

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023116.D
 Acq On : 17 May 2022 22:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: May 18 04:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 03:02:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	330732	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	179695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	148322	21.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
7) Chloroethane-d5	2.879	69	101831	23.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
11) 1,1-Dichloroethene-d2	4.019	63	179844	20.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.040%
21) 2-Butanone-d5	7.074	46	73619	57.063	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.120%
24) Chloroform-d	7.647	84	253696	26.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.720%
26) 1,2-Dichloroethane-d4	8.305	65	143585	27.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.080%
32) Benzene-d6	8.274	84	481963	25.521	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.080%
36) 1,2-Dichloropropane-d6	9.274	67	139553	26.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	10.323	98	472604	25.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.640%
43) trans-1,3-Dichloroprop...	10.579	79	65077	26.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.560%
47) 2-Hexanone-d5	10.920	63	61810	61.035	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146334	29.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	180703	28.767	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	34508	19.140	ug/L	97
3) Chloromethane	2.209	50	80433	23.087	ug/L	100
5) Vinyl chloride	2.355	62	135104	19.323	ug/L	96
6) Bromomethane	2.769	94	84067	18.726	ug/L	94
8) Chloroethane	2.916	64	69360	20.567	ug/L	95
9) Trichlorofluoromethane	3.257	101	58505	18.307	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	101859	21.316	ug/L	97
12) 1,1-Dichloroethene	4.037	96	88392	20.867	ug/L	88
13) Acetone	4.123	43	39064	40.443	ug/L	97
14) Carbon disulfide	4.385	76	174873	15.058	ug/L	98
16) Methylene chloride	4.909	84	113707	23.496	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	98706	20.707	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	196304	26.976	ug/L	100
19) 1,1-Dichloroethane	6.214	63	186482	23.082	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	120818	23.597	ug/L #	93
22) 2-Butanone	7.171	43	65496	48.486	ug/L	97
23) Bromochloromethane	7.519	128	59504	24.816	ug/L #	82
25) Chloroform	7.677	83	221443	24.788	ug/L	93
27) 1,2-Dichloroethane	8.396	62	148250	24.895	ug/L	98

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 Response via : Initial Calibration

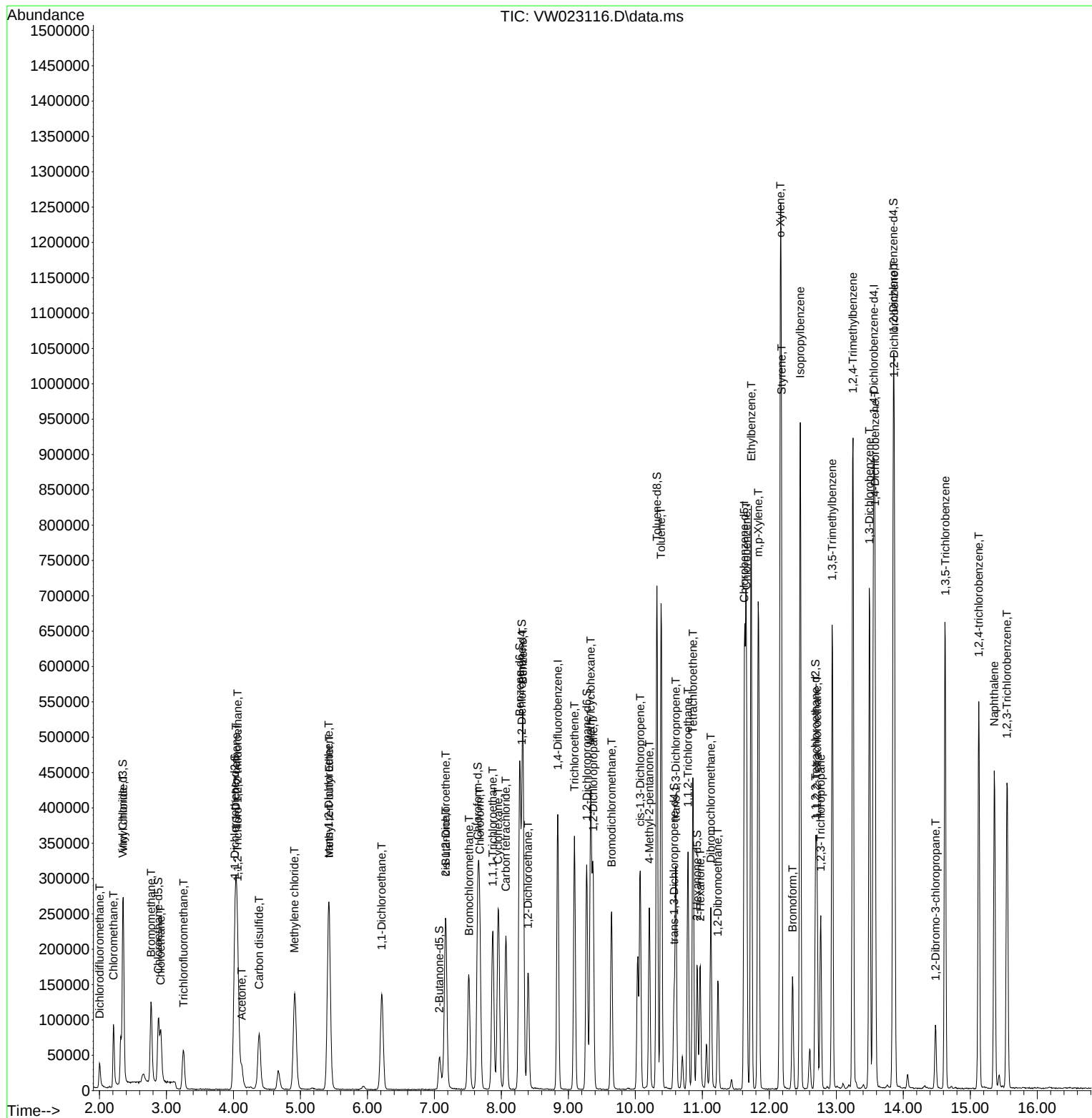
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	138877	19.599	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	178550	23.060	ug/L	99
31) Carbon tetrachloride	8.067	117	160162	22.113	ug/L	99
33) Benzene	8.323	78	437249	22.653	ug/L	100
34) Trichloroethene	9.091	95	117434	22.123	ug/L	95
35) Methylcyclohexane	9.335	83	173499	19.896	ug/L	97
37) 1,2-Dichloropropane	9.372	63	112997	24.191	ug/L	100
38) Bromodichloromethane	9.646	83	163254	24.607	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	179990	24.851	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	157813	53.603	ug/L	99
42) Toluene	10.384	91	509503	23.554	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	164580	25.459	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101494	25.992	ug/L	97
46) Tetrachloroethene	10.859	164	91400	22.912	ug/L	87
48) 2-Hexanone	10.969	43	104335	53.040	ug/L	99
49) Dibromochloromethane	11.128	129	124799	26.555	ug/L	98
50) 1,2-Dibromoethane	11.231	107	98659	25.163	ug/L	97
51) Chlorobenzene	11.658	112	350468	24.576	ug/L	98
52) Ethylbenzene	11.731	91	571786	23.760	ug/L	99
53) m,p-Xylene	11.835	106	231109	24.373	ug/L	96
54) o-Xylene	12.164	106	231751	25.469	ug/L	95
55) Styrene	12.182	104	397182	25.688	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	132845	27.238	ug/L	97
59) Bromoform	12.347	173	67481	26.498	ug/L	98
60) Isopropylbenzene	12.463	105	621453	25.244	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95150	26.501	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	349363	25.509	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	520943	25.332	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	285469	25.973	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	284308	25.043	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	261893	26.039	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	21679	27.627	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.627	180	189185	25.931	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	160943	27.424	ug/L	99
71) Naphthalene	15.359	128	381989	29.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	142339	27.365	ug/L	96

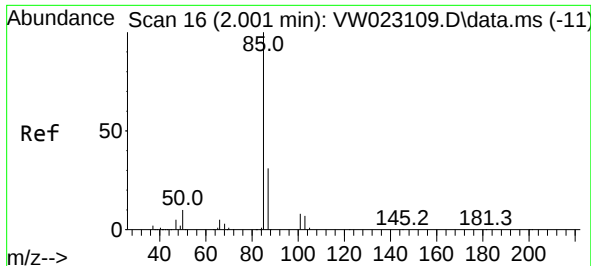
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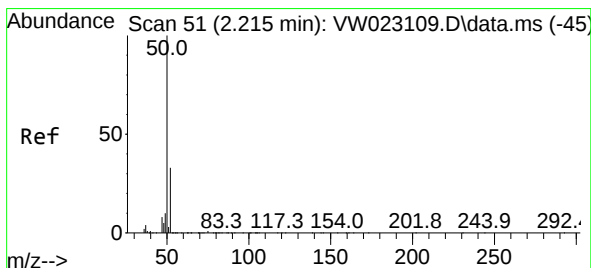
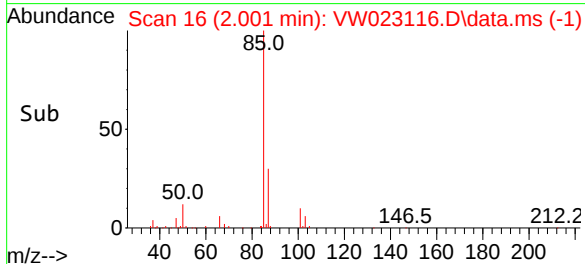
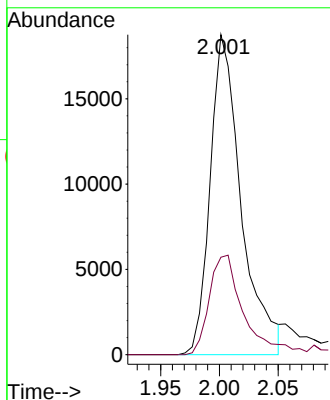
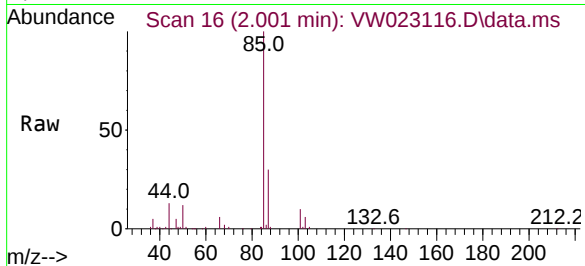




#2
 Dichlorodifluoromethane
 Concen: 19.140 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

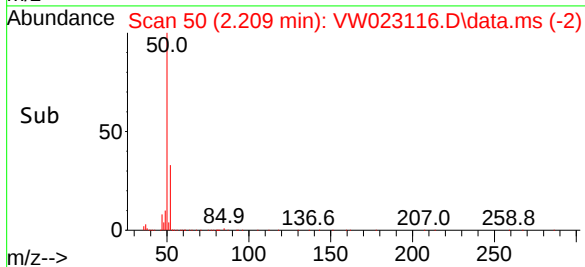
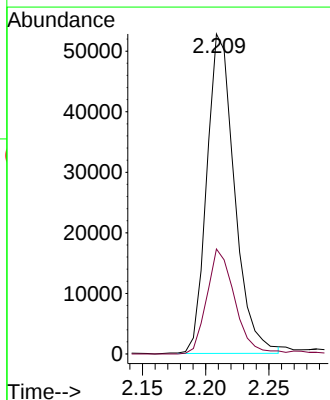
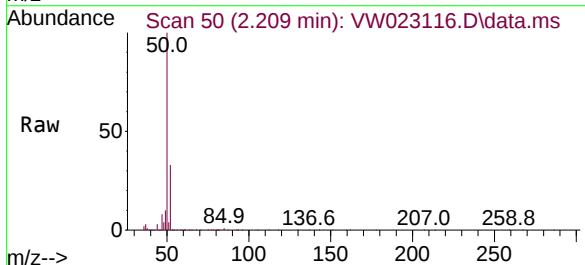
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 ClientSampleId :
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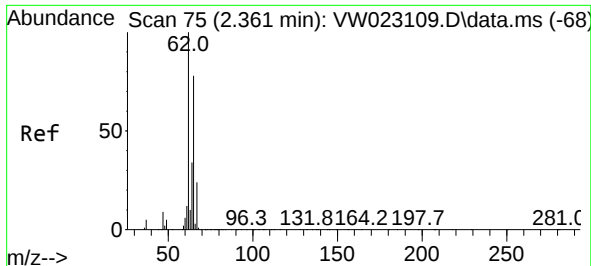
Tgt Ion: 85 Resp: 34508
 Ion Ratio Lower Upper
 85 100
 87 32.9 27.8 41.8



#3
 Chloromethane
 Concen: 23.087 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

Tgt Ion: 50 Resp: 80433
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.1 42.9

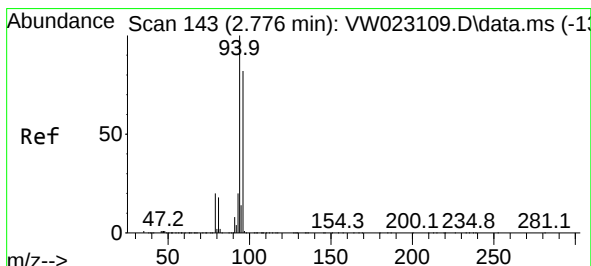
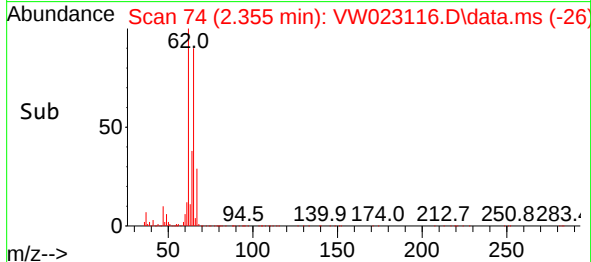
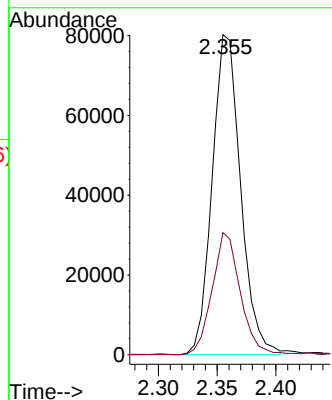
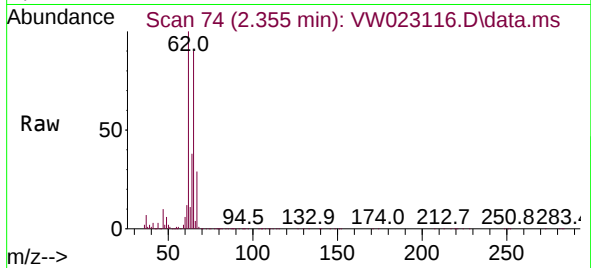




#5
 Vinyl chloride
 Concen: 19.323 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

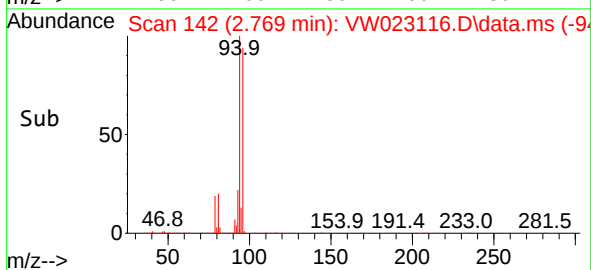
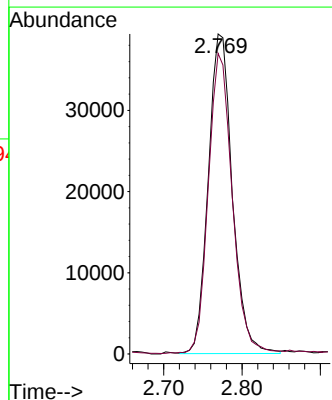
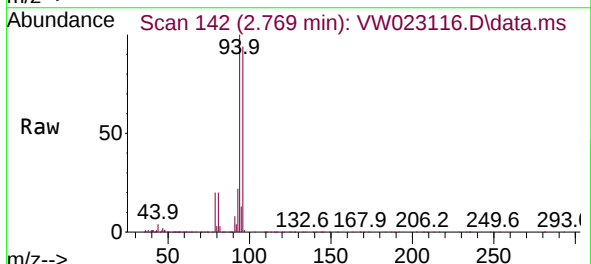
Instrument :
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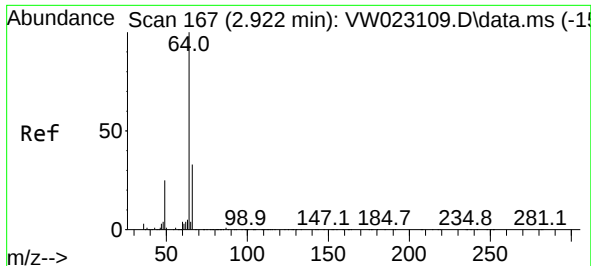
Tgt Ion: 62 Resp: 135104
 Ion Ratio Lower Upper
 62 100
 64 38.1 24.9 46.3



