

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070122\
 Data File : VW023559.D
 Acq On : 01 Jul 2022 14:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Quant Time: Jul 04 01:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 04 01:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	325568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179591	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	159820	34.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.280%	
7) Chloroethane-d5	2.879	69	92057	28.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.800%	
11) 1,1-Dichloroethene-d2	4.019	63	162854	28.263	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 113.040%#	
21) 2-Butanone-d5	7.080	46	72045	61.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.540%	
24) Chloroform-d	7.653	84	226888	25.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.120%	
26) 1,2-Dichloroethane-d4	8.305	65	129376	26.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.440%	
32) Benzene-d6	8.275	84	423971	24.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.800%	
36) 1,2-Dichloropropane-d6	9.274	67	125902	24.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.240%	
41) Toluene-d8	10.323	98	417564	24.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.040%	
43) trans-1,3-Dichloroprop...	10.579	79	57076	25.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.520%	
47) 2-Hexanone-d5	10.927	63	61126	62.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 125.740%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	141850	28.822	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	164008	25.040	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	65338	51.937	ug/L	96
3) Chloromethane	2.215	50	129733	33.314	ug/L	98
5) Vinyl chloride	2.355	62	194568	37.097	ug/L	94
6) Bromomethane	2.769	94	85443	24.700	ug/L	96
8) Chloroethane	2.916	64	73901	31.348	ug/L	96
9) Trichlorofluoromethane	3.245	101	63441	26.111	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	110702	28.147	ug/L	98
12) 1,1-Dichloroethene	4.038	96	90811	27.756	ug/L	99
13) Acetone	4.129	43	43660	54.349	ug/L	96
14) Carbon disulfide	4.385	76	278210	31.526	ug/L	99
15) Methyl Acetate	4.678	43	55507	30.159	ug/L	98
16) Methylene chloride	4.922	84	108103	23.277	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	109826	26.599	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	163498	27.001	ug/L	99
19) 1,1-Dichloroethane	6.214	63	193629	26.590	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	119651	26.590	ug/L	95
22) 2-Butanone	7.177	43	79478	60.513	ug/L	98
23) Bromochloromethane	7.513	128	58849	26.424	ug/L	97
25) Chloroform	7.677	83	219089	26.952	ug/L	96

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 Response via : Initial Calibration

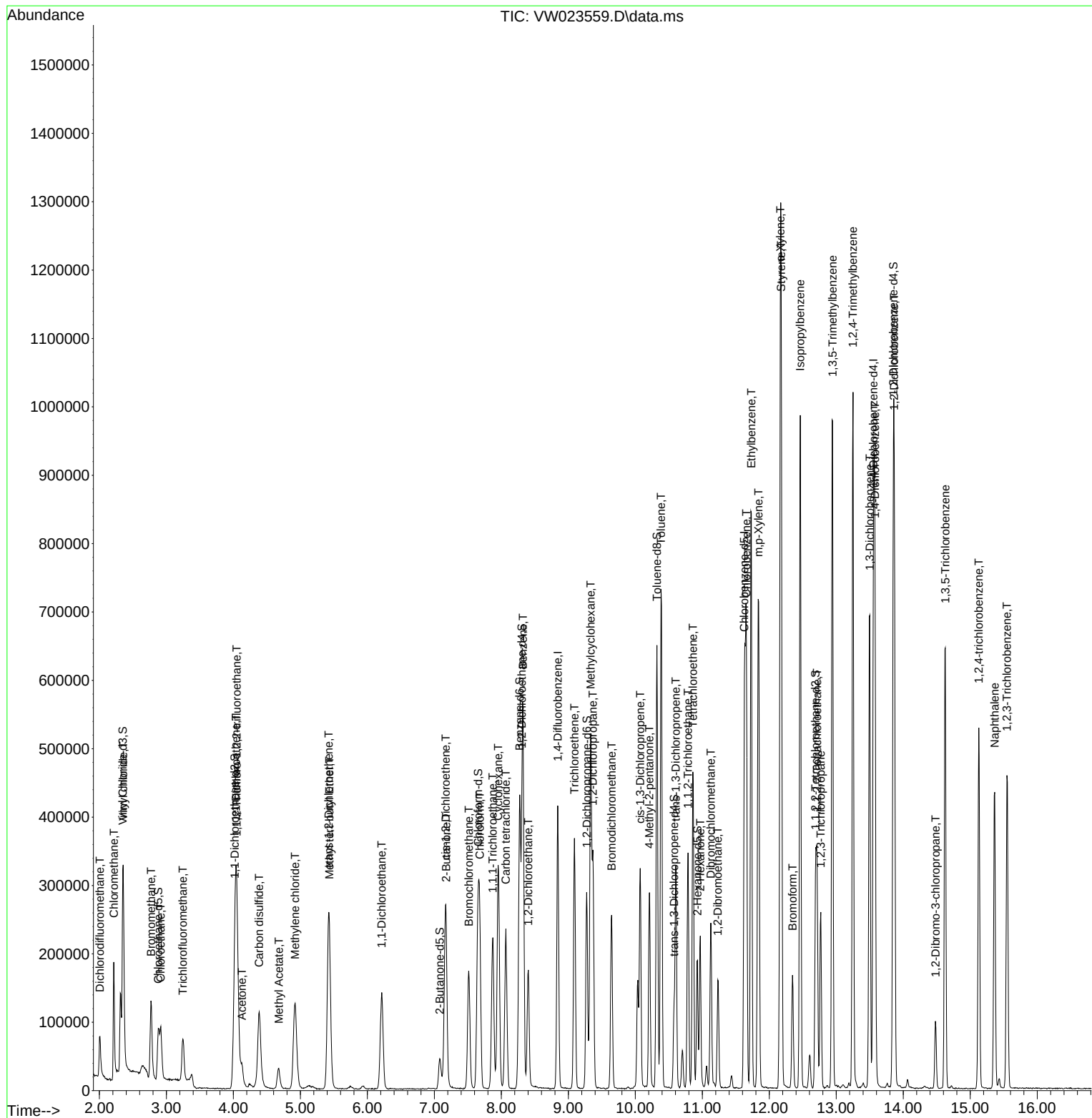
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	153153	28.498	ug/L	98
29) Cyclohexane	7.951	56	165824	27.349	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	174870	25.143	ug/L	99
31) Carbon tetrachloride	8.067	117	162802	25.894	ug/L	98
33) Benzene	8.323	78	467534	25.916	ug/L	100
34) Trichloroethene	9.092	95	121765	25.192	ug/L	95
35) Methylcyclohexane	9.335	83	203112	26.706	ug/L	97
37) 1,2-Dichloropropane	9.366	63	115383	26.442	ug/L	99
38) Bromodichloromethane	9.646	83	166077	26.583	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	183149	27.104	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	183065	64.010	ug/L	98
42) Toluene	10.384	91	538855	27.005	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	171002	27.381	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	104067	28.048	ug/L	97
46) Tetrachloroethene	10.860	164	96538	24.834	ug/L	98
48) 2-Hexanone	10.969	43	132005	67.201	ug/L	99
49) Dibromochloromethane	11.128	129	117001	25.807	ug/L	93
50) 1,2-Dibromoethane	11.231	107	102115	27.620	ug/L	96
51) Chlorobenzene	11.658	112	347918	25.481	ug/L	99
52) Ethylbenzene	11.731	91	597860	26.862	ug/L	98
53) m,p-Xylene	11.841	106	240533	27.488	ug/L	95
54) o-Xylene	12.164	106	225121	27.237	ug/L	100
55) Styrene	12.176	104	406053	28.110	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	140313	29.404	ug/L	95
59) Bromoform	12.347	173	69770	26.184	ug/L	97
60) Isopropylbenzene	12.463	105	611561	25.813	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100073	27.663	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	515023	26.165	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	524255	26.540	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	272783	23.956	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	285550	24.727	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	269621	26.129	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23212	28.057	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	190237	25.023	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	155583	25.359	ug/L	97
71) Naphthalene	15.365	128	368745	28.969	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	140432	25.079	ug/L	98

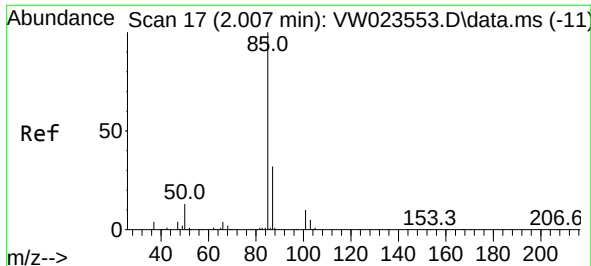
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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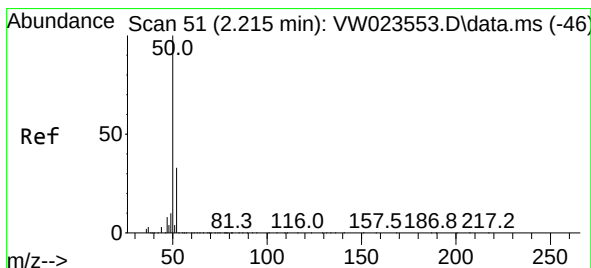
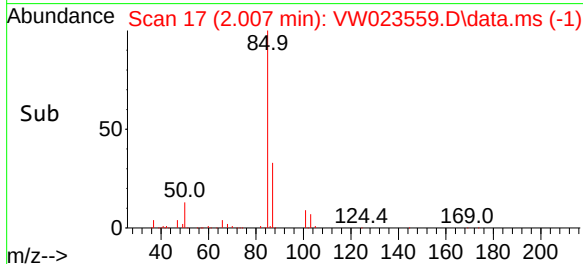
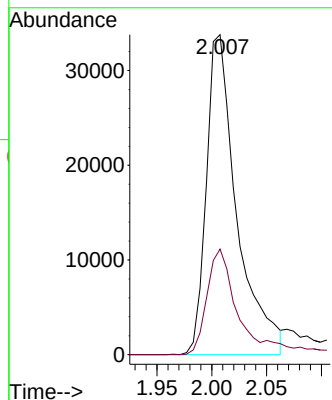
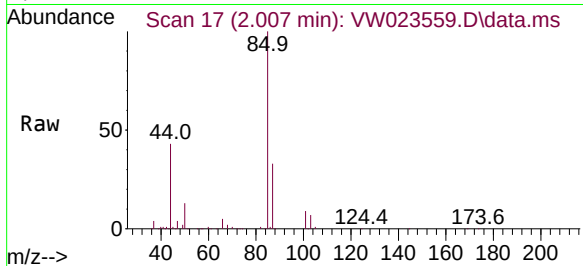




#2
 Dichlorodifluoromethane
 Concen: 51.937 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

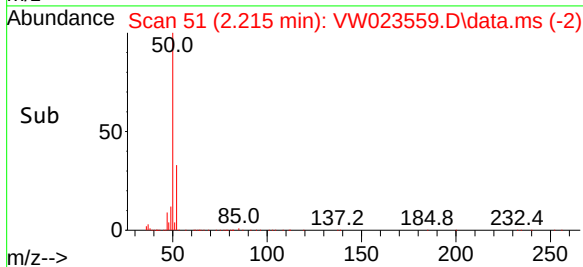
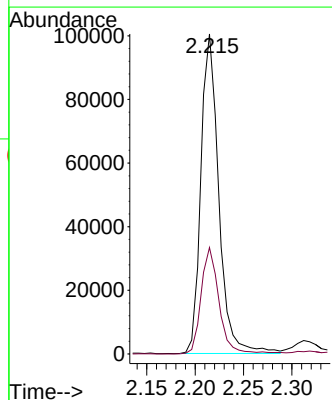
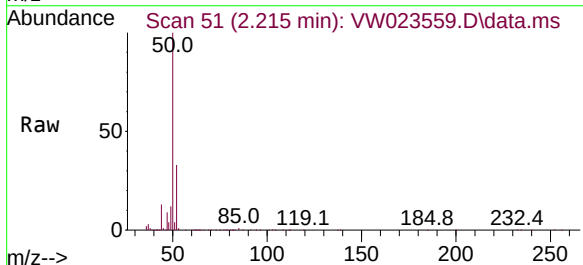
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 ClientSampleId :
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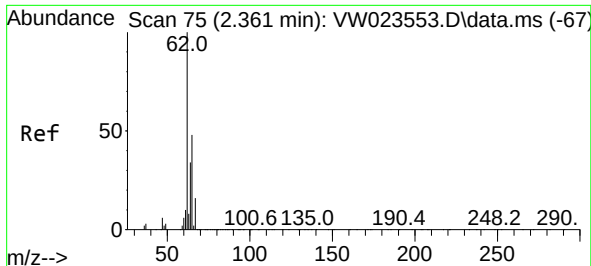
Tgt Ion: 85 Resp: 65338
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.0 39.0



#3
 Chloromethane
 Concen: 33.314 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

Tgt Ion: 50 Resp: 129733
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.9

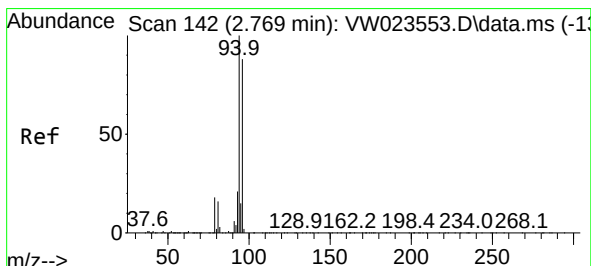
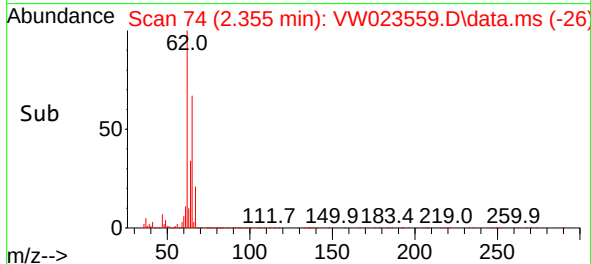
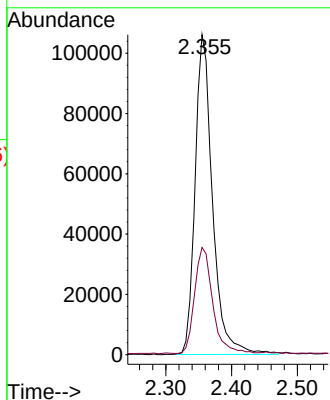
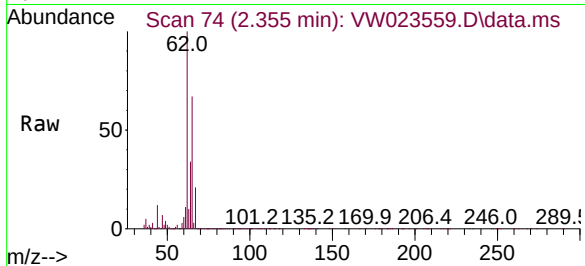




#5
 Vinyl chloride
 Concen: 37.097 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

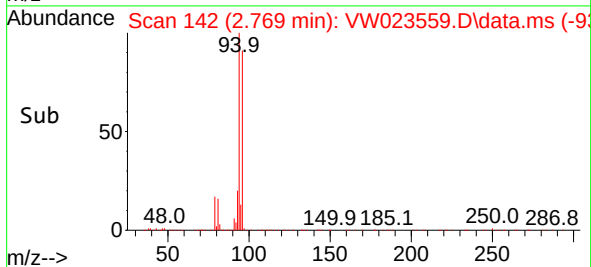
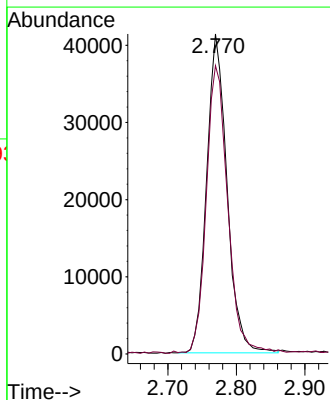
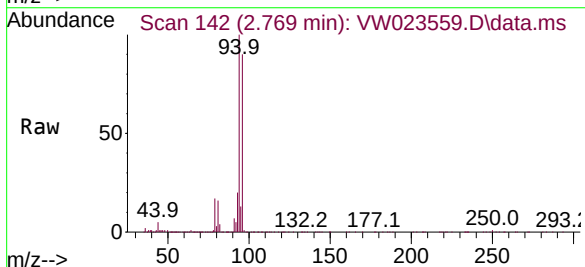
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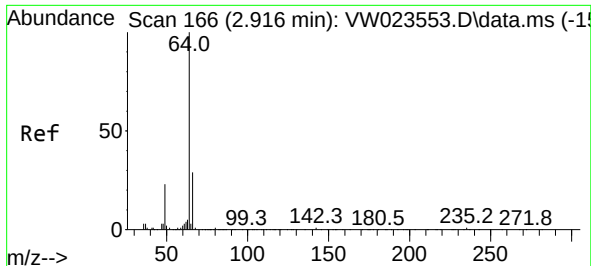
Tgt Ion: 62 Resp: 194568
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.8 47.8



