

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022729.D
 Acq On : 02 May 2022 09:57
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 02 23:59:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320624	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299888	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160353	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	17096	2.599	ug/L	0.00
7) Chloroethane-d5	2.879	69	10027	2.343	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	10816	1.274	ug/L	0.00
21) 2-Butanone-d5	7.086	46	3584	2.889	ug/L	0.00
24) Chloroform-d	7.653	84	22004	2.342	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	12304	2.388	ug/L	0.00
32) Benzene-d6	8.275	84	40837	2.363	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	11416	2.351	ug/L	0.00
41) Toluene-d8	10.323	98	38917	2.331	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	4721	2.112	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3754	4.050	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	10524	2.325	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	12489	2.228	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	3647	2.108	ug/L #	72
3) Chloromethane	2.215	50	9348	2.768	ug/L	100
5) Vinyl chloride	2.361	62	18954	2.796	ug/L	100
6) Bromomethane	2.776	94	12687	2.915	ug/L	91
8) Chloroethane	2.916	64	8528	2.609	ug/L	96
9) Trichlorofluoromethane	3.257	101	9070	2.928	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	5749	1.247	ug/L #	1
12) 1,1-Dichloroethene	4.044	96	11009	2.681	ug/L	83
13) Acetone	4.135	43	5788	6.831	ug/L	67
14) Carbon disulfide	4.391	76	31106	2.763	ug/L	96
15) Methyl Acetate	4.672	43	4674	2.401	ug/L #	81
16) Methylene chloride	4.915	84	14872	3.170	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	12881	2.787	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	8753	1.244	ug/L #	66
19) 1,1-Dichloroethane	6.220	63	20837	2.660	ug/L	96
20) cis-1,2-Dichloroethene	7.159	96	5879	1.184	ug/L #	94
22) 2-Butanone	7.128	43	480	0.367	ug/L	88
23) Bromochloromethane	7.519	128	6401	2.754	ug/L	91
25) Chloroform	7.677	83	22969	2.652	ug/L	99
27) 1,2-Dichloroethane	8.403	62	15688	2.717	ug/L #	94
29) Cyclohexane	7.958	56	17314	2.670	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	18988	2.679	ug/L	96
31) Carbon tetrachloride	8.073	117	18321	2.764	ug/L	99
33) Benzene	8.323	78	50228	2.843	ug/L	100
34) Trichloroethene	9.092	95	13365	2.751	ug/L	95
35) Methylcyclohexane	9.335	83	21379	2.679	ug/L	96
37) 1,2-Dichloropropane	9.366	63	12234	2.862	ug/L	100
38) Bromodichloromethane	9.640	83	16245	2.675	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	15745	2.375	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	14682	5.449	ug/L	98
42) Toluene	10.390	91	52499	2.652	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	14048	2.374	ug/L	91

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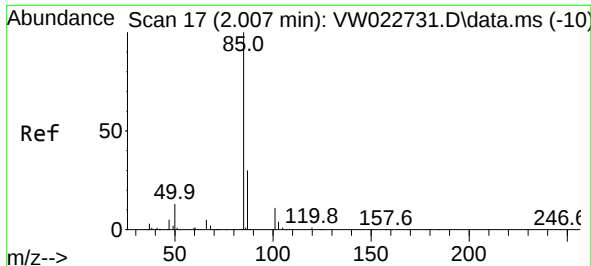
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 02 23:59:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.786	97	9797	2.741	ug/L	92
46) Tetrachloroethene	10.866	164	9773	2.677	ug/L	96
48) 2-Hexanone	10.969	43	9373	5.206	ug/L #	90
49) Dibromochloromethane	11.128	129	10716	2.491	ug/L	98
50) 1,2-Dibromoethane	11.231	107	9640	2.686	ug/L #	93
51) Chlorobenzene	11.652	112	34784	2.665	ug/L	95
52) Ethylbenzene	11.731	91	57574	2.614	ug/L	100
53) m,p-Xylene	11.835	106	21729	2.504	ug/L	86
54) o-Xylene	12.164	106	20731	2.489	ug/L	94
55) Styrene	12.176	104	33222	2.348	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.707	83	12057	2.701	ug/L #	98
59) Bromoform	12.353	173	5384	2.369	ug/L	98
60) Isopropylbenzene	12.463	105	55474	2.525	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	9272	2.894	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	31564	2.583	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	45645	2.487	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	26084	2.659	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	27659	2.730	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	23620	2.632	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	2007	2.866	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	16867	2.591	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	12946	2.472	ug/L	94
71) Naphthalene	15.359	128	25536	2.243	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.554	180	11849	2.553	ug/L	98

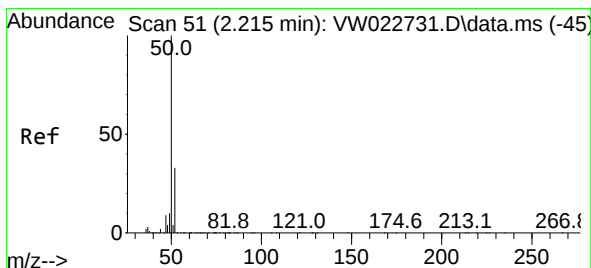
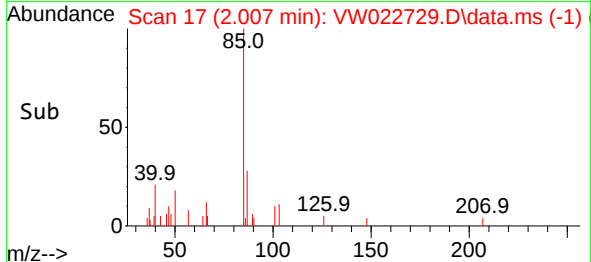
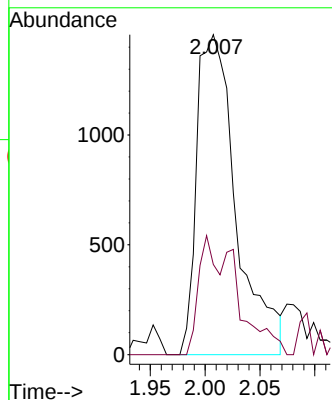
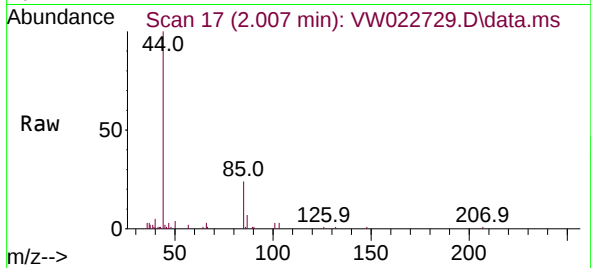
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.108 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022729.D
 Acq: 02 May 2022 09:57

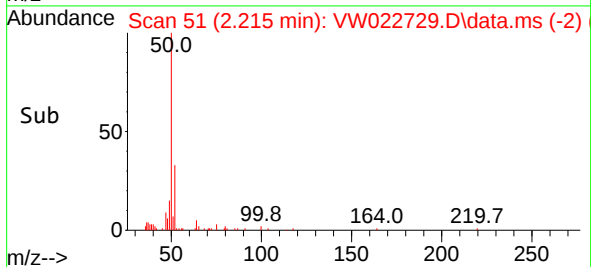
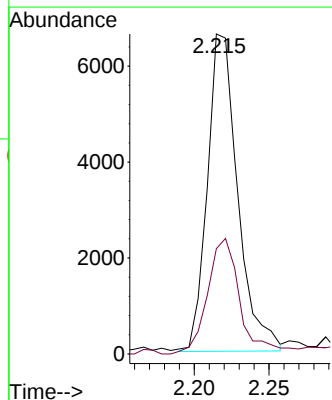
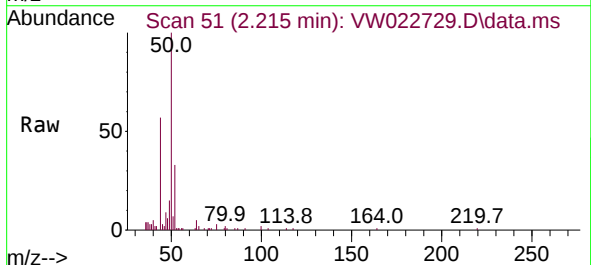
Instrument :
 MSVOA_W
 ClientSampleId :

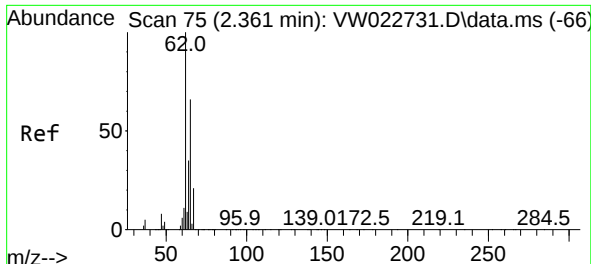
Tgt Ion: 85 Resp: 3647
 Ion Ratio Lower Upper
 85 100
 87 18.4 27.8 41.8#



#3
 Chloromethane
 Concen: 2.768 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022729.D
 Acq: 02 May 2022 09:57

Tgt Ion: 50 Resp: 9348
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

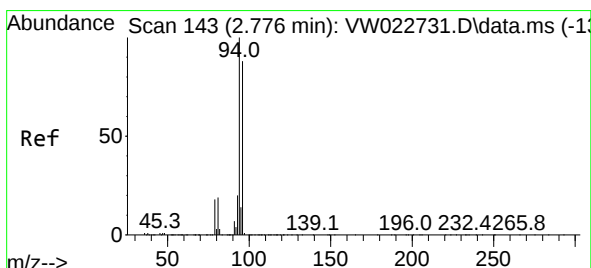
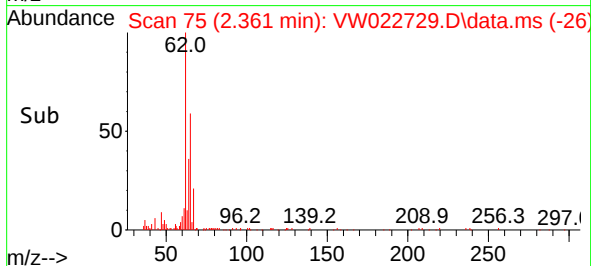
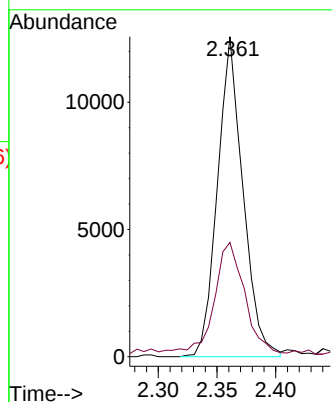
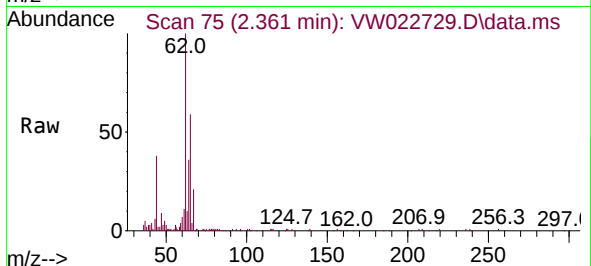




#5
 Vinyl chloride
 Concen: 2.796 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022729.D
 Acq: 02 May 2022 09:57

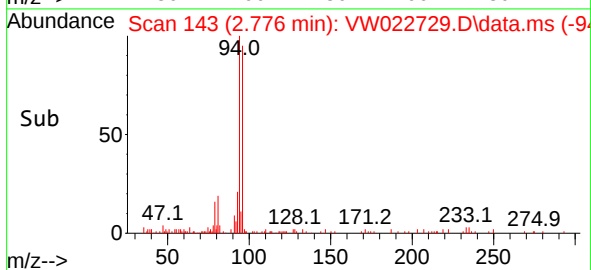
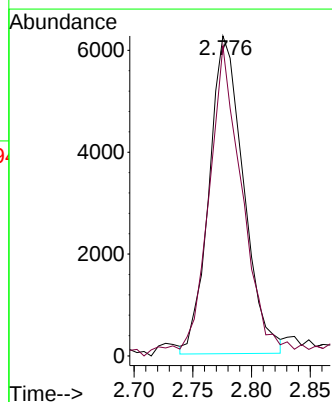
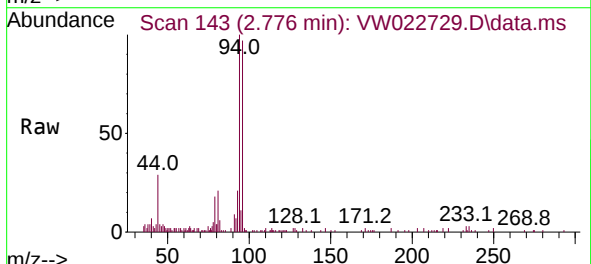
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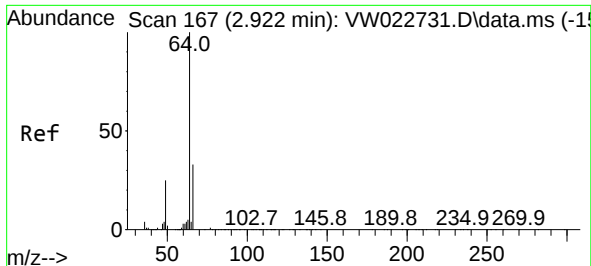
Tgt Ion: 62 Resp: 18954
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.9 46.3



#6
 Bromomethane
 Concen: 2.915 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022729.D
 Acq: 02 May 2022 09:57

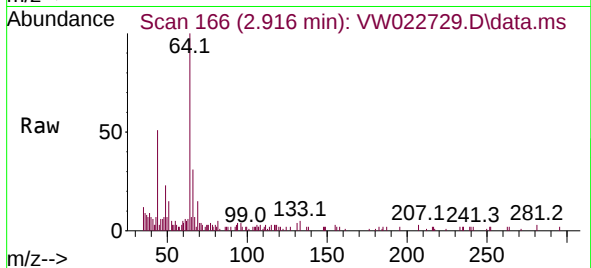
Tgt Ion: 94 Resp: 12687
 Ion Ratio Lower Upper
 94 100
 96 96.9 61.7 114.5



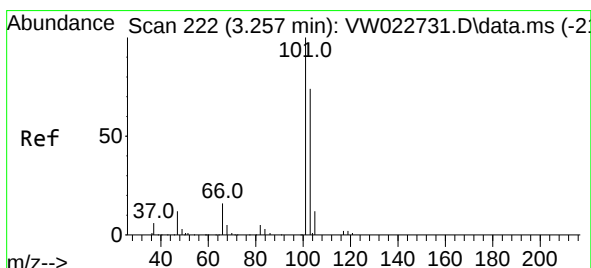
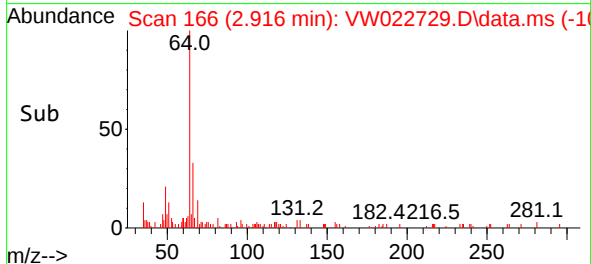
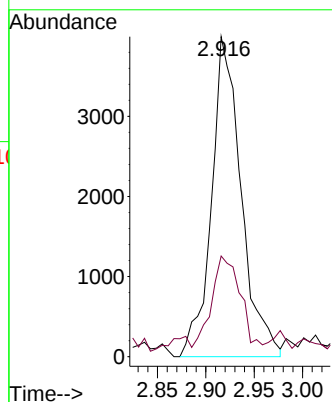


#8
Chloroethane
Concen: 2.609 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :

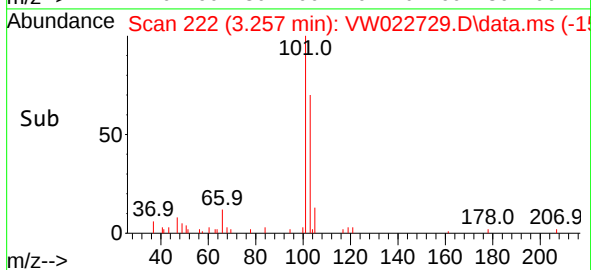
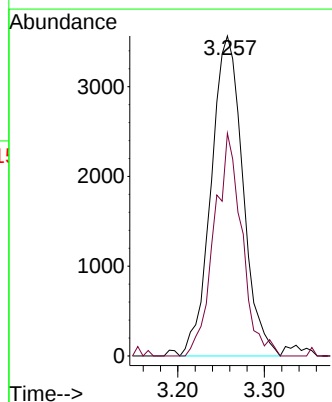
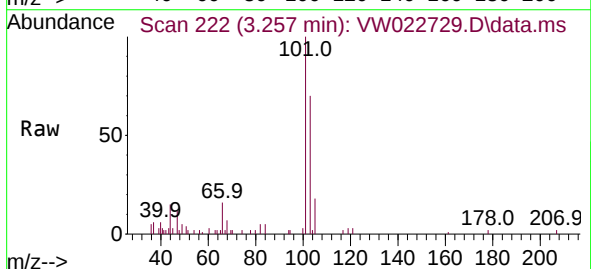


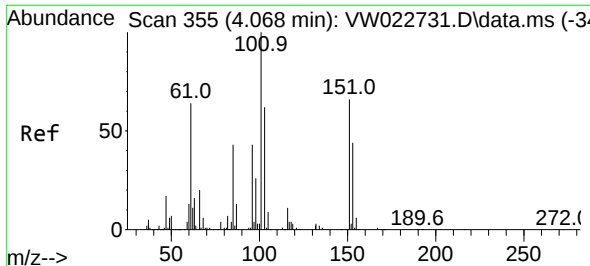
Tgt Ion: 64 Resp: 8528
Ion Ratio Lower Upper
64 100
66 31.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 2.928 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion: 101 Resp: 9070
Ion Ratio Lower Upper
101 100
103 59.9 53.9 80.9

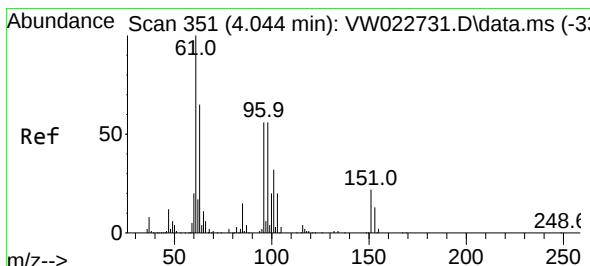
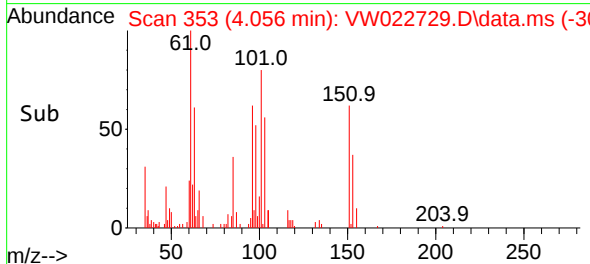
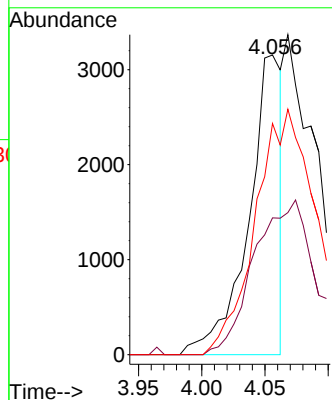
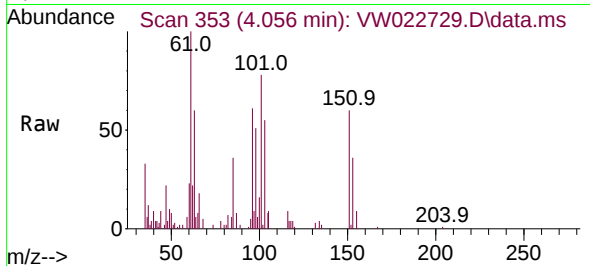




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.247 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW022729.D
 Acq: 02 May 2022 09:57

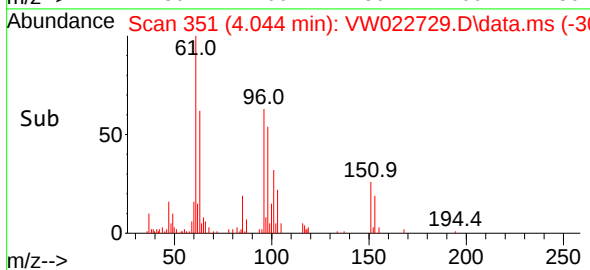
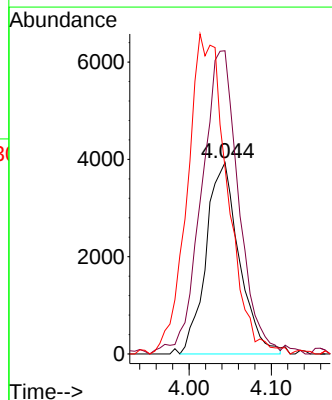
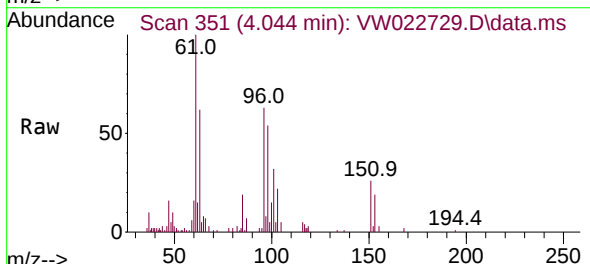
Instrument :
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 ClientSampleId :

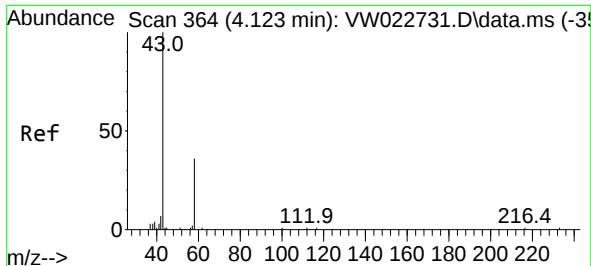
Tgt Ion:101 Resp: 5749
 Ion Ratio Lower Upper
 101 100
 85 97.1 34.3 51.5#
 151 159.1 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 2.681 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022729.D
 Acq: 02 May 2022 09:57

Tgt Ion: 96 Resp: 11009
 Ion Ratio Lower Upper
 96 100
 61 158.4 125.7 233.5
 63 97.5 83.4 155.0

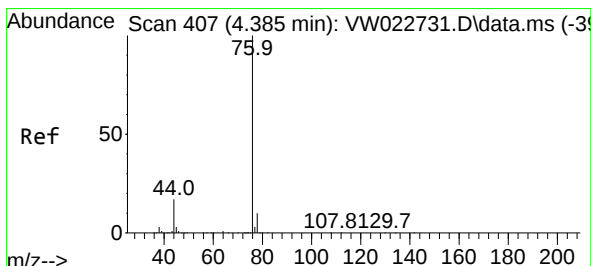
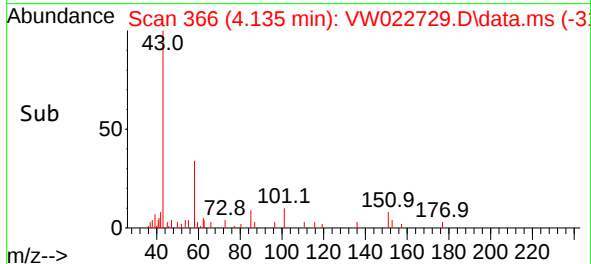
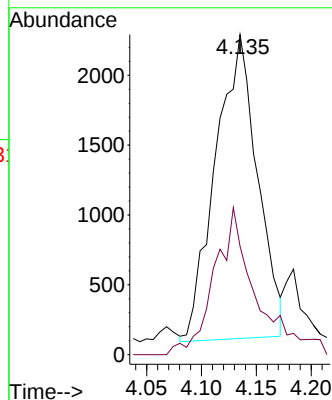
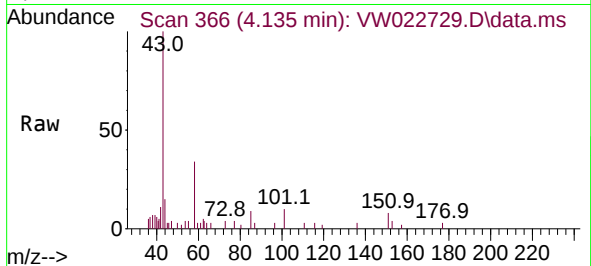




#13
Acetone
Concen: 6.831 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

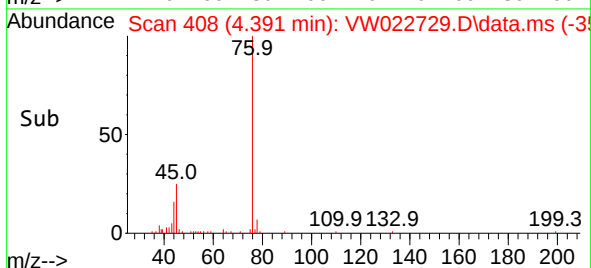
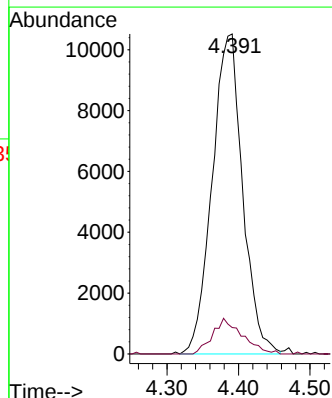
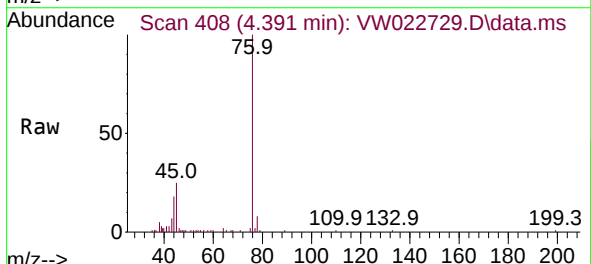
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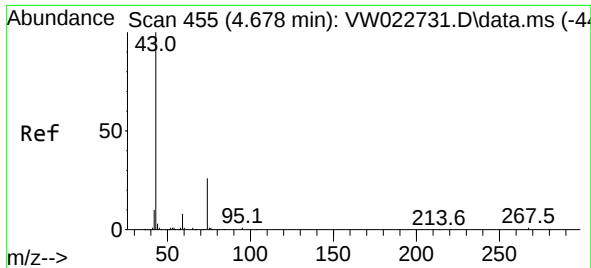
Tgt Ion: 43 Resp: 5788
Ion Ratio Lower Upper
43 100
58 13.8 0.0 64.0



#14
Carbon disulfide
Concen: 2.763 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion: 76 Resp: 31106
Ion Ratio Lower Upper
76 100
78 8.3 7.7 11.5

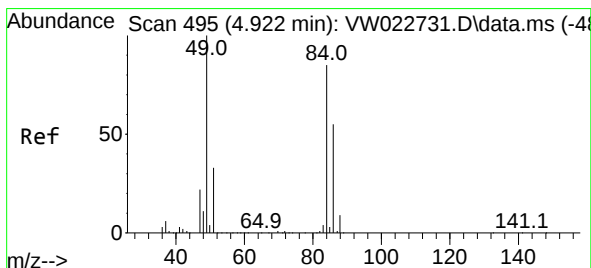
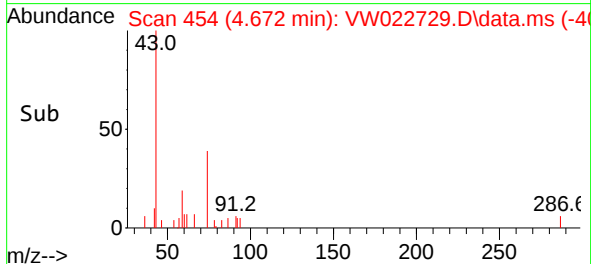
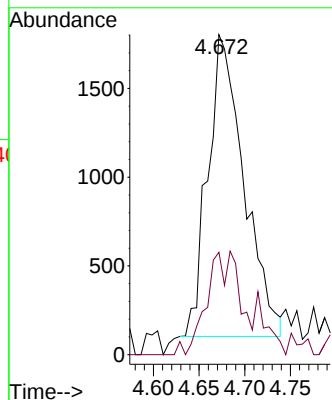
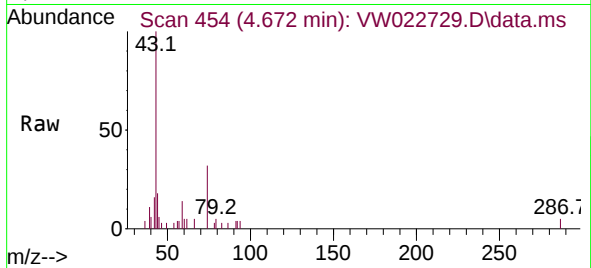




#15
Methyl Acetate
Concen: 2.401 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

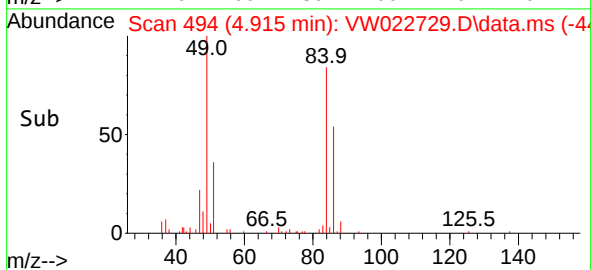
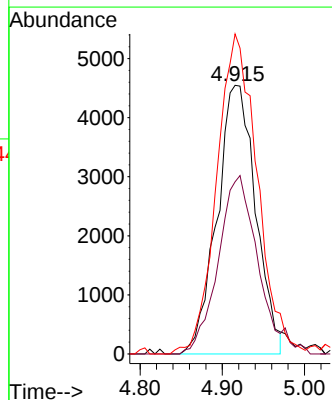
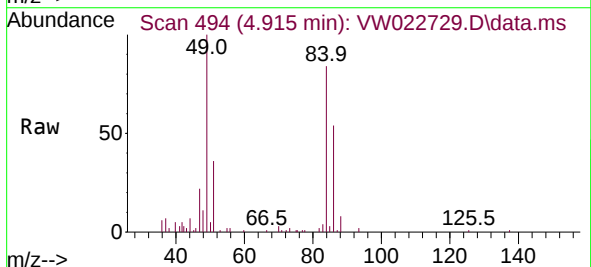
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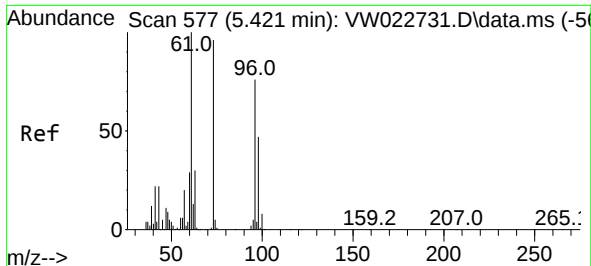
Tgt Ion: 43 Resp: 4674
Ion Ratio Lower Upper
43 100
74 17.5 21.9 32.9#



#16
Methylene chloride
Concen: 3.170 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

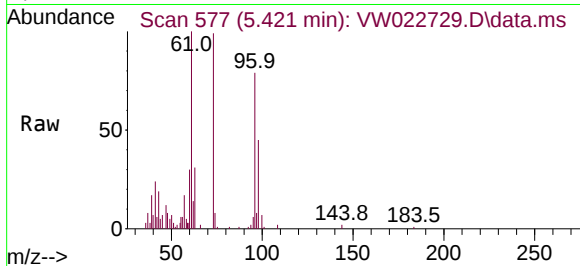
Tgt Ion: 84 Resp: 14872
Ion Ratio Lower Upper
84 100
86 64.1 45.4 84.4
49 119.1 82.5 153.1