#6
 Bromomethane
 Concen: 18.726 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

Tgt Ion: 94 Resp: 84067
 Ion Ratio Lower Upper
 94 100
 96 93.9 61.7 114.5

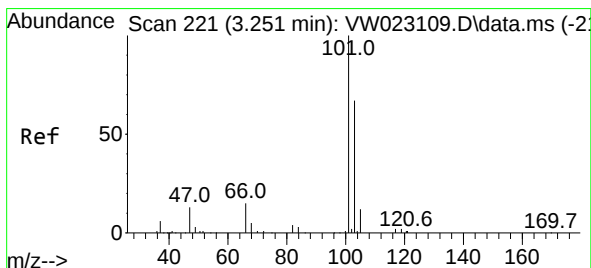
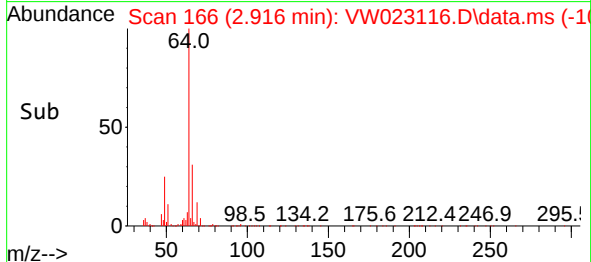
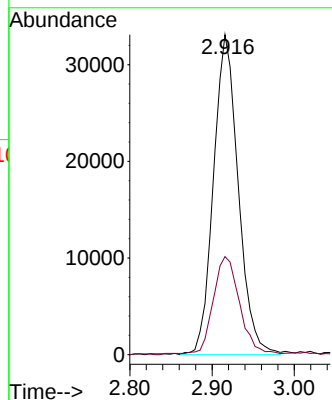
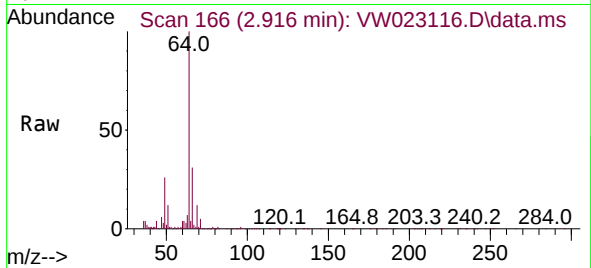




#8
Chloroethane
Concen: 20.567 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

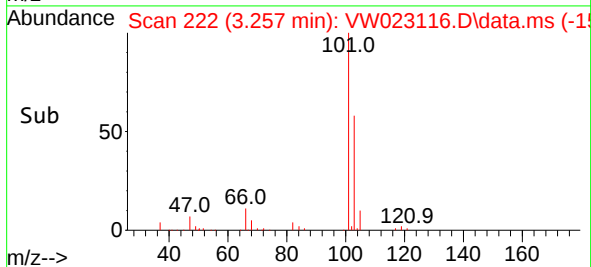
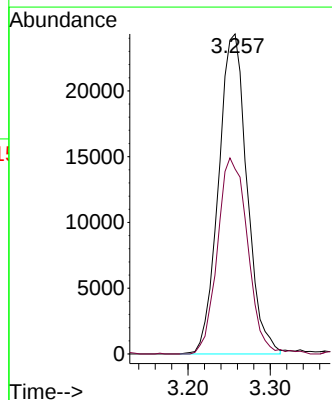
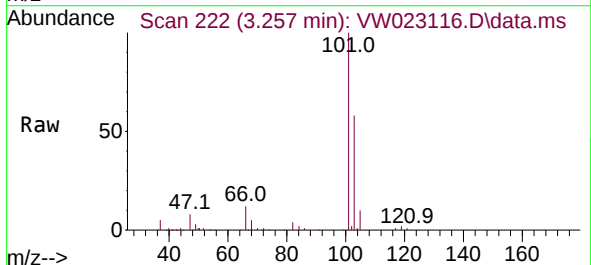
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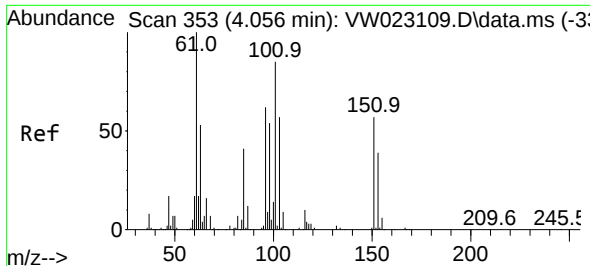
Tgt Ion: 64 Resp: 69360
Ion Ratio Lower Upper
64 100
66 30.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.307 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 101 Resp: 58505
Ion Ratio Lower Upper
101 100
103 64.6 53.9 80.9

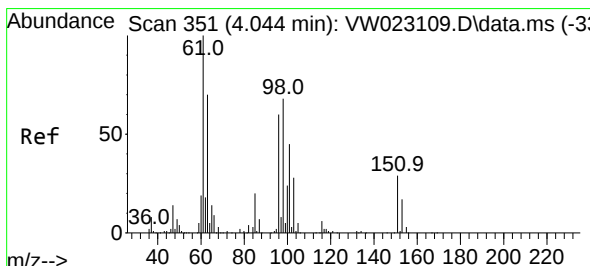
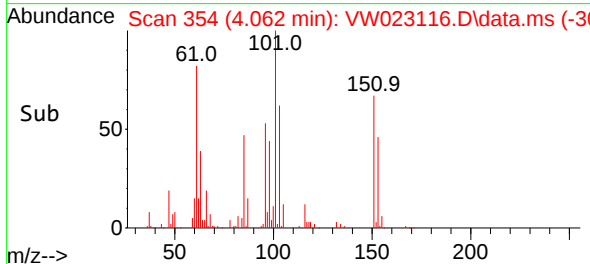
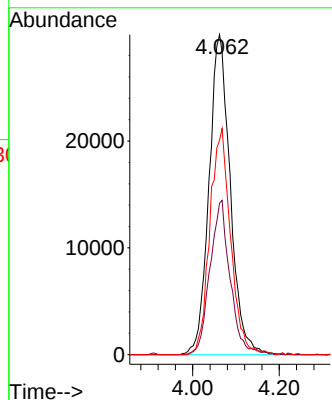
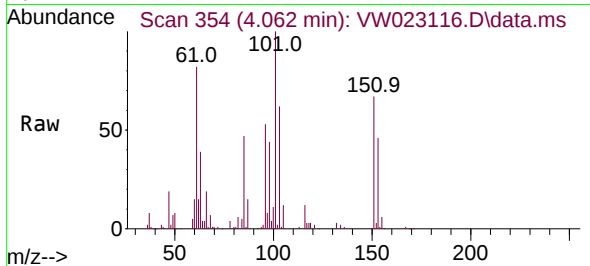




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.316 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

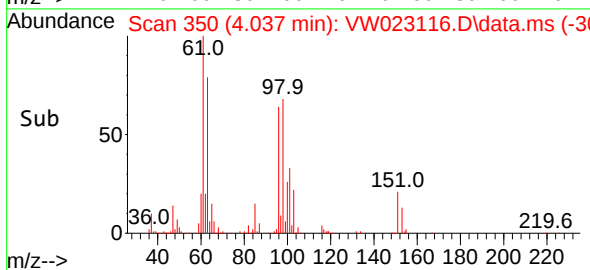
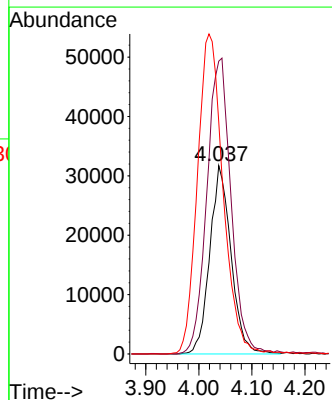
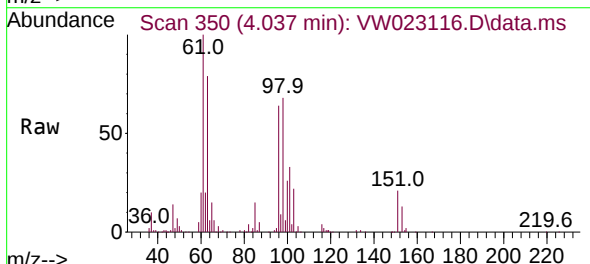
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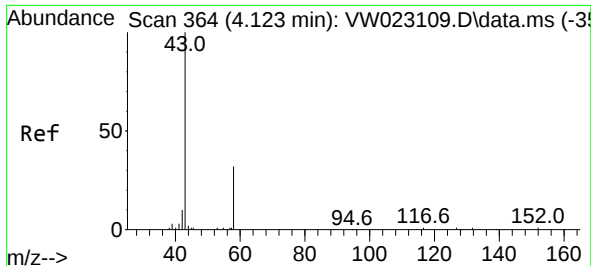
Tgt Ion:101 Resp: 101859
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.3 51.5
 151 68.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.867 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

Tgt Ion: 96 Resp: 88392
 Ion Ratio Lower Upper
 96 100
 61 155.4 125.7 233.5
 63 123.2 83.4 155.0





#13

Acetone

Concen: 40.443 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

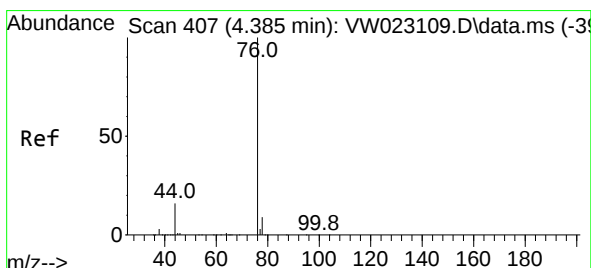
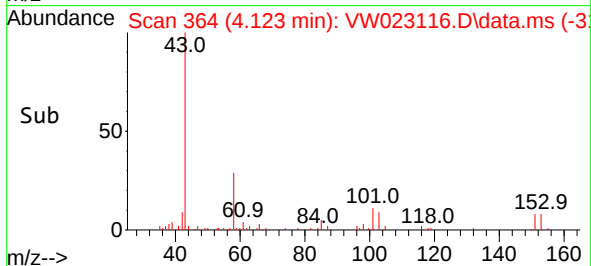
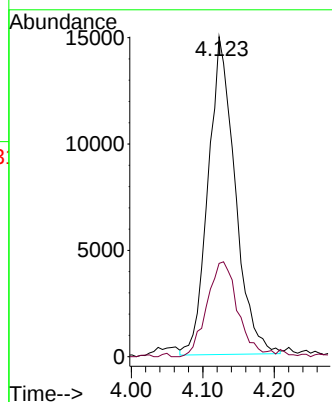
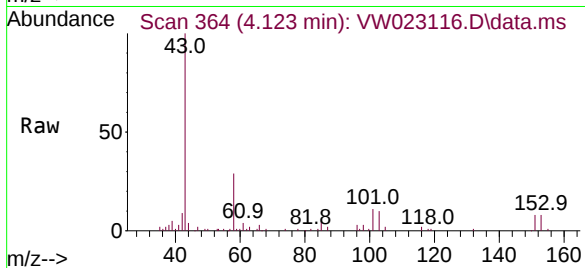
VSTD025537

Tgt Ion: 43 Resp: 39064

Ion Ratio Lower Upper

43 100

58 33.8 0.0 64.0



#14

Carbon disulfide

Concen: 15.058 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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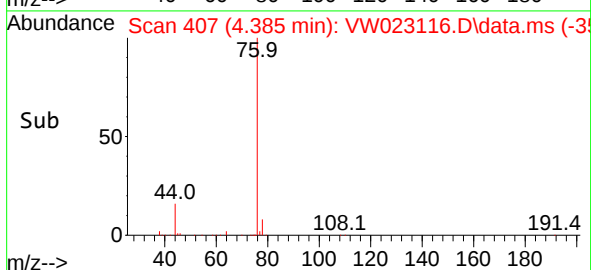
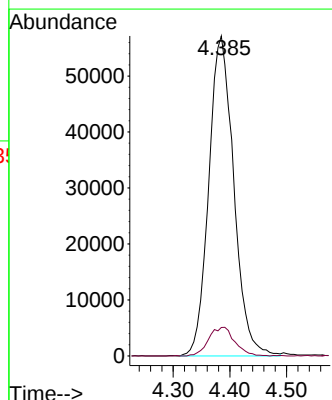
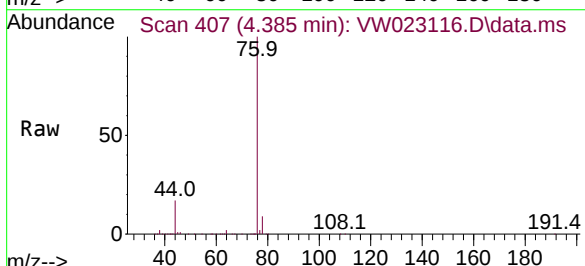
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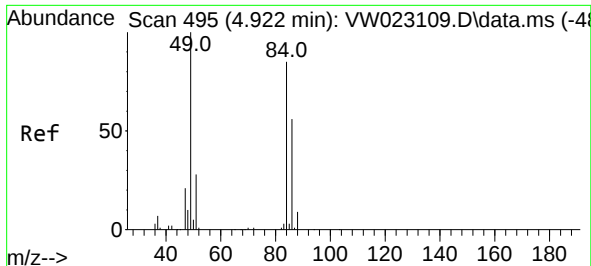
Tgt Ion: 76 Resp: 174873

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5



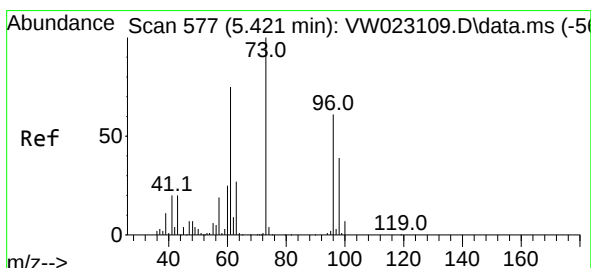
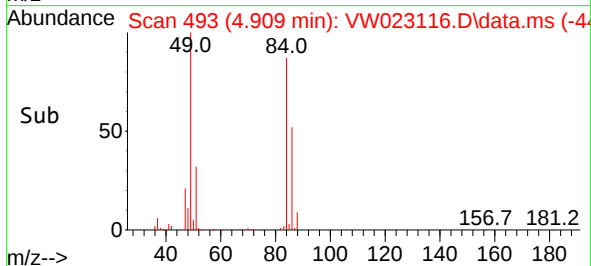
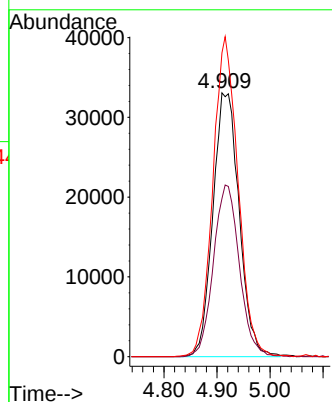
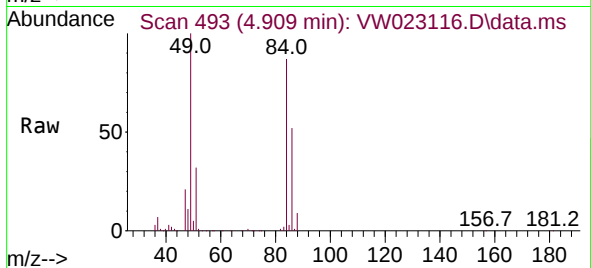


