1,1-Dichloroethane	4.565	63	1172182	9.031	ppbv	100
25) Ethyl Acetate	5.208	43	2223978	8.891	ppbv	100
26) Hexane	5.214	57	1027827	8.492	ppbv	100
27) Carbon Disulfide	4.124	76	1433227	9.947	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	871143	9.310	ppbv	100
29) Chloroform	5.279	83	1704578	8.898	ppbv	100
30) Cyclohexane	6.610	84	865875	9.760	ppbv	100
31) cis-1,2-Dichloroethene	5.082	61	1048262	9.597	ppbv	100
32) 1,1,1-Trichloroethane	6.009	97	1708478	9.294	ppbv	100
34) 2-Butanone	4.787	43	1372884	9.539	ppbv	100
35) Carbon Tetrachloride	6.500	117	1745980	9.758	ppbv	100
36) Benzene	6.378	78	2160403	9.515	ppbv	100
37) 1,2-Dichloroethane	5.812	62	1286465	9.395	ppbv	100
38) Trichloroethene	7.301	130	847977	9.605	ppbv	100
39) 1,2-Dichloropropane	7.082	63	817291	9.462	ppbv	100
40) 1,4-Dioxane	7.298	88	354720	10.938	ppbv	100
41) Tetrahydrofuran	5.562	42	798617	9.861	ppbv	100
42) Bromodichloromethane	7.259	83	1862584	9.772	ppbv	100
43) Methyl Methacrylate	7.484	69	880987	10.368	ppbv	100
44) 2,2,4-Trimethylpentane	7.336	57	3538517	9.642	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	766395	11.438	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

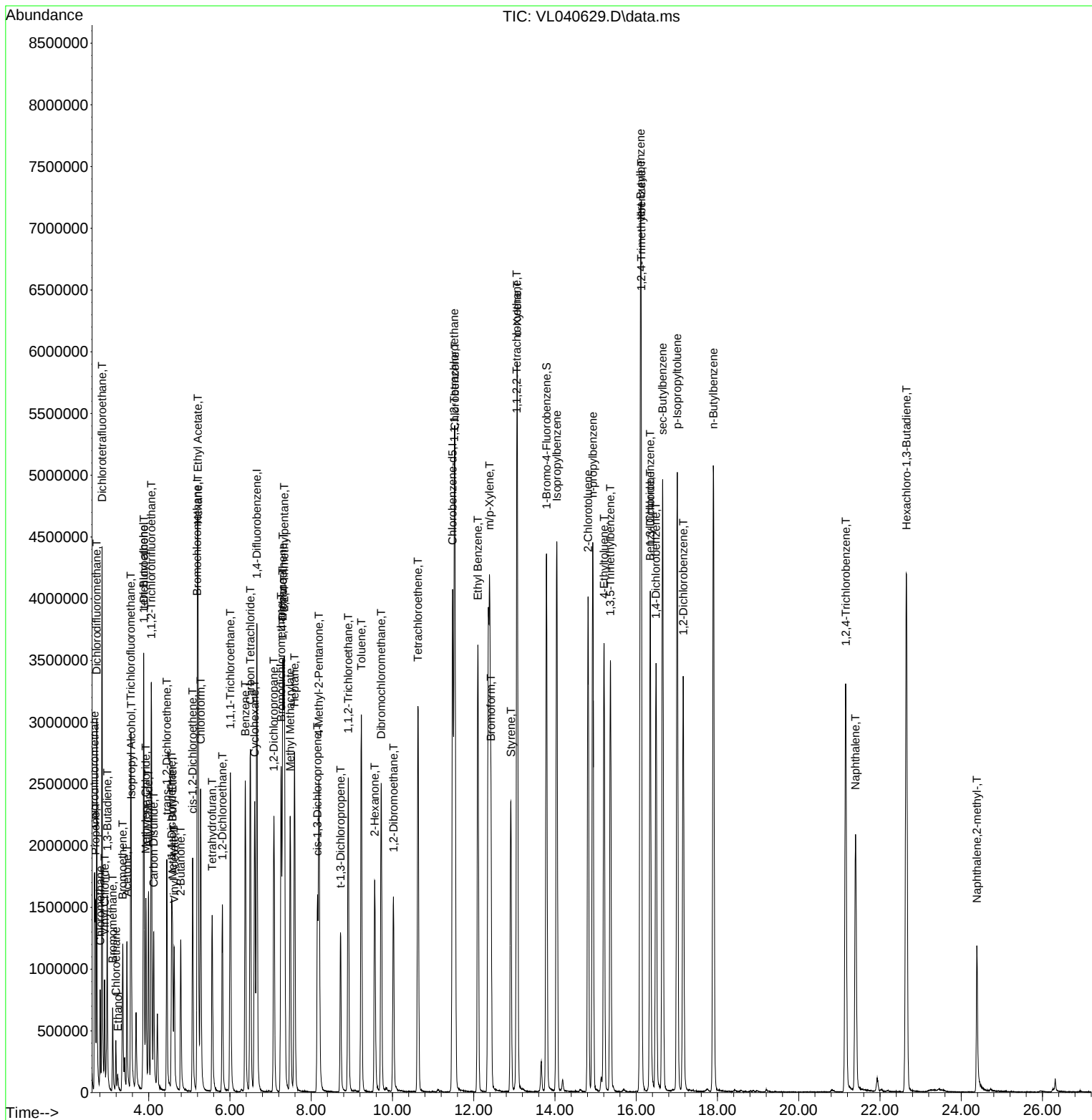
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 ClientSampleId :

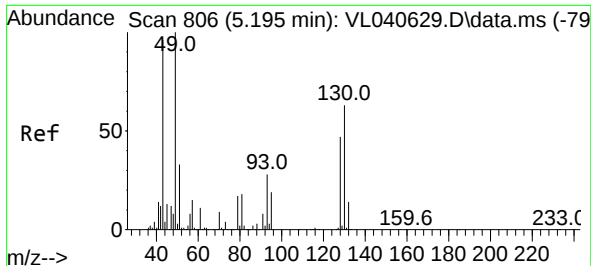
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	902979	10.939	ppbv	100
47) 1,1,2-Trichloroethane	8.912	97	922017	9.444	ppbv	100
48) Dibromochloromethane	9.722	129	1553068	10.164	ppbv	100
49) Bromoform	12.426	173	1281811	10.500	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	2099487	9.970	ppbv	100
51) 2-Hexanone	9.565	43	1550288	10.500	ppbv	100
52) Tetrachloroethene	10.629	164	743889	10.463	ppbv	100
53) Toluene	9.233	91	2508019	10.395	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1325120	11.309	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.523	131	1149522	7.390	ppbv	95
57) Chlorobenzene	11.539	112	1932684	7.455	ppbv	100
58) Ethyl Benzene	12.102	91	3388239	8.365	ppbv	100
59) m/p-Xylene	12.388	91	2716337	7.359	ppbv #	23
60) o-Xylene	13.073	91	2783399	7.948	ppbv	100
61) Styrene	12.915	104	1432191	9.335	ppbv	100
62) Isopropylbenzene	14.047	105	4055858	7.654	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2008987	7.569	ppbv	100
64) n-propylbenzene	14.931	120	1049258	7.832	ppbv	99
65) tert-Butylbenzene	16.105	119	3545642	7.719	ppbv	100
66) Benzyl Chloride	16.343	91	479773	8.368	ppbv	100
67) sec-Butylbenzene	16.651	105	5096000	7.604	ppbv	100
69) p-Isopropyltoluene	17.008	119	4109457	7.836	ppbv	100
70) n-Butylbenzene	17.902	91	4498648	7.858	ppbv	100
71) 2-Chlorotoluene	14.815	91	3137689	7.979	ppbv	100
72) 4-Ethyltoluene	15.208	105	3259756	8.245	ppbv	100
73) 1,3,5-Trimethylbenzene	15.365	105	2777938	7.879	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	3114887	7.547	ppbv	100
75) 1,3-Dichlorobenzene	16.346	146	1822799	7.652	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1790166	7.519	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1732680	7.399	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1200664	6.744	ppbv	100
79) Naphthalene	21.400	128	2658433	9.625	ppbv	100
80) Naphthalene,2-methyl-	24.387	142	827305	11.218	ppbv	100
81) 1,2,4-Trichlorobenzene	21.159	180	1436215	8.005	ppbv	99

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

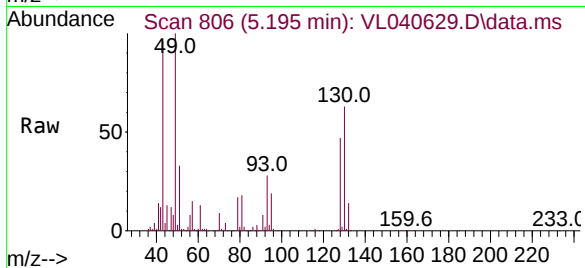
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Aug 16 04:44:10 2023
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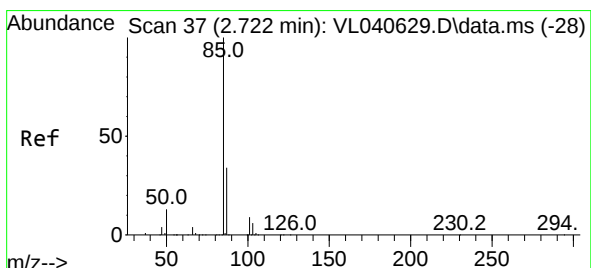
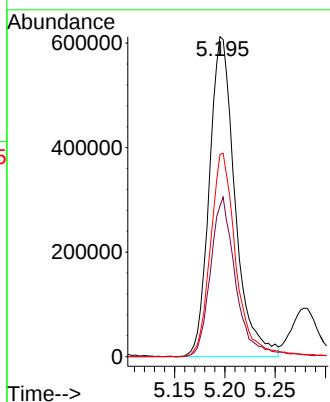
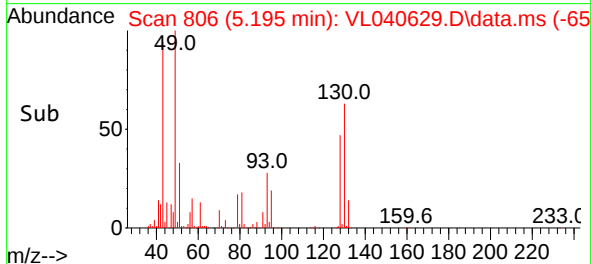


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :

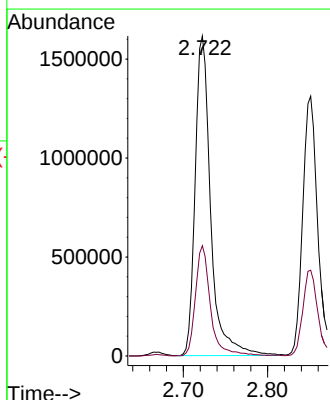
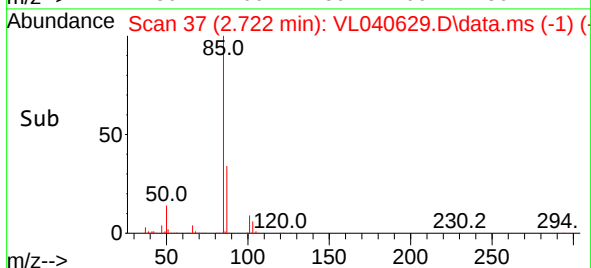
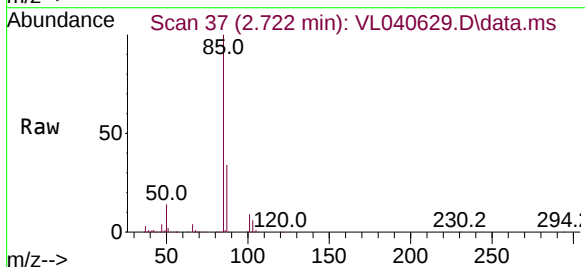


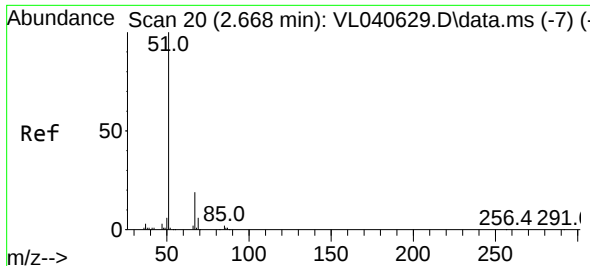
Tgt Ion: 49 Resp: 1088967
Ion Ratio Lower Upper
49 100
128 49.8 24.9 74.7
130 64.4 32.2 96.6



#2
Dichlorodifluoromethane
Concen: 8.835 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 85 Resp: 2072416
Ion Ratio Lower Upper
85 100
87 34.4 27.5 41.3

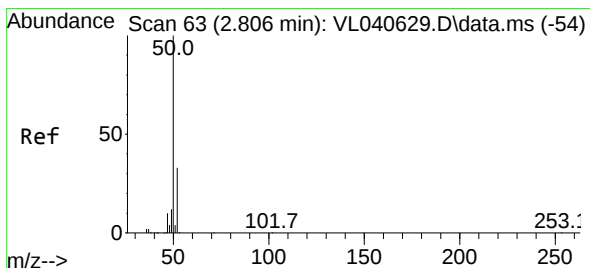
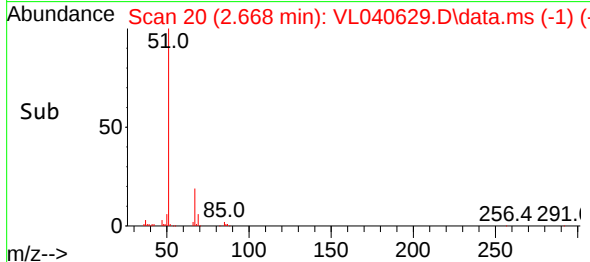
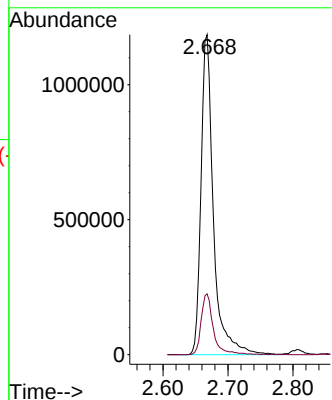
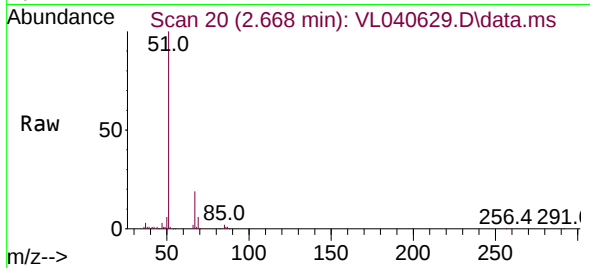




#3
Chlorodifluoromethane
Concen: 8.814 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

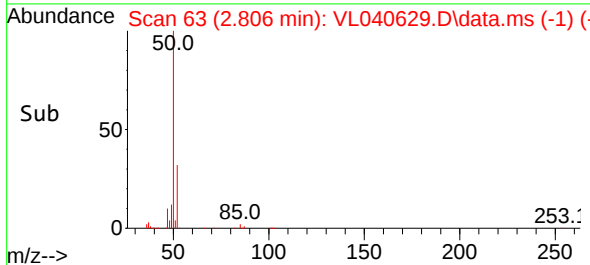
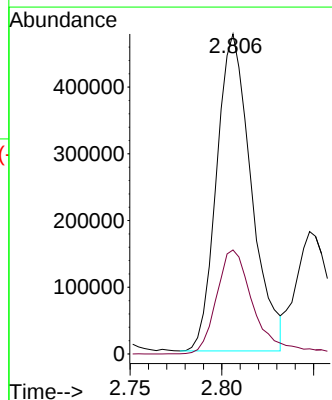
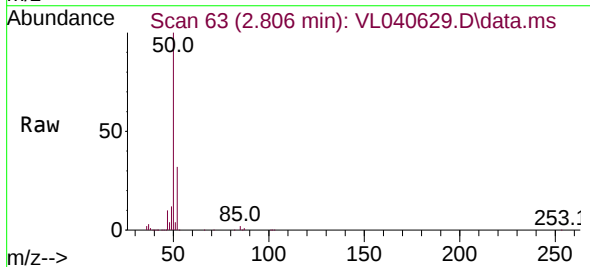
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ClientSampleId :

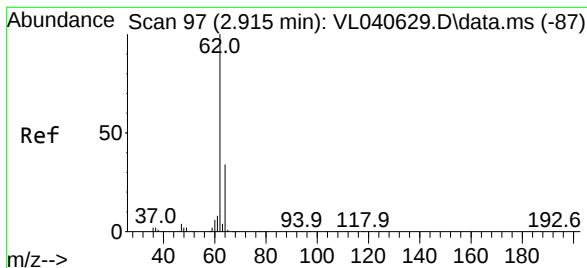
Tgt Ion: 51 Resp: 1575922
Ion Ratio Lower Upper
51 100
67 18.8 15.0 22.6



#4
Chloromethane
Concen: 8.963 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 50 Resp: 625097
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

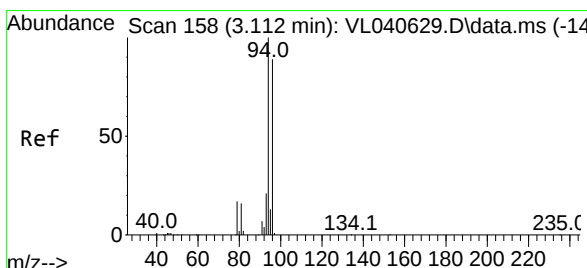
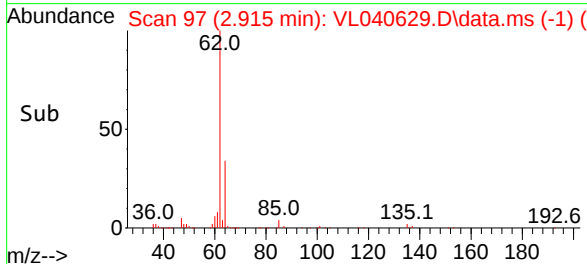
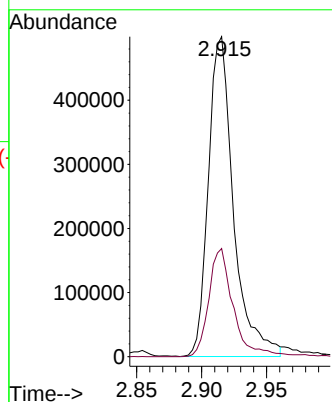
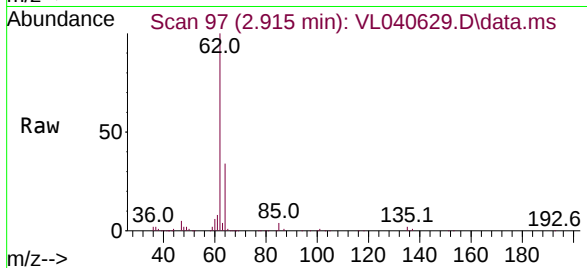




#5
 Vinyl Chloride
 Concen: 9.068 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

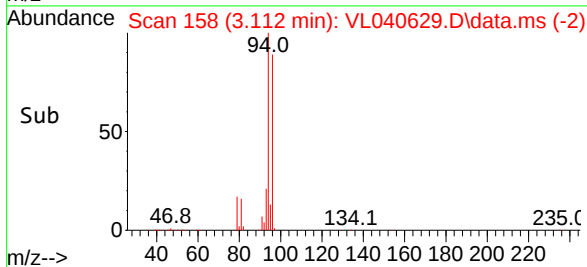
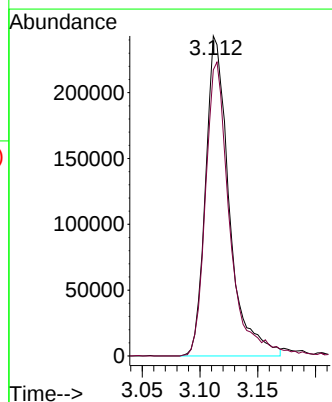
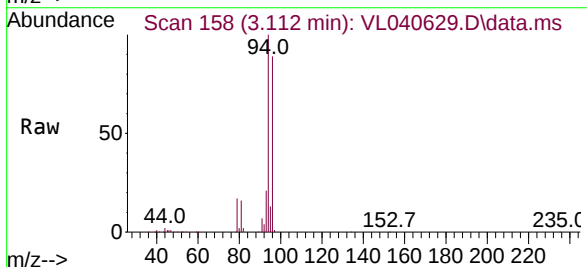
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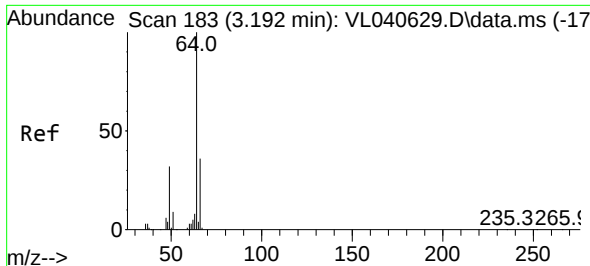
Tgt Ion: 62 Resp: 671518
 Ion Ratio Lower Upper
 62 100
 64 33.8 27.0 40.6



#6
 Bromomethane
 Concen: 8.886 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Tgt Ion: 94 Resp: 346876
 Ion Ratio Lower Upper
 94 100
 96 89.4 71.5 107.3

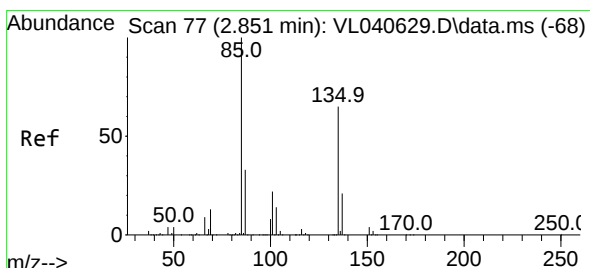
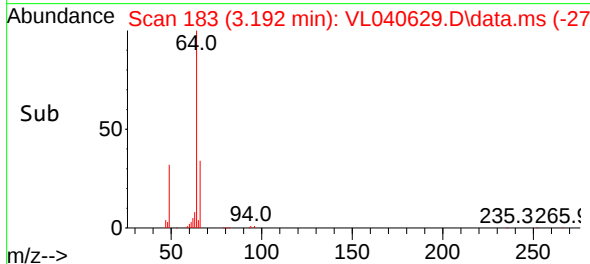
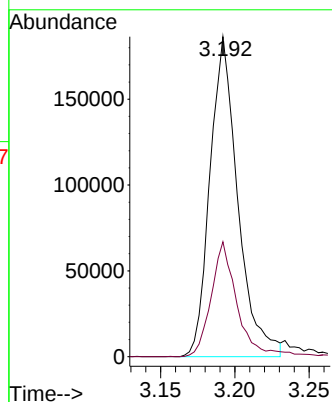
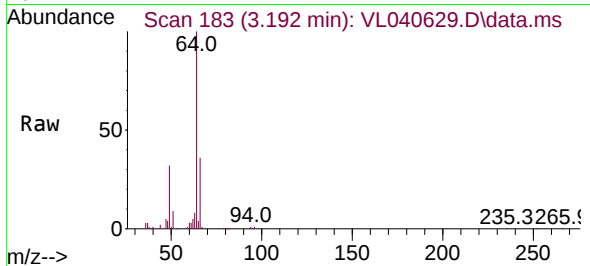