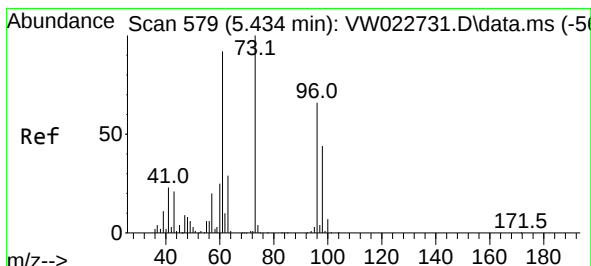
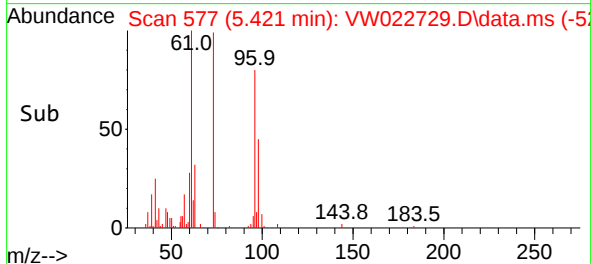
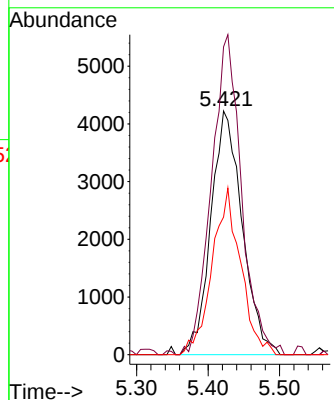
#17
trans-1,2-Dichloroethene
Concen: 2.787 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 12881

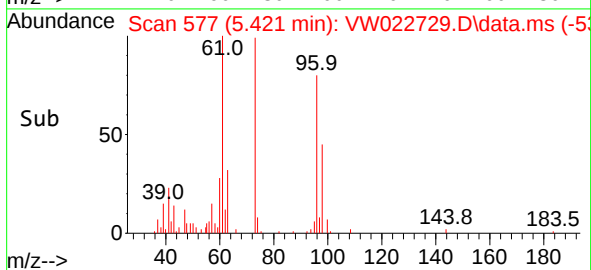
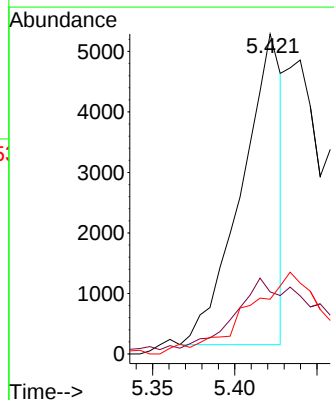
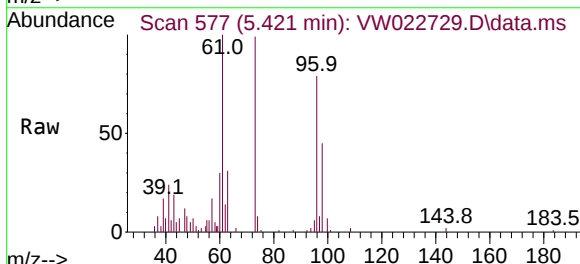
Ion	Ratio	Lower	Upper
96	100		
61	126.4	92.2	171.2
98	56.5	42.9	79.7

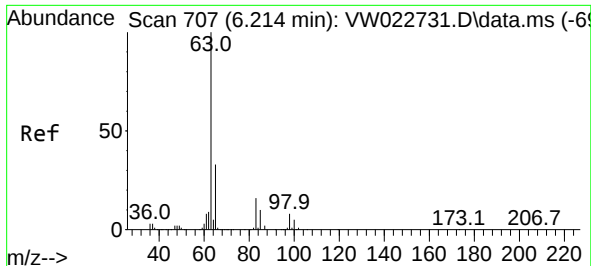


#18
Methyl tert-butyl Ether
Concen: 1.244 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion: 73 Resp: 8753

Ion	Ratio	Lower	Upper
73	100		
43	25.0	15.9	23.9#
57	46.5	16.5	24.7#





#19

1,1-Dichloroethane

Concen: 2.660 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

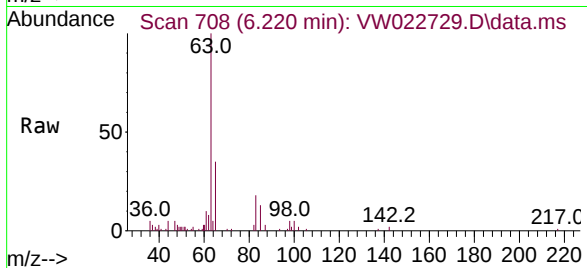
Lab File: VW022729.D

Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :



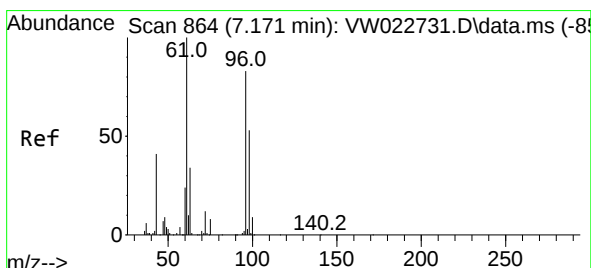
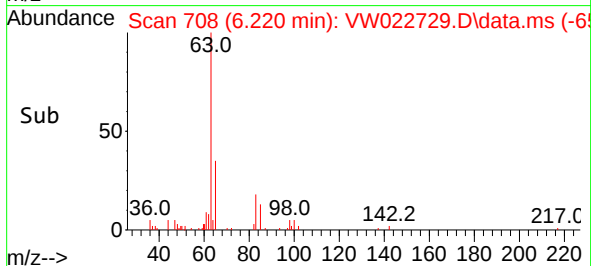
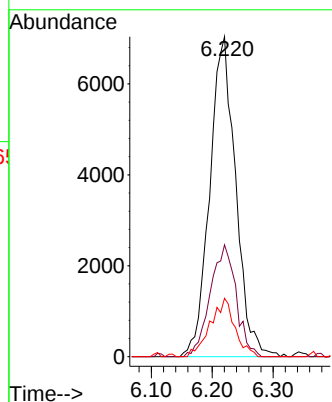
Tgt Ion: 63 Resp: 20837

Ion Ratio Lower Upper

63 100

65 34.9 23.3 43.3

83 18.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 1.184 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.012 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

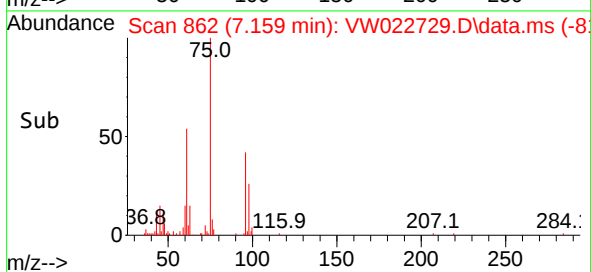
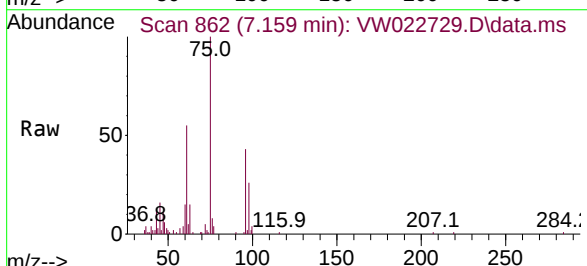
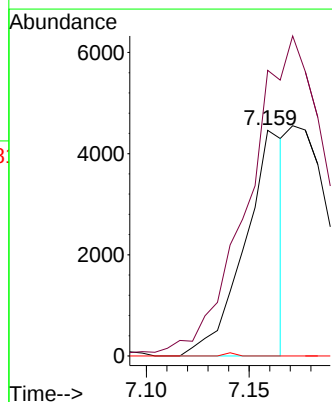
Tgt Ion: 96 Resp: 5879

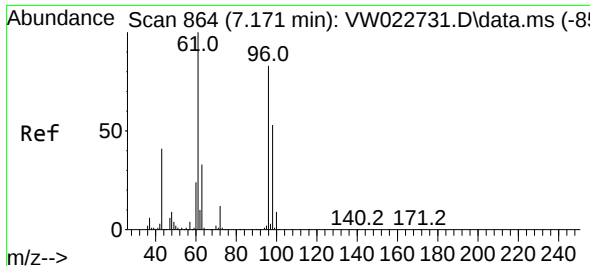
Ion Ratio Lower Upper

96 100

61 126.6 84.2 156.4

68 0.0 0.1 0.1#

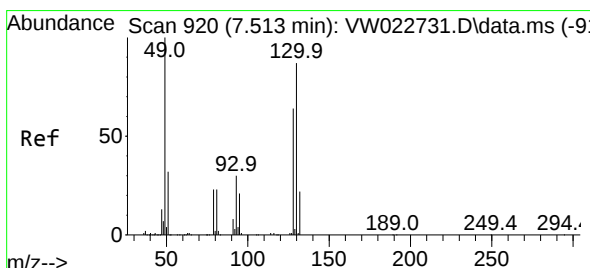
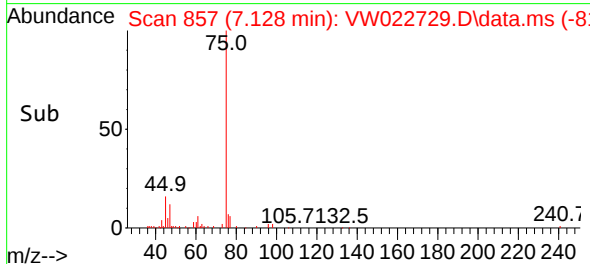
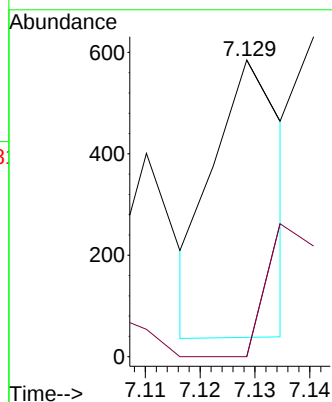
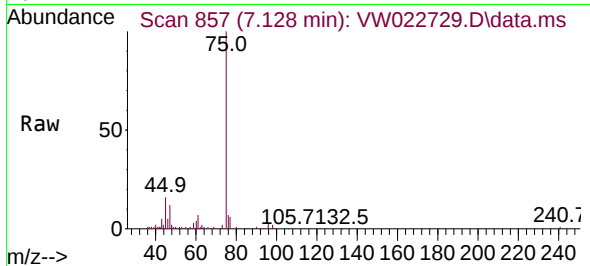




#22
2-Butanone
Concen: 0.367 ug/L
RT: 7.128 min Scan# 864
Delta R.T. -0.043 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

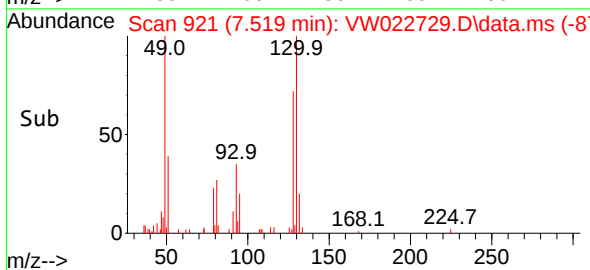
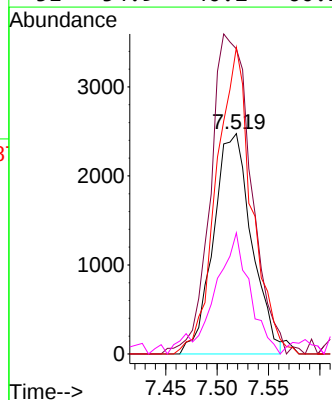
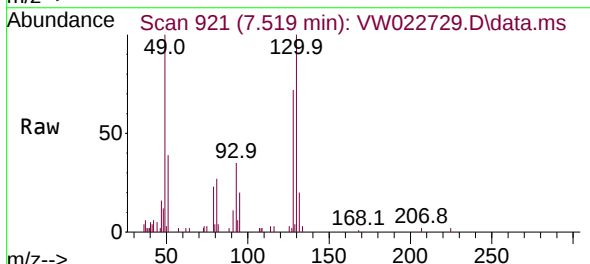
Instrument :
MSVOA_W
ClientSampleId :

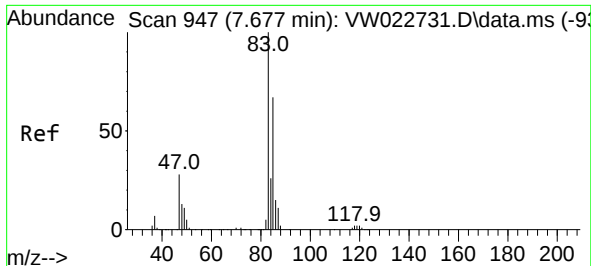
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
72 36.5 15.1 45.3



#23
Bromochloromethane
Concen: 2.754 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion: 128 Resp: 6401
Ion Ratio Lower Upper
128 100
49 138.4 110.0 204.4
130 139.1 94.8 176.0
51 54.9 40.2 60.2

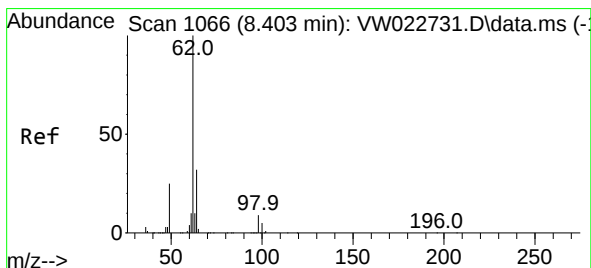
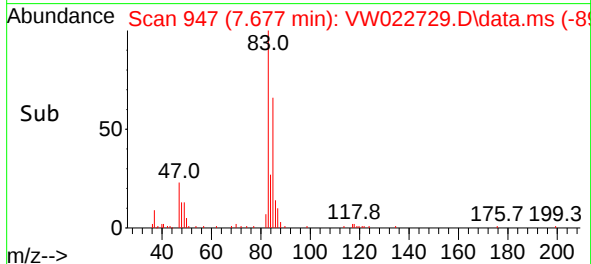
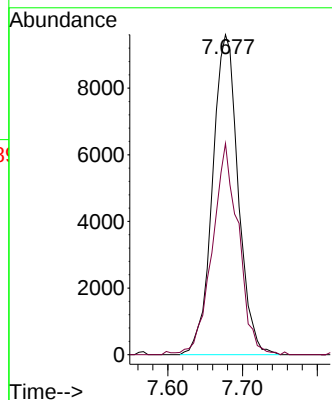
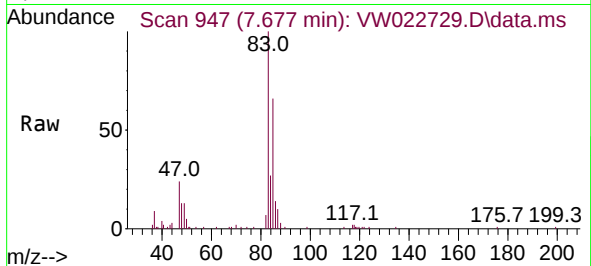




#25
Chloroform
Concen: 2.652 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

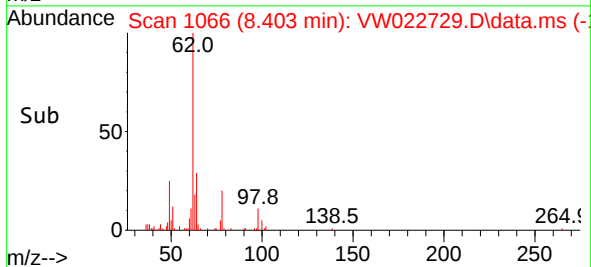
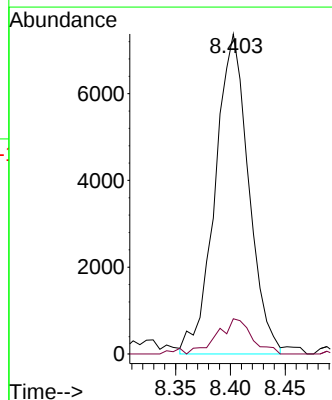
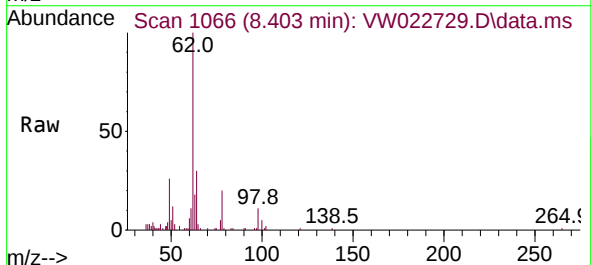
Instrument :
MSVOA_W
ClientSampleId :