#6
 Bromomethane
 Concen: 24.700 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

Tgt Ion: 94 Resp: 85443
 Ion Ratio Lower Upper
 94 100
 96 90.1 65.6 121.8

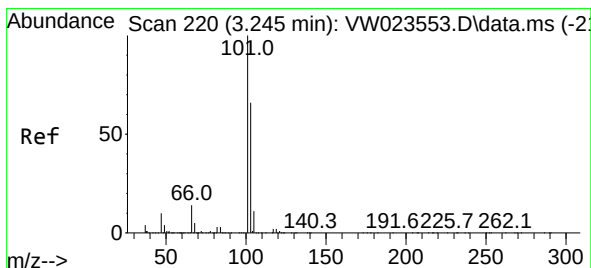
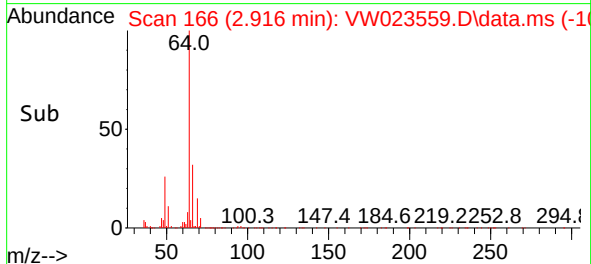
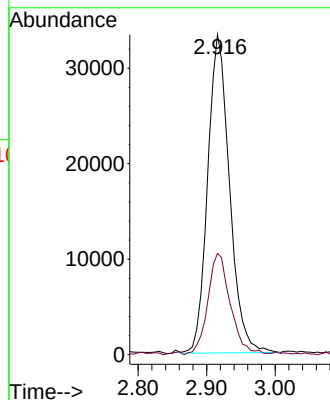
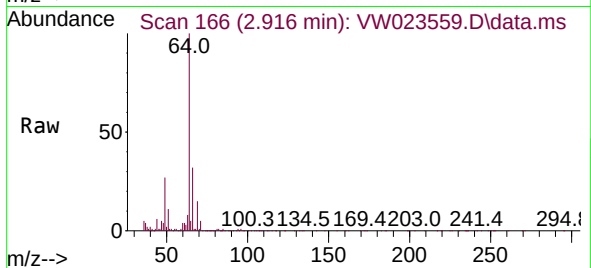




#8
Chloroethane
Concen: 31.348 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

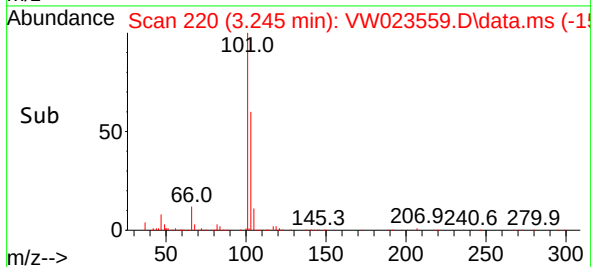
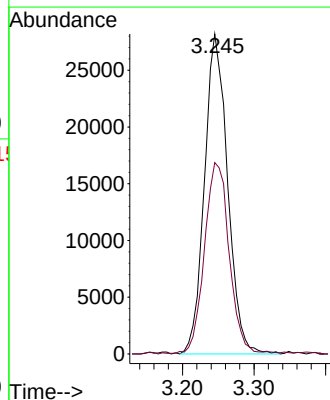
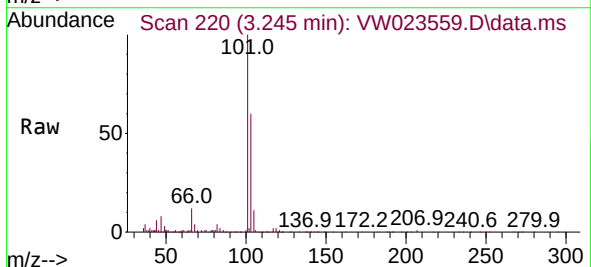
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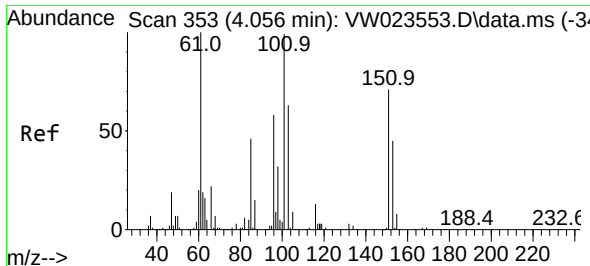
Tgt Ion: 64 Resp: 73901
Ion Ratio Lower Upper
64 100
66 31.6 20.6 38.2



#9
Trichlorofluoromethane
Concen: 26.111 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 101 Resp: 63441
Ion Ratio Lower Upper
101 100
103 62.9 53.2 79.8

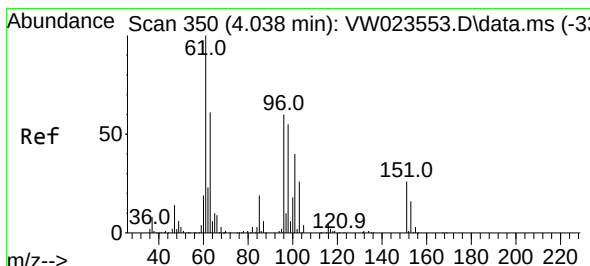
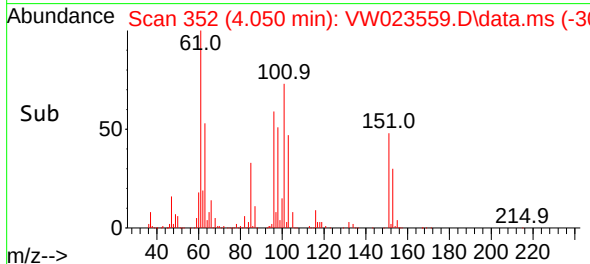
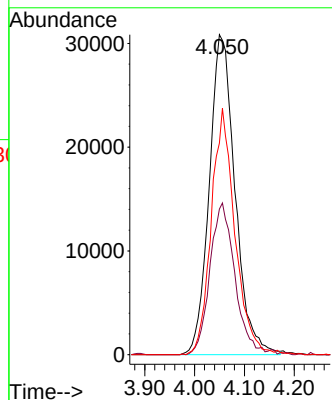
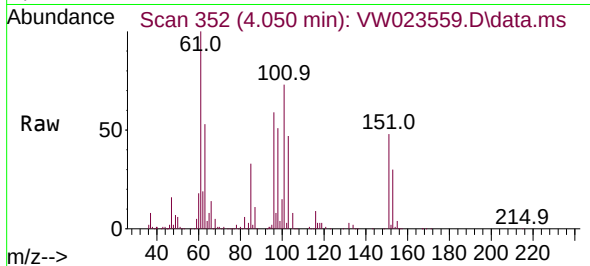




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.147 ug/L
 RT: 4.050 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

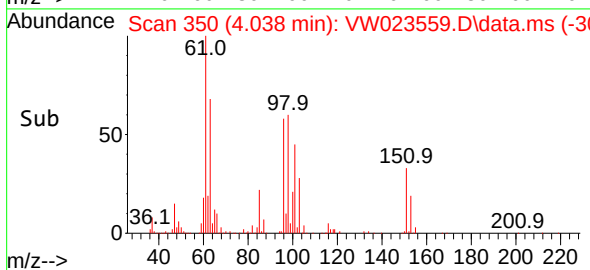
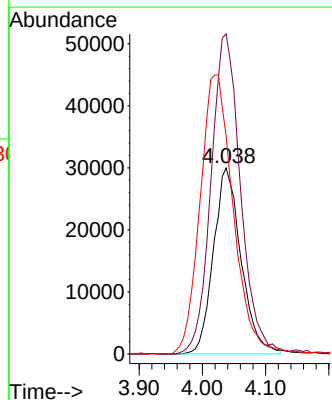
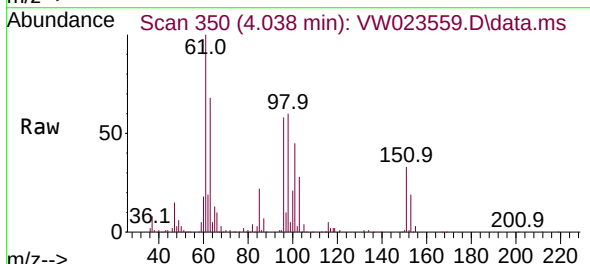
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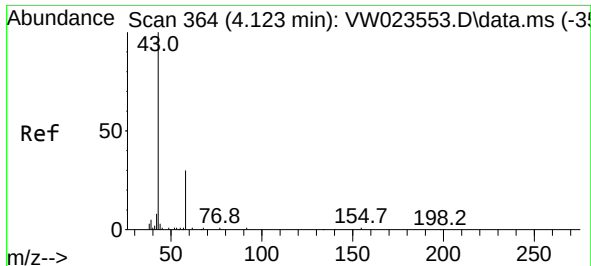
Tgt Ion:101 Resp: 110702
 Ion Ratio Lower Upper
 101 100
 85 45.4 37.0 55.4
 151 70.3 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 27.756 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

Tgt Ion: 96 Resp: 90811
 Ion Ratio Lower Upper
 96 100
 61 172.1 122.0 226.6
 63 117.3 83.0 154.2

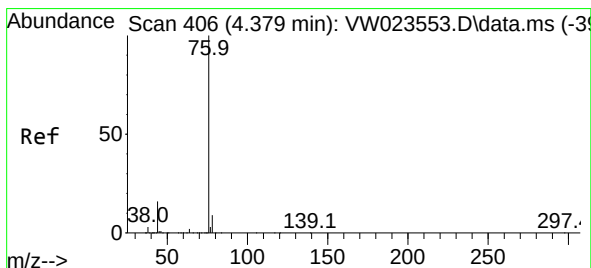
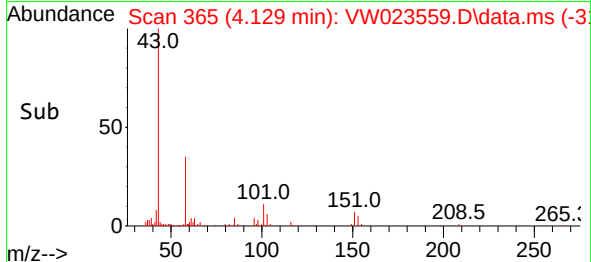
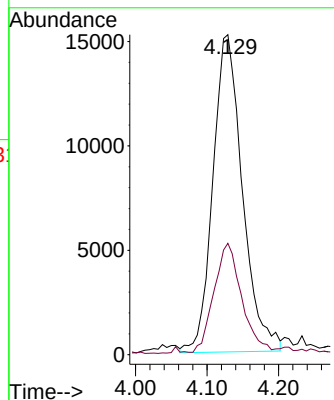
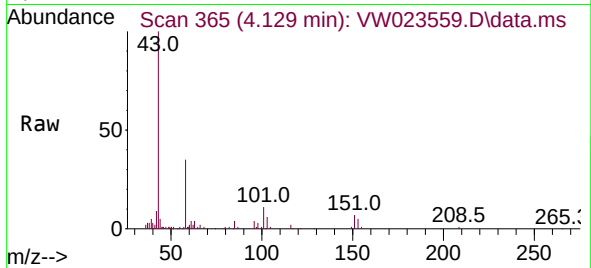




#13
Acetone
Concen: 54.349 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

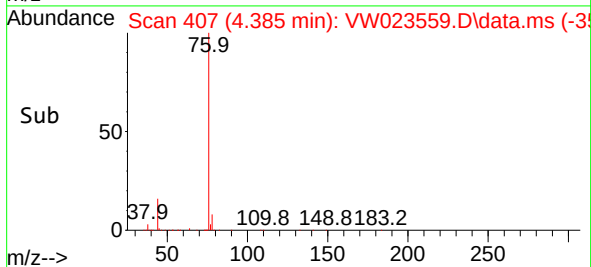
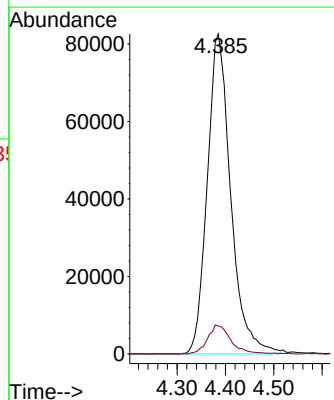
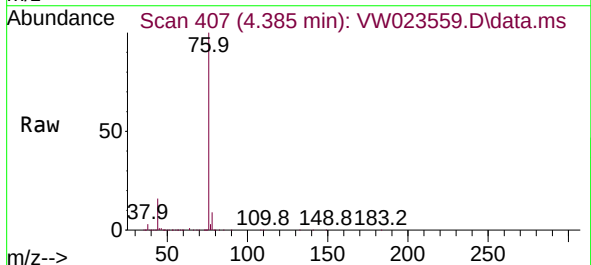
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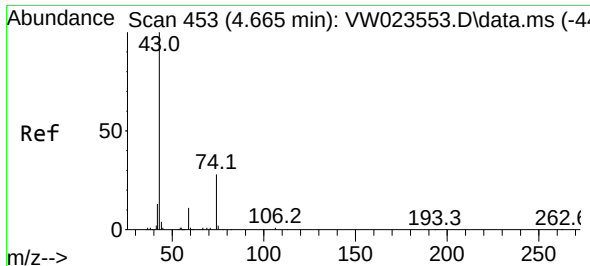
Tgt Ion: 43 Resp: 43660
Ion Ratio Lower Upper
43 100
58 32.7 0.0 61.2



#14
Carbon disulfide
Concen: 31.526 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 278210
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

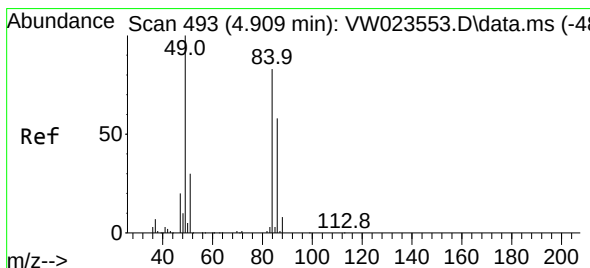
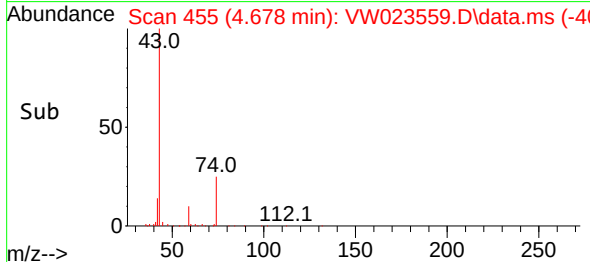
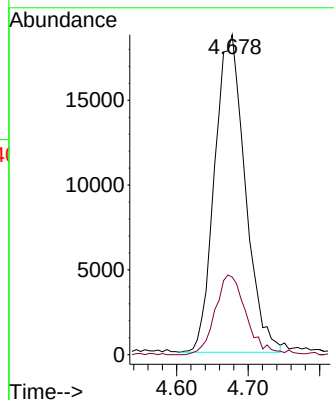
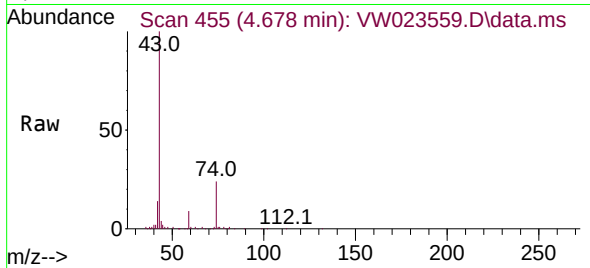




#15
Methyl Acetate
Concen: 30.159 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

