

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023542.D
 Acq On : 30 Jun 2022 12:32
 Operator : SY/VA
 Sample : VSTD2.533
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 05:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	357476	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	325591	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	164009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	9469	1.855	ug/L	0.00
7) Chloroethane-d5	2.873	69	4376	1.245	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	13795	2.180	ug/L	0.00
21) 2-Butanone-d5	7.251	46	76	0.057	ug/L	0.17
24) Chloroform-d	7.653	84	24270	2.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13865	2.573	ug/L	0.00
32) Benzene-d6	8.275	84	43120	2.449	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	13731	2.638	ug/L	0.00
41) Toluene-d8	10.323	98	41715	2.436	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4947	2.146	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	4334	4.390	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12491	2.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	15100	2.524	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	2365	1.602	ug/L	98
3) Chloromethane	2.215	50	10093	2.360	ug/L	100
5) Vinyl chloride	2.355	62	11120	1.931	ug/L	88
6) Bromomethane	2.776	94	8866	2.334	ug/L	98
8) Chloroethane	2.922	64	4626	1.718	ug/L	100
9) Trichlorofluoromethane	3.251	101	8299	3.111	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	10735	2.486	ug/L	90
12) 1,1-Dichloroethene	4.038	96	7793	2.165	ug/L	97
13) Acetone	4.129	43	5048	5.972	ug/L	86
14) Carbon disulfide	4.385	76	17183	1.773	ug/L	99
16) Methylene chloride	4.916	84	17528	3.437	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	11074	2.443	ug/L	89
18) Methyl tert-butyl Ether	5.422	73	16101	2.422	ug/L #	82
19) 1,1-Dichloroethane	6.214	63	19887	2.487	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	11587	2.345	ug/L	97
22) 2-Butanone	7.177	43	8062	5.590	ug/L	99
23) Bromochloromethane	7.513	128	6214	2.541	ug/L #	88
25) Chloroform	7.677	83	22736	2.547	ug/L	100
27) 1,2-Dichloroethane	8.397	62	14817	2.510	ug/L #	92
29) Cyclohexane	7.952	56	8881	1.443	ug/L #	58
30) 1,1,1-Trichloroethane	7.872	97	18973	2.687	ug/L	97
31) Carbon tetrachloride	8.067	117	16900	2.647	ug/L	97
33) Benzene	8.323	78	48714	2.659	ug/L	100
34) Trichloroethene	9.092	95	13302	2.710	ug/L	89
35) Methylcyclohexane	9.336	83	18669	2.418	ug/L	99
37) 1,2-Dichloropropane	9.372	63	11707	2.642	ug/L #	91
38) Bromodichloromethane	9.640	83	16162	2.548	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	15914	2.320	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	14014	4.826	ug/L	96
42) Toluene	10.384	91	48453	2.392	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	14814	2.336	ug/L	92
45) 1,1,2-Trichloroethane	10.786	97	9693	2.573	ug/L	93

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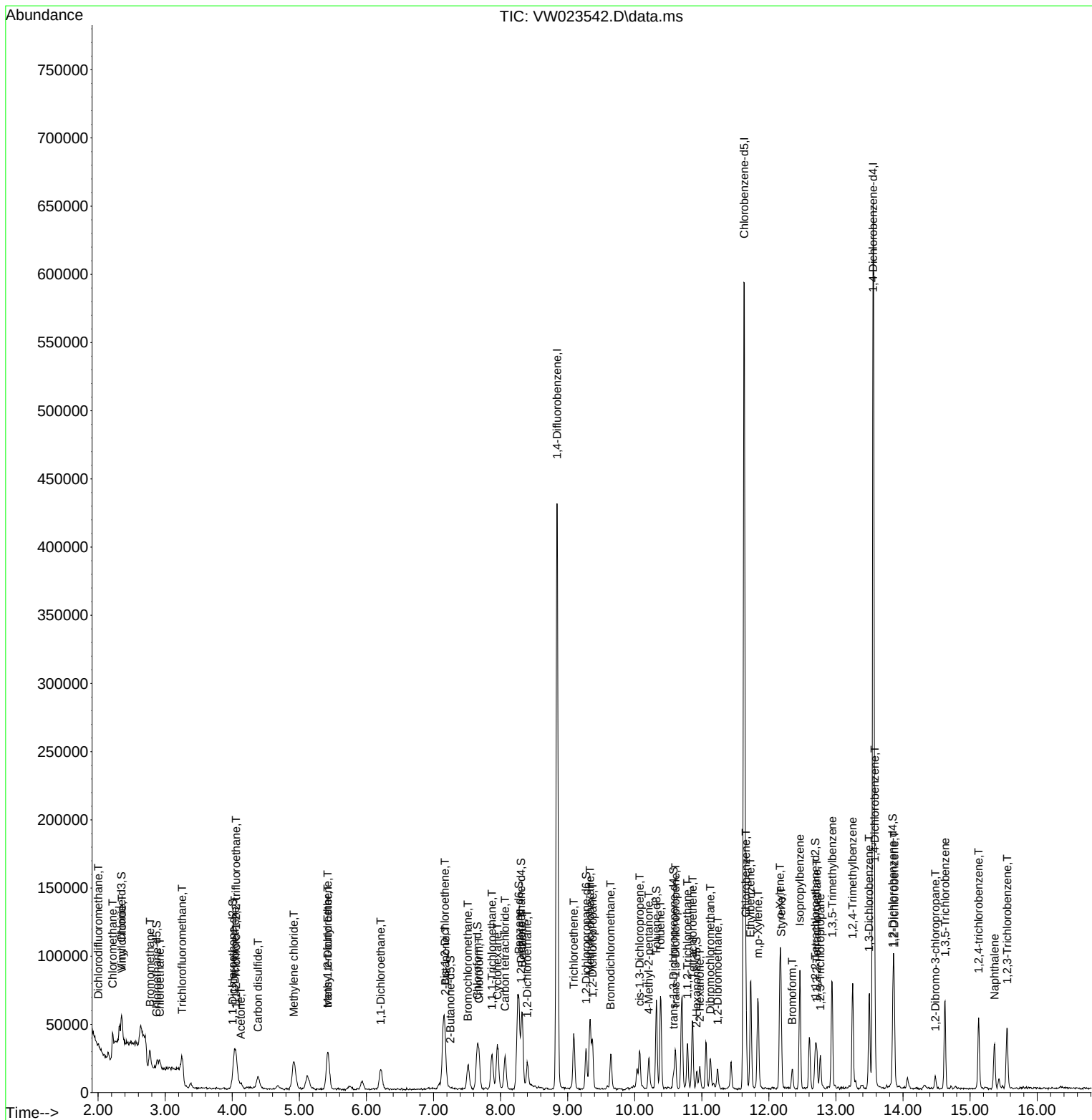
Instrument :
 MSVOA_W
 ClientSampleId :

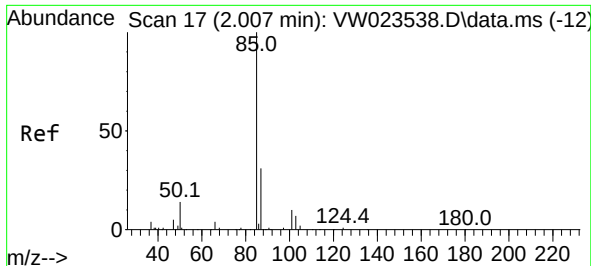
Quant Time: Jul 01 05:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.866	164	10002	2.534	ug/L	86
48) 2-Hexanone	10.969	43	9113	4.569	ug/L	99
49) Dibromochloromethane	11.128	129	11241	2.442	ug/L	98
50) 1,2-Dibromoethane	11.238	107	9463	2.521	ug/L #	84
51) Chlorobenzene	11.658	112	35381	2.552	ug/L	98
52) Ethylbenzene	11.725	91	54427	2.408	ug/L	99
53) m,p-Xylene	11.841	106	20564	2.314	ug/L	94
54) o-Xylene	12.164	106	18754	2.235	ug/L	85
55) Styrene	12.183	104	31685	2.160	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	12527	2.585	ug/L #	85
59) Bromoform	12.347	173	5602	2.302	ug/L	94
60) Isopropylbenzene	12.463	105	50744	2.345	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8992	2.722	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	40326	2.243	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	40027	2.219	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	25919	2.493	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	27933	2.649	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	23095	2.451	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	2168	2.870	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	18276	2.632	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	13479	2.406	ug/L	98
71) Naphthalene	15.365	128	26402	2.271	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	13521	2.644	ug/L	99

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

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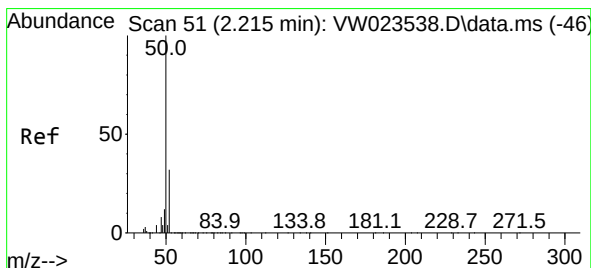
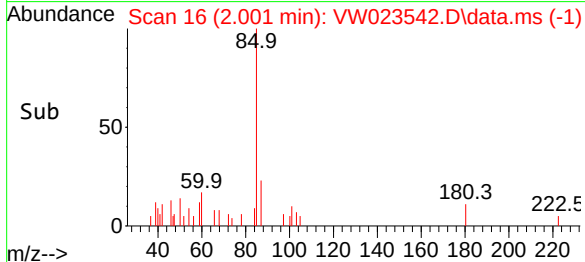
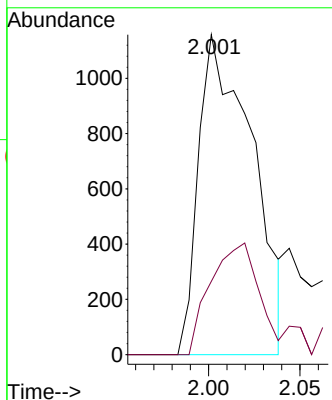
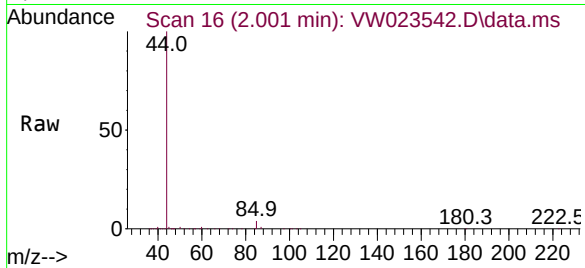




#2
 Dichlorodifluoromethane
 Concen: 1.602 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

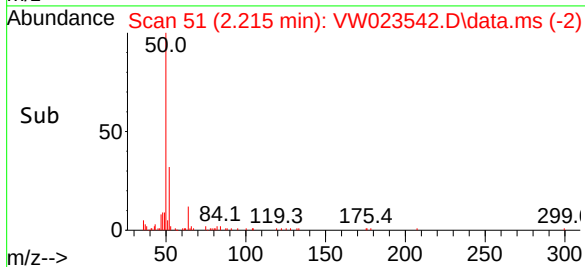
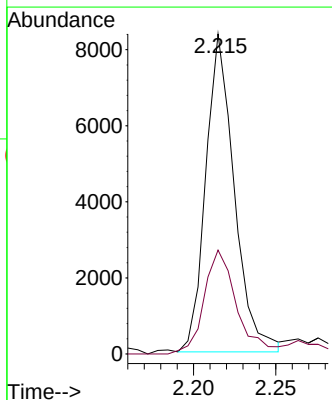
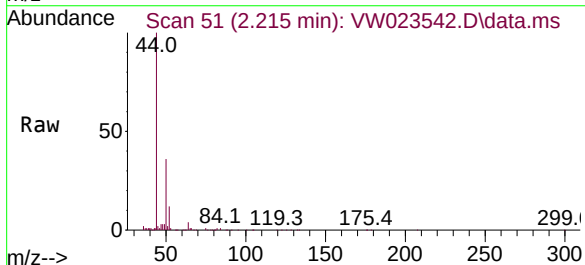
Instrument :
 MSVOA_W
 ClientSampleId :

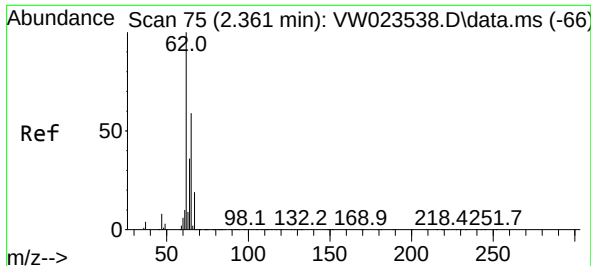
Tgt Ion: 85 Resp: 2365
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.0 39.0



#3
 Chloromethane
 Concen: 2.360 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

Tgt Ion: 50 Resp: 10093
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.9

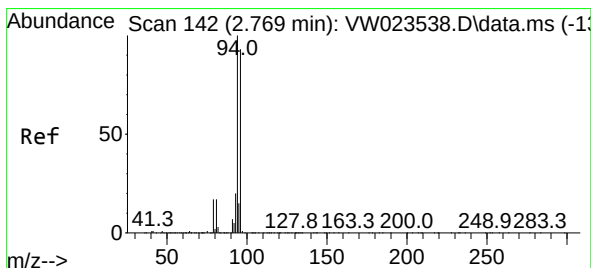
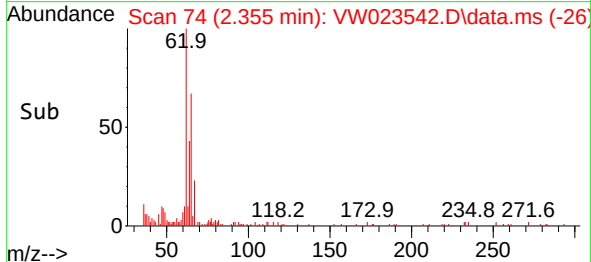
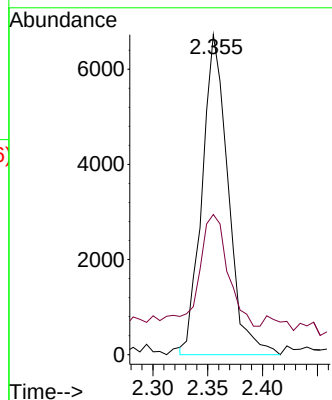
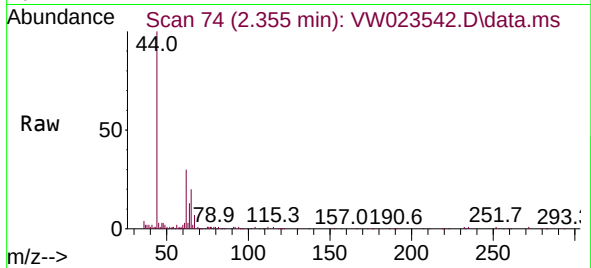




#5
 Vinyl chloride
 Concen: 1.931 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

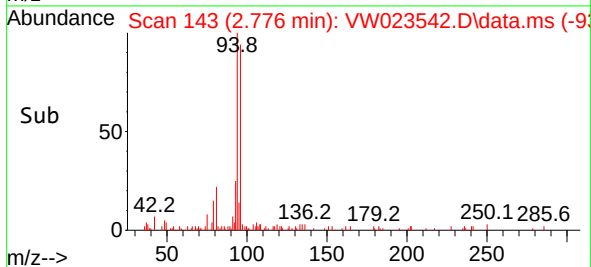
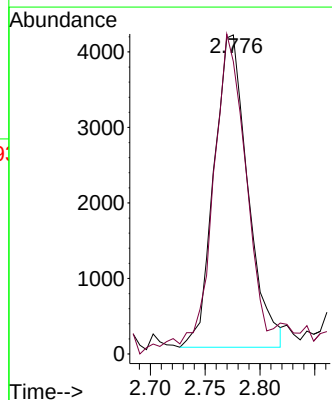
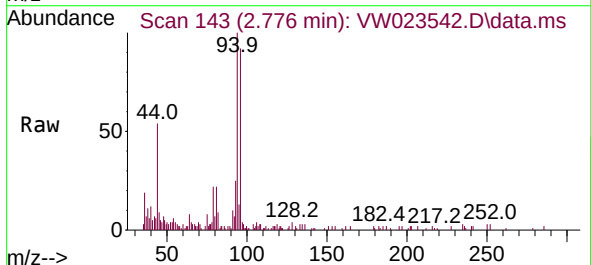
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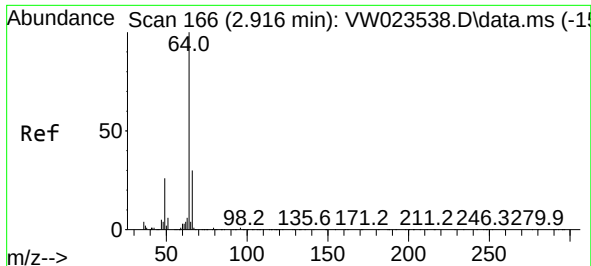
Tgt Ion: 62 Resp: 11120
 Ion Ratio Lower Upper
 62 100
 64 43.8 25.8 47.8