#16
Methylene chloride
Concen: 23.496 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

Tgt Ion: 84 Resp: 113707

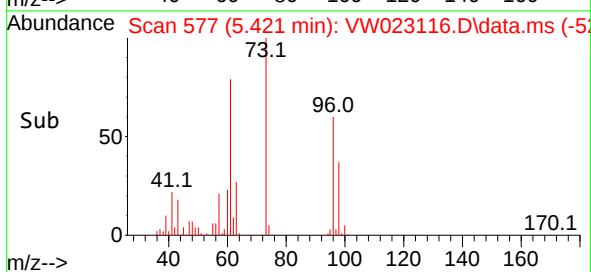
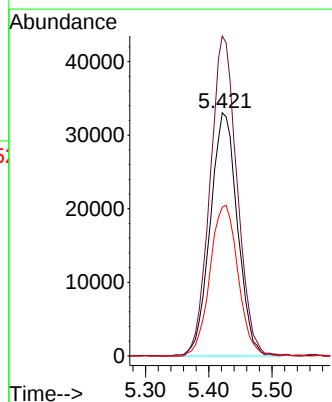
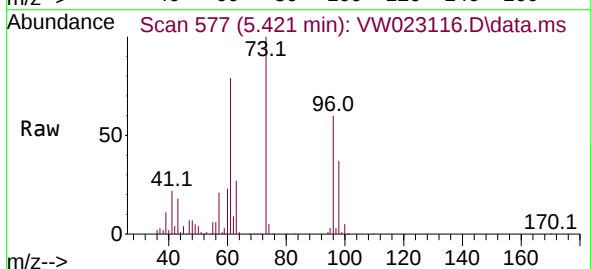
Ion	Ratio	Lower	Upper
84	100		
86	59.9	45.4	84.4
49	115.2	82.5	153.1

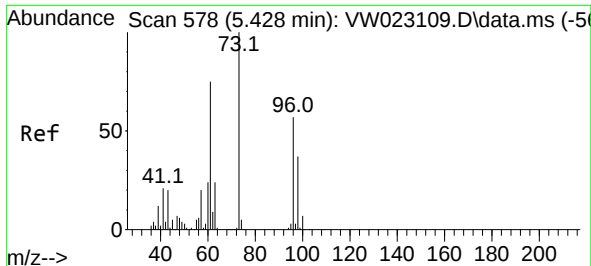


#17
trans-1,2-Dichloroethene
Concen: 20.707 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 96 Resp: 98706

Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.2	171.2
98	61.2	42.9	79.7

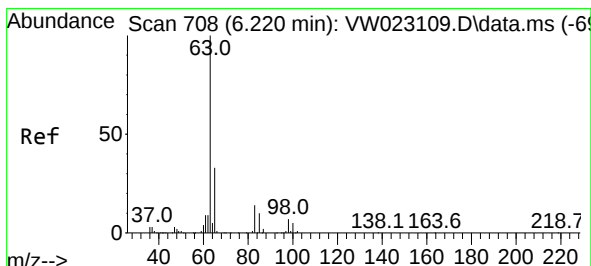
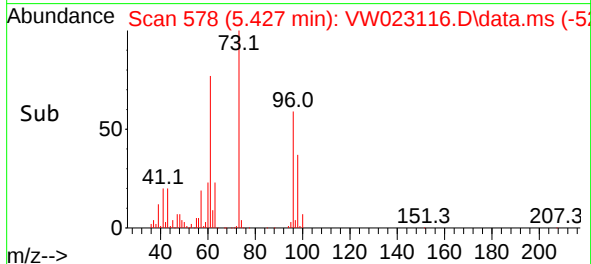
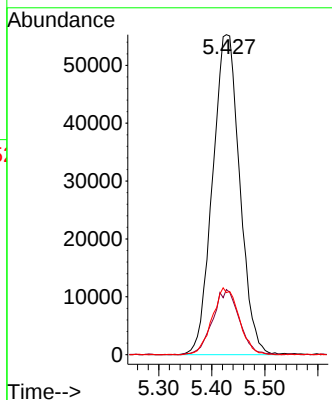
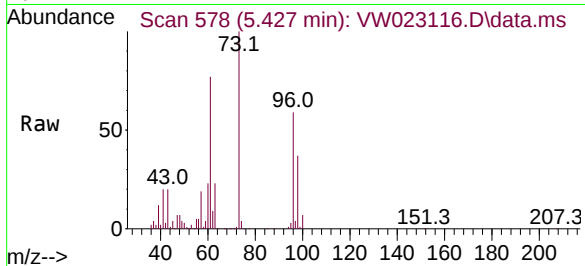




#18
Methyl tert-butyl Ether
Concen: 26.976 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

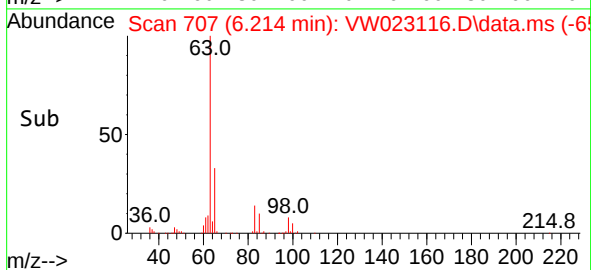
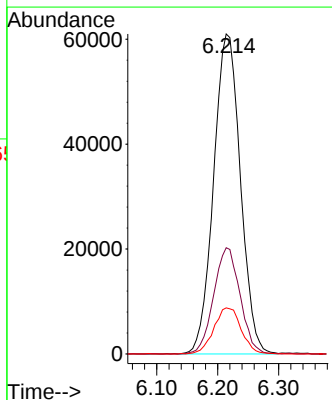
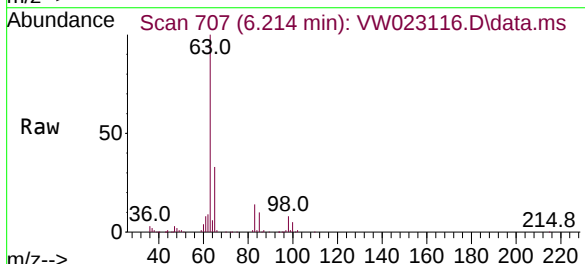
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

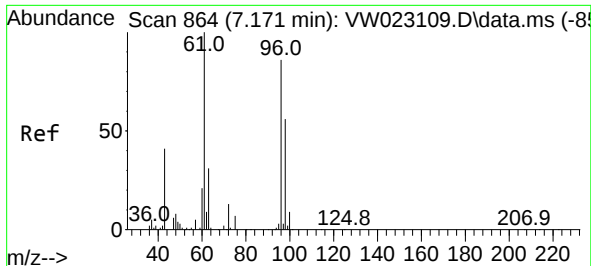
Tgt Ion: 73 Resp: 196304
Ion Ratio Lower Upper
73 100
43 20.0 15.9 23.9
57 20.5 16.5 24.7



#19
1,1-Dichloroethane
Concen: 23.082 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 63 Resp: 186482
Ion Ratio Lower Upper
63 100
65 33.2 23.3 43.3
83 14.4 11.1 20.5

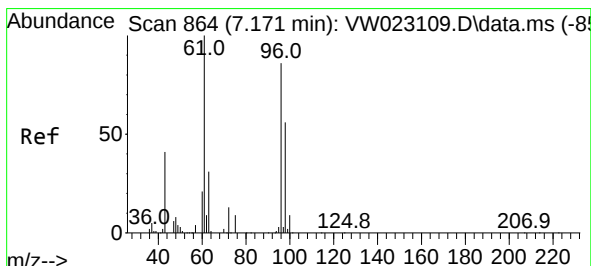
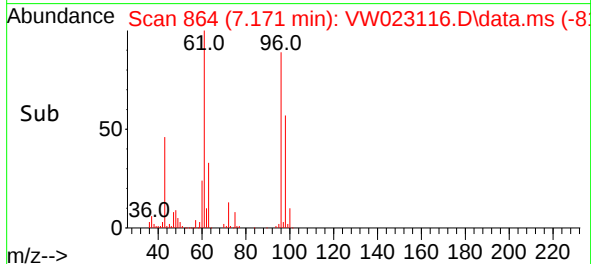
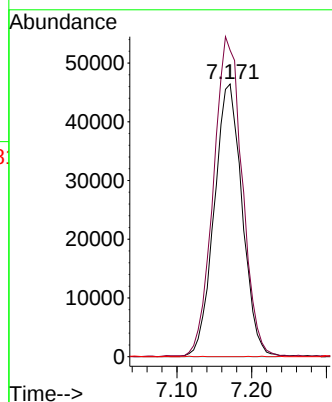
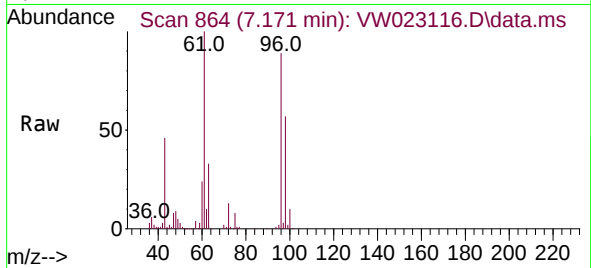




#20
 cis-1,2-Dichloroethene
 Concen: 23.597 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

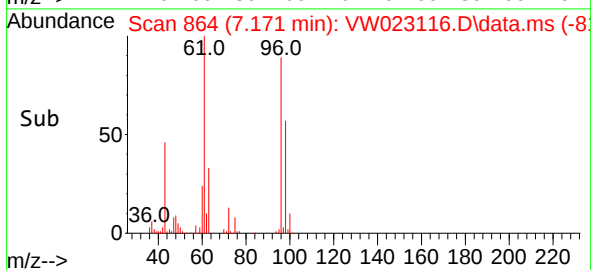
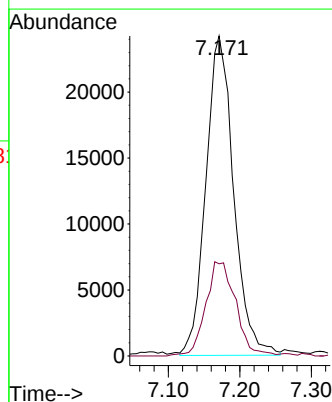
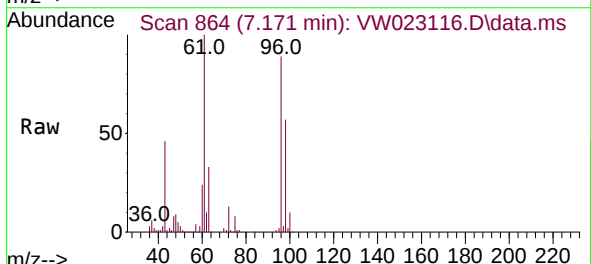
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

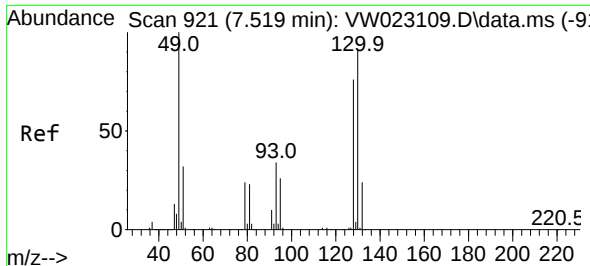
Tgt Ion: 96 Resp: 120818
 Ion Ratio Lower Upper
 96 100
 61 112.4 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 48.486 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

Tgt Ion: 43 Resp: 65496
 Ion Ratio Lower Upper
 43 100
 72 31.6 15.1 45.3

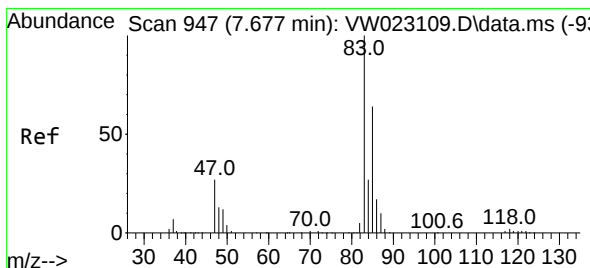
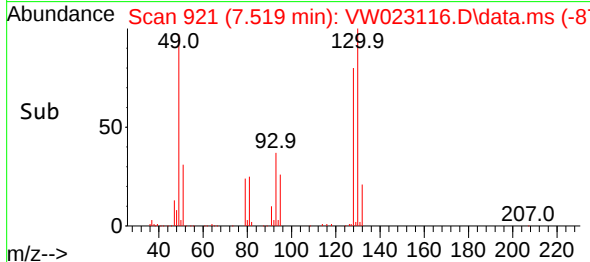
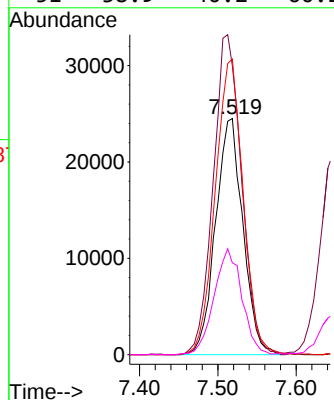
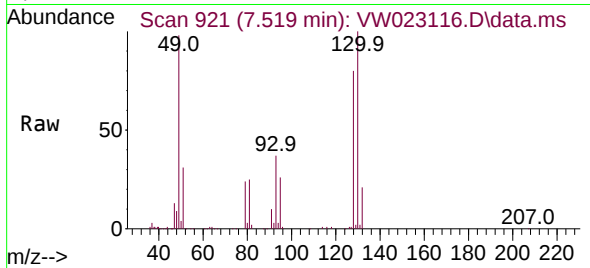




#23
Bromochloromethane
Concen: 24.816 ug/L
RT: 7.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

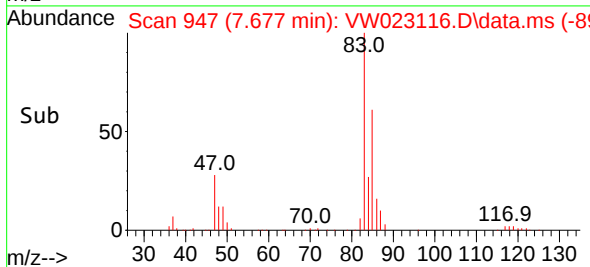
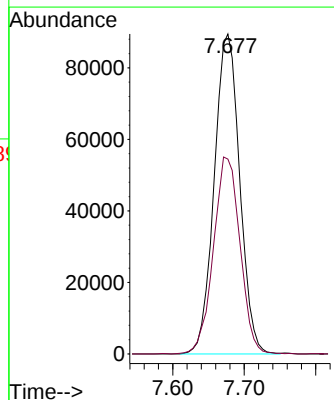
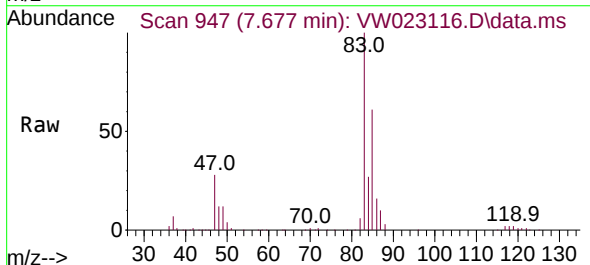
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

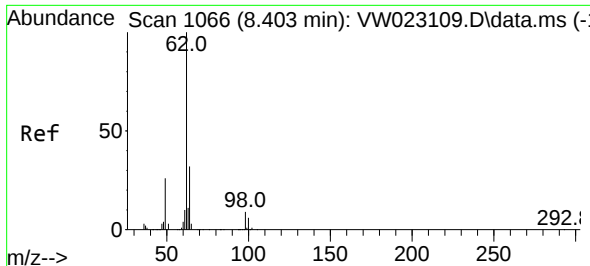
Tgt Ion:128 Resp: 59504
Ion Ratio Lower Upper
128 100
49 122.3 110.0 204.4
130 125.2 94.8 176.0
51 38.9 40.2 60.2#



#25
Chloroform
Concen: 24.788 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 83 Resp: 221443
Ion Ratio Lower Upper
83 100
85 60.9 46.6 86.6





