

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061423\
 Data File : VW026179.D
 Acq On : 14 Jun 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Jun 14 23:21:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 13 01:20:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	745862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	666552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	323268	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	219044	20.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.520%
7) Chloroethane-d5	2.893	69	193768	24.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
11) 1,1-Dichloroethene-d2	4.021	65	114052	22.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.160%
21) 2-Butanone-d5	7.081	46	154054	50.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.860%
24) Chloroform-d	7.648	84	519895	23.803	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	8.301	65	282829	23.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.270	84	1029664	22.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.270	67	331128	23.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	10.319	98	884407	22.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	10.575	79	122588	21.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.080%
47) 2-Hexanone-d5	10.922	63	107881	48.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252765	24.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	277478	22.426	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	185203	20.256	ug/L	# 84
3) Chloromethane	2.223	50	268851	22.932	ug/L	98
5) Vinyl chloride	2.369	62	300055	23.944	ug/L	98
6) Bromomethane	2.783	94	164777	24.119	ug/L	100
8) Chloroethane	2.930	64	179605	26.522	ug/L	100
9) Trichlorofluoromethane	3.265	101	225834	28.011	ug/L	100
12) 1,1-Dichloroethene	4.045	96	230328	24.254	ug/L	83
13) Acetone	4.131	43	121304	51.319	ug/L	98
14) Carbon disulfide	4.393	76	725924	21.654	ug/L	98
15) Methyl Acetate	4.673	43	125312	23.621	ug/L	99
16) Methylene chloride	4.917	84	257340	21.617	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	246419	23.128	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	386782	23.033	ug/L	99
19) 1,1-Dichloroethane	6.216	63	525905	24.245	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	272277	24.125	ug/L	97
22) 2-Butanone	7.173	43	170321	50.513	ug/L	97
23) Bromochloromethane	7.514	128	113175	23.514	ug/L	96
25) Chloroform	7.679	83	489700	24.239	ug/L	99
27) 1,2-Dichloroethane	8.398	62	336598	24.157	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061423\
 Data File : VW026179.D
 Acq On : 14 Jun 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Jun 14 23:21:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 13 01:20:44 2023
 Response via : Initial Calibration

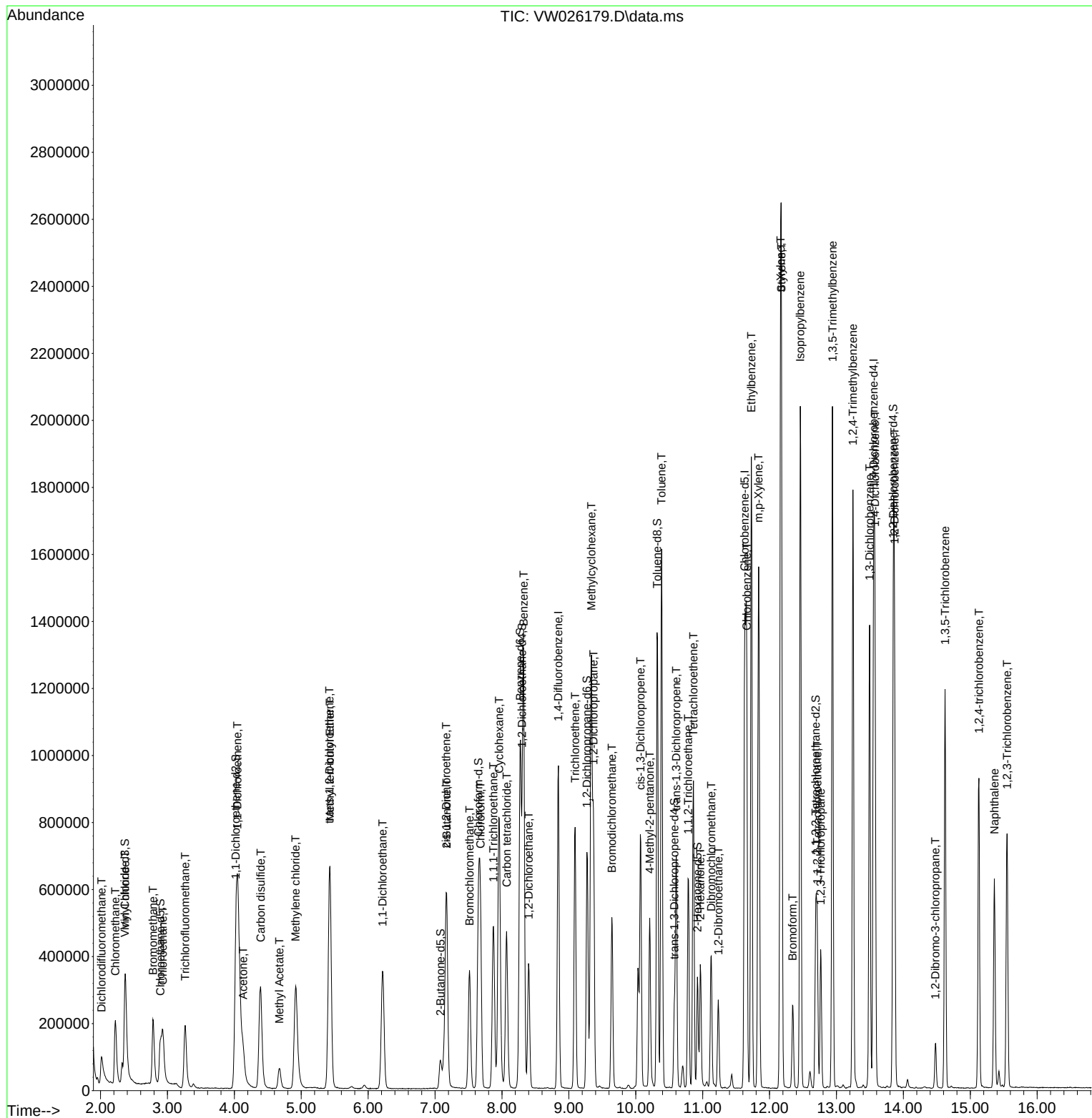
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	483410	23.491	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	386277	23.880	ug/L	98
31) Carbon tetrachloride	8.069	117	345833	23.429	ug/L	99
33) Benzene	8.325	78	1089237	23.855	ug/L	100
34) Trichloroethene	9.093	95	277287	23.716	ug/L	97
35) Methylcyclohexane	9.337	83	489642	23.667	ug/L	99
37) 1,2-Dichloropropane	9.368	63	298641	24.147	ug/L	99
38) Bromodichloromethane	9.642	83	340552	23.702	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	438700	24.138	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	349020	47.867	ug/L	100
42) Toluene	10.386	91	1125794	24.105	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	365130	24.115	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	195213	23.950	ug/L	100
46) Tetrachloroethene	10.861	164	193169	23.358	ug/L	96
48) 2-Hexanone	10.965	43	241908	47.053	ug/L	99
49) Dibromochloromethane	11.130	129	203797	23.847	ug/L	95
50) 1,2-Dibromoethane	11.233	107	171808	22.765	ug/L	92
51) Chlorobenzene	11.660	112	674620	23.051	ug/L	95
52) Ethylbenzene	11.727	91	1265002	24.011	ug/L	100
53) m,p-Xylene	11.837	106	472721	24.120	ug/L	94
54) o-Xylene	12.166	106	444484	24.028	ug/L	100
55) Styrene	12.178	104	771632	24.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	234195	23.742	ug/L	98
59) Bromoform	12.343	173	110644	22.788	ug/L	98
60) Isopropylbenzene	12.459	105	1251521	24.644	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168417	23.258	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1006366	24.928	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	900669	24.359	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	518431	24.280	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	502354	23.368	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	459574	23.968	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	35759	21.315	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	319311	21.770	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	271484	22.431	ug/L	94
71) Naphthalene	15.360	128	499838	23.172	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	233743	22.098	ug/L	99

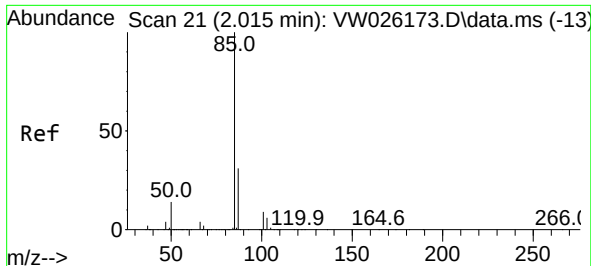
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061423\
 Data File : VW026179.D
 Acq On : 14 Jun 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Jun 14 23:21:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 13 01:20:44 2023
 Response via : Initial Calibration

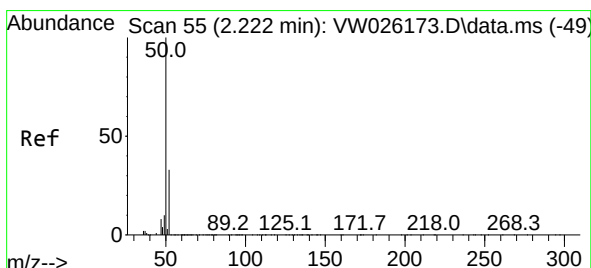
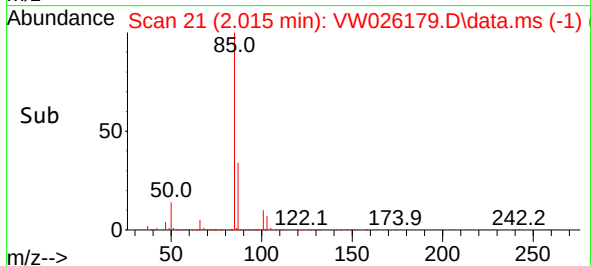
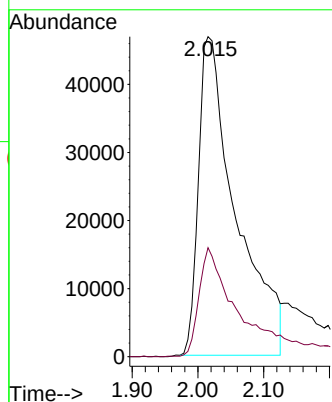
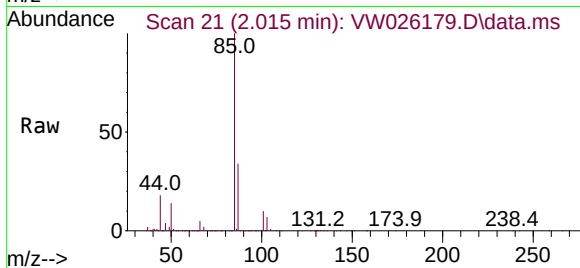




#2
Dichlorodifluoromethane
Concen: 20.256 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

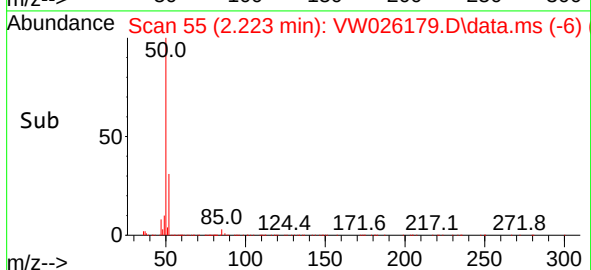
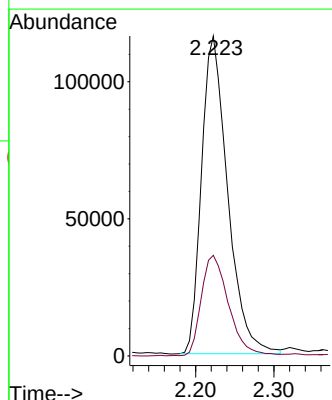
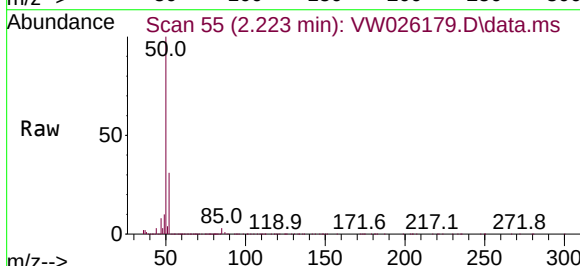
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

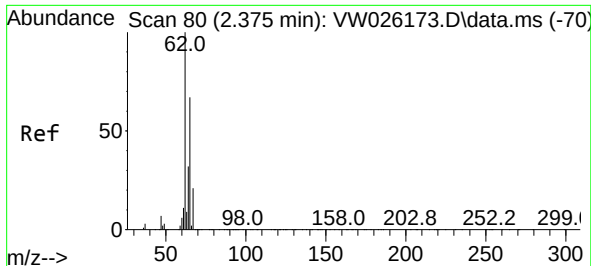
Tgt Ion: 85 Resp: 185203
Ion Ratio Lower Upper
85 100
87 36.0 22.2 33.2#



#3
Chloromethane
Concen: 22.932 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 50 Resp: 268851
Ion Ratio Lower Upper
50 100
52 31.5 21.3 39.6

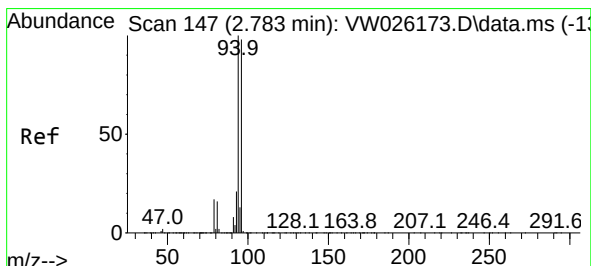
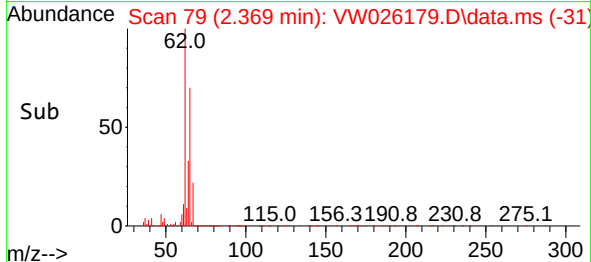
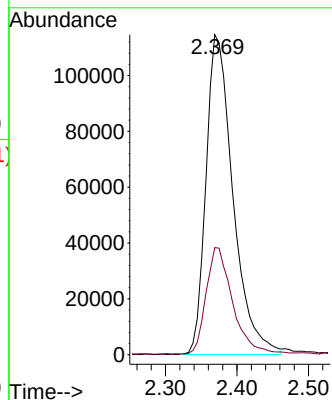
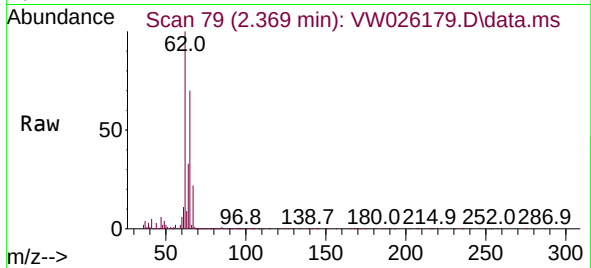




#5
 Vinyl chloride
 Concen: 23.944 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026179.D
 Acq: 14 Jun 2023 09:52

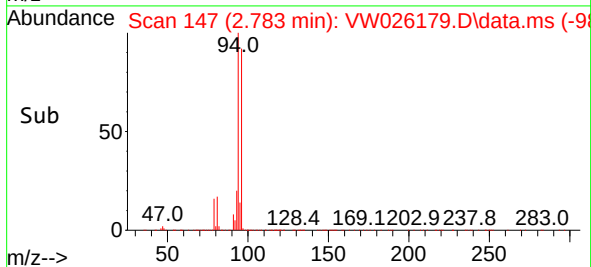
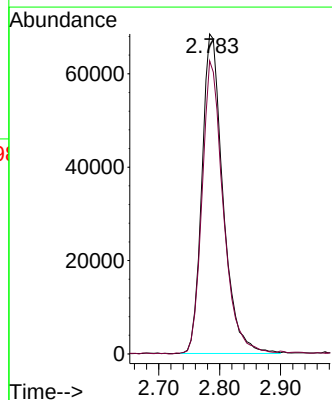
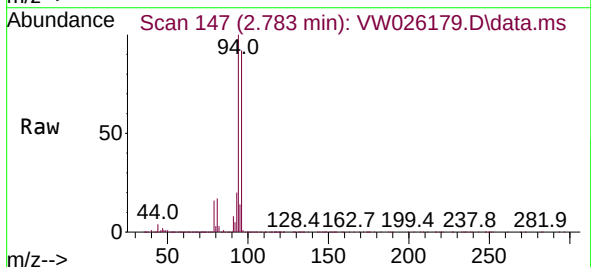
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