#6
 Bromomethane
 Concen: 2.334 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

Tgt Ion: 94 Resp: 8866
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.6 121.8

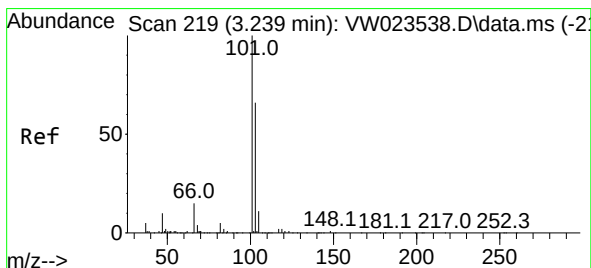
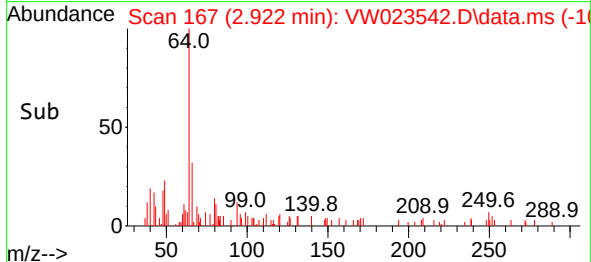
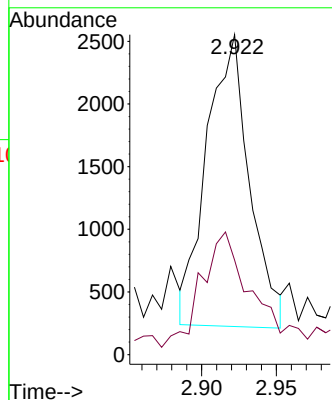
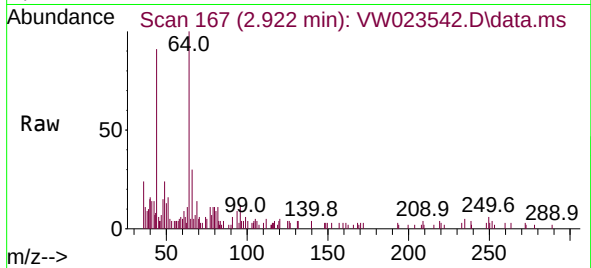




#8
Chloroethane
Concen: 1.718 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

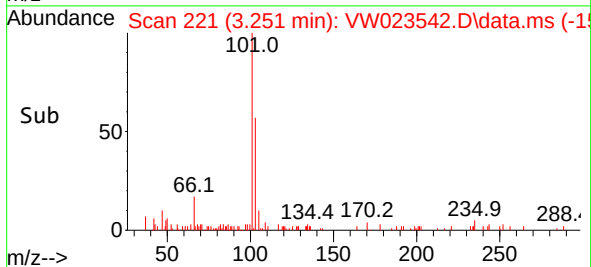
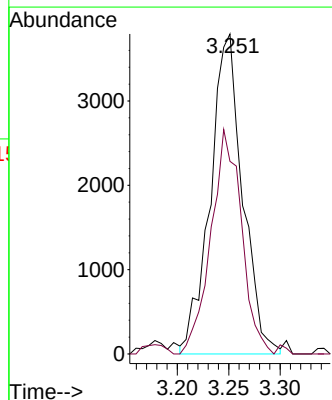
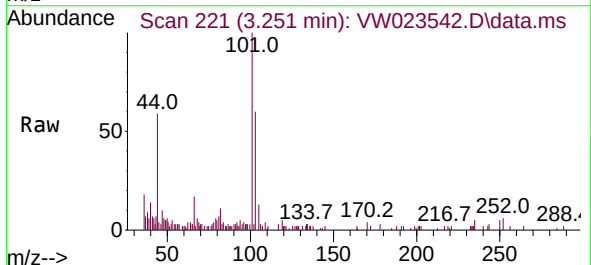
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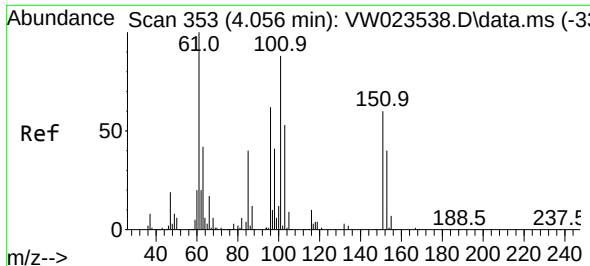
Tgt Ion: 64 Resp: 4626
Ion Ratio Lower Upper
64 100
66 29.5 20.6 38.2



#9
Trichlorofluoromethane
Concen: 3.111 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.012 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 101 Resp: 8299
Ion Ratio Lower Upper
101 100
103 66.1 53.2 79.8

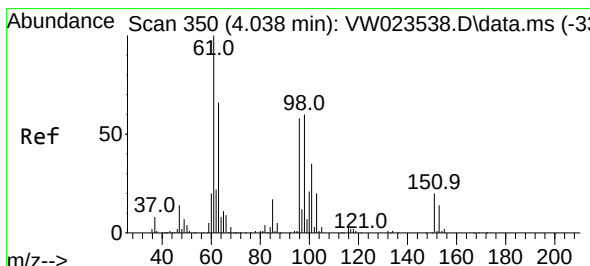
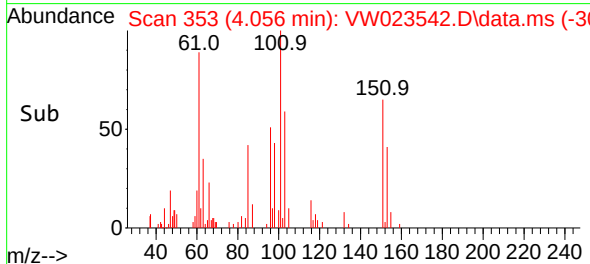
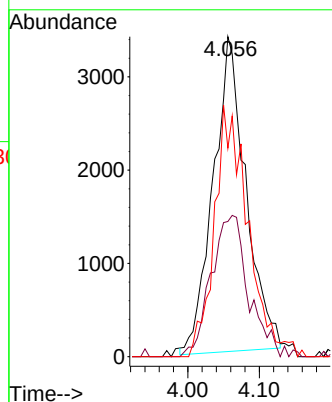
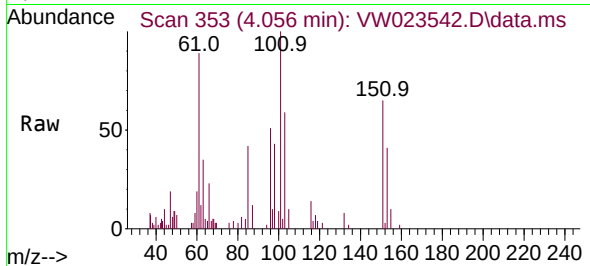




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.486 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

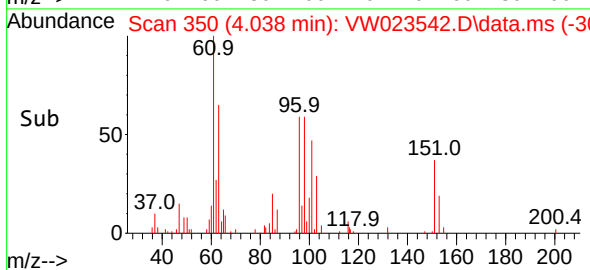
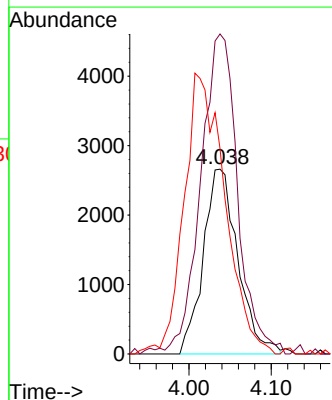
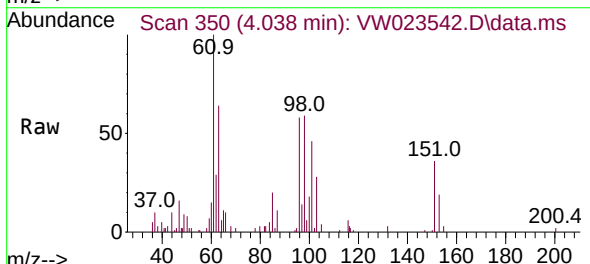
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 ClientSampleId :

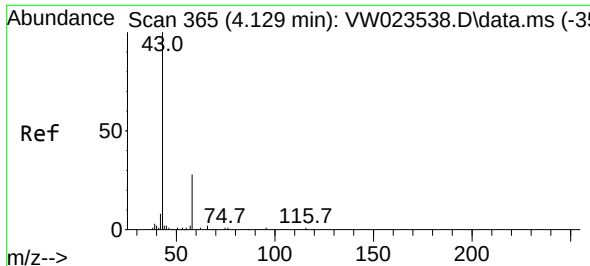
Tgt Ion:	101	Resp:	10735
Ion	Ratio	Lower	Upper
101	100		
85	44.2	37.0	55.4
151	79.7	54.6	81.8



#12
 1,1-Dichloroethene
 Concen: 2.165 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

Tgt Ion:	96	Resp:	7793
Ion	Ratio	Lower	Upper
96	100		
61	173.1	122.0	226.6
63	110.9	83.0	154.2

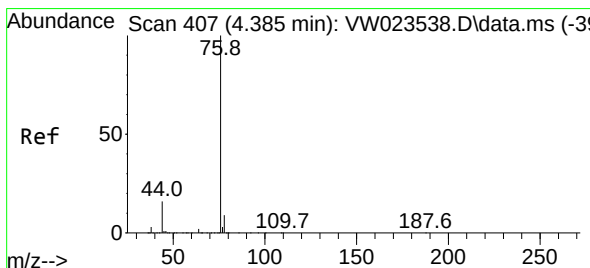
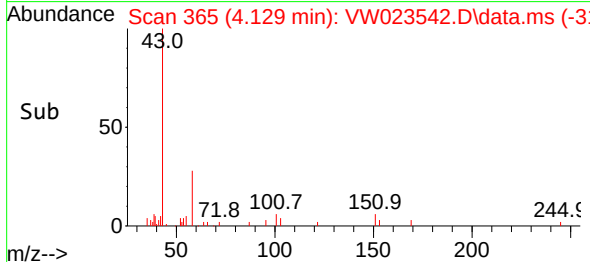
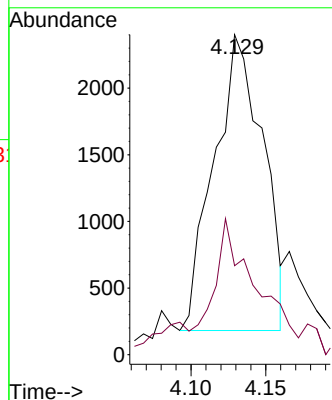
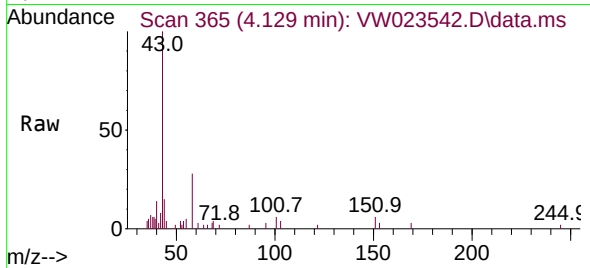




#13
Acetone
Concen: 5.972 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

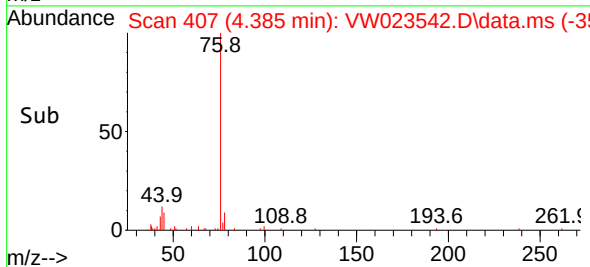
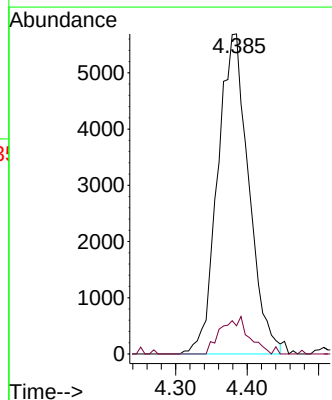
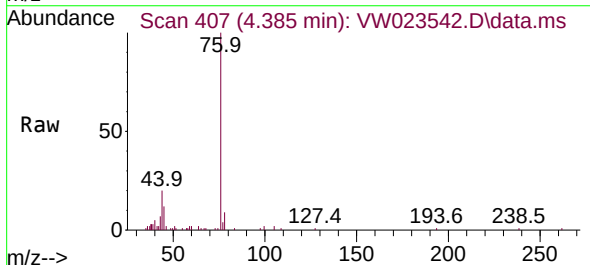
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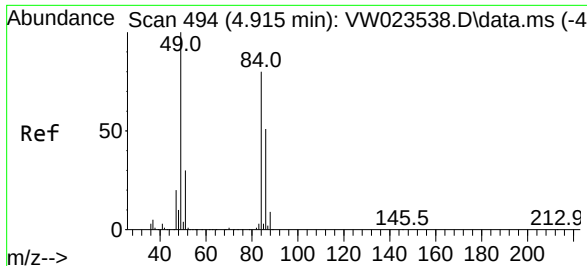
Tgt Ion: 43 Resp: 5048
Ion Ratio Lower Upper
43 100
58 38.5 0.0 61.2



#14
Carbon disulfide
Concen: 1.773 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

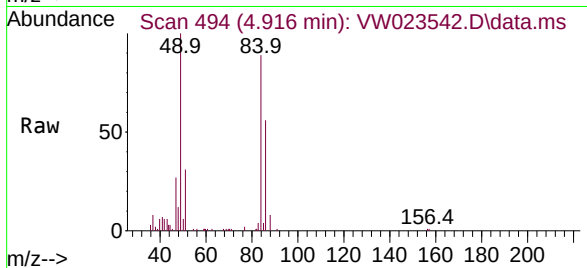
Tgt Ion: 76 Resp: 17183
Ion Ratio Lower Upper
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78 8.8 6.8 10.2



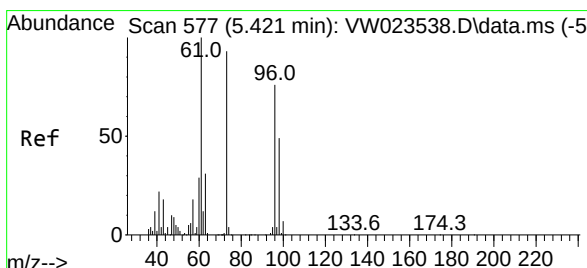
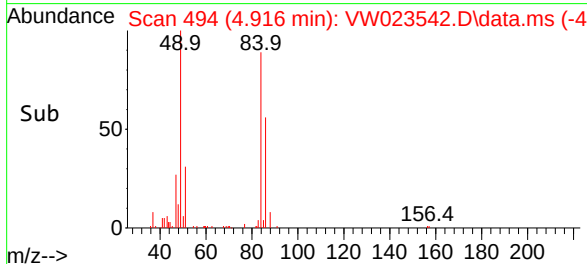
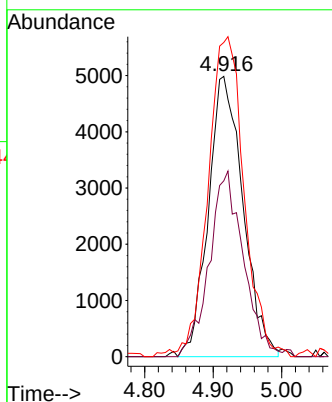


#16
Methylene chloride
Concen: 3.437 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Instrument :
MSVOA_W
ClientSampleId :