#27

1,2-Dichloroethane

Concen: 24.895 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

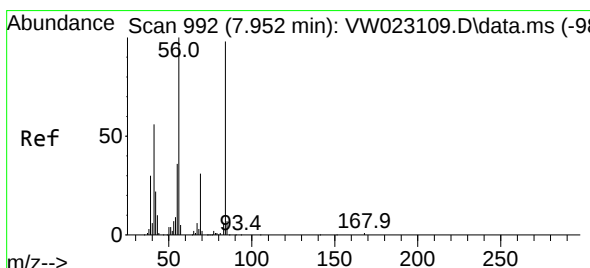
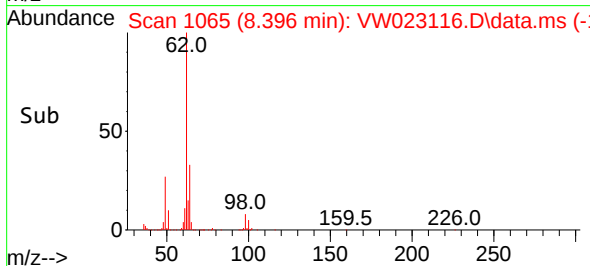
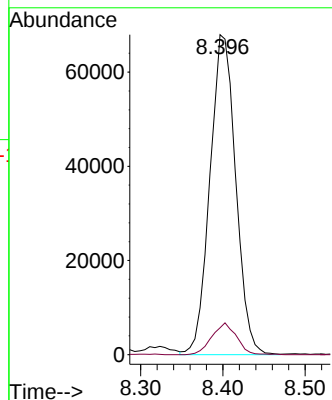
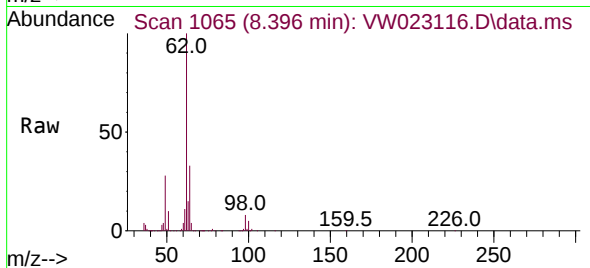
VSTD025537

Tgt Ion: 62 Resp: 148250

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8



#29

Cyclohexane

Concen: 19.599 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

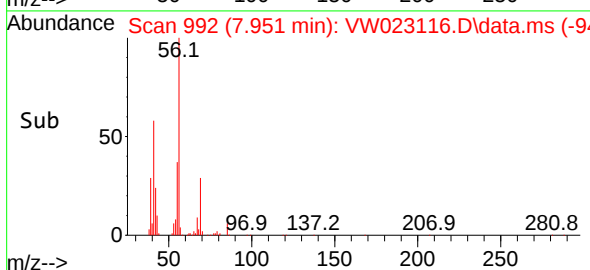
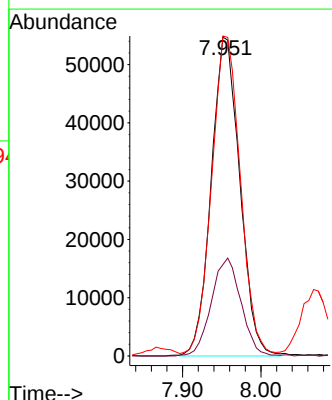
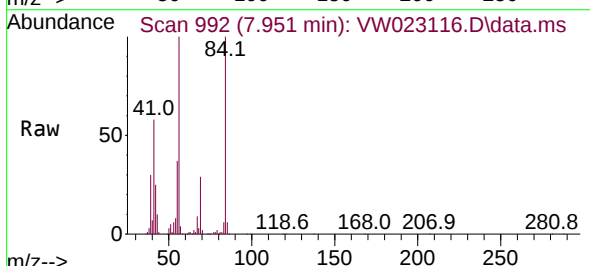
Tgt Ion: 56 Resp: 138877

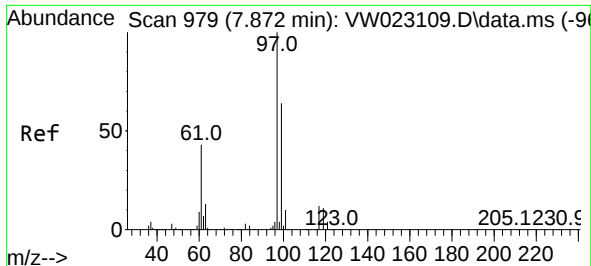
Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

84 101.2 78.2 117.4

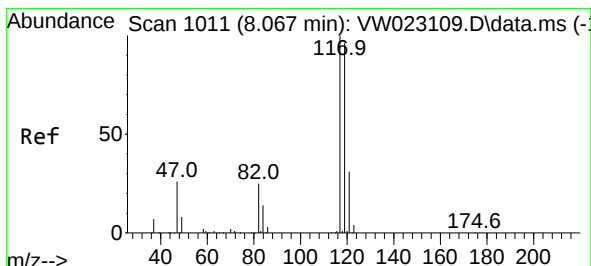
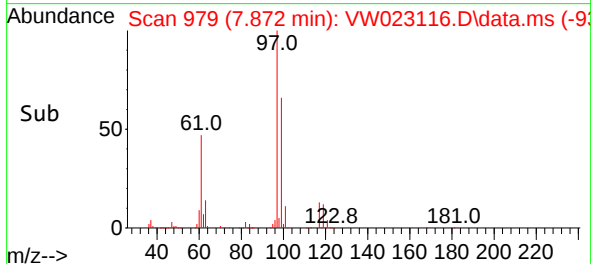
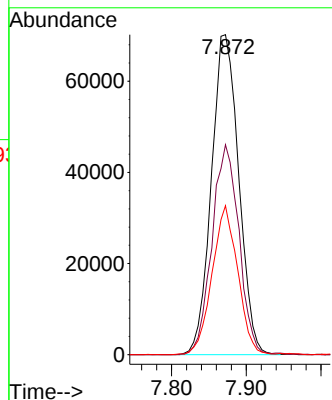
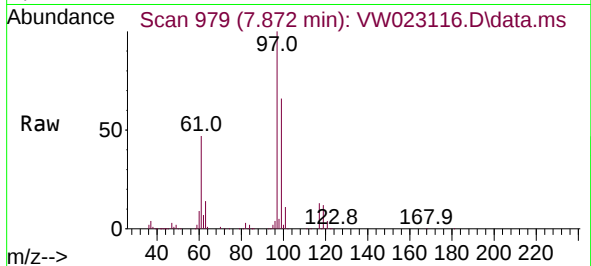




#30
1,1,1-Trichloroethane
Concen: 23.060 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

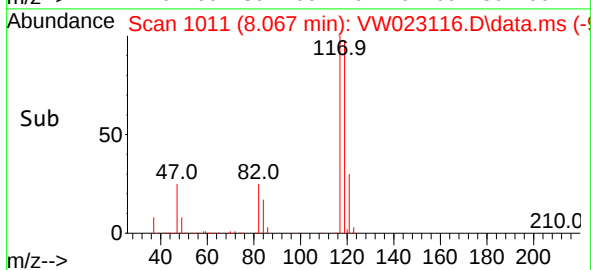
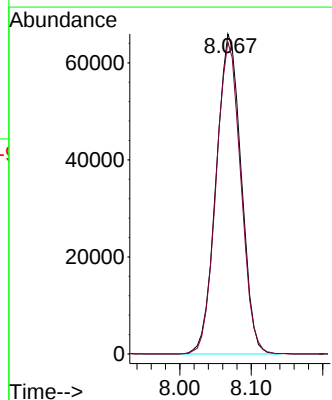
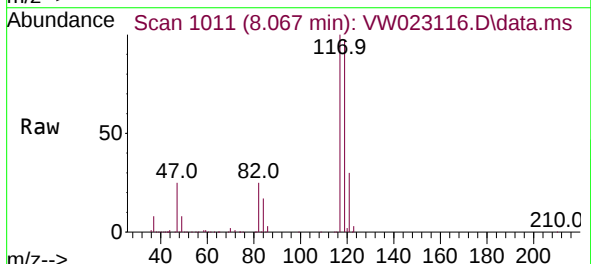
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

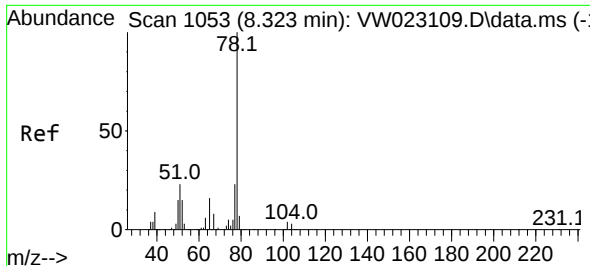
Tgt Ion: 97 Resp: 178550
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 43.7 34.8 52.2



#31
Carbon tetrachloride
Concen: 22.113 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 117 Resp: 160162
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0

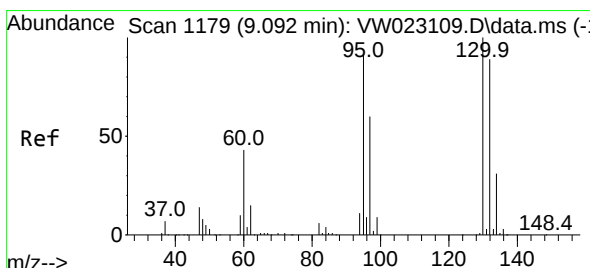
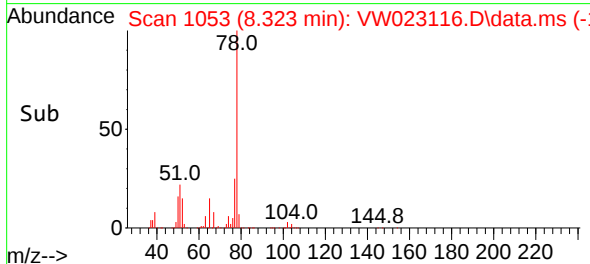
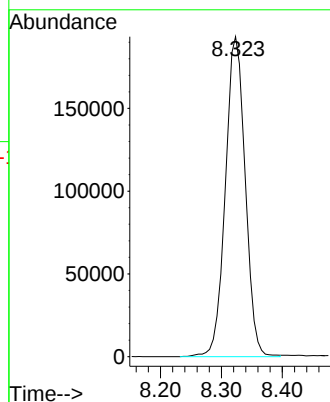
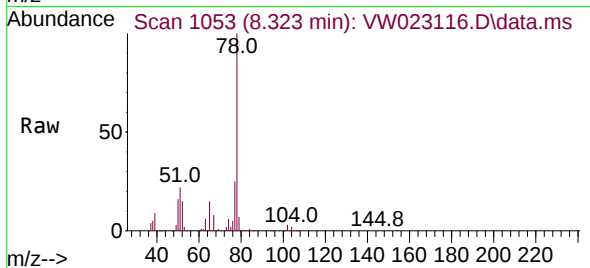




#33
Benzene
Concen: 22.653 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

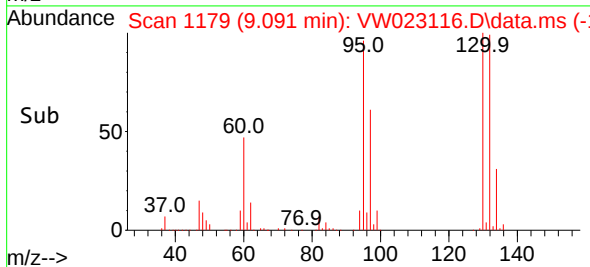
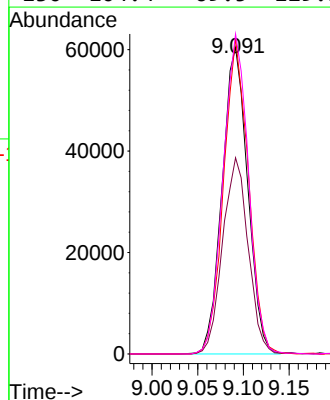
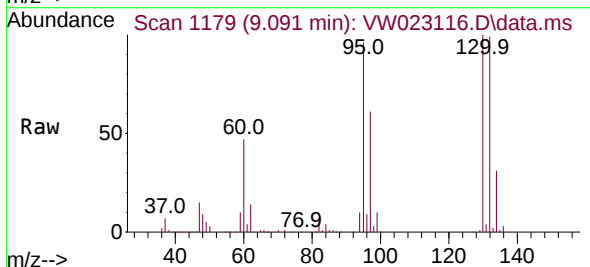
Tgt Ion: 78 Resp: 437249

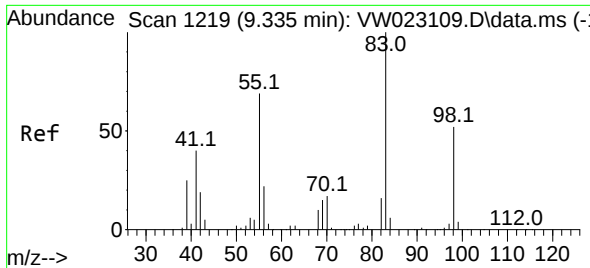


#34
Trichloroethene
Concen: 22.123 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 95 Resp: 117434

Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.1	85.7
132	103.0	66.9	124.3
130	104.4	69.5	129.1

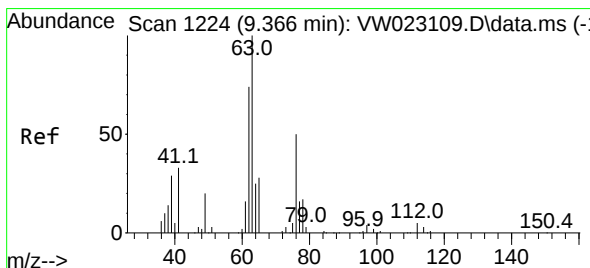
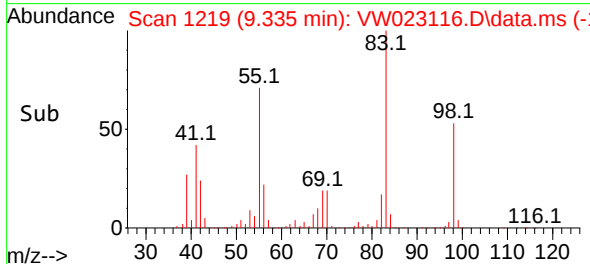
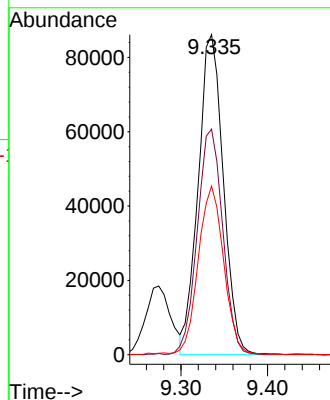
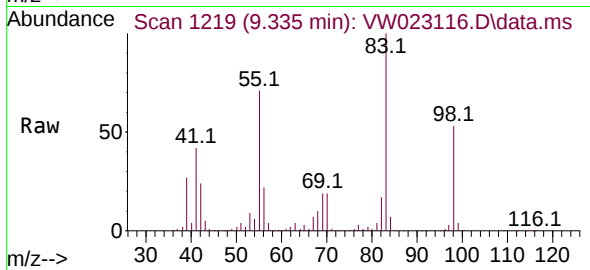




#35
Methylcyclohexane
Concen: 19.896 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

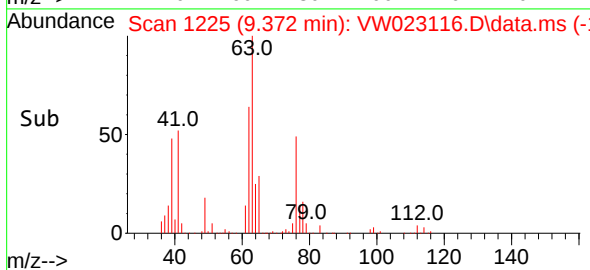
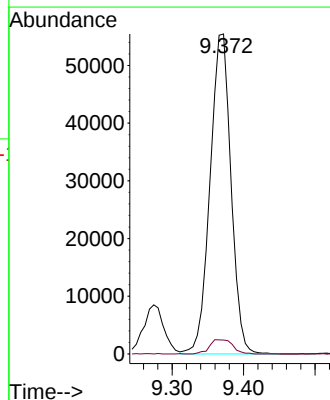
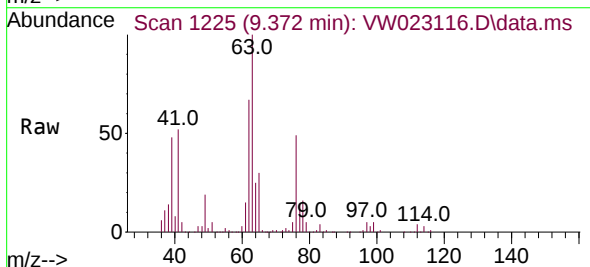
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

