

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026080.D
 Acq On : 30 May 2023 10:11
 Operator : SY/MD
 Sample : VSTD05060
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050460

Quant Time: May 31 01:27:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	824898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	726246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	340943	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	666733	57.454	ug/L	0.00
7) Chloroethane-d5	2.893	69	512737	59.024	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	284497	49.719	ug/L	0.00
21) 2-Butanone-d5	7.075	46	344091	101.847	ug/L	0.00
24) Chloroform-d	7.648	84	1256298	52.007	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	659503	49.929	ug/L	0.00
32) Benzene-d6	8.276	84	2574253	52.678	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	798923	51.604	ug/L	0.00
41) Toluene-d8	10.318	98	2269555	52.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	314062	51.192	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	257694	105.562	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	540863	48.008	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	661154	50.664	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	518893	52.347	ug/L	97
3) Chloromethane	2.228	50	697147	53.767	ug/L	97
5) Vinyl chloride	2.375	62	732672	52.864	ug/L	97
6) Bromomethane	2.783	94	402787	53.310	ug/L	98
8) Chloroethane	2.930	64	392780	52.444	ug/L	99
9) Trichlorofluoromethane	3.265	101	431487	48.392	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	505807	46.506	ug/L	99
12) 1,1-Dichloroethene	4.045	96	491214	46.770	ug/L	88
13) Acetone	4.118	43	198416	75.900	ug/L	98
14) Carbon disulfide	4.387	76	1712423	46.187	ug/L	100
15) Methyl Acetate	4.667	43	250163	42.638	ug/L	100
16) Methylene chloride	4.917	84	575202	43.689	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	581678	49.363	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	928059	49.971	ug/L	100
19) 1,1-Dichloroethane	6.216	63	1184002	49.354	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	628801	50.377	ug/L	99
22) 2-Butanone	7.167	43	361519	97.035	ug/L	99
23) Bromochloromethane	7.514	128	257351	48.345	ug/L	97
25) Chloroform	7.673	83	1085541	48.583	ug/L	100
27) 1,2-Dichloroethane	8.398	62	731362	47.458	ug/L	98
29) Cyclohexane	7.959	56	1183652	52.791	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	867734	49.236	ug/L	99
31) Carbon tetrachloride	8.069	117	793674	49.350	ug/L	99
33) Benzene	8.319	78	2427983	48.804	ug/L	100
34) Trichloroethene	9.087	95	625416	49.094	ug/L	98
35) Methylcyclohexane	9.337	83	1182481	52.457	ug/L	98
37) 1,2-Dichloropropane	9.367	63	651217	48.327	ug/L	100
38) Bromodichloromethane	9.642	83	771356	49.272	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	1021438	51.582	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	784707	98.774	ug/L	99
42) Toluene	10.386	91	2525826	49.637	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	840086	50.923	ug/L	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

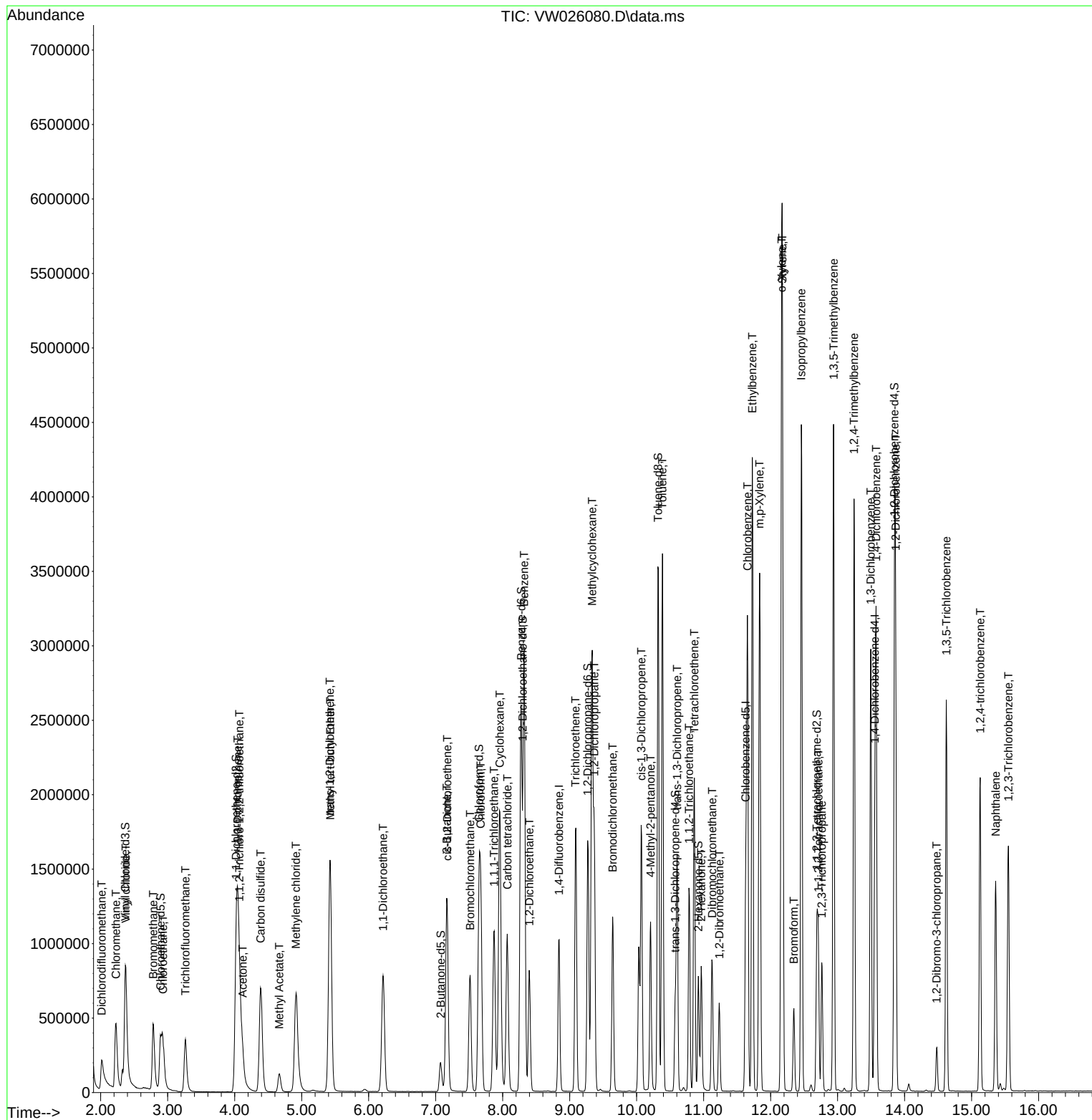
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	413663	46.579	ug/L	97
46) Tetrachloroethene	10.861	164	444622	49.344	ug/L	95
48) 2-Hexanone	10.965	43	542261	96.805	ug/L	99
49) Dibromochloromethane	11.129	129	459498	49.349	ug/L	95
50) 1,2-Dibromoethane	11.233	107	396235	48.186	ug/L	99
51) Chlorobenzene	11.654	112	1511283	47.395	ug/L	98
52) Ethylbenzene	11.727	91	2889202	50.333	ug/L	98
53) m,p-Xylene	11.836	106	1086202	50.866	ug/L	95
54) o-Xylene	12.166	106	1025308	50.871	ug/L	94
55) Styrene	12.178	104	1738538	50.279	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	496677	46.212	ug/L	96
59) Bromoform	12.349	173	247002	48.234	ug/L	98
60) Isopropylbenzene	12.458	105	2800407	52.286	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	358938	47.000	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2295809	53.921	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2089073	53.570	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1122534	49.847	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	1086398	47.917	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	973815	48.155	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	81916	46.296	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	772215	49.919	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	624241	48.904	ug/L	95
71) Naphthalene	15.360	128	1141614	50.180	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	515142	46.177	ug/L	98