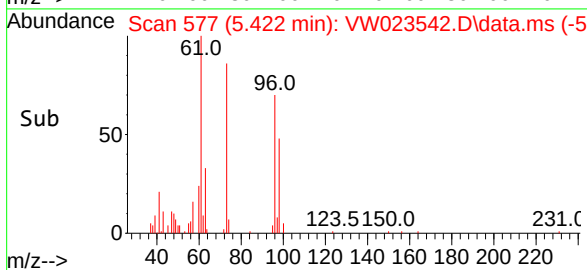
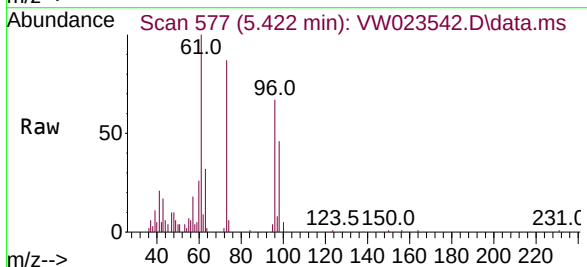
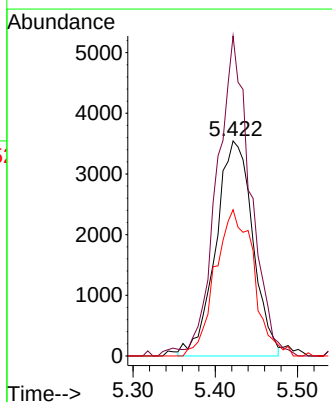


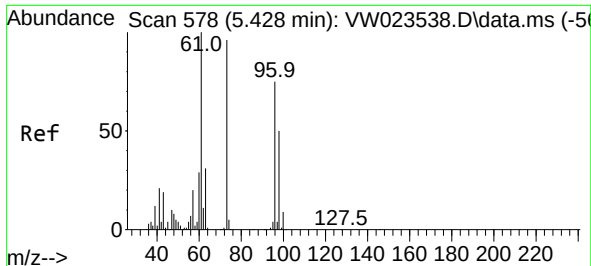
Tgt Ion: 84 Resp: 17528
Ion Ratio Lower Upper
84 100
86 62.7 44.9 83.3
49 112.1 87.6 162.6



#17
trans-1,2-Dichloroethene
Concen: 2.443 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 96 Resp: 11074
Ion Ratio Lower Upper
96 100
61 148.8 92.3 171.5
98 68.0 45.5 84.5

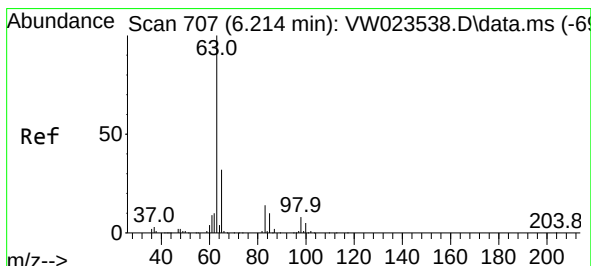
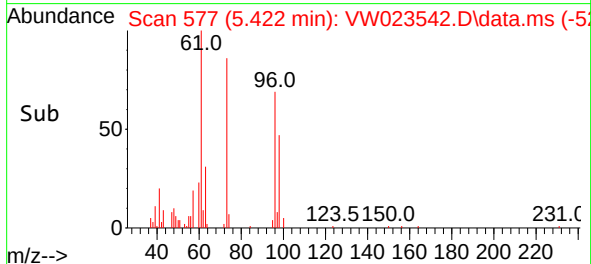
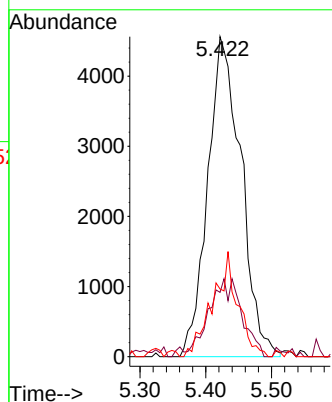
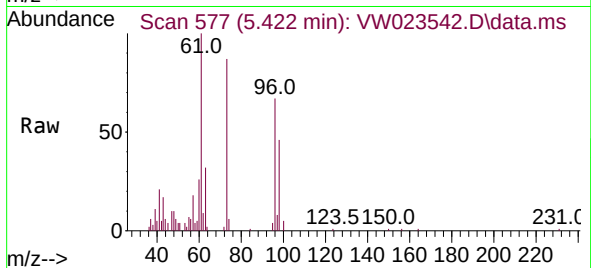




#18
Methyl tert-butyl Ether
Concen: 2.422 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

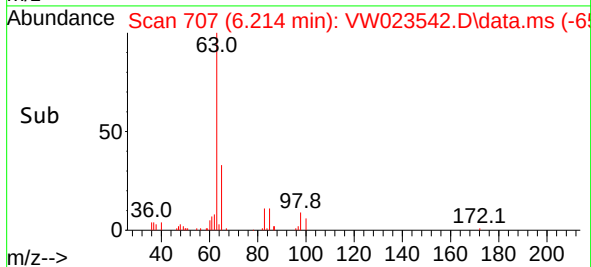
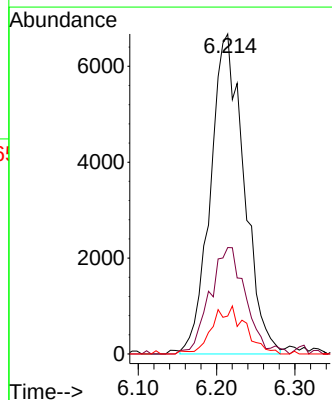
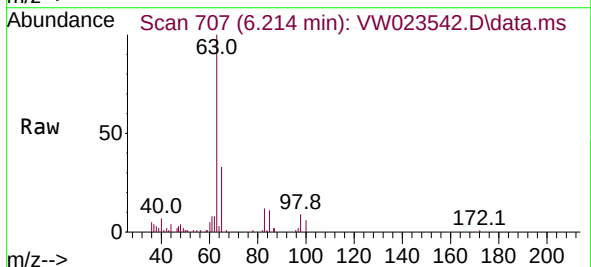
Instrument :
MSVOA_W
ClientSampleId :

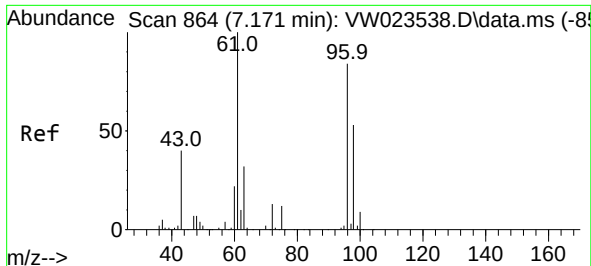
Tgt Ion: 73 Resp: 16101
Ion Ratio Lower Upper
73 100
43 12.7 16.2 24.2#
57 11.9 16.9 25.3#



#19
1,1-Dichloroethane
Concen: 2.487 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

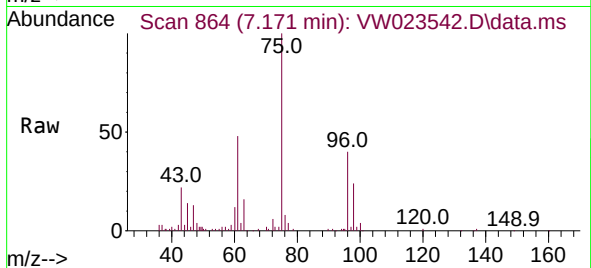
Tgt Ion: 63 Resp: 19887
Ion Ratio Lower Upper
63 100
65 33.3 22.3 41.3
83 11.9 9.8 18.2





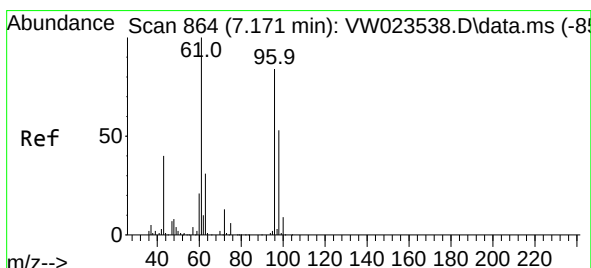
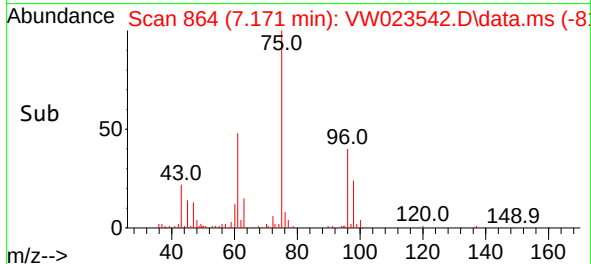
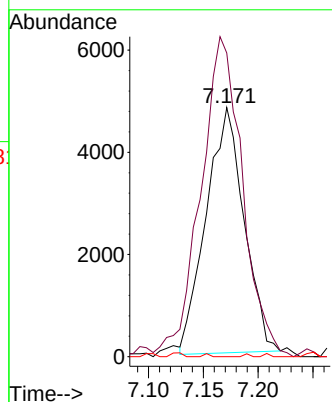
#20
 cis-1,2-Dichloroethene
 Concen: 2.345 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 11587

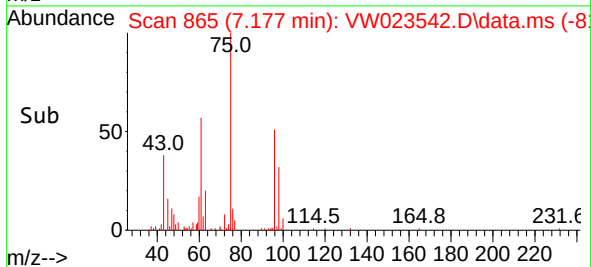
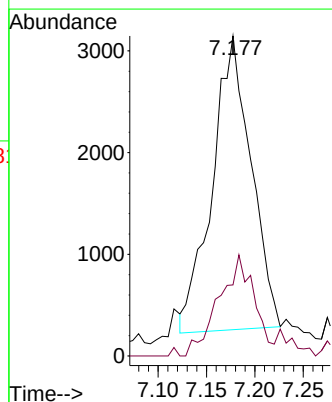
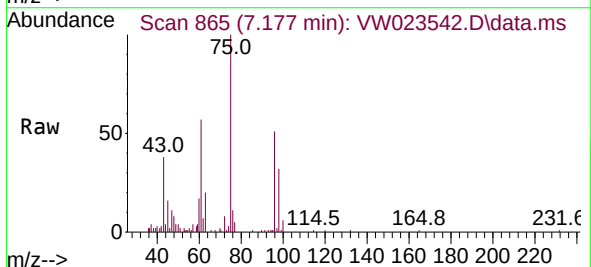
Ion	Ratio	Lower	Upper
96	100		
61	121.9	83.2	154.6
68	0.0	0.0	0.0

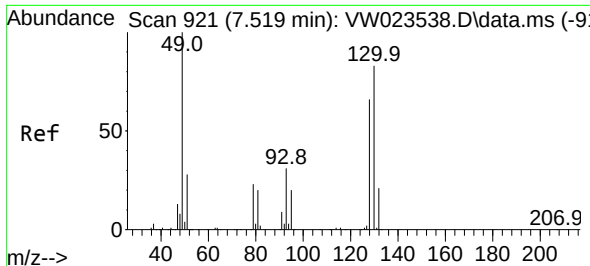


#22
 2-Butanone
 Concen: 5.590 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

Tgt Ion: 43 Resp: 8062

Ion	Ratio	Lower	Upper
43	100		
72	30.1	15.4	46.1

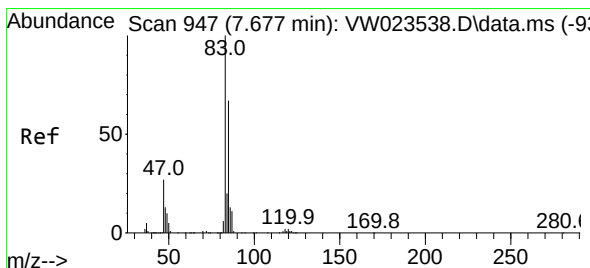
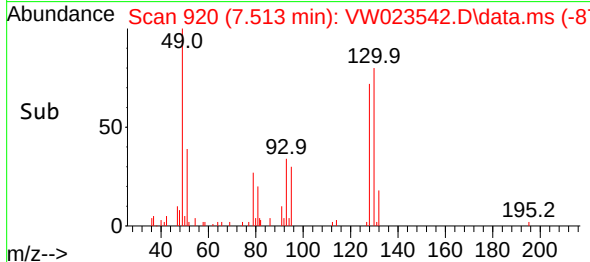
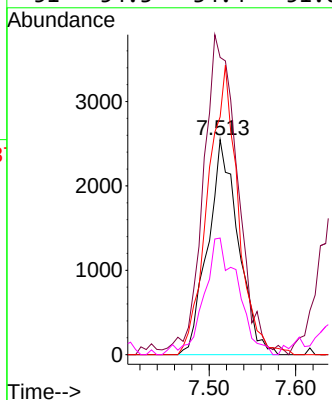
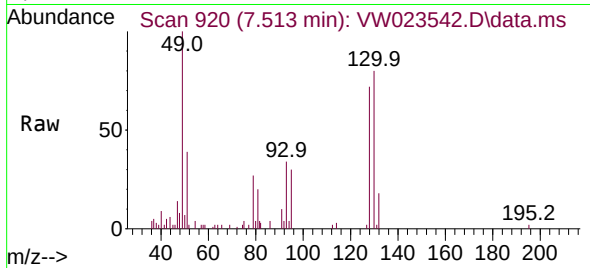




#23
Bromochloromethane
Concen: 2.541 ug/L
RT: 7.513 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

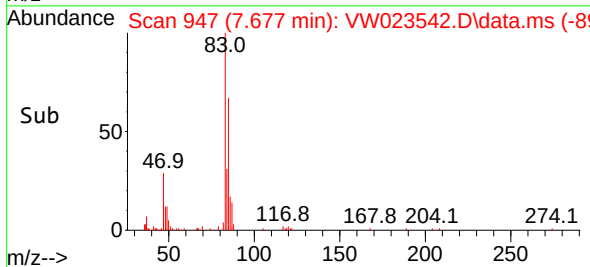
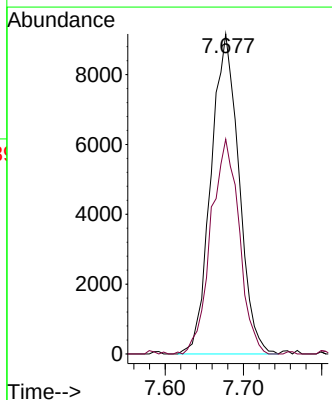
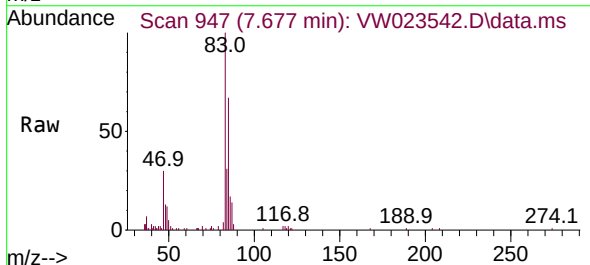
Instrument :
MSVOA_W
ClientSampleId :

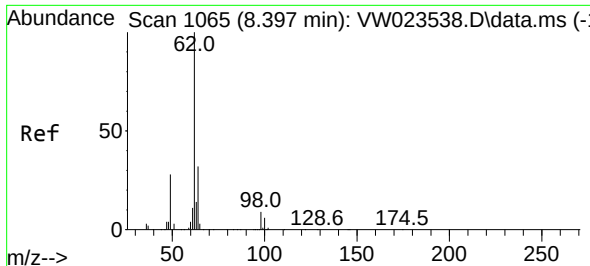
Tgt Ion:128 Resp: 6214
Ion Ratio Lower Upper
128 100
49 138.2 105.8 196.6
130 110.6 87.6 162.8
51 54.3 34.4 51.6#



#25
Chloroform
Concen: 2.547 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 83 Resp: 22736
Ion Ratio Lower Upper
83 100
85 67.1 47.0 87.4





#27

1,2-Dichloroethane

Concen: 2.510 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

Instrument :