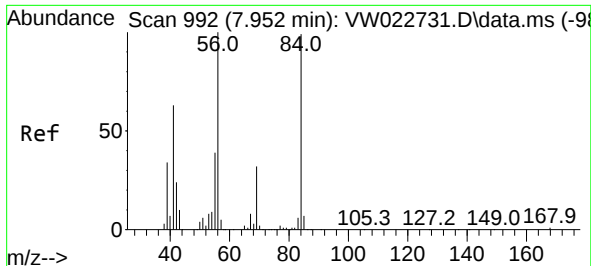
Tgt Ion: 83 Resp: 22969
Ion Ratio Lower Upper
83 100
85 66.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 2.717 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion: 62 Resp: 15688
Ion Ratio Lower Upper
62 100
98 11.0 7.2 10.8#





#29

Cyclohexane

Concen: 2.670 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

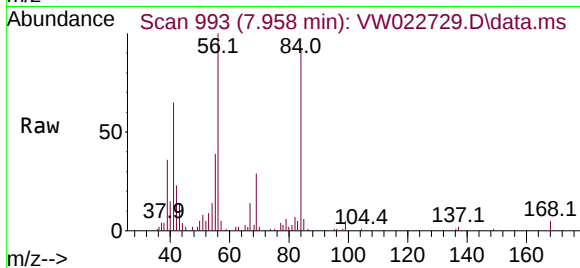
Lab File: VW022729.D

Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :



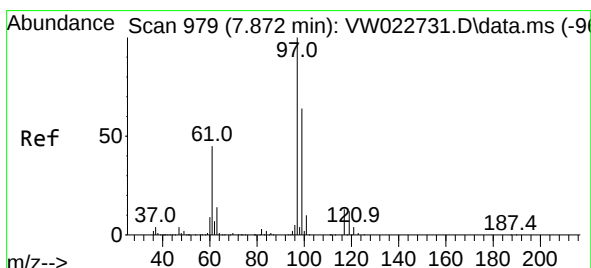
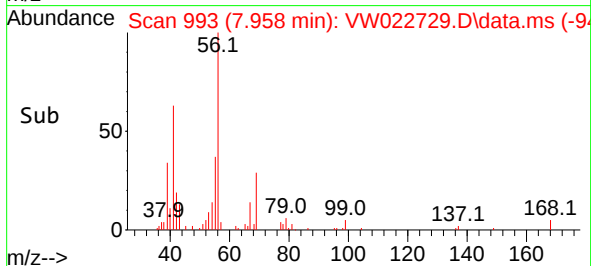
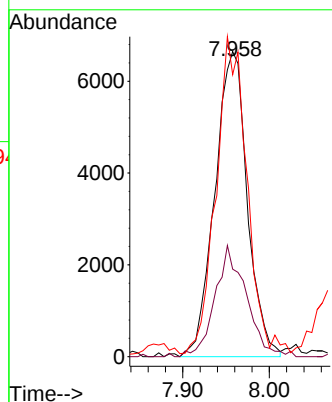
Tgt Ion: 56 Resp: 17314

Ion Ratio Lower Upper

56 100

69 34.3 25.6 38.4

84 99.1 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 2.679 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

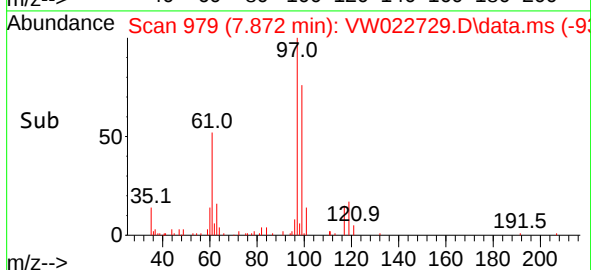
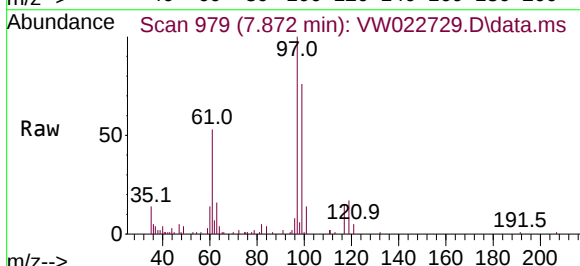
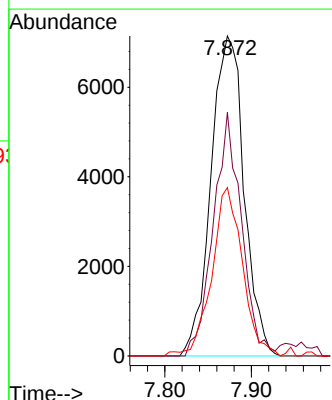
Tgt Ion: 97 Resp: 18988

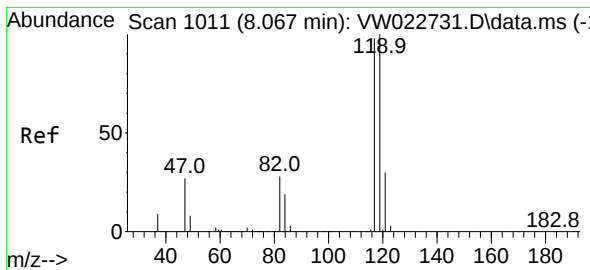
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 48.2 34.8 52.2





#31

Carbon tetrachloride

Concen: 2.764 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

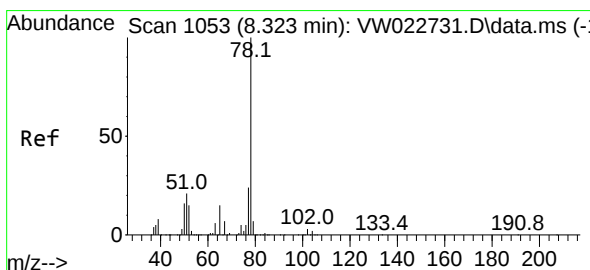
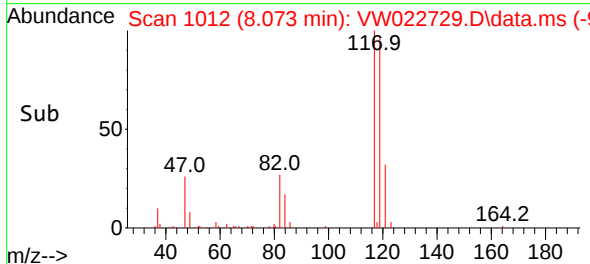
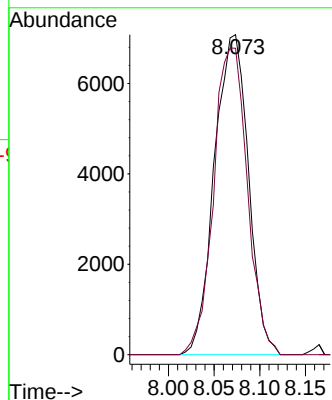
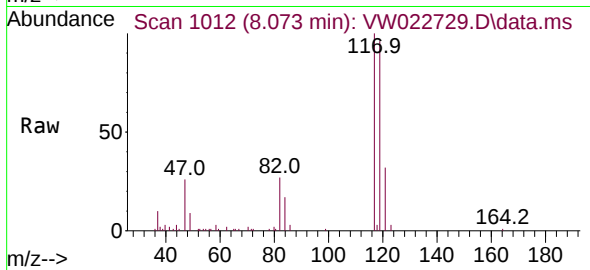
ClientSampleId :

Tgt Ion:117 Resp: 18321

Ion Ratio Lower Upper

117 100

119 95.2 76.6 115.0



#33

Benzene

Concen: 2.843 ug/L

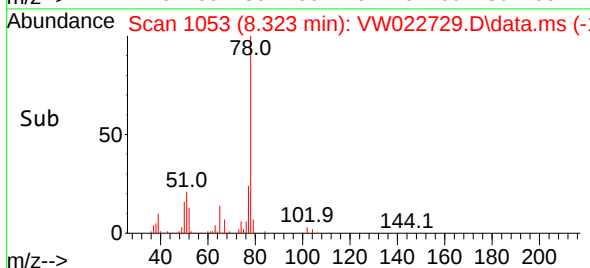
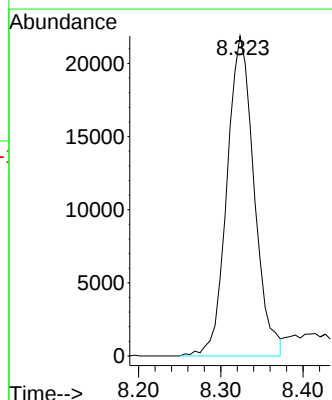
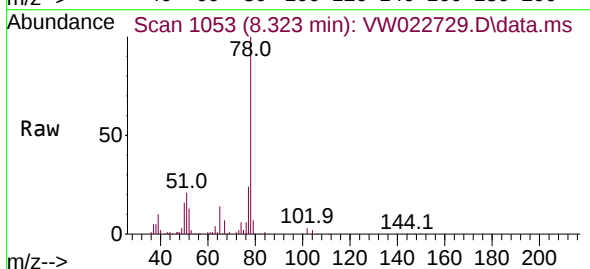
RT: 8.323 min Scan# 1053

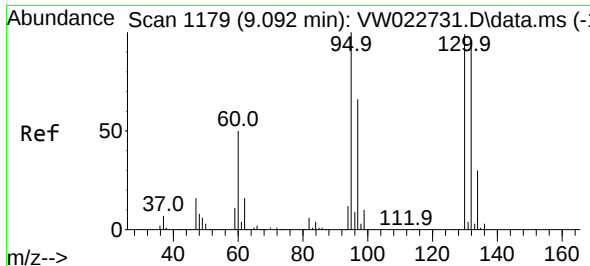
Delta R.T. -0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

Tgt Ion: 78 Resp: 50228





#34

Trichloroethene

Concen: 2.751 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 13365

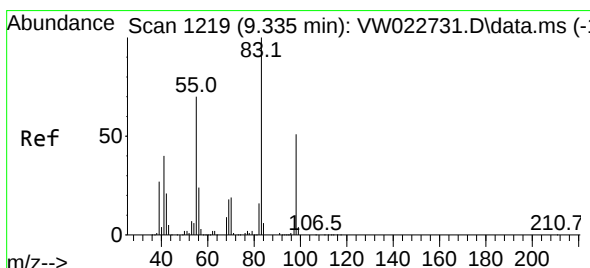
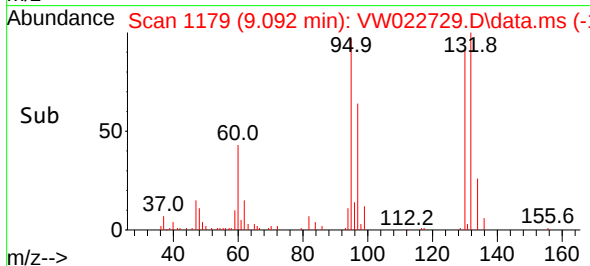
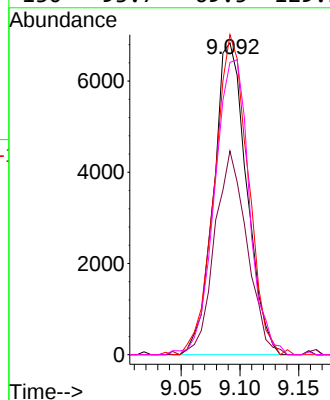
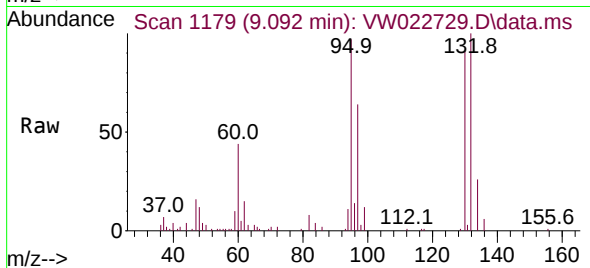
Ion Ratio Lower Upper

95 100

97 65.3 46.1 85.7

132 102.6 66.9 124.3

130 93.7 69.5 129.1



#35

Methylcyclohexane

Concen: 2.679 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

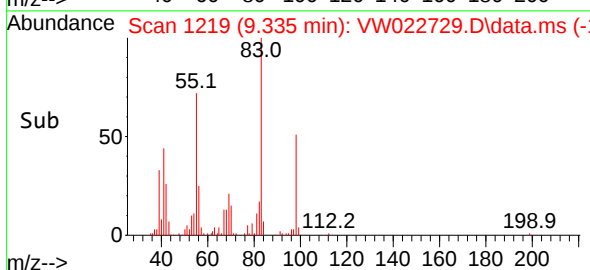
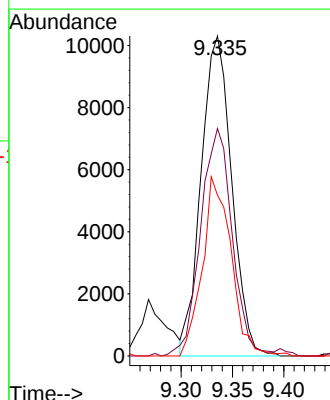
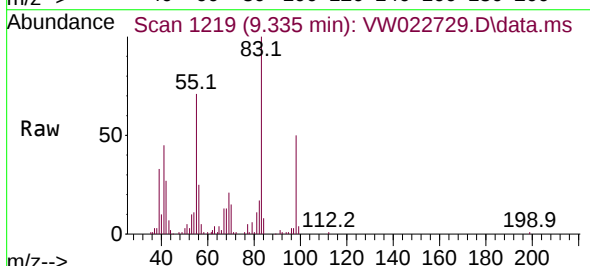
Tgt Ion: 83 Resp: 21379

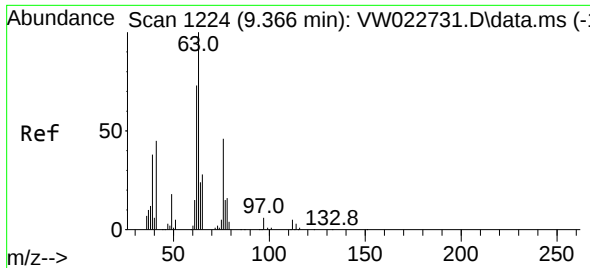
Ion Ratio Lower Upper

83 100

55 73.3 55.1 82.7

98 52.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 2.862 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

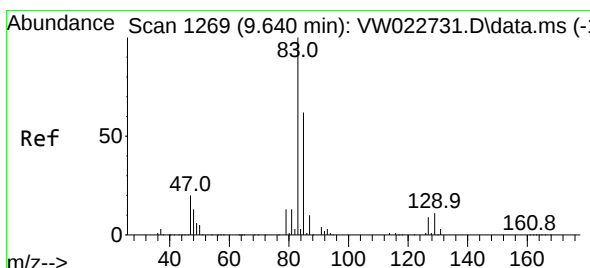
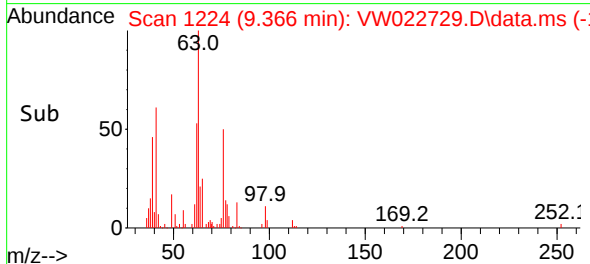
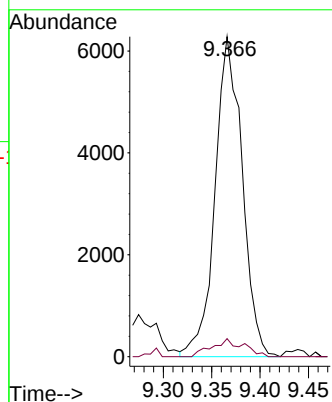
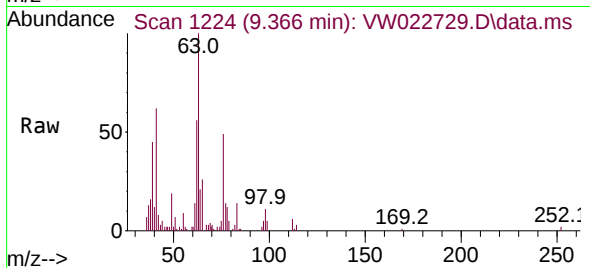
ClientSampleId :