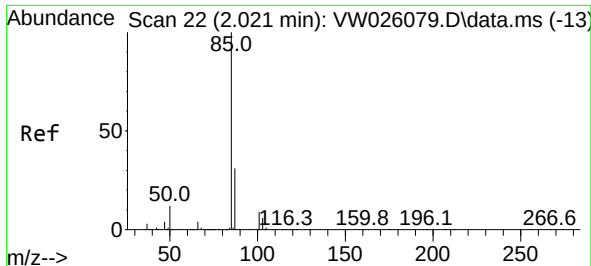
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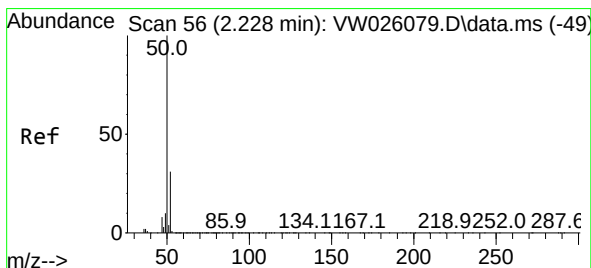
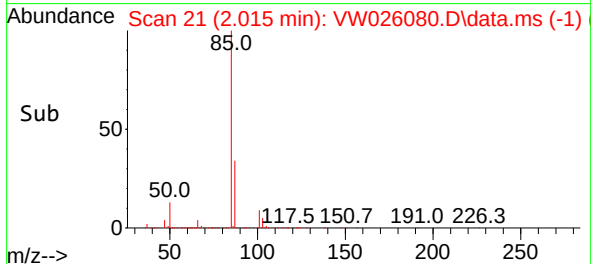
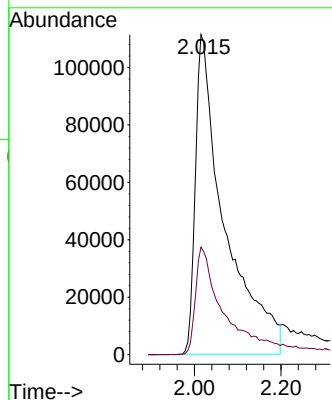
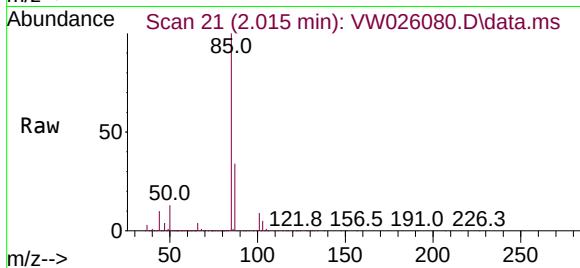




#2
Dichlorodifluoromethane
Concen: 52.347 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

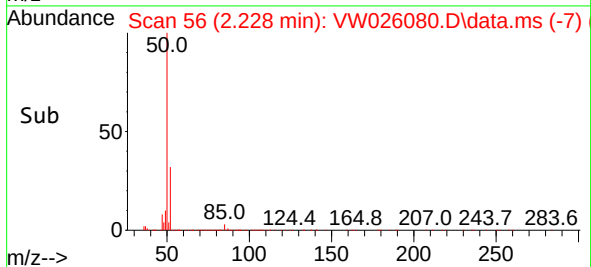
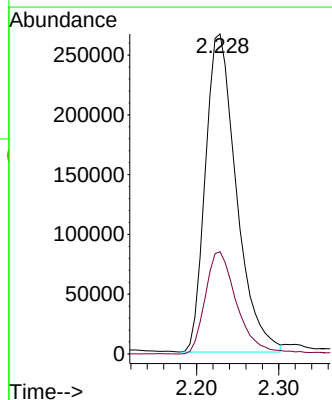
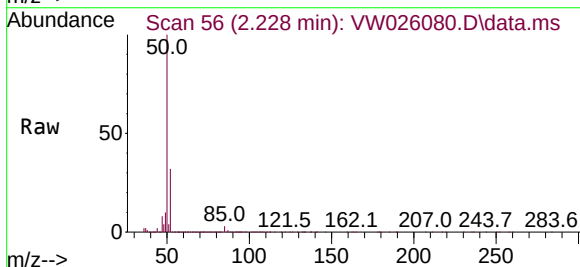
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