#7
Chloroethane
Concen: 9.011 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

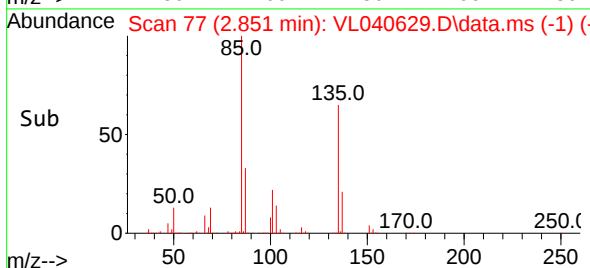
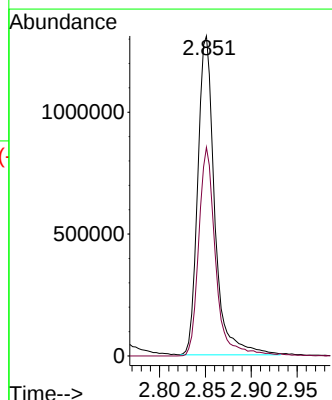
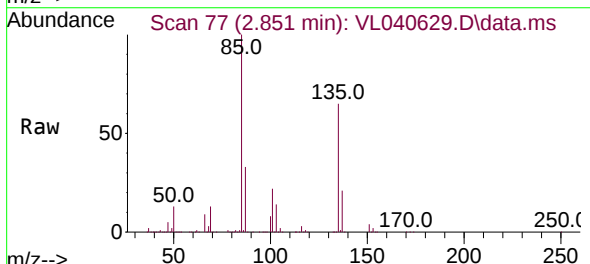
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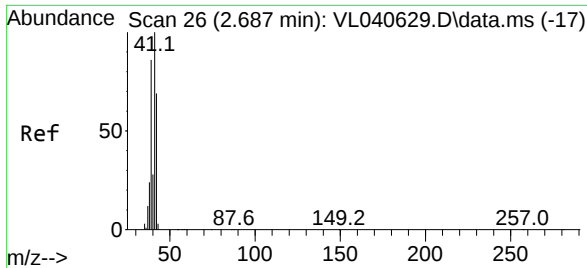
Tgt Ion: 64 Resp: 243393
Ion Ratio Lower Upper
64 100
66 35.9 28.7 43.1



#8
Dichlorotetrafluoroethane
Concen: 8.837 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 85 Resp: 1677704
Ion Ratio Lower Upper
85 100
135 66.0 52.8 79.2

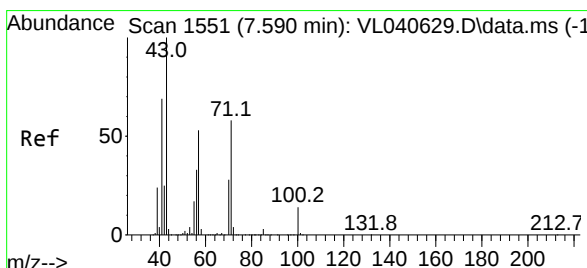
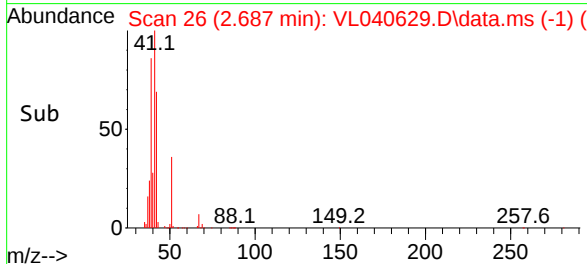
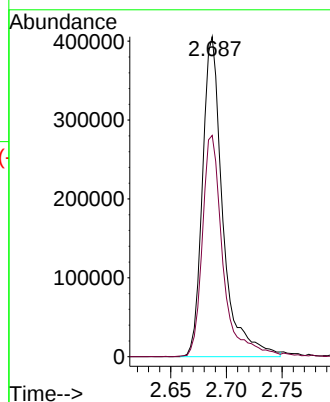
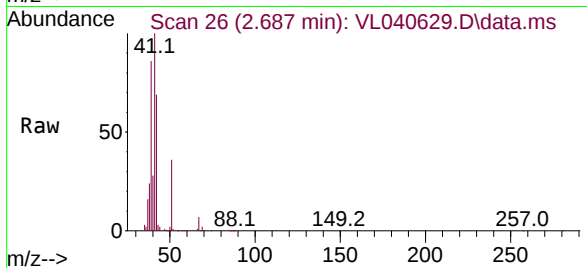




#9
 Propene
 Concen: 9.325 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

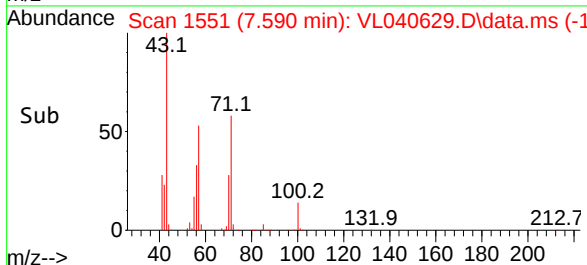
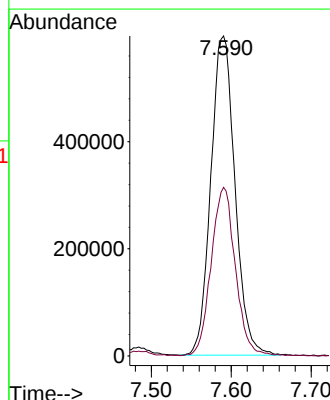
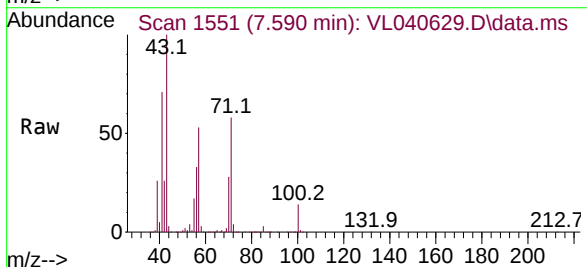
Instrument :
 MSVOA_L
 ClientSampleId :

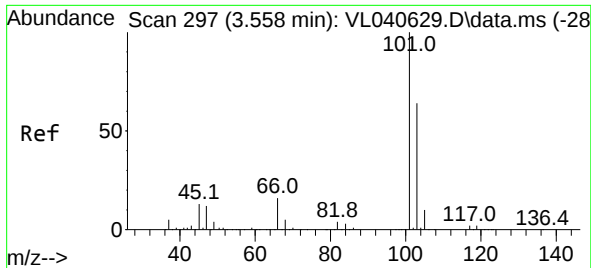
Tgt Ion: 41 Resp: 516627
 Ion Ratio Lower Upper
 41 100
 42 70.6 56.5 84.7



#10
 Heptane
 Concen: 9.785 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Tgt Ion: 43 Resp: 1248358
 Ion Ratio Lower Upper
 43 100
 57 53.1 42.5 63.7





#11

Trichlorofluoromethane

Concen: 8.907 ppbv

RT: 3.558 min Scan# 297

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

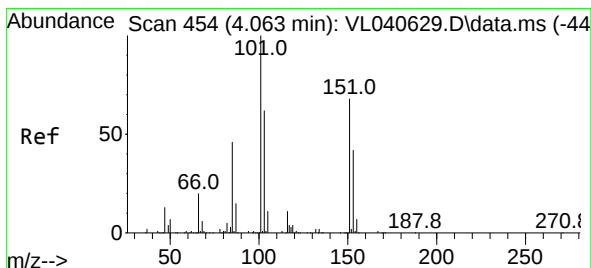
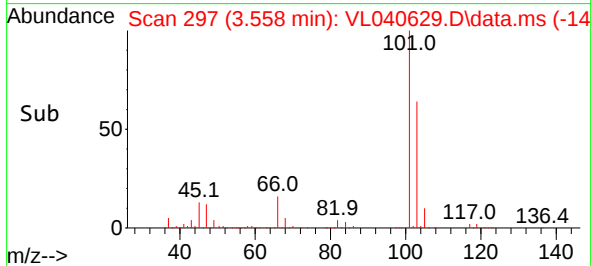
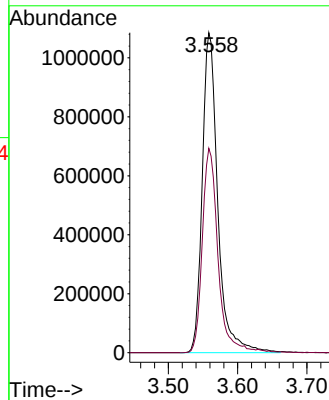
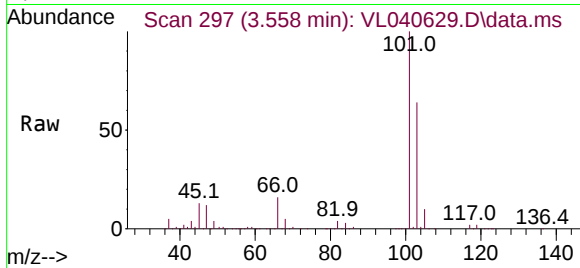
ClientSampleId :

Tgt Ion:101 Resp: 1686608

Ion Ratio Lower Upper

101 100

103 63.9 51.1 76.7



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.907 ppbv

RT: 4.063 min Scan# 454

Delta R.T. 0.000 min

Lab File: VL040629.D

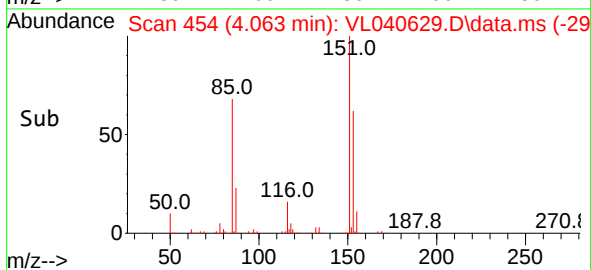
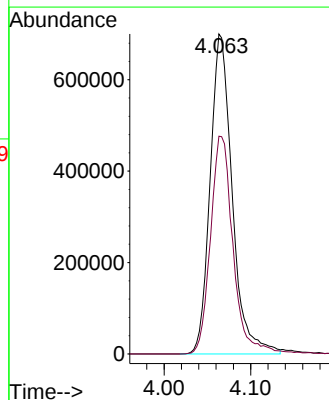
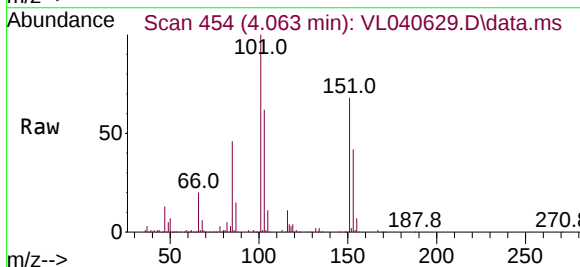
Acq: 15 Aug 2023 10:16

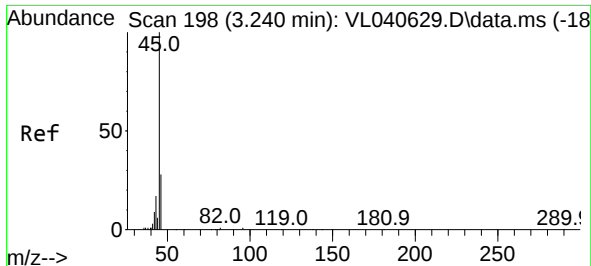
Tgt Ion:101 Resp: 1237908

Ion Ratio Lower Upper

101 100

151 70.2 56.2 84.2

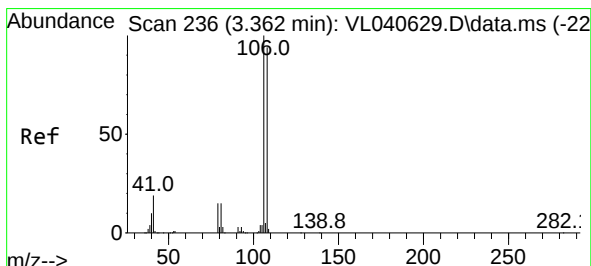
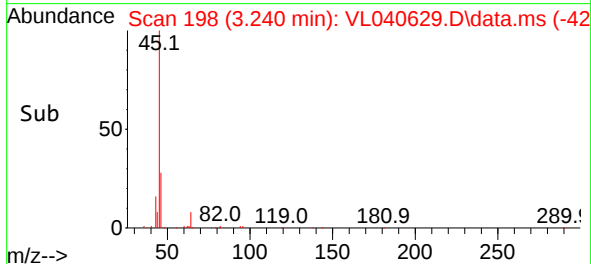
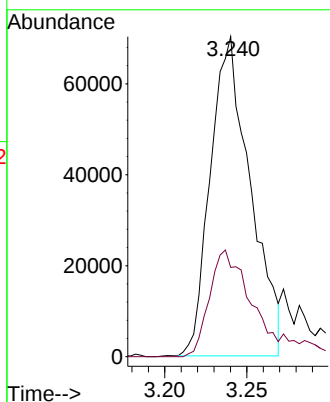
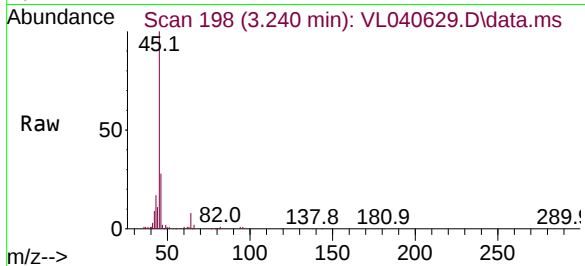




#13
Ethanol
Concen: 8.942 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

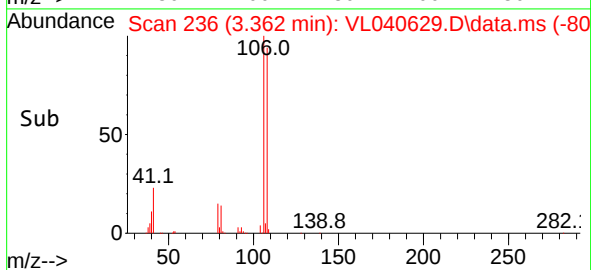
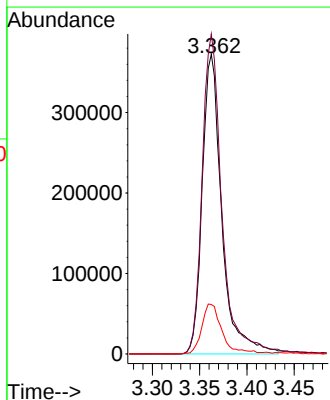
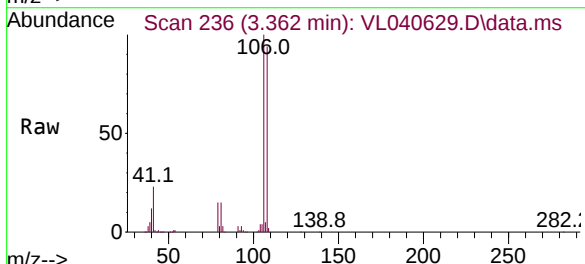
Instrument :
MSVOA_L
ClientSampleId :

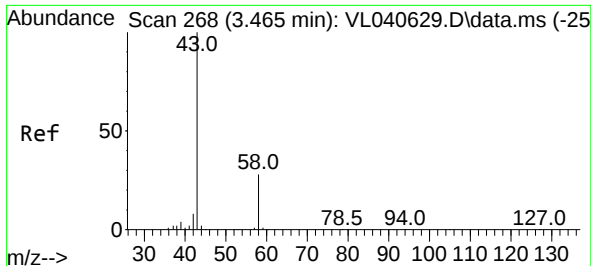
Tgt Ion: 45 Resp: 118811
Ion Ratio Lower Upper
45 100
46 39.0 14.2 56.6



#14
Bromoethene
Concen: 9.383 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 108 Resp: 535515
Ion Ratio Lower Upper
108 100
106 109.1 87.3 130.9
79 18.0 14.4 21.6

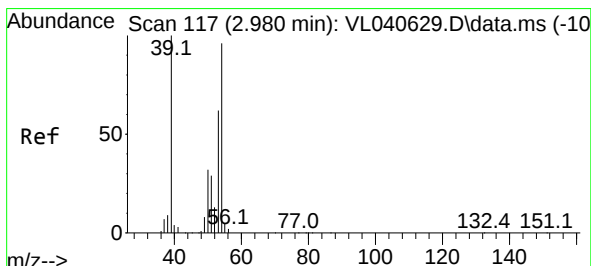
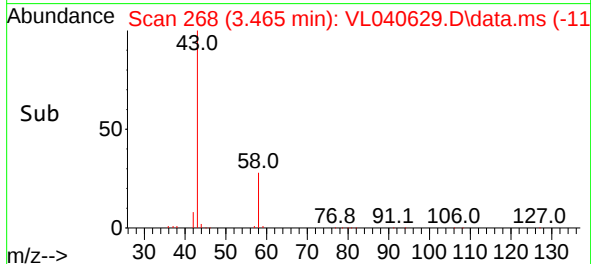
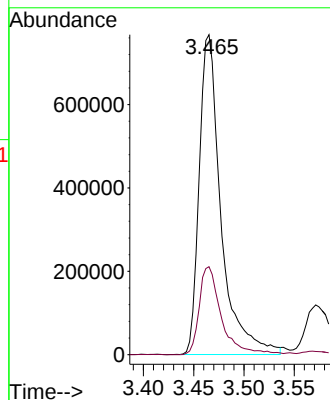
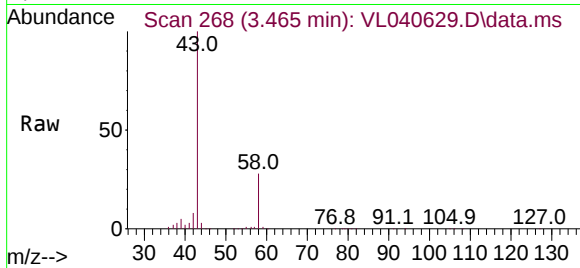




#15
Acetone
Concen: 8.684 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

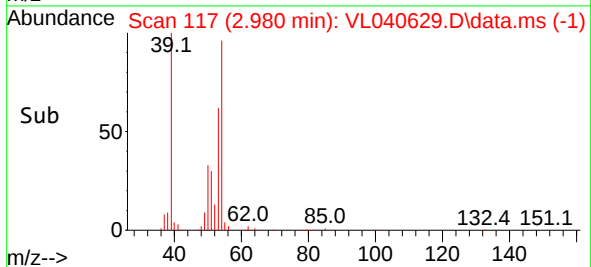
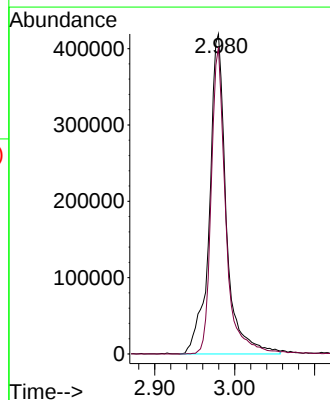
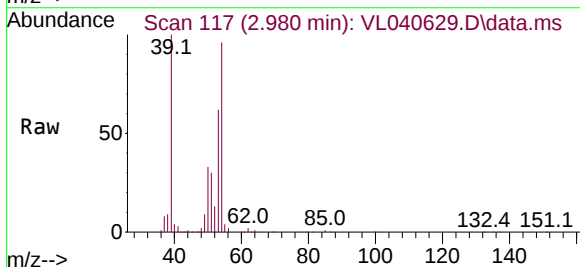
Instrument :
MSVOA_L
ClientSampleId :

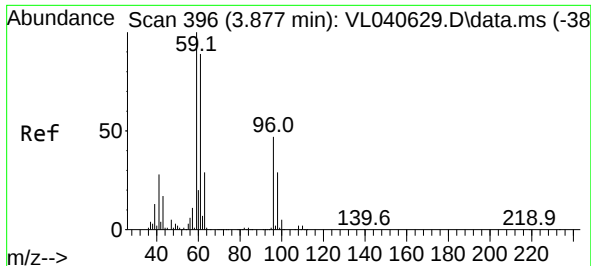
Tgt Ion: 43 Resp: 1156669
Ion Ratio Lower Upper
43 100
58 28.2 22.4 33.6



#16
1,3-Butadiene
Concen: 9.322 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 39 Resp: 617498
Ion Ratio Lower Upper
39 100
54 83.2 66.6 99.8





#17

tert-Butyl alcohol

Concen: 9.873 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

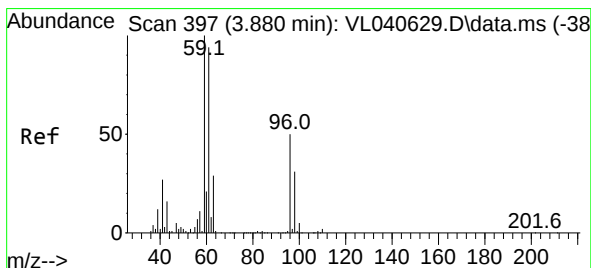
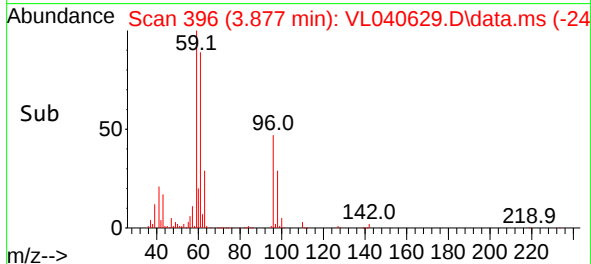
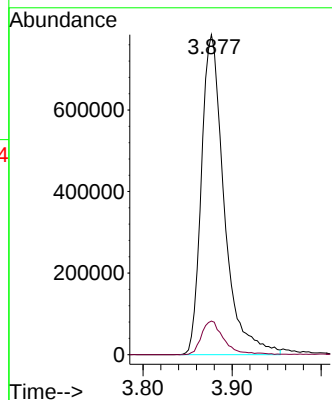
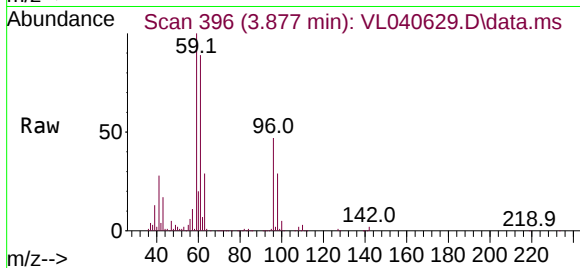
ClientSampleId :