Tgt Ion: 63 Resp: 12234

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 2.675 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

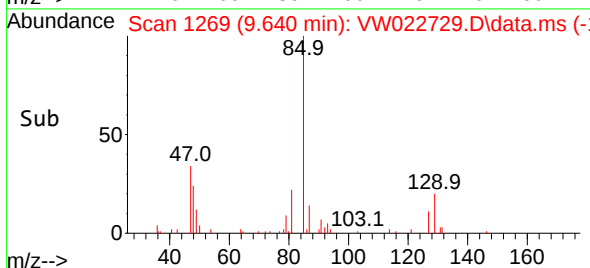
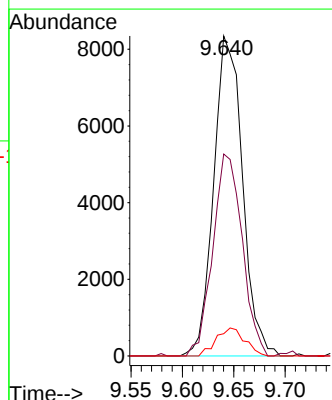
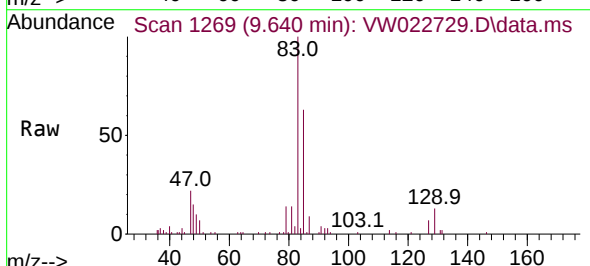
Tgt Ion: 83 Resp: 16245

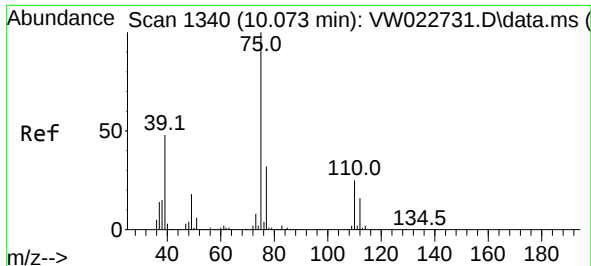
Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.7

127 6.9 7.1 10.7#





#39

cis-1,3-Dichloropropene

Concen: 2.375 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

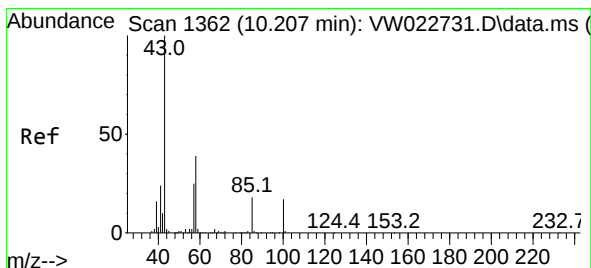
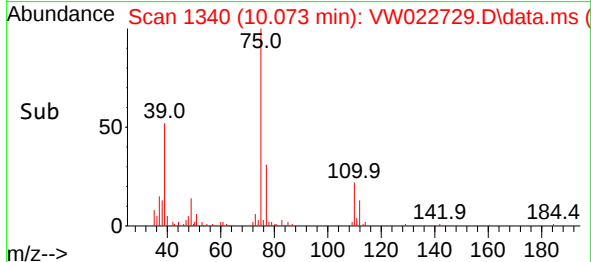
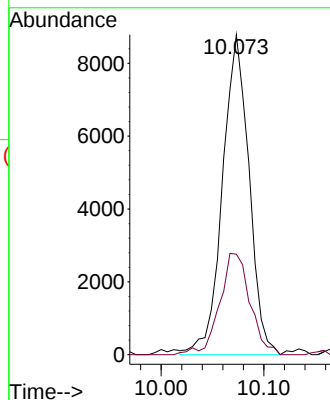
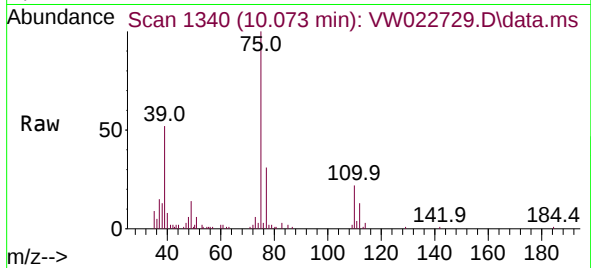
ClientSampleId :

Tgt Ion: 75 Resp: 15745

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 5.449 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

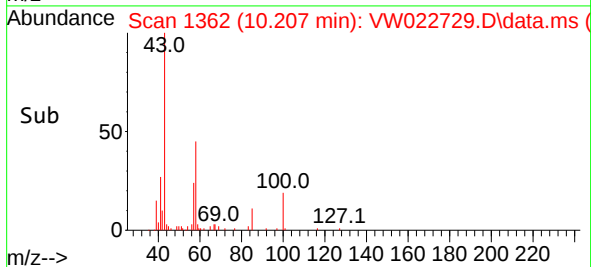
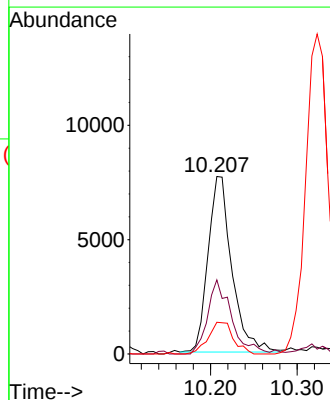
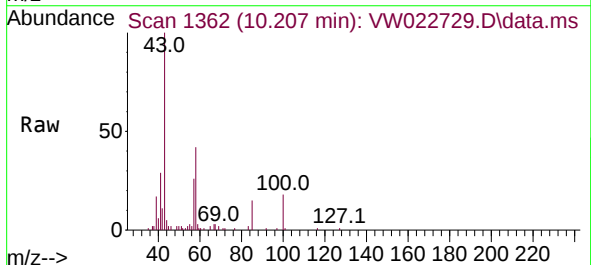
Tgt Ion: 43 Resp: 14682

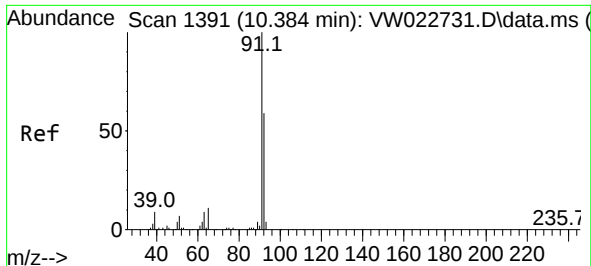
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 19.1 14.2 21.4

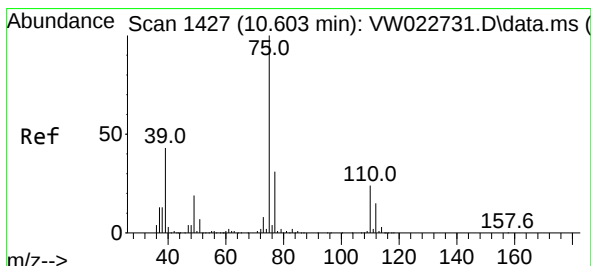
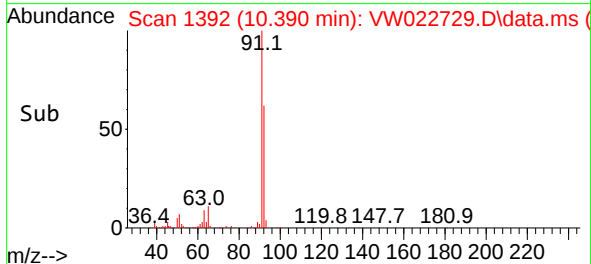
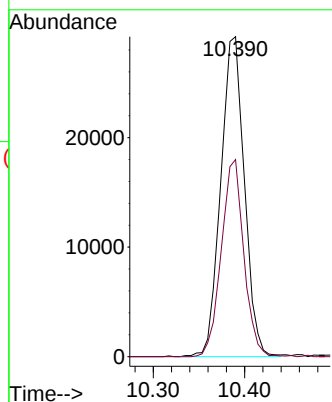
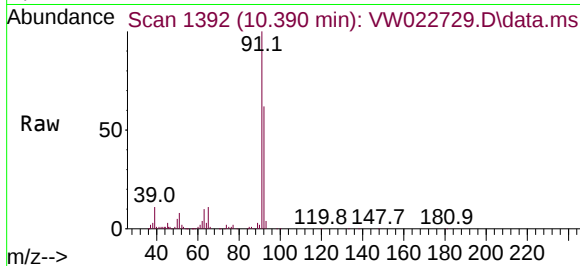




#42
Toluene
Concen: 2.652 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

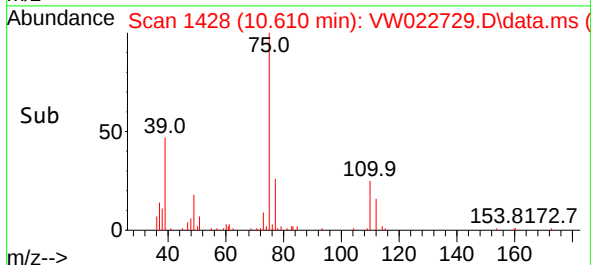
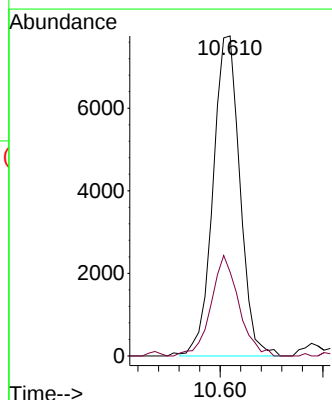
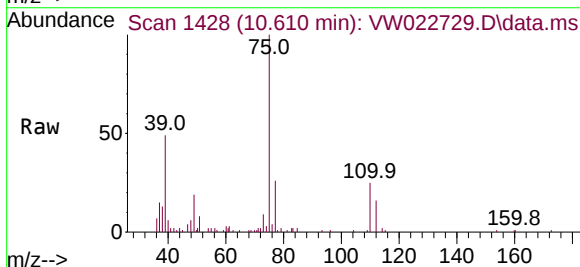
Instrument :
MSVOA_W
ClientSampleId :

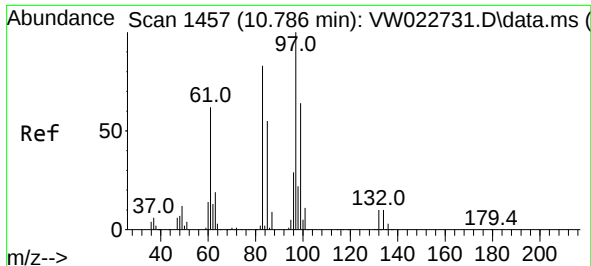
Tgt Ion: 91 Resp: 52499
Ion Ratio Lower Upper
91 100
92 61.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 2.374 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

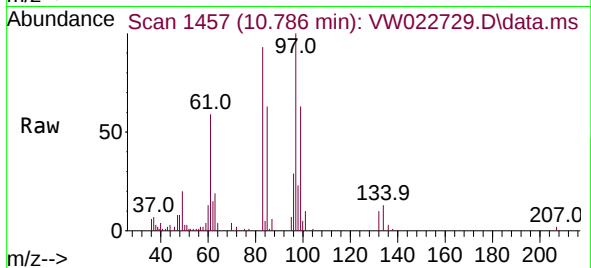
Tgt Ion: 75 Resp: 14048
Ion Ratio Lower Upper
75 100
77 26.2 22.0 40.8



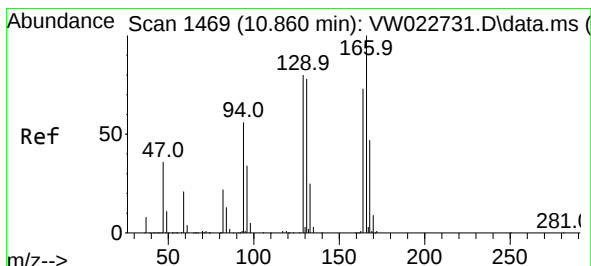
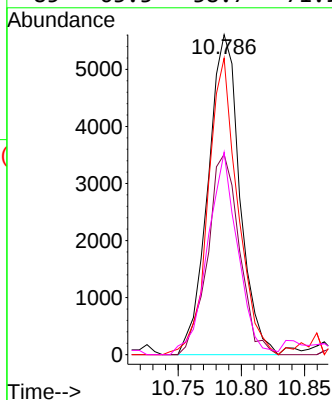
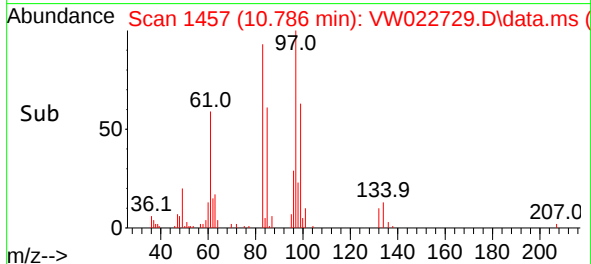


#45
1,1,2-Trichloroethane
Concen: 2.741 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

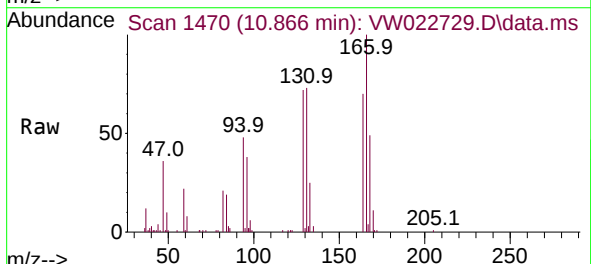
Instrument :
MSVOA_W
ClientSampleId :



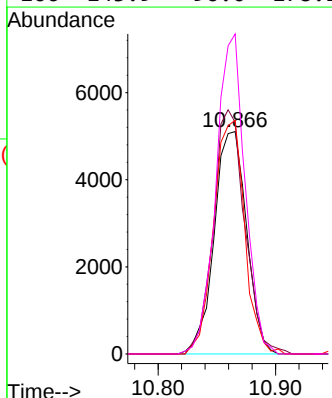
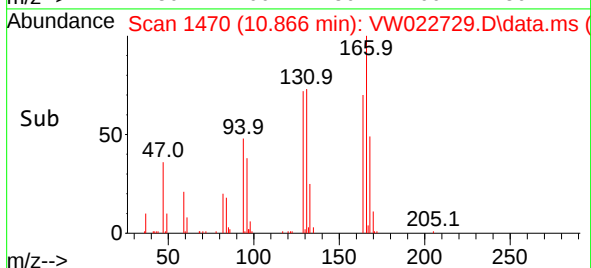
Tgt Ion:	97	Resp:	9797
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.7	82.9
83	92.7	58.4	108.4
85	63.3	38.7	71.9

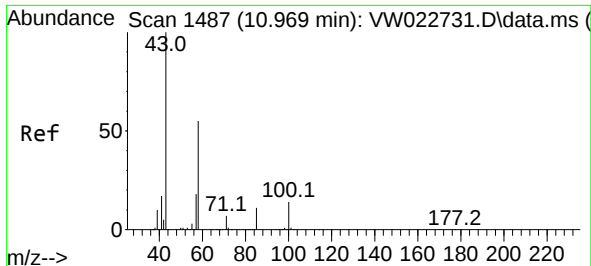


#46
Tetrachloroethene
Concen: 2.677 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57