MSVOA_W

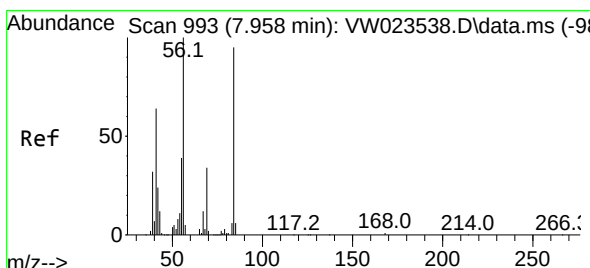
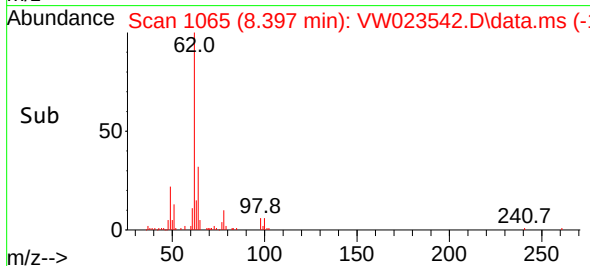
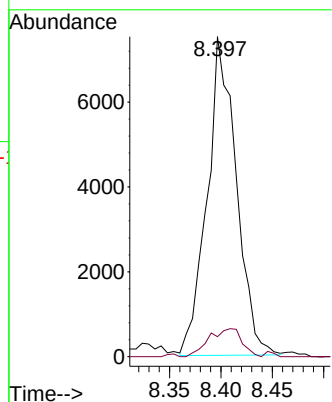
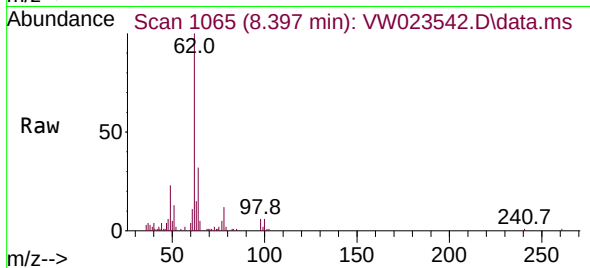
ClientSampleId :

Tgt Ion: 62 Resp: 14817

Ion Ratio Lower Upper

62 100

98 6.3 7.4 11.0#



#29

Cyclohexane

Concen: 1.443 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

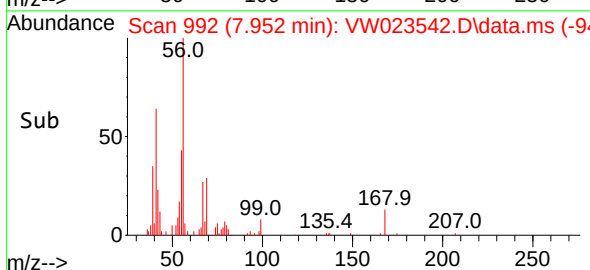
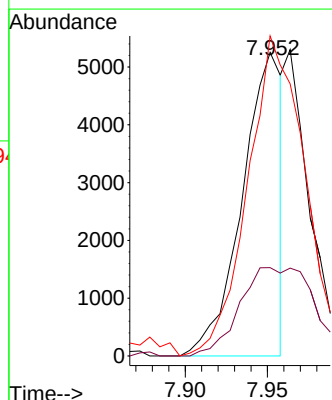
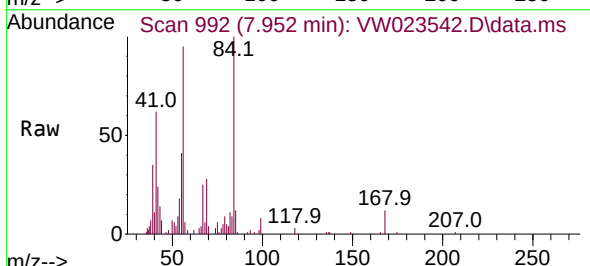
Tgt Ion: 56 Resp: 8881

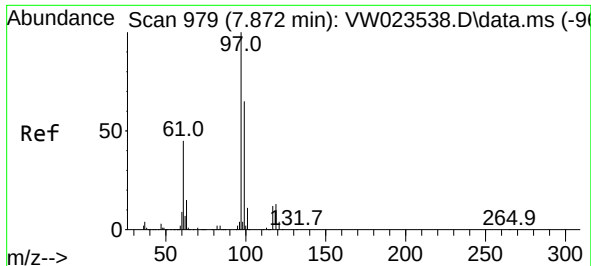
Ion Ratio Lower Upper

56 100

69 31.3 25.6 38.4

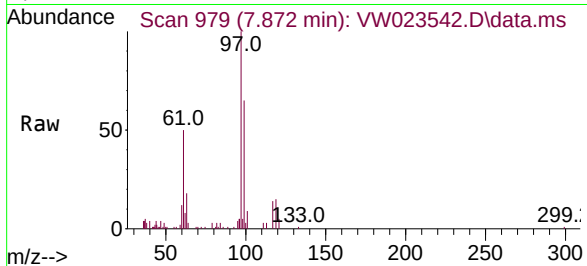
84 150.6 77.0 115.6#





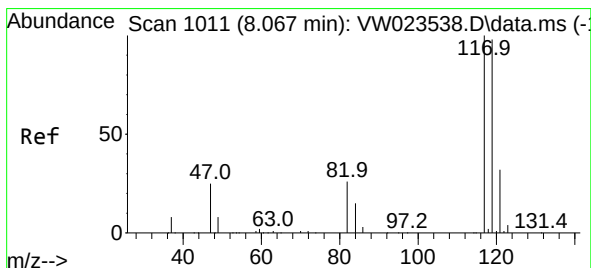
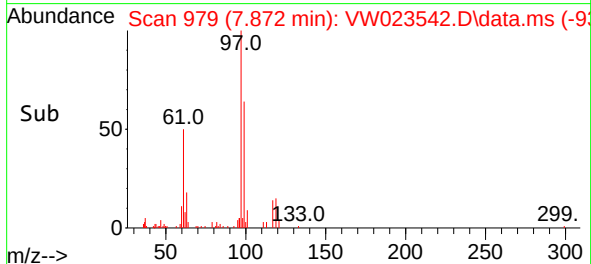
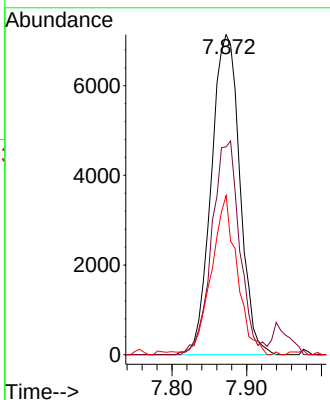
#30
1,1,1-Trichloroethane
Concen: 2.687 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 18973

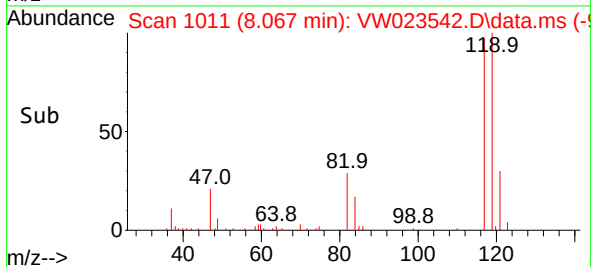
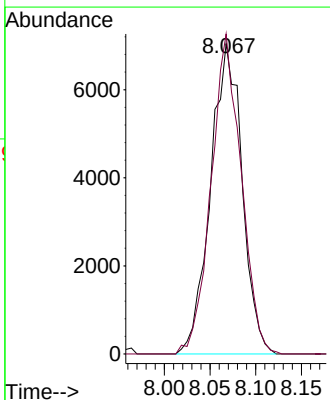
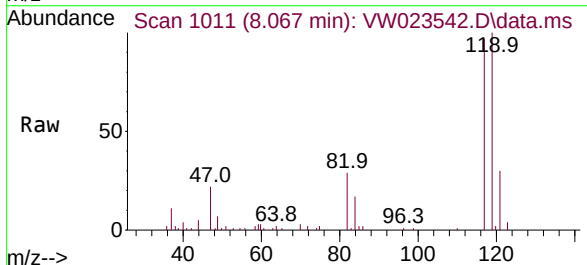
Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.8	76.2
61	42.1	35.8	53.8

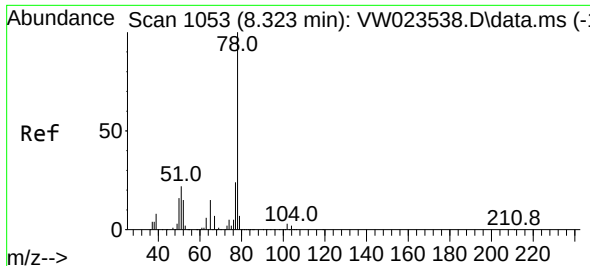


#31
Carbon tetrachloride
Concen: 2.647 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 117 Resp: 16900

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.7	115.1

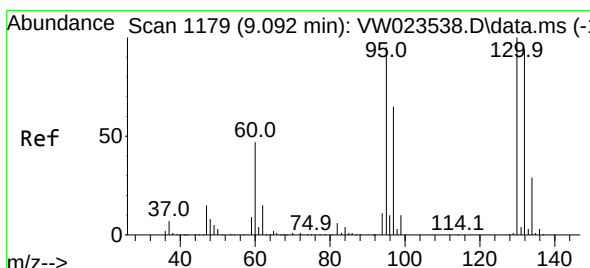
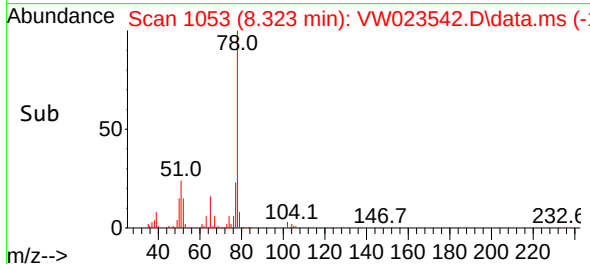
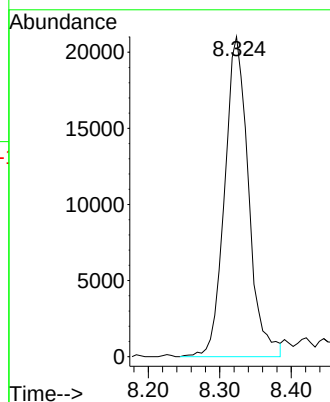
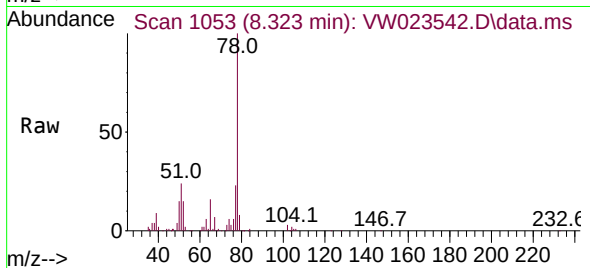




#33
Benzene
Concen: 2.659 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Instrument :
MSVOA_W
ClientSampleId :

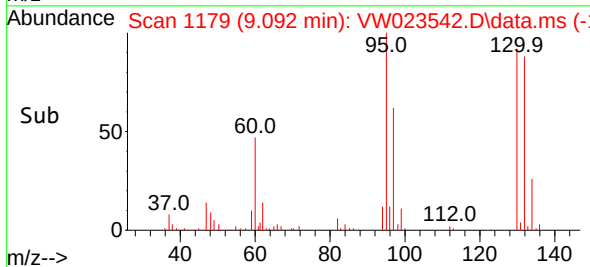
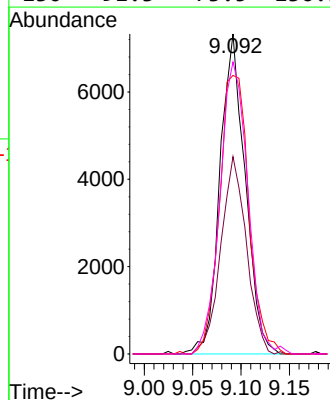
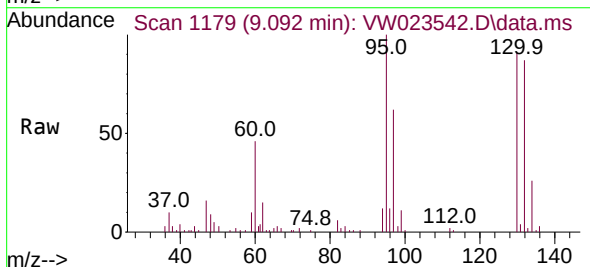
Tgt Ion: 78 Resp: 48714

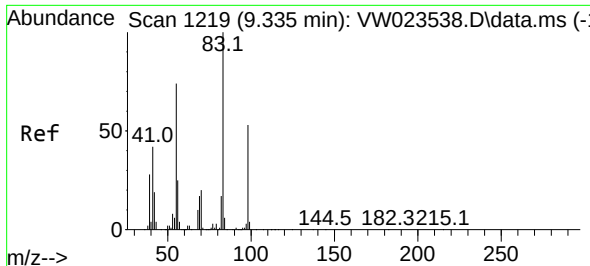


#34
Trichloroethene
Concen: 2.710 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 95 Resp: 13302

Ion	Ratio	Lower	Upper
95	100		
97	61.6	47.5	88.1
132	87.0	68.9	127.9
130	91.3	73.5	136.5

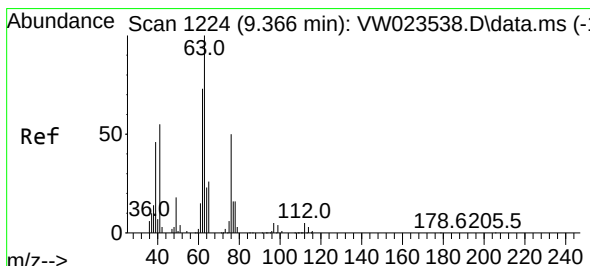
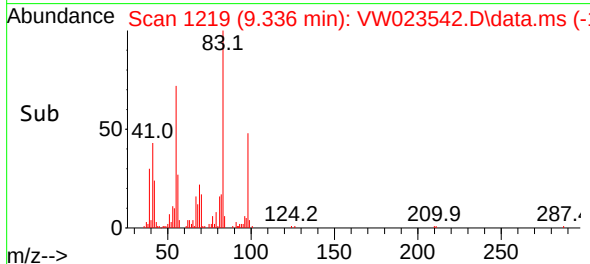
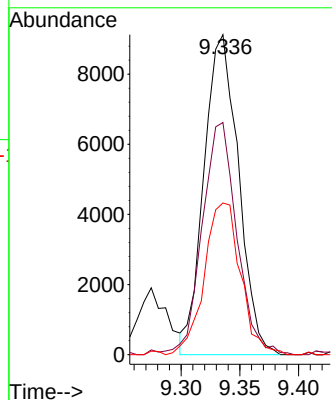
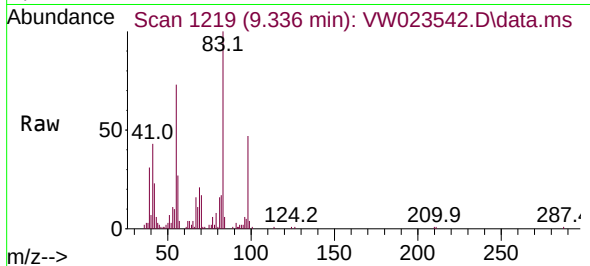




#35
Methylcyclohexane
Concen: 2.418 ug/L
RT: 9.336 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

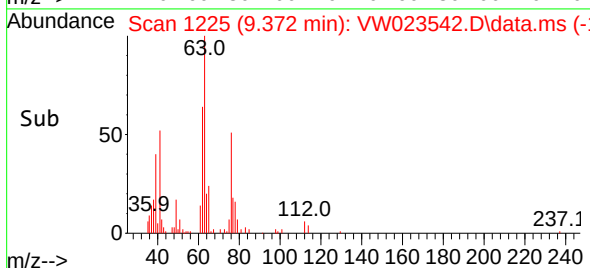
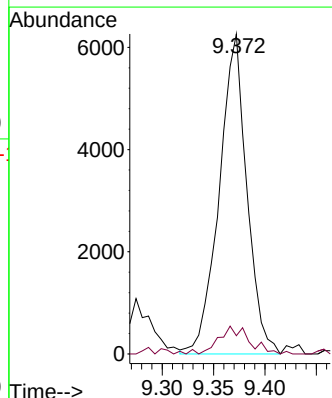
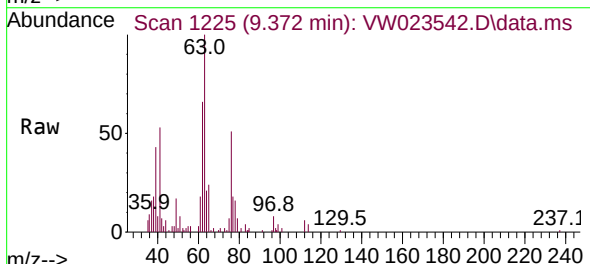
Instrument :
MSVOA_W
ClientSampleId :