Tgt Ion: 59 Resp: 1394695

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



#18

1,1-Dichloroethene

Concen: 8.837 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

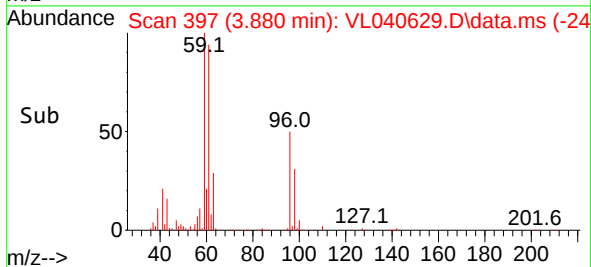
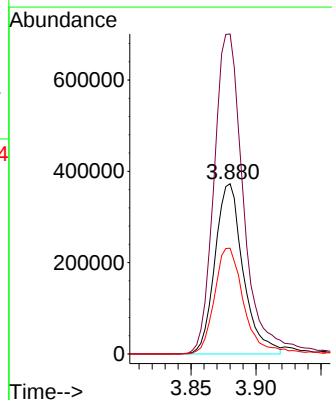
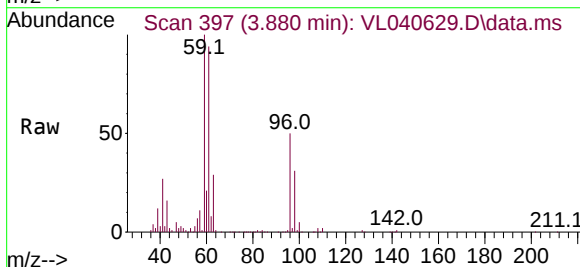
Tgt Ion: 96 Resp: 562826

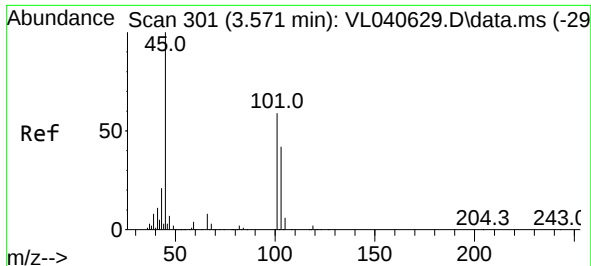
Ion Ratio Lower Upper

96 100

61 188.0 150.4 225.6

98 62.1 49.7 74.5

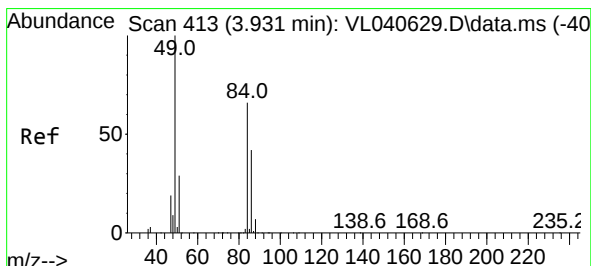
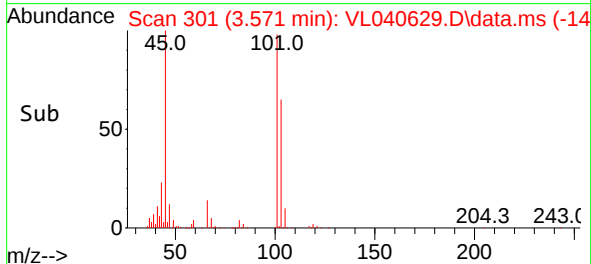
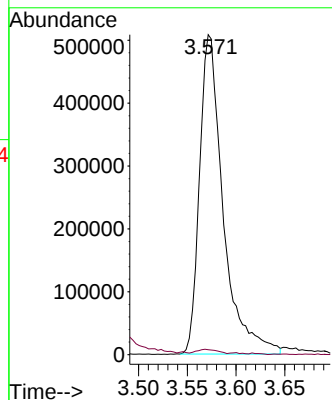
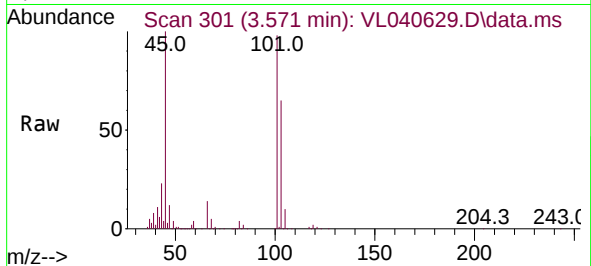




#19
Isopropyl Alcohol
Concen: 10.143 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

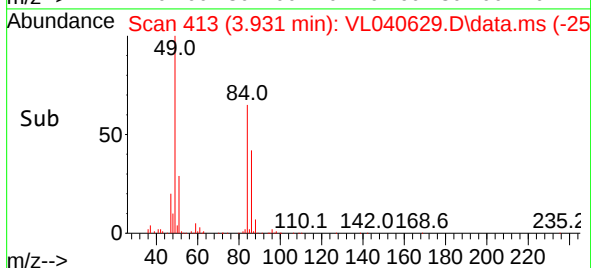
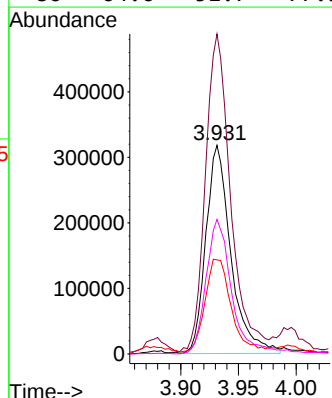
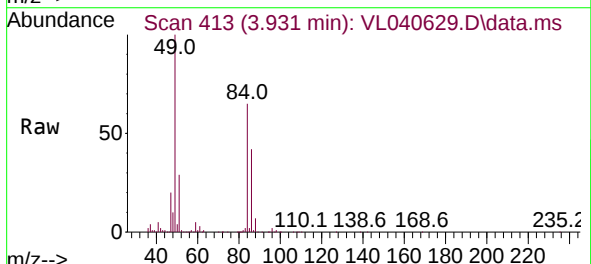
Instrument :
MSVOA_L
ClientSampleId :

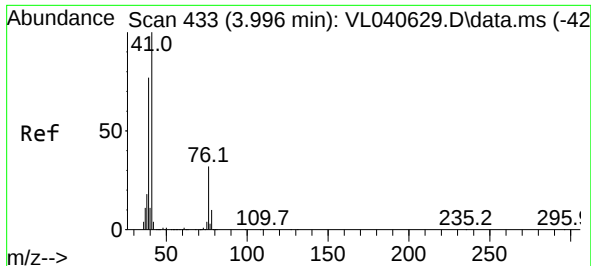
Tgt Ion: 45 Resp: 856608
Ion Ratio Lower Upper
45 100
58 2.1 1.9 2.9



#20
Methylene Chloride
Concen: 7.386 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 84 Resp: 480743
Ion Ratio Lower Upper
84 100
49 152.6 122.1 183.1
51 44.3 35.4 53.2
86 64.6 51.7 77.5





#21

Allyl Chloride

Concen: 9.389 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

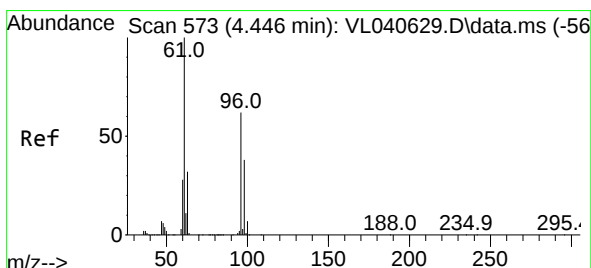
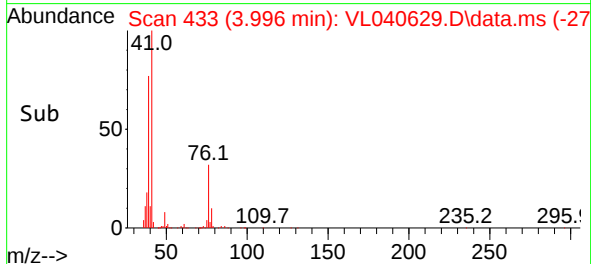
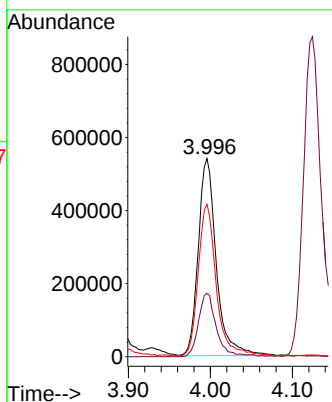
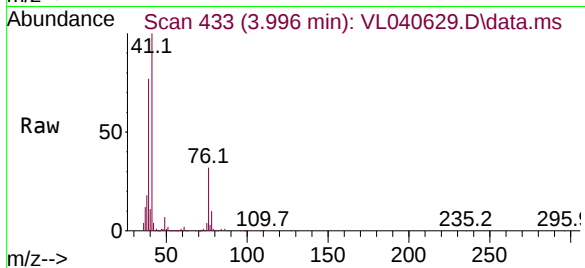
Tgt Ion: 41 Resp: 827181

Ion Ratio Lower Upper

41 100

76 31.7 25.5 38.3

39 77.3 61.8 92.6



#22

trans-1,2-Dichloroethene

Concen: 9.349 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

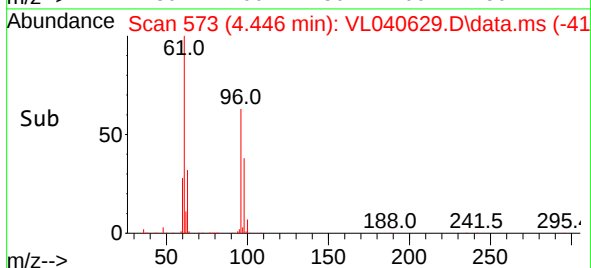
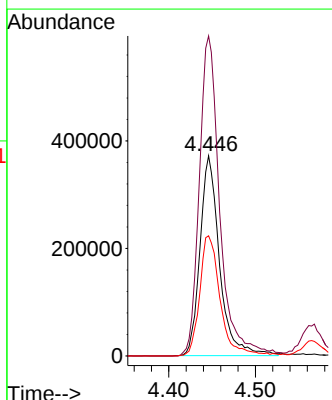
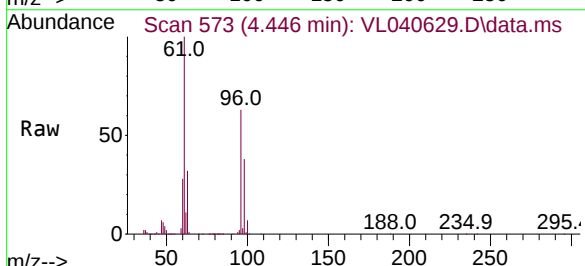
Tgt Ion: 96 Resp: 584530

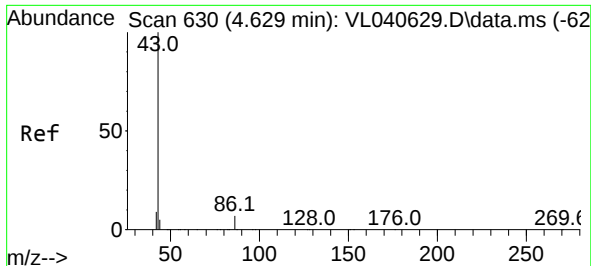
Ion Ratio Lower Upper

96 100

61 160.1 128.1 192.1

98 60.1 48.1 72.1



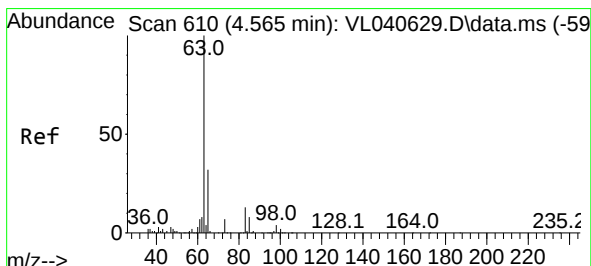
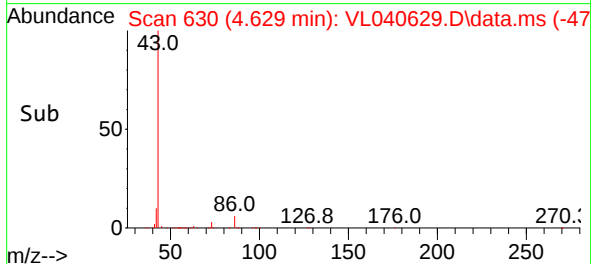
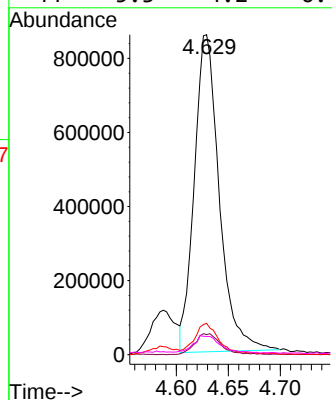
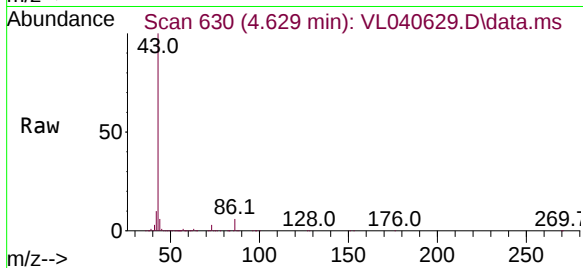


#23
 Vinyl Acetate
 Concen: 9.847 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1433280

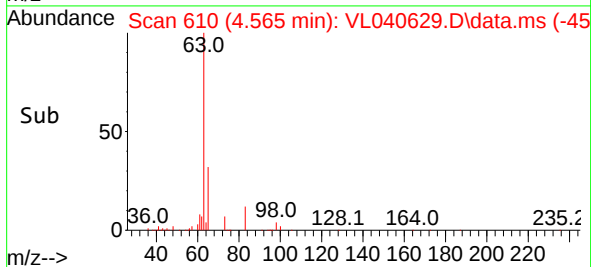
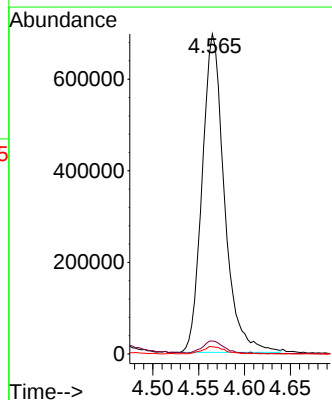
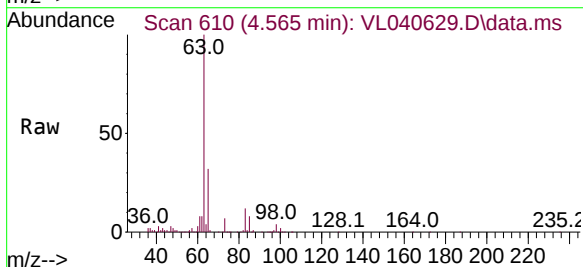
Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.0	7.6
42	9.8	7.8	11.8
44	5.3	4.2	6.4

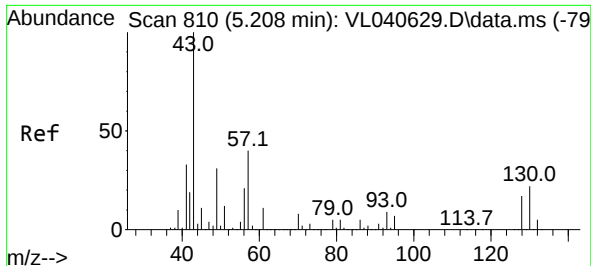


#24
 1,1-Dichloroethane
 Concen: 9.031 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Tgt Ion: 63 Resp: 1172182

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.0	6.0
100	2.2	1.1	3.3



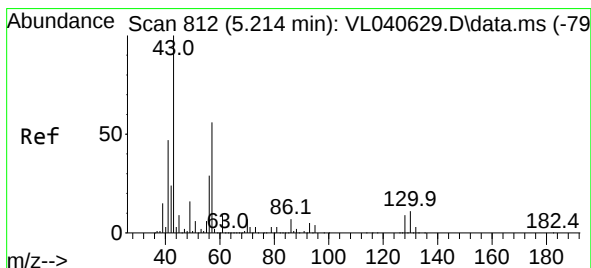
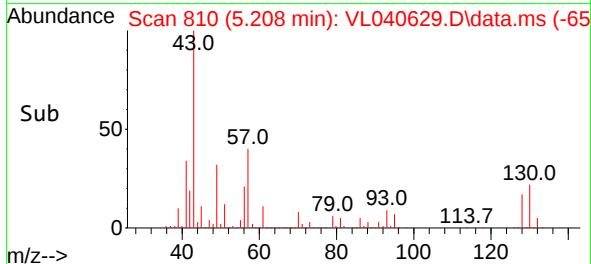
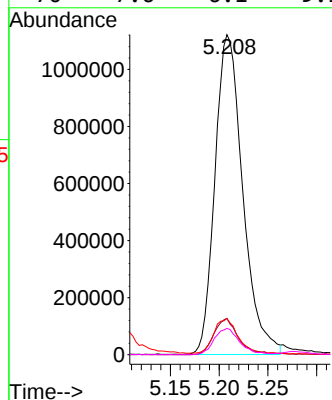
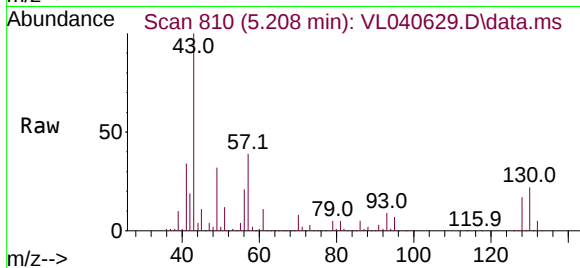


#25
Ethyl Acetate
Concen: 8.891 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2223978

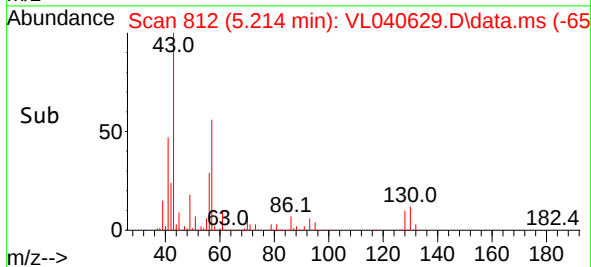
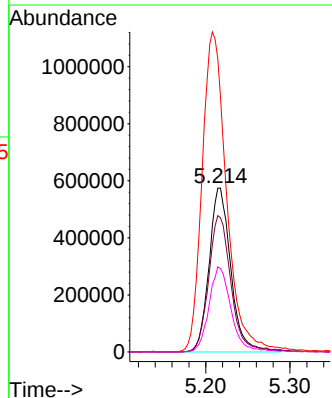
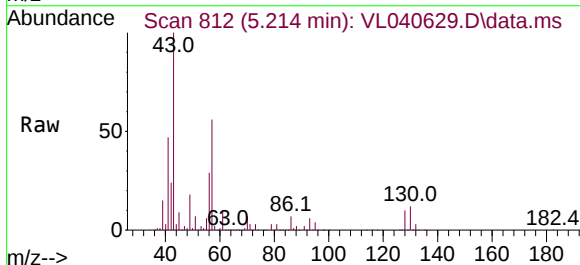
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.4	8.3	12.5
70	7.6	6.1	9.1

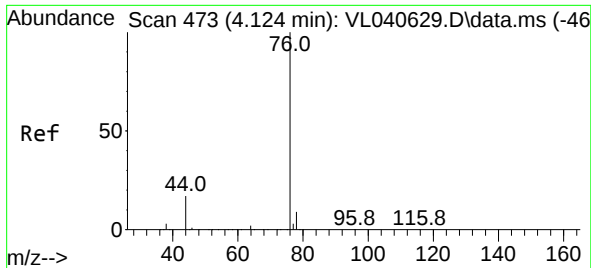


#26
Hexane
Concen: 8.492 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 57 Resp: 1027827

Ion	Ratio	Lower	Upper
57	100		
41	86.5	69.3	103.9
43	221.7	177.9	266.9
56	53.1	42.5	63.7



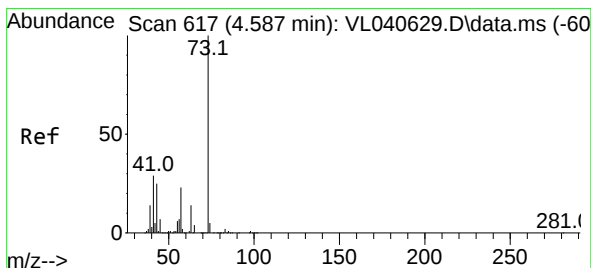
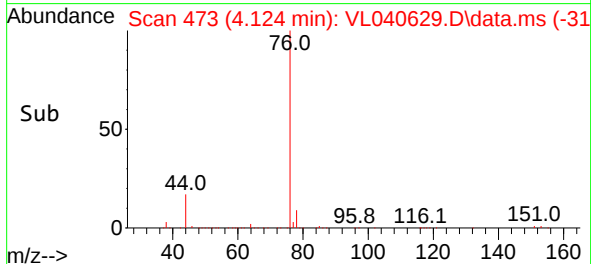
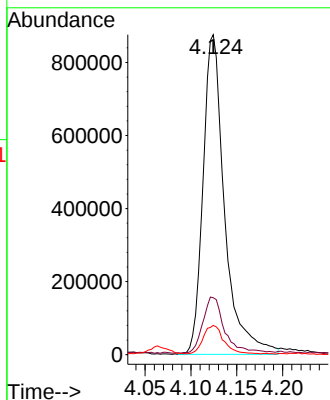
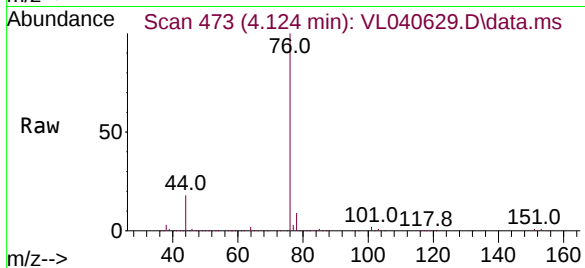


#27
Carbon Disulfide
Concen: 9.947 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1433227

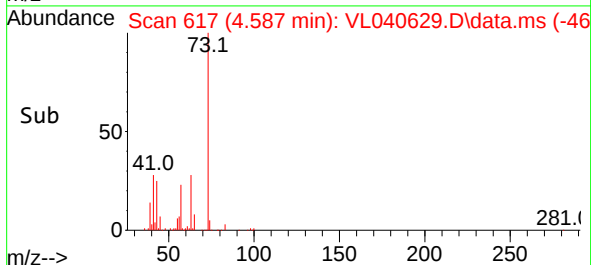
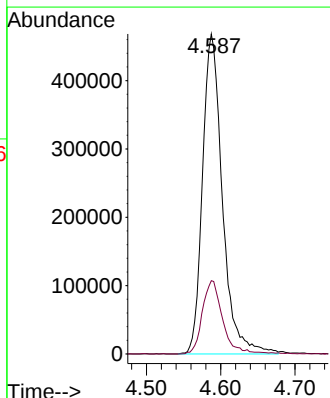
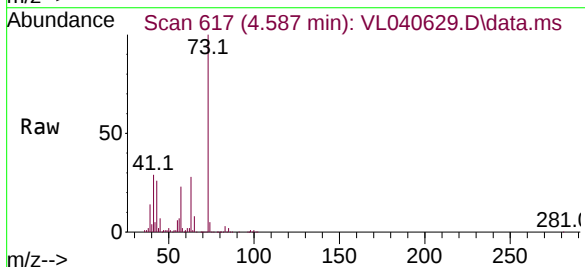
Ion	Ratio	Lower	Upper
76	100		
44	17.9	14.3	21.5
78	9.2	7.4	11.0