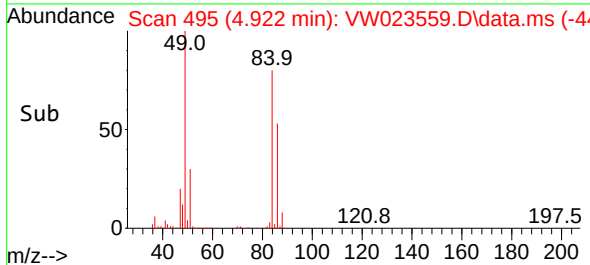
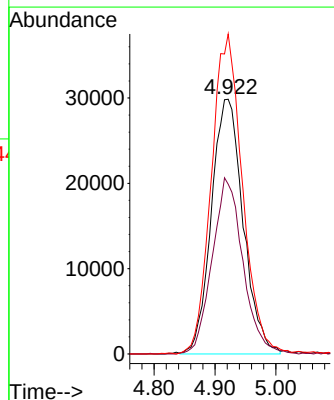
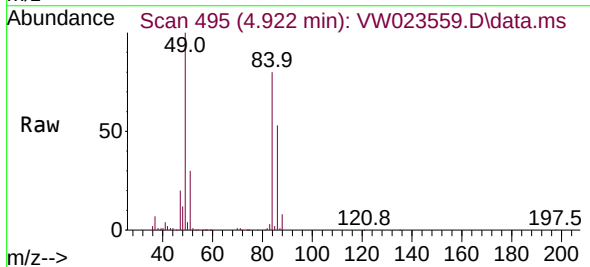
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

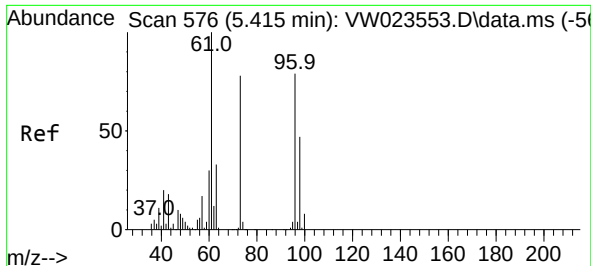
Tgt Ion: 43 Resp: 55507
Ion Ratio Lower Upper
43 100
74 24.4 20.4 30.6



#16
Methylene chloride
Concen: 23.277 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 84 Resp: 108103
Ion Ratio Lower Upper
84 100
86 66.6 44.9 83.3
49 125.6 87.6 162.6

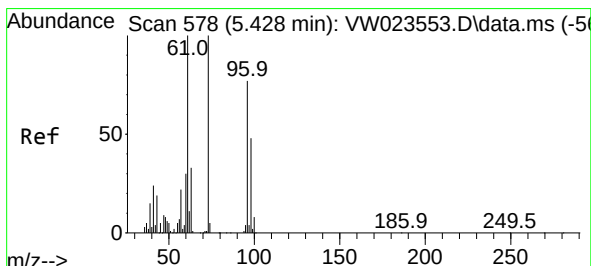
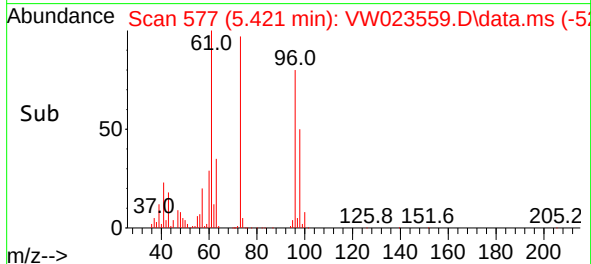
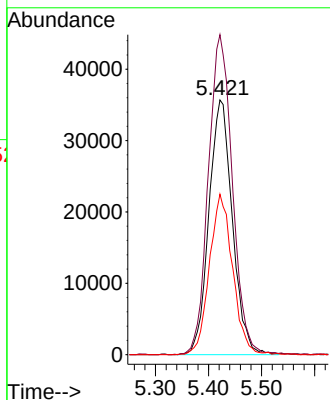
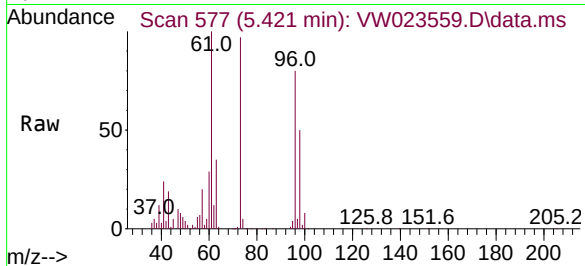




#17
trans-1,2-Dichloroethene
Concen: 26.599 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

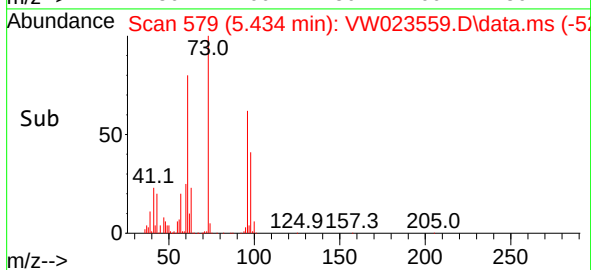
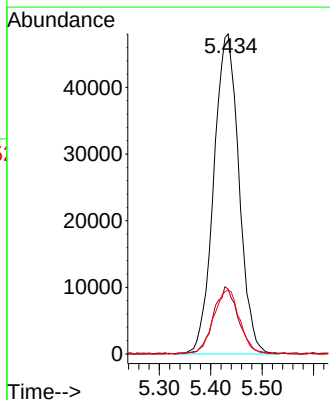
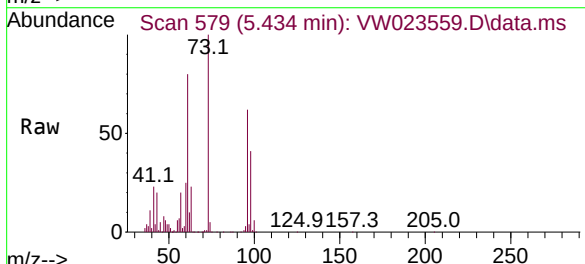
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

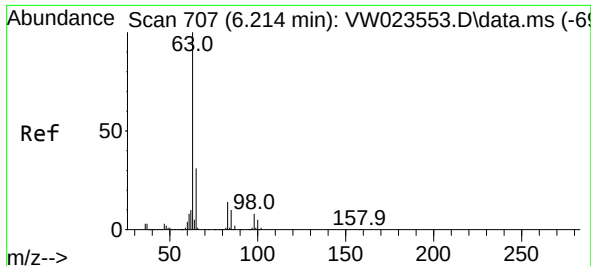
Tgt Ion: 96 Resp: 109826
Ion Ratio Lower Upper
96 100
61 125.6 92.3 171.5
98 63.0 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 27.001 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 73 Resp: 163498
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.2
57 20.6 16.9 25.3

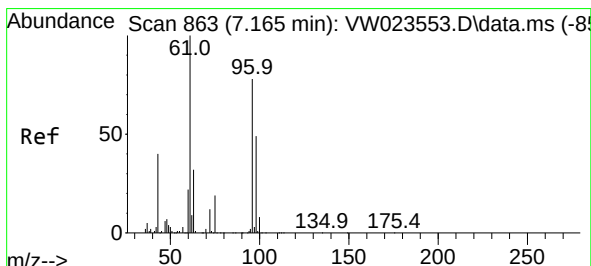
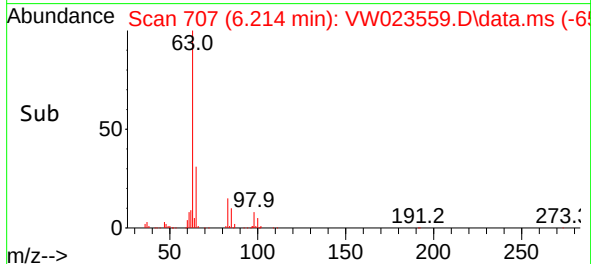
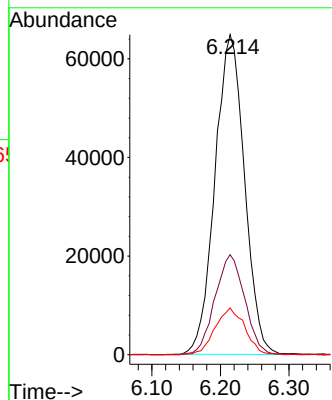
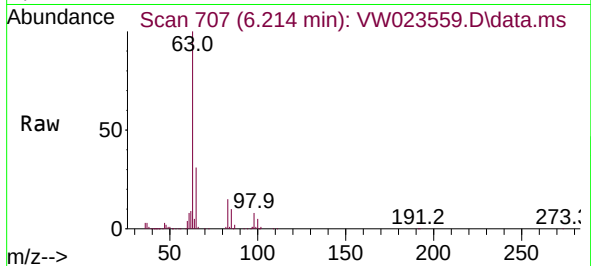




#19
1,1-Dichloroethane
Concen: 26.590 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

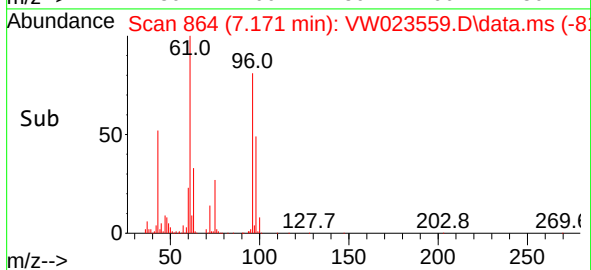
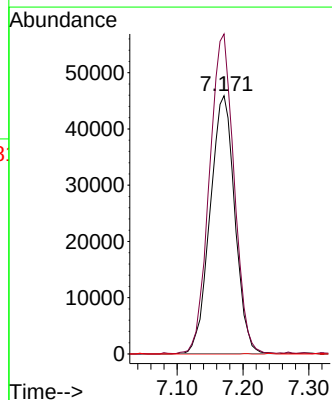
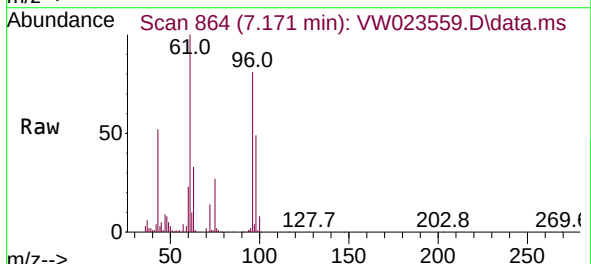
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

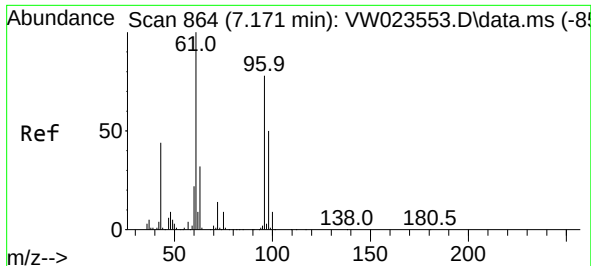
Tgt Ion: 63 Resp: 193629
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 14.6 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 26.590 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 96 Resp: 119651
Ion Ratio Lower Upper
96 100
61 123.9 83.2 154.6
68 0.0 0.0 0.0

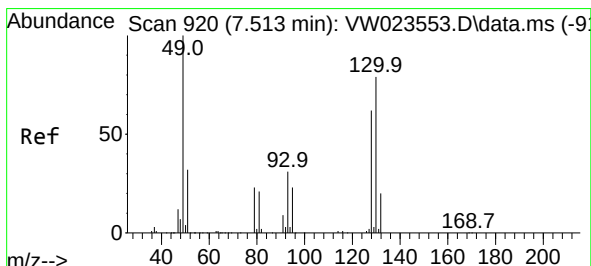
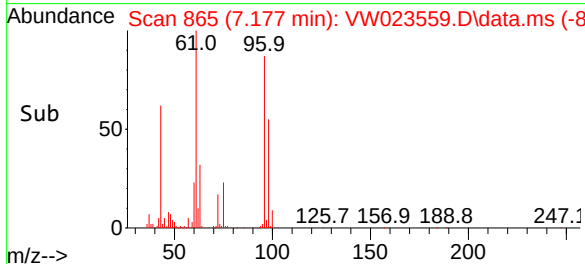
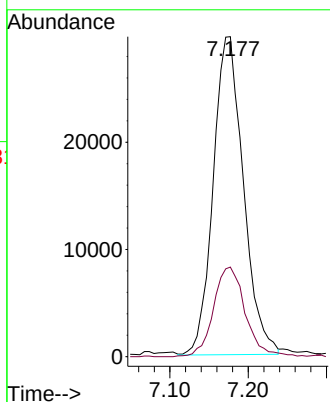
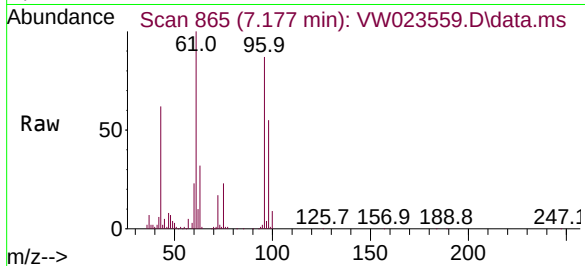




#22
2-Butanone
Concen: 60.513 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

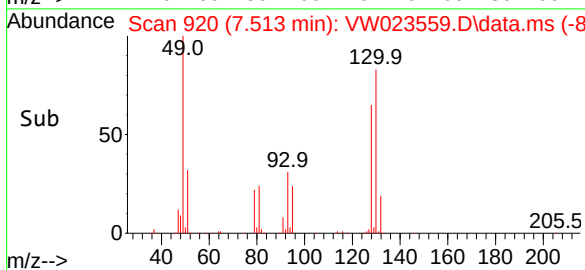
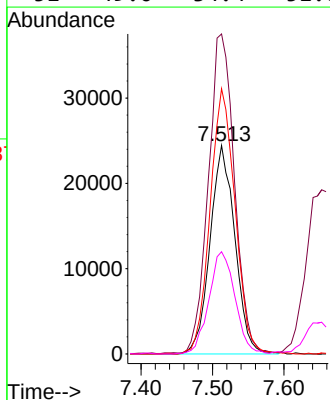
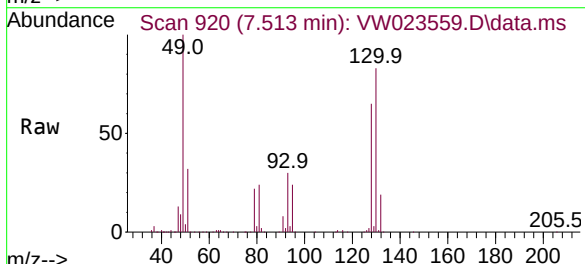
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

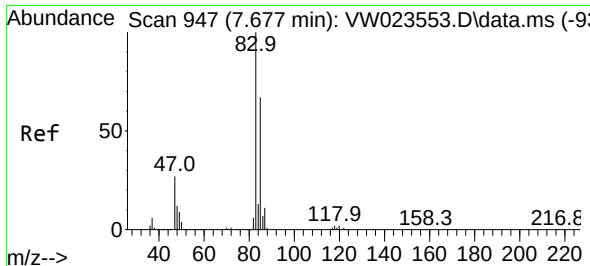
Tgt Ion: 43 Resp: 79478
Ion Ratio Lower Upper
43 100
72 29.6 15.4 46.1



#23
Bromochloromethane
Concen: 26.424 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 128 Resp: 58849
Ion Ratio Lower Upper
128 100
49 153.5 105.8 196.6
130 127.2 87.6 162.8
51 49.0 34.4 51.6