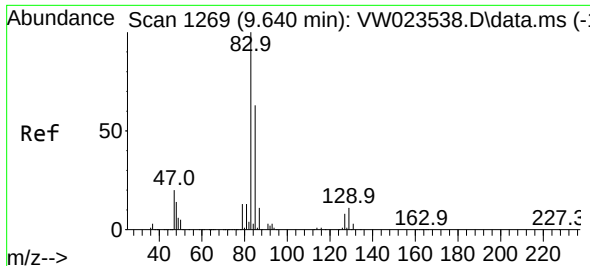
Tgt Ion: 83 Resp: 18669
Ion Ratio Lower Upper
83 100
55 72.6 57.0 85.6
98 49.7 40.2 60.4



#37
1,2-Dichloropropane
Concen: 2.642 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

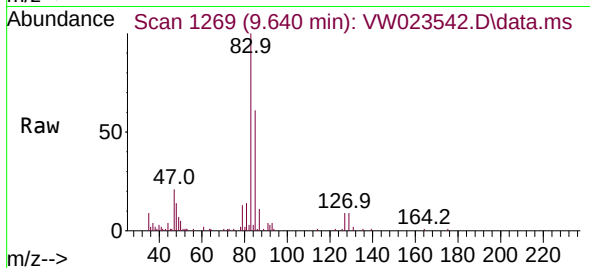
Tgt Ion: 63 Resp: 11707
Ion Ratio Lower Upper
63 100
112 8.1 4.1 6.1#



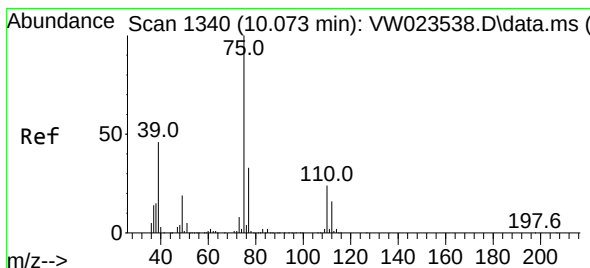
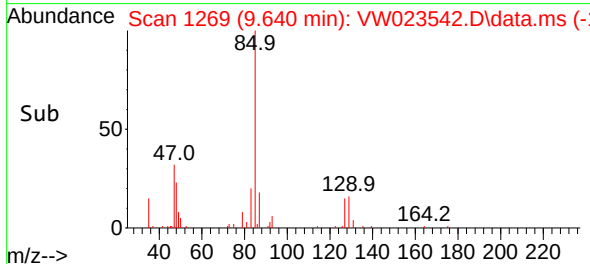
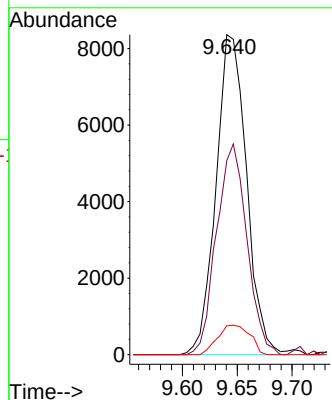


#38
Bromodichloromethane
Concen: 2.548 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Instrument :
MSVOA_W
ClientSampleId :

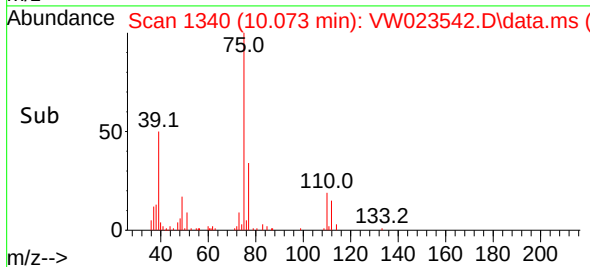
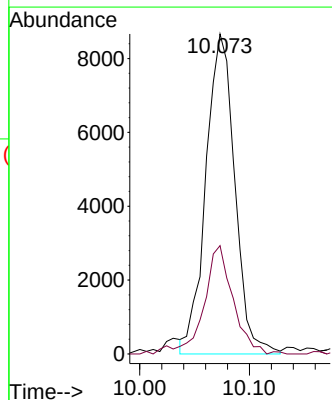
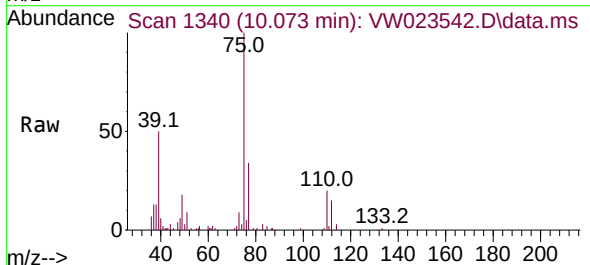


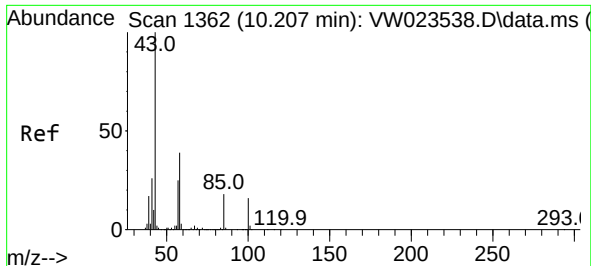
Tgt Ion: 83 Resp: 16162
Ion Ratio Lower Upper
83 100
85 60.6 44.2 82.0
127 9.0 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 2.320 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 75 Resp: 15914
Ion Ratio Lower Upper
75 100
77 33.9 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 4.826 ug/L

RT: 10.207 min Scan# 11

Delta R.T. 0.000 min

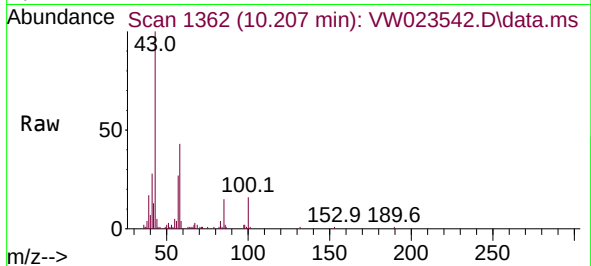
Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

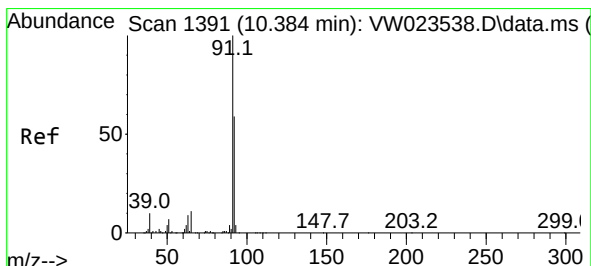
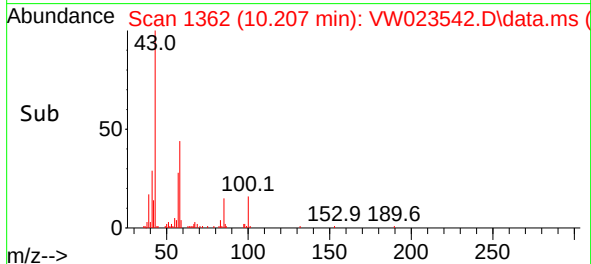
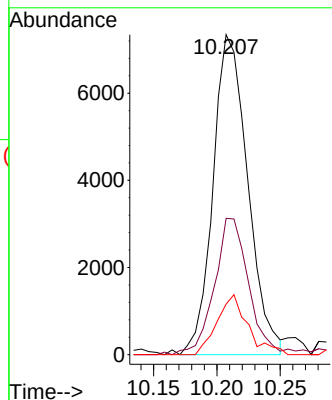
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	43	Resp:	14014
Ion Ratio	Lower	Upper	
43	100		
58	41.5	31.8	47.8
100	15.1	14.0	21.0



#42

Toluene

Concen: 2.392 ug/L

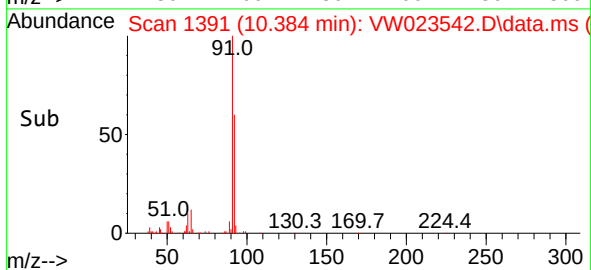
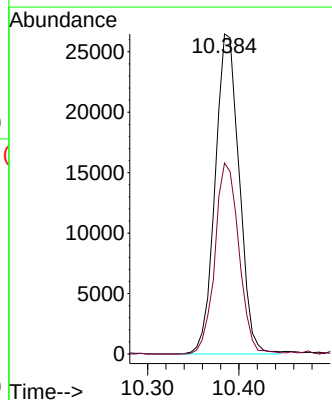
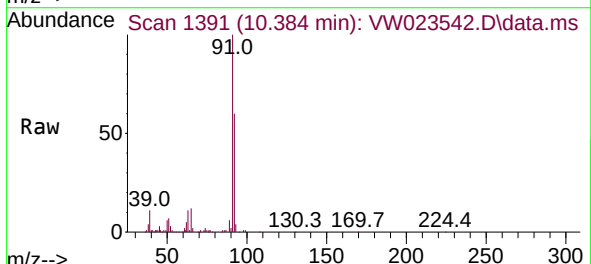
RT: 10.384 min Scan# 1391

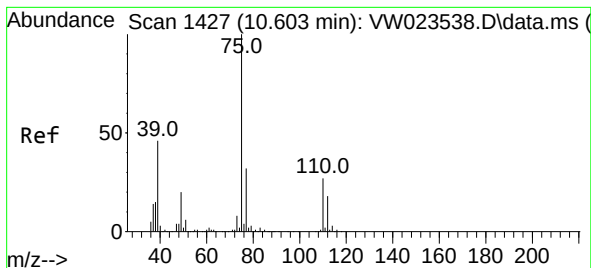
Delta R.T. 0.000 min

Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

Tgt Ion:	91	Resp:	48453
Ion Ratio	Lower	Upper	
91	100		
92	59.6	41.2	76.4





#44

trans-1,3-Dichloropropene

Concen: 2.336 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

Instrument :

MSVOA_W

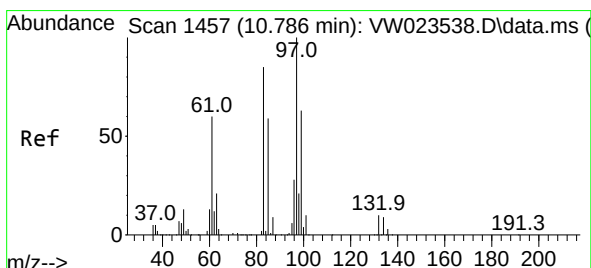
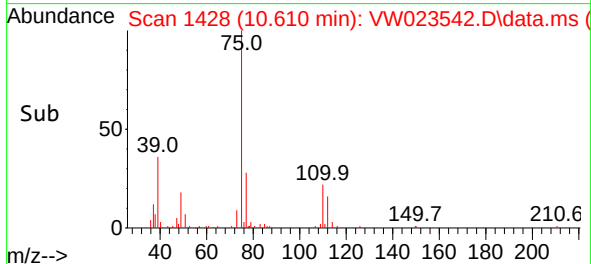
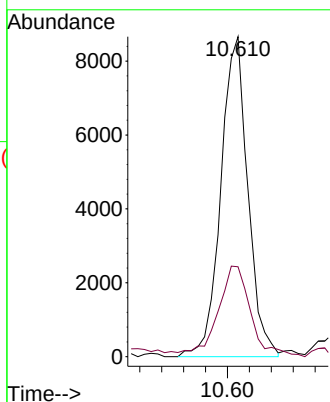
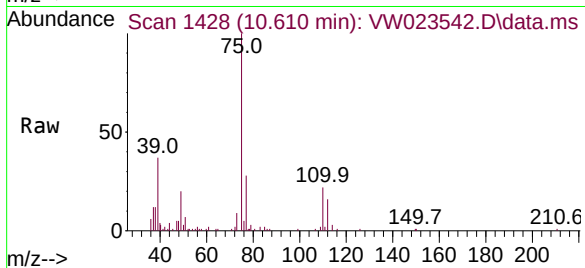
ClientSampleId :

Tgt Ion: 75 Resp: 14814

Ion Ratio Lower Upper

75 100

77 28.1 22.9 42.5



#45

1,1,2-Trichloroethane

Concen: 2.573 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

Tgt Ion: 97 Resp: 9693

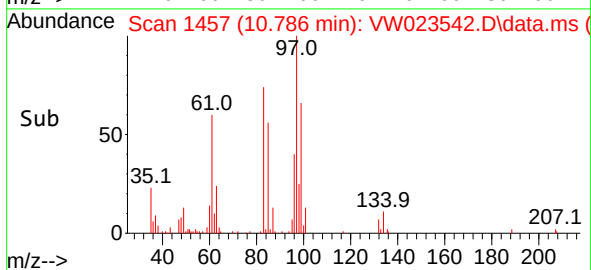
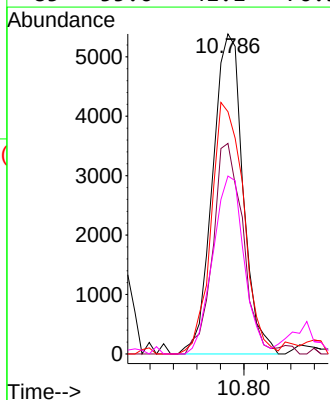
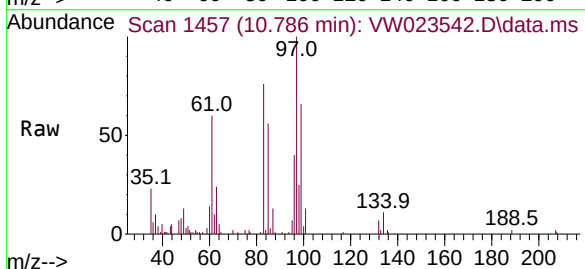
Ion Ratio Lower Upper

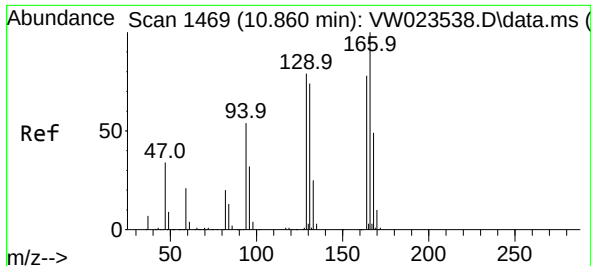
97 100

99 65.8 43.9 81.5

83 75.7 59.8 111.0

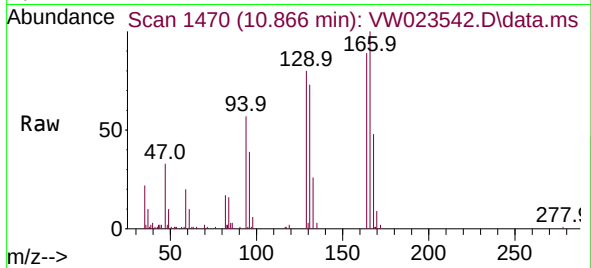
85 55.6 41.1 76.3



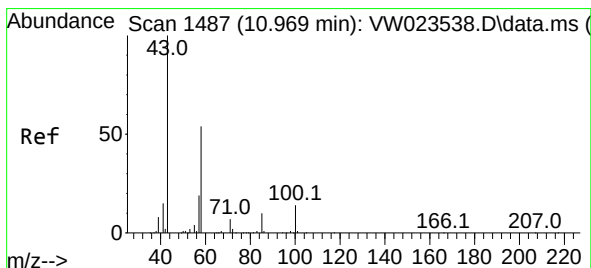
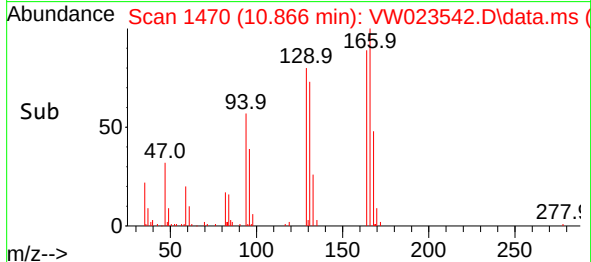
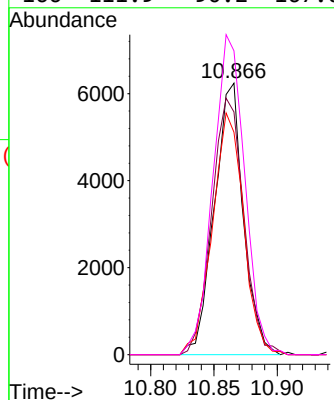