Tgt Ion:	164	Resp:	9773
Ion	Ratio	Lower	Upper
164	100		
129	104.2	76.9	142.7
131	105.0	75.1	139.5
166	143.9	96.0	178.2

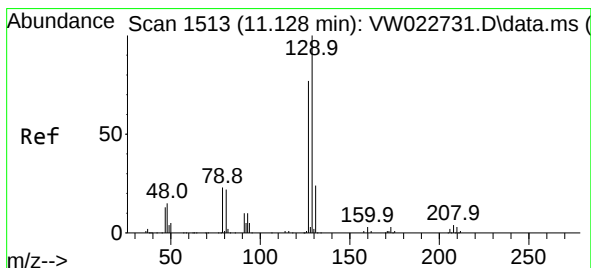
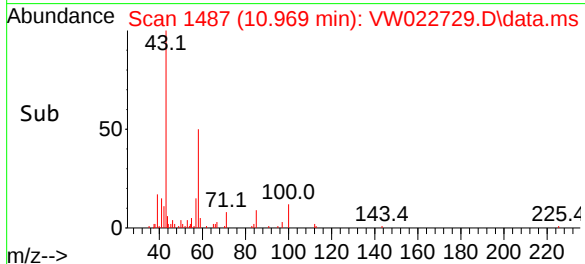
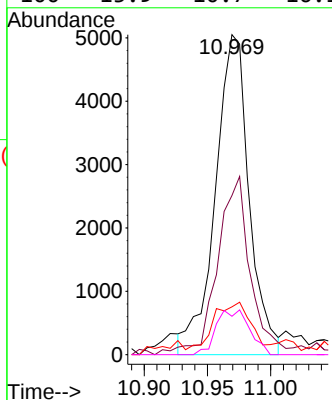
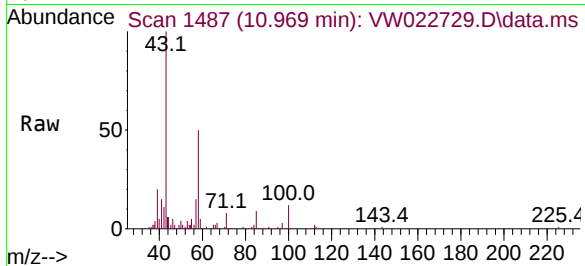




#48
2-Hexanone
Concen: 5.206 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

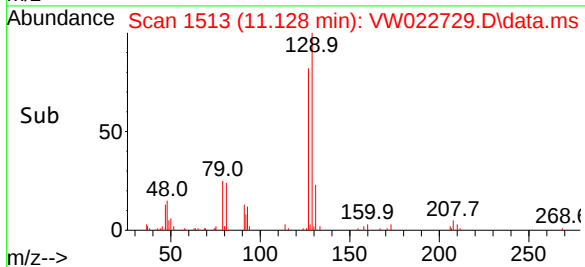
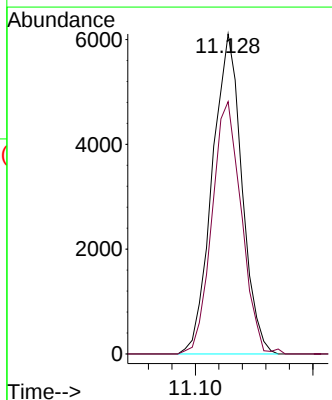
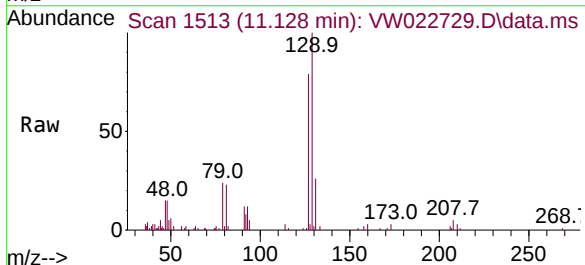
Instrument :
MSVOA_W
ClientSampleId :

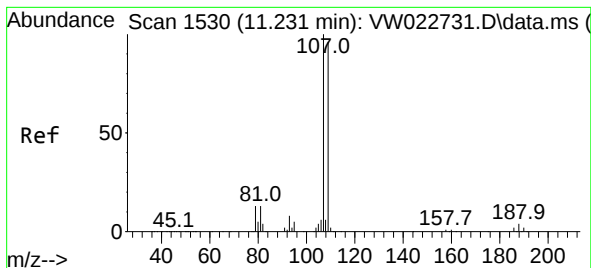
Tgt Ion: 43	Resp: 9373
Ion Ratio	Lower Upper
43 100	
58 51.8	45.9 68.9
57 9.4	16.2 24.2#
100 13.9	10.7 16.1



#49
Dibromochloromethane
Concen: 2.491 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion:129	Resp:	10716	
Ion	Ratio	Lower	Upper
129	100		
127	78.8	53.8	100.0

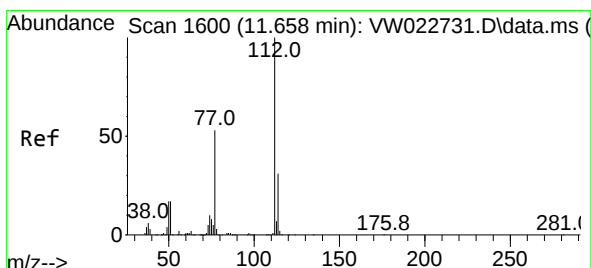
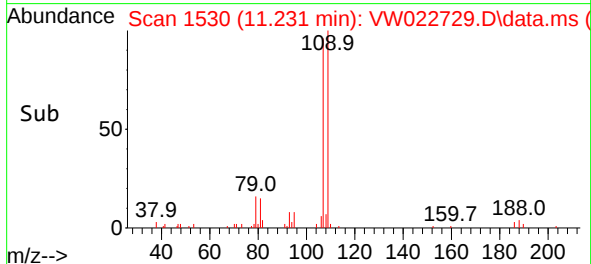
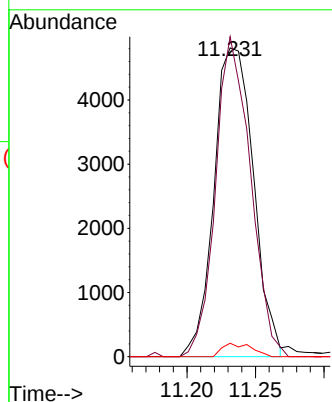
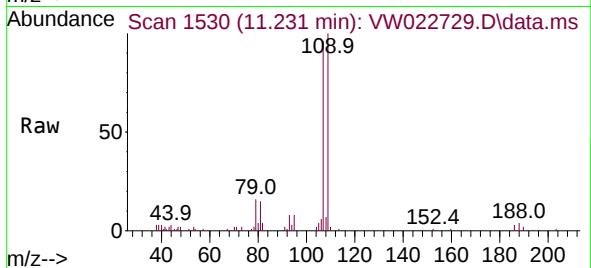




#50
1,2-Dibromoethane
Concen: 2.686 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

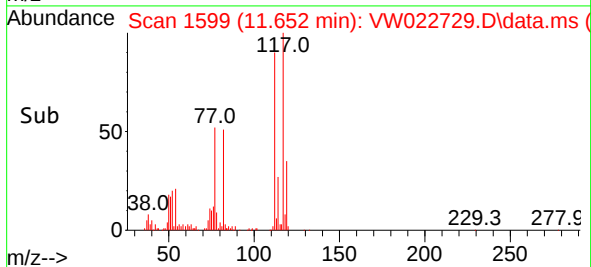
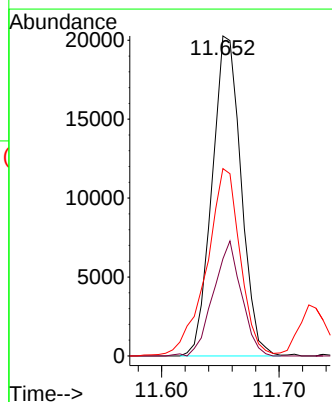
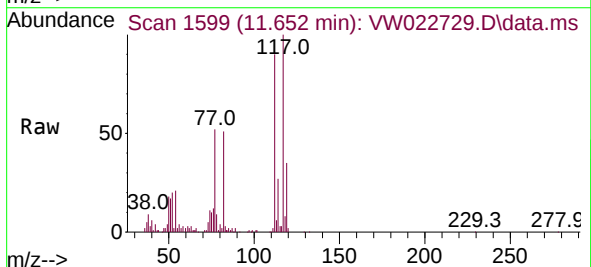
Instrument :
MSVOA_W
ClientSampleId :

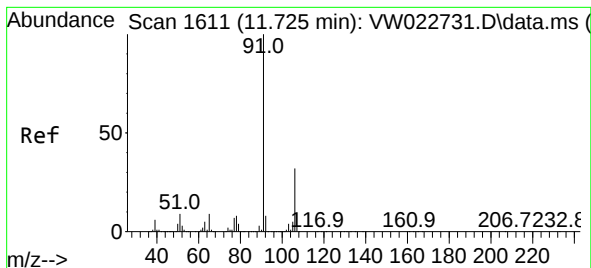
Tgt Ion:107 Resp: 9640
Ion Ratio Lower Upper
107 100
109 103.6 67.5 125.4
188 4.3 2.9 4.3#



#51
Chlorobenzene
Concen: 2.665 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion:112 Resp: 34784
Ion Ratio Lower Upper
112 100
114 30.4 22.0 41.0
77 58.5 42.6 63.8

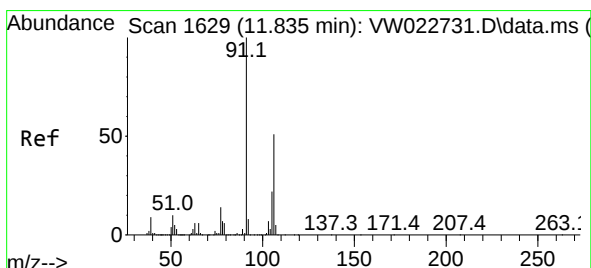
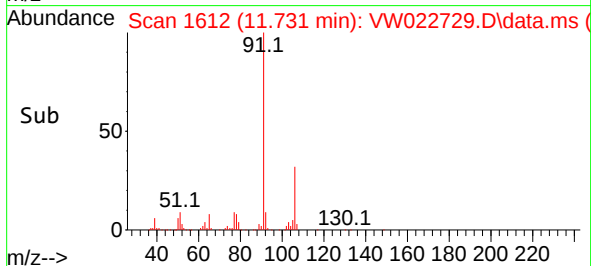
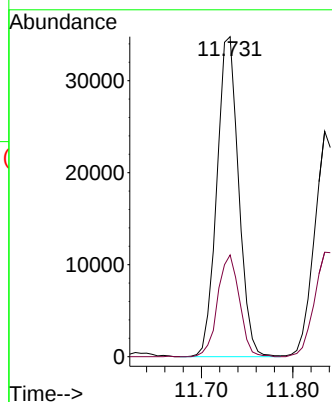
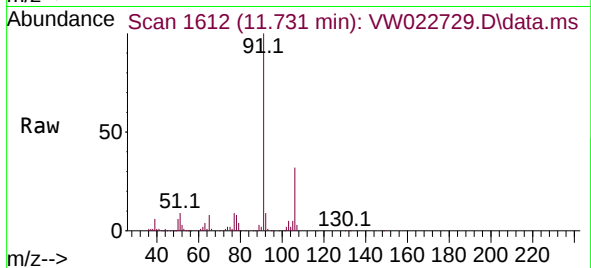




#52
Ethylbenzene
Concen: 2.614 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

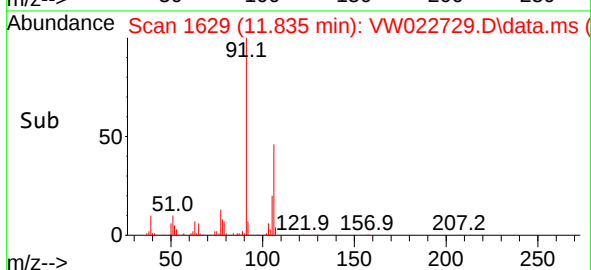
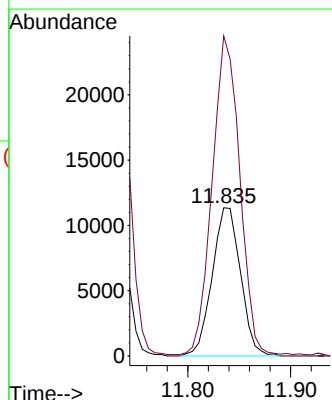
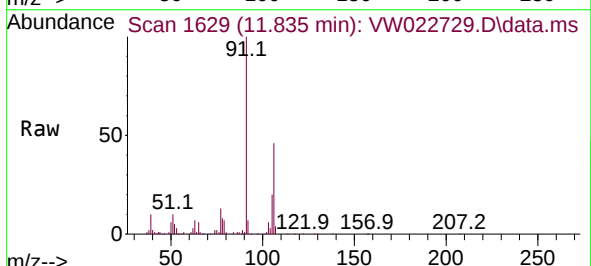
Instrument :
MSVOA_W
ClientSampleId :

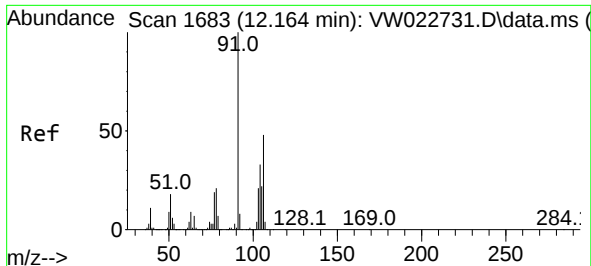
Tgt Ion: 91 Resp: 57574
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3



#53
m,p-Xylene
Concen: 2.504 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion: 106 Resp: 21729
Ion Ratio Lower Upper
106 100
91 216.0 136.8 254.0

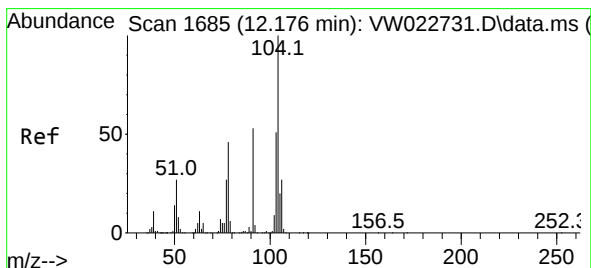
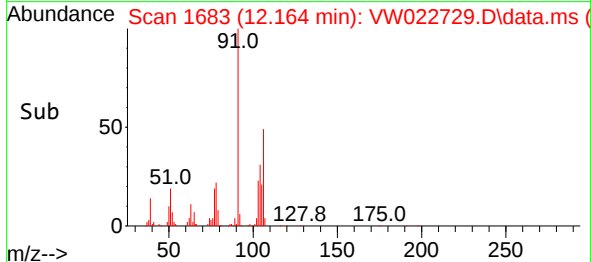
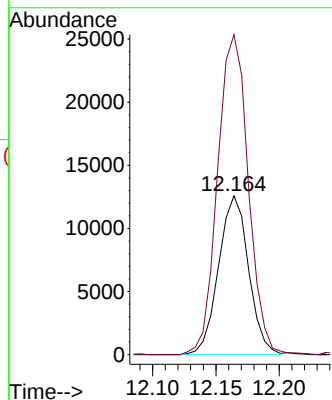
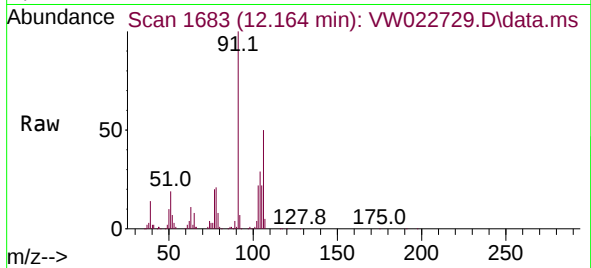