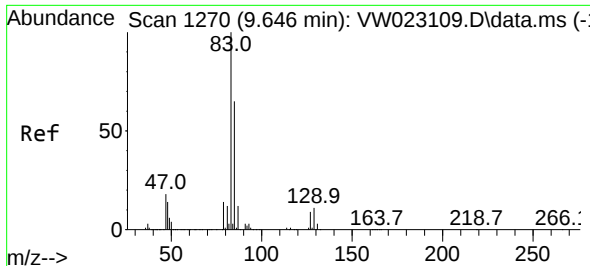
Tgt Ion: 83 Resp: 173499
Ion Ratio Lower Upper
83 100
55 71.2 55.1 82.7
98 53.4 40.4 60.6



#37
1,2-Dichloropropane
Concen: 24.191 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 63 Resp: 112997
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8

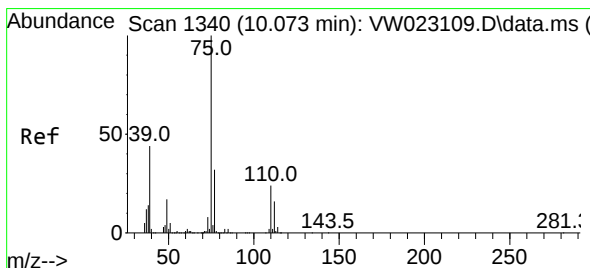
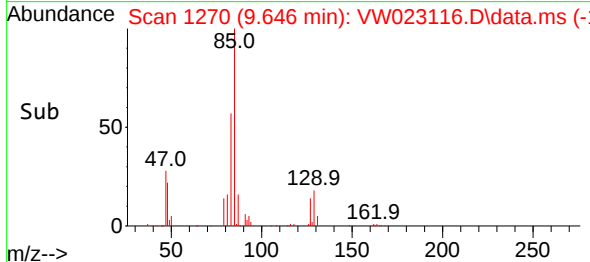
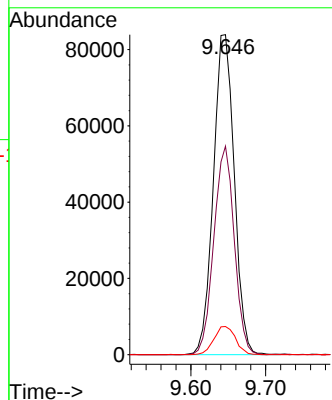
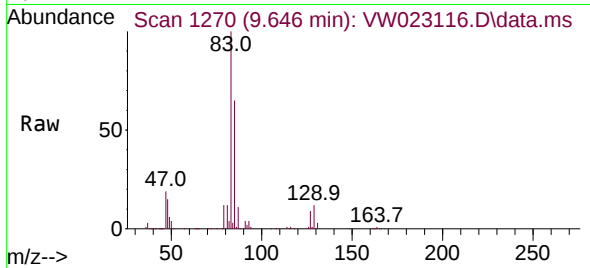




#38
Bromodichloromethane
Concen: 24.607 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

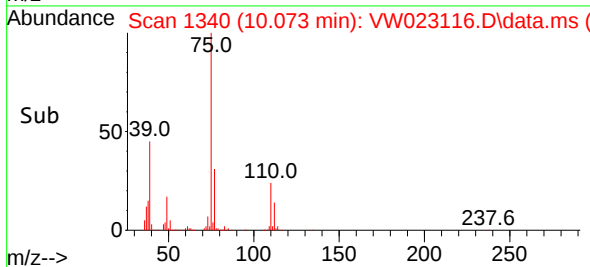
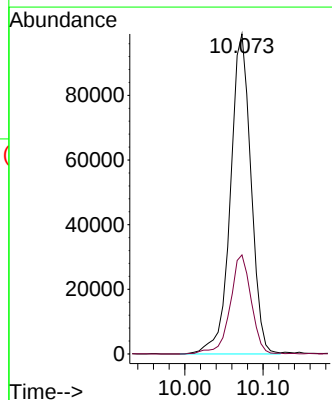
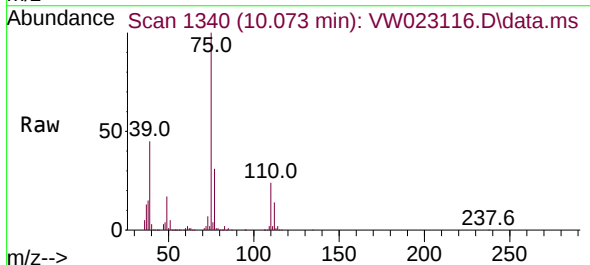
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

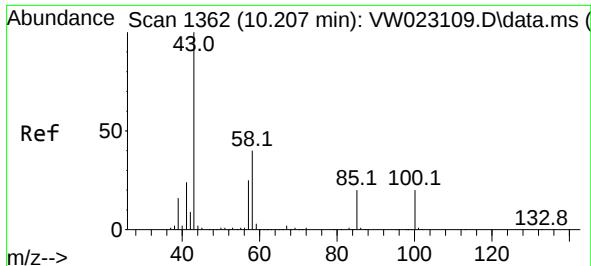
Tgt Ion: 83 Resp: 163254
Ion Ratio Lower Upper
83 100
85 65.2 43.5 80.7
127 8.8 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 24.851 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 75 Resp: 179990
Ion Ratio Lower Upper
75 100
77 30.9 22.1 41.1

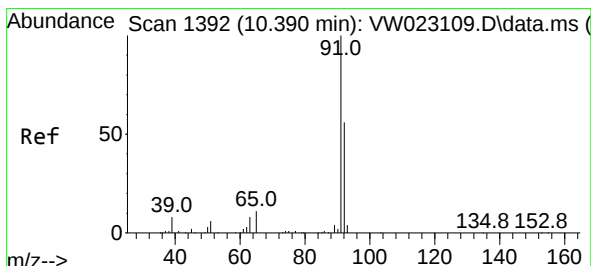
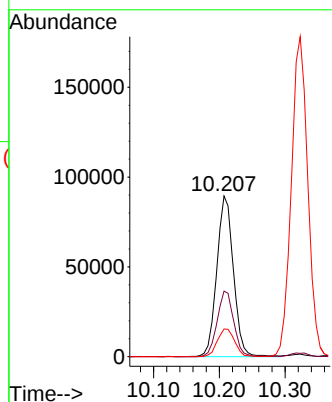
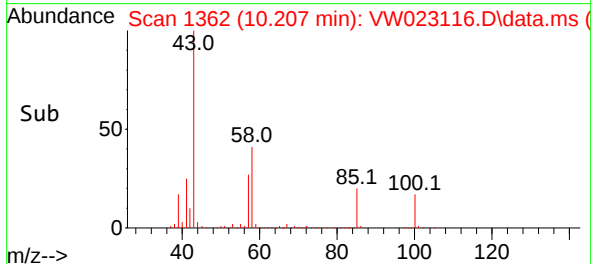
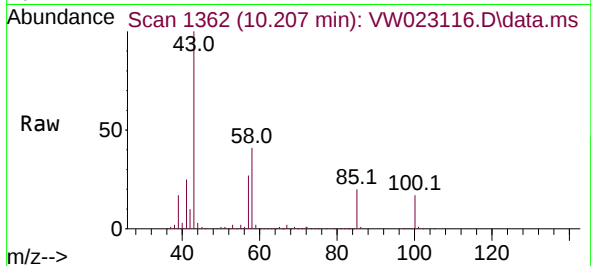




#40
4-Methyl-2-pentanone
Concen: 53.603 ug/L
RT: 10.207 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

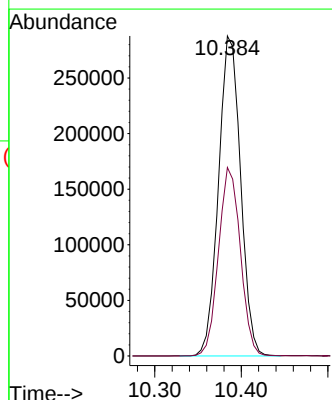
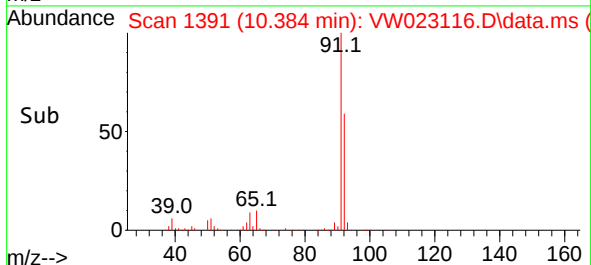
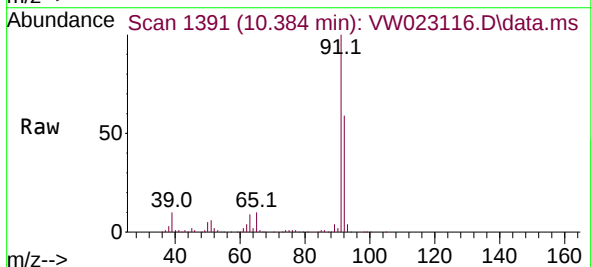
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

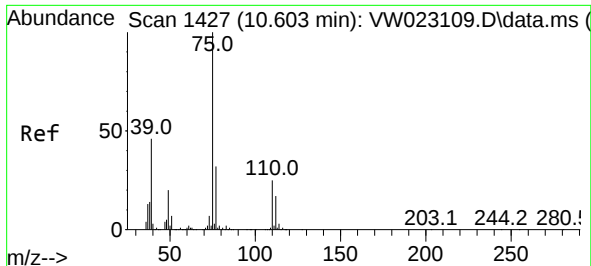
Tgt Ion: 43 Resp: 157813
Ion Ratio Lower Upper
43 100
58 40.4 31.4 47.2
100 18.1 14.2 21.4



#42
Toluene
Concen: 23.554 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 91 Resp: 509503
Ion Ratio Lower Upper
91 100
92 58.9 41.6 77.2

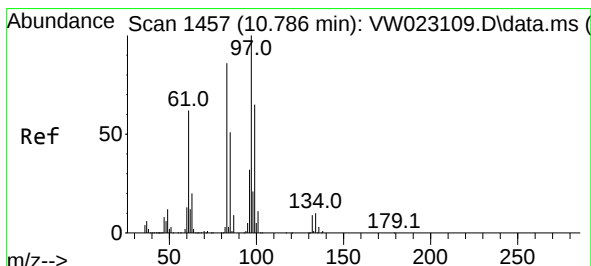
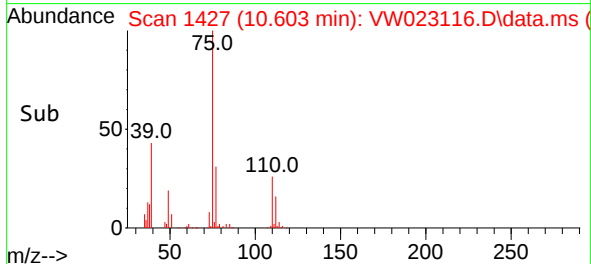
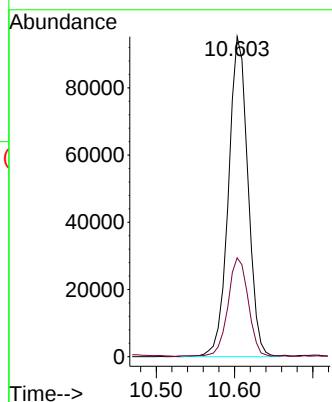
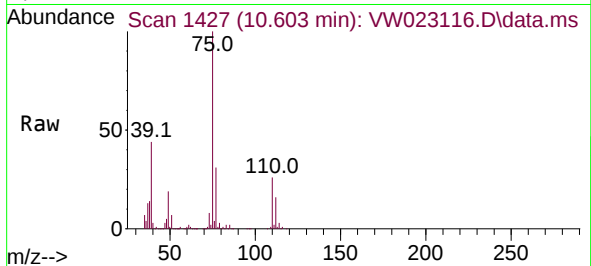




#44
trans-1,3-Dichloropropene
Concen: 25.459 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

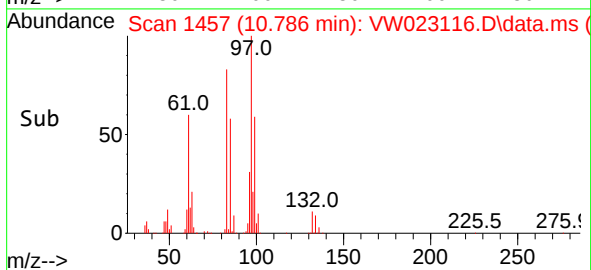
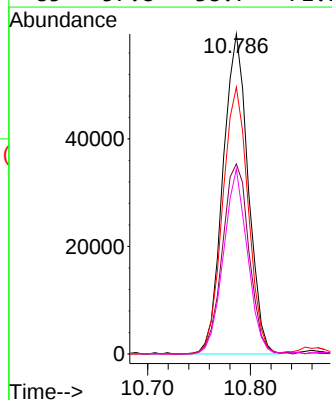
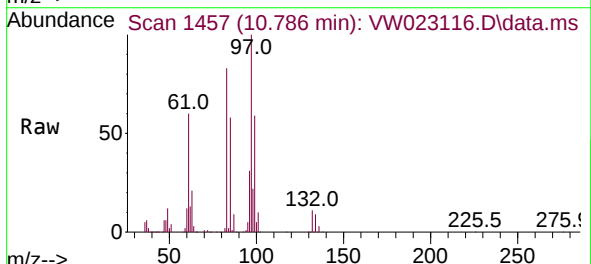
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

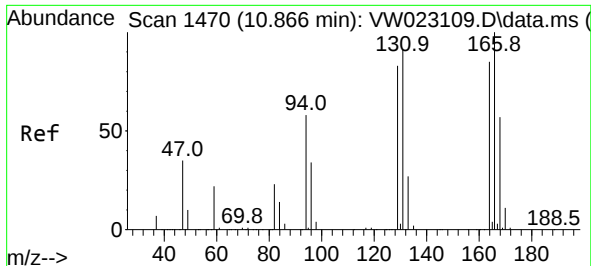
Tgt Ion: 75 Resp: 164580
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 25.992 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 97 Resp: 101494
Ion Ratio Lower Upper
97 100
99 59.4 44.7 82.9
83 83.4 58.4 108.4
85 57.8 38.7 71.9

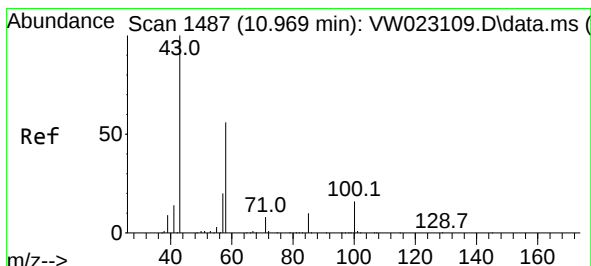
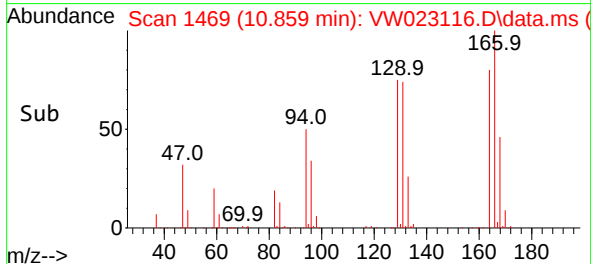
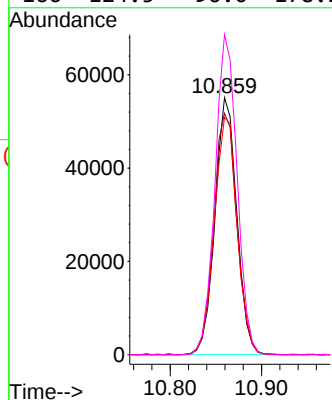
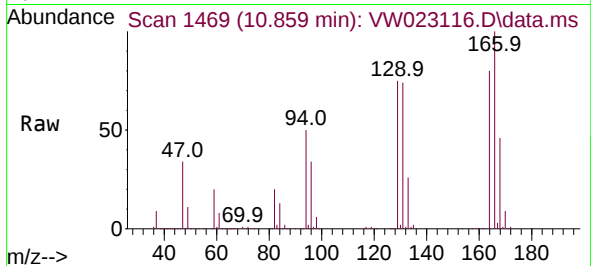