#46
Tetrachloroethene
Concen: 2.534 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Instrument :
MSVOA_W
ClientSampleId :

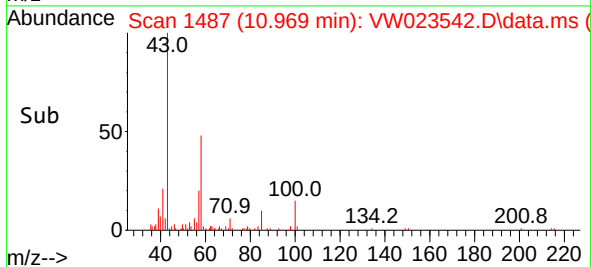
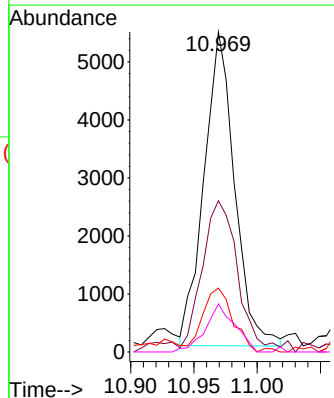
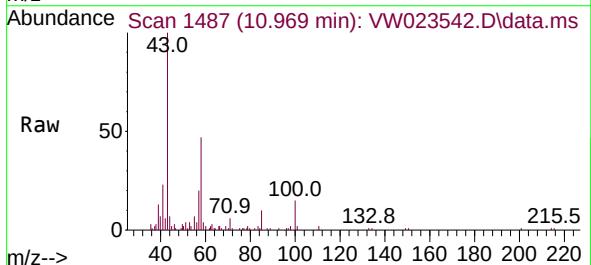


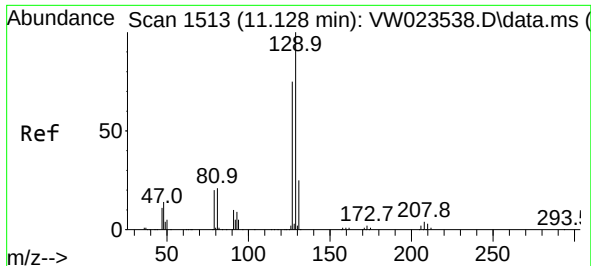
Tgt Ion:164 Resp: 10002
Ion Ratio Lower Upper
164 100
129 89.4 71.3 132.3
131 81.9 67.0 124.4
166 111.9 90.2 167.6



#48
2-Hexanone
Concen: 4.569 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 43 Resp: 9113
Ion Ratio Lower Upper
43 100
58 55.7 43.7 65.5
57 19.6 15.7 23.5
100 14.7 11.0 16.4

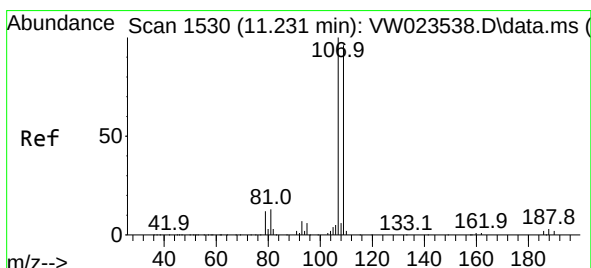
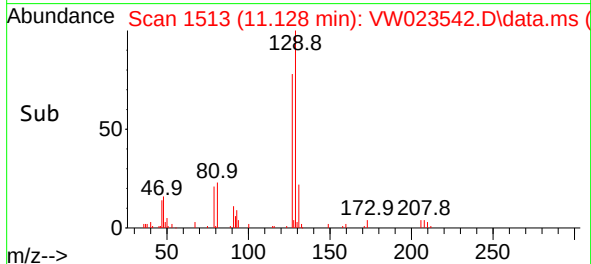
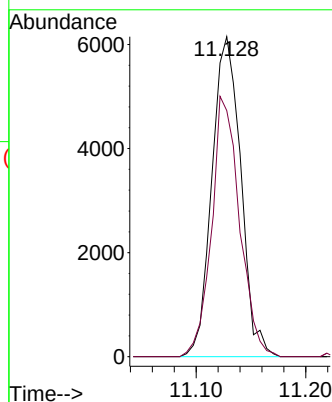
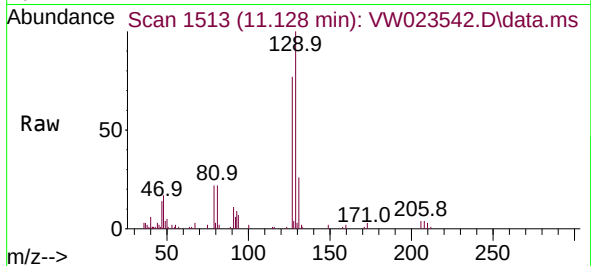




#49
Dibromochloromethane
Concen: 2.442 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

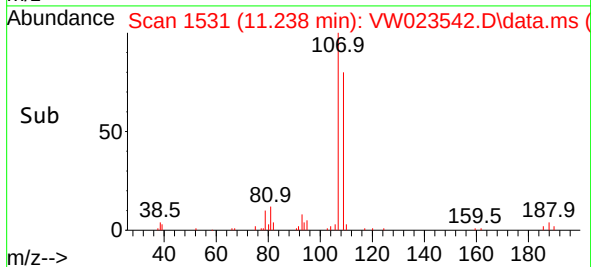
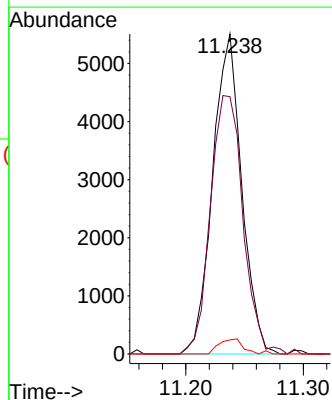
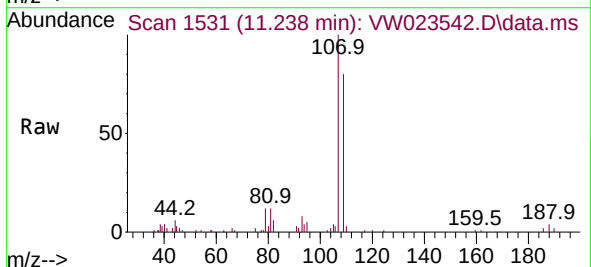
Instrument :
MSVOA_W
ClientSampleId :

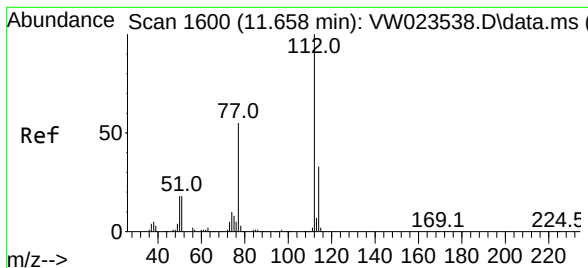
Tgt Ion:129 Resp: 11241
Ion Ratio Lower Upper
129 100
127 76.9 52.7 97.9



#50
1,2-Dibromoethane
Concen: 2.521 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion:107 Resp: 9463
Ion Ratio Lower Upper
107 100
109 80.4 67.2 124.8
188 4.4 2.7 4.1#

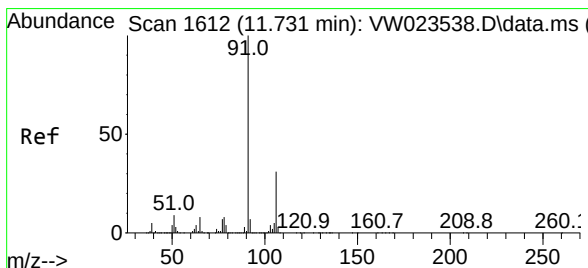
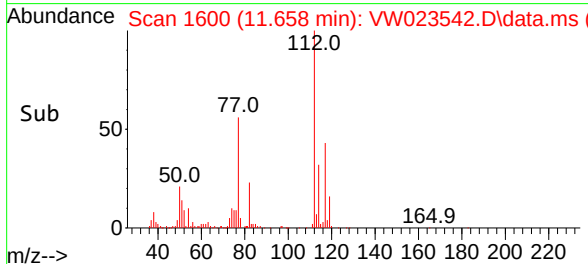
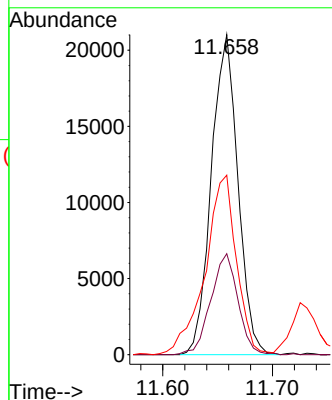
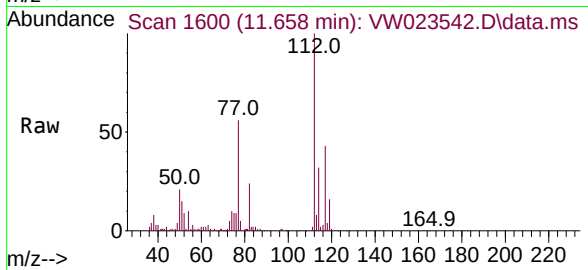




#51
Chlorobenzene
Concen: 2.552 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

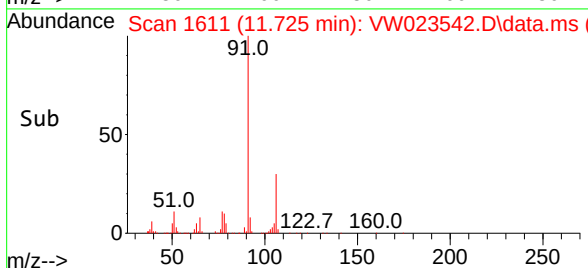
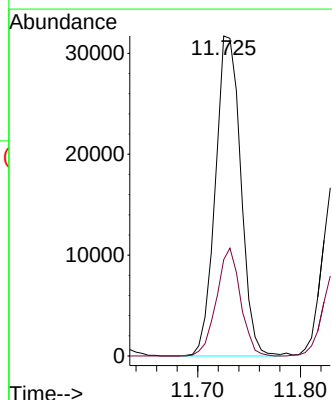
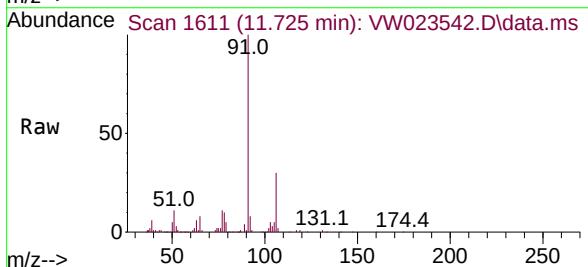
Instrument :
MSVOA_W
ClientSampleId :

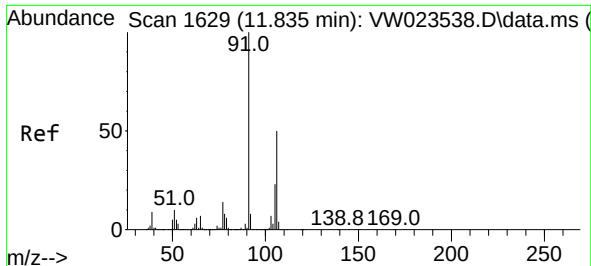
Tgt Ion:112 Resp: 35381
Ion Ratio Lower Upper
112 100
114 31.5 23.1 42.9
77 56.1 44.2 66.4



#52
Ethylbenzene
Concen: 2.408 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 91 Resp: 54427
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8

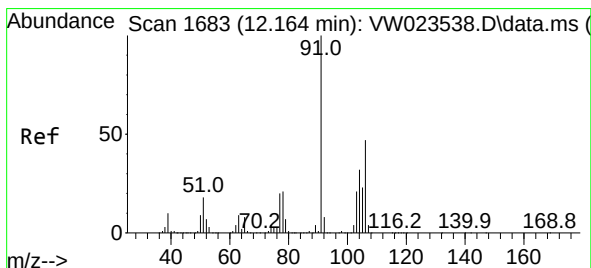
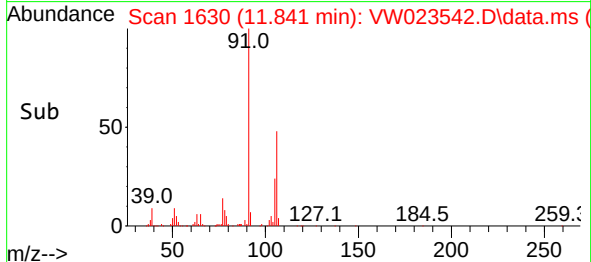
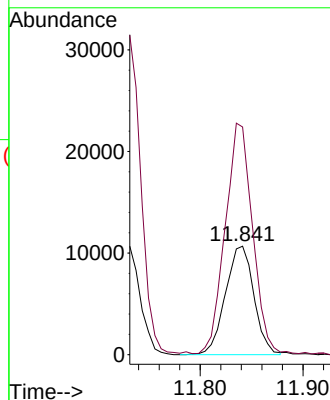
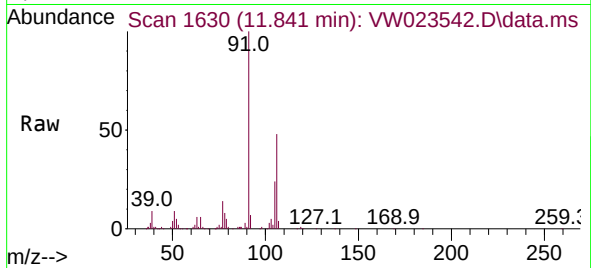




#53
m,p-Xylene
Concen: 2.314 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

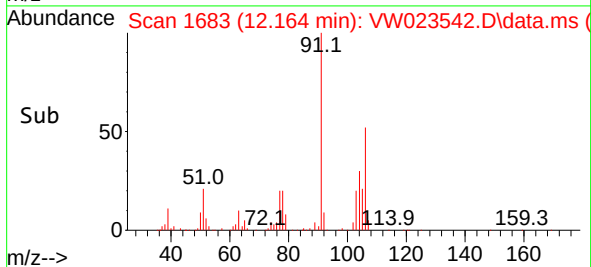
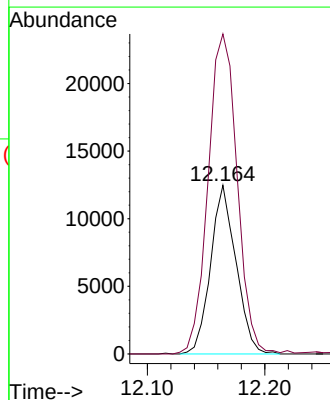
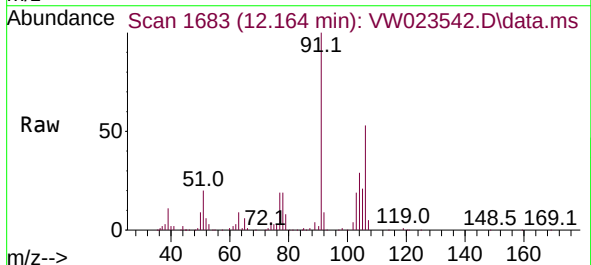
Instrument :
MSVOA_W
ClientSampleId :

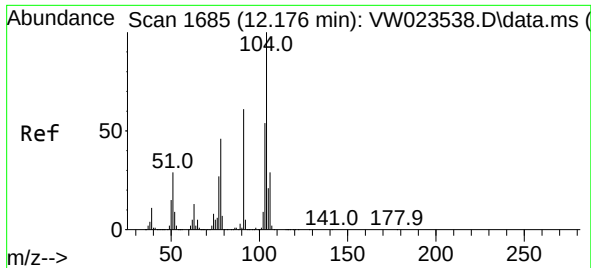
Tgt Ion:106 Resp: 20564
Ion Ratio Lower Upper
106 100
91 210.0 140.8 261.6



#54
o-Xylene
Concen: 2.235 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion:106 Resp: 18754
Ion Ratio Lower Upper
106 100
91 189.8 149.3 277.3