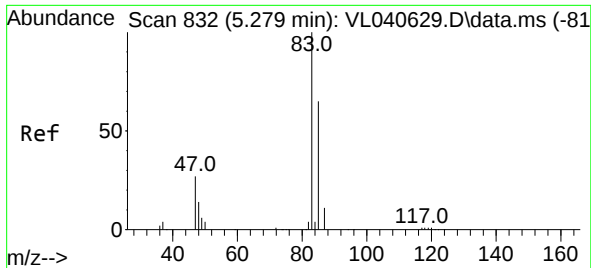


#28
Methyl tert-Butyl Ether
Concen: 9.310 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 73 Resp: 871143

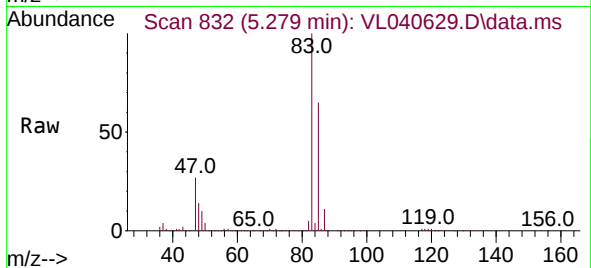
Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.9	28.3



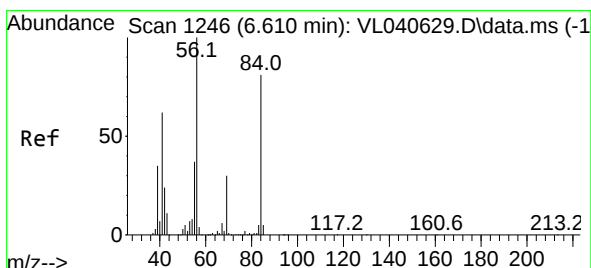
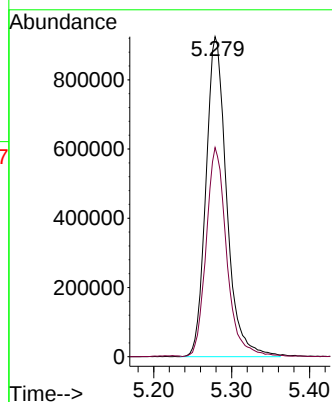
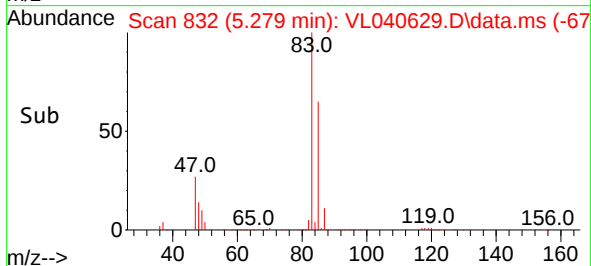


#29
Chloroform
Concen: 8.898 ppbv
RT: 5.279 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :

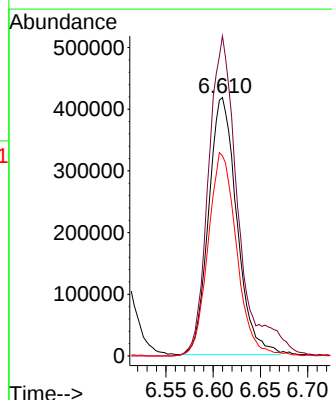
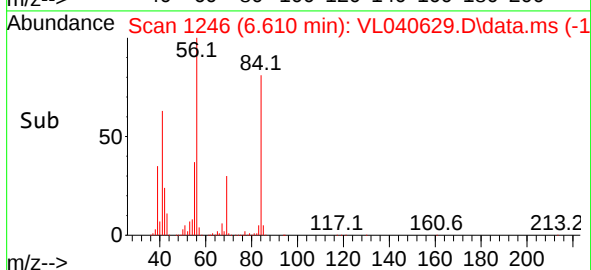
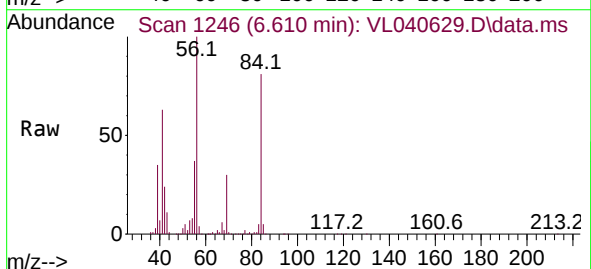


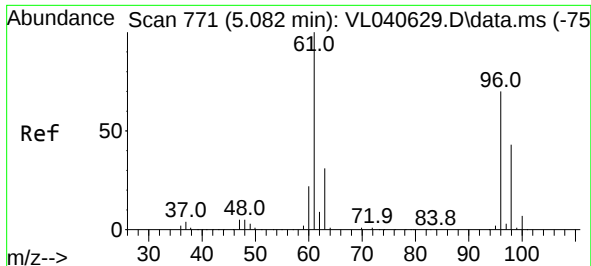
Tgt Ion: 83 Resp: 1704578
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2



#30
Cyclohexane
Concen: 9.760 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 84 Resp: 865875
Ion Ratio Lower Upper
84 100
56 131.8 105.4 158.2
41 80.2 64.2 96.2



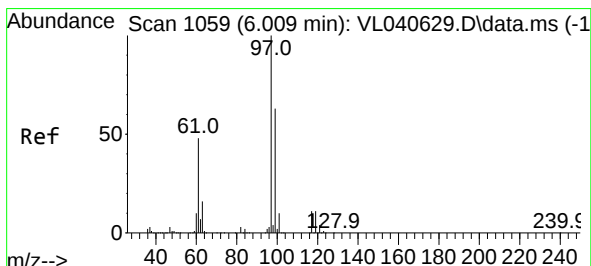
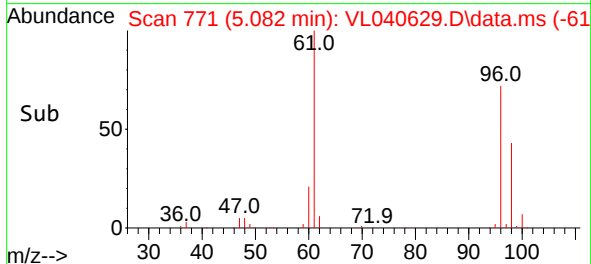
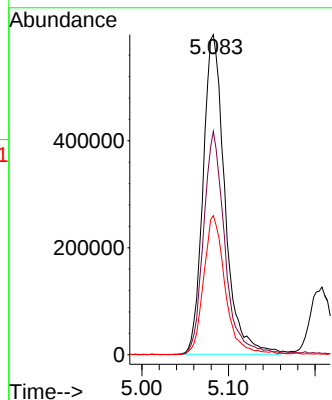
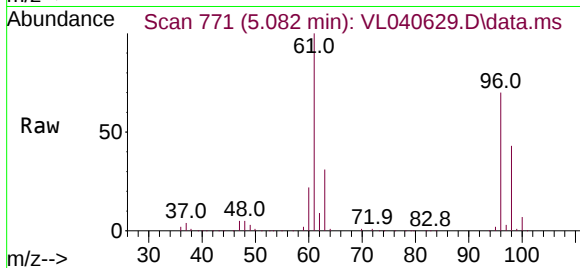


#31
 cis-1,2-Dichloroethene
 Concen: 9.597 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 61 Resp: 1048262

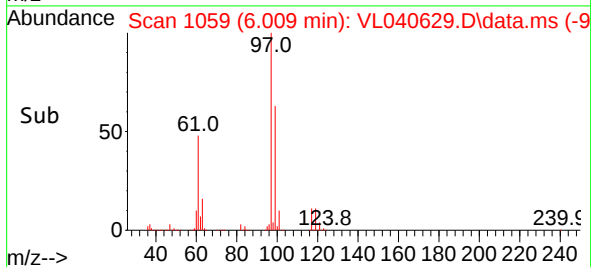
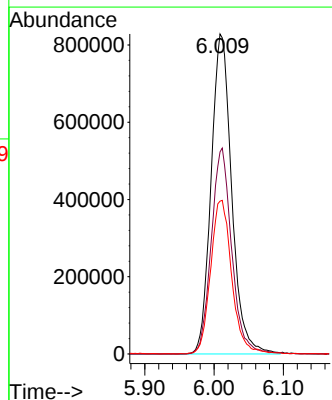
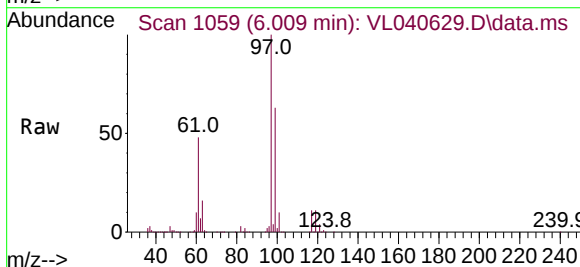
Ion	Ratio	Lower	Upper
61	100		
96	69.7	55.8	83.6
98	43.5	34.8	52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.294 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Tgt Ion: 97 Resp: 1708478

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	49.6	39.7	59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

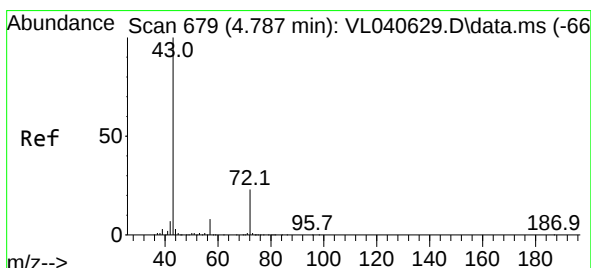
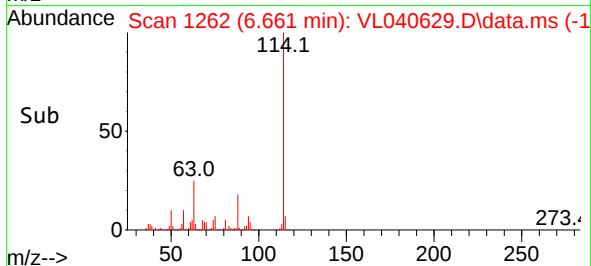
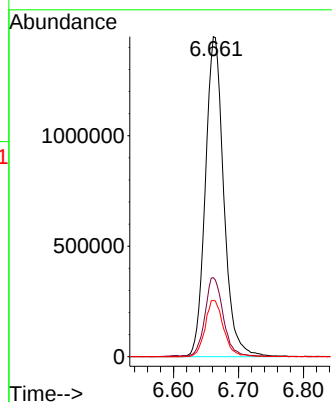
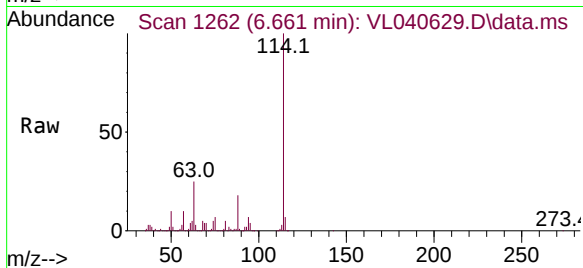
Tgt Ion:114 Resp: 2853922

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

88 17.7 14.1 21.1



#34

2-Butanone

Concen: 9.539 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.000 min

Lab File: VL040629.D

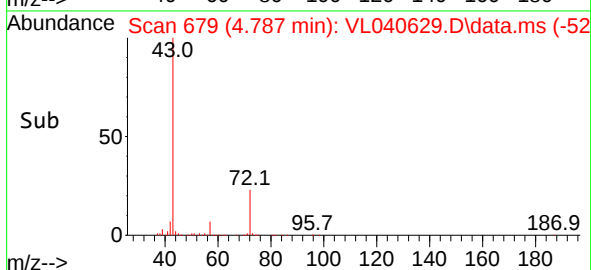
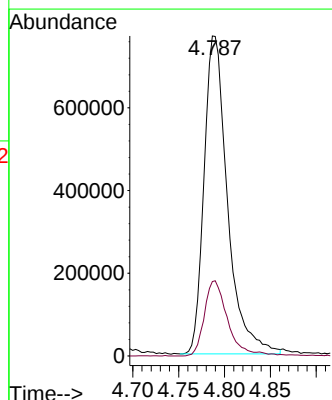
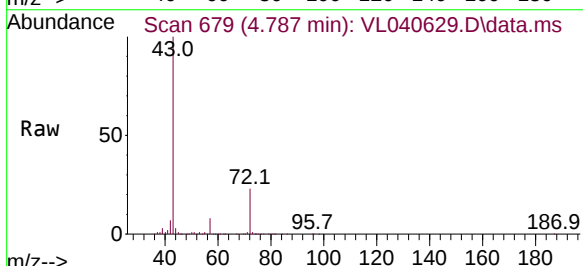
Acq: 15 Aug 2023 10:16

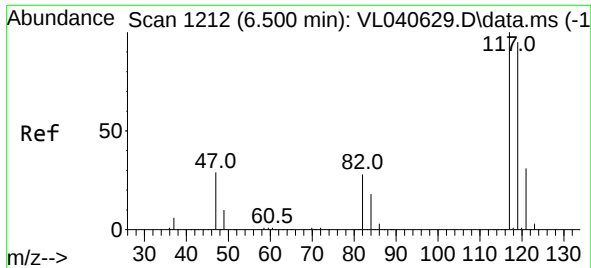
Tgt Ion: 43 Resp: 1372884

Ion Ratio Lower Upper

43 100

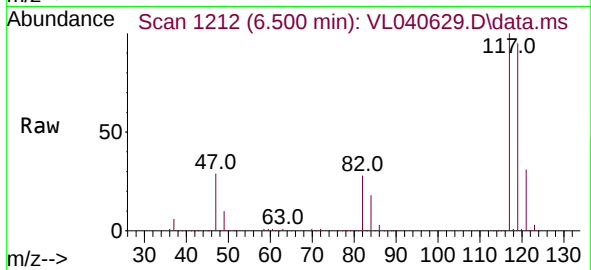
72 23.8 19.2 28.8



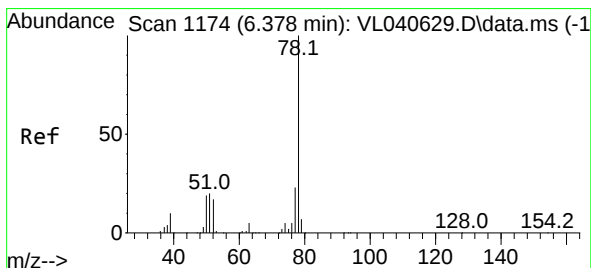
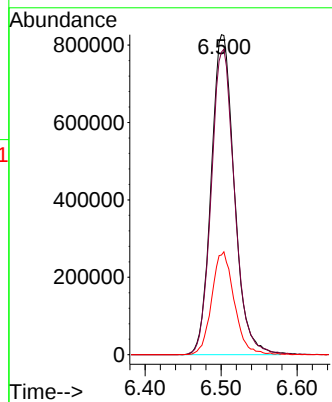
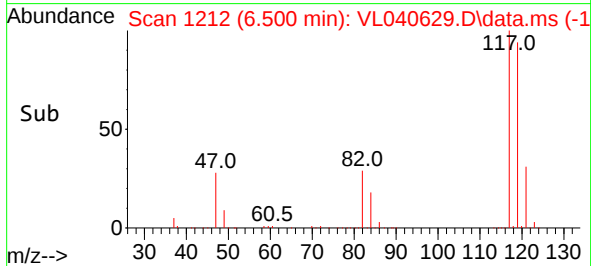


#35
Carbon Tetrachloride
Concen: 9.758 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :

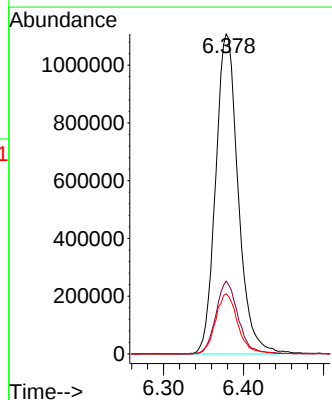
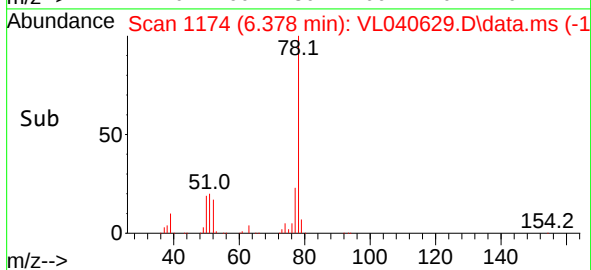
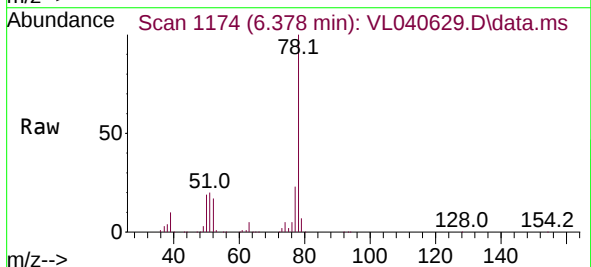


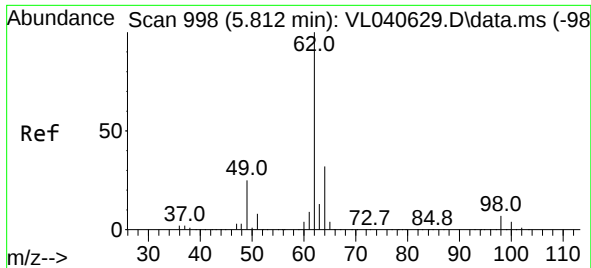
Tgt Ion:117 Resp: 1745980
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
121 31.1 24.9 37.3



#36
Benzene
Concen: 9.515 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 78 Resp: 2160403
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
50 18.8 15.0 22.6

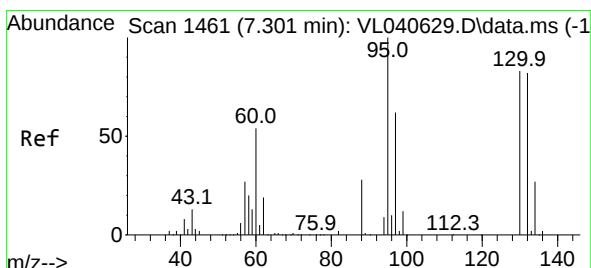
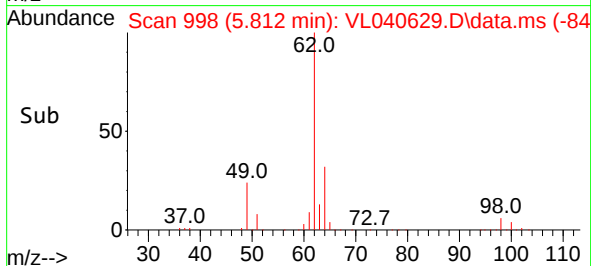
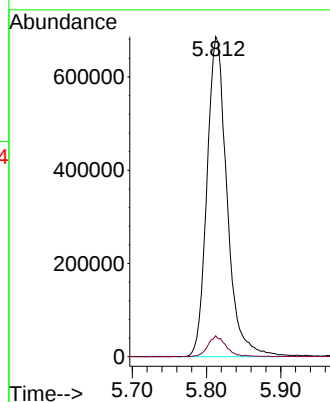
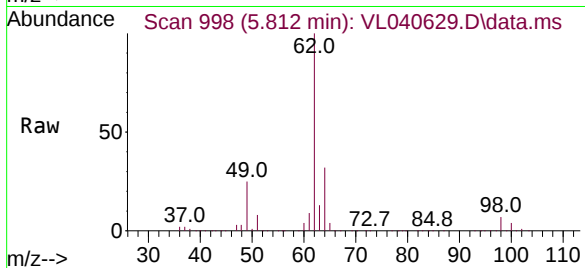




#37
1,2-Dichloroethane
Concen: 9.395 ppbv
RT: 5.812 min Scan# 998
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

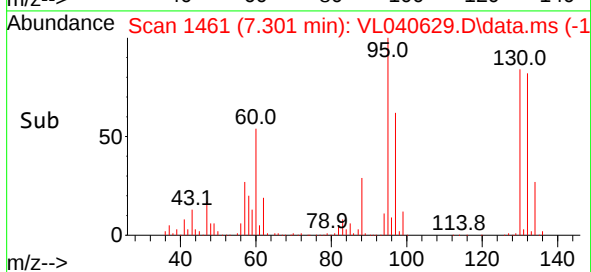
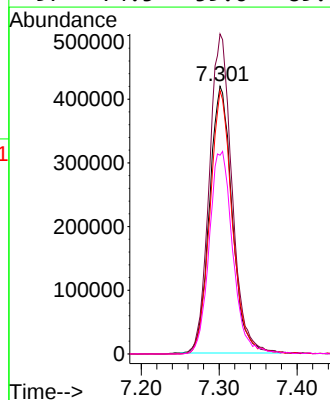
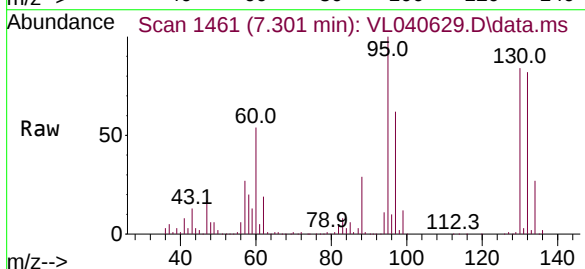
Instrument :
MSVOA_L
ClientSampleId :

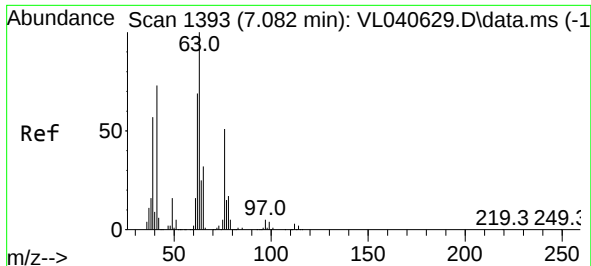
Tgt Ion: 62 Resp: 1286465
Ion Ratio Lower Upper
62 100
98 6.1 4.9 7.3



#38
Trichloroethene
Concen: 9.605 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion:130 Resp: 847977
Ion Ratio Lower Upper
130 100
95 119.9 95.9 143.9
132 98.7 79.0 118.4
97 74.5 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.462 ppbv

RT: 7.082 min Scan# 1393

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

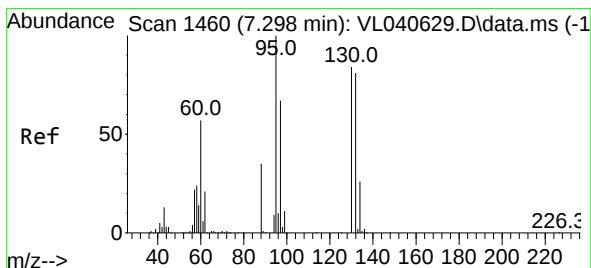
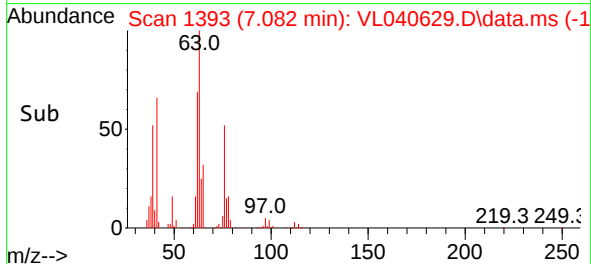
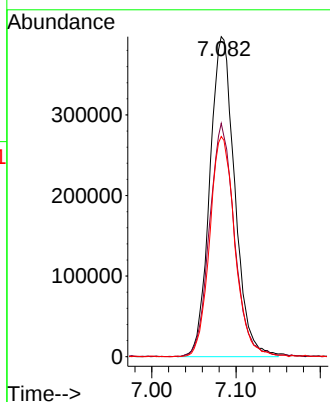
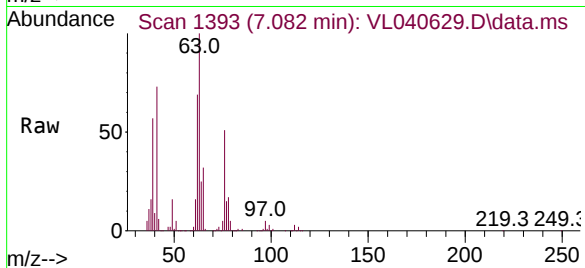
Tgt Ion: 63 Resp: 817291