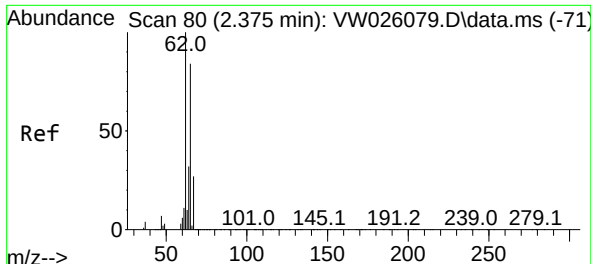
Tgt Ion: 85 Resp: 518893
Ion Ratio Lower Upper
85 100
87 26.1 22.2 33.2



#3
Chloromethane
Concen: 53.767 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 50 Resp: 697147
Ion Ratio Lower Upper
50 100
52 31.9 21.3 39.6

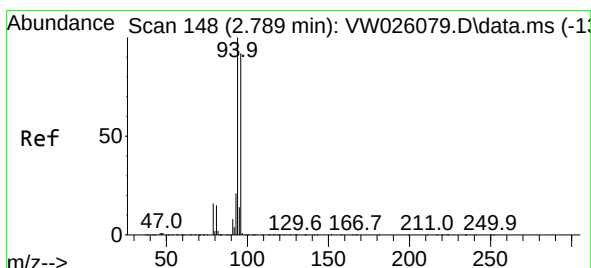
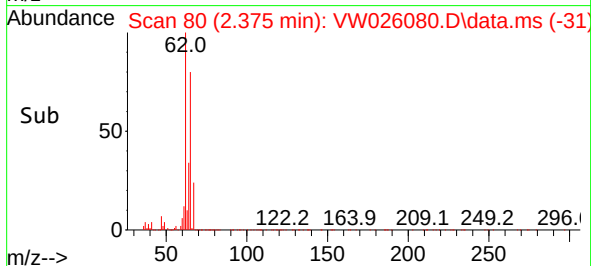
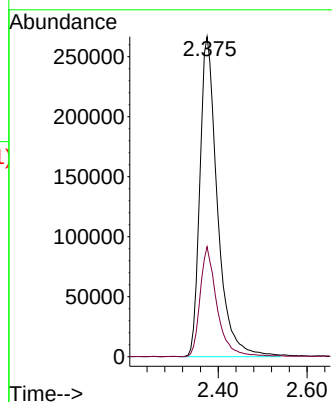
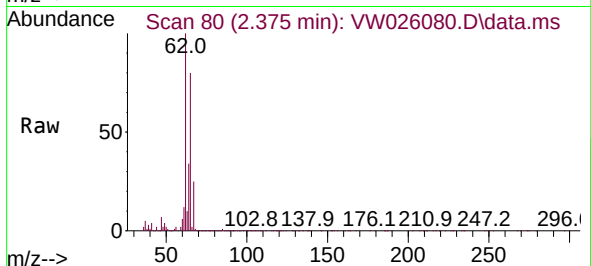




#5
 Vinyl chloride
 Concen: 52.864 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026080.D
 Acq: 30 May 2023 10:11

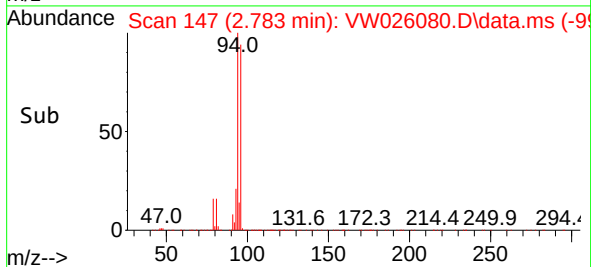
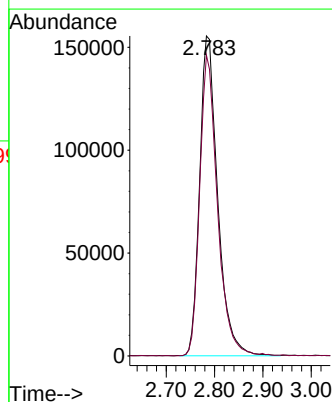
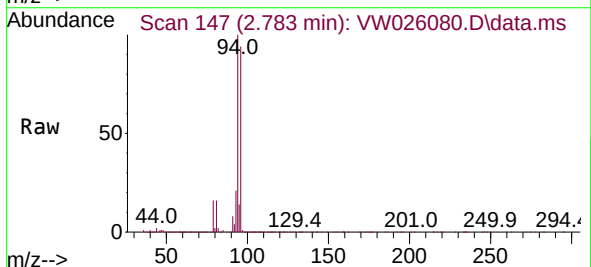
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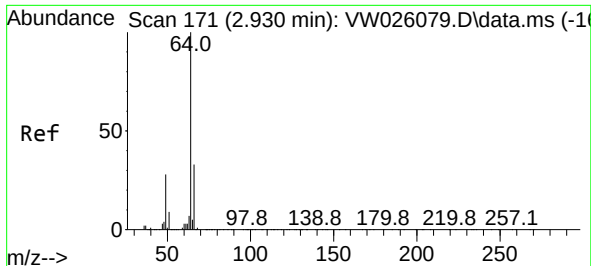
Tgt Ion: 62 Resp: 732672
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.7 42.1



#6
 Bromomethane
 Concen: 53.310 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026080.D
 Acq: 30 May 2023 10:11

Tgt Ion: 94 Resp: 402787
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.2 119.2