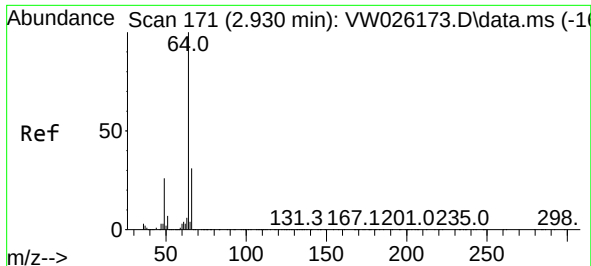
Tgt Ion: 62 Resp: 300055
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.1



#6
 Bromomethane
 Concen: 24.119 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026179.D
 Acq: 14 Jun 2023 09:52

Tgt Ion: 94 Resp: 164777
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.2 119.2

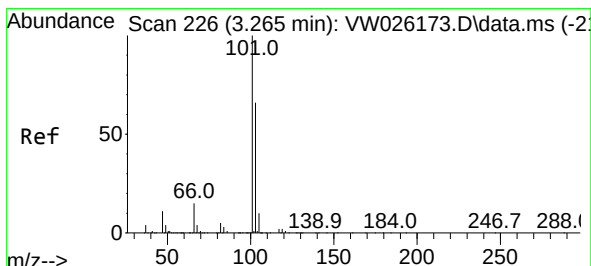
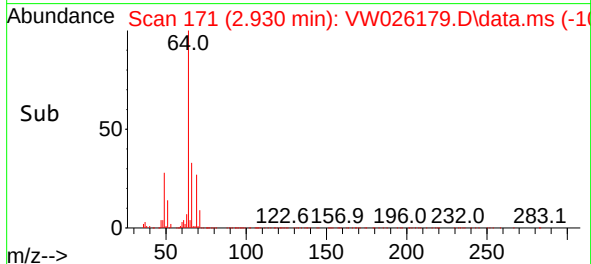
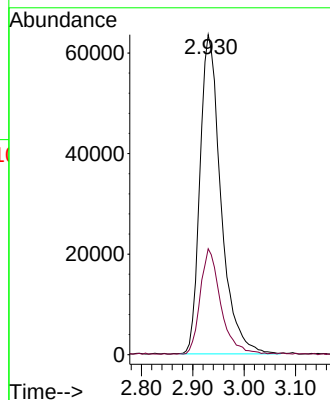
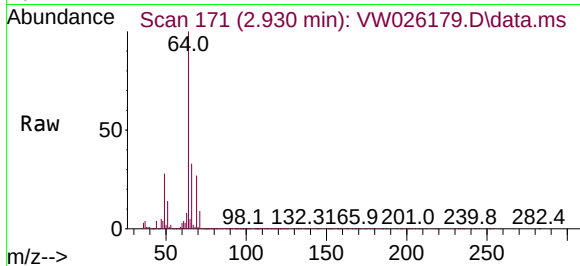




#8
Chloroethane
Concen: 26.522 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

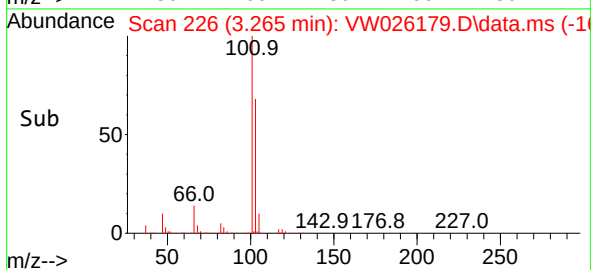
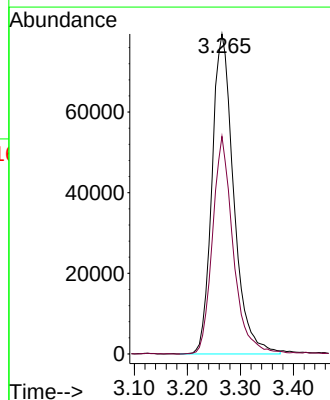
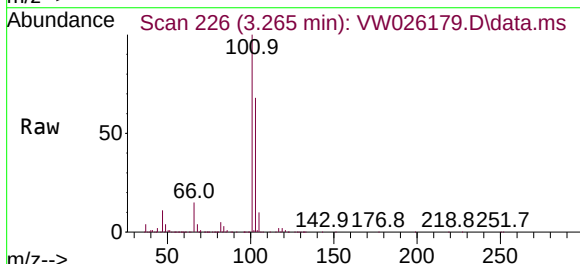
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

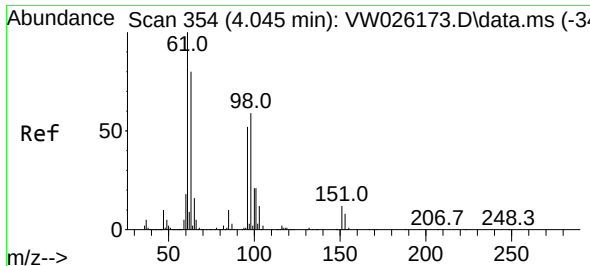
Tgt Ion: 64 Resp: 179605
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 28.011 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 101 Resp: 225834
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

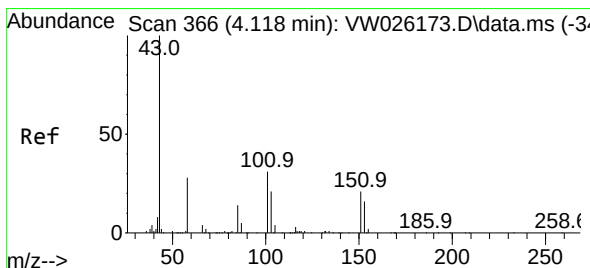
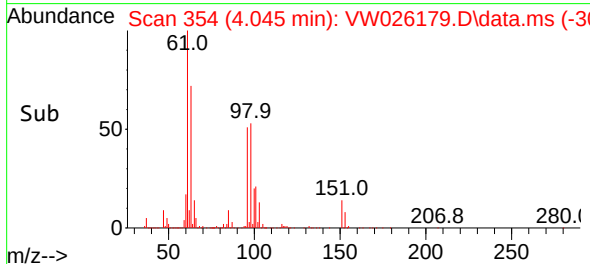
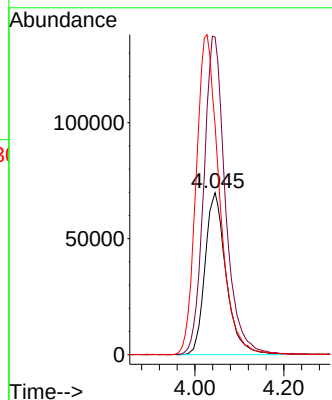
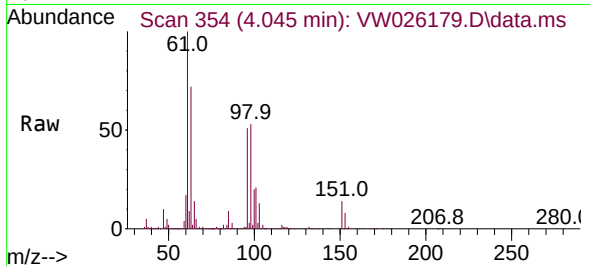




#12
 1,1-Dichloroethene
 Concen: 24.254 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026179.D
 Acq: 14 Jun 2023 09:52

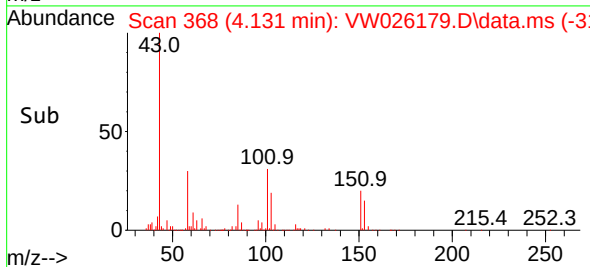
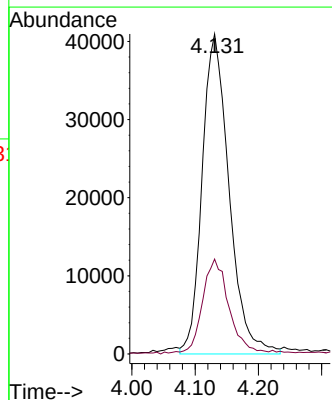
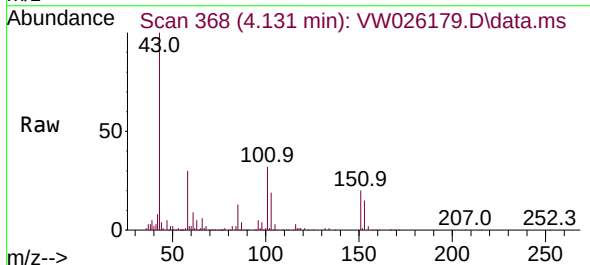
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

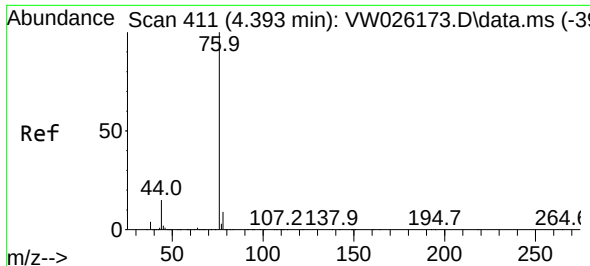
Tgt Ion: 96 Resp: 230328
 Ion Ratio Lower Upper
 96 100
 61 196.1 140.6 261.0
 63 141.9 131.7 244.5



#13
 Acetone
 Concen: 51.319 ug/L
 RT: 4.131 min Scan# 368
 Delta R.T. 0.012 min
 Lab File: VW026179.D
 Acq: 14 Jun 2023 09:52

Tgt Ion: 43 Resp: 121304
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 58.2

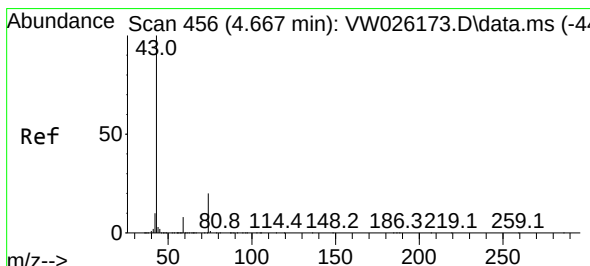
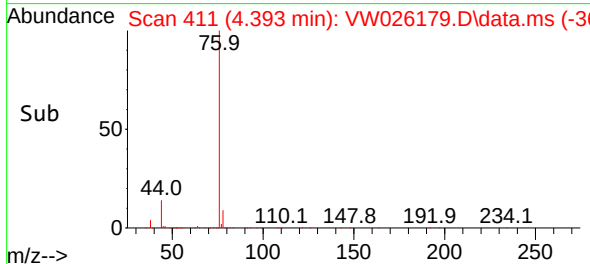
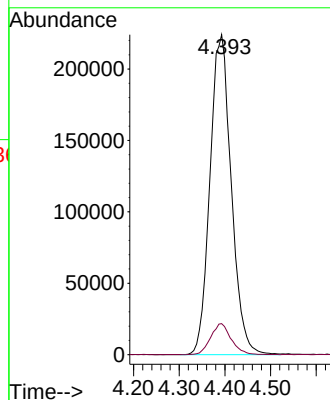
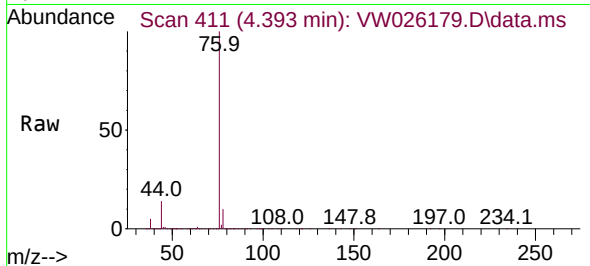




#14
Carbon disulfide
Concen: 21.654 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

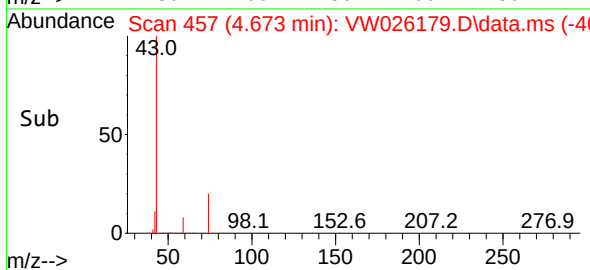
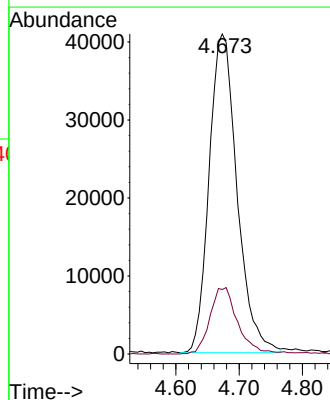
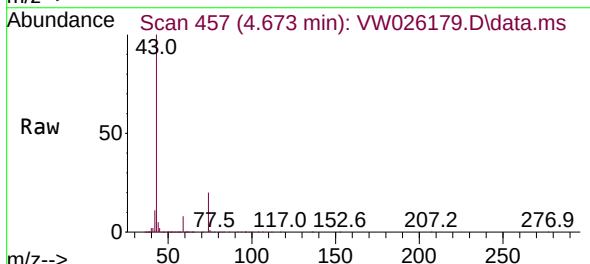
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

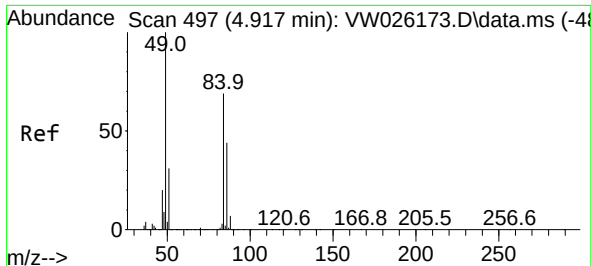
Tgt Ion: 76 Resp: 725924
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#15
Methyl Acetate
Concen: 23.621 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 43 Resp: 125312
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0

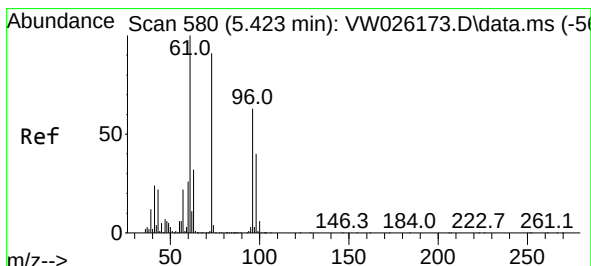
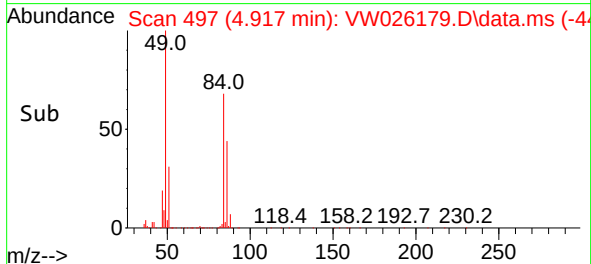
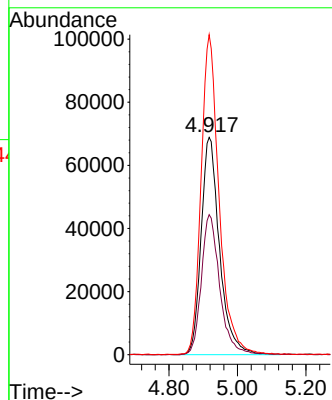
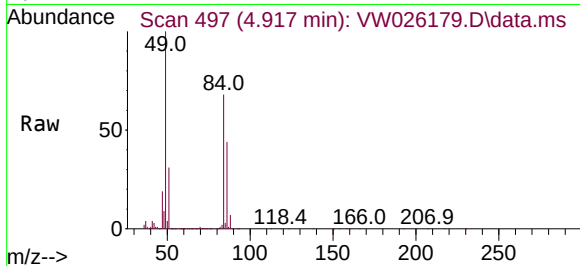