Ion Ratio Lower Upper

63 100

41 72.7 58.2 87.2

62 68.7 55.0 82.4



#40

1,4-Dioxane

Concen: 10.938 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Tgt Ion: 88 Resp: 354720

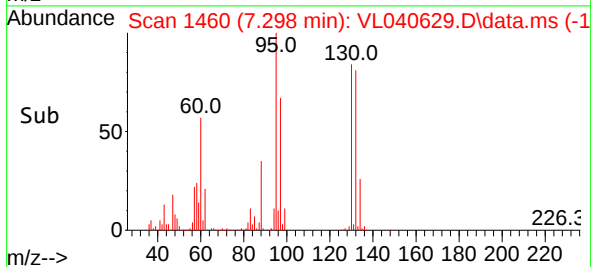
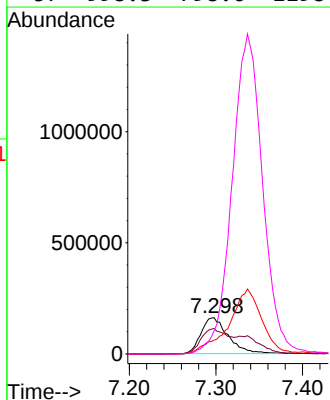
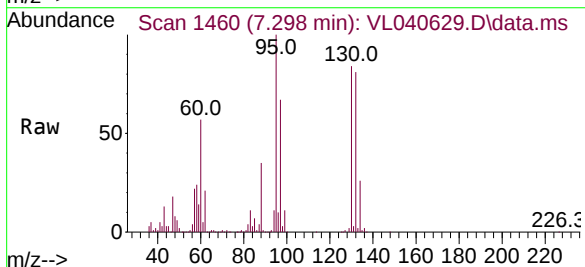
Ion Ratio Lower Upper

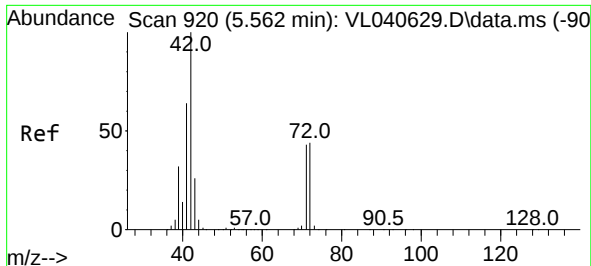
88 100

58 115.9 92.8 139.2

43 220.0 179.1 268.7

57 998.3 798.6 1198.0





#41

Tetrahydrofuran

Concen: 9.861 ppbv

RT: 5.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

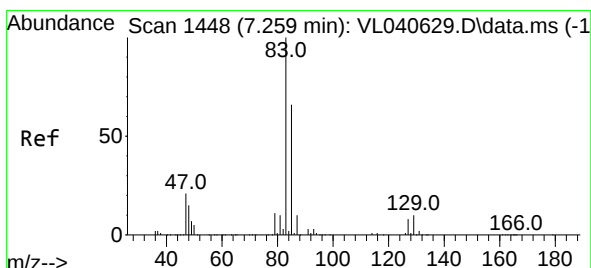
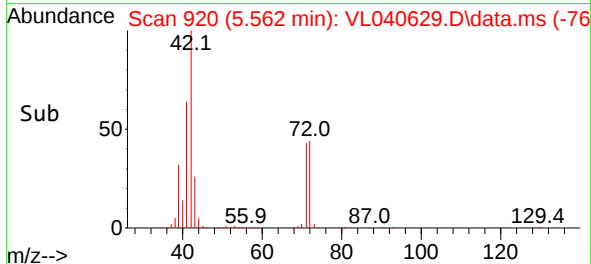
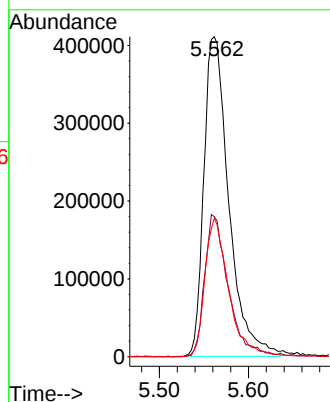
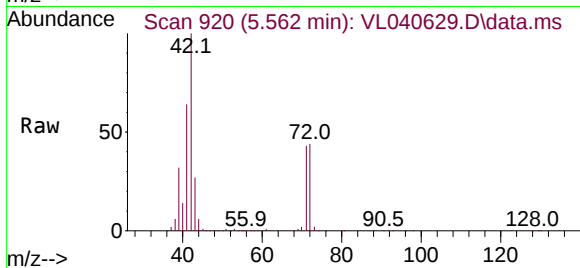
Tgt Ion: 42 Resp: 798617

Ion Ratio Lower Upper

42 100

72 42.7 34.2 51.4

71 41.6 33.4 50.0



#42

Bromodichloromethane

Concen: 9.772 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

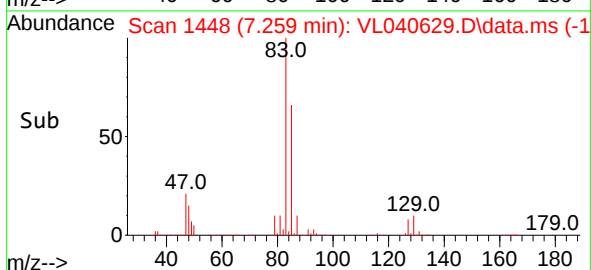
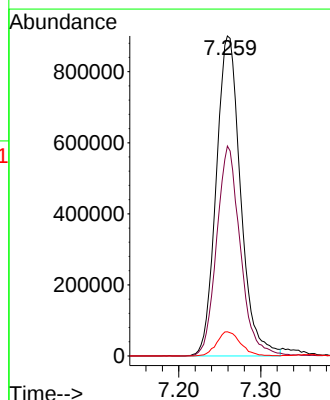
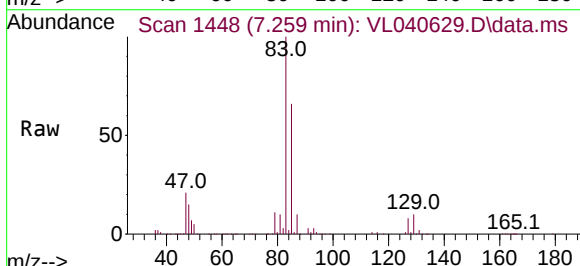
Tgt Ion: 83 Resp: 1862584

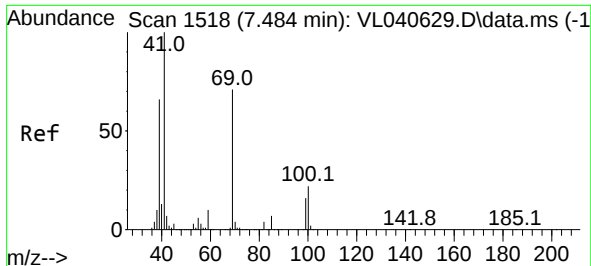
Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7

127 7.6 6.1 9.1

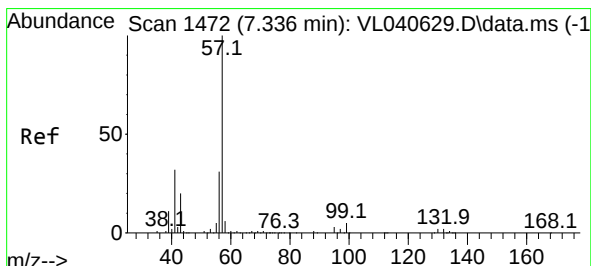
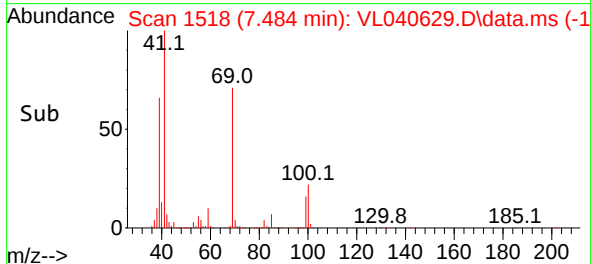
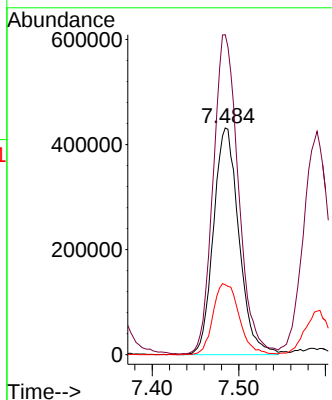
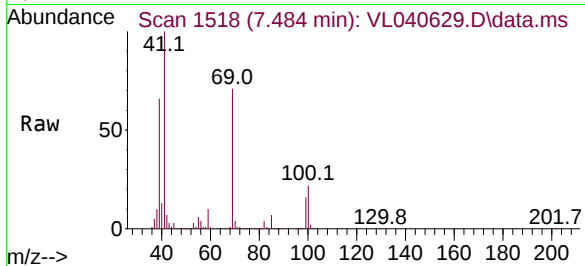




#43
Methyl Methacrylate
Concen: 10.368 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

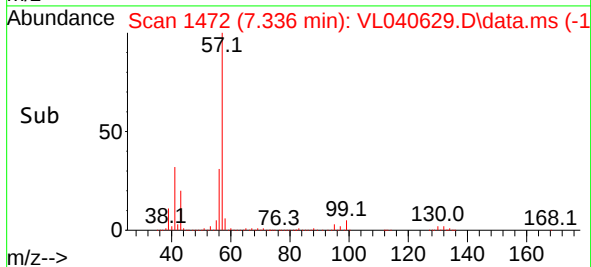
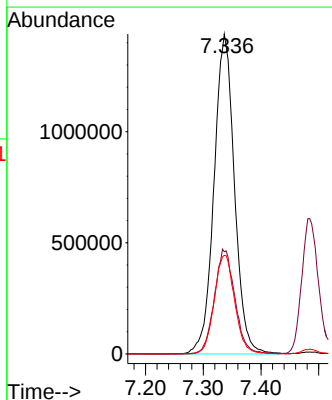
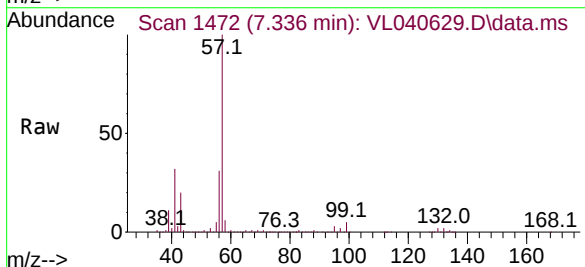
Instrument :
MSVOA_L
ClientSampleId :

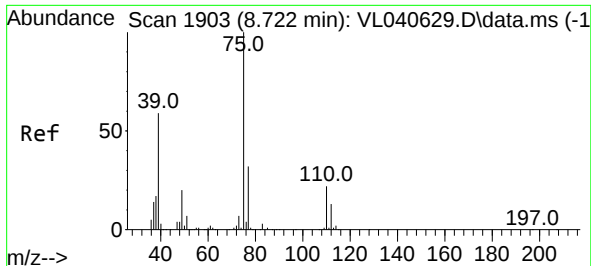
Tgt Ion: 69 Resp: 880987
Ion Ratio Lower Upper
69 100
41 140.0 111.8 167.8
100 32.2 25.8 38.6



#44
2,2,4-Trimethylpentane
Concen: 9.642 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 57 Resp: 3538517
Ion Ratio Lower Upper
57 100
41 32.7 26.2 39.4
56 30.9 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 11.438 ppbv

RT: 8.722 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

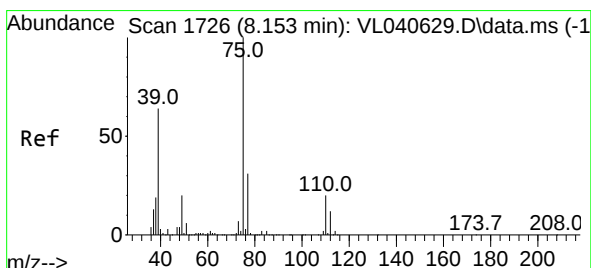
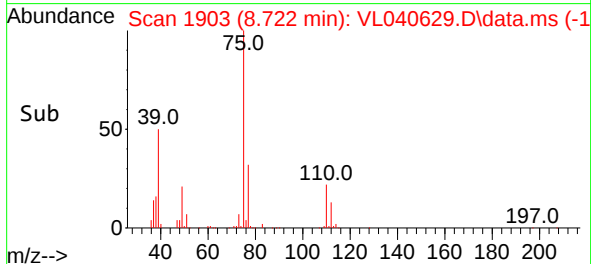
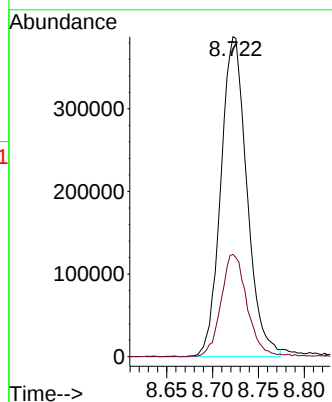
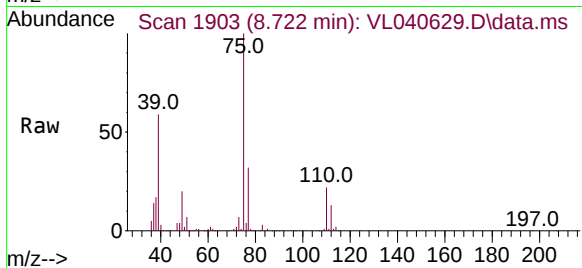
ClientSampleId :

Tgt Ion: 75 Resp: 766395

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 10.939 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

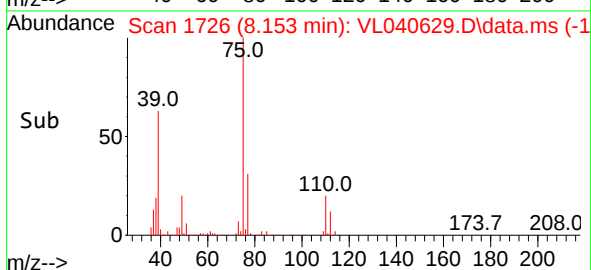
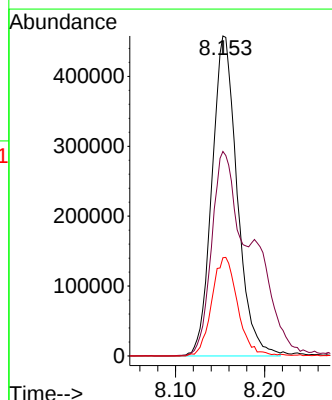
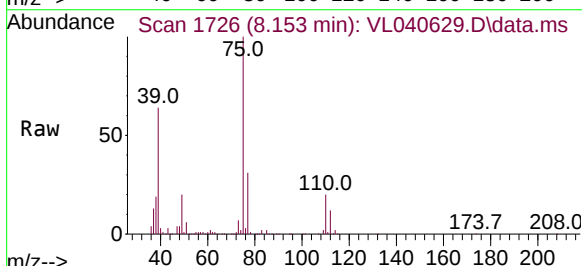
Tgt Ion: 75 Resp: 902979

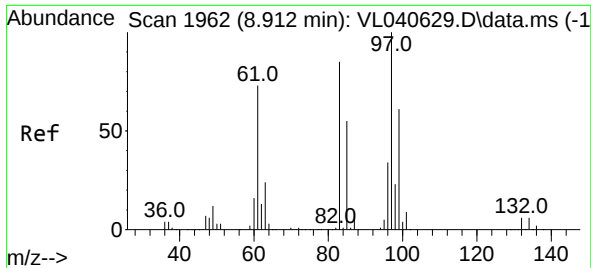
Ion Ratio Lower Upper

75 100

39 63.7 51.0 76.4

77 30.7 24.6 36.8



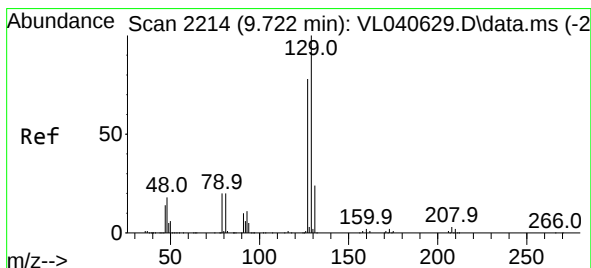
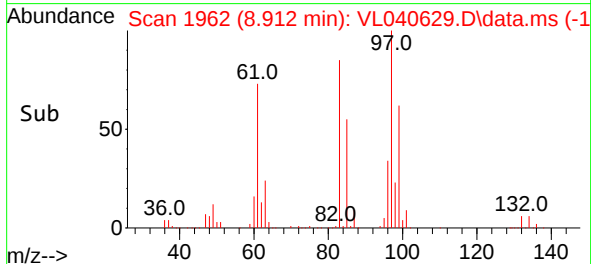
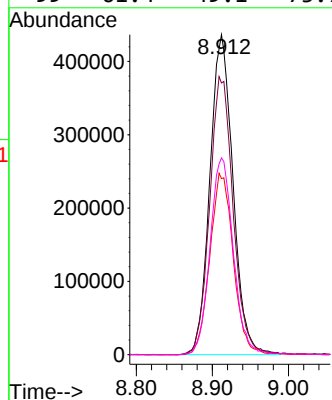
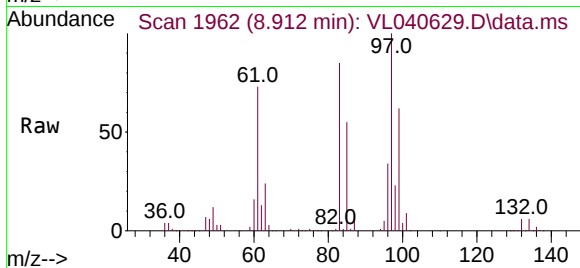


#47
 1,1,2-Trichloroethane
 Concen: 9.444 ppbv
 RT: 8.912 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 97 Resp: 922017

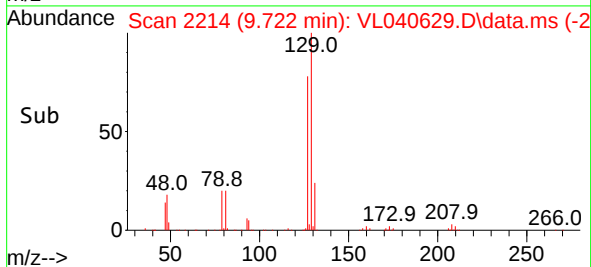
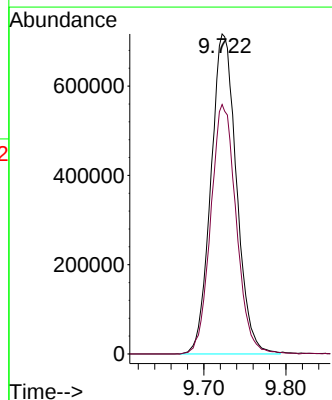
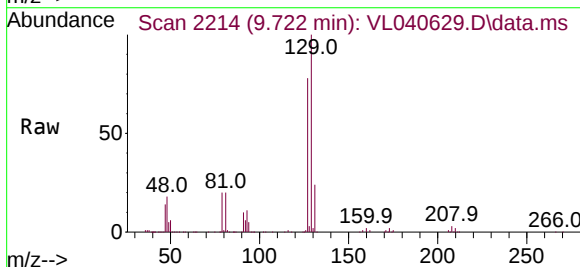
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	55.0	44.0	66.0
99	61.4	49.1	73.7

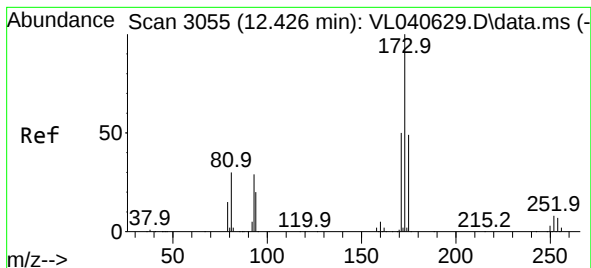


#48
 Dibromochloromethane
 Concen: 10.164 ppbv
 RT: 9.722 min Scan# 2214
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Tgt Ion: 129 Resp: 1553068

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.9	116.7





#49

Bromoform

Concen: 10.500 ppbv

RT: 12.426 min Scan# 3055

Delta R.T. 0.000 min

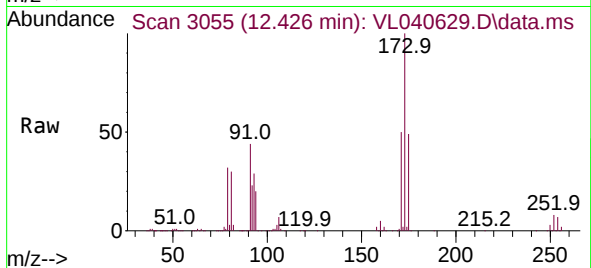
Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :



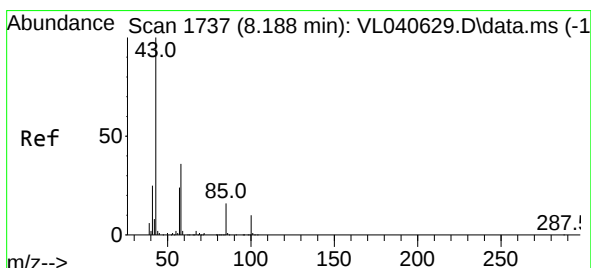
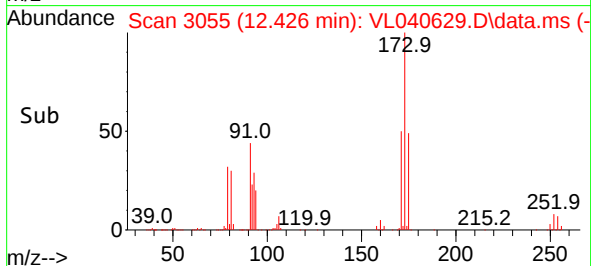
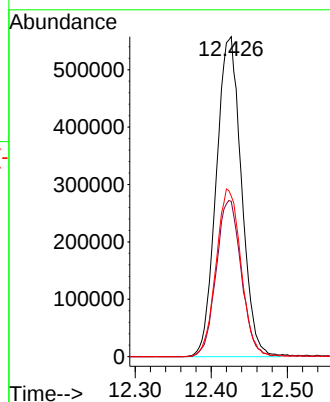
Tgt Ion:173 Resp: 1281811