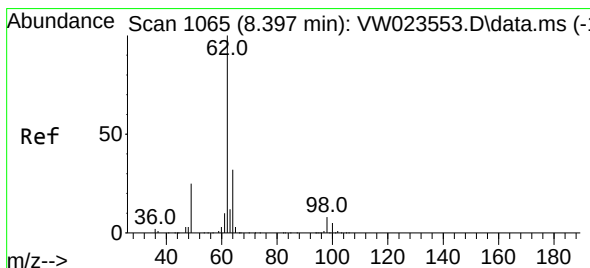
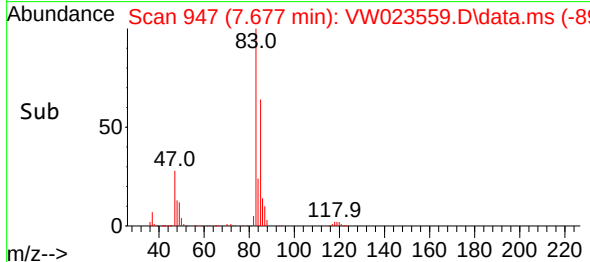
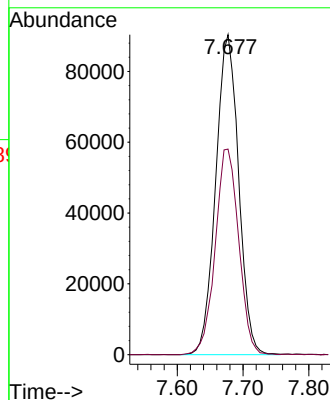
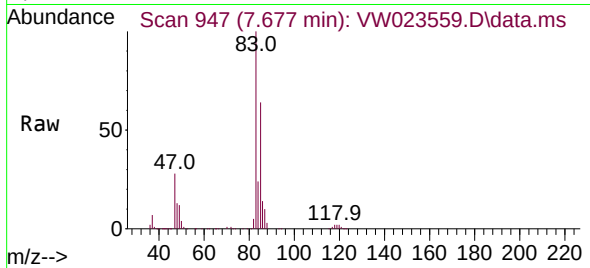




#25
Chloroform
Concen: 26.952 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

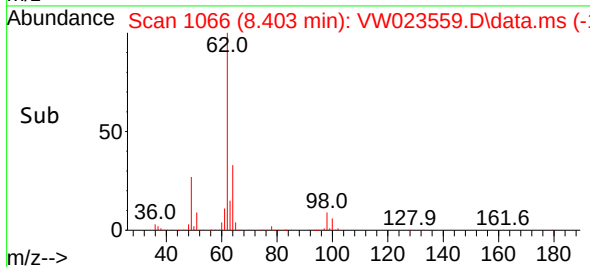
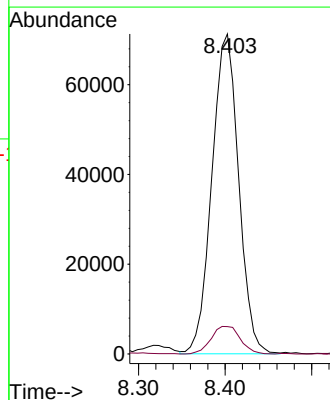
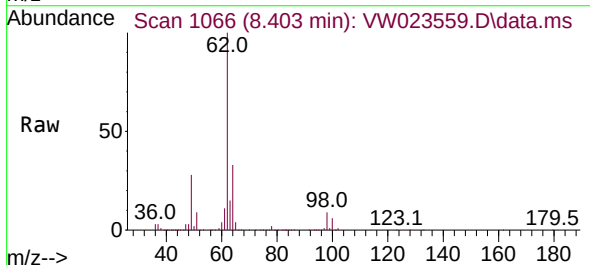
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

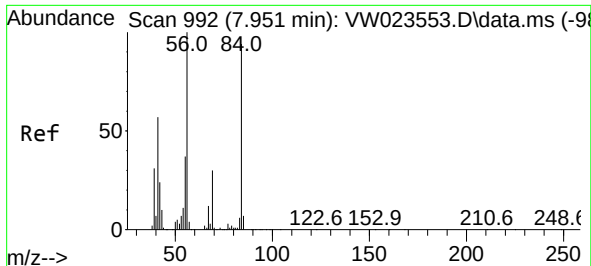
Tgt Ion: 83 Resp: 219089
Ion Ratio Lower Upper
83 100
85 64.2 47.0 87.4



#27
1,2-Dichloroethane
Concen: 28.498 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 62 Resp: 153153
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0

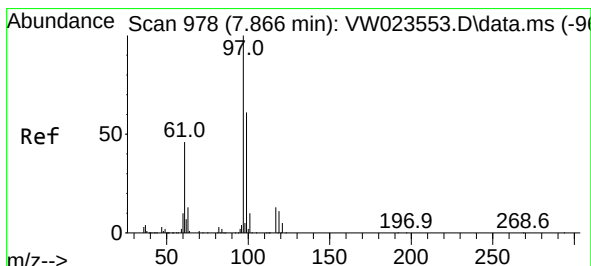
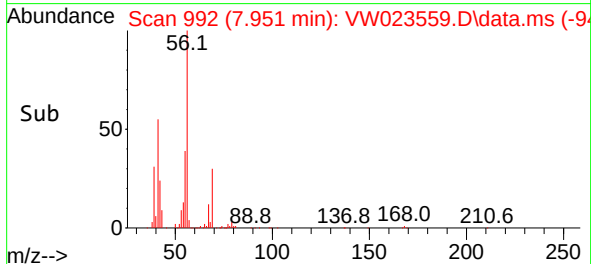
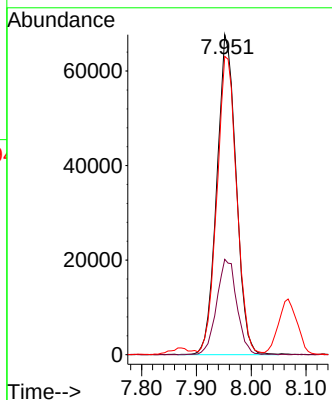
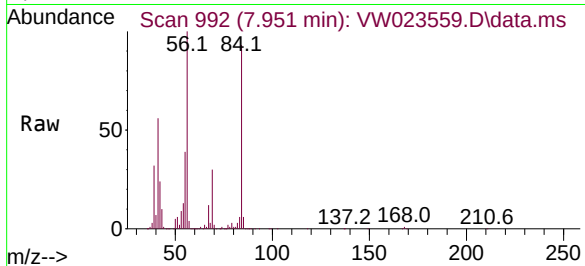




#29
Cyclohexane
Concen: 27.349 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

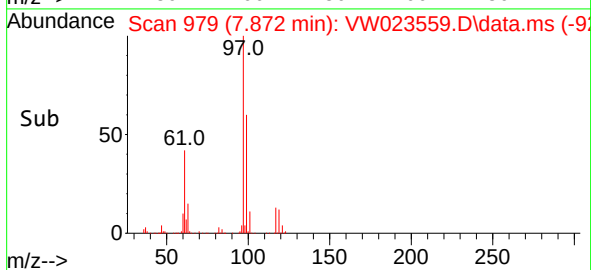
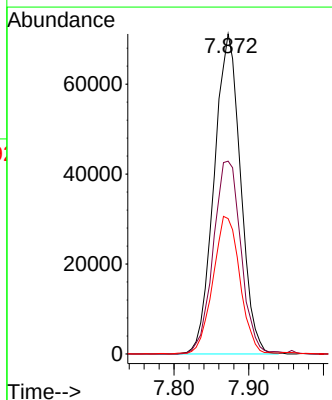
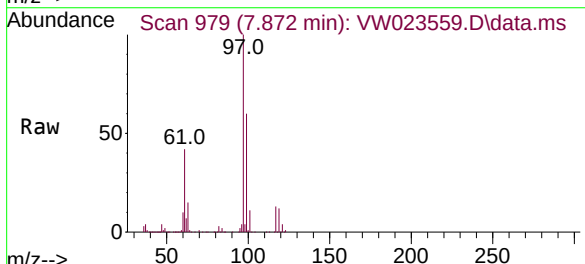
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

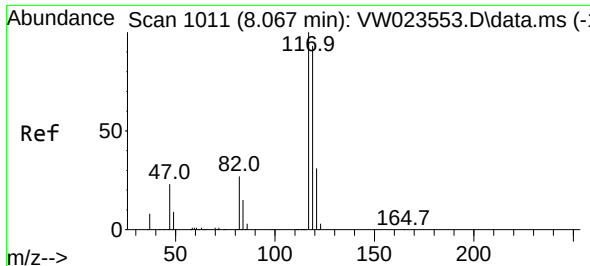
Tgt Ion: 56 Resp: 165824
Ion Ratio Lower Upper
56 100
69 31.1 25.6 38.4
84 95.6 77.0 115.6



#30
1,1,1-Trichloroethane
Concen: 25.143 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 97 Resp: 174870
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 43.8 35.8 53.8

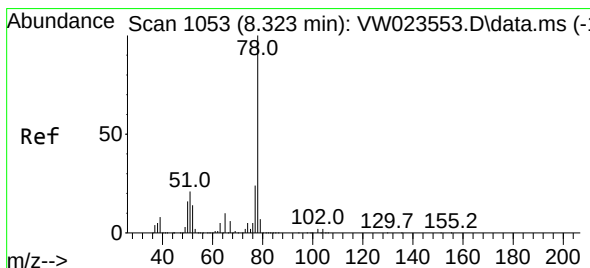
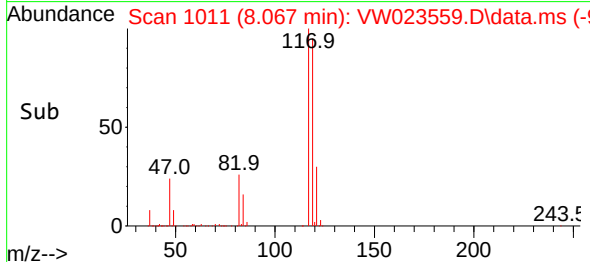
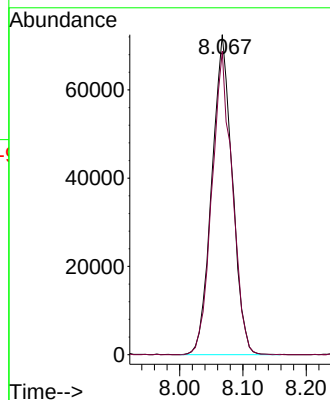
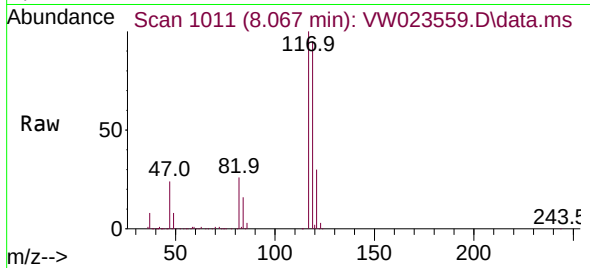




#31
Carbon tetrachloride
Concen: 25.894 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

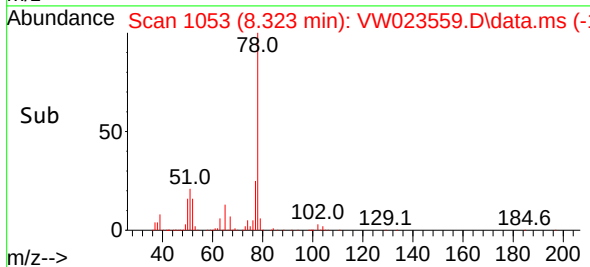
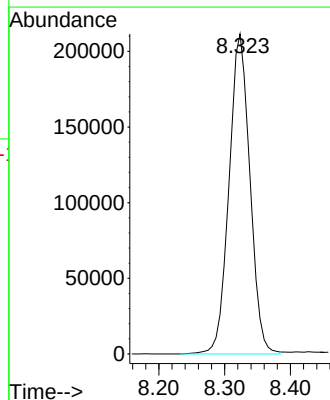
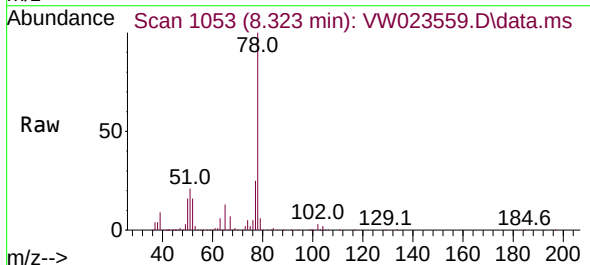
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

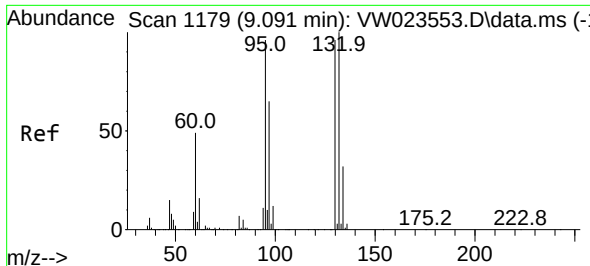
Tgt Ion:117 Resp: 162802
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1



#33
Benzene
Concen: 25.916 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 78 Resp: 467534

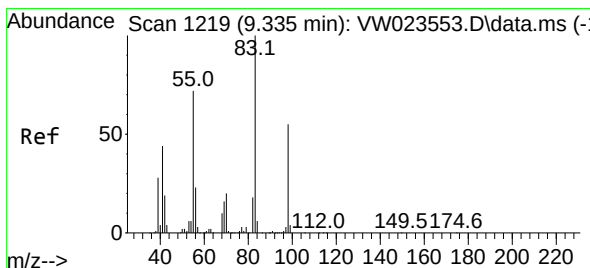
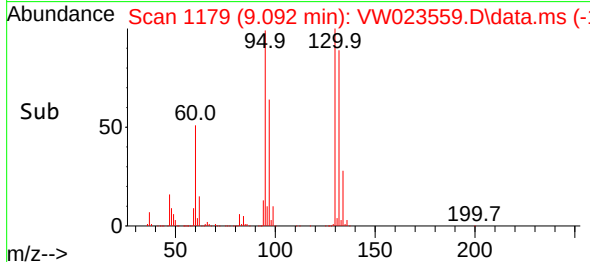
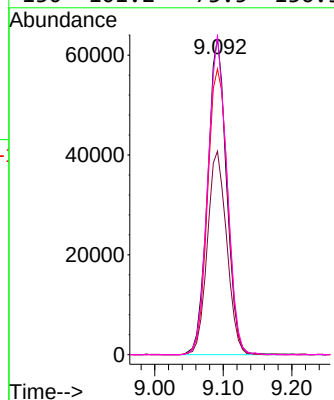
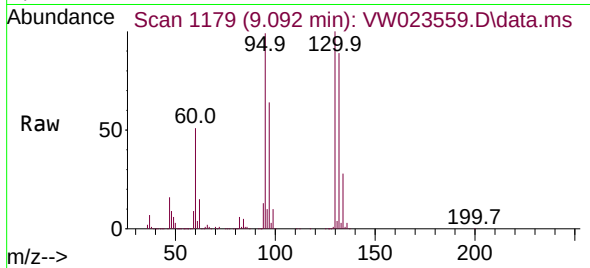




#34
Trichloroethene
Concen: 25.192 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

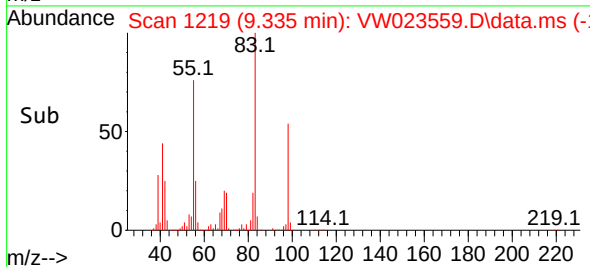
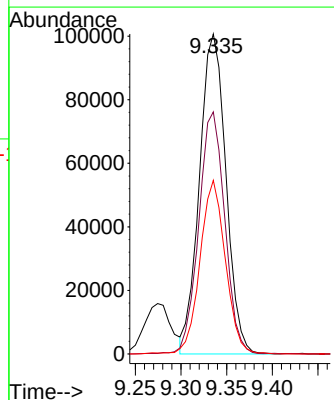
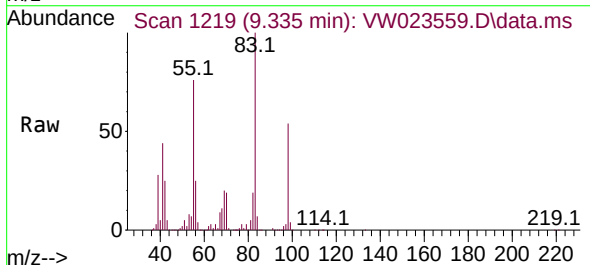
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