#16
Methylene chloride
Concen: 21.617 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

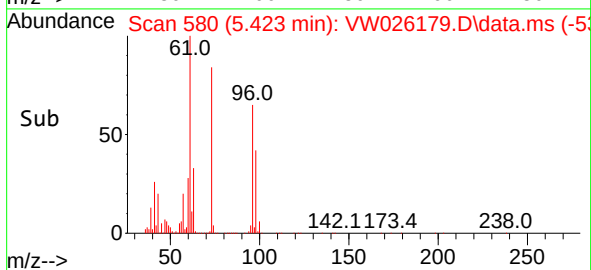
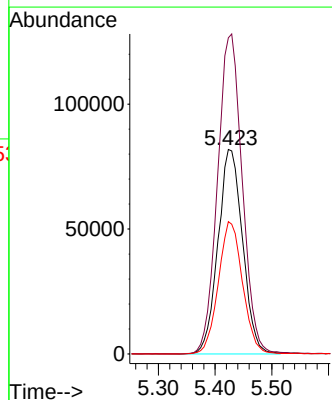
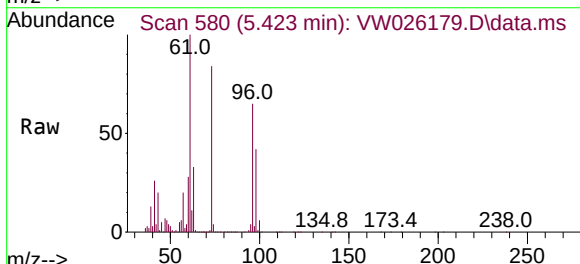
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

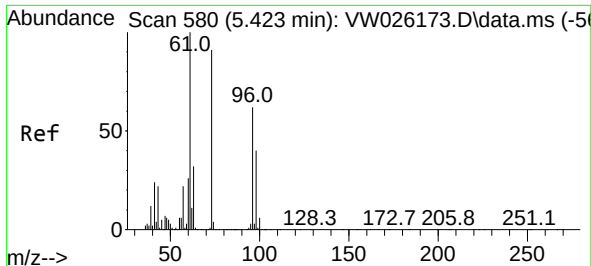
Tgt Ion: 84 Resp: 257340
Ion Ratio Lower Upper
84 100
86 64.5 44.2 82.0
49 147.3 98.8 183.6



#17
trans-1,2-Dichloroethene
Concen: 23.128 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 96 Resp: 246419
Ion Ratio Lower Upper
96 100
61 154.5 113.0 209.8
98 64.7 42.5 78.9

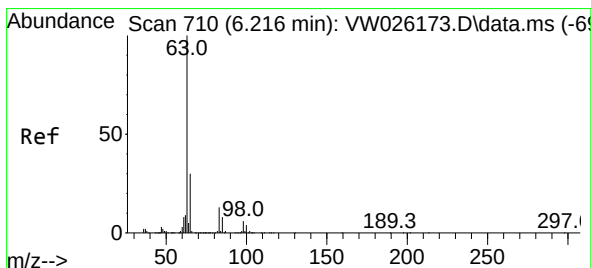
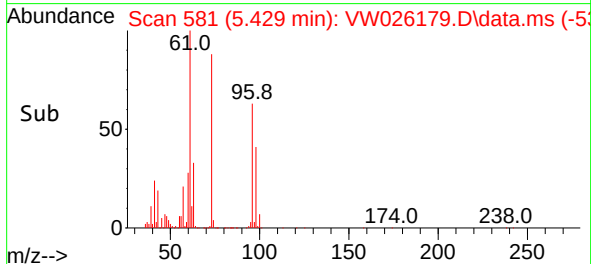
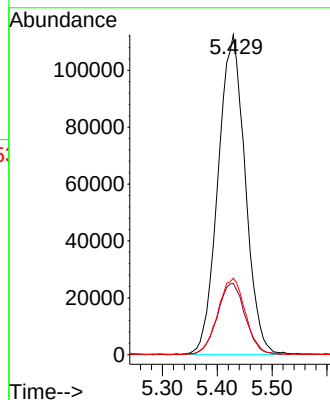
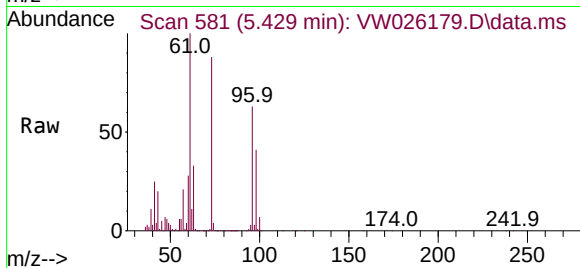




#18
Methyl tert-butyl Ether
Concen: 23.033 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

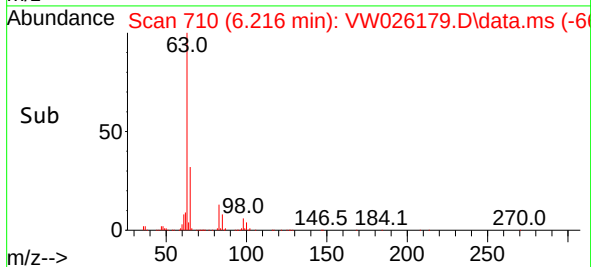
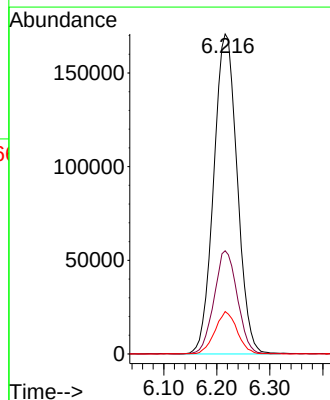
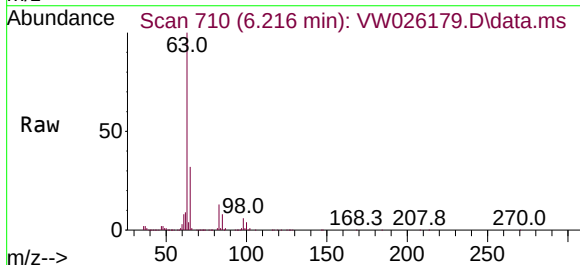
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

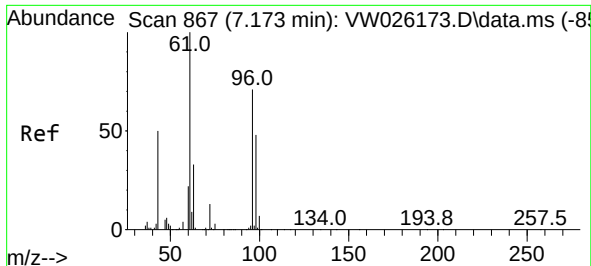
Tgt Ion: 73 Resp: 386782
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 24.2 18.9 28.3



#19
1,1-Dichloroethane
Concen: 24.245 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 63 Resp: 525905
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.5
83 13.3 9.1 16.9

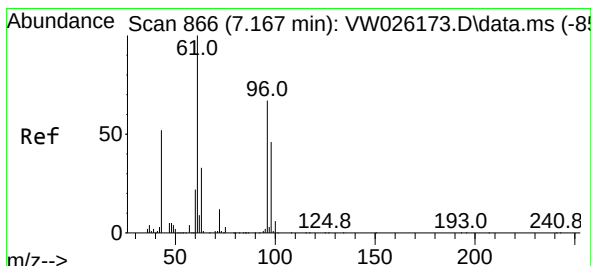
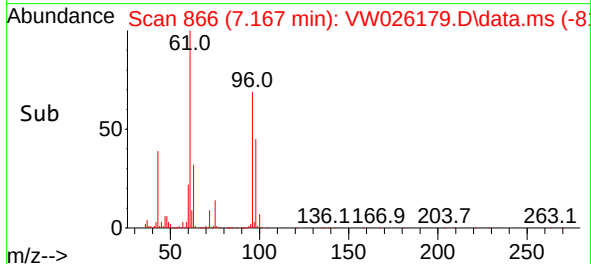
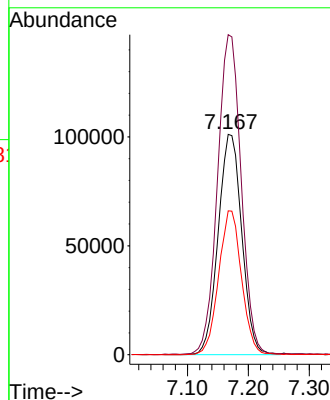
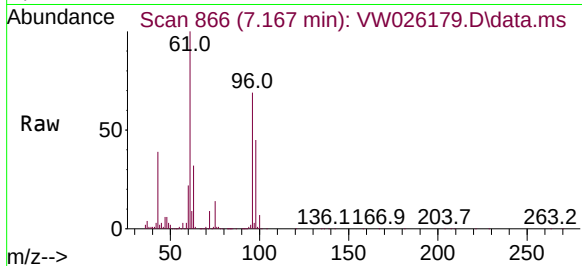




#20
cis-1,2-Dichloroethene
Concen: 24.125 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

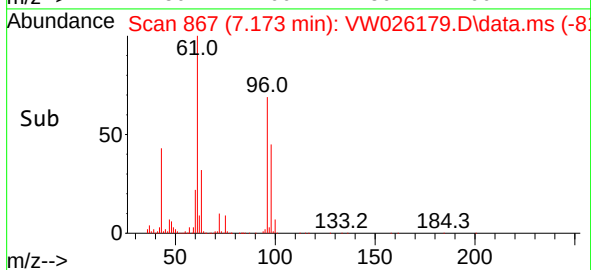
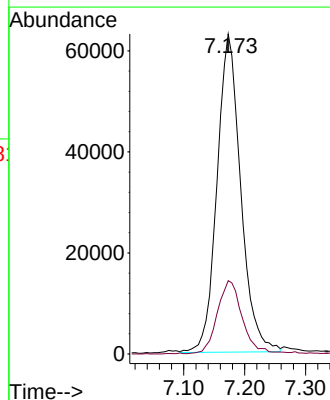
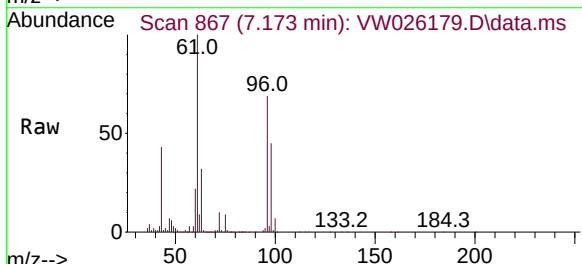
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

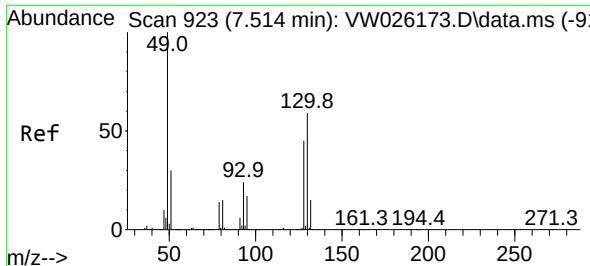
Tgt Ion: 96 Resp: 272277
Ion Ratio Lower Upper
96 100
61 145.2 98.4 182.8
98 65.3 45.2 84.0



#22
2-Butanone
Concen: 50.513 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 43 Resp: 170321
Ion Ratio Lower Upper
43 100
72 23.4 12.4 37.4

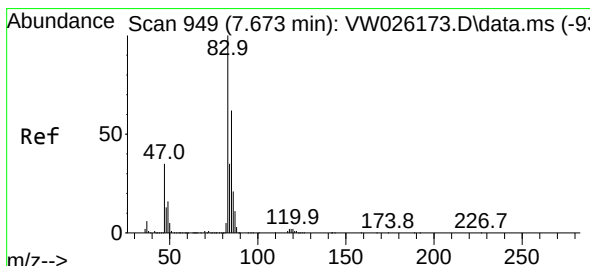
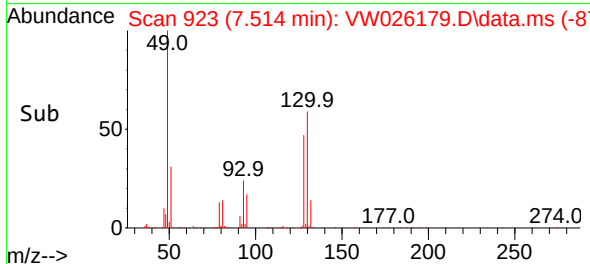
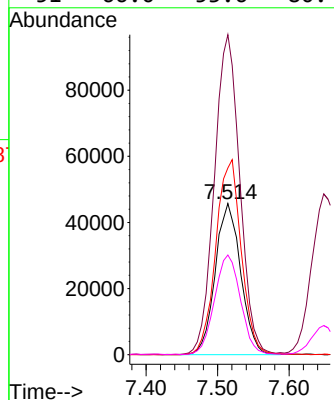
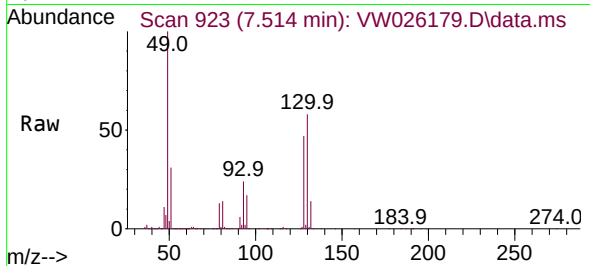




#23
Bromochloromethane
Concen: 23.514 ug/L
RT: 7.514 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

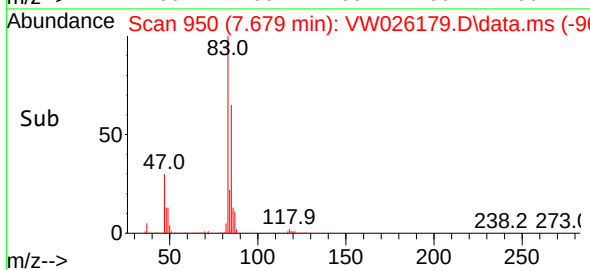
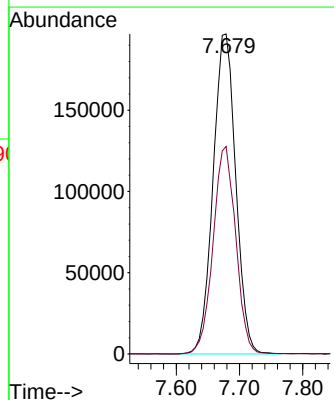
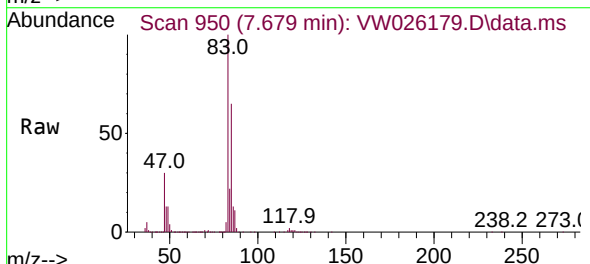
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

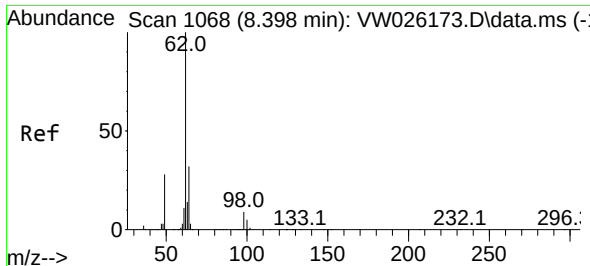
Tgt Ion:128 Resp: 113175
Ion Ratio Lower Upper
128 100
49 211.7 140.6 261.0
130 123.5 86.0 159.6
51 66.0 53.6 80.4



#25
Chloroform
Concen: 24.239 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 83 Resp: 489700
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7