#46
Tetrachloroethene
Concen: 22.912 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

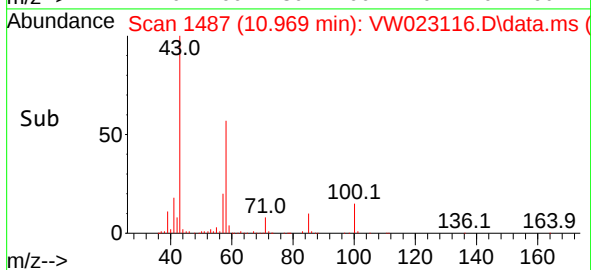
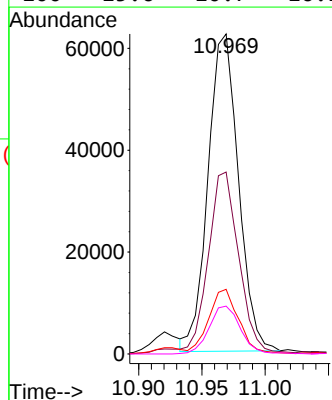
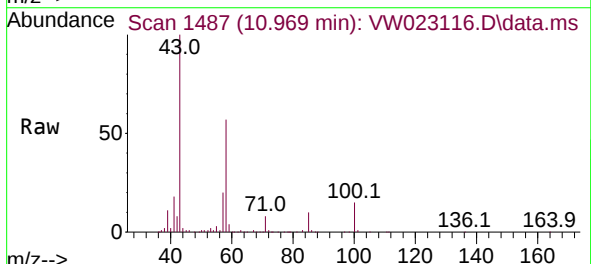
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

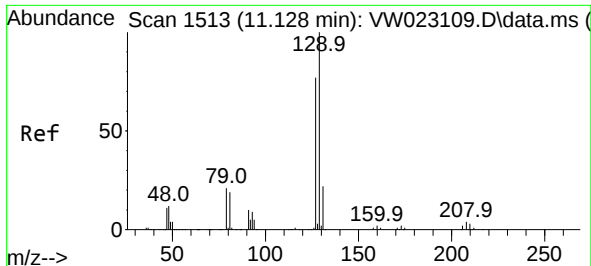
Tgt Ion:164 Resp: 91400
Ion Ratio Lower Upper
164 100
129 93.9 76.9 142.7
131 92.3 75.1 139.5
166 124.5 96.0 178.2



#48
2-Hexanone
Concen: 53.040 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 43 Resp: 104335
Ion Ratio Lower Upper
43 100
58 56.8 45.9 68.9
57 20.1 16.2 24.2
100 15.6 10.7 16.1





#49

Dibromochloromethane

Concen: 26.555 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

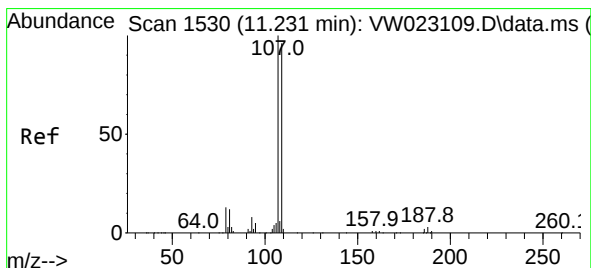
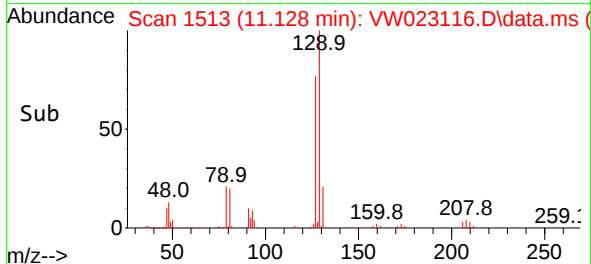
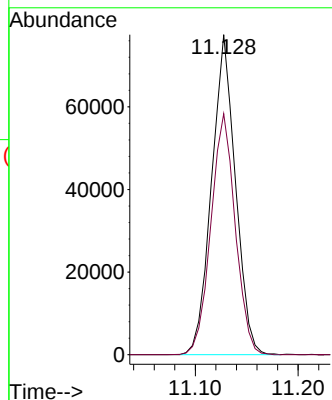
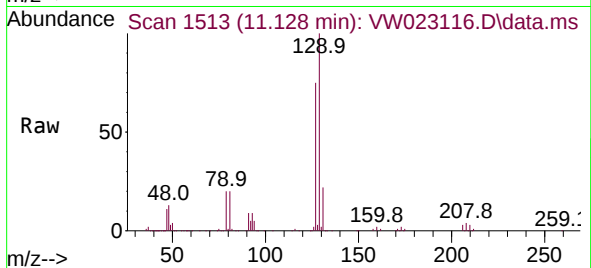
VSTD025537

Tgt Ion:129 Resp: 124799

Ion Ratio Lower Upper

129 100

127 75.3 53.8 100.0



#50

1,2-Dibromoethane

Concen: 25.163 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

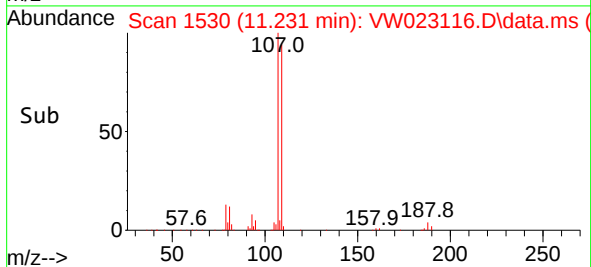
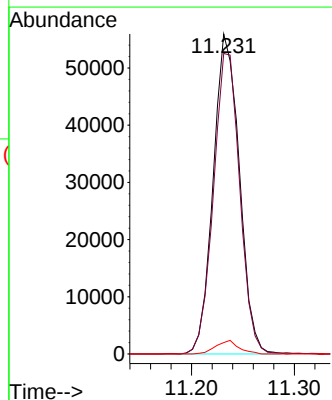
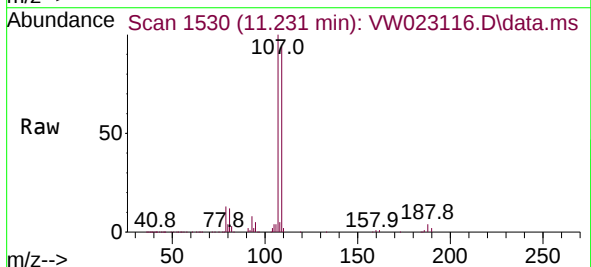
Tgt Ion:107 Resp: 98659

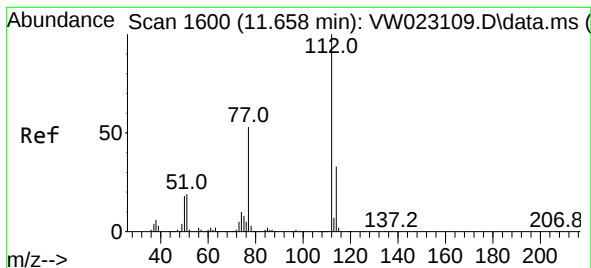
Ion Ratio Lower Upper

107 100

109 93.9 67.5 125.4

188 3.6 2.9 4.3

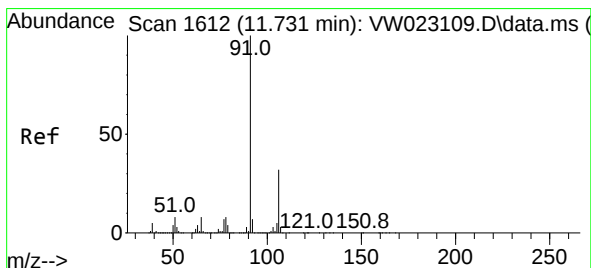
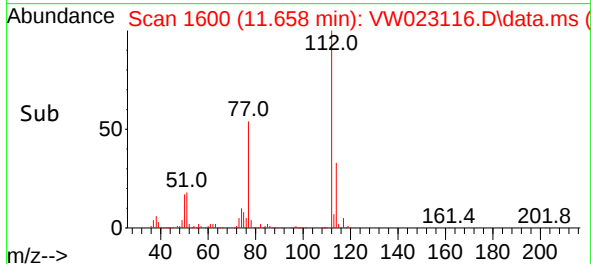
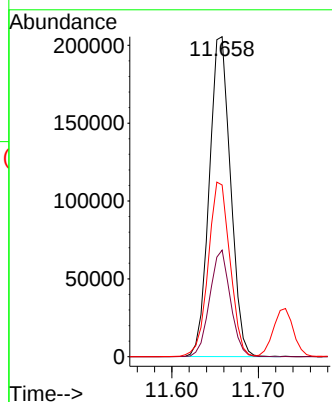
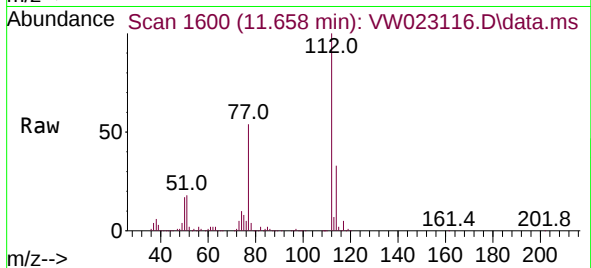




#51
Chlorobenzene
Concen: 24.576 ug/L
RT: 11.658 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

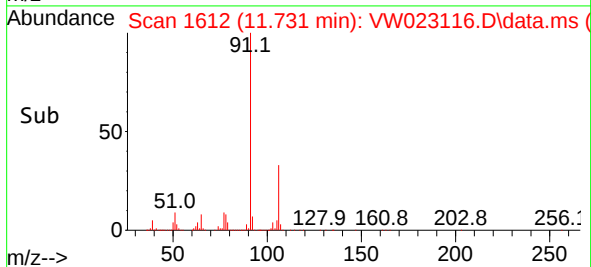
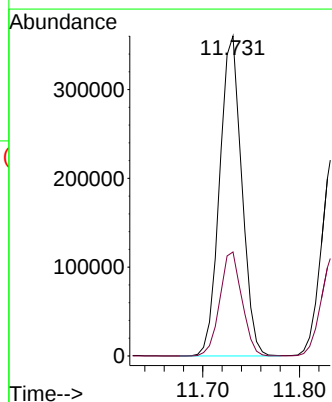
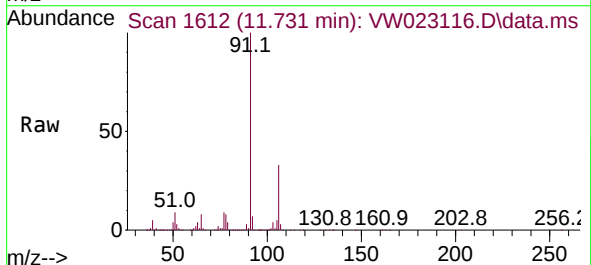
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

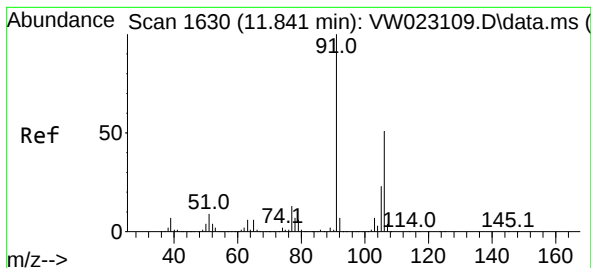
Tgt Ion:112 Resp: 350468
Ion Ratio Lower Upper
112 100
114 33.3 22.0 41.0
77 53.7 42.6 63.8



#52
Ethylbenzene
Concen: 23.760 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 91 Resp: 571786
Ion Ratio Lower Upper
91 100
106 32.5 22.3 41.3





#53

m,p-Xylene

Concen: 24.373 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

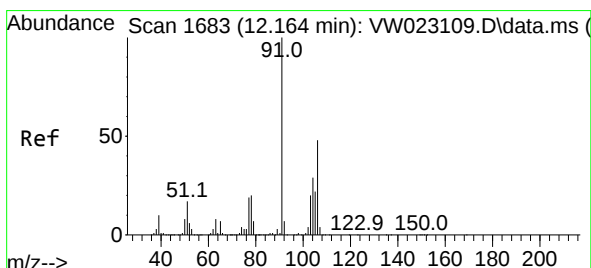
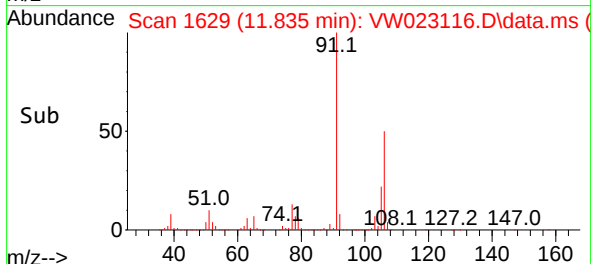
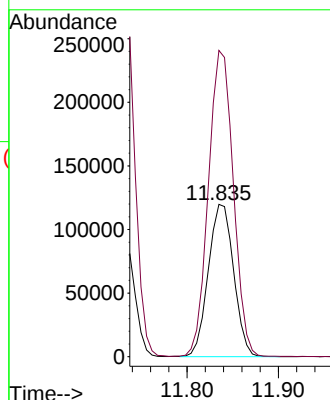
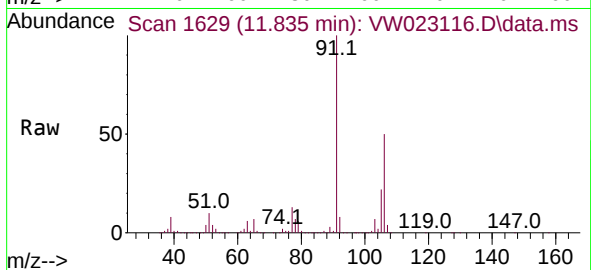
VSTD025537

Tgt Ion:106 Resp: 231109

Ion Ratio Lower Upper

106 100

91 201.1 136.8 254.0



#54

o-Xylene

Concen: 25.469 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW023116.D

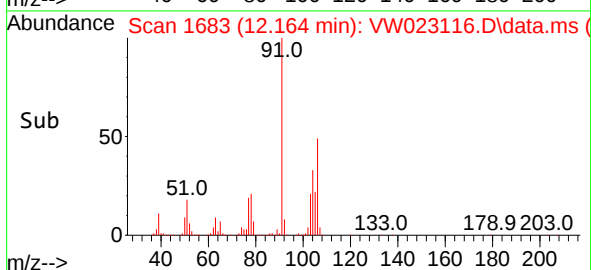
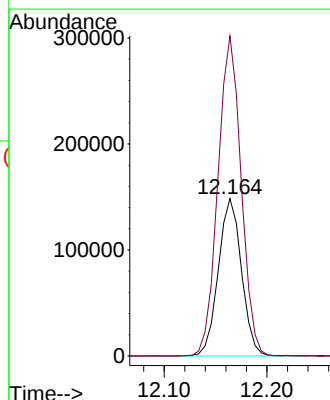
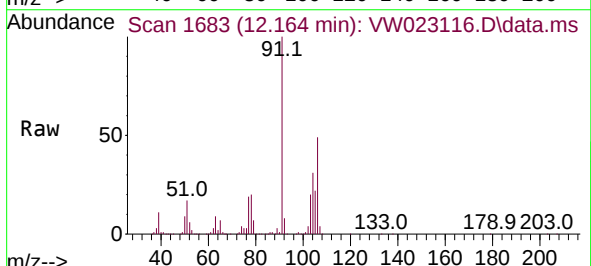
Acq: 17 May 2022 22:34