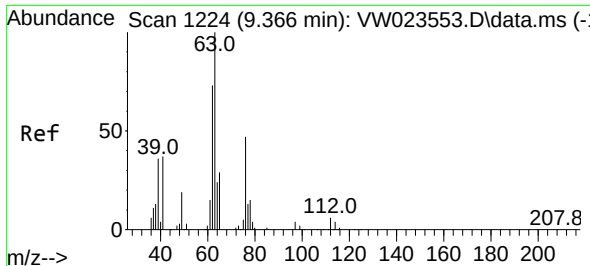
Tgt Ion: 95 Resp: 121765
Ion Ratio Lower Upper
95 100
97 64.4 47.5 88.1
132 90.4 68.9 127.9
130 101.2 73.5 136.5



#35
Methylcyclohexane
Concen: 26.706 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 83 Resp: 203112
Ion Ratio Lower Upper
83 100
55 74.3 57.0 85.6
98 51.8 40.2 60.4





#37

1,2-Dichloropropane

Concen: 26.442 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

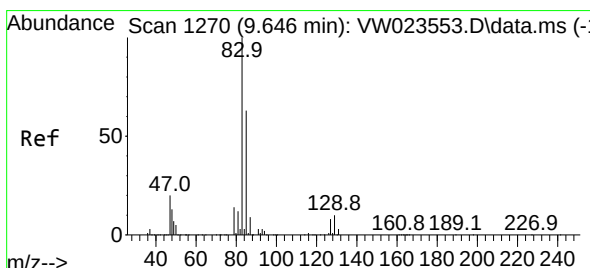
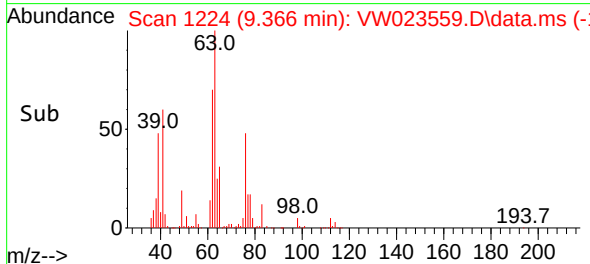
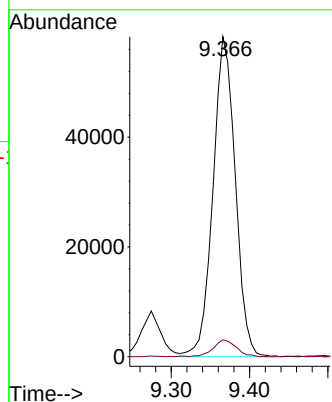
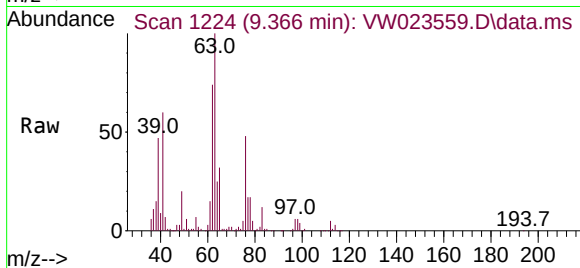
VSTD025587

Tgt Ion: 63 Resp: 115383

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 26.583 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

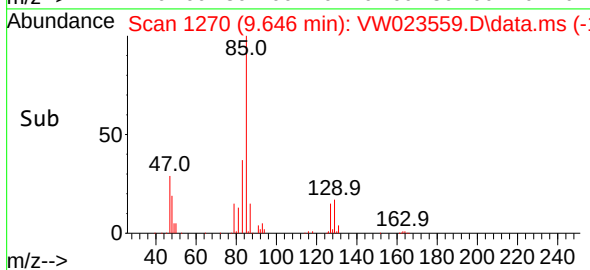
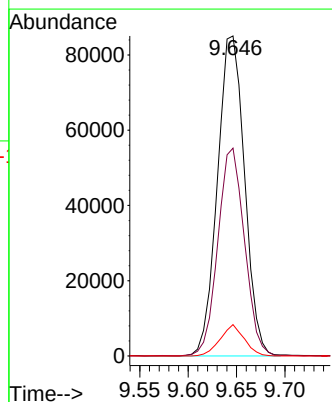
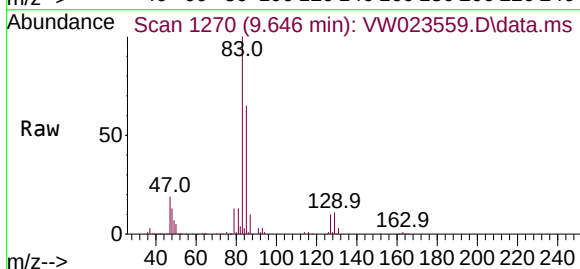
Tgt Ion: 83 Resp: 166077

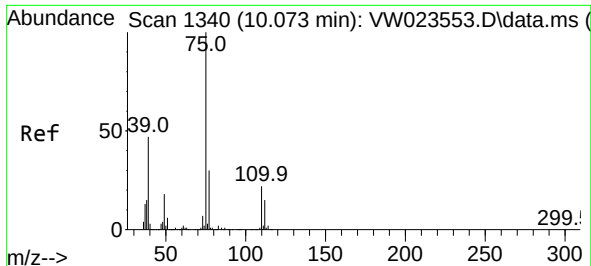
Ion Ratio Lower Upper

83 100

85 65.0 44.2 82.0

127 9.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.104 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

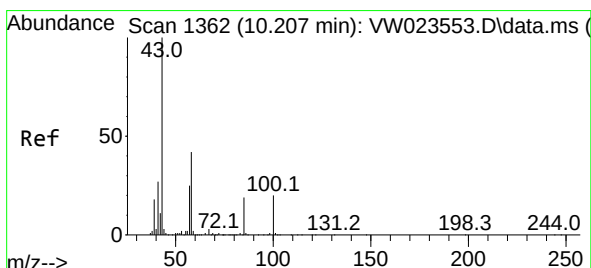
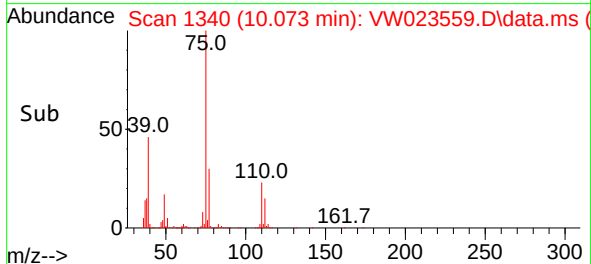
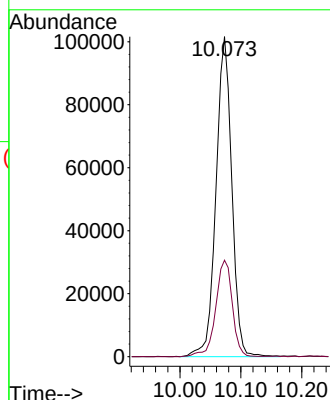
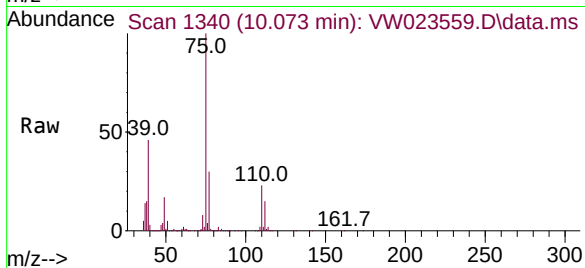
VSTD025587

Tgt Ion: 75 Resp: 183149

Ion Ratio Lower Upper

75 100

77 30.2 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 64.010 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

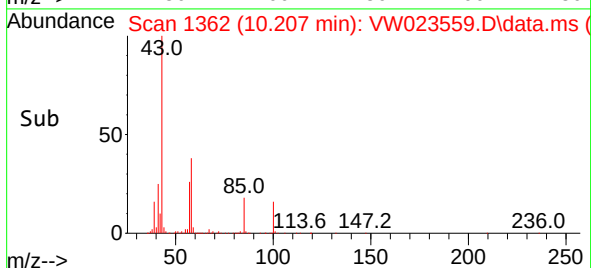
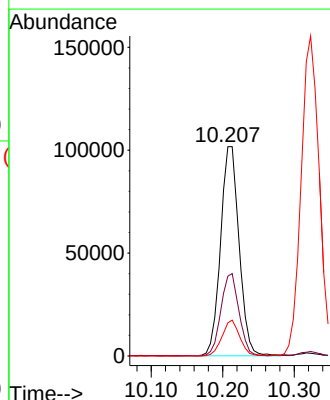
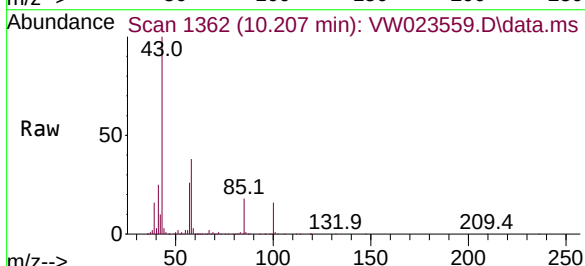
Tgt Ion: 43 Resp: 183065

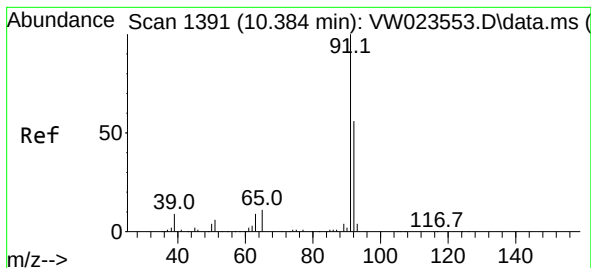
Ion Ratio Lower Upper

43 100

58 38.5 31.8 47.8

100 16.3 14.0 21.0





#42

Toluene

Concen: 27.005 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

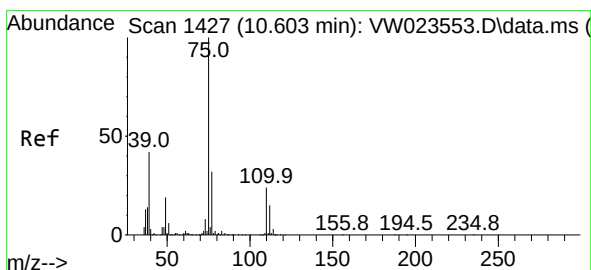
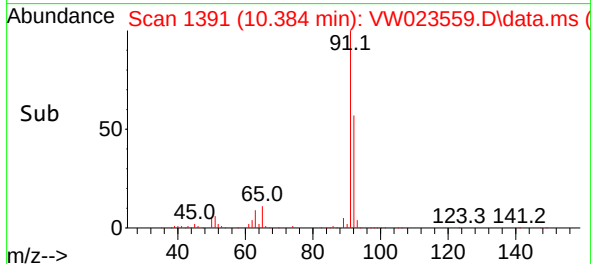
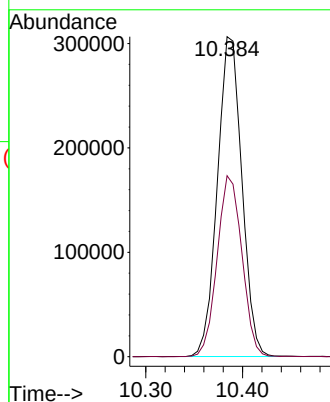
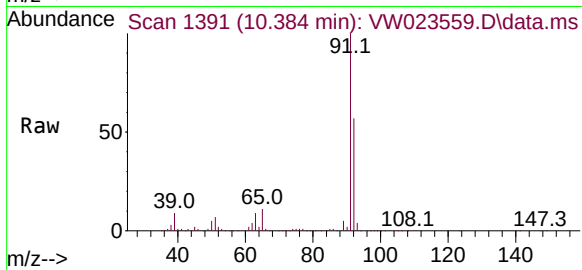
VSTD025587

Tgt Ion: 91 Resp: 538855

Ion Ratio Lower Upper

91 100

92 56.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 27.381 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023559.D

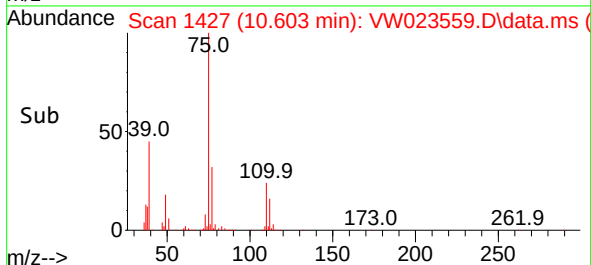
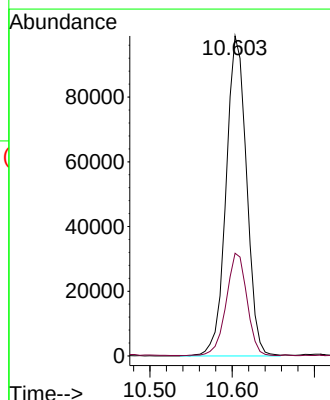
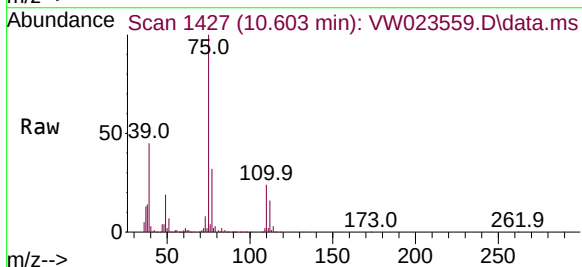
Acq: 01 Jul 2022 14:48

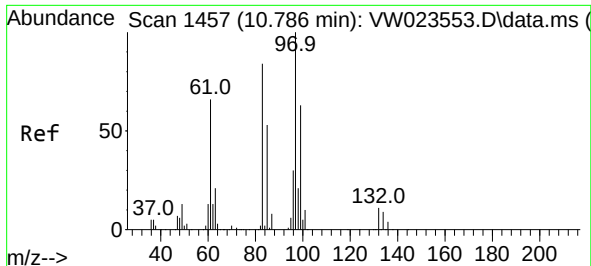
Tgt Ion: 75 Resp: 171002

Ion Ratio Lower Upper

75 100

77 32.1 22.9 42.5

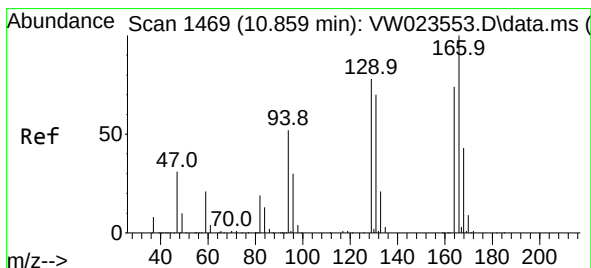
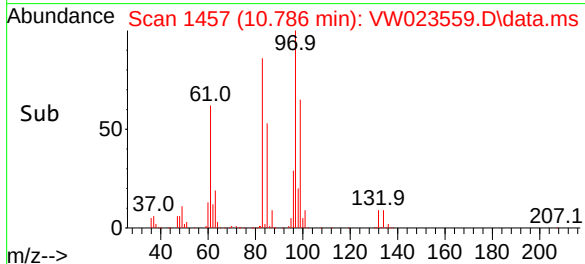
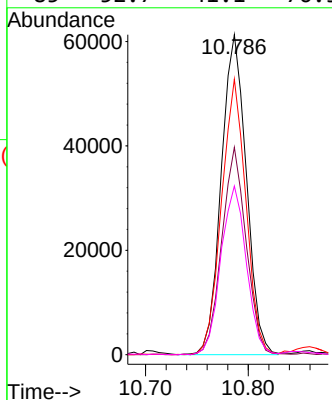
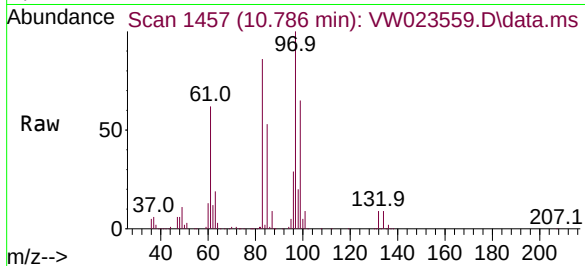




#45
1,1,2-Trichloroethane
Concen: 28.048 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