#27

1,2-Dichloroethane

Concen: 24.157 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

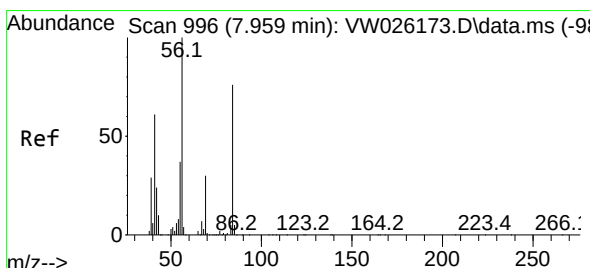
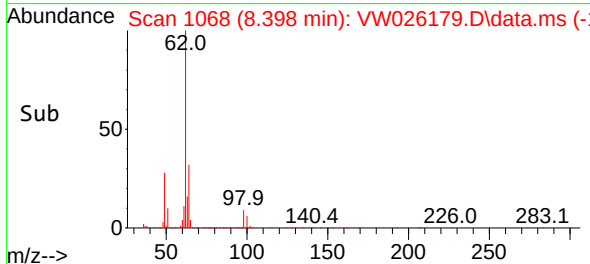
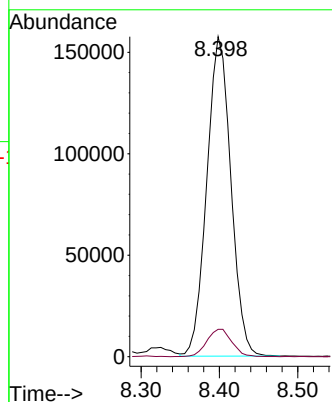
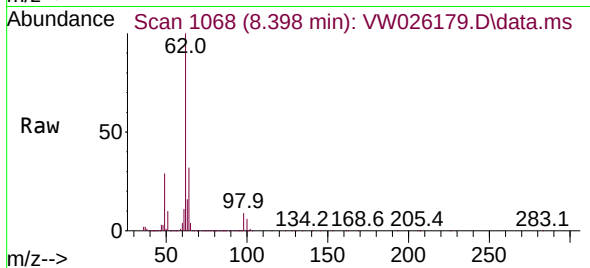
VSTD025517

Tgt Ion: 62 Resp: 336598

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.2



#29

Cyclohexane

Concen: 23.491 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

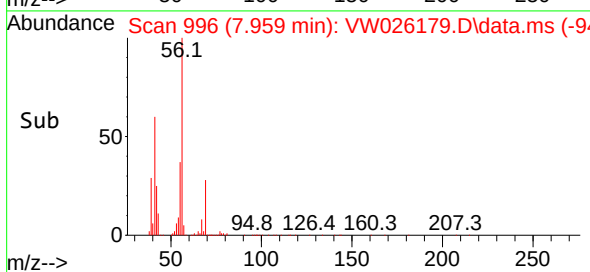
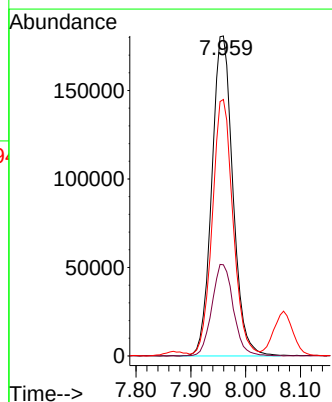
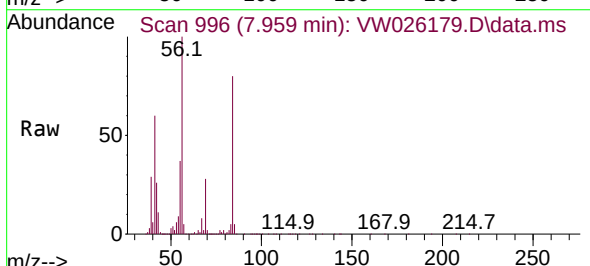
Tgt Ion: 56 Resp: 483410

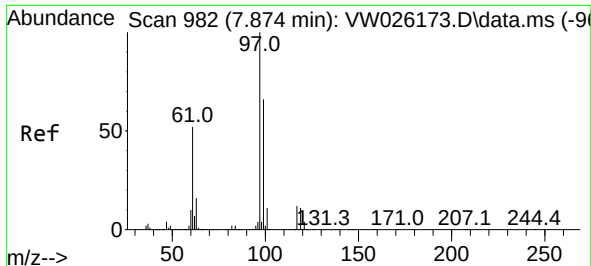
Ion Ratio Lower Upper

56 100

69 29.0 23.3 34.9

84 79.1 63.0 94.6

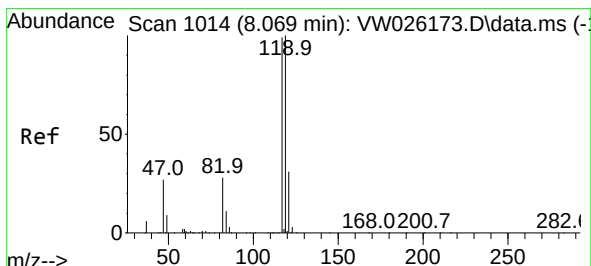
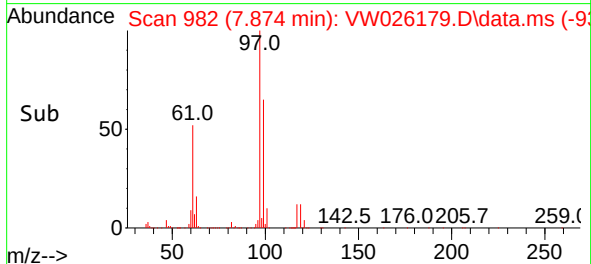
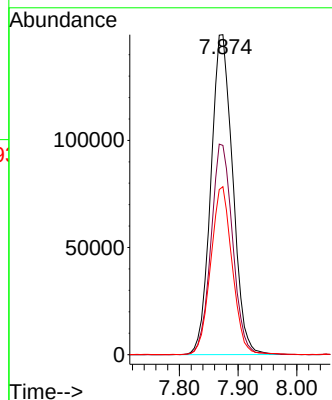
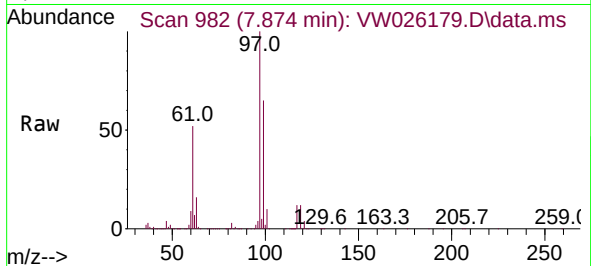




#30
1,1,1-Trichloroethane
Concen: 23.880 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

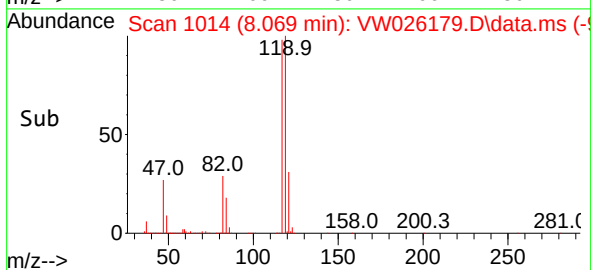
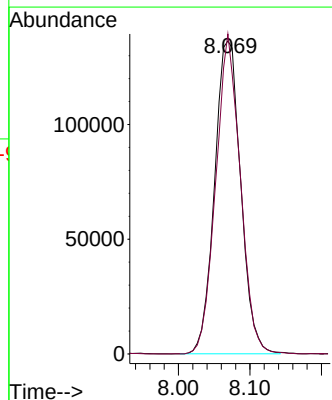
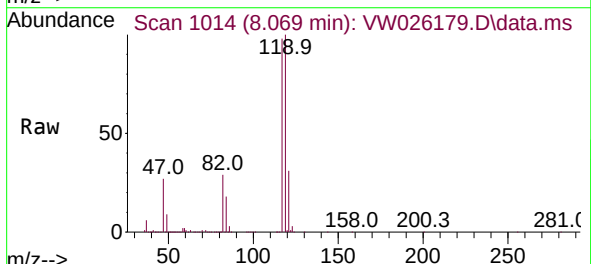
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

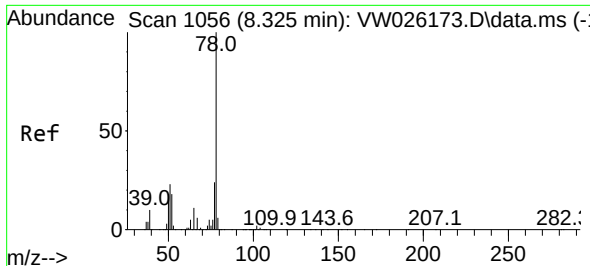
Tgt Ion: 97 Resp: 386277
Ion Ratio Lower Upper
97 100
99 65.2 50.6 76.0
61 51.3 40.5 60.7



#31
Carbon tetrachloride
Concen: 23.429 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 117 Resp: 345833
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.2

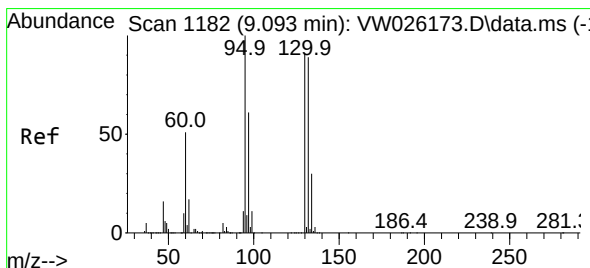
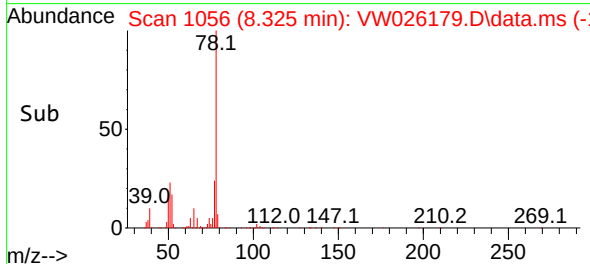
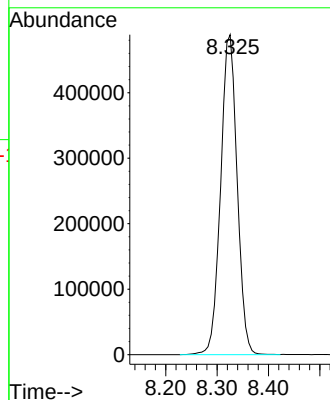
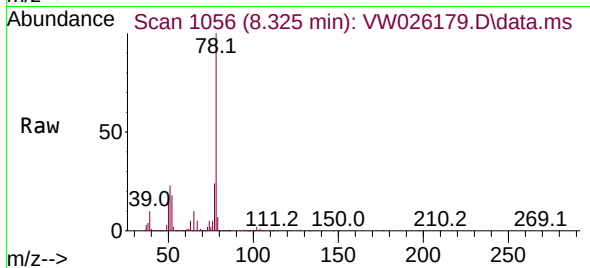




#33
Benzene
Concen: 23.855 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

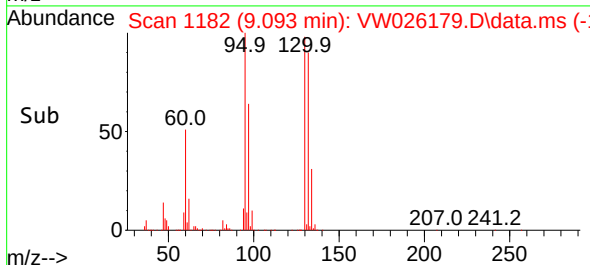
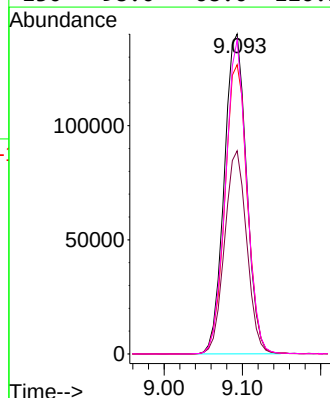
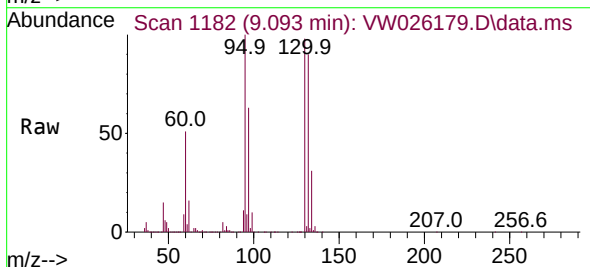
Tgt Ion: 78 Resp: 1089237

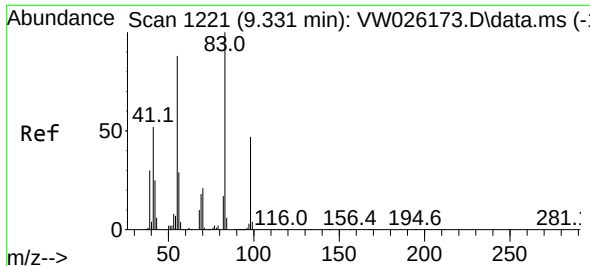


#34
Trichloroethene
Concen: 23.716 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 95 Resp: 277287

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.9	85.3
132	90.4	67.1	124.7
130	98.0	68.0	126.2

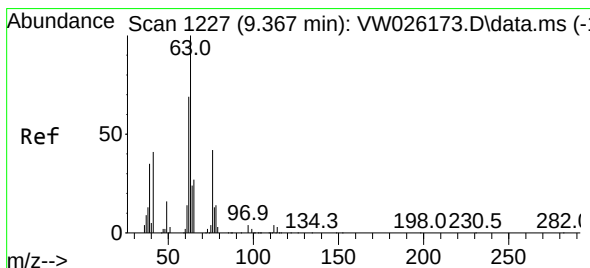
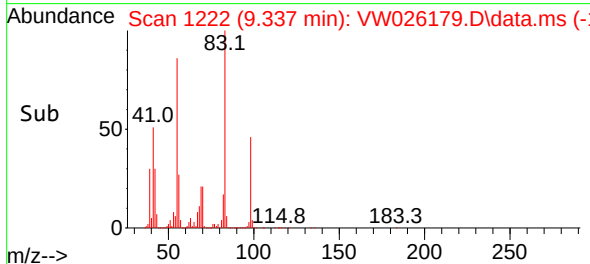
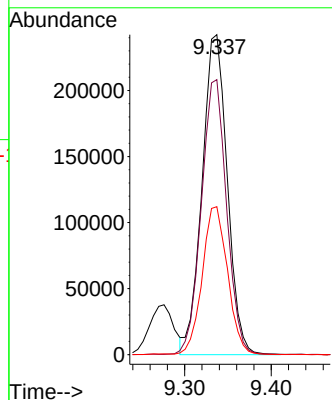
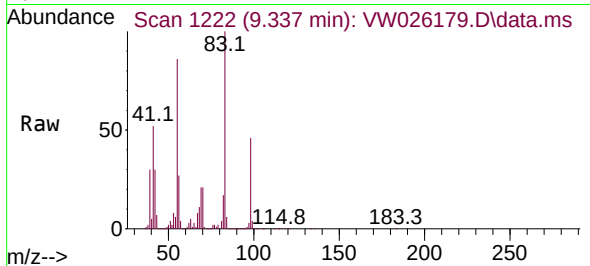




#35
Methylcyclohexane
Concen: 23.667 ug/L
RT: 9.337 min Scan# 1221
Delta R.T. 0.006 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

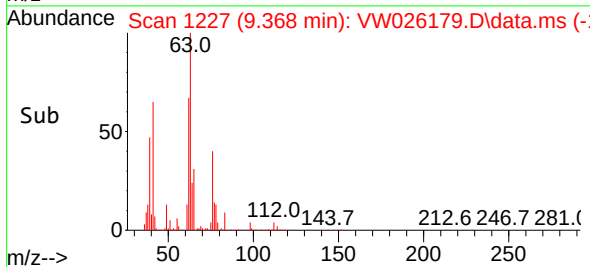
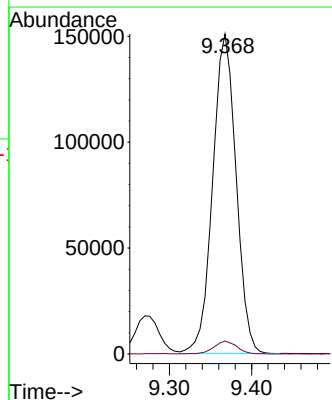
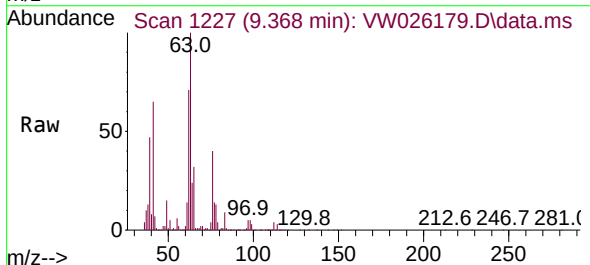
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