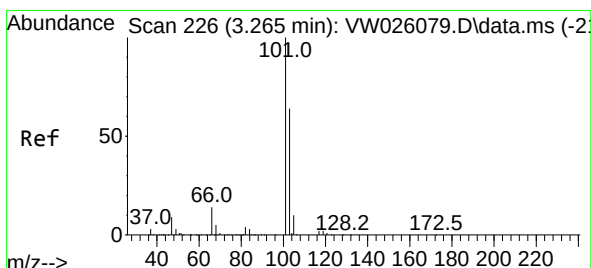
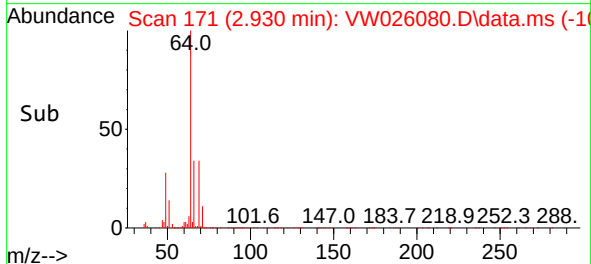
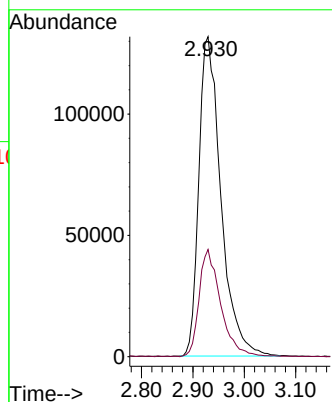
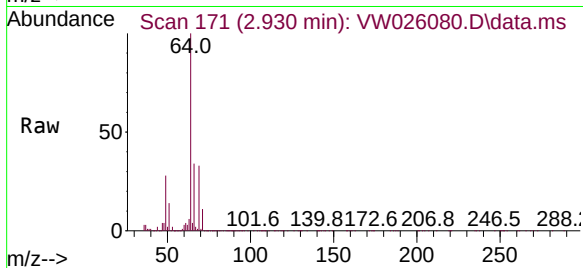




#8
Chloroethane
Concen: 52.444 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

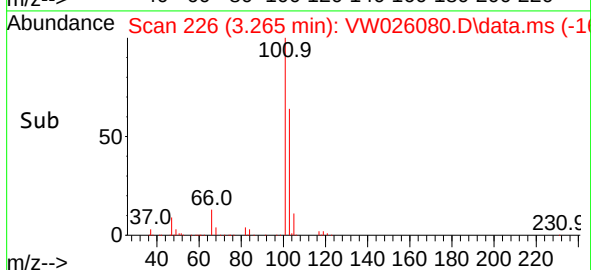
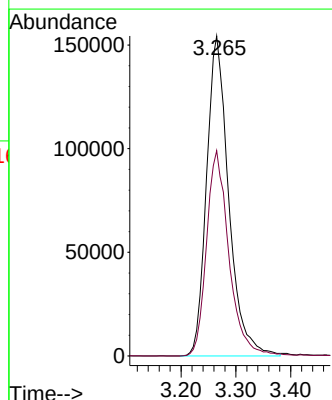
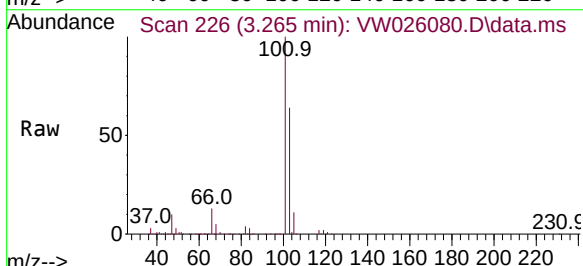
Instrument :
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ClientSampleId :
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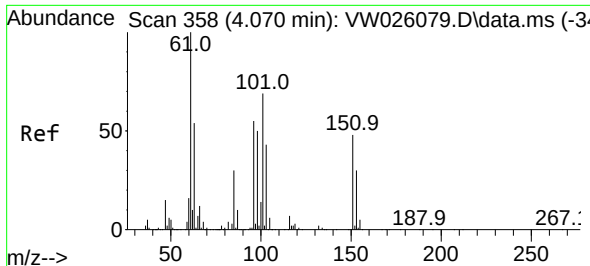
Tgt Ion: 64 Resp: 392780
Ion Ratio Lower Upper
64 100
66 33.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.392 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 101 Resp: 431487
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

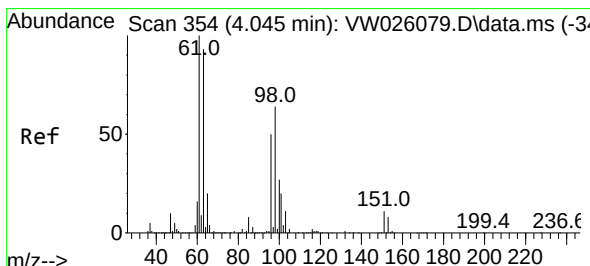
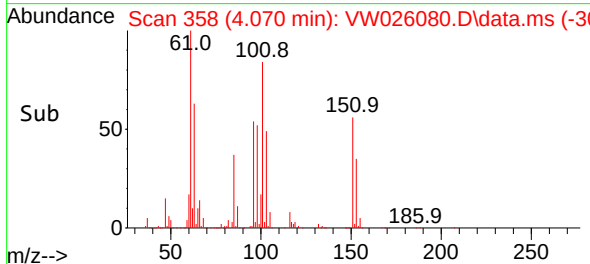
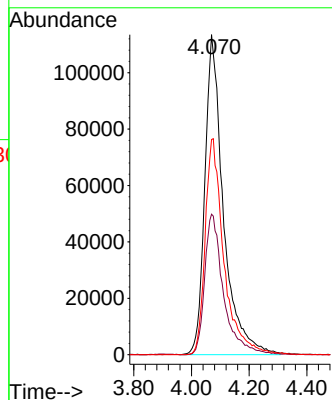
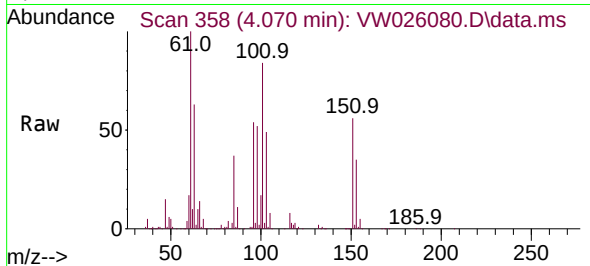