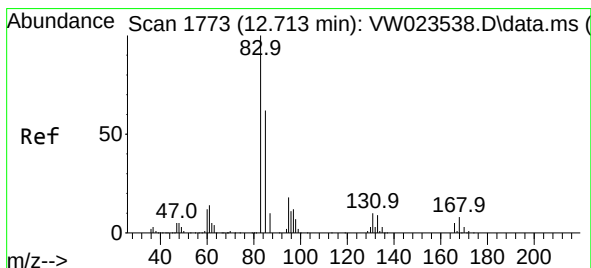
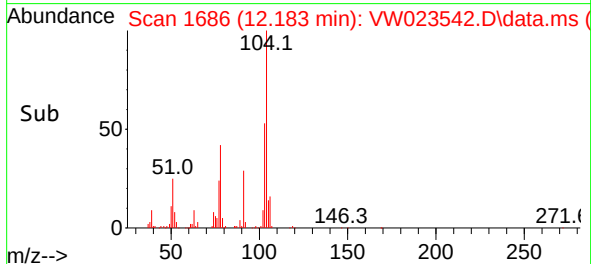
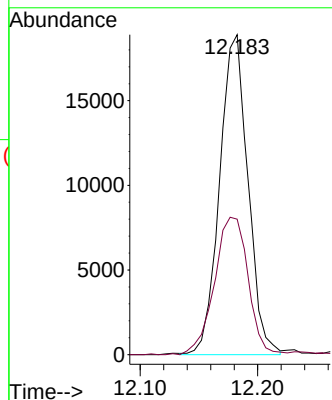
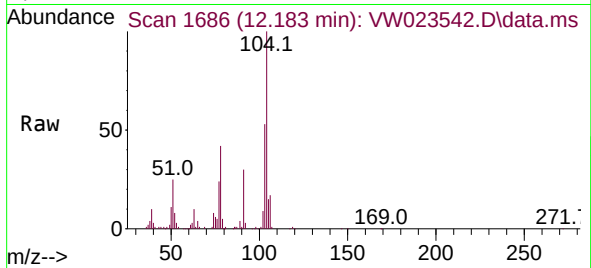




#55
Styrene
Concen: 2.160 ug/L
RT: 12.183 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

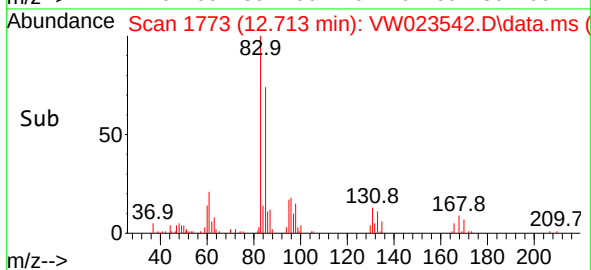
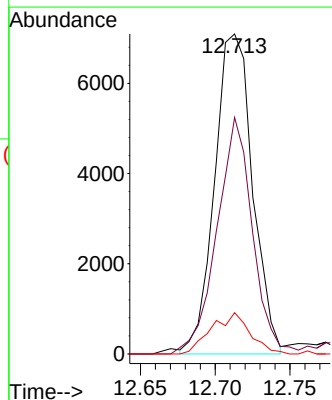
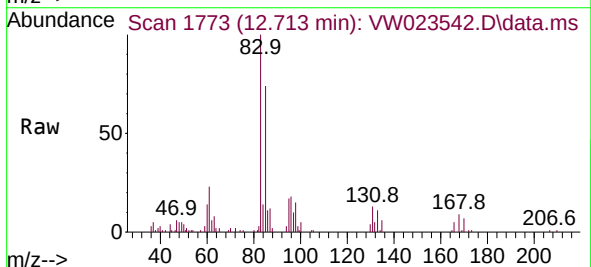
Instrument :
MSVOA_W
ClientSampleId :

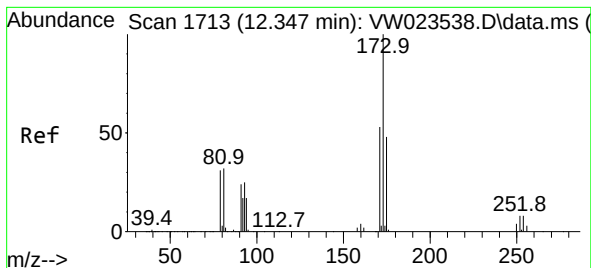
Tgt Ion:104 Resp: 31685
Ion Ratio Lower Upper
104 100
78 42.3 32.3 59.9



#57
1,1,2,2-Tetrachloroethane
Concen: 2.585 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Tgt Ion: 83 Resp: 12527
Ion Ratio Lower Upper
83 100
85 73.9 44.0 81.6
131 17.9 8.5 12.7#





#59

Bromoform

Concen: 2.302 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023542.D

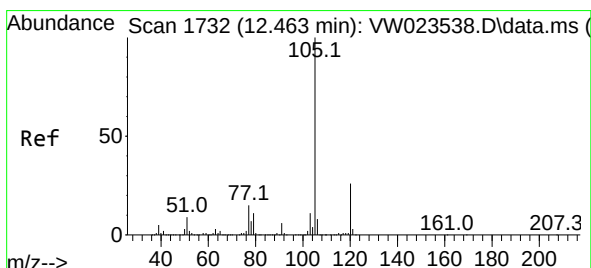
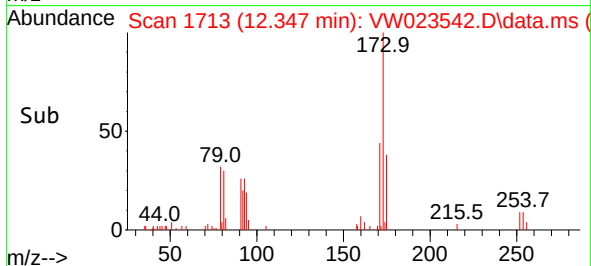
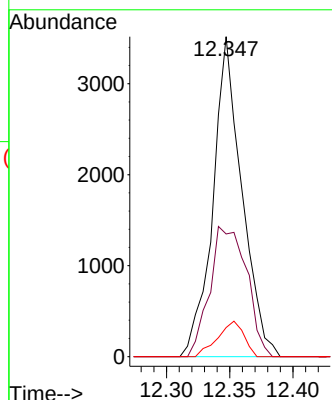
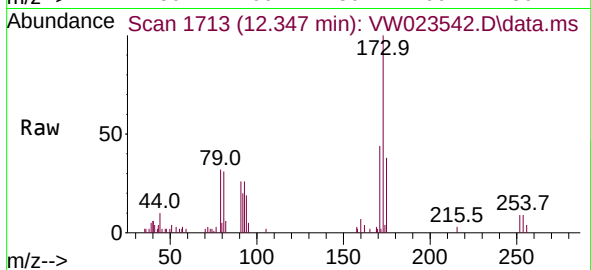
Acq: 30 Jun 2022 12:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	5602
Ion	Ratio	Lower	Upper
173	100		
175	51.7	37.9	56.9
254	10.0	7.0	10.4



#60

Isopropylbenzene

Concen: 2.345 ug/L

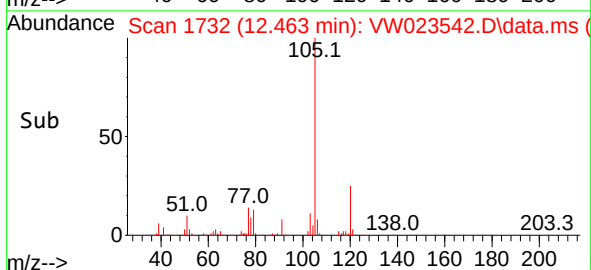
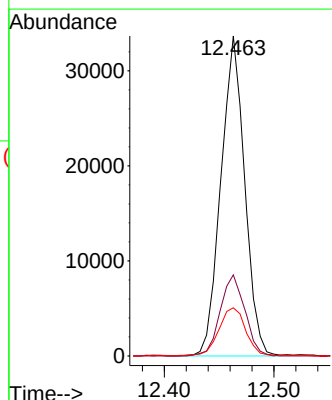
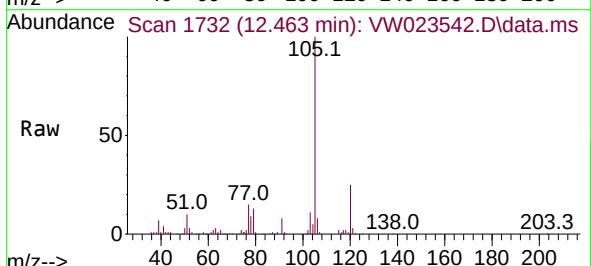
RT: 12.463 min Scan# 1732

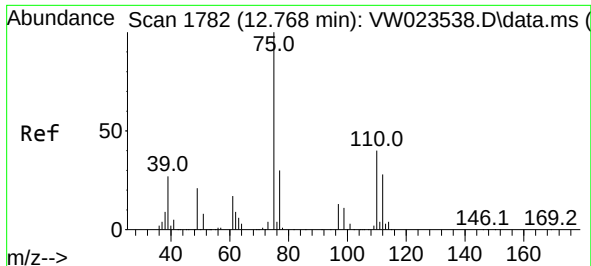
Delta R.T. 0.000 min

Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

Tgt Ion:	105	Resp:	50744
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.3	31.9
77	17.0	12.4	18.6





#61

1,2,3-Trichloropropane

Concen: 2.722 ug/L

RT: 12.768 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023542.D

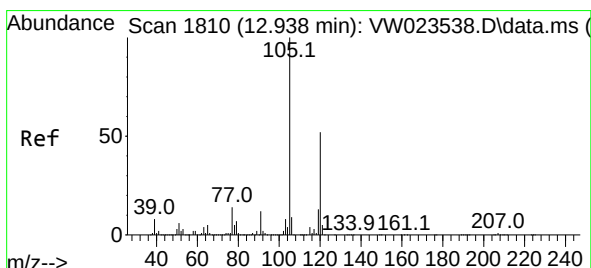
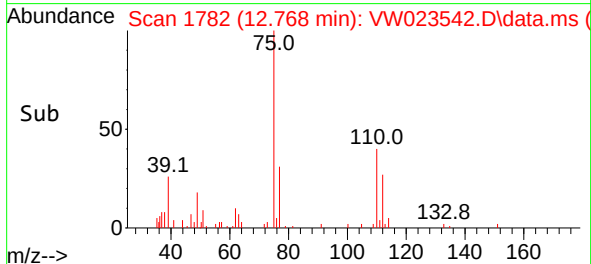
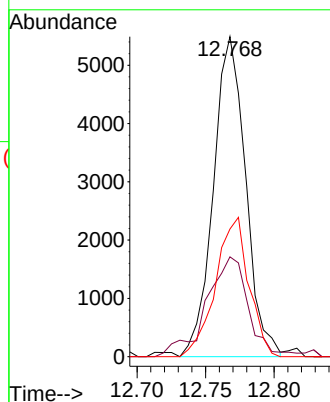
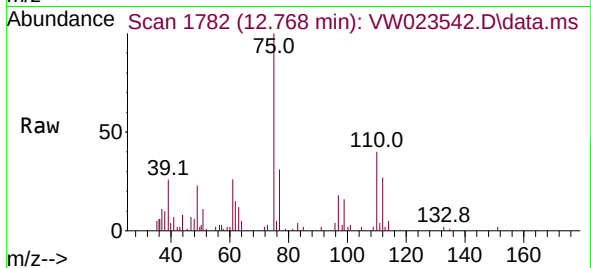
Acq: 30 Jun 2022 12:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	8992
Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.8	38.6
110	45.0	34.3	51.5



#62

1,3,5-Trimethylbenzene

Concen: 2.243 ug/L

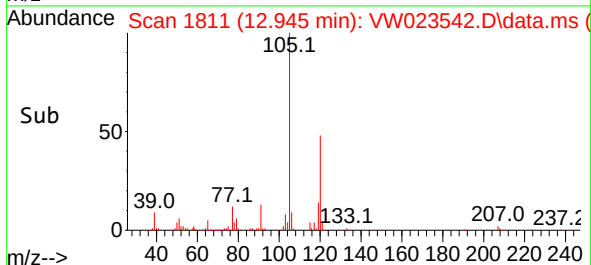
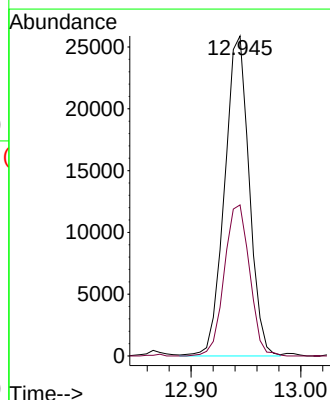
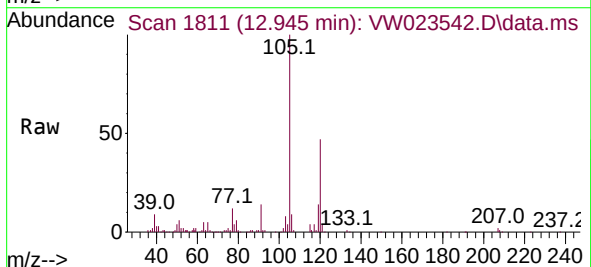
RT: 12.945 min Scan# 1811

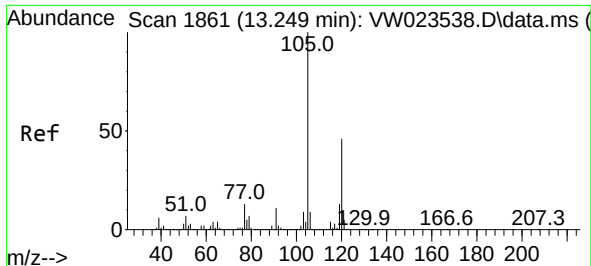
Delta R.T. 0.006 min

Lab File: VW023542.D

Acq: 30 Jun 2022 12:32

Tgt Ion:	105	Resp:	40326
Ion	Ratio	Lower	Upper
105	100		
120	48.6	39.7	59.5

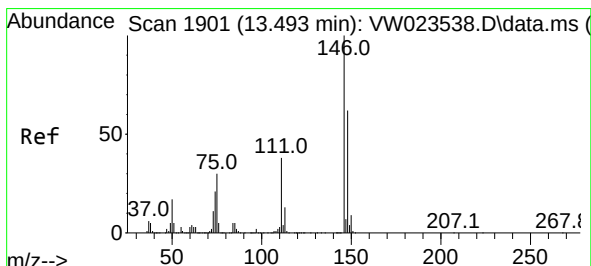
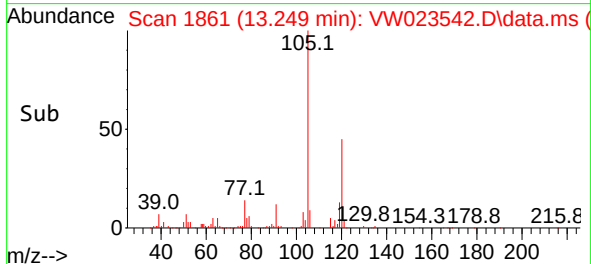
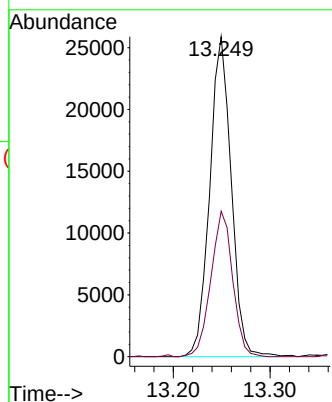
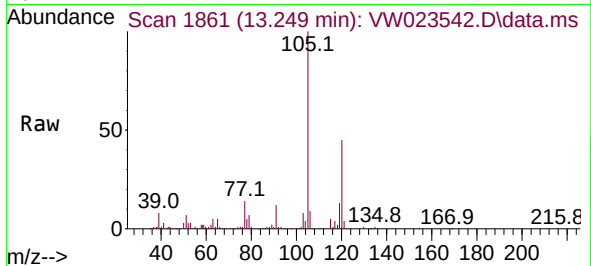




#63
1,2,4-Trimethylbenzene
Concen: 2.219 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