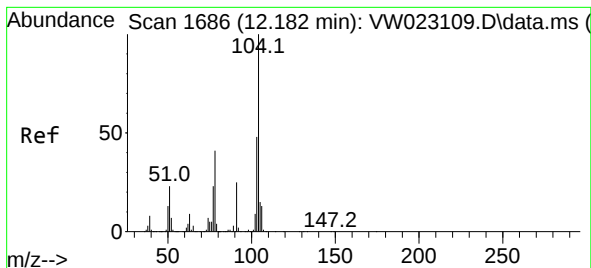
Tgt Ion:106 Resp: 231751

Ion Ratio Lower Upper

106 100

91 203.1 147.2 273.4





#55

Styrene

Concen: 25.688 ug/L

RT: 12.182 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

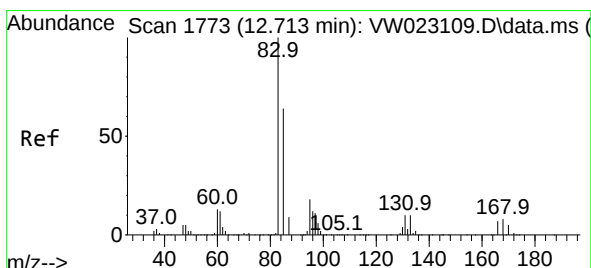
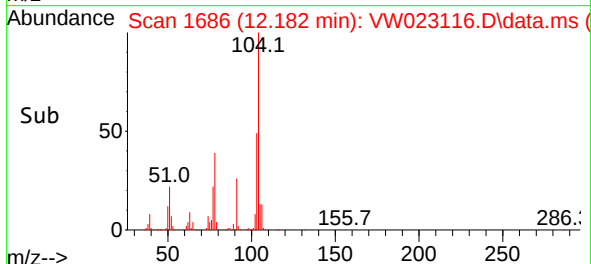
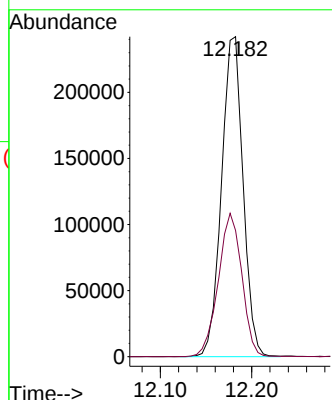
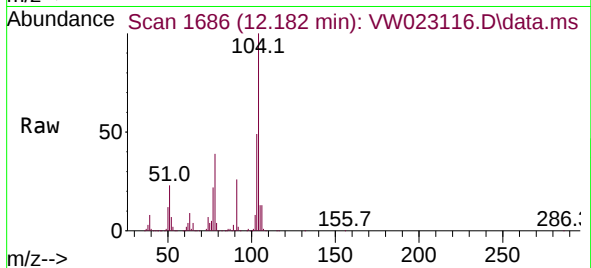
VSTD025537

Tgt Ion:104 Resp: 397182

Ion Ratio Lower Upper

104 100

78 39.5 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 27.238 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

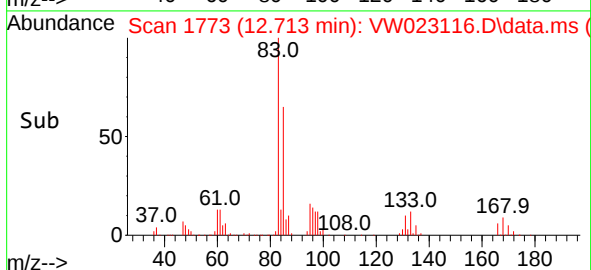
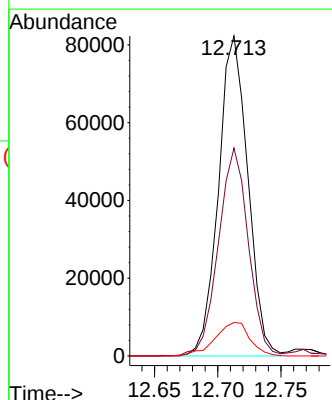
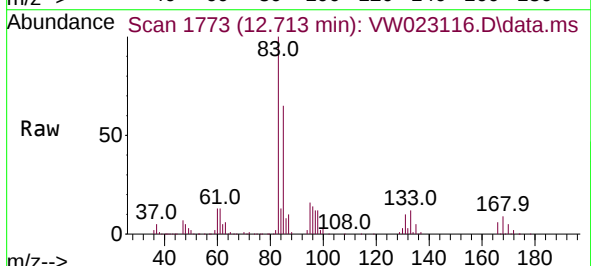
Tgt Ion: 83 Resp: 132845

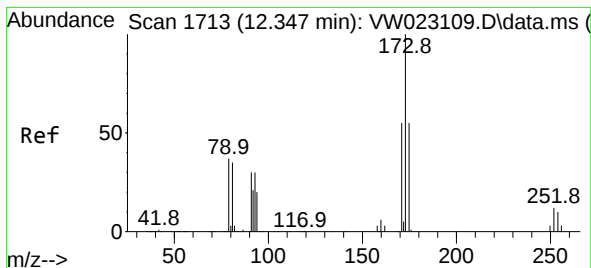
Ion Ratio Lower Upper

83 100

85 65.0 47.5 88.1

131 10.5 8.7 13.1





#59

Bromoform

Concen: 26.498 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

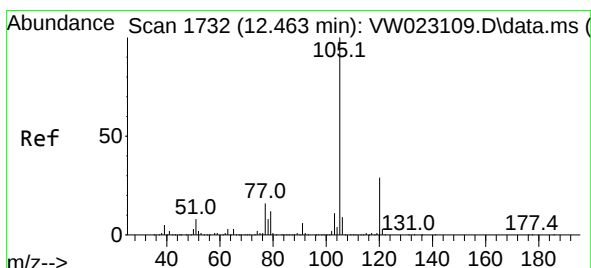
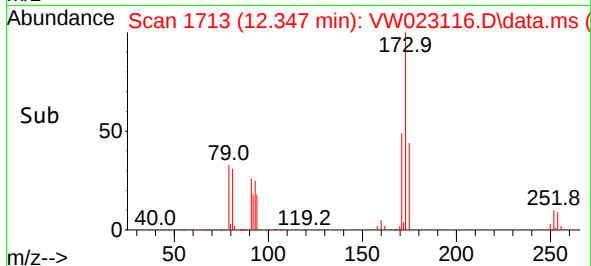
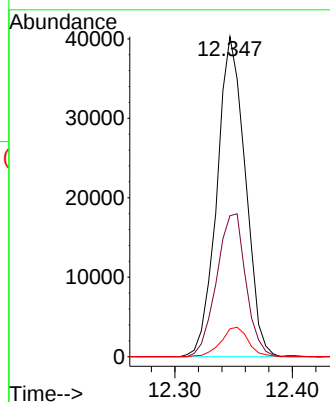
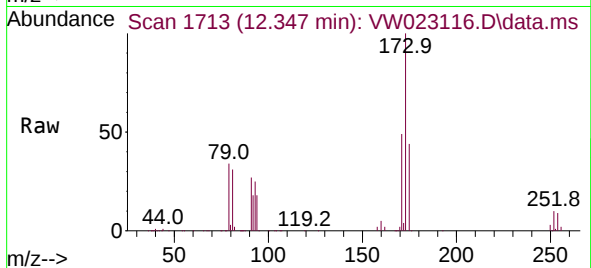
Tgt Ion:173 Resp: 67481

Ion Ratio Lower Upper

173 100

175 46.2 38.1 57.1

254 8.9 6.5 9.7



#60

Isopropylbenzene

Concen: 25.244 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

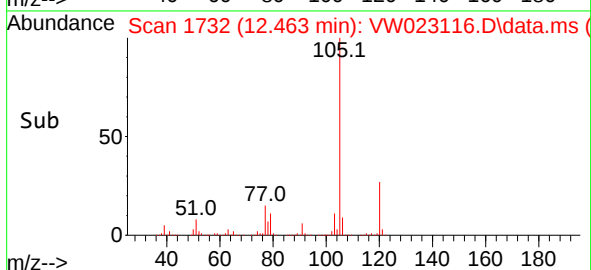
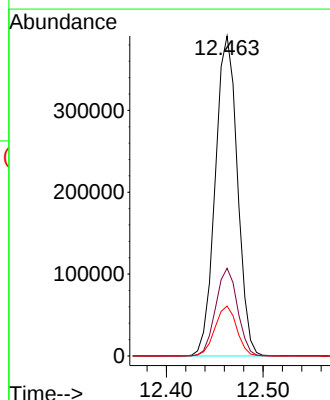
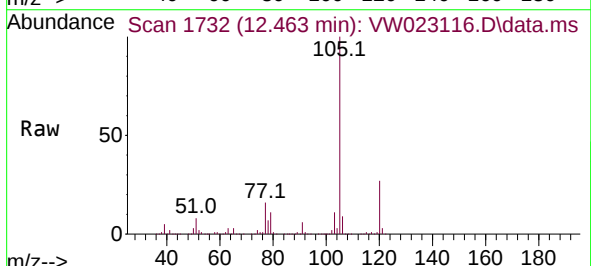
Tgt Ion:105 Resp: 621453

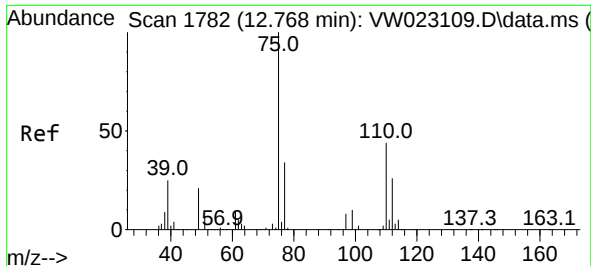
Ion Ratio Lower Upper

105 100

120 27.1 21.3 31.9

77 15.3 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 26.501 ug/L

RT: 12.768 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

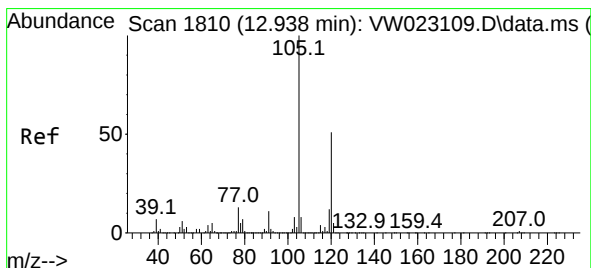
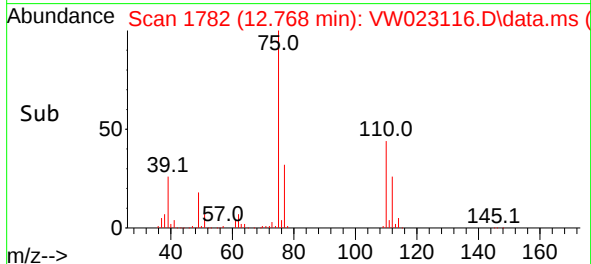
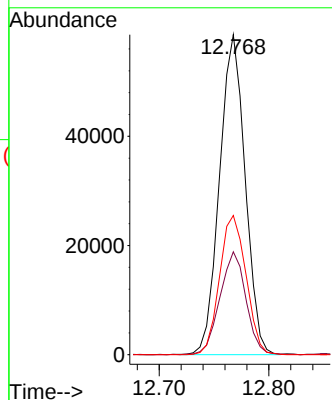
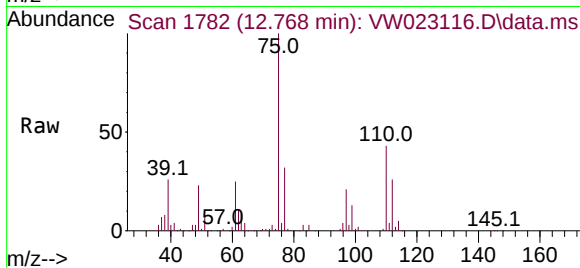
Tgt Ion: 75 Resp: 95150

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

110 44.9 34.1 51.1



#62

1,3,5-Trimethylbenzene

Concen: 25.509 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023116.D

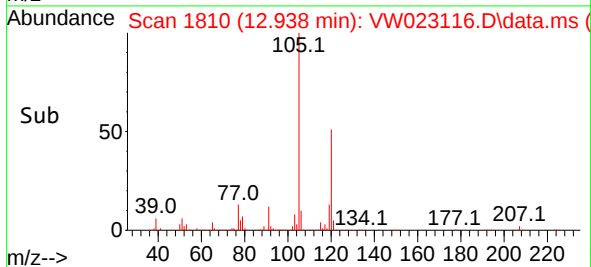
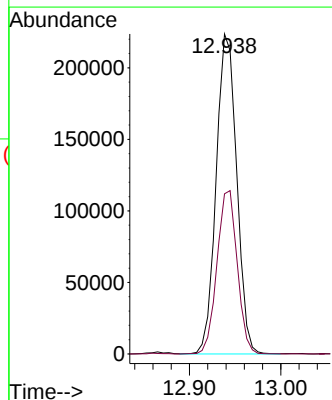
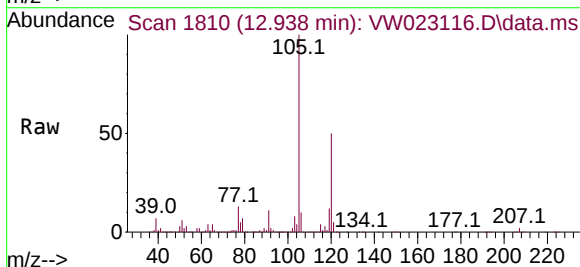
Acq: 17 May 2022 22:34

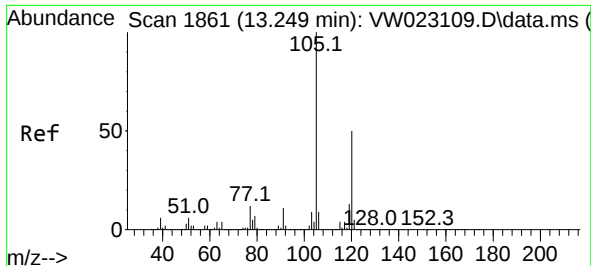
Tgt Ion: 105 Resp: 349363

Ion Ratio Lower Upper

105 100

120 50.4 38.9 58.3

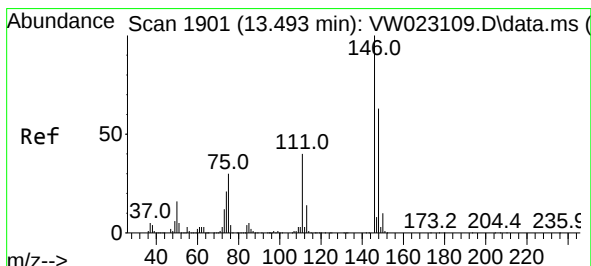
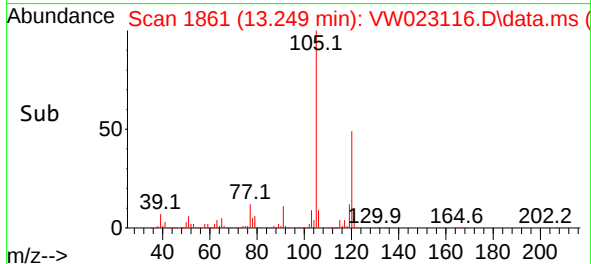
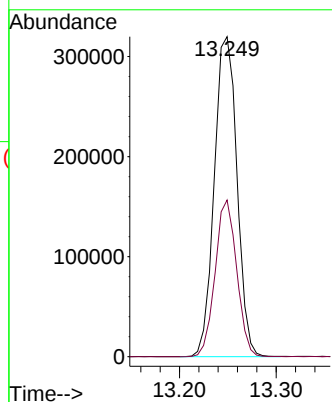
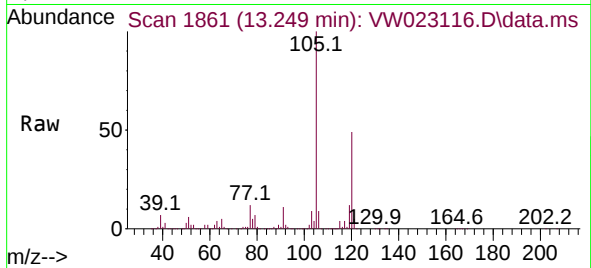