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.506 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026080.D
 Acq: 30 May 2023 10:11

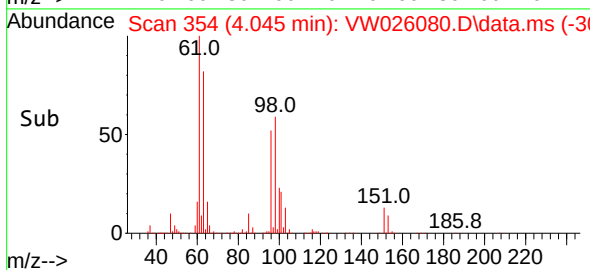
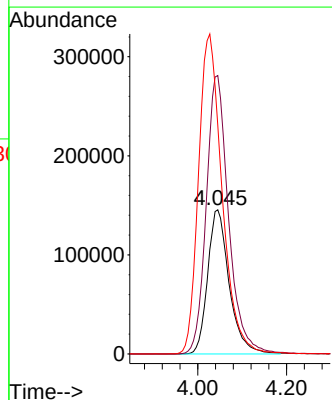
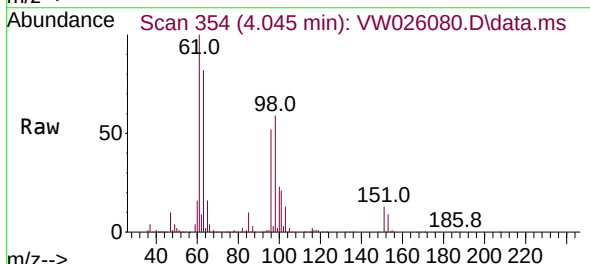
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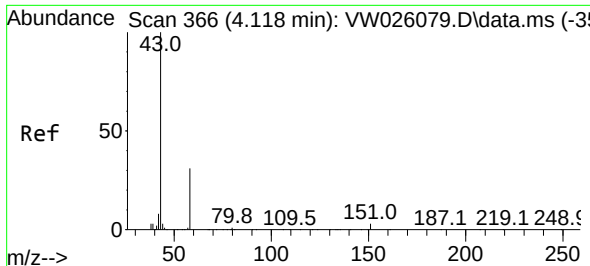
Tgt Ion:101 Resp: 505807
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.1 54.1
 151 67.7 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 46.770 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026080.D
 Acq: 30 May 2023 10:11

Tgt Ion: 96 Resp: 491214
 Ion Ratio Lower Upper
 96 100
 61 193.1 140.6 261.0
 63 158.4 131.7 244.5

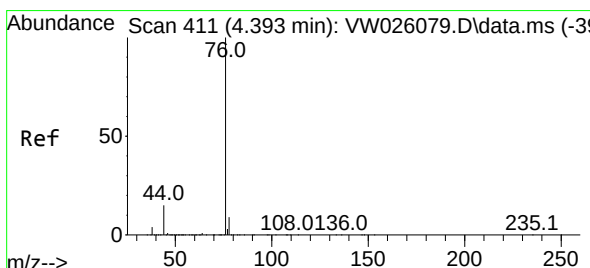
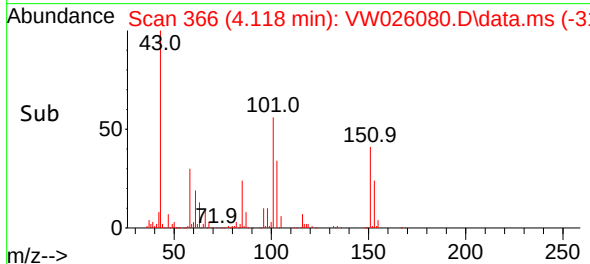
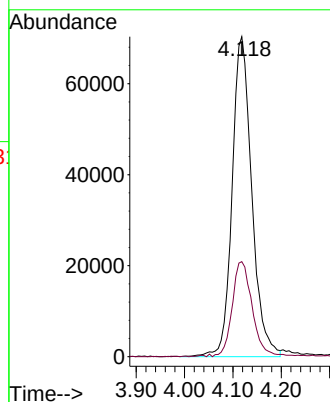
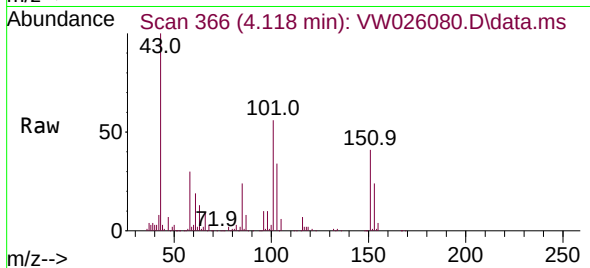