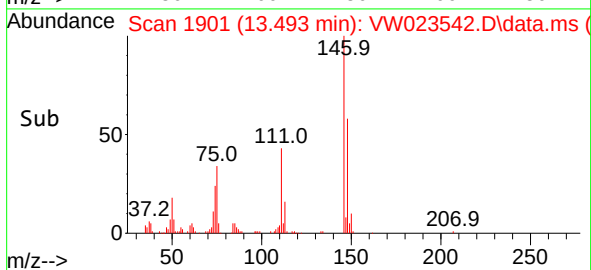
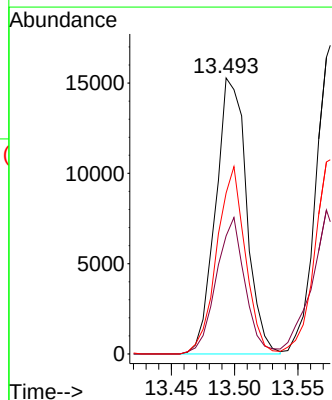
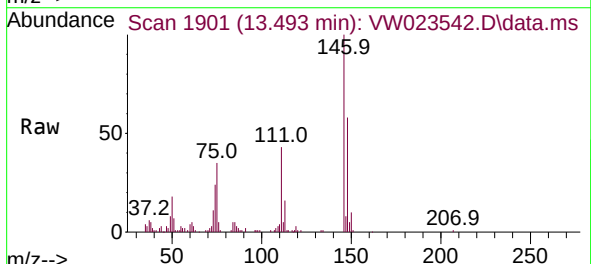
Instrument :
MSVOA_W
ClientSampleId :

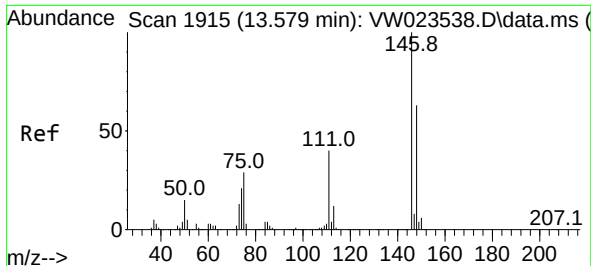
Tgt Ion:105 Resp: 40027
Ion Ratio Lower Upper
105 100
120 45.9 36.9 55.3



#64
1,3-Dichlorobenzene
Concen: 2.493 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

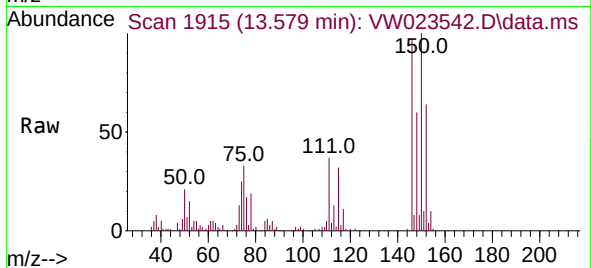
Tgt Ion:146 Resp: 25919
Ion Ratio Lower Upper
146 100
111 42.8 26.7 49.7
148 58.3 43.3 80.5



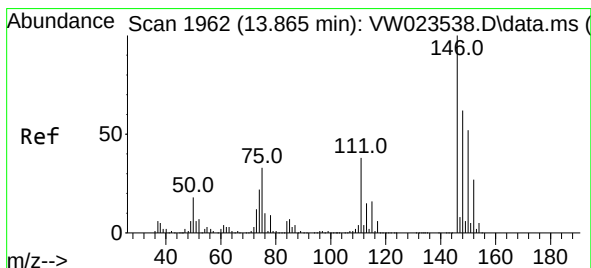
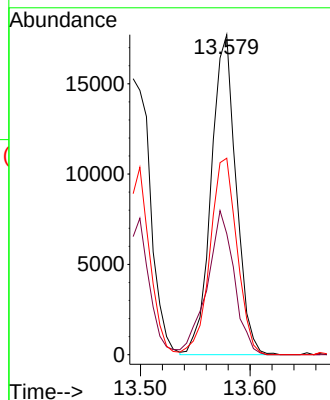
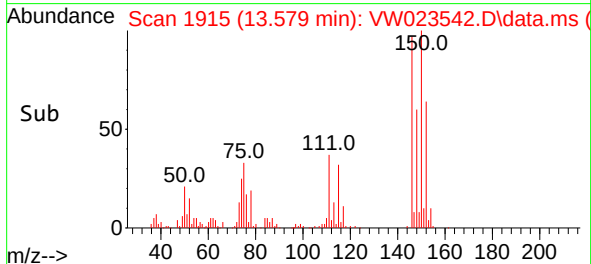


#65
1,4-Dichlorobenzene
Concen: 2.649 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

Instrument :
MSVOA_W
ClientSampleId :

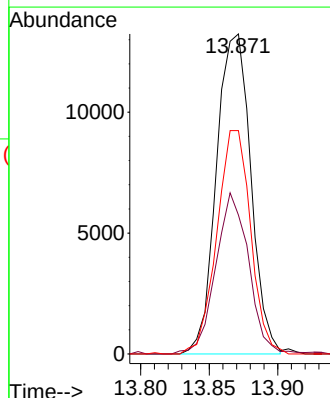
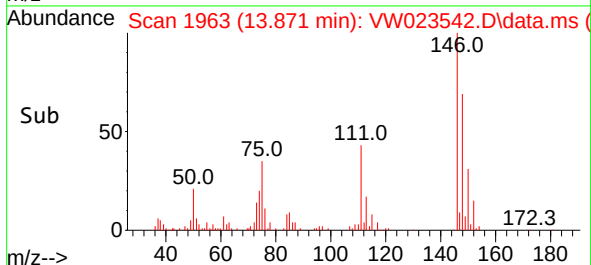
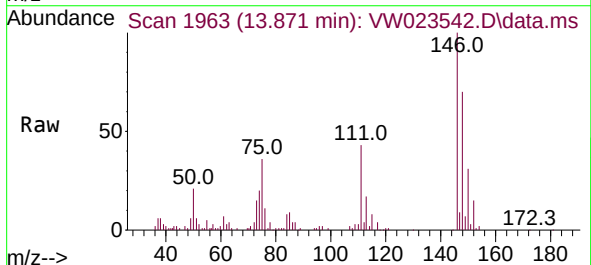


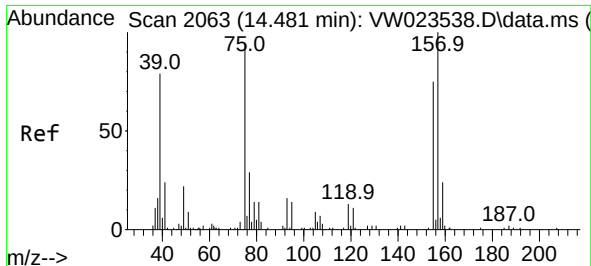
Tgt Ion:146 Resp: 27933
Ion Ratio Lower Upper
146 100
111 37.8 28.2 52.4
148 61.4 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 2.451 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

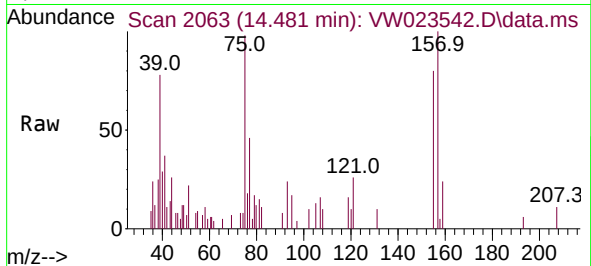
Tgt Ion:146 Resp: 23095
Ion Ratio Lower Upper
146 100
111 43.4 30.6 45.8
148 69.8 49.9 74.9



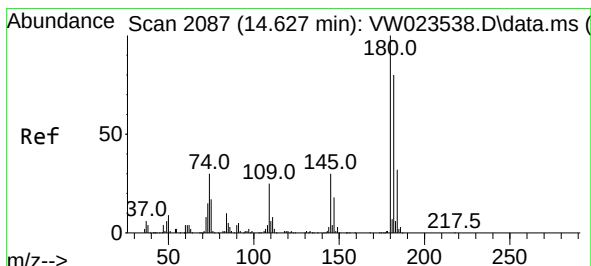
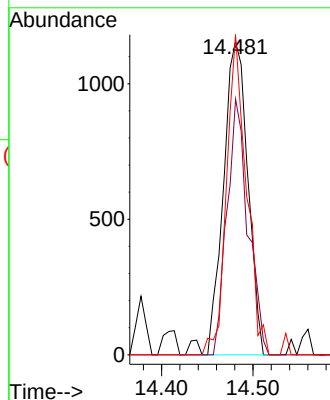
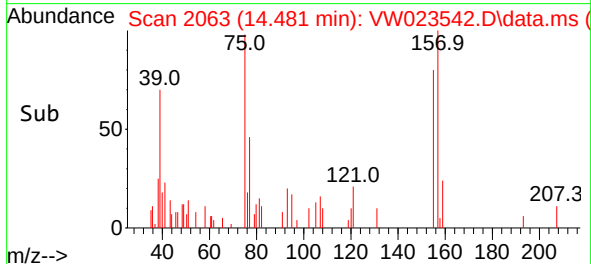


#68
1,2-Dibromo-3-chloropropane
Concen: 2.870 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

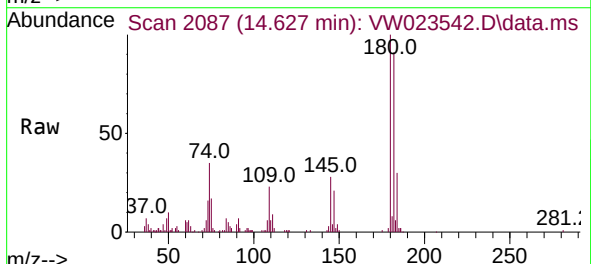
Instrument :
MSVOA_W
ClientSampleId :



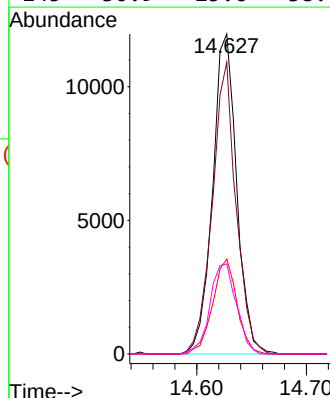
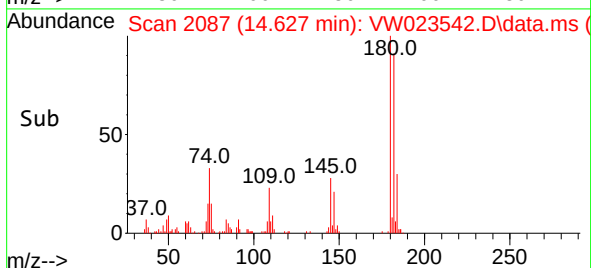
Tgt Ion: 75 Resp: 2168
Ion Ratio Lower Upper
75 100
155 81.7 63.8 95.6
157 102.2 85.0 127.4

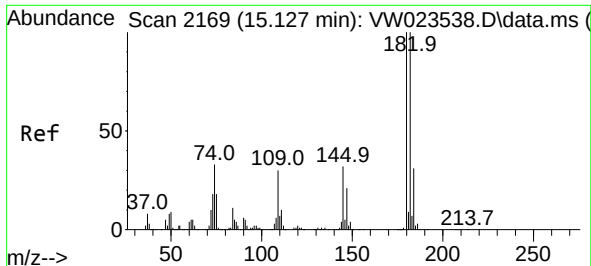


#69
1,3,5-Trichlorobenzene
Concen: 2.632 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32



Tgt Ion: 180 Resp: 18276
Ion Ratio Lower Upper
180 100
182 89.9 75.5 113.3
184 29.9 24.6 36.8
145 30.9 25.6 38.4

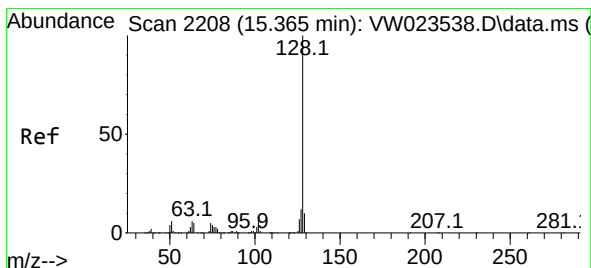
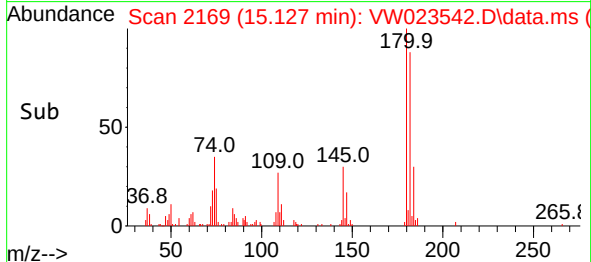
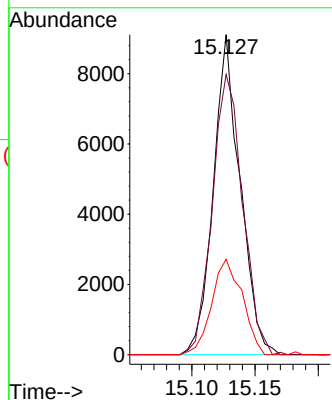
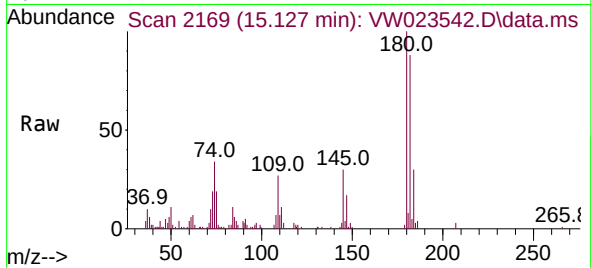




#70
1,2,4-trichlorobenzene
Concen: 2.406 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

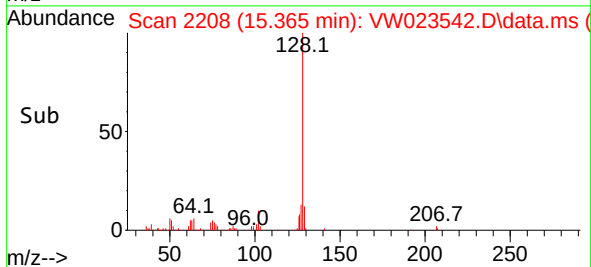
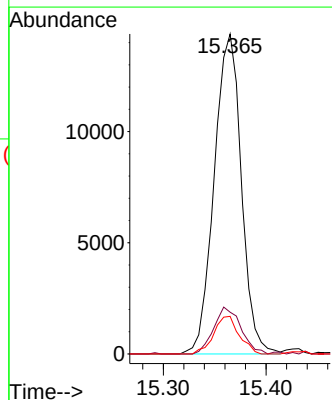
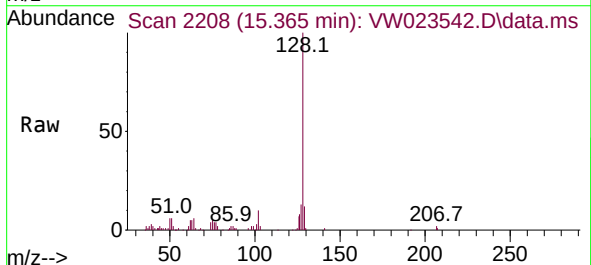
Instrument :
MSVOA_W
ClientSampleId :

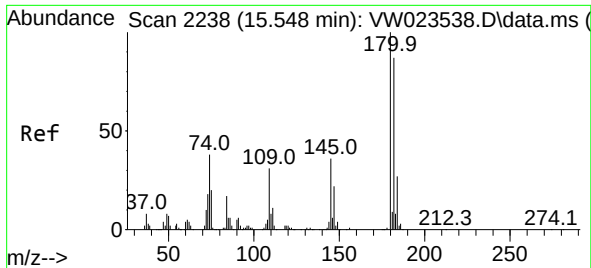
Tgt Ion:180 Resp: 13479
Ion Ratio Lower Upper
180 100
182 98.3 77.0 115.4
145 33.9 26.1 39.1



#71
Naphthalene
Concen: 2.271 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW023542.D
Acq: 30 Jun 2022 12:32

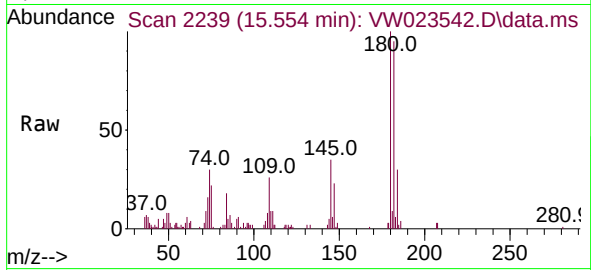
Tgt Ion:128 Resp: 26402
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 11.0 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.644 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023542.D
 Acq: 30 Jun 2022 12:32

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 13521
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.6 113.4
 145 34.6 28.2 42.2