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

171 52.4 41.9 62.9



#50

4-Methyl-2-Pentanone

Concen: 9.970 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VL040629.D

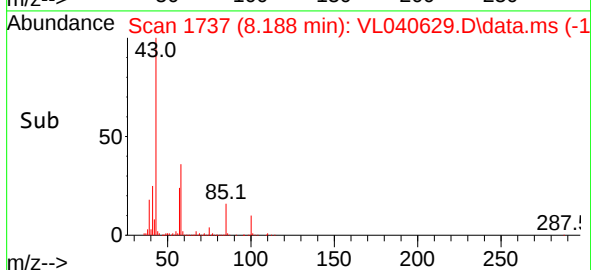
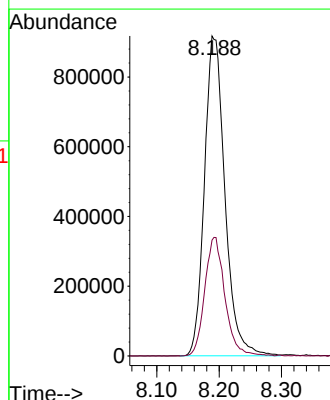
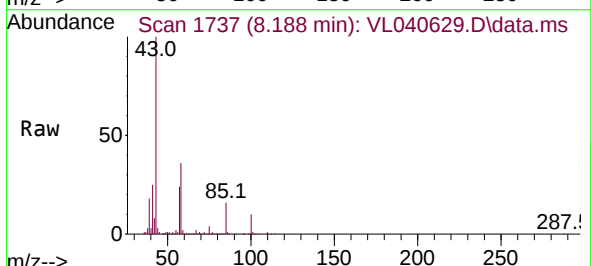
Acq: 15 Aug 2023 10:16

Tgt Ion: 43 Resp: 2099487

Ion Ratio Lower Upper

43 100

58 36.5 29.2 43.8

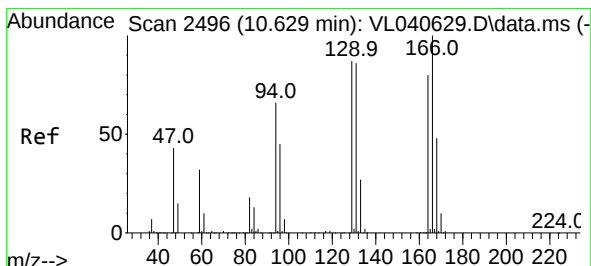
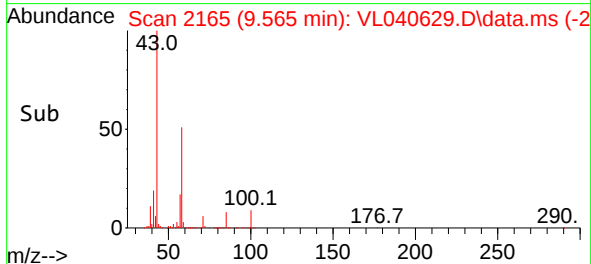
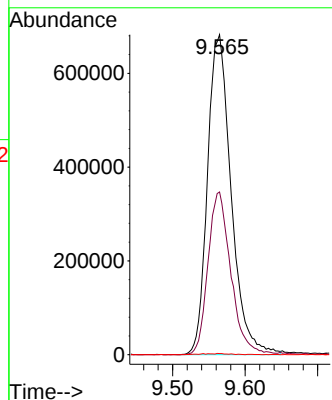
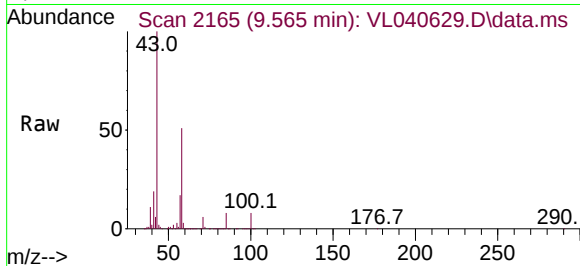




#51
2-Hexanone
Concen: 10.500 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

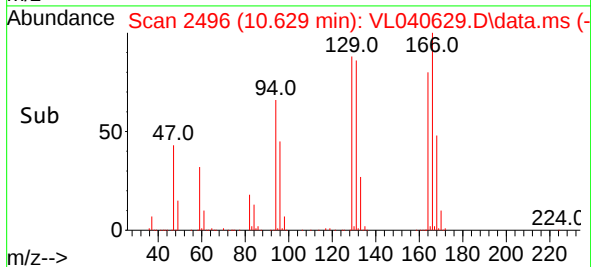
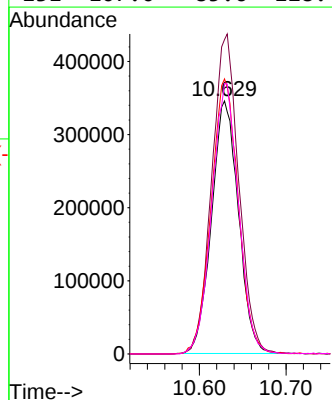
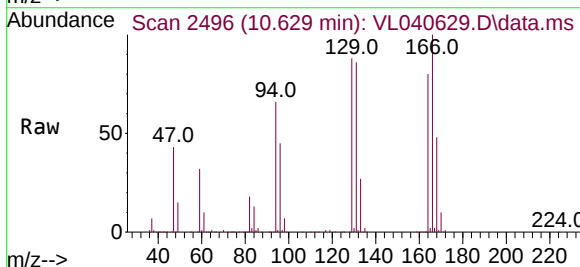
Instrument :
MSVOA_L
ClientSampleId :

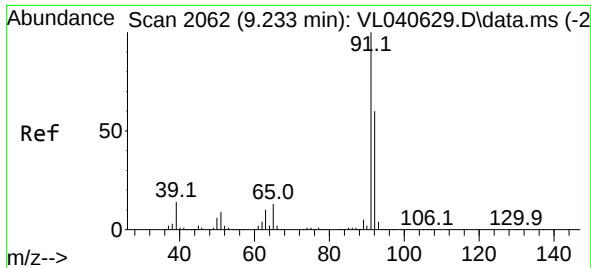
Tgt Ion: 43 Resp: 1550288
Ion Ratio Lower Upper
43 100
58 49.5 39.4 59.2
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 10.463 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion:164 Resp: 743889
Ion Ratio Lower Upper
164 100
166 124.4 99.5 149.3
129 108.6 86.9 130.3
131 107.0 85.6 128.4

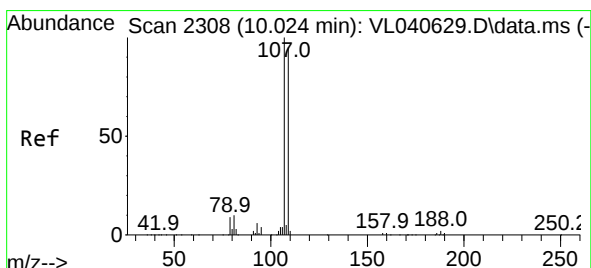
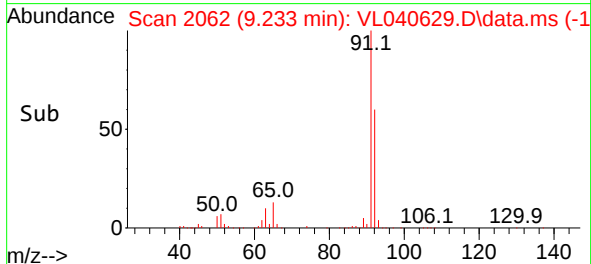
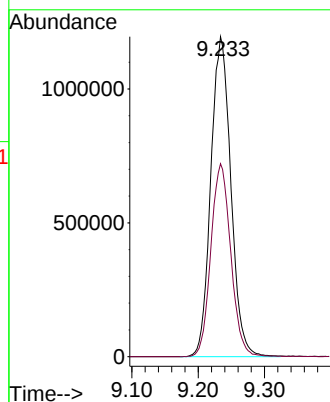
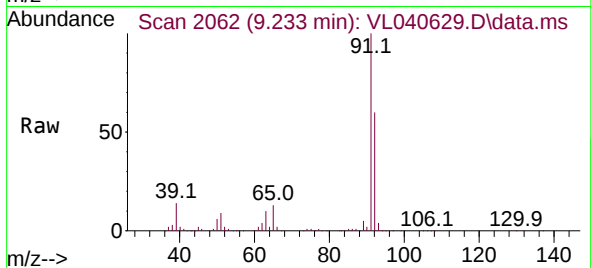




#53
Toluene
Concen: 10.395 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

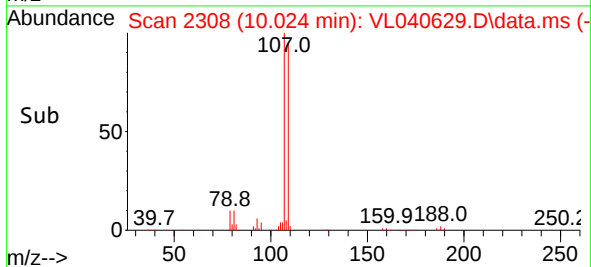
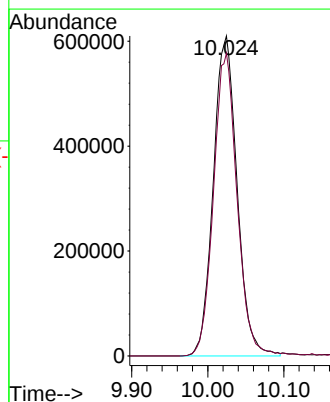
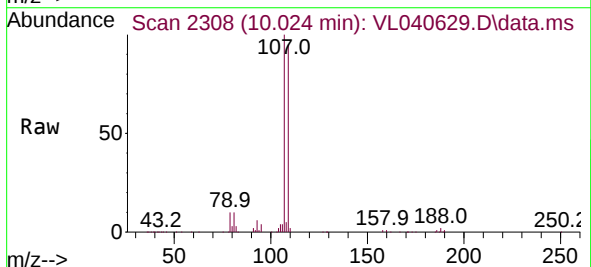
Instrument :
MSVOA_L
ClientSampleId :

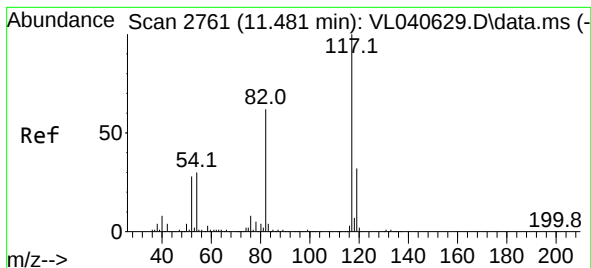
Tgt Ion: 91 Resp: 2508019
Ion Ratio Lower Upper
91 100
92 60.0 48.0 72.0



#54
1,2-Dibromoethane
Concen: 11.309 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 107 Resp: 1325120
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

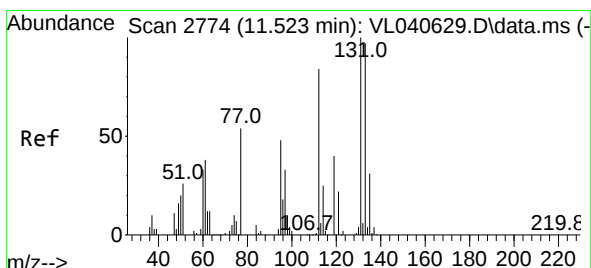
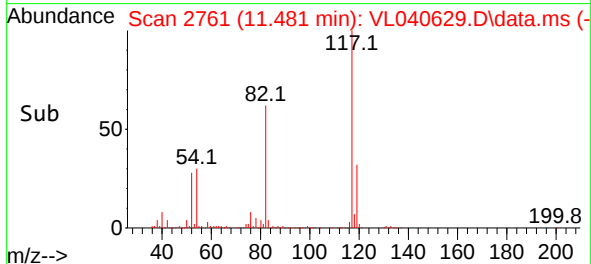
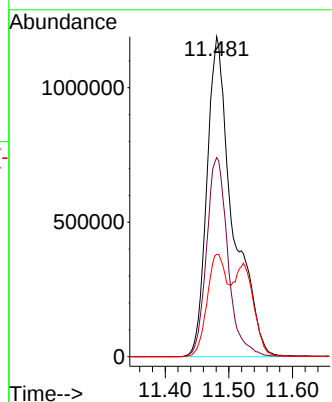
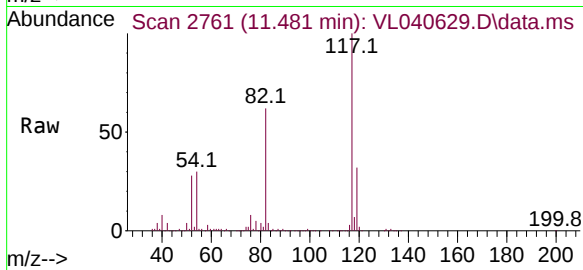




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

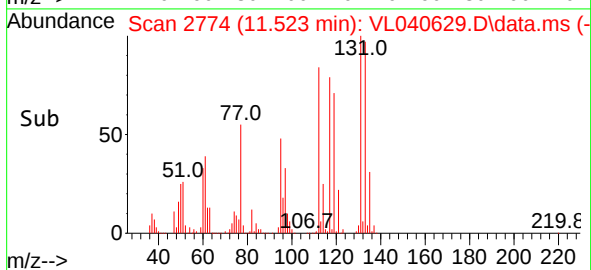
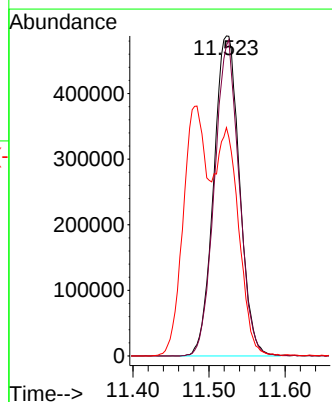
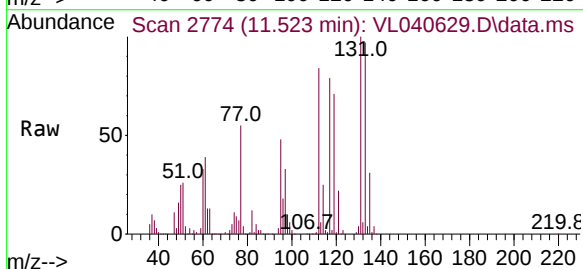
Instrument :
MSVOA_L
ClientSampleId :

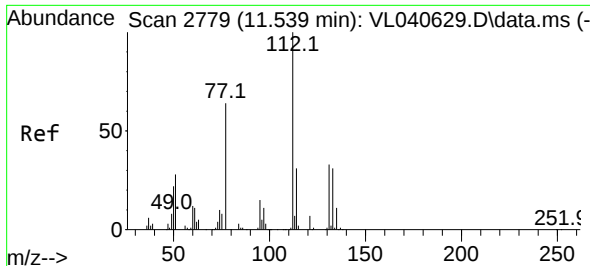
Tgt Ion:117 Resp: 3358978
Ion Ratio Lower Upper
117 100
82 51.8 49.5 74.3
119 25.6 24.5 36.7



#56
1,1,1,2-Tetrachloroethane
Concen: 7.390 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion:131 Resp: 1149522
Ion Ratio Lower Upper
131 100
133 94.2 75.4 113.0
119 72.8 51.0 76.6

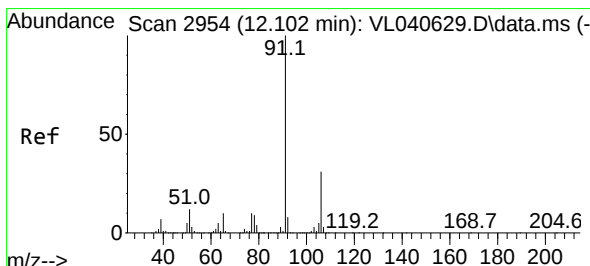
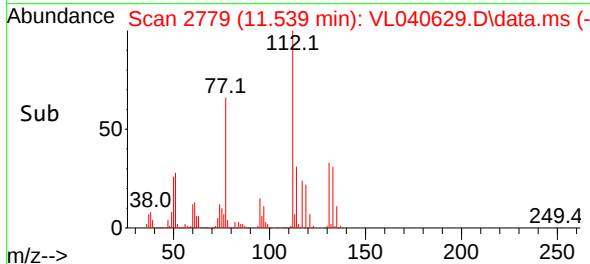
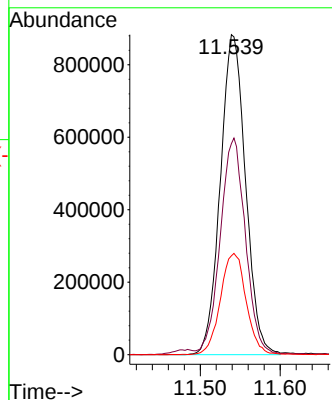
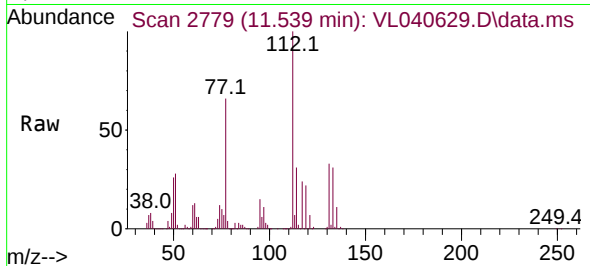




#57
Chlorobenzene
Concen: 7.455 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

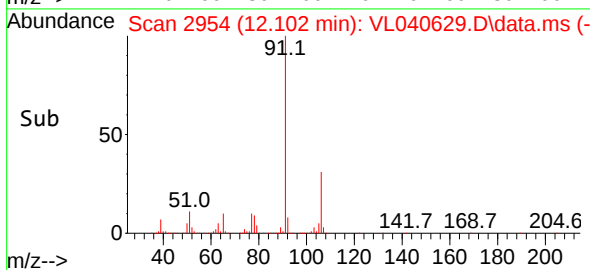
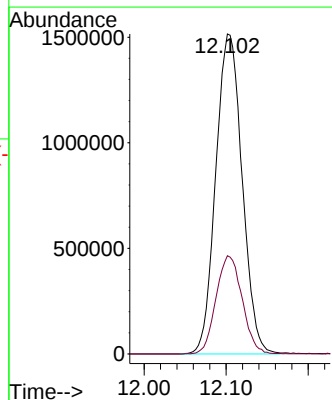
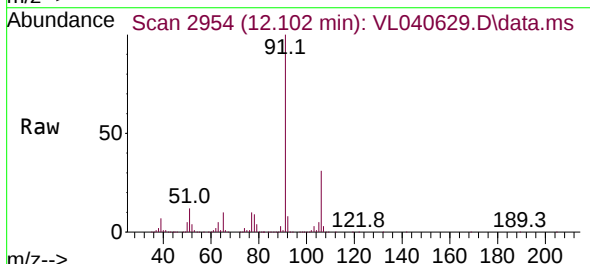
Instrument :
MSVOA_L
ClientSampleId :

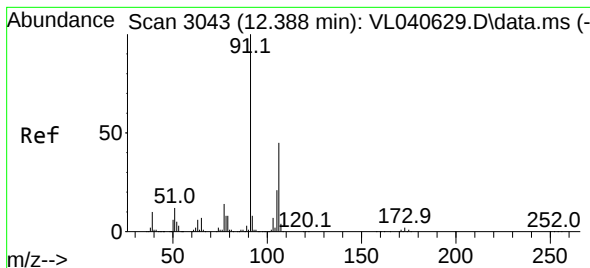
Tgt Ion:112 Resp: 1932684
Ion Ratio Lower Upper
112 100
77 65.6 52.5 78.7
114 30.9 27.8 34.0



#58
Ethyl Benzene
Concen: 8.365 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 91 Resp: 3388239
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

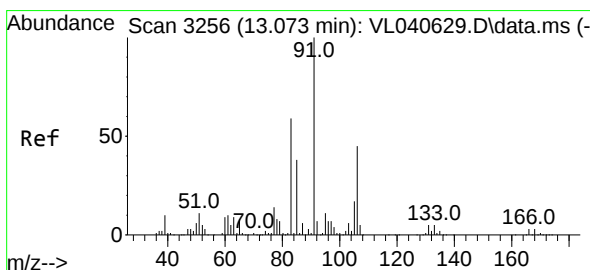
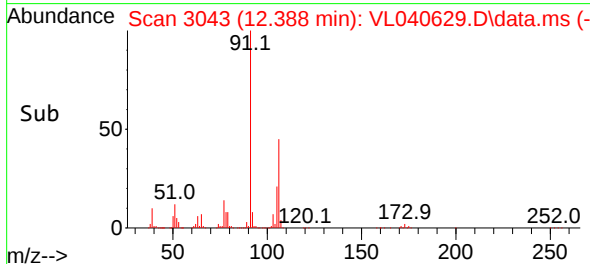
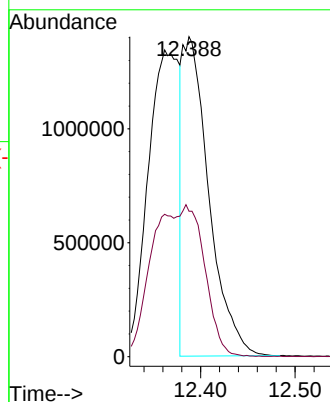
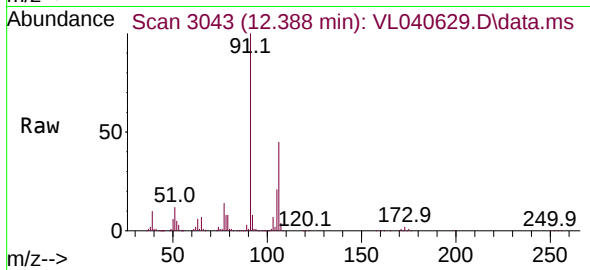




#59
m/p-Xylene
Concen: 7.359 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

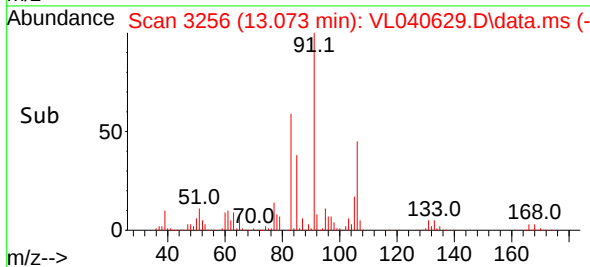
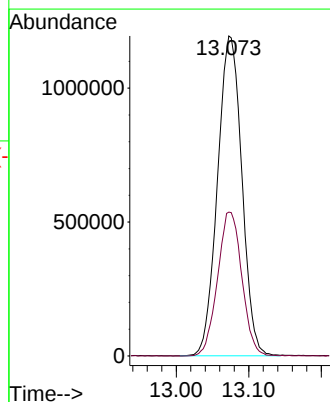
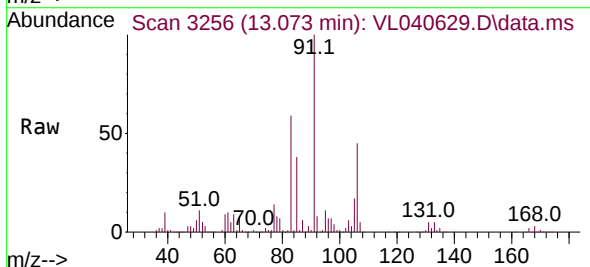
Instrument :
MSVOA_L
ClientSampleId :