#13
Acetone
Concen: 75.900 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

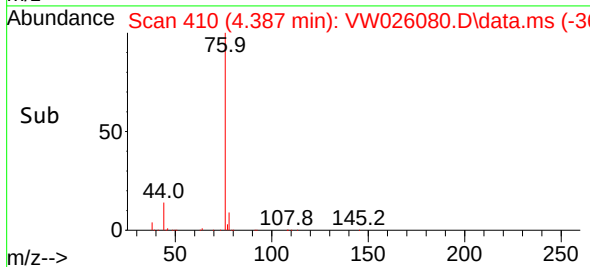
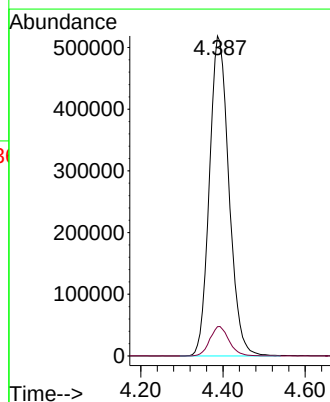
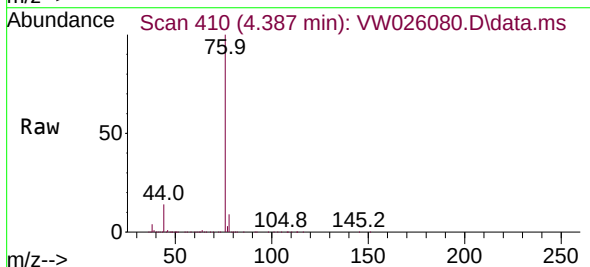
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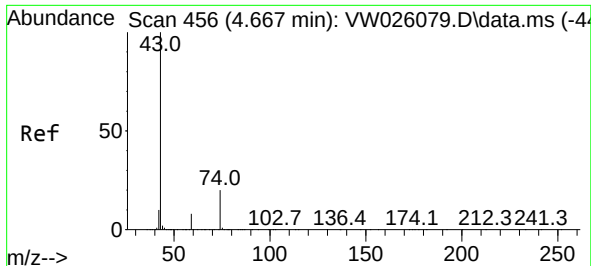
Tgt Ion: 43 Resp: 198416
Ion Ratio Lower Upper
43 100
58 30.0 0.0 58.2



#14
Carbon disulfide
Concen: 46.187 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 1712423
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

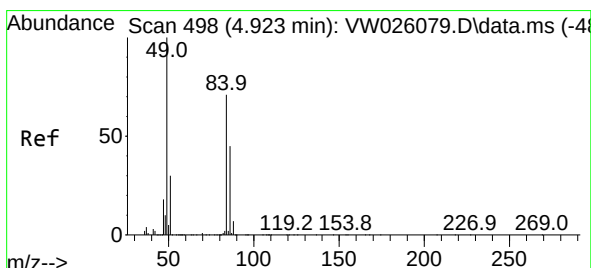
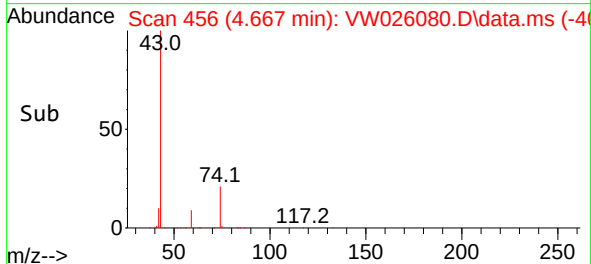
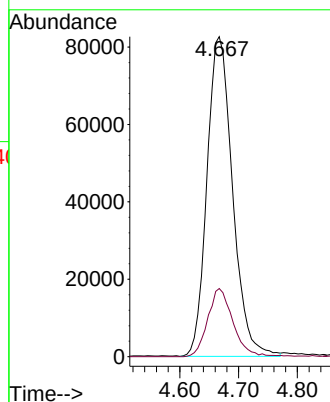
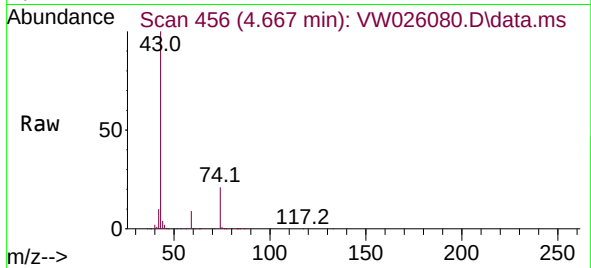




#15
Methyl Acetate
Concen: 42.638 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

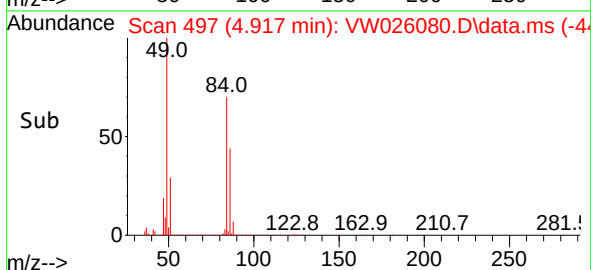
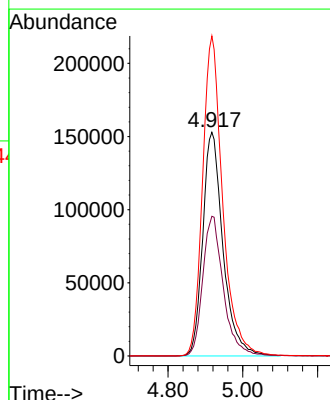
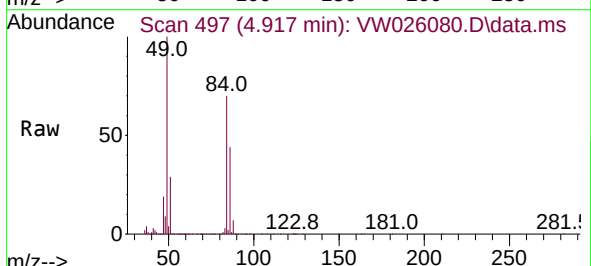
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

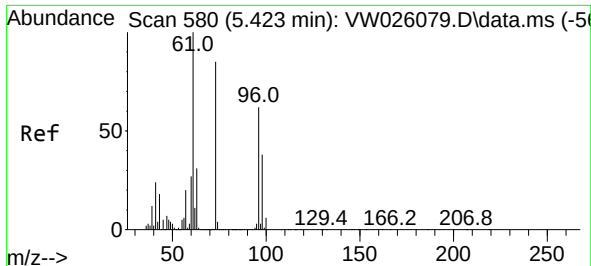
Tgt Ion: 43 Resp: 250163
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0