#54
o-Xylene
Concen: 2.489 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

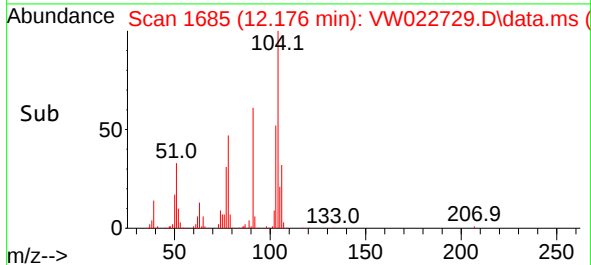
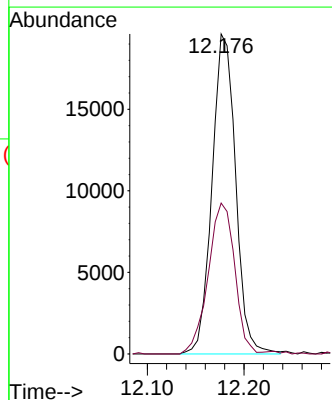
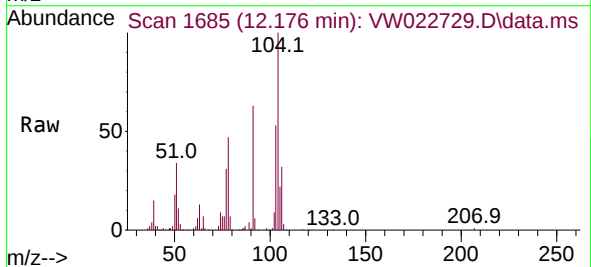
Instrument :
MSVOA_W
ClientSampleId :

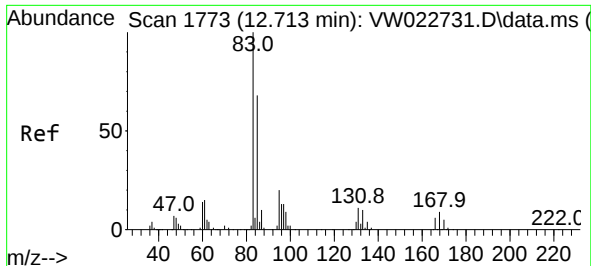
Tgt Ion:106 Resp: 20731
Ion Ratio Lower Upper
106 100
91 201.5 147.2 273.4



#55
Styrene
Concen: 2.348 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion:104 Resp: 33222
Ion Ratio Lower Upper
104 100
78 47.2 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 2.701 ug/L

RT: 12.707 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022729.D

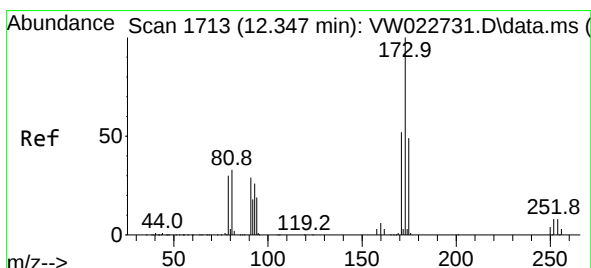
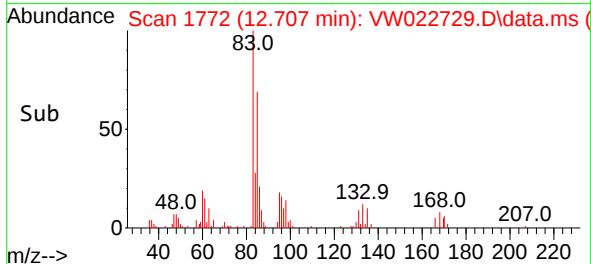
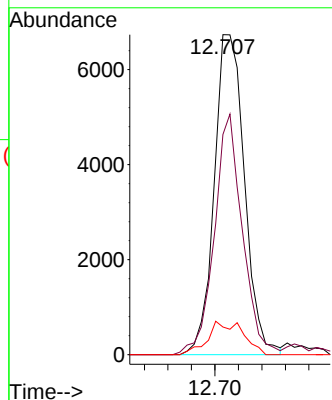
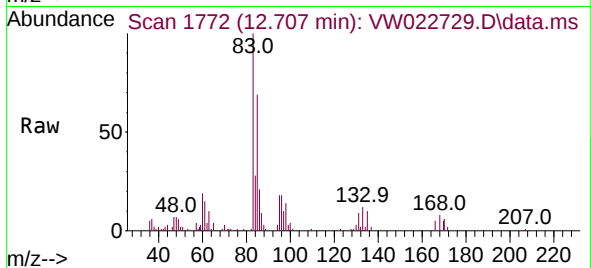
Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 12057
Ion Ratio	Lower Upper
83	100
85	68.8 47.5 88.1
131	8.7 8.7 13.1



#59

Bromoform

Concen: 2.369 ug/L

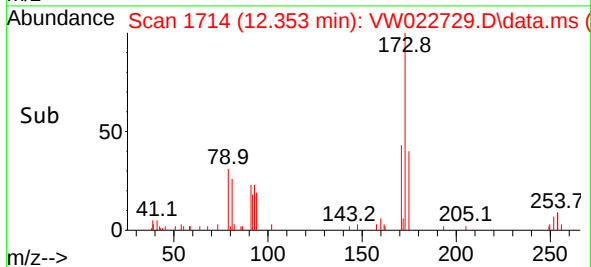
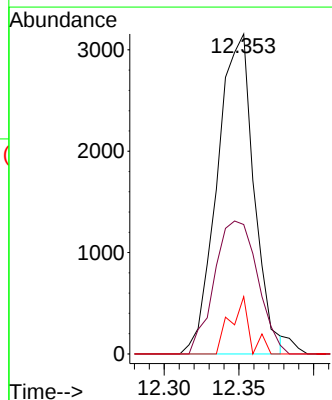
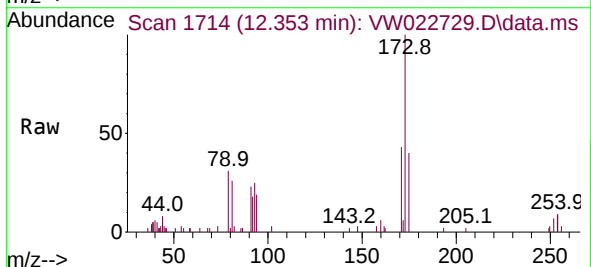
RT: 12.353 min Scan# 1714

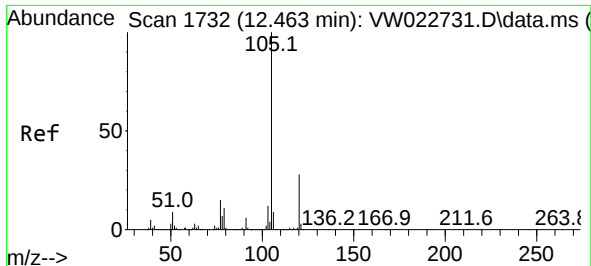
Delta R.T. 0.006 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

Tgt Ion: 173	Resp: 5384
Ion Ratio	Lower Upper
173	100
175	48.9 38.1 57.1
254	8.2 6.5 9.7

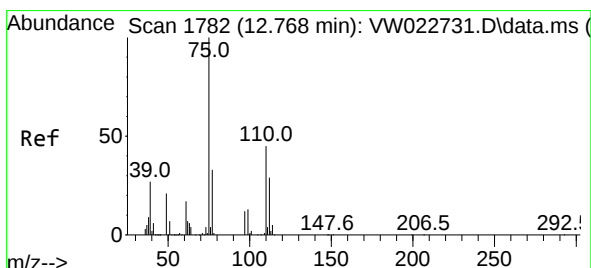
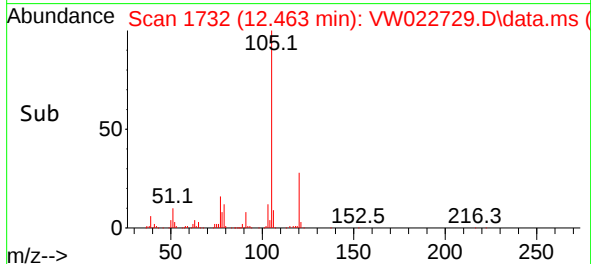
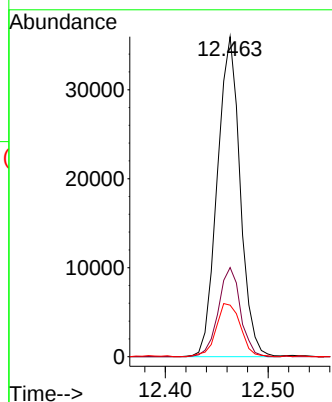
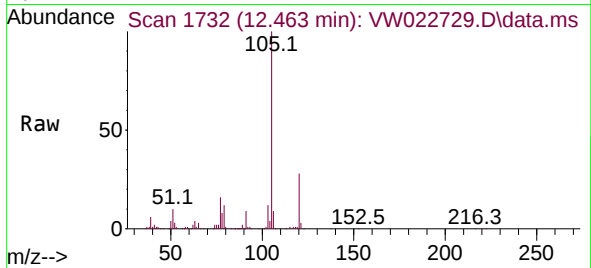




#60
Isopropylbenzene
Concen: 2.525 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

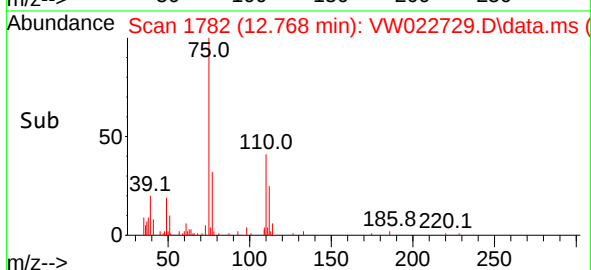
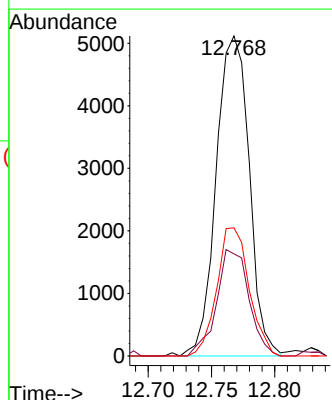
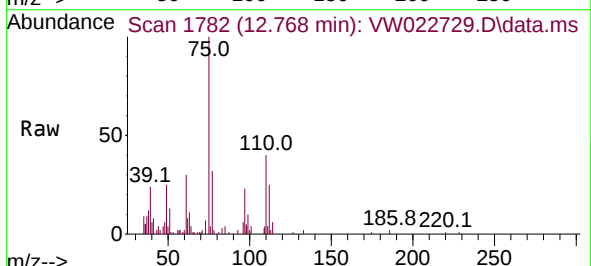
Instrument :
MSVOA_W
ClientSampleId :

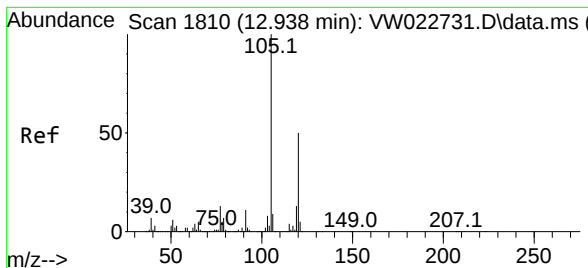
Tgt Ion:	105	Resp:	55474
Ion Ratio	Lower	Upper	
105	100		
120	26.9	21.3	31.9
77	17.7	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 2.894 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion:	75	Resp:	9272
Ion Ratio	Lower	Upper	
75	100		
77	32.7	26.2	39.2
110	39.3	34.1	51.1

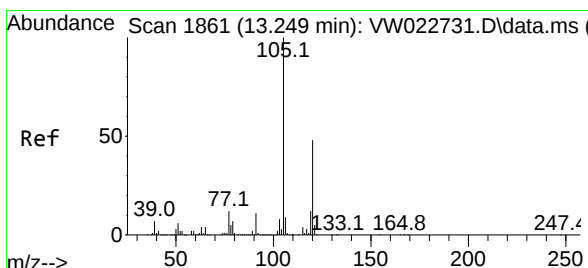
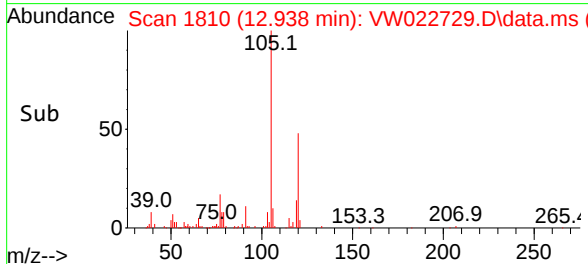
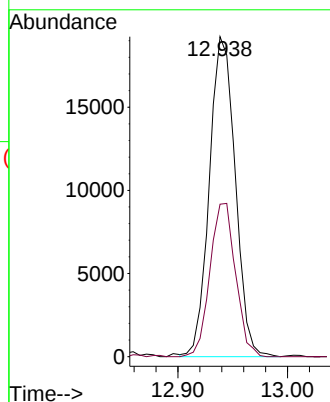
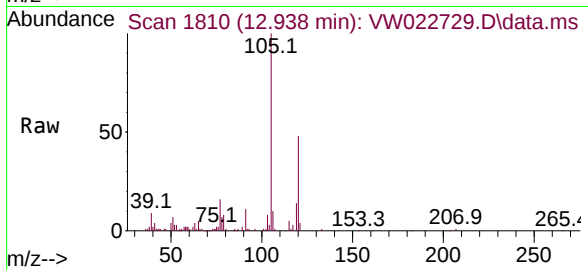




#62
1,3,5-Trimethylbenzene
Concen: 2.583 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

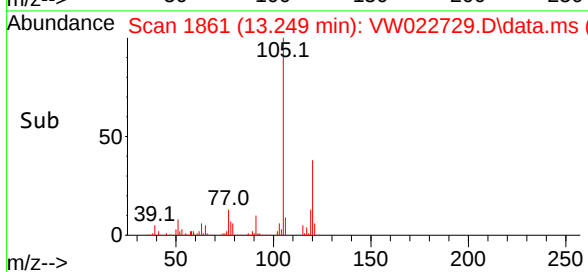
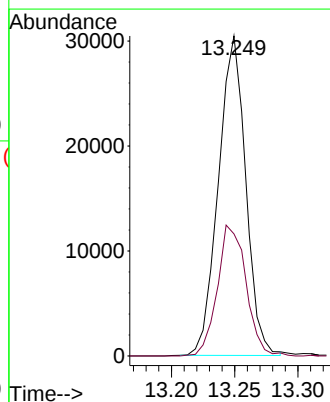
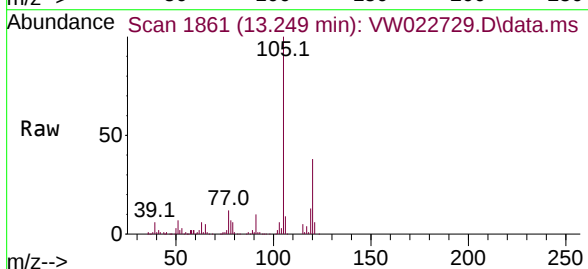
Instrument :
MSVOA_W
ClientSampleId :

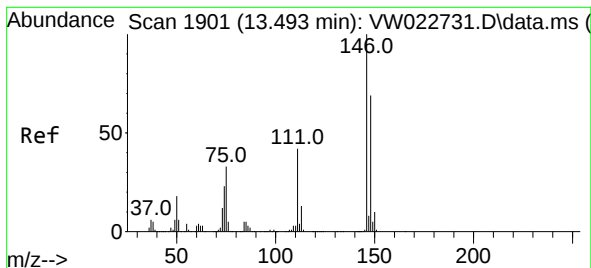
Tgt Ion:105 Resp: 31564
Ion Ratio Lower Upper
105 100
120 47.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 2.487 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion:105 Resp: 45645
Ion Ratio Lower Upper
105 100
120 43.0 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 2.659 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW022729.D