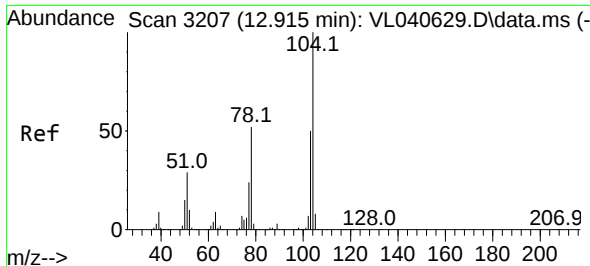
Tgt Ion: 91 Resp: 2716337
Ion Ratio Lower Upper
91 100
106 94.2 35.3 52.9#



#60
o-Xylene
Concen: 7.948 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 91 Resp: 2783399
Ion Ratio Lower Upper
91 100
106 44.9 22.5 67.5

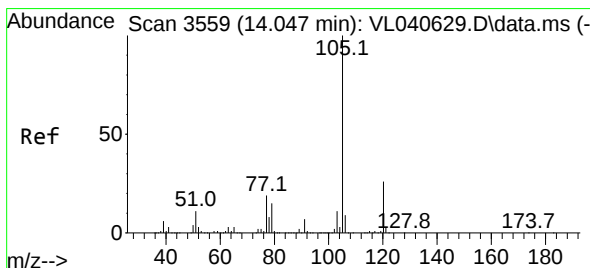
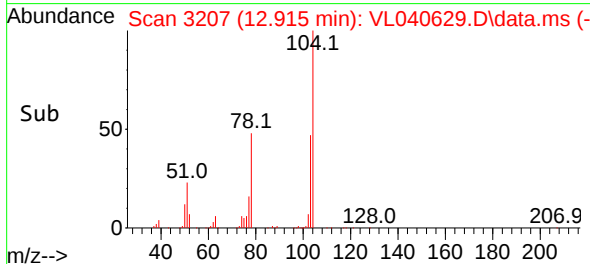
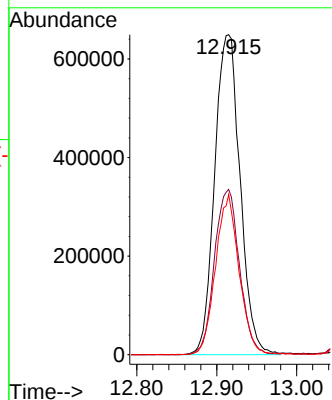
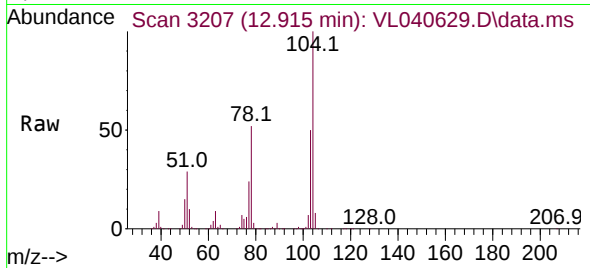




#61
Styrene
Concen: 9.335 ppbv
RT: 12.915 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

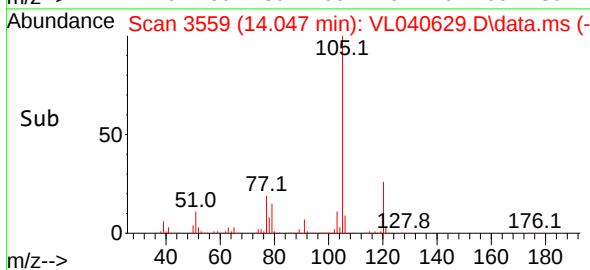
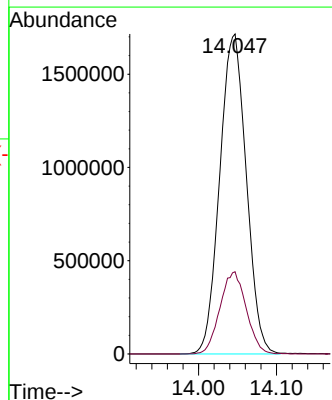
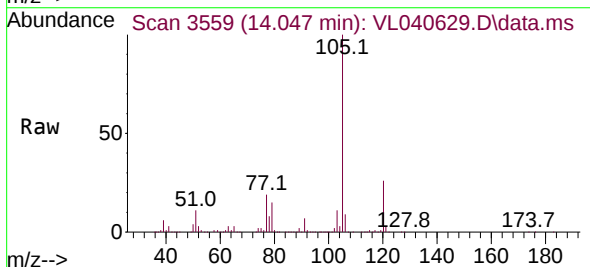
Instrument :
MSVOA_L
ClientSampleId :

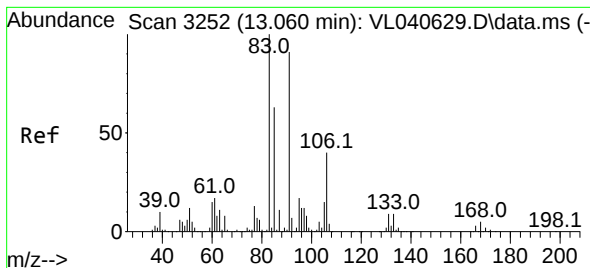
Tgt Ion:104 Resp: 1432191
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 46.6 37.3 55.9



#62
Isopropylbenzene
Concen: 7.654 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion:105 Resp: 4055858
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5

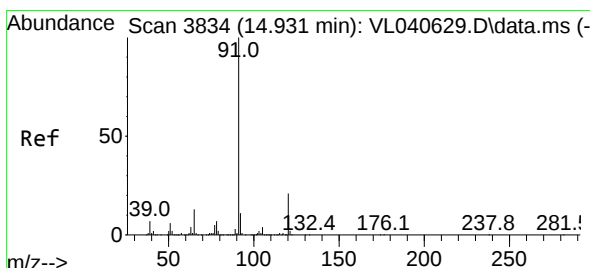
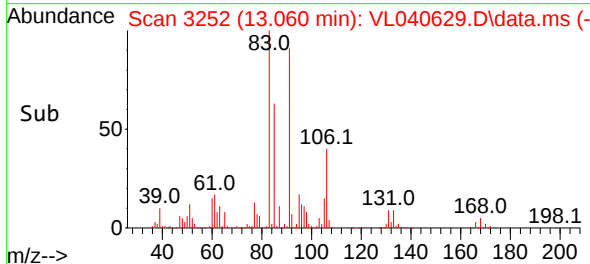
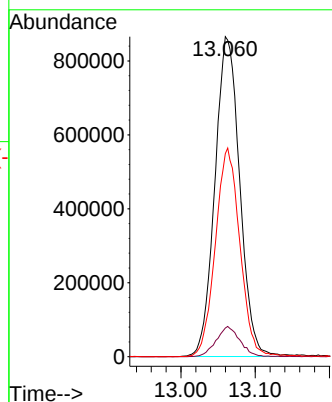
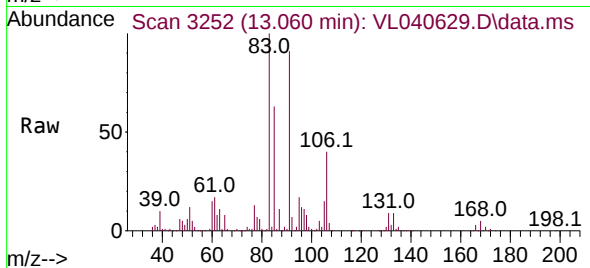




#63
1,1,2,2-Tetrachloroethane
Concen: 7.569 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

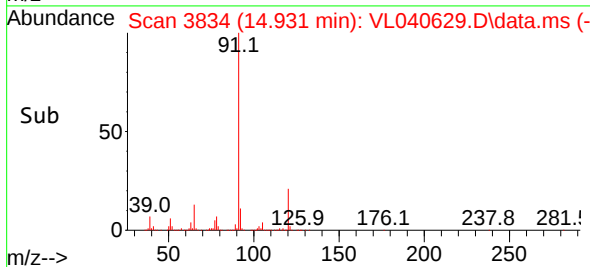
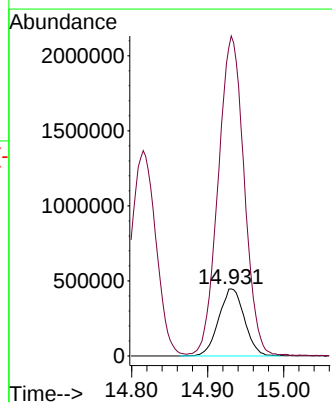
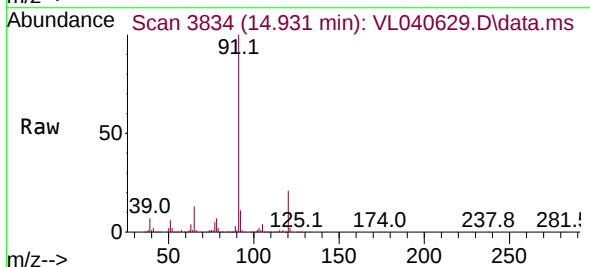
Instrument :
MSVOA_L
ClientSampleId :

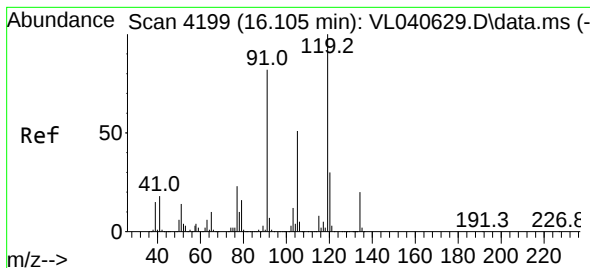
Tgt Ion: 83 Resp: 2008987
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 64.9 32.4 97.2



#64
n-propylbenzene
Concen: 7.832 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 120 Resp: 1049258
Ion Ratio Lower Upper
120 100
91 482.8 387.8 581.8

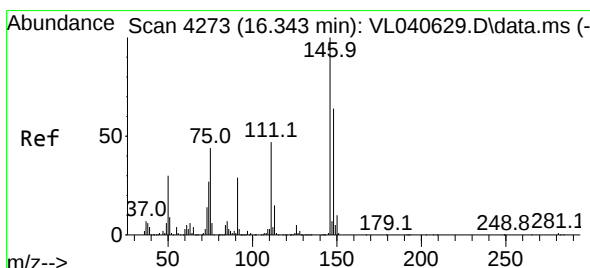
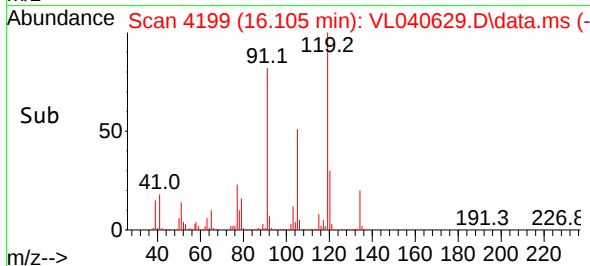
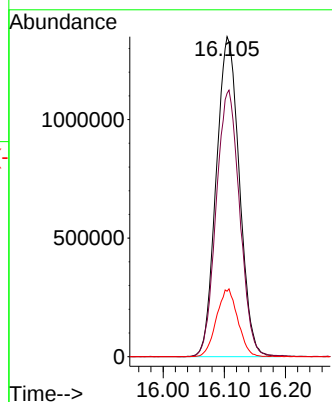
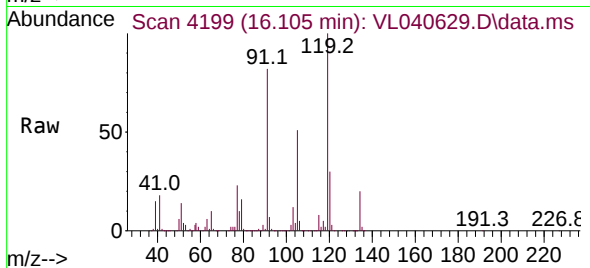




#65
tert-Butylbenzene
Concen: 7.719 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

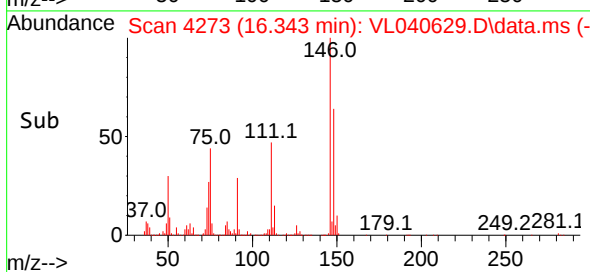
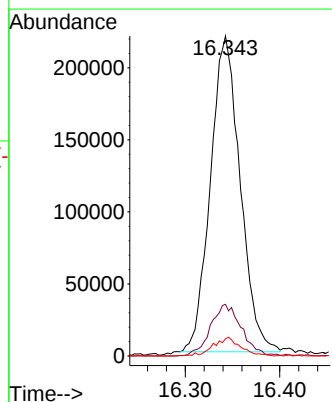
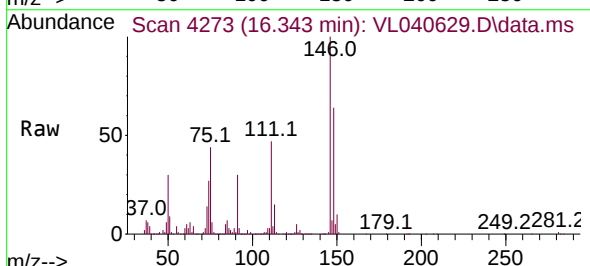
Instrument :
MSVOA_L
ClientSampleId :

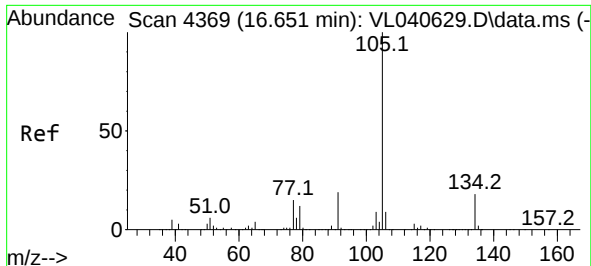
Tgt Ion:119 Resp: 3545642
Ion Ratio Lower Upper
119 100
91 84.7 67.8 101.6
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 8.368 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 91 Resp: 479773
Ion Ratio Lower Upper
91 100
126 17.0 13.6 20.4
128 5.4 4.3 6.5

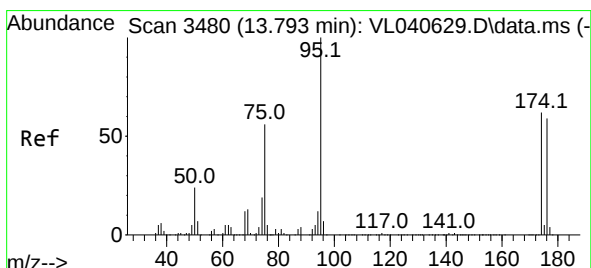
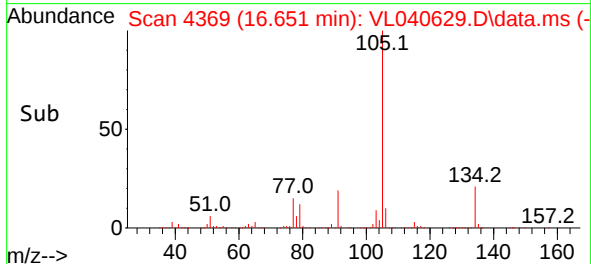
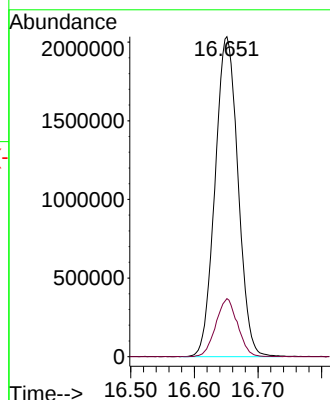
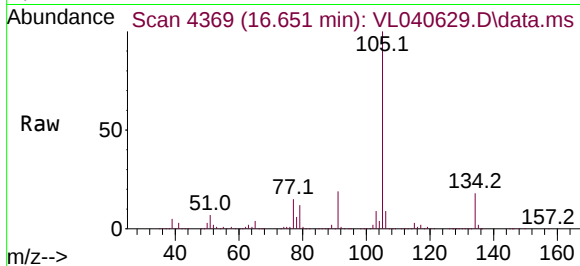




#67
 sec-Butylbenzene
 Concen: 7.604 ppbv
 RT: 16.651 min Scan# 4369
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

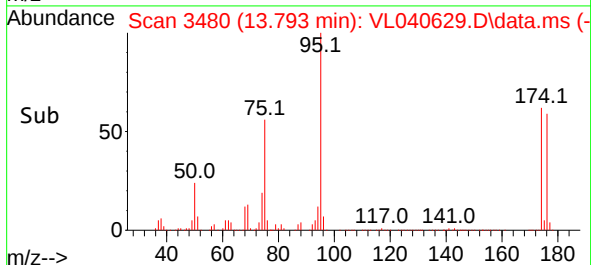
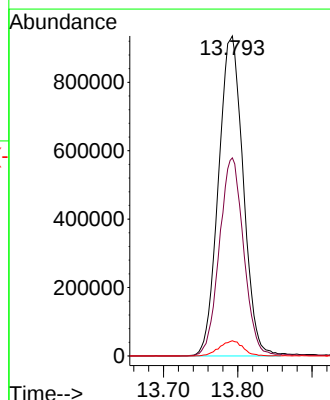
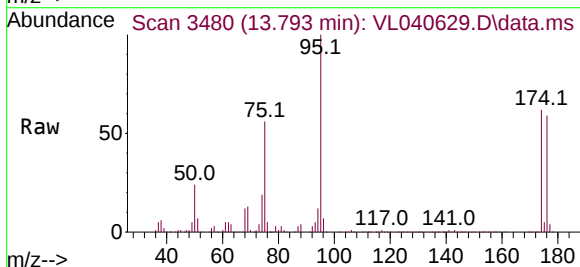
Instrument :
 MSVOA_L
 ClientSampleId :

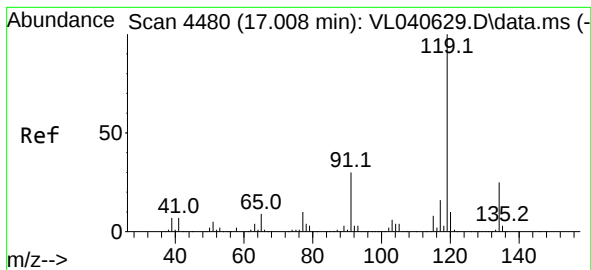
Tgt Ion:105 Resp: 5096000
 Ion Ratio Lower Upper
 105 100
 134 17.3 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.093 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Tgt Ion: 95 Resp: 2161864
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.1 73.7
 175 4.6 3.7 5.5



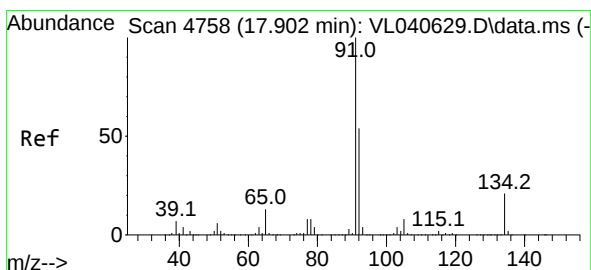
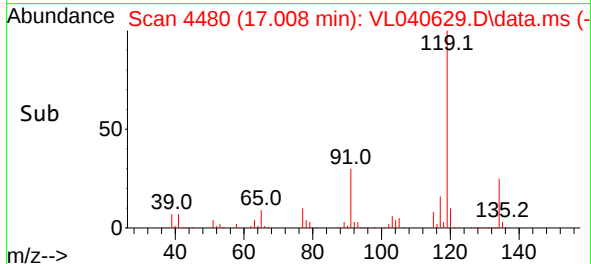
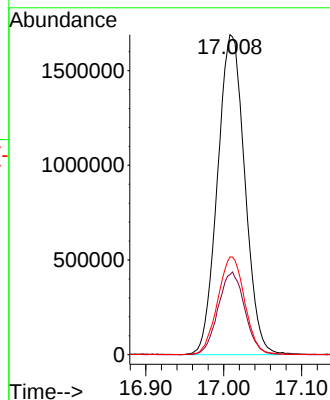
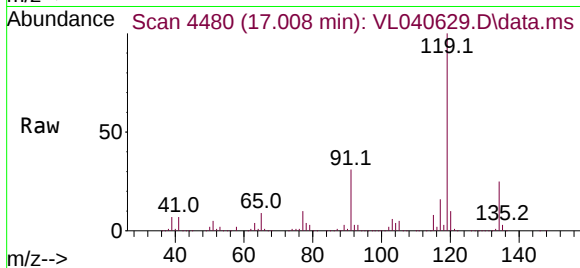


#69
p-Isopropyltoluene
Concen: 7.836 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 4109457

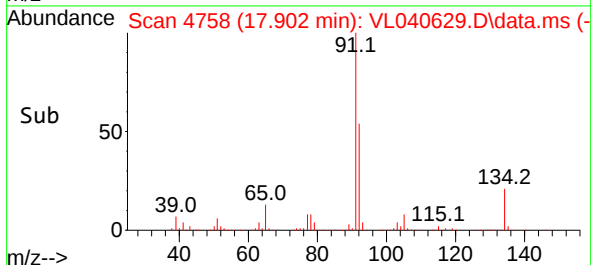
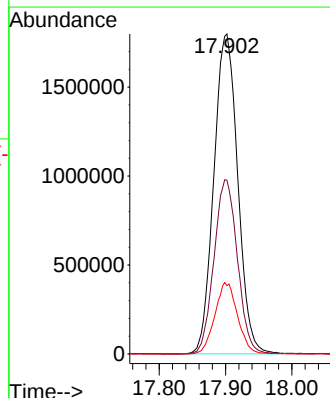
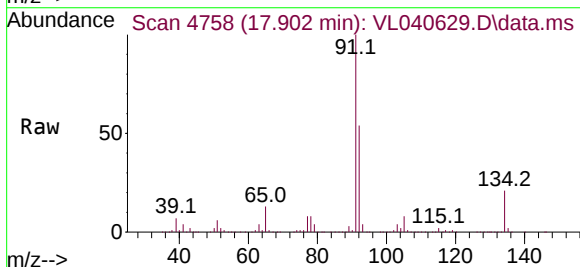
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	30.3	24.2	36.4

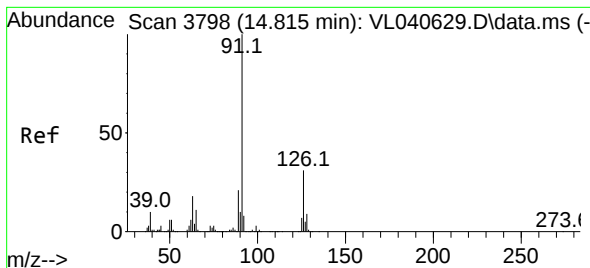


#70
n-Butylbenzene
Concen: 7.858 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 91 Resp: 4498648