#16
Methylene chloride
Concen: 43.689 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 84 Resp: 575202
Ion Ratio Lower Upper
84 100
86 62.5 44.2 82.0
49 143.1 98.8 183.6

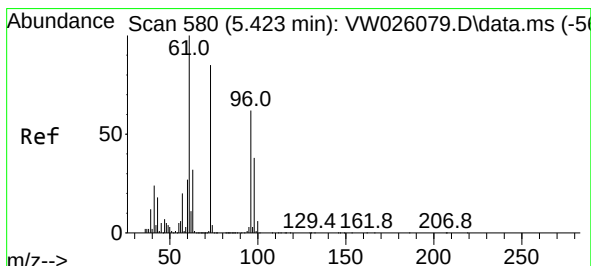
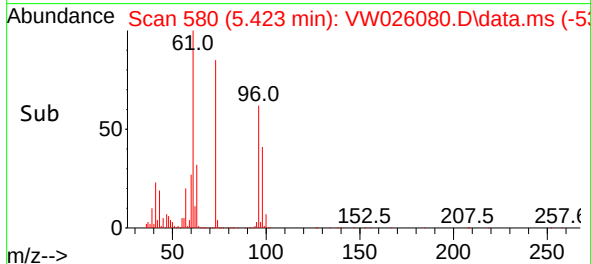
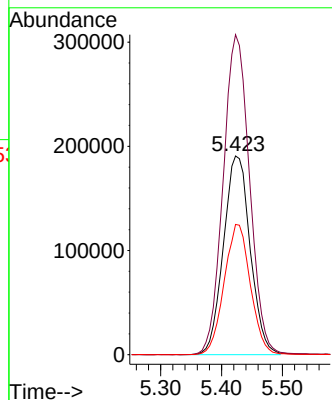
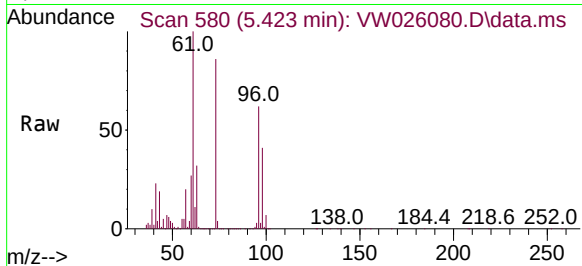




#17
trans-1,2-Dichloroethene
Concen: 49.363 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

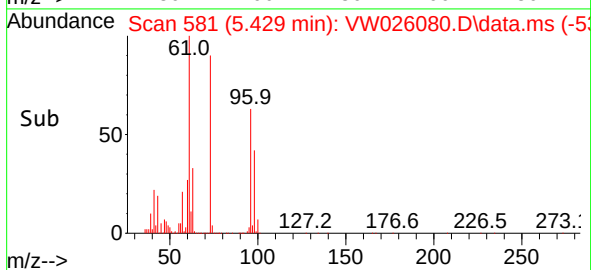
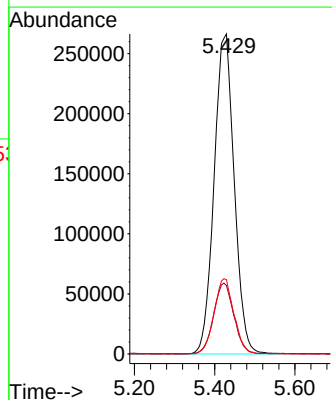
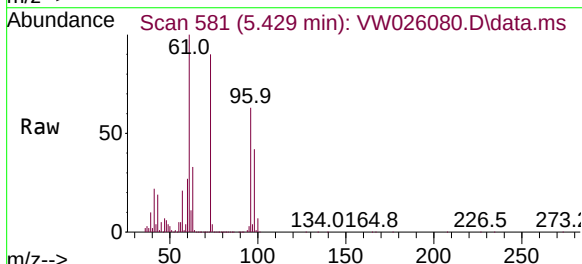
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

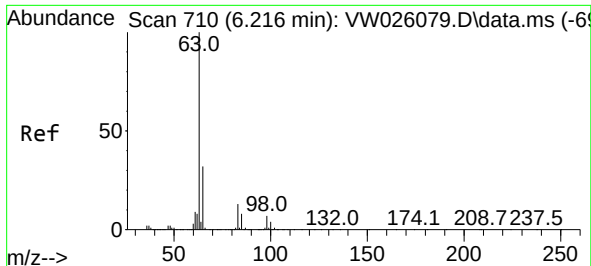
Tgt Ion: 96 Resp: 581678
Ion Ratio Lower Upper
96 100
61 161.0 113.0 209.8
98 65.6 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 49.971 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 73 Resp: 928059
Ion Ratio Lower Upper
73 100
43 22.1 17.8 26.6
57 23.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 49.354 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

Instrument :