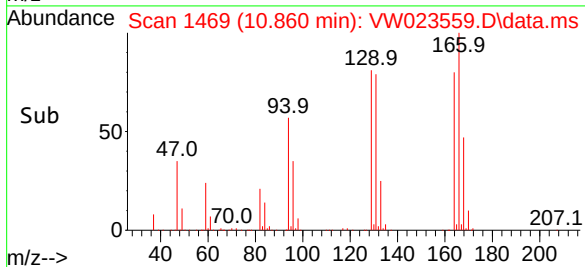
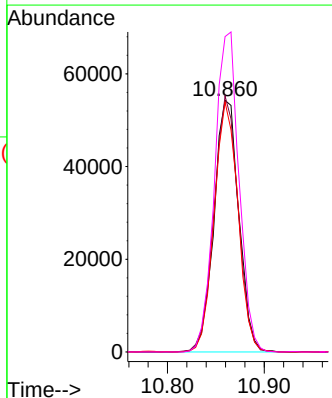
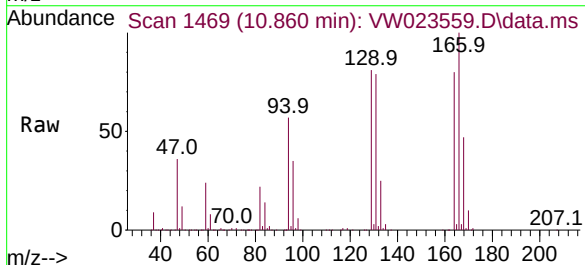
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

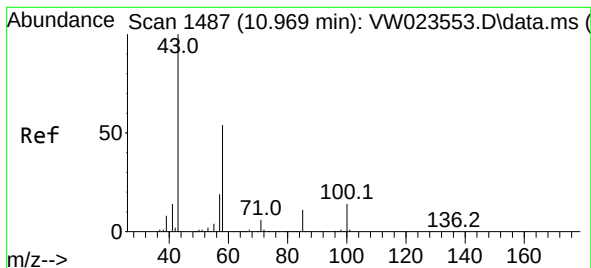
Tgt Ion:	97	Resp:	104067
Ion	Ratio	Lower	Upper
97	100		
99	64.8	43.9	81.5
83	86.1	59.8	111.0
85	52.7	41.1	76.3



#46
Tetrachloroethene
Concen: 24.834 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion:	164	Resp:	96538
Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.3	132.3
131	99.3	67.0	124.4
166	125.4	90.2	167.6





#48

2-Hexanone

Concen: 67.201 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

Tgt Ion: 43 Resp: 132005

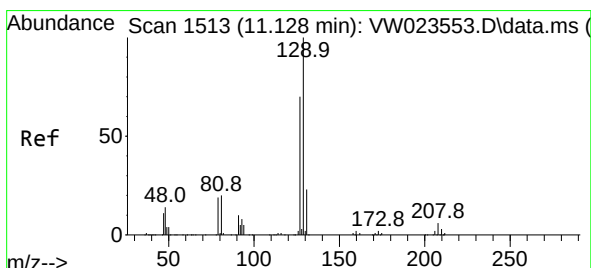
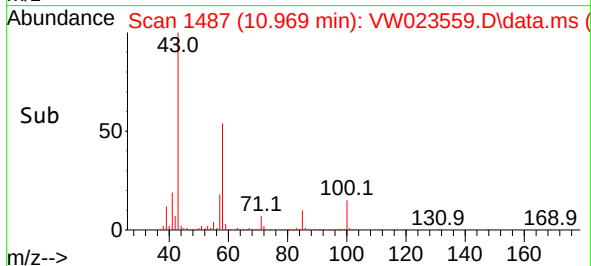
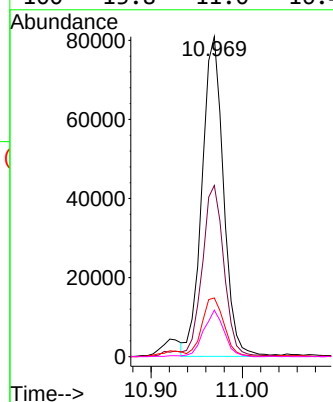
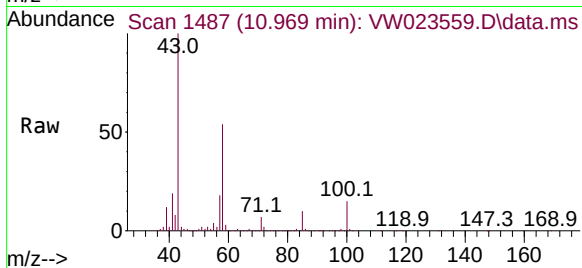
Ion Ratio Lower Upper

43 100

58 53.9 43.7 65.5

57 18.4 15.7 23.5

100 13.8 11.0 16.4



#49

Dibromochloromethane

Concen: 25.807 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023559.D

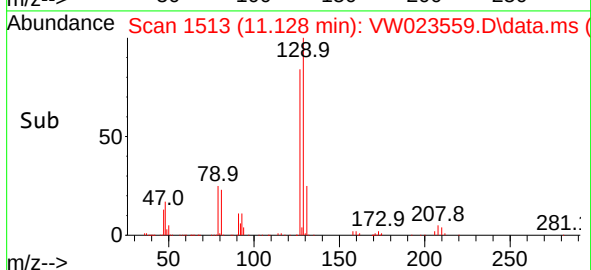
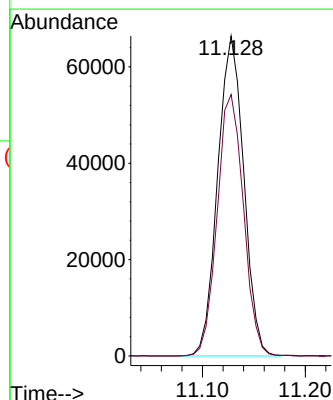
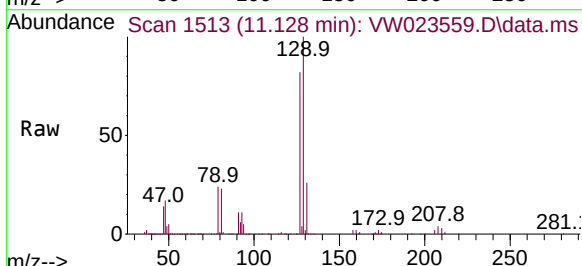
Acq: 01 Jul 2022 14:48

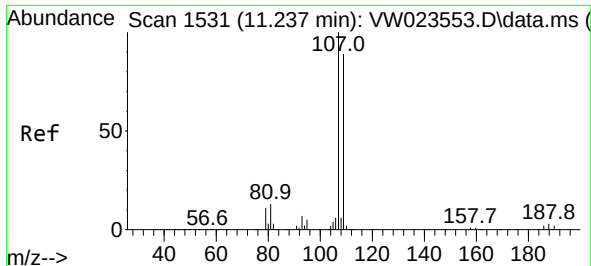
Tgt Ion: 129 Resp: 117001

Ion Ratio Lower Upper

129 100

127 81.7 52.7 97.9





#50

1,2-Dibromoethane

Concen: 27.620 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

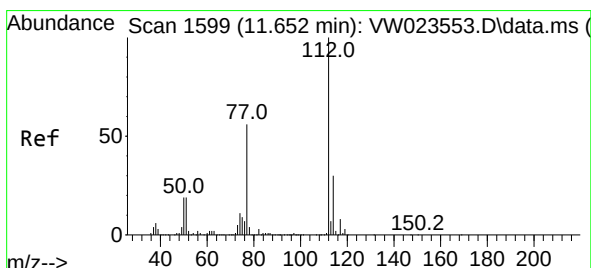
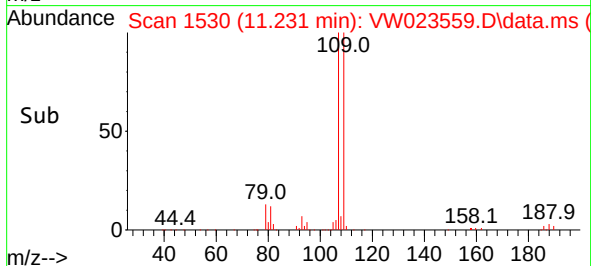
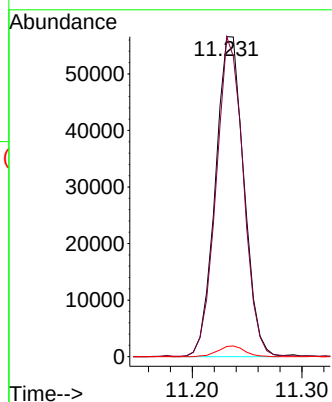
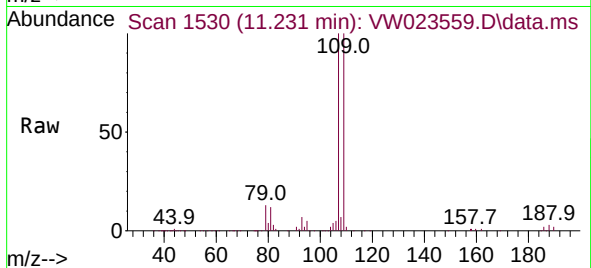
Tgt Ion:107 Resp: 102115

Ion Ratio Lower Upper

107 100

109 99.9 67.2 124.8

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 25.481 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

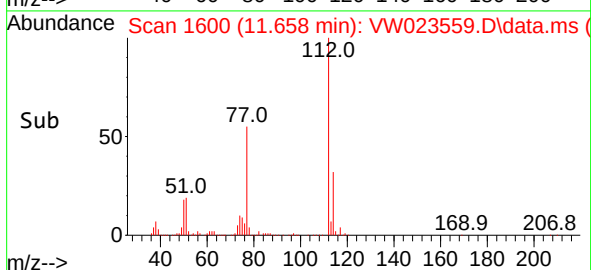
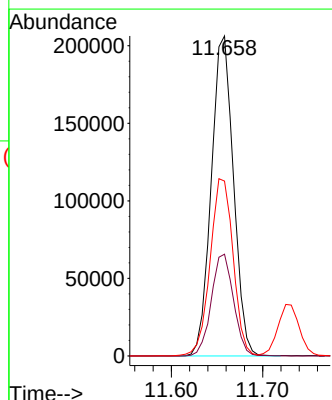
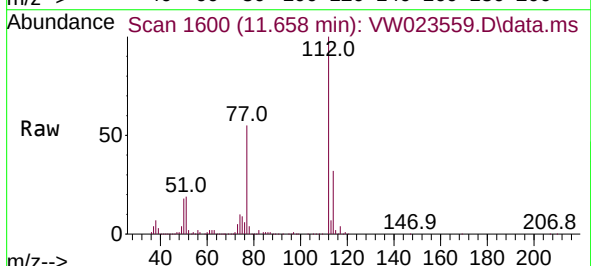
Tgt Ion:112 Resp: 347918

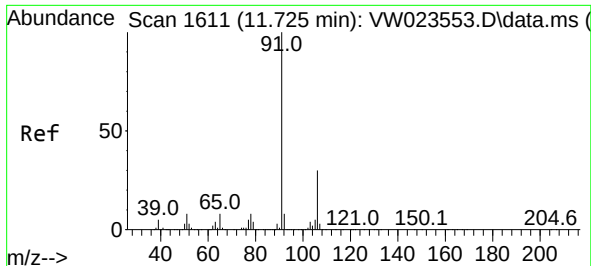
Ion Ratio Lower Upper

112 100

114 31.8 23.1 42.9

77 54.6 44.2 66.4

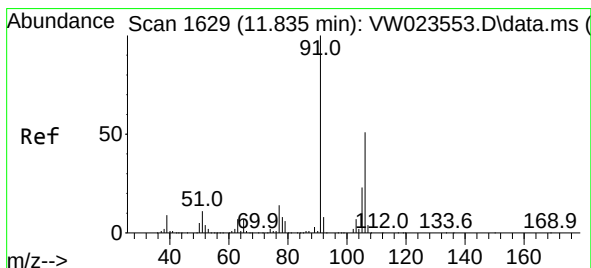
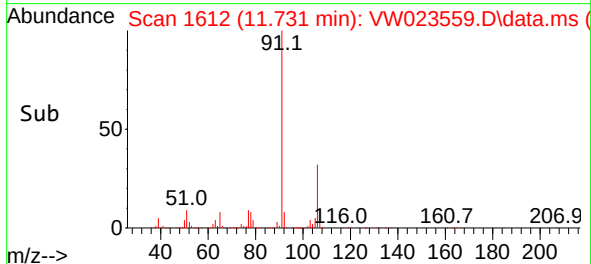
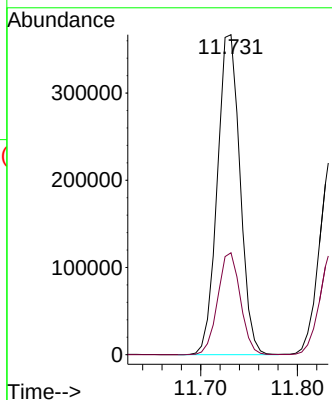
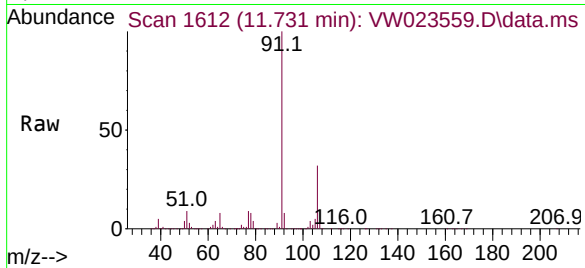




#52
Ethylbenzene
Concen: 26.862 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

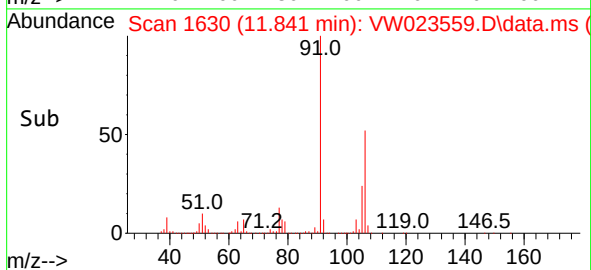
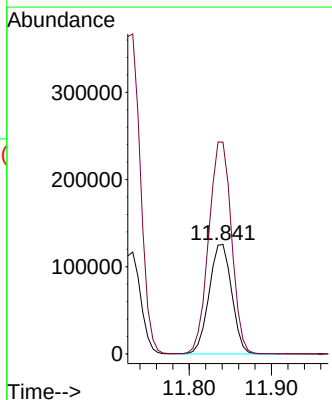
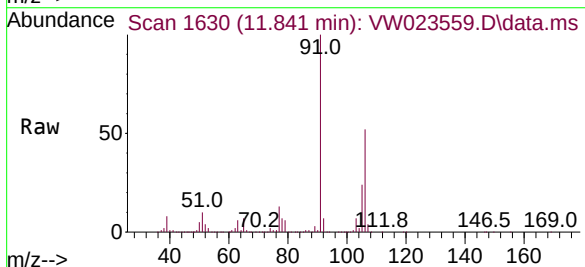
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

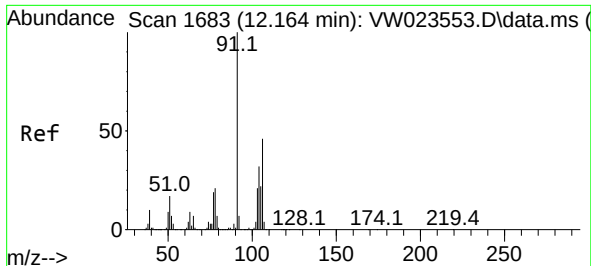
Tgt Ion: 91 Resp: 597860
Ion Ratio Lower Upper
91 100
106 31.8 21.4 39.8



#53
m,p-Xylene
Concen: 27.488 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 106 Resp: 240533
Ion Ratio Lower Upper
106 100
91 193.7 140.8 261.6