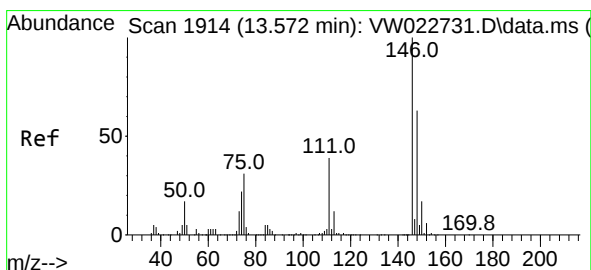
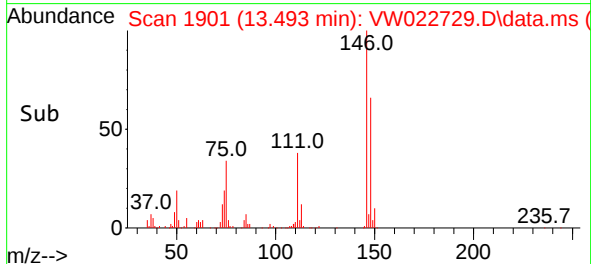
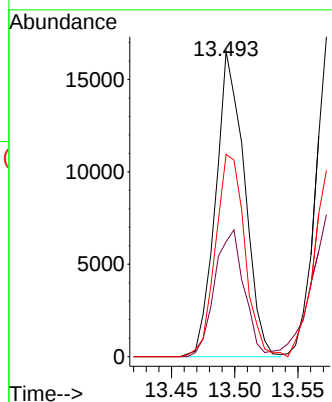
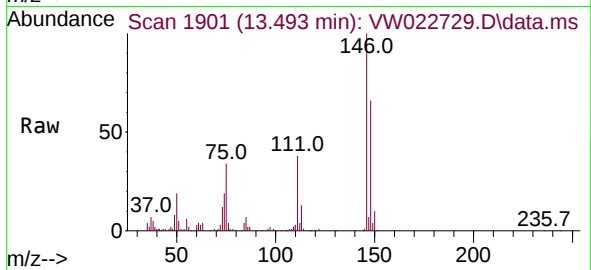
Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	26084
Ion	Ratio	Lower	Upper
146	100		
111	37.7	29.5	54.9
148	66.3	48.6	90.2



#65

1,4-Dichlorobenzene

Concen: 2.730 ug/L

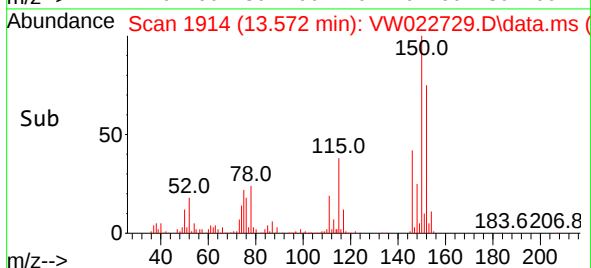
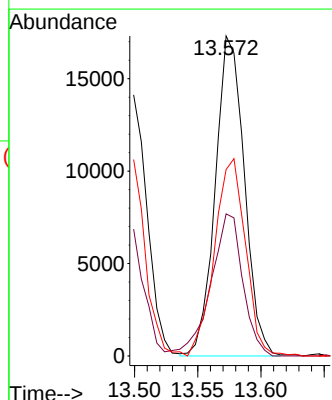
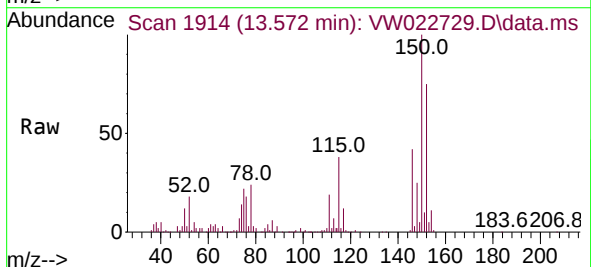
RT: 13.572 min Scan# 1914

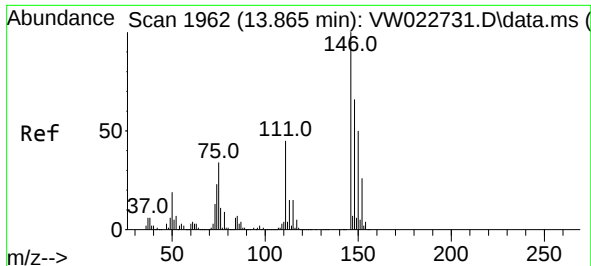
Delta R.T. 0.000 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

Tgt Ion:	146	Resp:	27659
Ion	Ratio	Lower	Upper
146	100		
111	44.4	27.2	50.4
148	58.2	44.0	81.6





#67

1,2-Dichlorobenzene

Concen: 2.632 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW022729.D

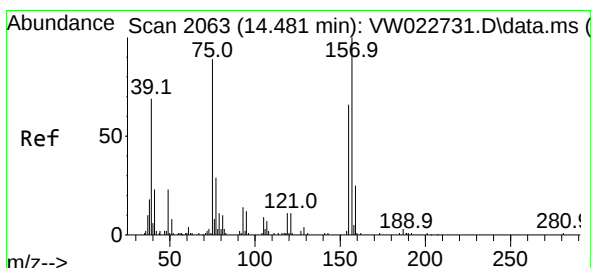
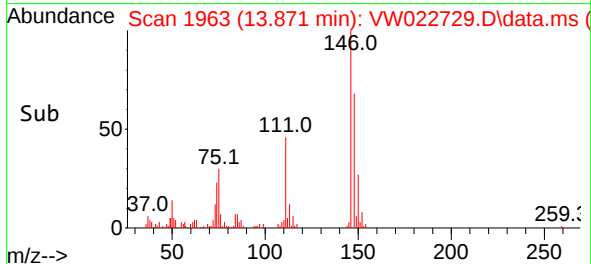
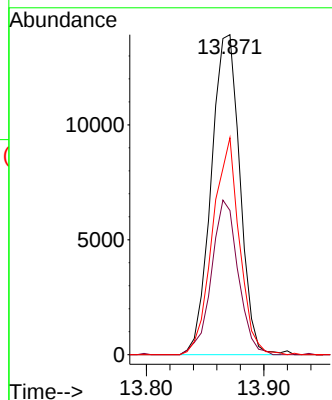
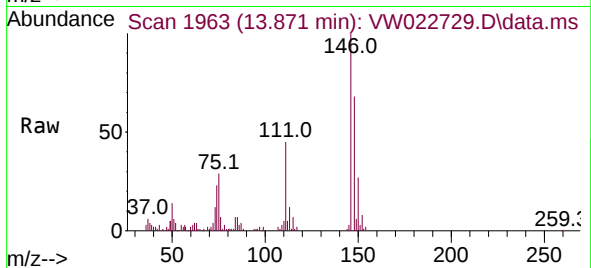
Acq: 02 May 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	23620
Ion	Ratio	Lower	Upper
146	100		
111	45.1	35.7	53.5
148	67.8	52.6	79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.866 ug/L

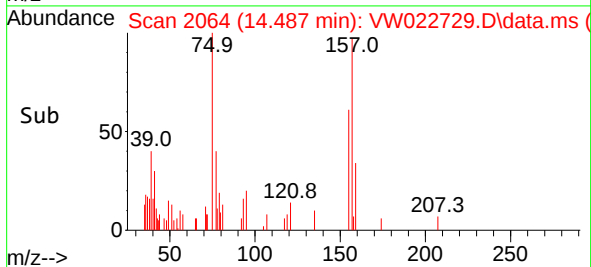
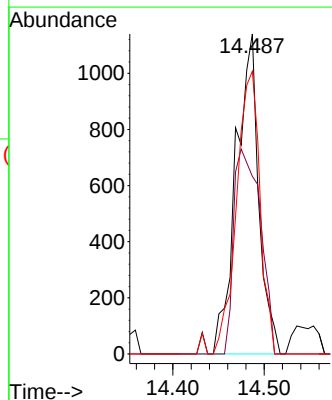
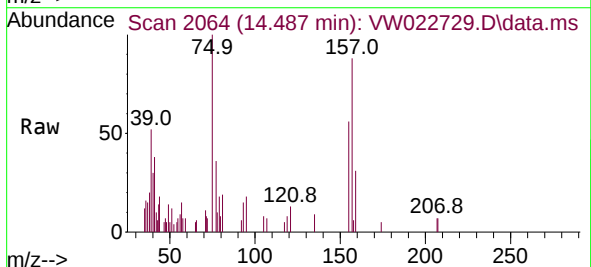
RT: 14.487 min Scan# 2064

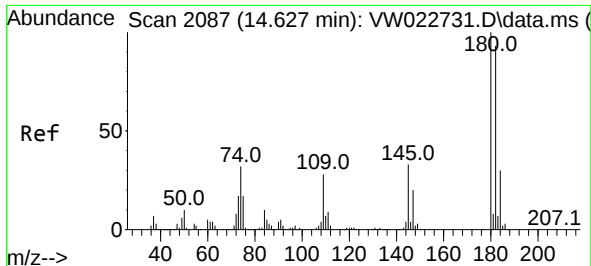
Delta R.T. 0.006 min

Lab File: VW022729.D

Acq: 02 May 2022 09:57

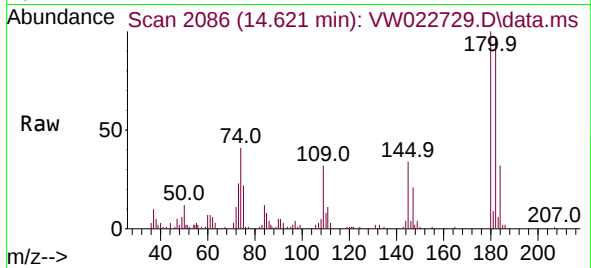
Tgt Ion:	75	Resp:	2007
Ion	Ratio	Lower	Upper
75	100		
155	55.5	59.3	88.9#
157	88.3	89.8	134.8#



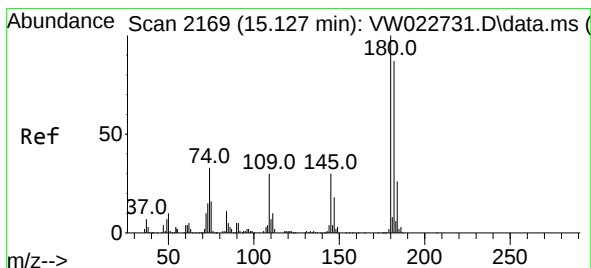
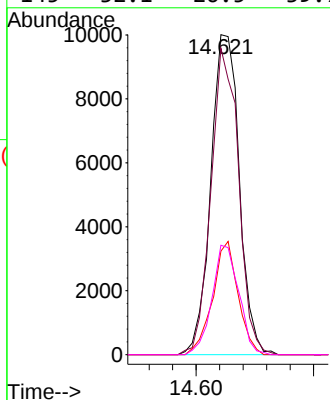
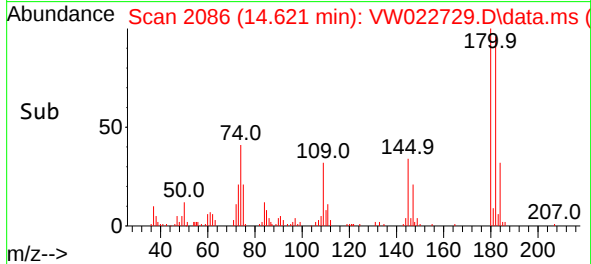


#69
1,3,5-Trichlorobenzene
Concen: 2.591 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

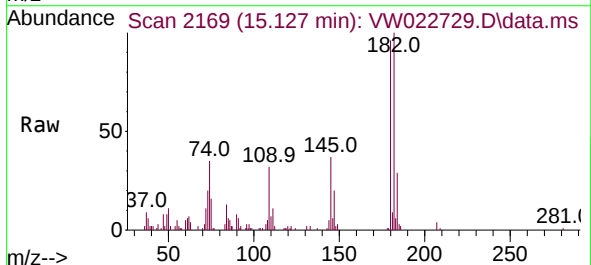
Instrument :
MSVOA_W
ClientSampleId :



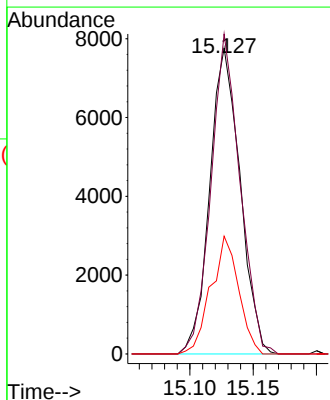
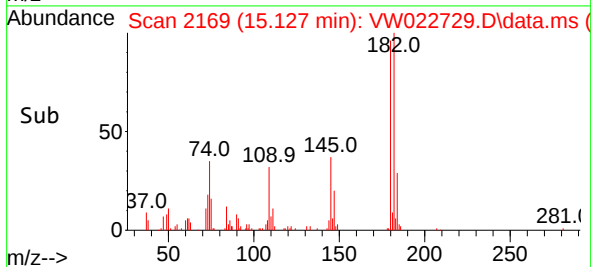
Tgt Ion:180 Resp: 16867
Ion Ratio Lower Upper
180 100
182 92.4 74.8 112.2
184 31.7 23.4 35.2
145 32.1 26.5 39.7

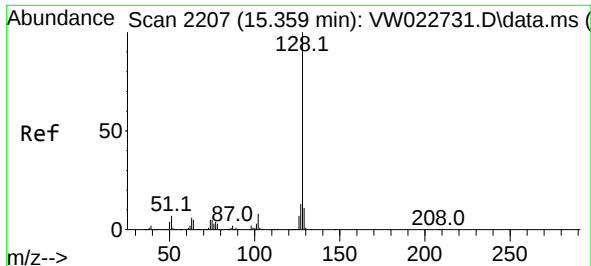


#70
1,2,4-trichlorobenzene
Concen: 2.472 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57



Tgt Ion:180 Resp: 12946
Ion Ratio Lower Upper
180 100
182 100.0 74.9 112.3
145 35.1 26.6 39.8

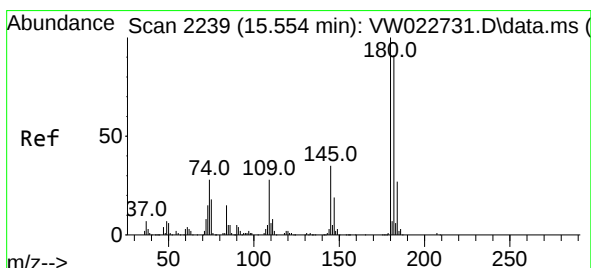
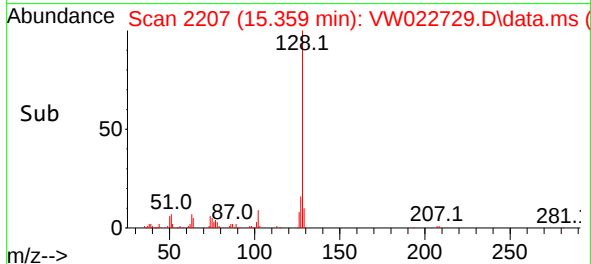
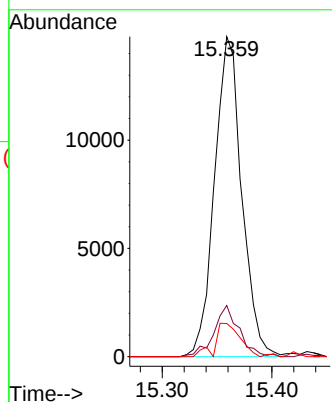
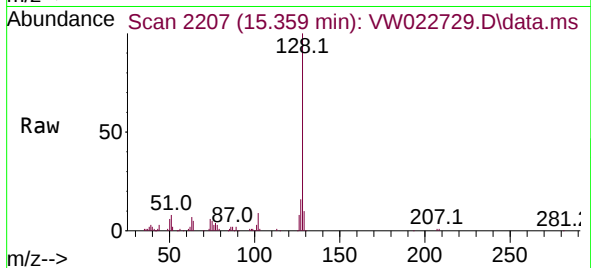




#71
Naphthalene
Concen: 2.243 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 25536
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 8.5 8.7 13.1#



#72
1,2,3-Trichlorobenzene
Concen: 2.553 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW022729.D
Acq: 02 May 2022 09:57

Tgt Ion:180 Resp: 11849
Ion Ratio Lower Upper
180 100
182 89.7 73.5 110.3
145 36.6 27.9 41.9