Ion	Ratio	Lower	Upper
91	100		
92	53.6	42.9	64.3
134	21.3	17.0	25.6

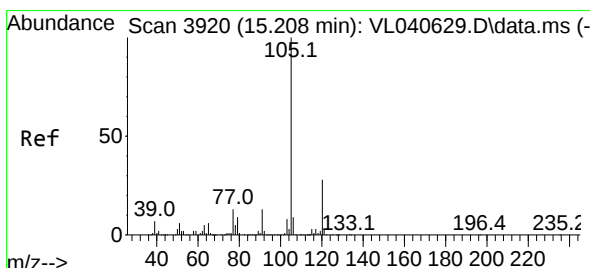
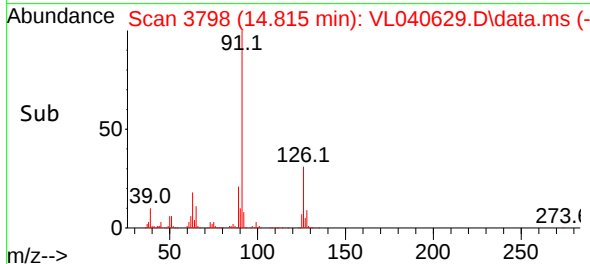
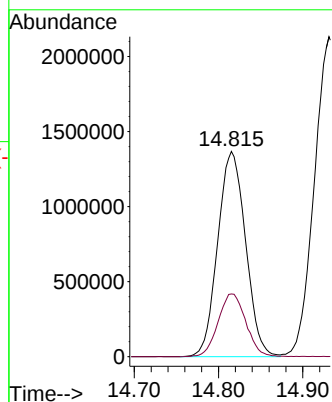
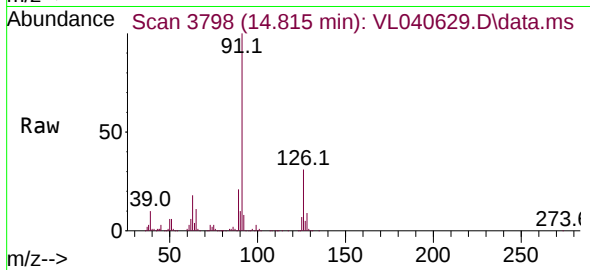




#71
2-Chlorotoluene
Concen: 7.979 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

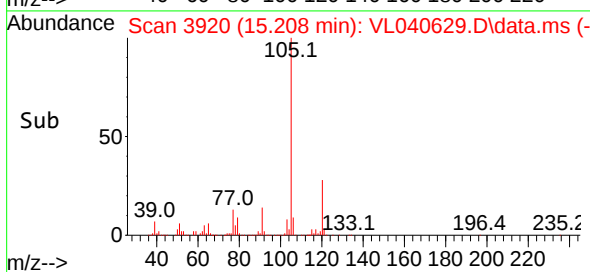
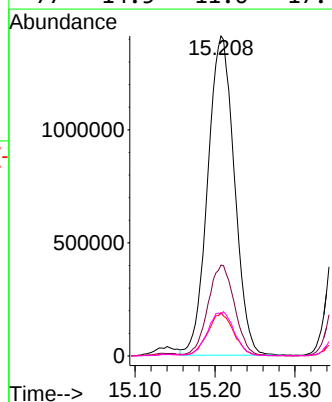
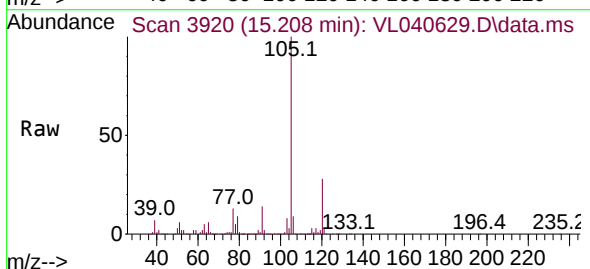
Instrument :
MSVOA_L
ClientSampleId :

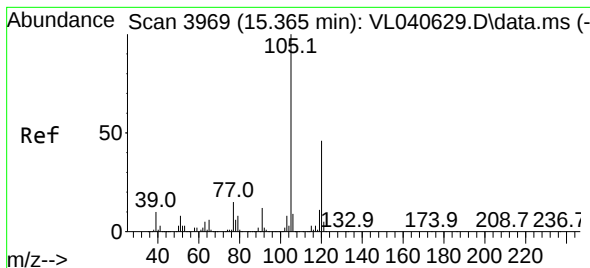
Tgt Ion: 91 Resp: 3137689
Ion Ratio Lower Upper
91 100
126 30.6 12.2 49.0



#72
4-Ethyltoluene
Concen: 8.245 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion:105 Resp: 3259756
Ion Ratio Lower Upper
105 100
120 28.7 23.0 34.6
91 13.8 10.9 16.3
77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 7.879 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

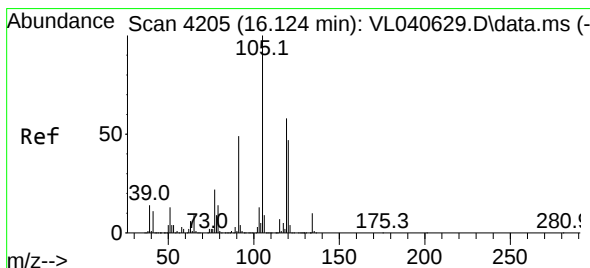
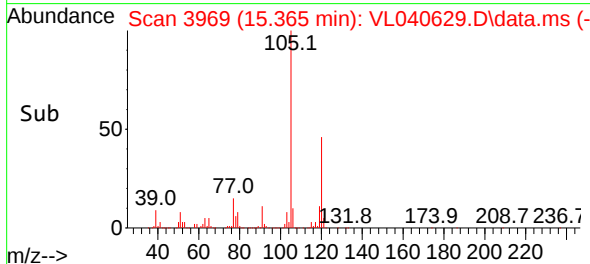
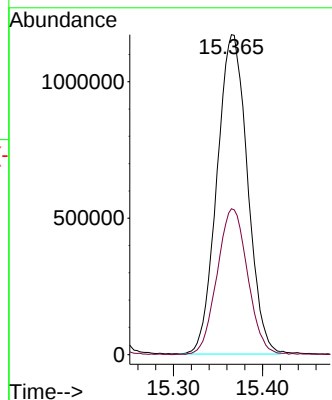
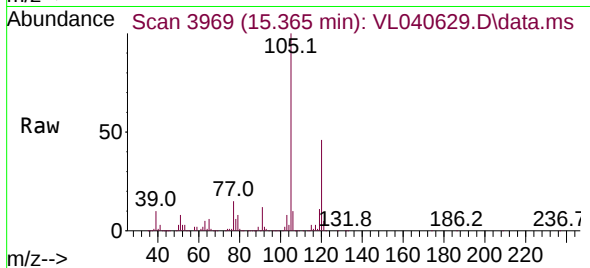
ClientSampleId :

Tgt Ion:105 Resp: 2777938

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7



#74

1,2,4-Trimethylbenzene

Concen: 7.547 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Tgt Ion:105 Resp: 3114887

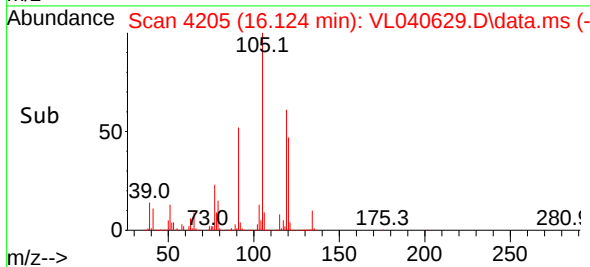
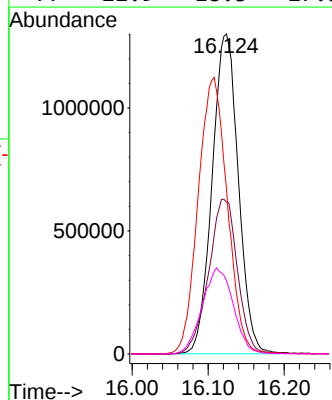
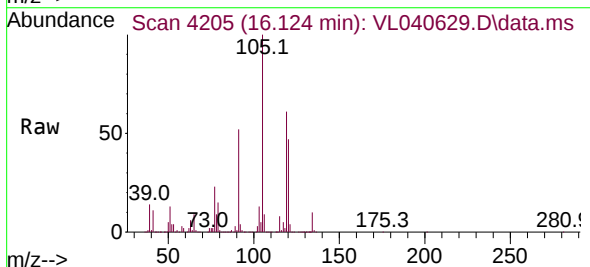
Ion Ratio Lower Upper

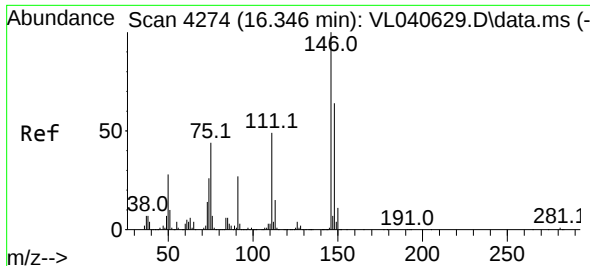
105 100

120 47.1 37.7 56.5

91 51.5 41.2 61.8

77 22.9 18.3 27.5

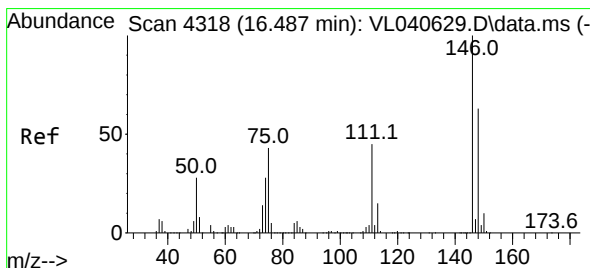
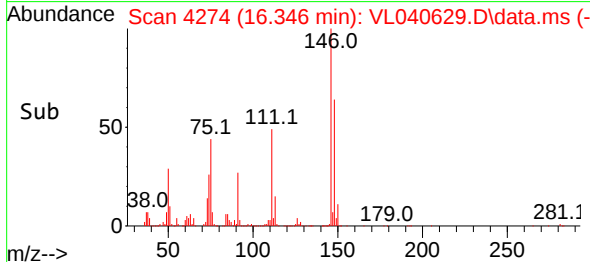
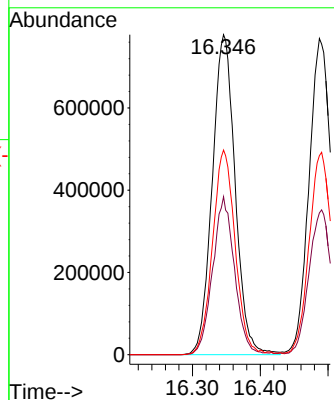
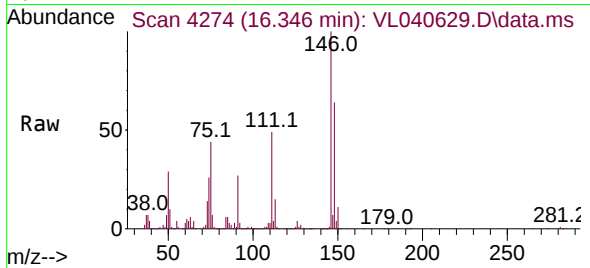




#75
1,3-Dichlorobenzene
Concen: 7.652 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

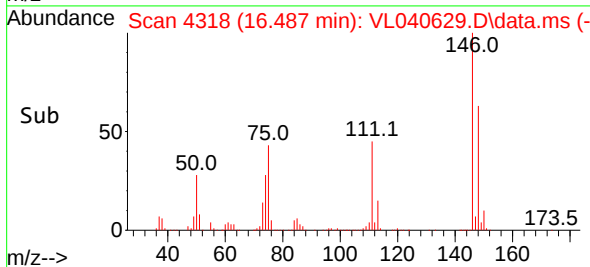
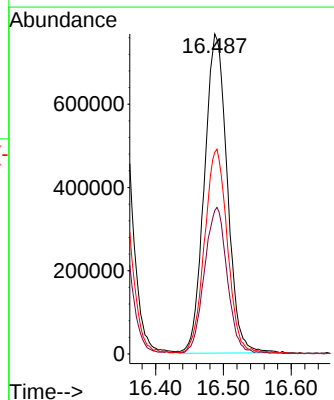
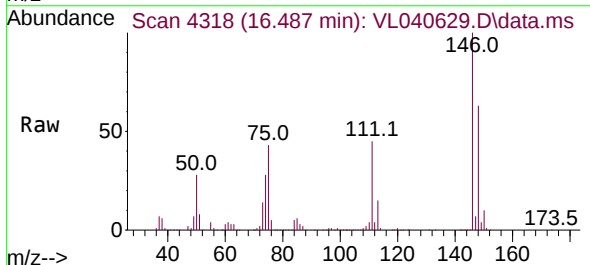
Instrument :
MSVOA_L
ClientSampleId :

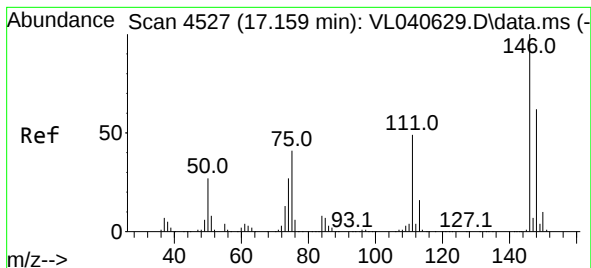
Tgt Ion:146 Resp: 1822799
Ion Ratio Lower Upper
146 100
111 47.3 23.7 71.1
148 63.5 31.7 95.1



#76
1,4-Dichlorobenzene
Concen: 7.519 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion:146 Resp: 1790166
Ion Ratio Lower Upper
146 100
111 46.2 23.2 69.5
148 65.2 32.5 97.5

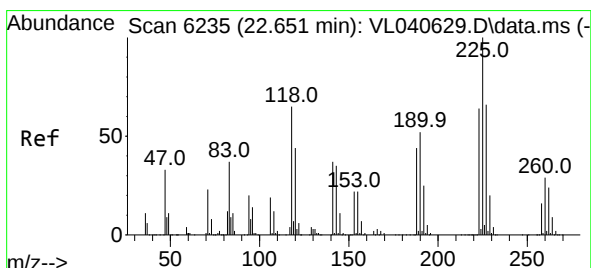
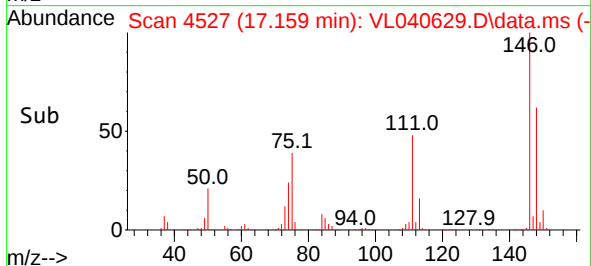
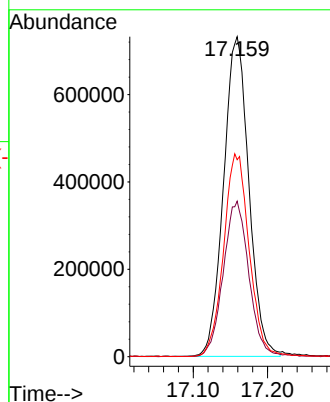
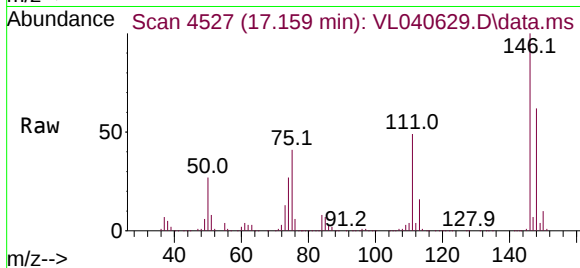




#77
1,2-Dichlorobenzene
Concen: 7.399 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

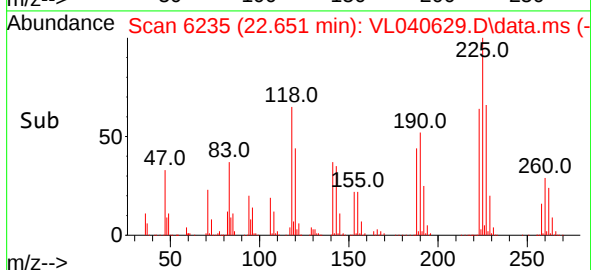
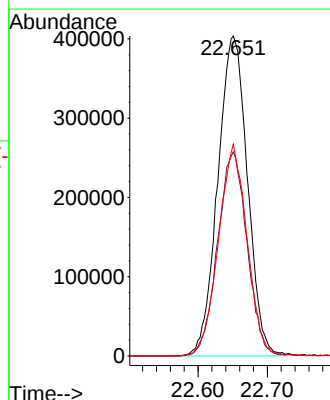
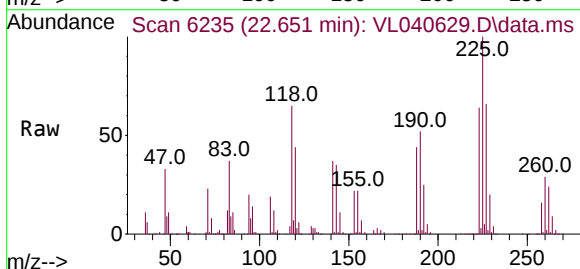
Instrument :
MSVOA_L
ClientSampleId :

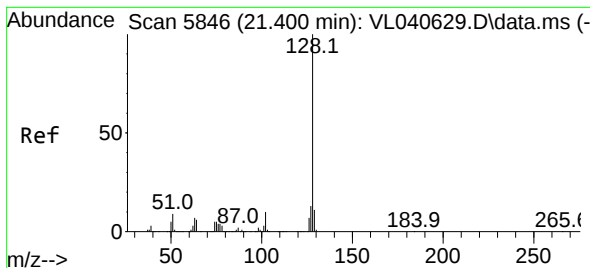
Tgt Ion:146 Resp: 1732680
Ion Ratio Lower Upper
146 100
111 49.3 24.6 74.0
148 64.3 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 6.744 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion:225 Resp: 1200664
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 64.0 51.2 76.8





#79

Naphthalene

Concen: 9.625 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_1

ClientSampleId :

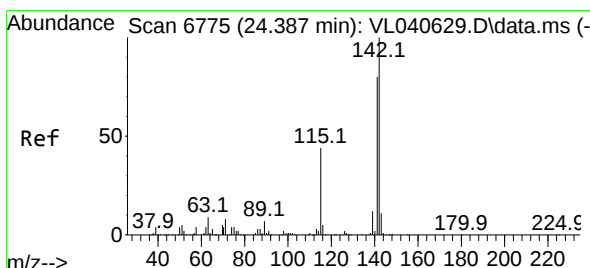
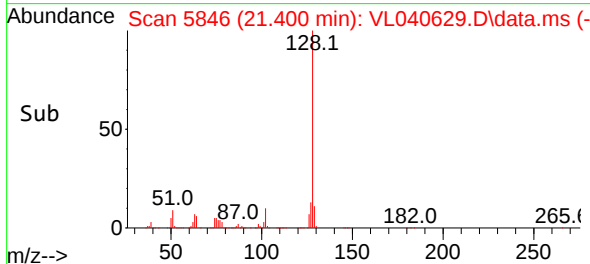
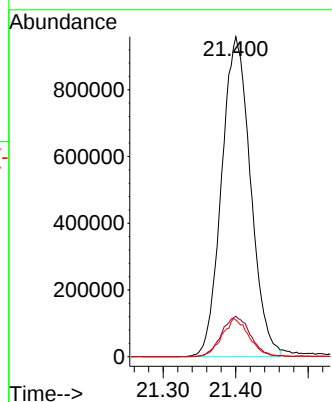
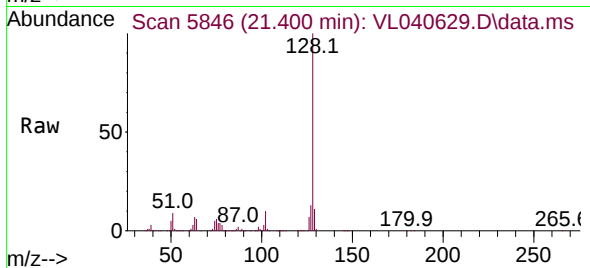
Tgt Ion:128 Resp: 2658433

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.5 9.2 13.8



#80

Naphthalene, 2-methyl-

Concen: 11.218 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

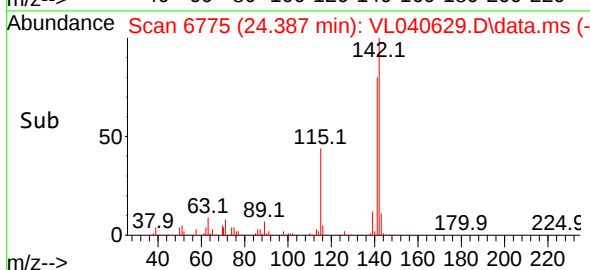
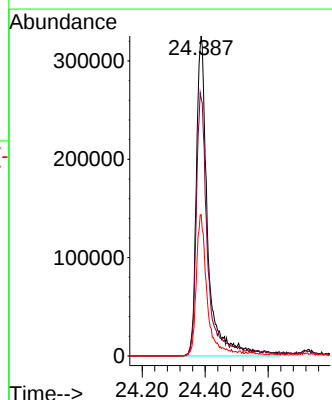
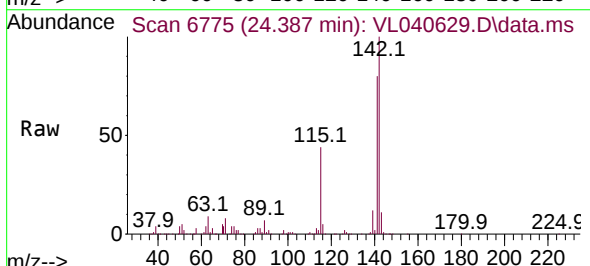
Tgt Ion:142 Resp: 827305

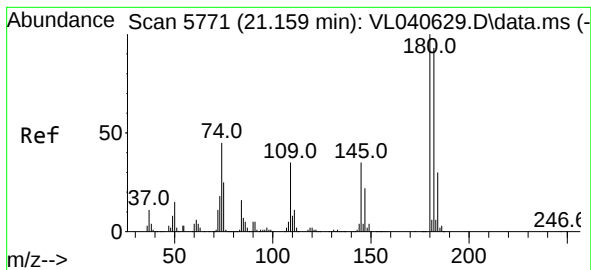
Ion Ratio Lower Upper

142 100

141 80.7 64.6 96.8

115 42.1 33.7 50.5





#81

1,2,4-Trichlorobenzene

Concen: 8.005 ppbv

RT: 21.159 min Scan# 51

Delta R.T. 0.000 min

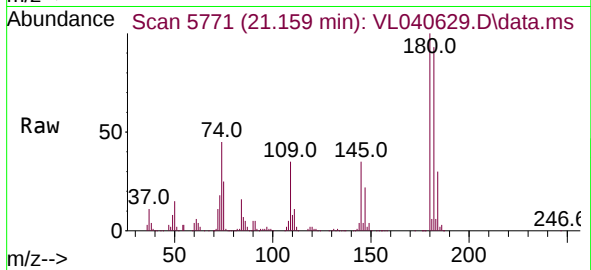
Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1436215

Ion Ratio Lower Upper

180 100

182 96.6 78.0 117.0

184 30.5 24.6 36.8