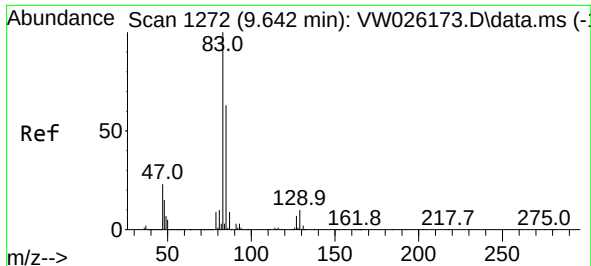
Tgt Ion: 83 Resp: 489642
Ion Ratio Lower Upper
83 100
55 86.2 68.2 102.4
98 46.7 38.1 57.1



#37
1,2-Dichloropropane
Concen: 24.147 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 63 Resp: 298641
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9

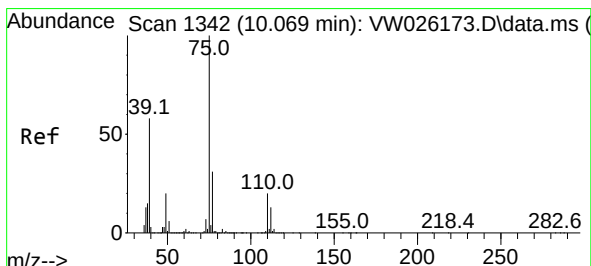
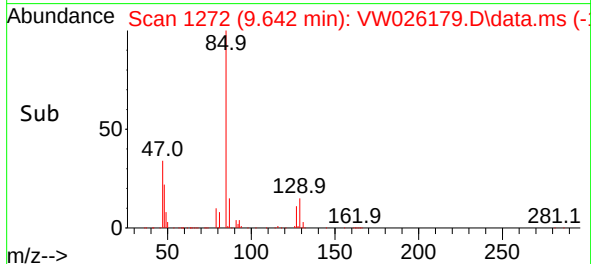
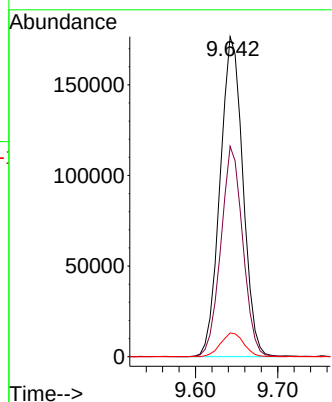
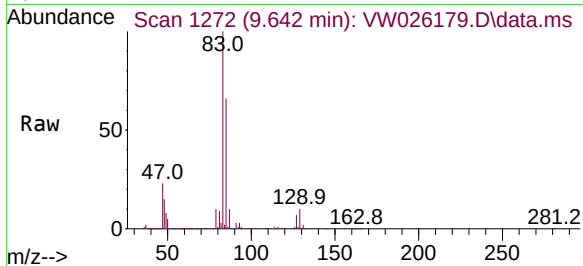




#38
Bromodichloromethane
Concen: 23.702 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

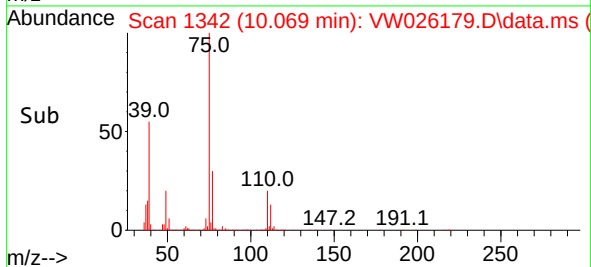
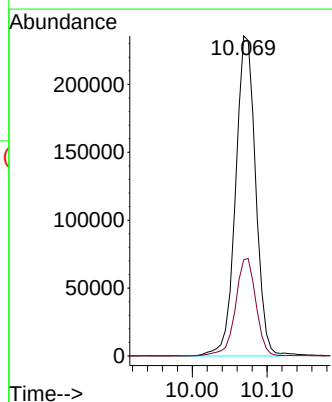
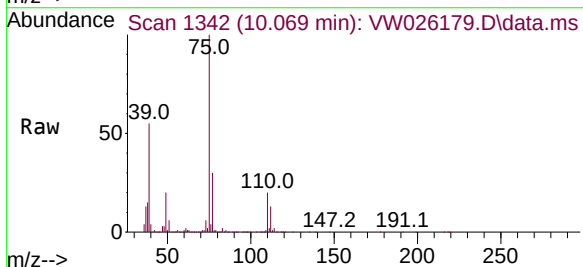
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

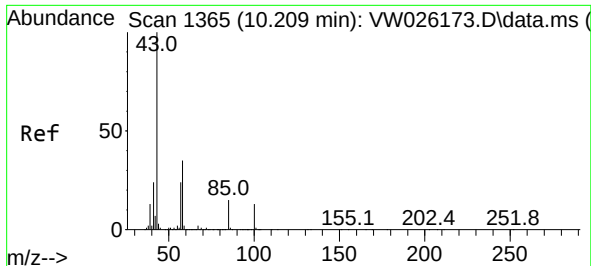
Tgt Ion: 83 Resp: 340552
Ion Ratio Lower Upper
83 100
85 65.7 44.2 82.0
127 7.4 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 24.138 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 75 Resp: 438700
Ion Ratio Lower Upper
75 100
77 30.1 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 47.867 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

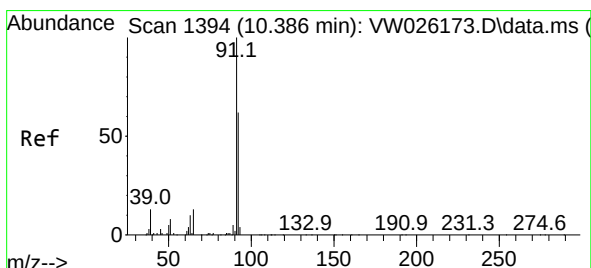
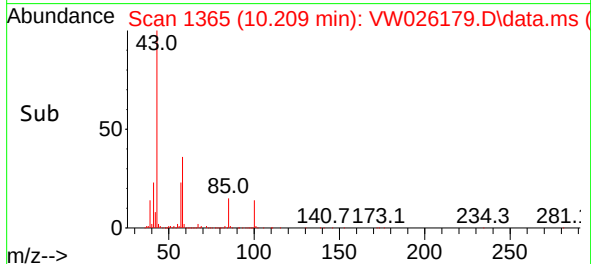
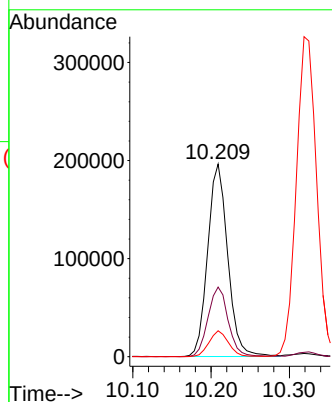
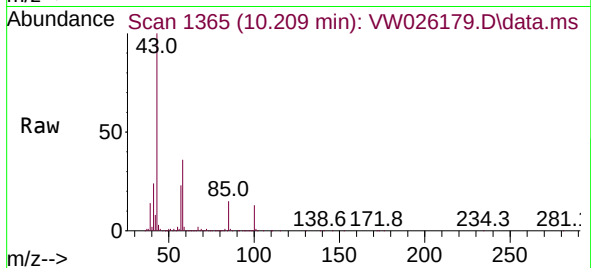
Tgt Ion: 43 Resp: 349020

Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.4

100 13.2 10.5 15.7



#42

Toluene

Concen: 24.105 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026179.D

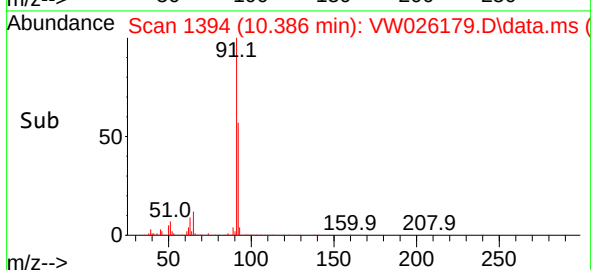
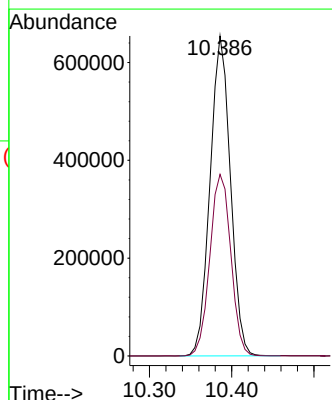
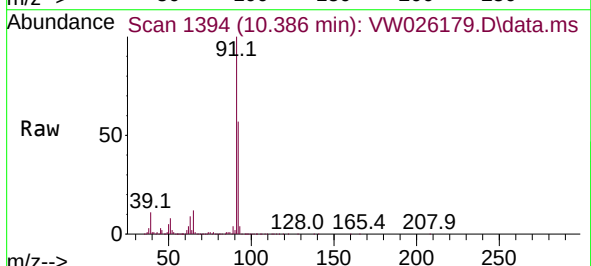
Acq: 14 Jun 2023 09:52

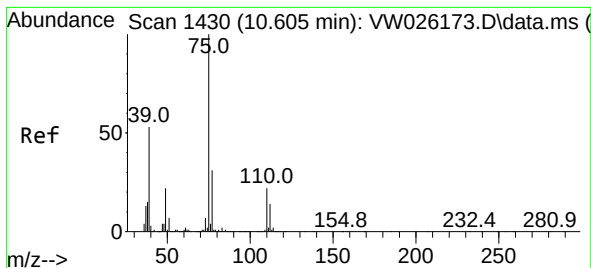
Tgt Ion: 91 Resp: 1125794

Ion Ratio Lower Upper

91 100

92 56.8 42.2 78.4





#44

trans-1,3-Dichloropropene

Concen: 24.115 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

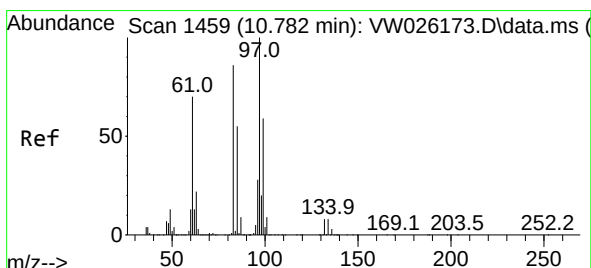
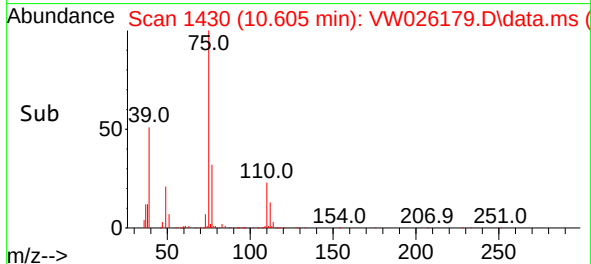
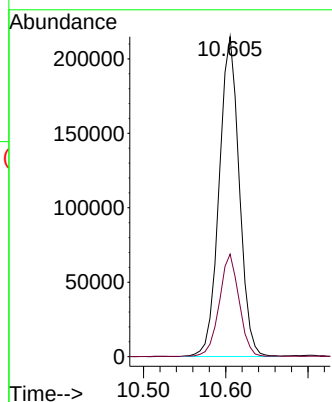
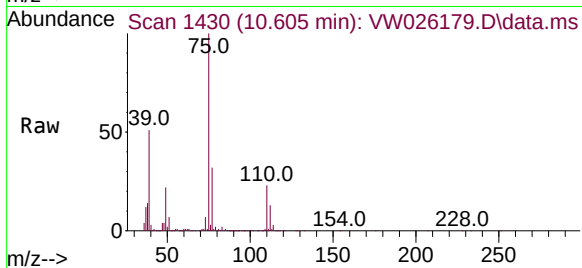
VSTD025517

Tgt Ion: 75 Resp: 365130

Ion Ratio Lower Upper

75 100

77 32.0 21.1 39.3



#45

1,1,2-Trichloroethane

Concen: 23.950 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Tgt Ion: 97 Resp: 195213

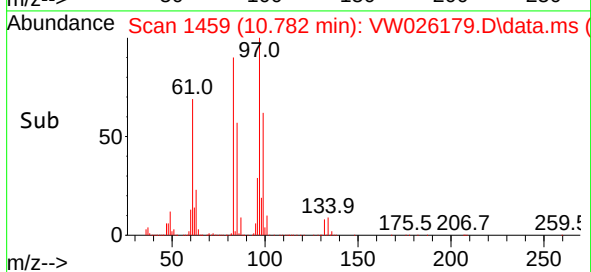
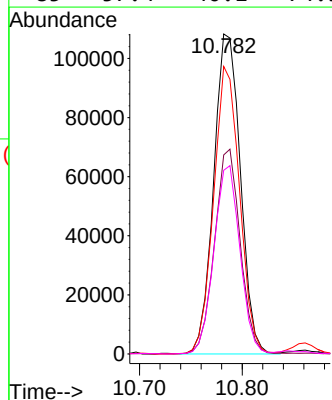
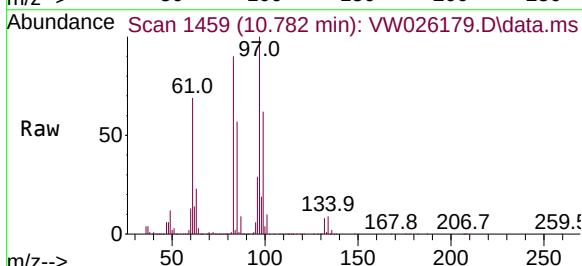
Ion Ratio Lower Upper

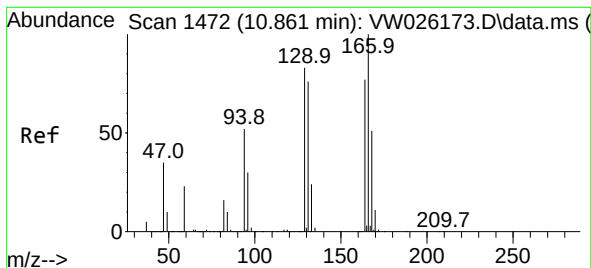
97 100

99 62.2 43.3 80.5

83 89.8 62.9 116.9

85 57.4 40.1 74.5





#46

Tetrachloroethene

Concen: 23.358 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

Tgt Ion:164 Resp: 193169

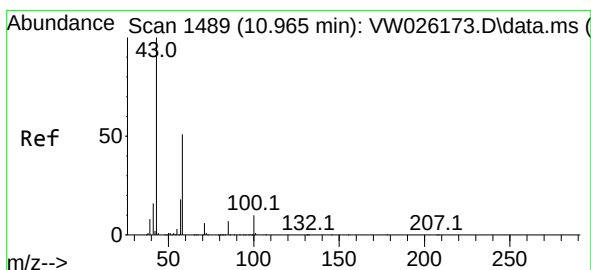
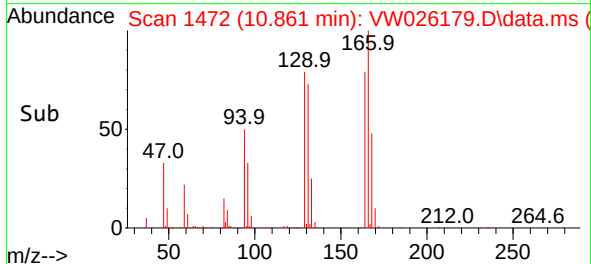
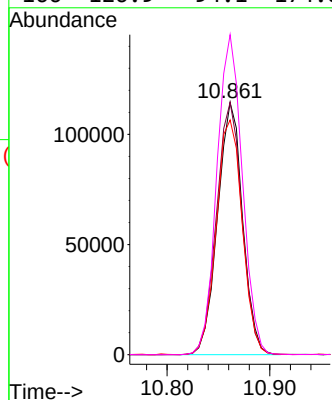
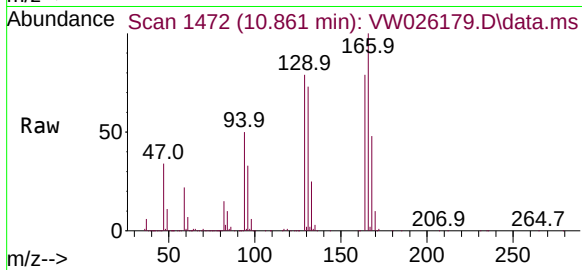
Ion Ratio Lower Upper