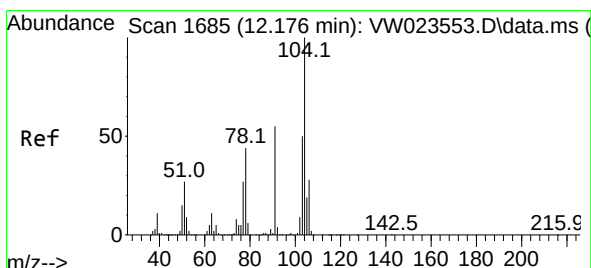
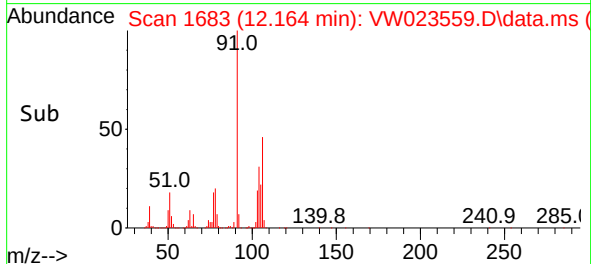
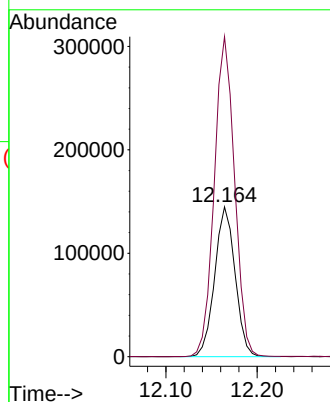
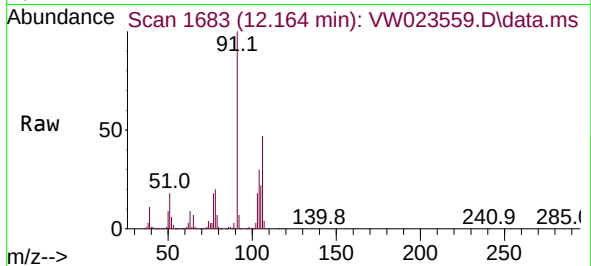




#54
o-Xylene
Concen: 27.237 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

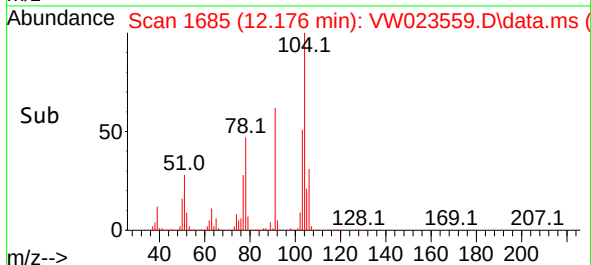
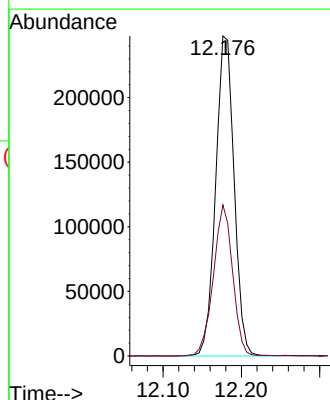
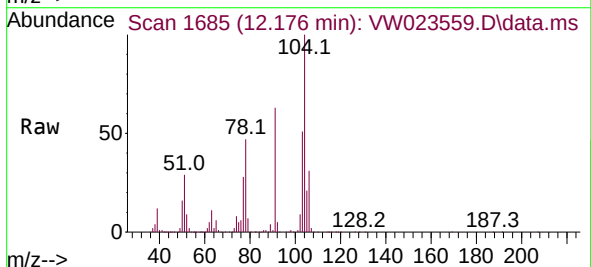
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

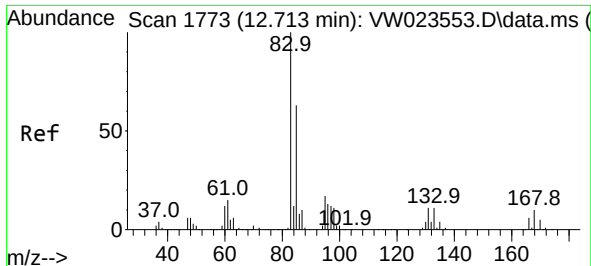
Tgt Ion:106 Resp: 225121
Ion Ratio Lower Upper
106 100
91 213.7 149.3 277.3



#55
Styrene
Concen: 28.110 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion:104 Resp: 406053
Ion Ratio Lower Upper
104 100
78 47.2 32.3 59.9

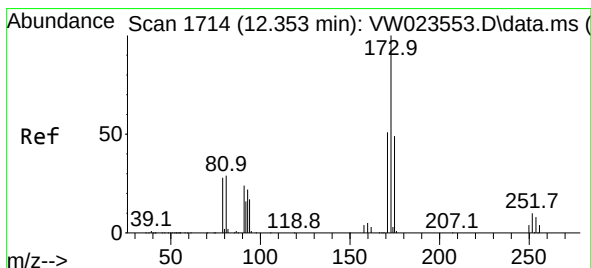
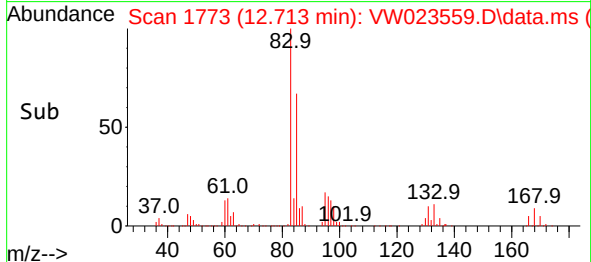
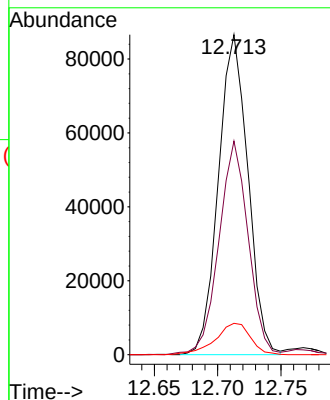
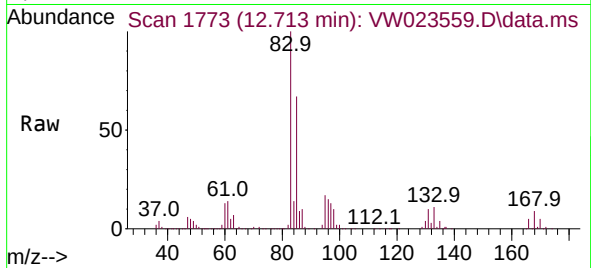




#57
1,1,2-Tetrachloroethane
Concen: 29.404 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

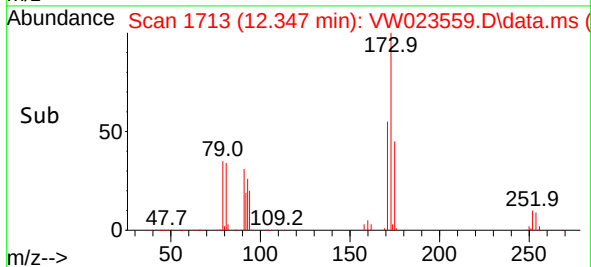
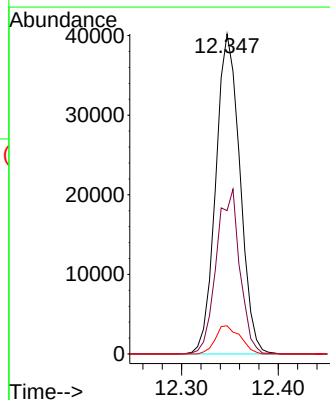
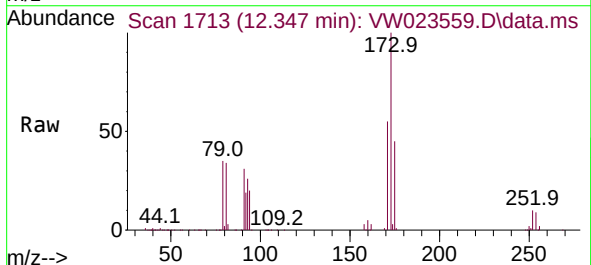
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

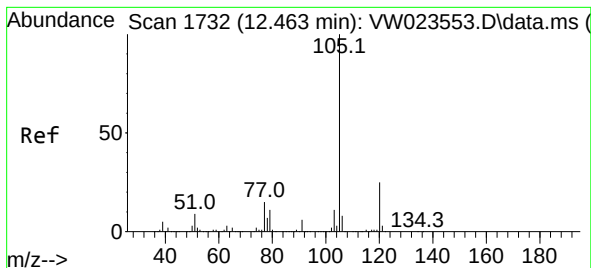
Tgt Ion: 83 Resp: 140313
Ion Ratio Lower Upper
83 100
85 66.8 44.0 81.6
131 9.8 8.5 12.7



#59
Bromoform
Concen: 26.184 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion: 173 Resp: 69770
Ion Ratio Lower Upper
173 100
175 49.8 37.9 56.9
254 9.1 7.0 10.4





#60

Isopropylbenzene

Concen: 25.813 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

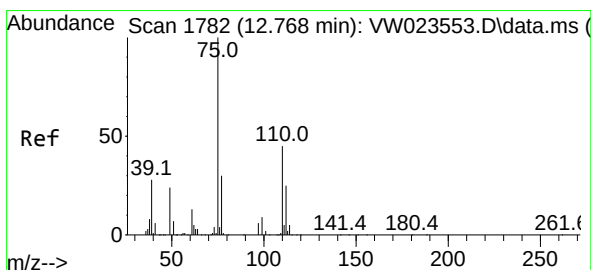
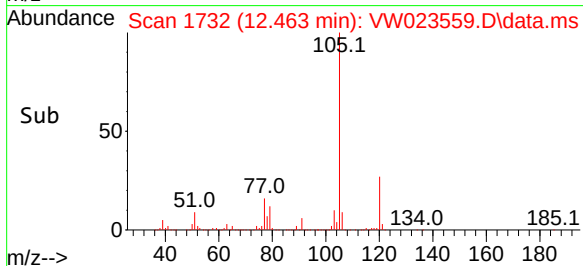
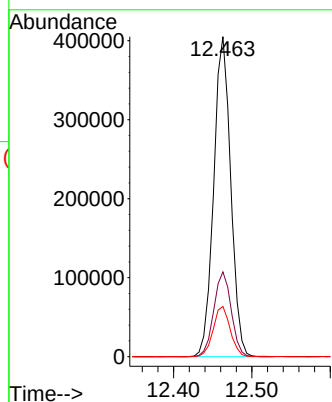
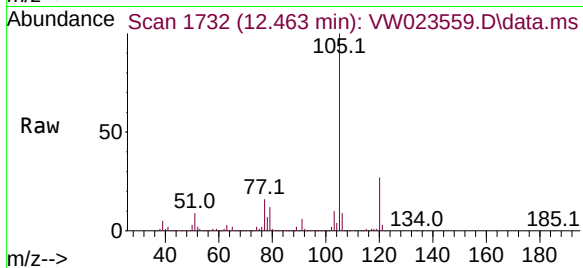
Tgt Ion:105 Resp: 611561

Ion Ratio Lower Upper

105 100

120 27.1 21.3 31.9

77 15.7 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 27.663 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

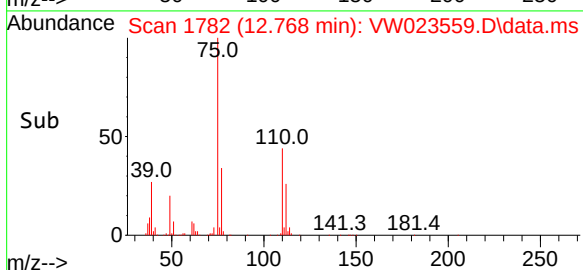
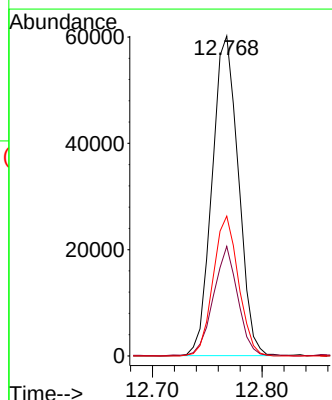
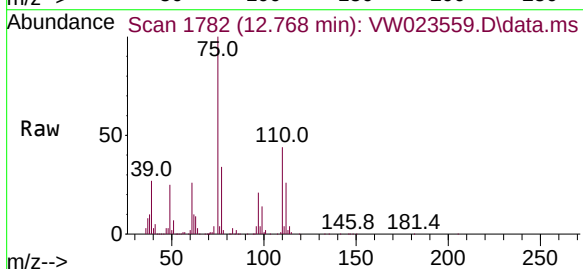
Tgt Ion: 75 Resp: 100073

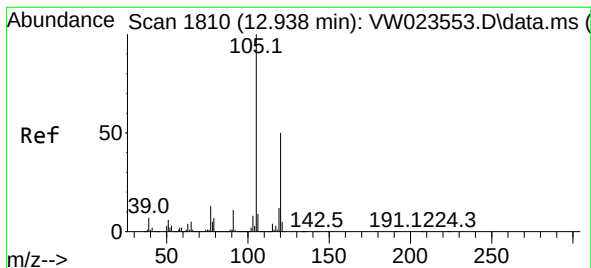
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

110 42.2 34.3 51.5

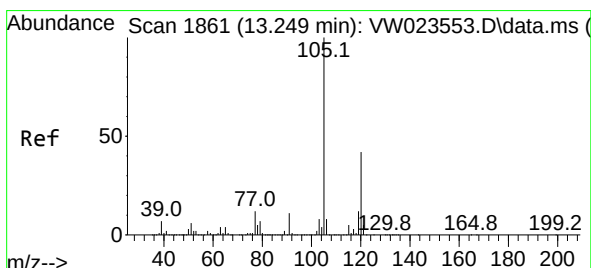
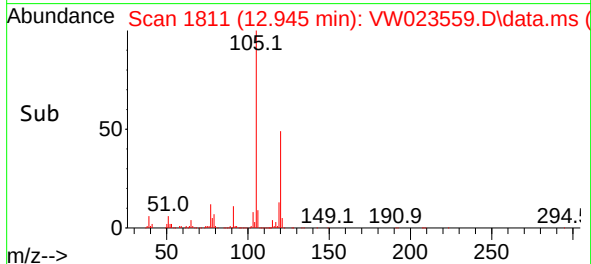
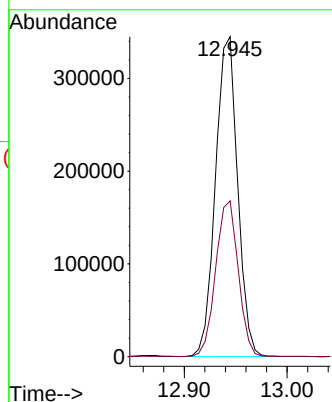
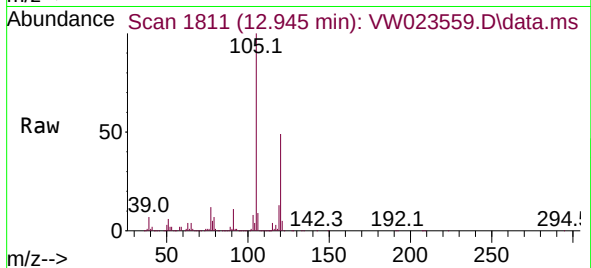




#62
 1,3,5-Trimethylbenzene
 Concen: 26.165 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

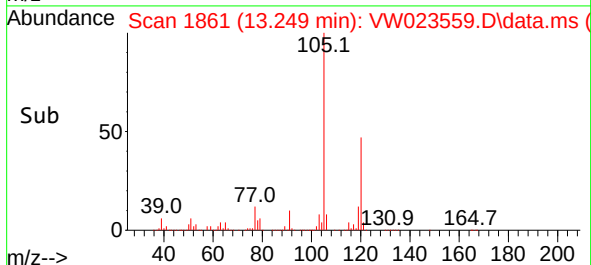
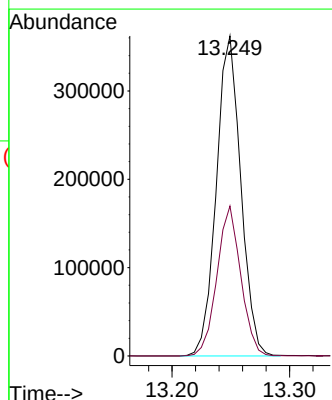
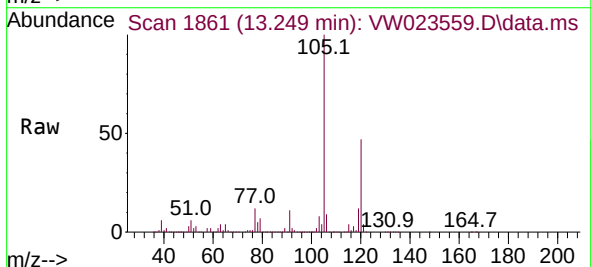
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