#63
1,2,4-Trimethylbenzene
Concen: 25.332 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

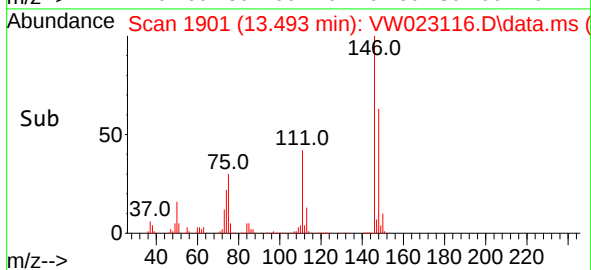
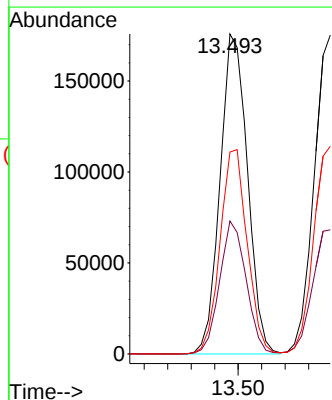
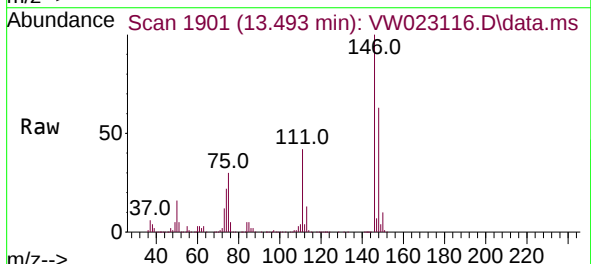
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

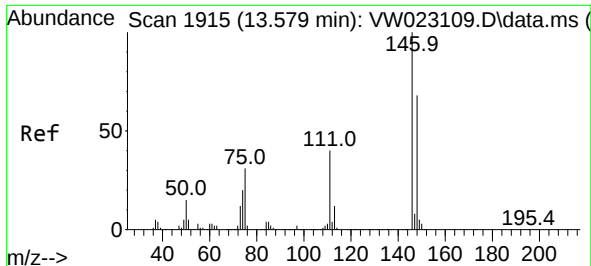
Tgt Ion:105 Resp: 520943
Ion Ratio Lower Upper
105 100
120 46.5 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 25.973 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion:146 Resp: 285469
Ion Ratio Lower Upper
146 100
111 41.6 29.5 54.9
148 63.1 48.6 90.2

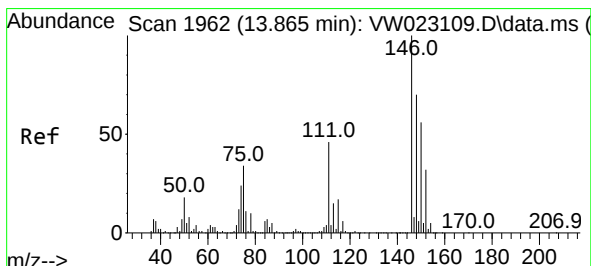
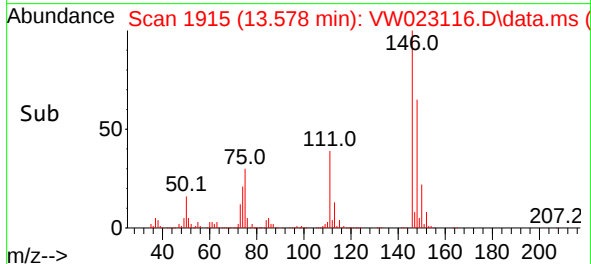
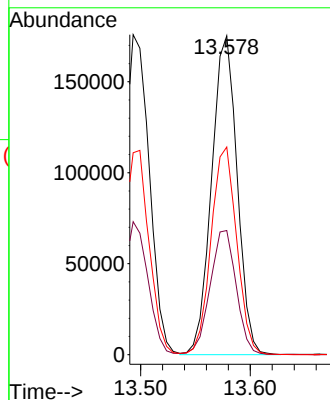
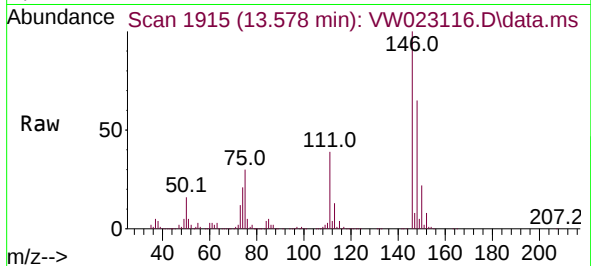




#65
1,4-Dichlorobenzene
Concen: 25.043 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

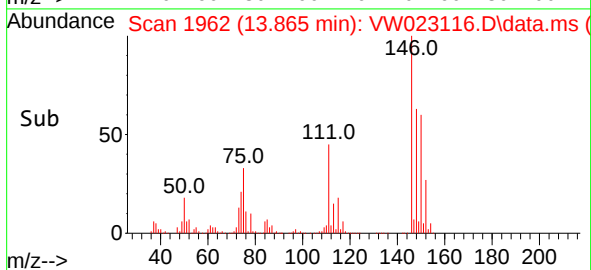
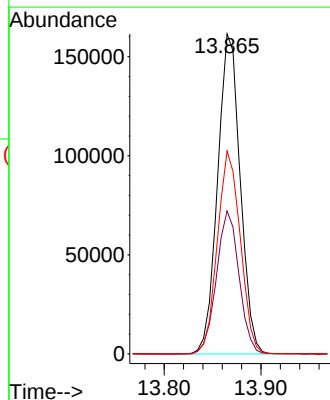
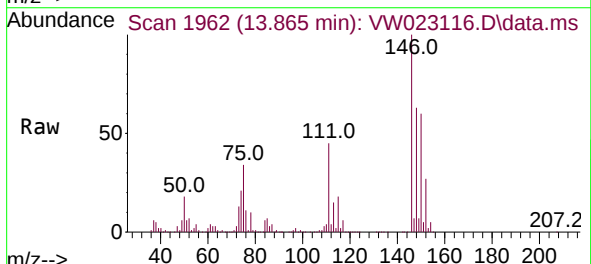
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

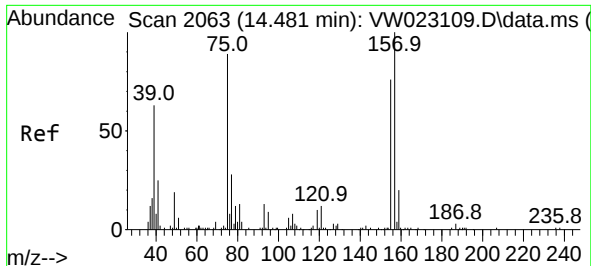
Tgt Ion:146 Resp: 284308
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.4
148 65.1 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 26.039 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion:146 Resp: 261893
Ion Ratio Lower Upper
146 100
111 44.7 35.7 53.5
148 63.4 52.6 79.0

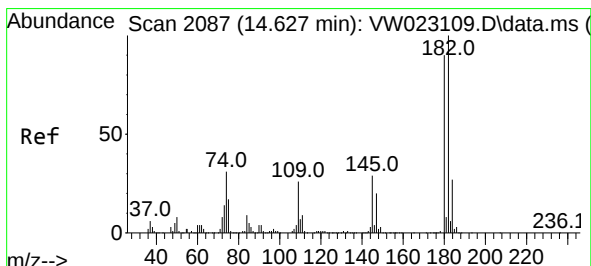
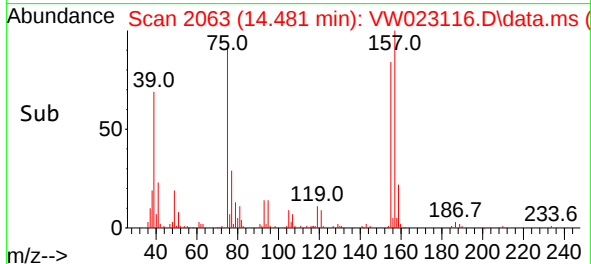
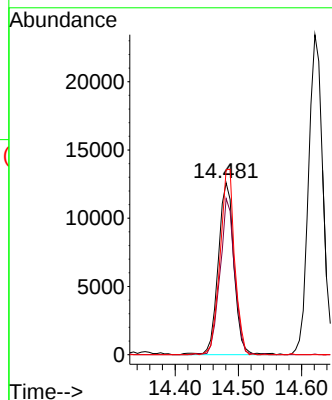
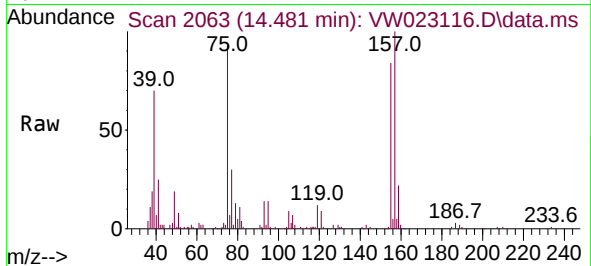




#68
1,2-Dibromo-3-chloropropane
Concen: 27.627 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

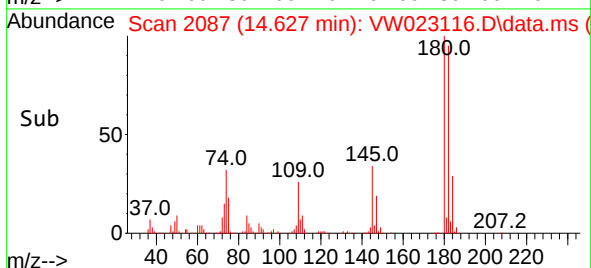
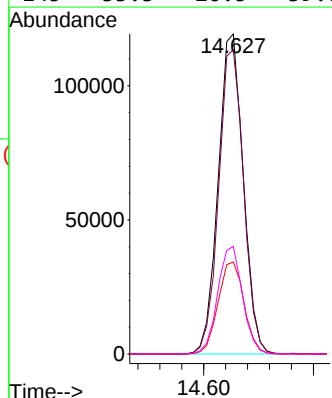
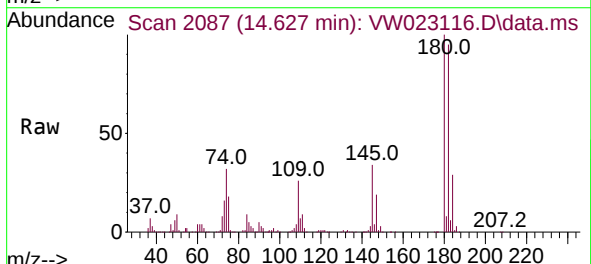
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

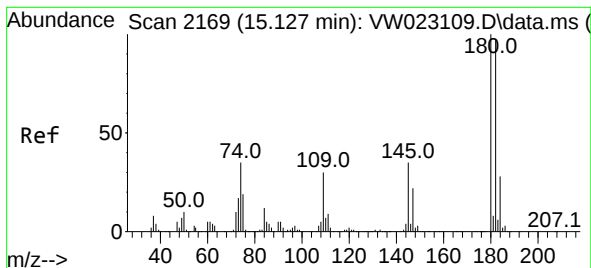
Tgt Ion: 75 Resp: 21679
Ion Ratio Lower Upper
75 100
155 90.9 59.3 88.9#
157 107.7 89.8 134.8



#69
1,3,5-Trichlorobenzene
Concen: 25.931 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023116.D
Acq: 17 May 2022 22:34

Tgt Ion: 180 Resp: 189185
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
184 29.8 23.4 35.2
145 33.3 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 27.424 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

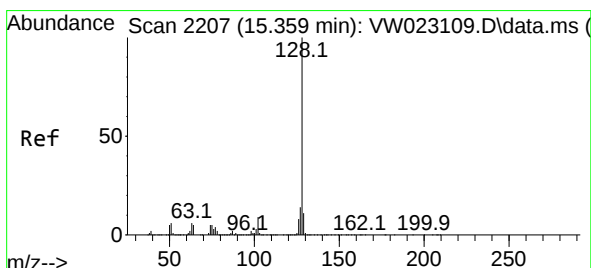
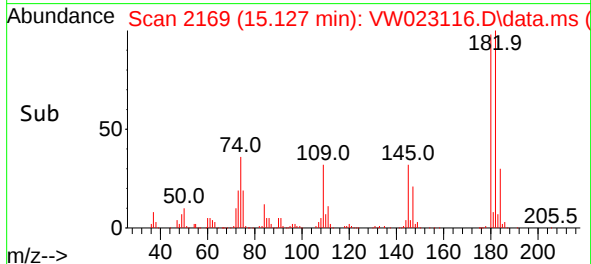
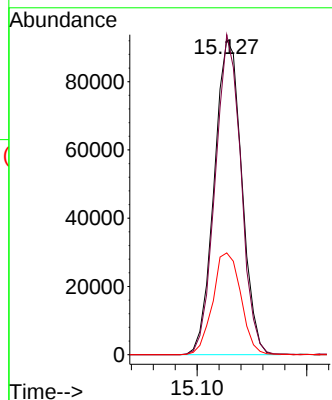
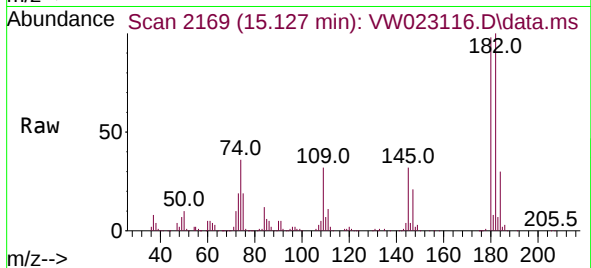
Tgt Ion:180 Resp: 160943

Ion Ratio Lower Upper

180 100

182 95.0 74.9 112.3

145 33.0 26.6 39.8



#71

Naphthalene

Concen: 29.947 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW023116.D

Acq: 17 May 2022 22:34

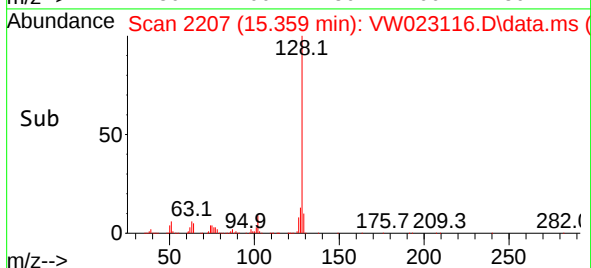
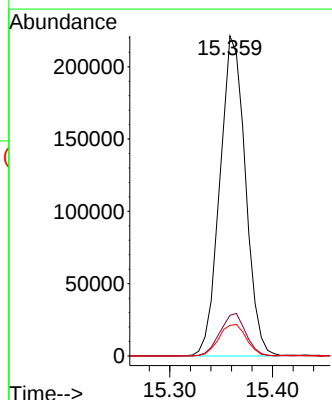
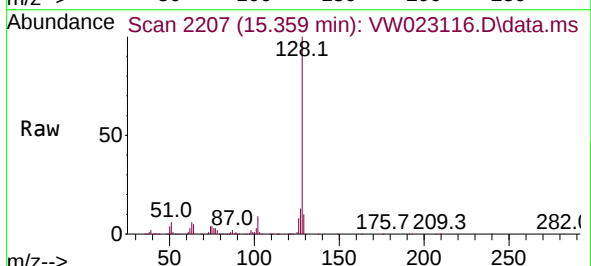
Tgt Ion:128 Resp: 381989

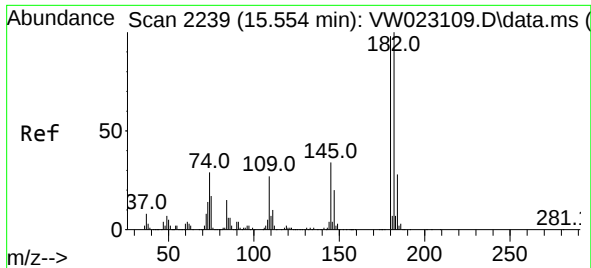
Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.6 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 27.365 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW023116.D
 Acq: 17 May 2022 22:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.6	73.5	110.3
145	36.2	27.9	41.9