164 100

129 100.1 68.5 127.1

131 93.1 67.1 124.7

166 126.9 94.1 174.8



#48

2-Hexanone

Concen: 47.053 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Tgt Ion: 43 Resp: 241908

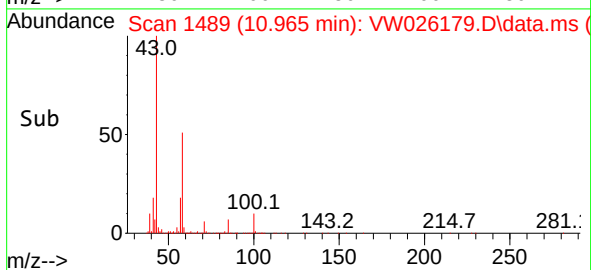
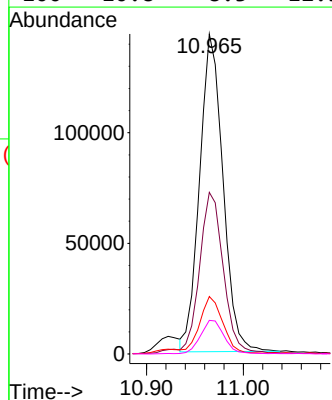
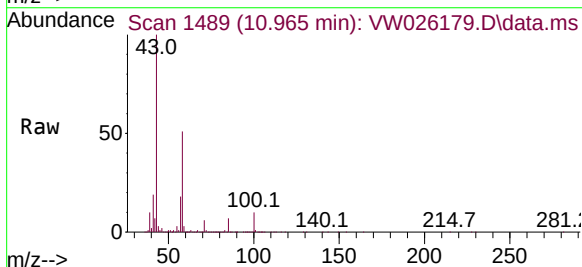
Ion Ratio Lower Upper

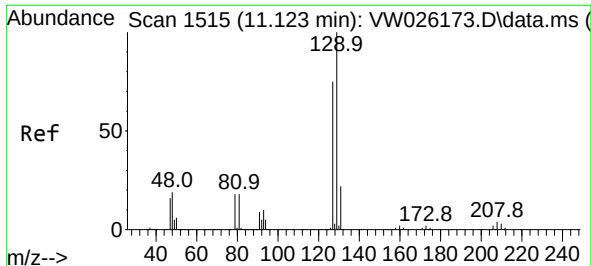
43 100

58 51.8 42.2 63.2

57 17.9 14.2 21.2

100 10.8 8.3 12.5





#49

Dibromochloromethane

Concen: 23.847 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

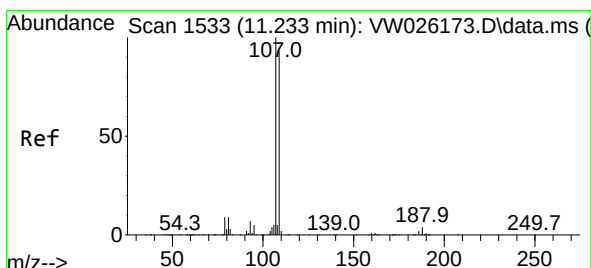
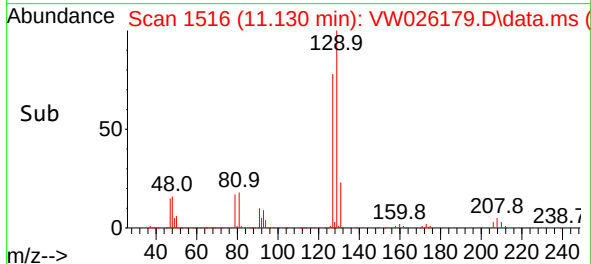
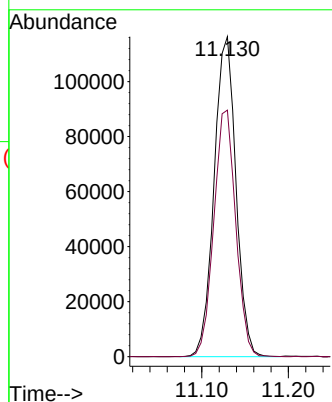
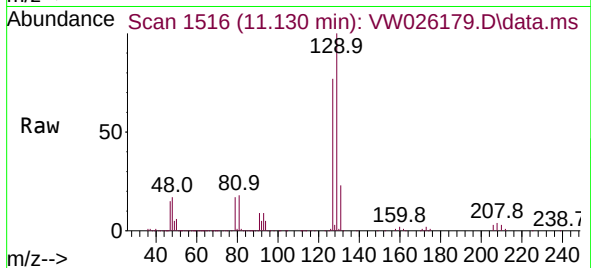
VSTD025517

Tgt Ion:129 Resp: 203797

Ion Ratio Lower Upper

129 100

127 77.0 56.9 105.7



#50

1,2-Dibromoethane

Concen: 22.765 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

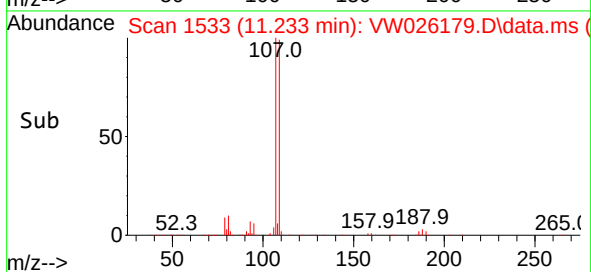
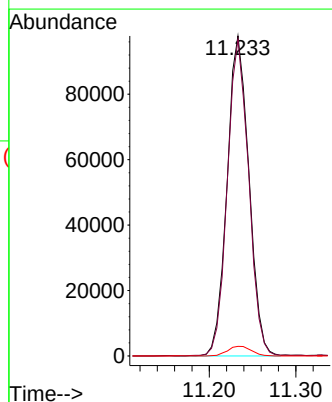
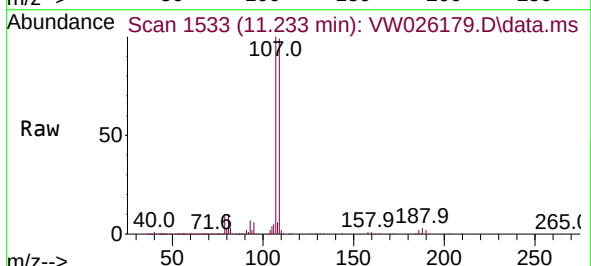
Tgt Ion:107 Resp: 171808

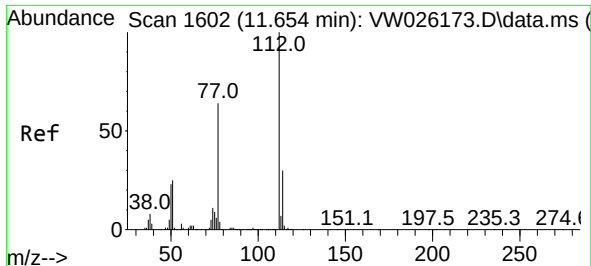
Ion Ratio Lower Upper

107 100

109 98.9 64.0 119.0

188 3.0 2.6 3.8

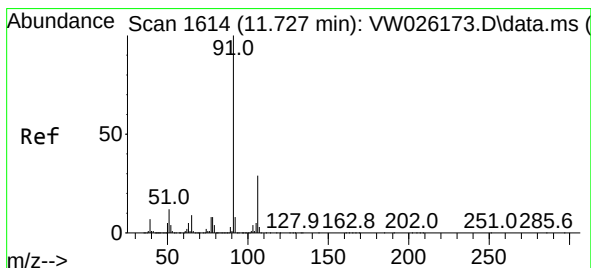
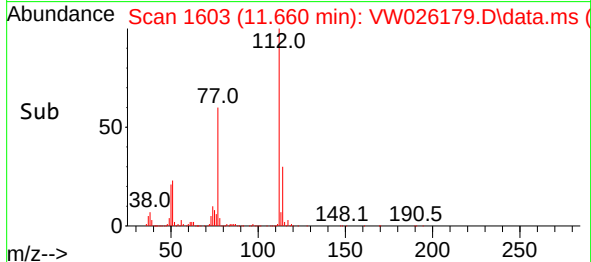
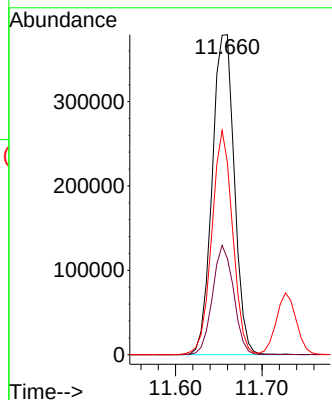
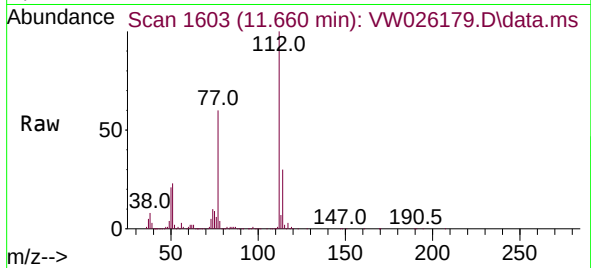




#51
Chlorobenzene
Concen: 23.051 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

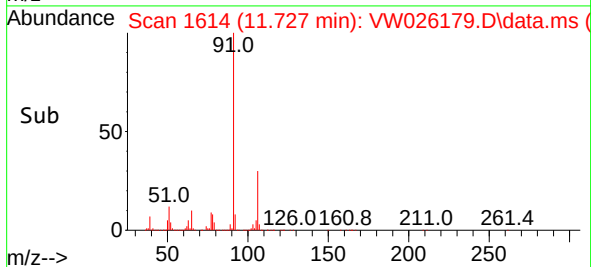
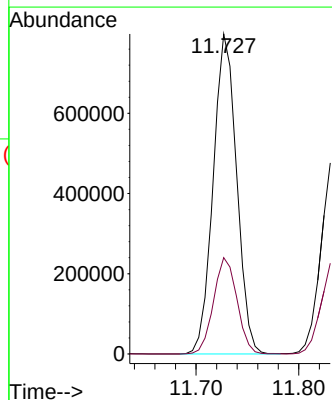
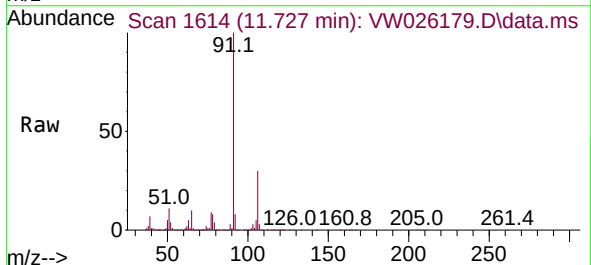
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

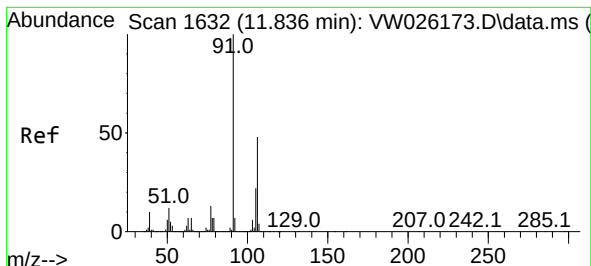
Tgt Ion:112 Resp: 674620
Ion Ratio Lower Upper
112 100
114 30.1 23.0 42.6
77 60.0 50.9 76.3



#52
Ethylbenzene
Concen: 24.011 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 91 Resp: 1265002
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4





#53

m,p-Xylene

Concen: 24.120 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

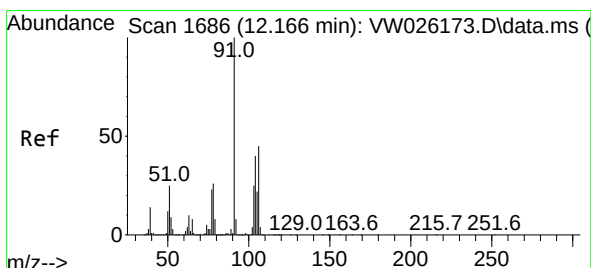
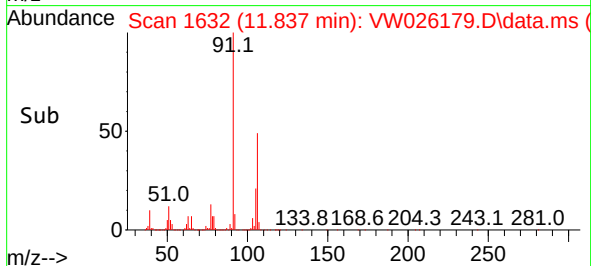
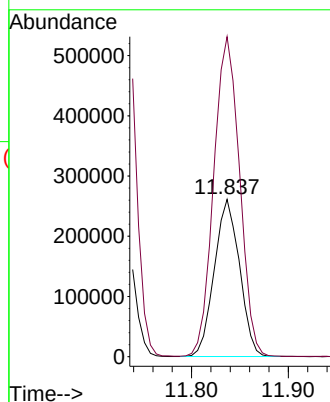
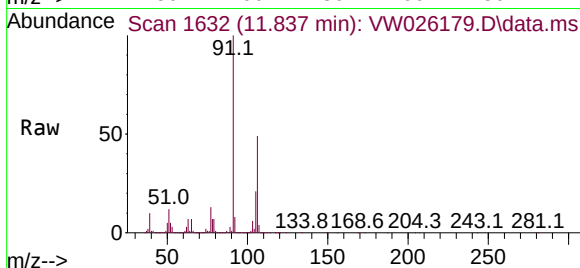
VSTD025517

Tgt Ion:106 Resp: 472721

Ion Ratio Lower Upper

106 100

91 203.4 149.5 277.7



#54

o-Xylene

Concen: 24.028 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW026179.D

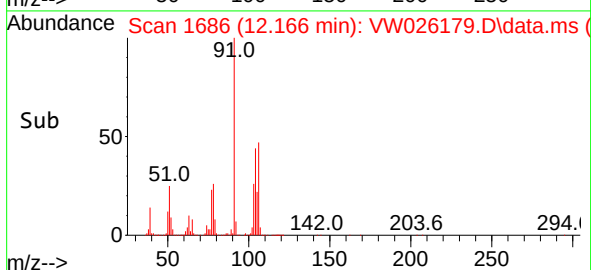
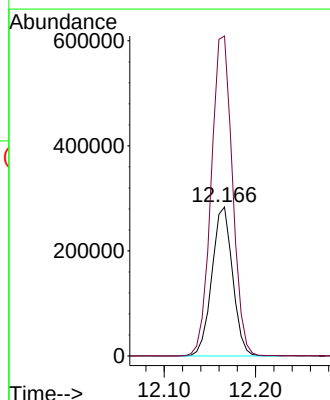
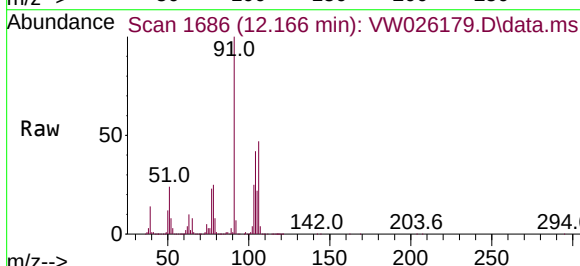
Acq: 14 Jun 2023 09:52