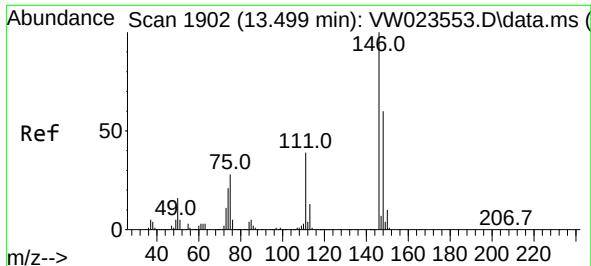
Tgt Ion:105 Resp: 515023
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 26.540 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023559.D
 Acq: 01 Jul 2022 14:48

Tgt Ion:105 Resp: 524255
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.9 55.3

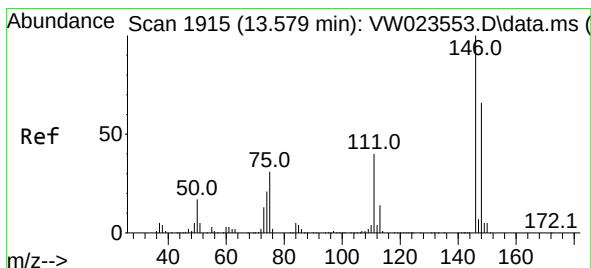
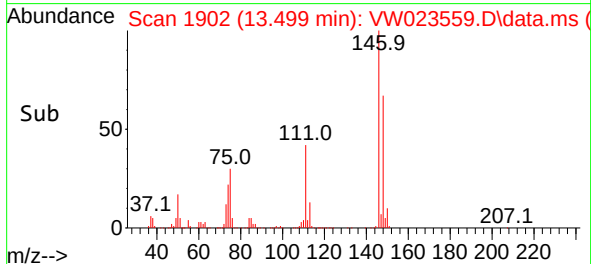
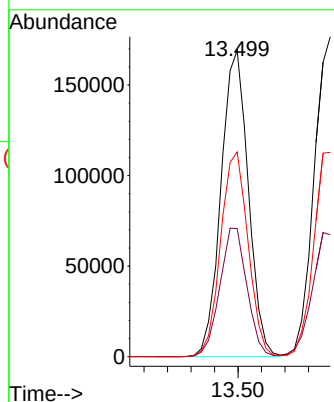
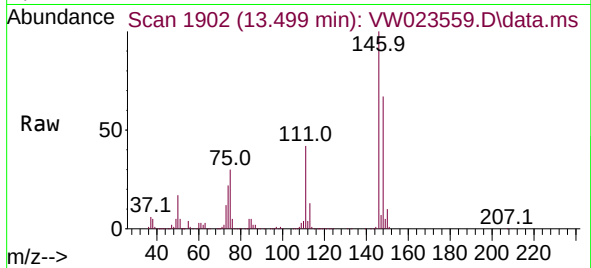




#64
1,3-Dichlorobenzene
Concen: 23.956 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

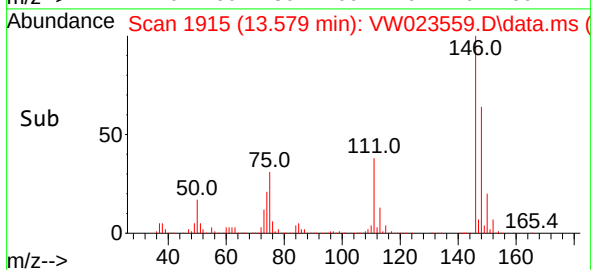
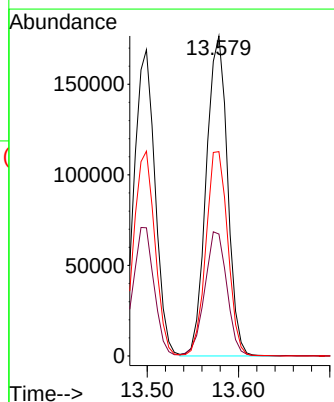
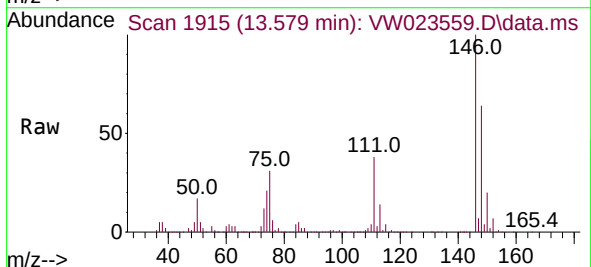
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

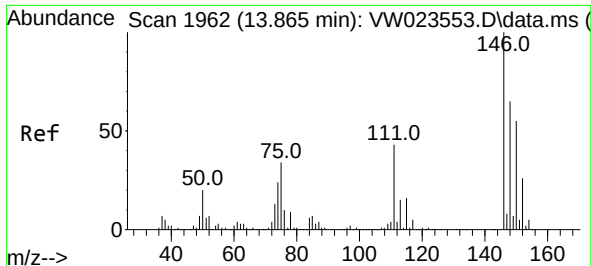
Tgt Ion:146 Resp: 272783
Ion Ratio Lower Upper
146 100
111 41.8 26.7 49.7
148 66.9 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 24.727 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion:146 Resp: 285550
Ion Ratio Lower Upper
146 100
111 38.1 28.2 52.4
148 63.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.129 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

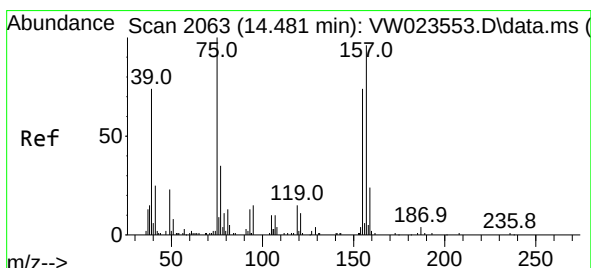
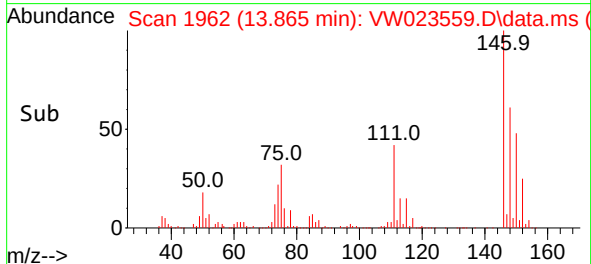
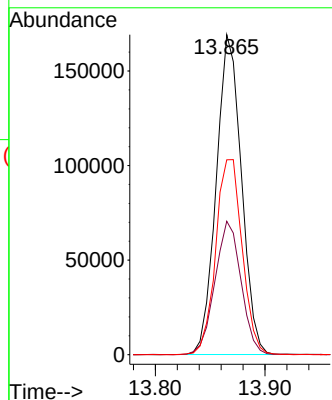
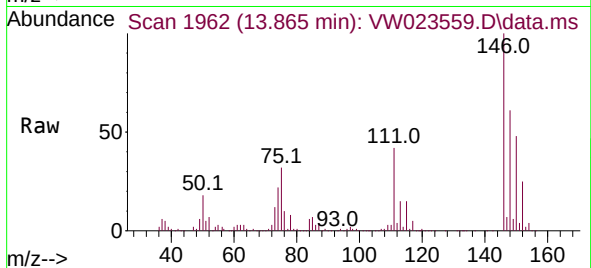
Tgt Ion:146 Resp: 269621

Ion Ratio Lower Upper

146 100

111 41.7 30.6 45.8

148 60.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 28.057 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

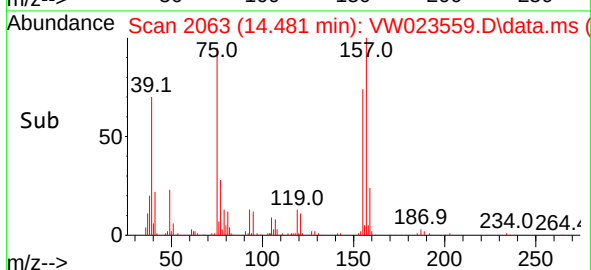
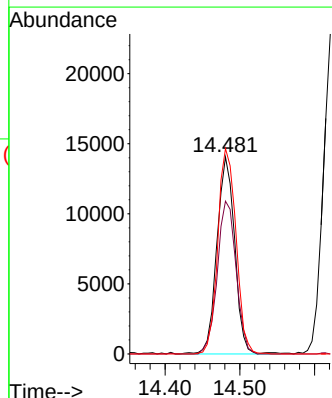
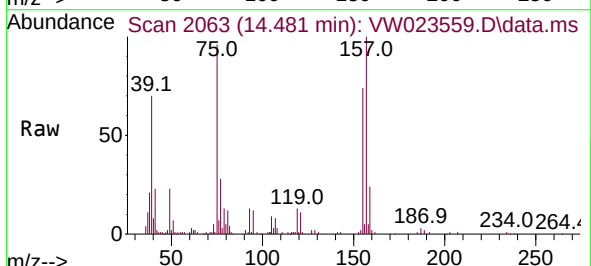
Tgt Ion: 75 Resp: 23212

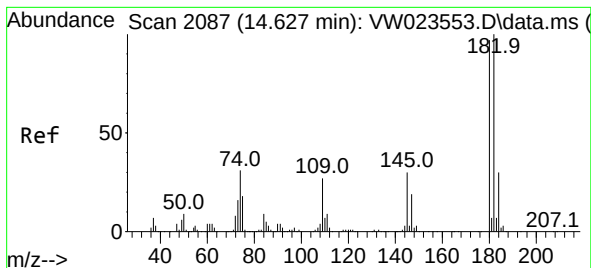
Ion Ratio Lower Upper

75 100

155 77.6 63.8 95.6

157 104.4 85.0 127.4





#69

1,3,5-Trichlorobenzene

Concen: 25.023 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

Tgt Ion:180 Resp: 190237

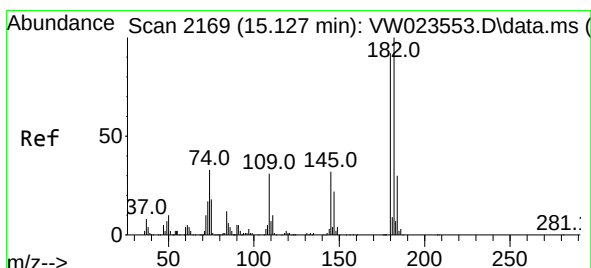
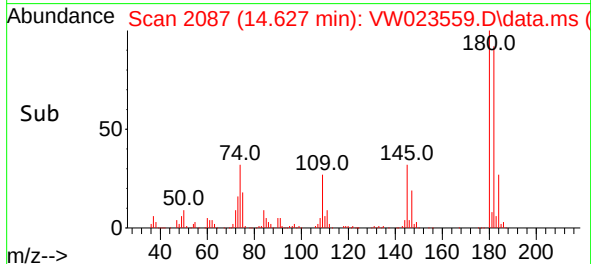
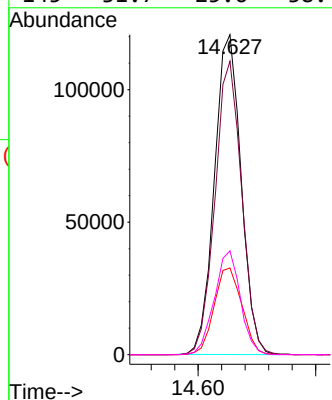
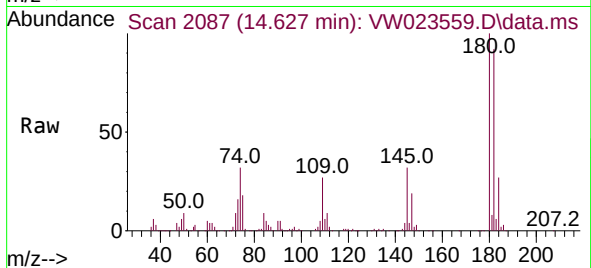
Ion Ratio Lower Upper

180 100

182 91.6 75.5 113.3

184 28.4 24.6 36.8

145 31.7 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 25.359 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023559.D

Acq: 01 Jul 2022 14:48

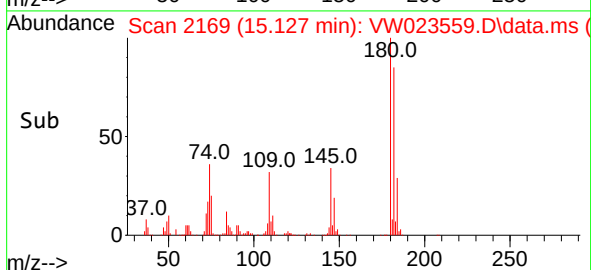
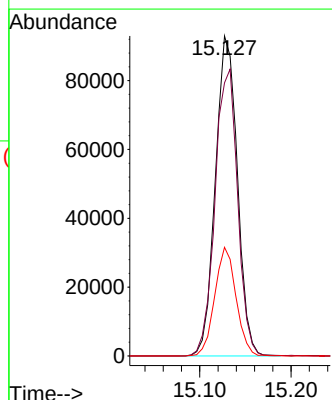
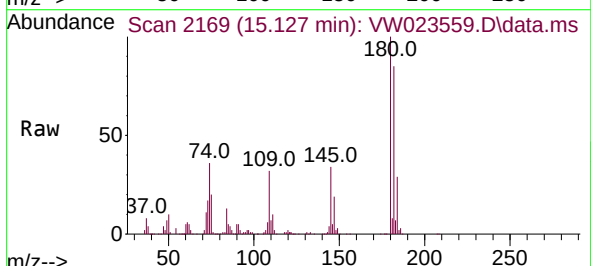
Tgt Ion:180 Resp: 155583

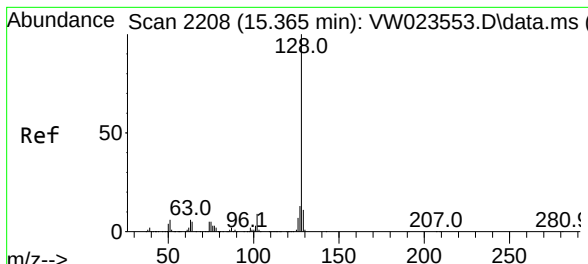
Ion Ratio Lower Upper

180 100

182 92.2 77.0 115.4

145 32.8 26.1 39.1



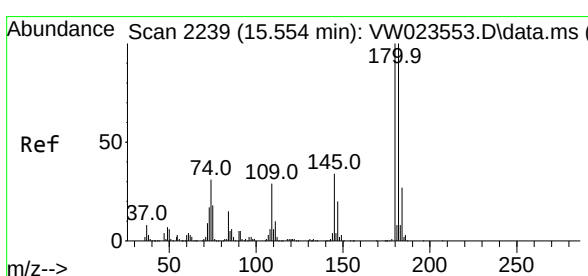
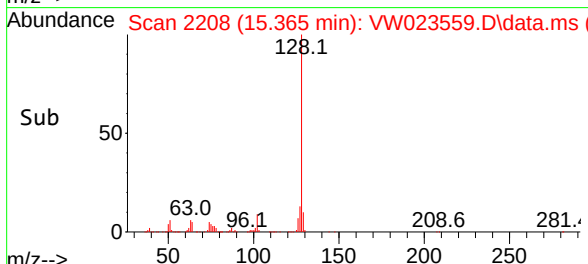
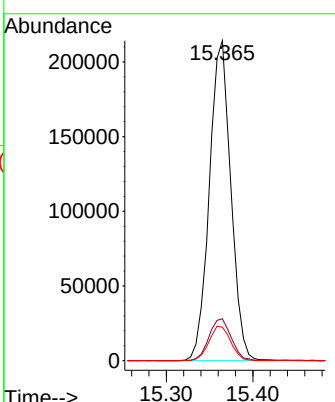
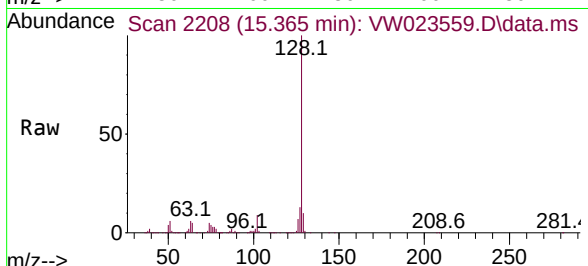


#71
Naphthalene
Concen: 28.969 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

Tgt Ion:128 Resp: 368745

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	11.0	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.079 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023559.D
Acq: 01 Jul 2022 14:48

Tgt Ion:180 Resp: 140432

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.6	113.4
145	35.2	28.2	42.2