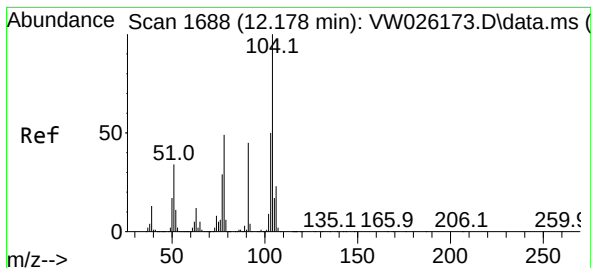
Tgt Ion:106 Resp: 444484

Ion Ratio Lower Upper

106 100

91 214.8 150.9 280.3





#55

Styrene

Concen: 24.315 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

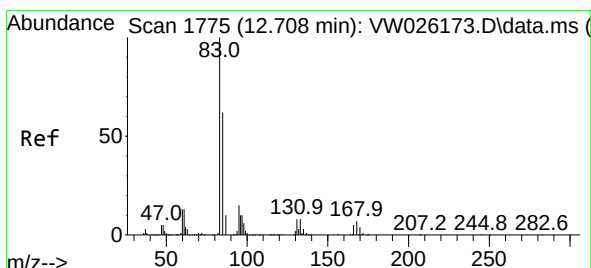
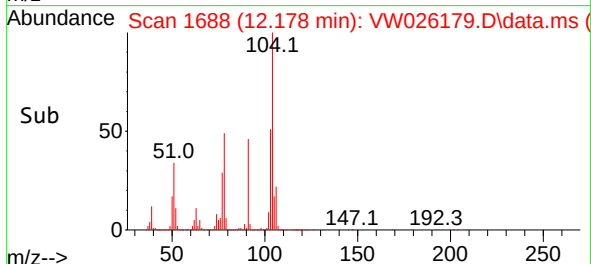
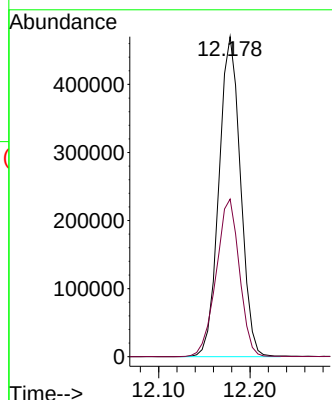
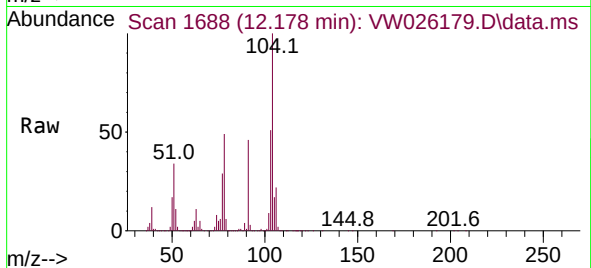
VSTD025517

Tgt Ion:104 Resp: 771632

Ion Ratio Lower Upper

104 100

78 49.3 32.6 60.6



#57

1,1,2,2-Tetrachloroethane

Concen: 23.742 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

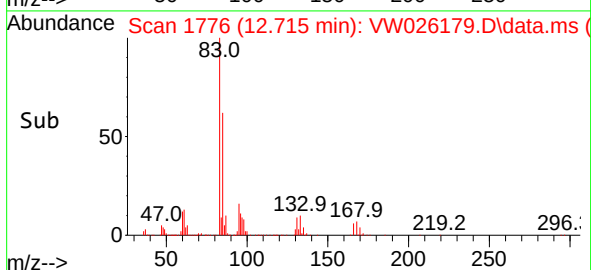
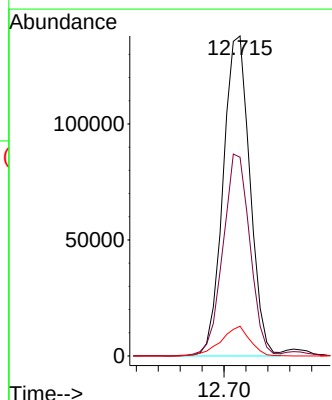
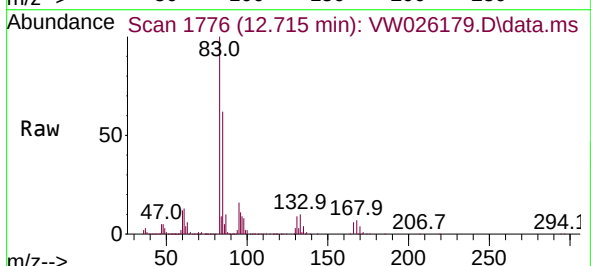
Tgt Ion: 83 Resp: 234195

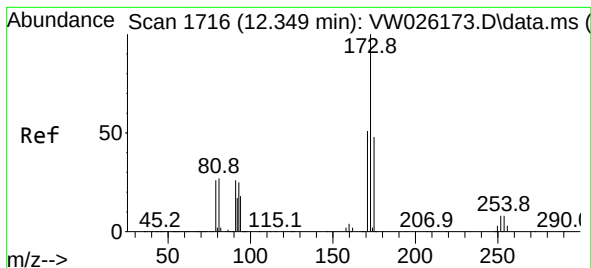
Ion Ratio Lower Upper

83 100

85 62.1 42.6 79.0

131 9.3 7.2 10.8





#59

Bromoform

Concen: 22.788 ug/L

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

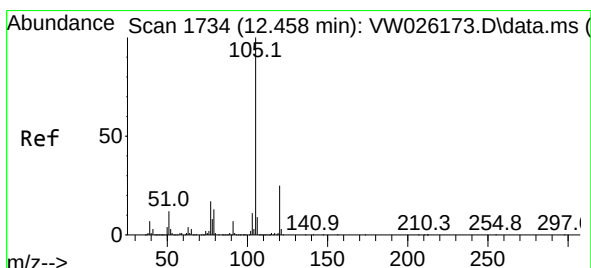
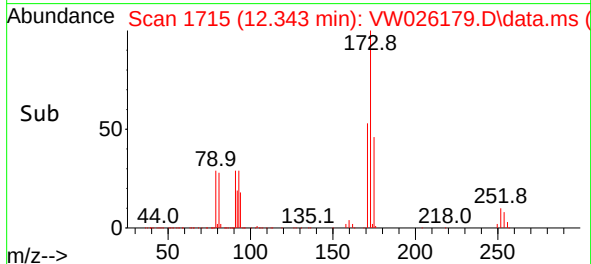
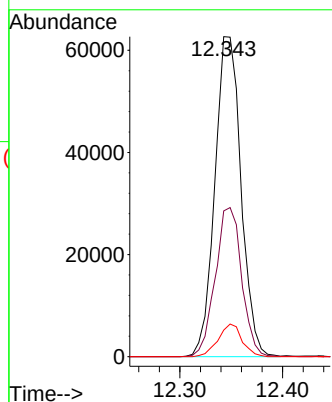
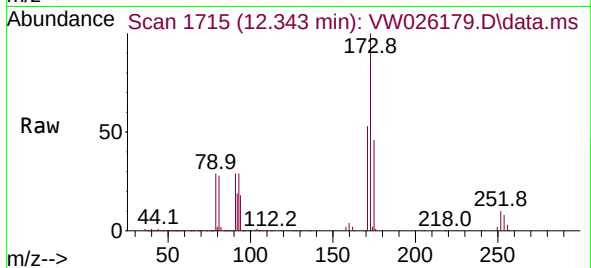
Tgt Ion:173 Resp: 110644

Ion Ratio Lower Upper

173 100

175 47.0 38.6 57.8

254 9.3 7.4 11.0



#60

Isopropylbenzene

Concen: 24.644 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

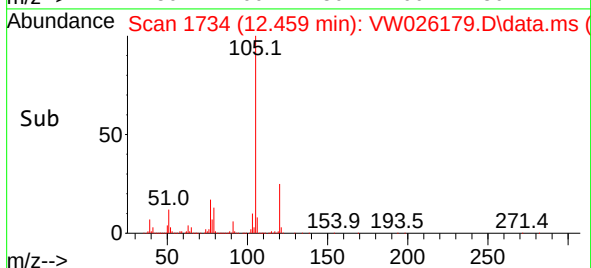
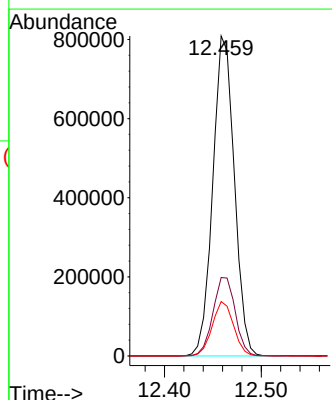
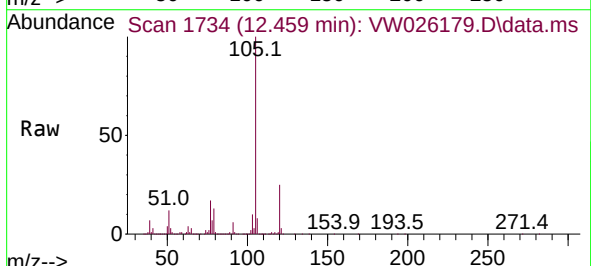
Tgt Ion:105 Resp: 1251521

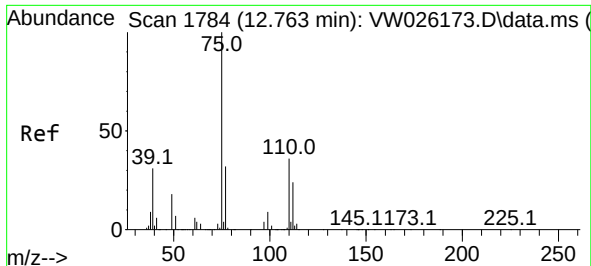
Ion Ratio Lower Upper

105 100

120 25.4 19.8 29.8

77 16.8 13.3 19.9

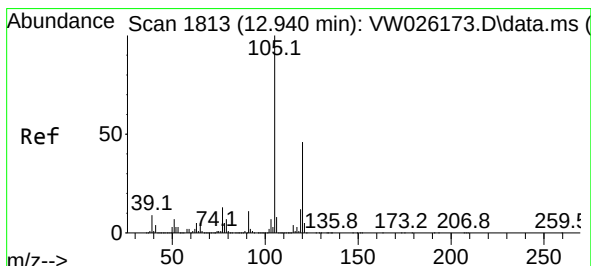
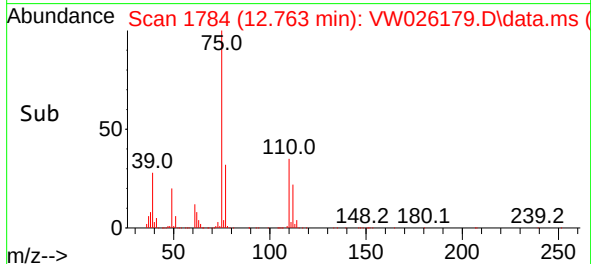
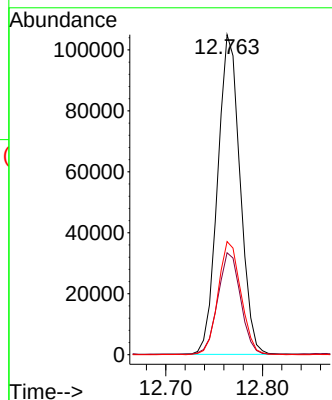
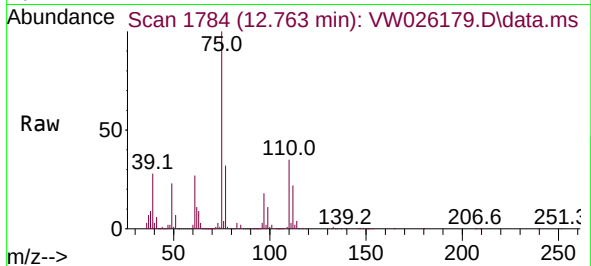




#61
1,2,3-Trichloropropane
Concen: 23.258 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

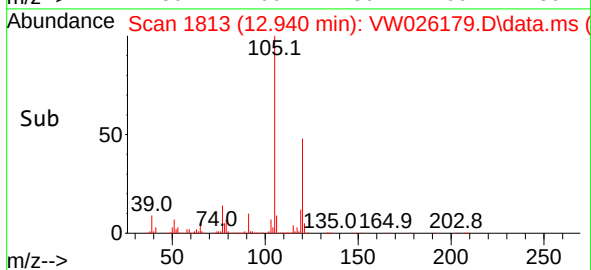
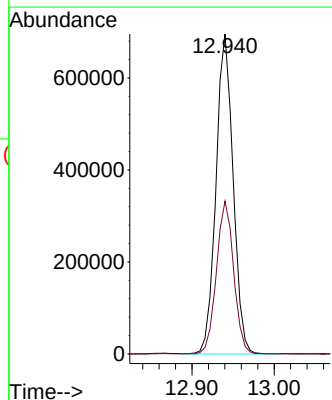
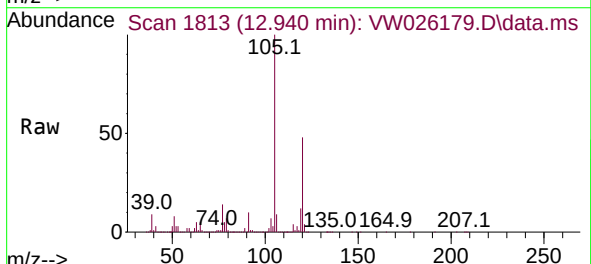
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

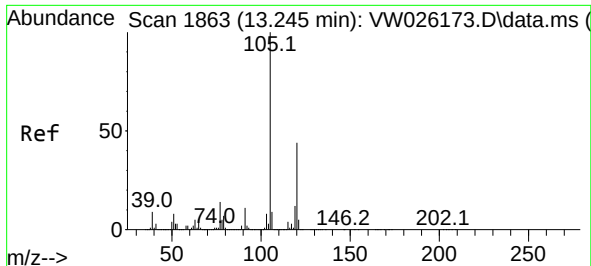
Tgt Ion: 75 Resp: 168417
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 36.0 28.7 43.1



#62
1,3,5-Trimethylbenzene
Concen: 24.928 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion: 105 Resp: 1006366
Ion Ratio Lower Upper
105 100
120 48.1 38.8 58.2

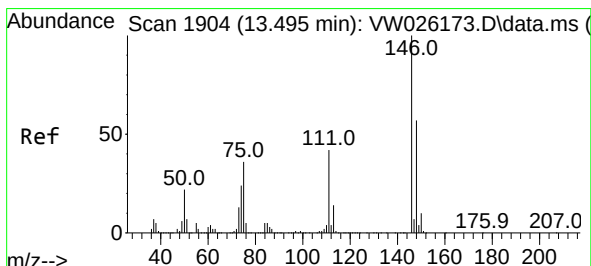
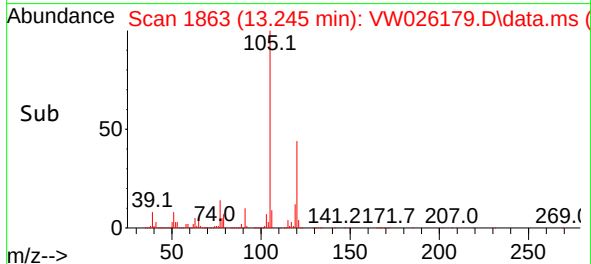
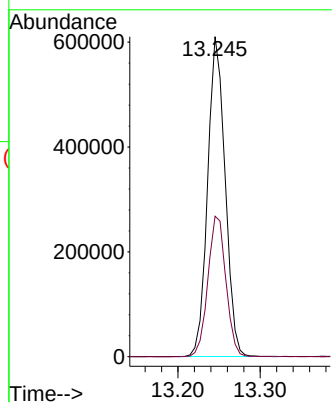
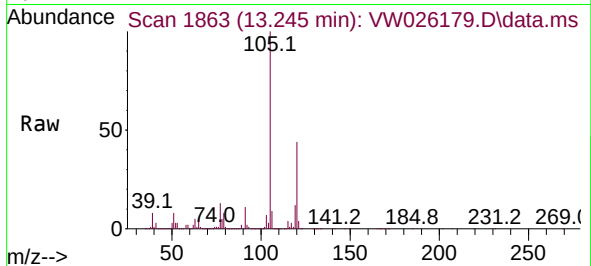




#63
1,2,4-Trimethylbenzene
Concen: 24.359 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

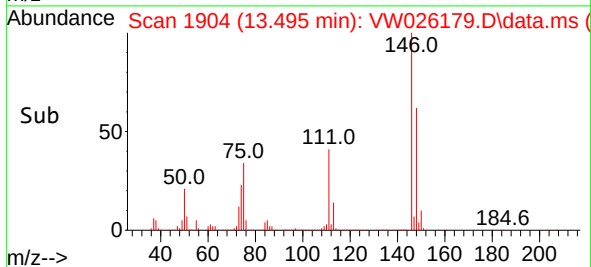
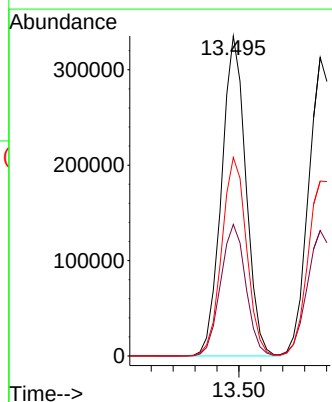
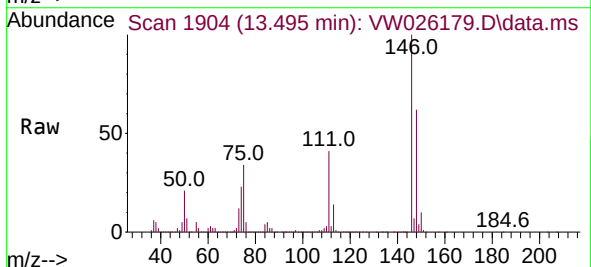
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

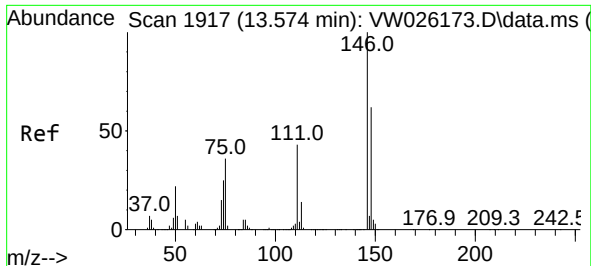
Tgt Ion:105 Resp: 900669
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 24.280 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion:146 Resp: 518431
Ion Ratio Lower Upper
146 100
111 41.1 29.7 55.1
148 62.0 45.4 84.4

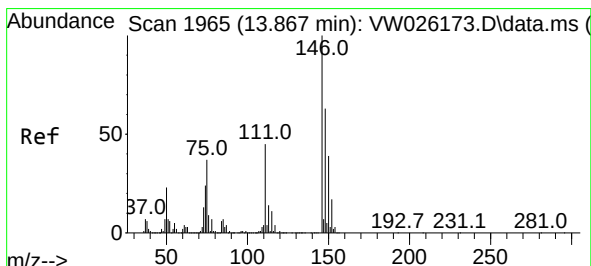
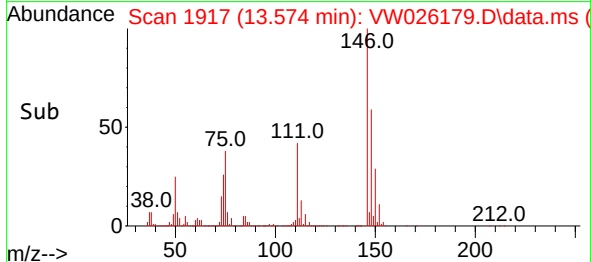
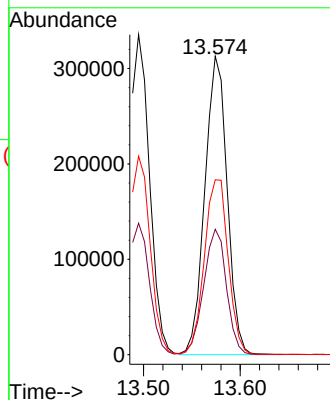
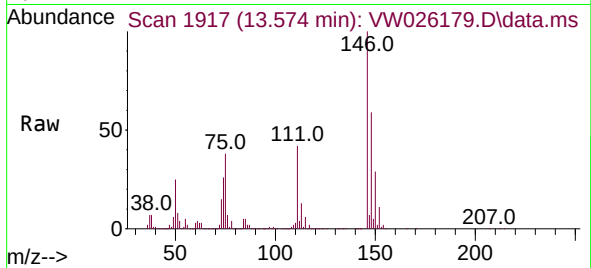




#65
1,4-Dichlorobenzene
Concen: 23.368 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

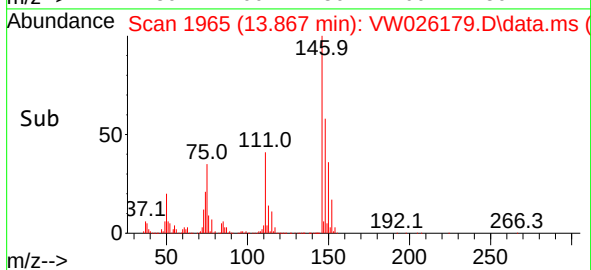
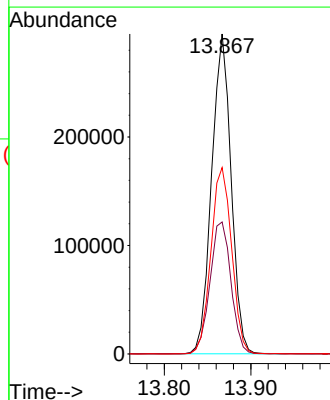
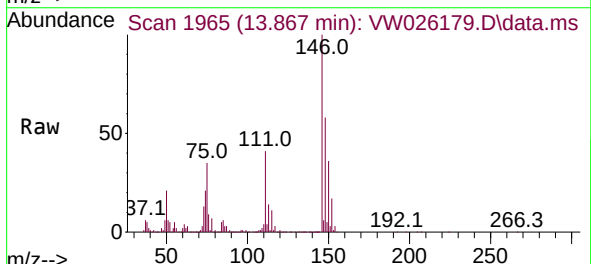
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

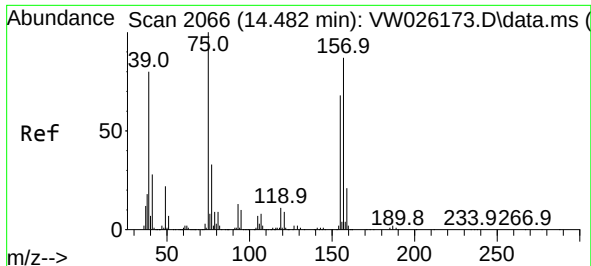
Tgt Ion:146 Resp: 502354
Ion Ratio Lower Upper
146 100
111 42.0 29.2 54.2
148 58.6 42.8 79.6



#67
1,2-Dichlorobenzene
Concen: 23.968 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026179.D
Acq: 14 Jun 2023 09:52

Tgt Ion:146 Resp: 459574
Ion Ratio Lower Upper
146 100
111 41.2 35.4 53.0
148 58.3 51.7 77.5





#68

1,2-Dibromo-3-chloropropane

Concen: 21.315 ug/L

RT: 14.476 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

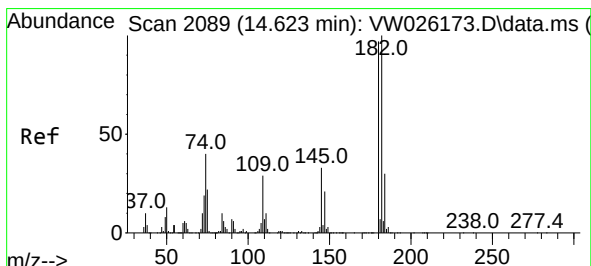
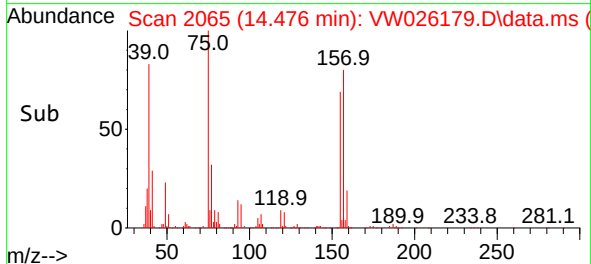
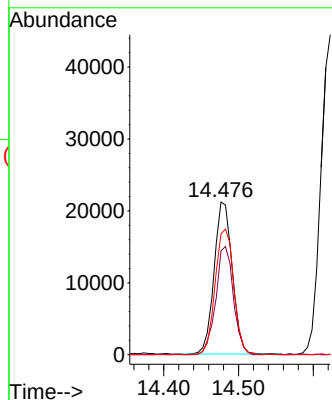
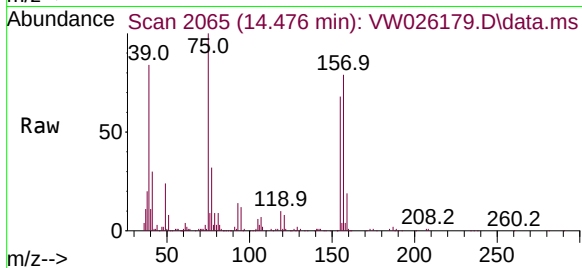
Tgt Ion: 75 Resp: 35759

Ion Ratio Lower Upper

75 100

155 68.0 59.0 88.6

157 79.1 71.7 107.5



#69

1,3,5-Trichlorobenzene

Concen: 21.770 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Tgt Ion:180 Resp: 319311

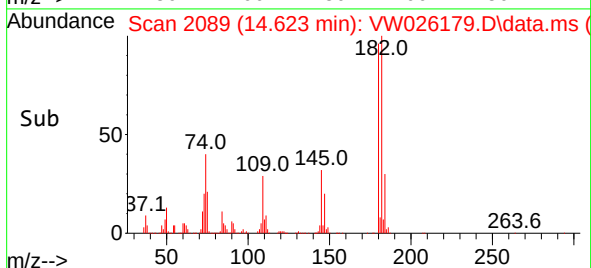
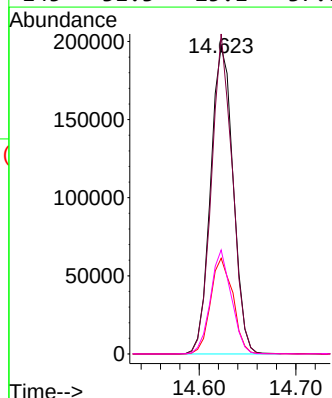
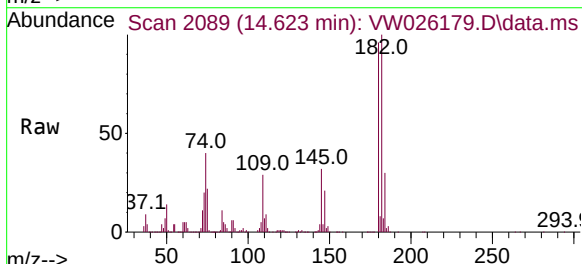
Ion Ratio Lower Upper

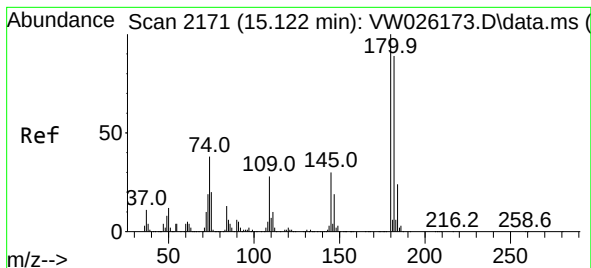
180 100

182 96.4 77.0 115.4

184 30.7 23.7 35.5

145 31.3 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 22.431 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

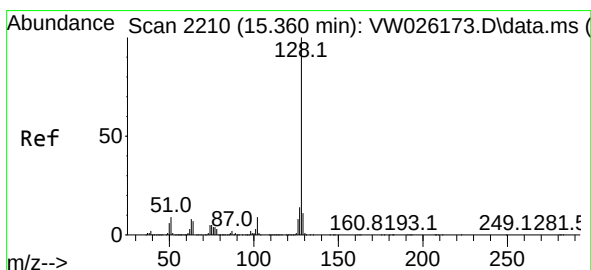
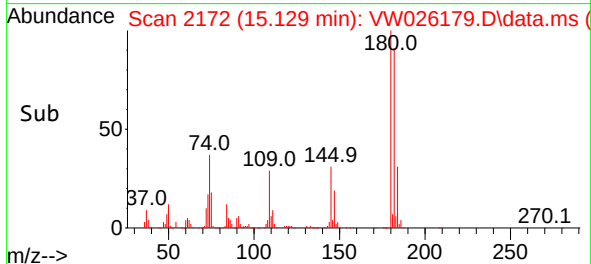
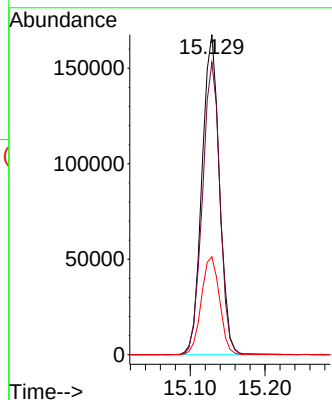
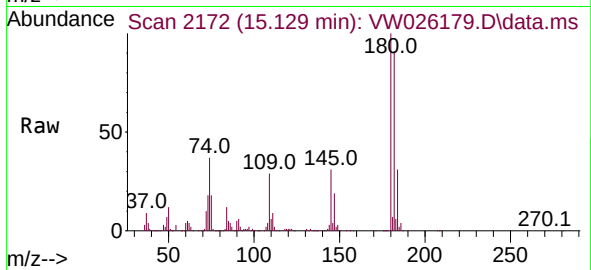
Tgt Ion:180 Resp: 271484

Ion Ratio Lower Upper

180 100

182 91.7 78.9 118.3

145 32.0 27.2 40.8



#71

Naphthalene

Concen: 23.172 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026179.D

Acq: 14 Jun 2023 09:52

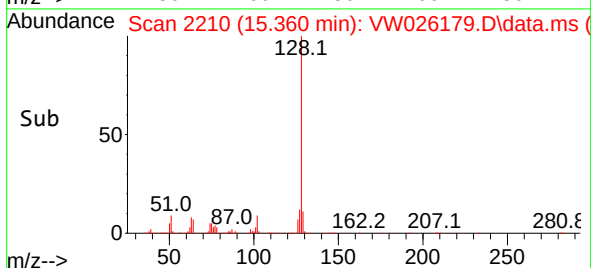
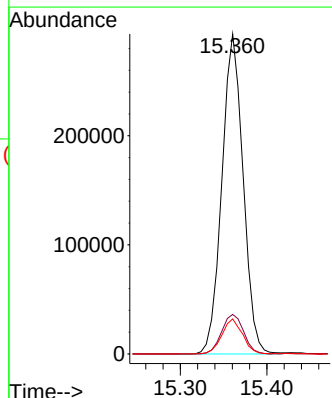
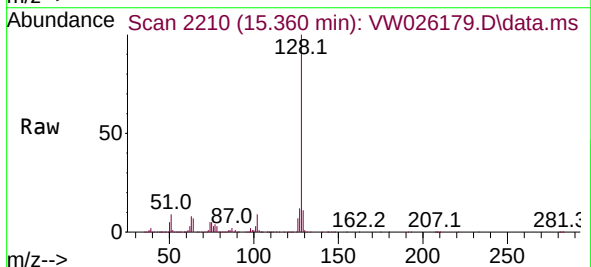
Tgt Ion:128 Resp: 499838

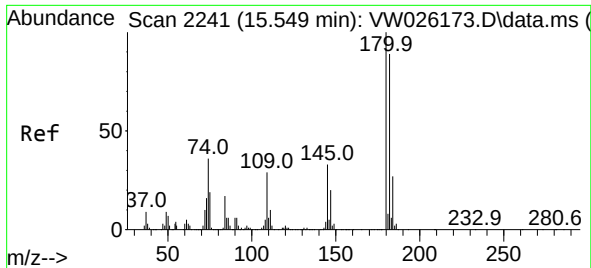
Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

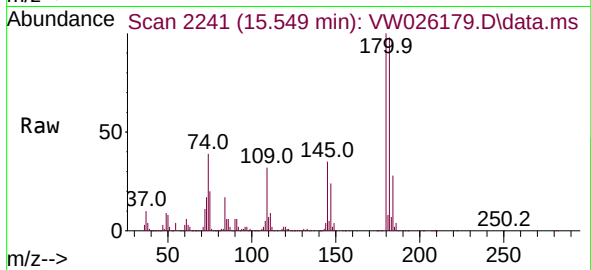
129 10.7 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 22.098 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026179.D
 Acq: 14 Jun 2023 09:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517



Tgt Ion:180 Resp: 233743
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.3 114.5
 145 35.1 27.0 40.6