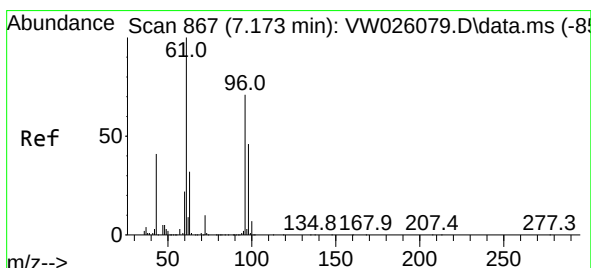
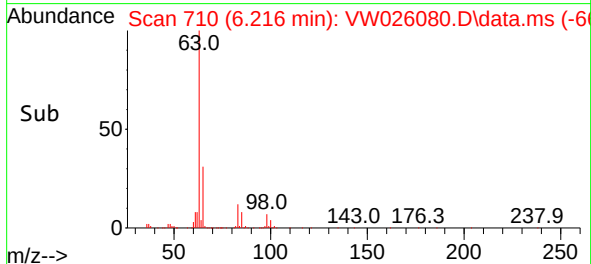
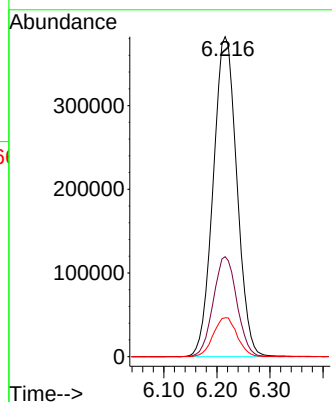
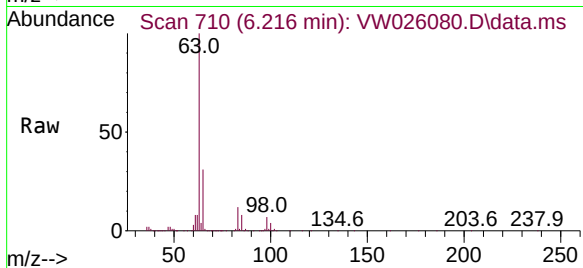
MSVOA_W

ClientSampleId :

VSTD050460

Tgt Ion: 63 Resp: 1184002

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.3	41.5
83	12.2	9.1	16.9



#20

cis-1,2-Dichloroethene

Concen: 50.377 ug/L

RT: 7.173 min Scan# 867

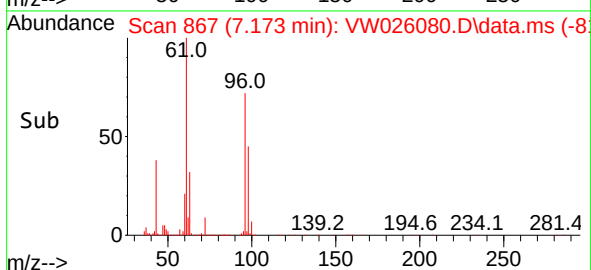
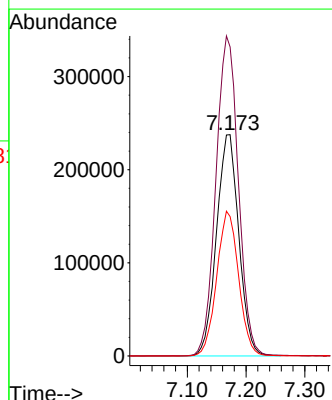
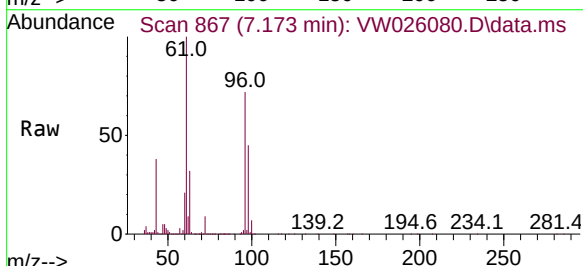
Delta R.T. -0.000 min

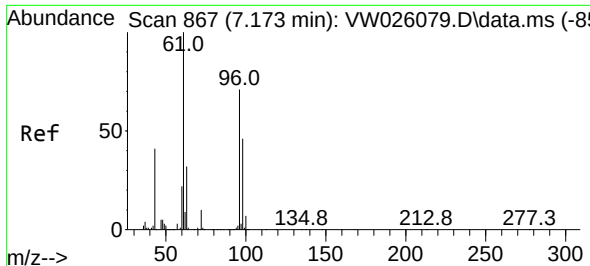
Lab File: VW026080.D

Acq: 30 May 2023 10:11

Tgt Ion: 96 Resp: 628801

Ion	Ratio	Lower	Upper
96	100		
61	139.6	98.4	182.8
98	63.0	45.2	84.0

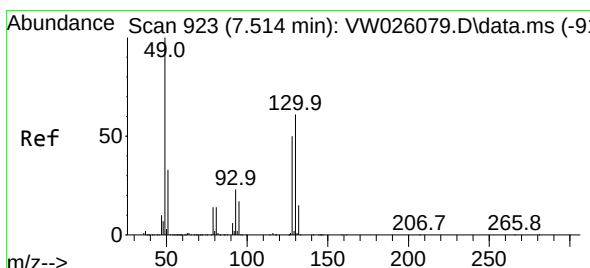
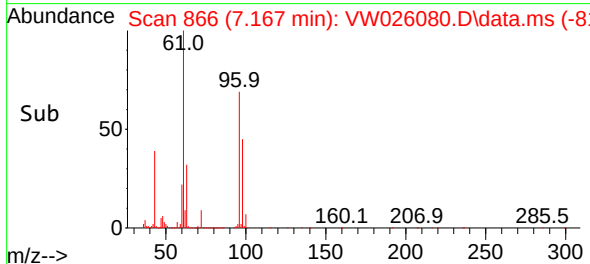
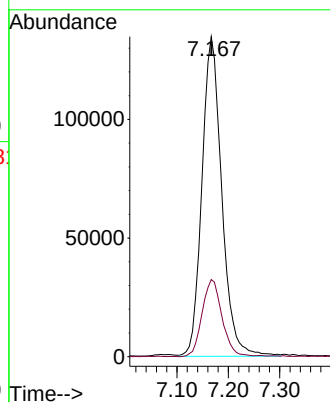
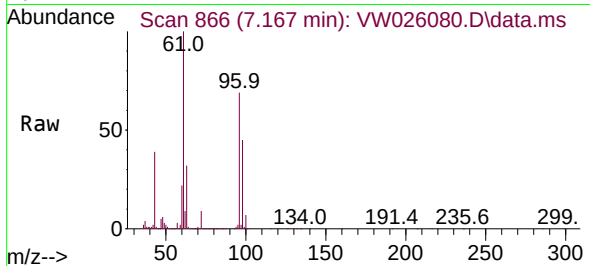




#22
2-Butanone
Concen: 97.035 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

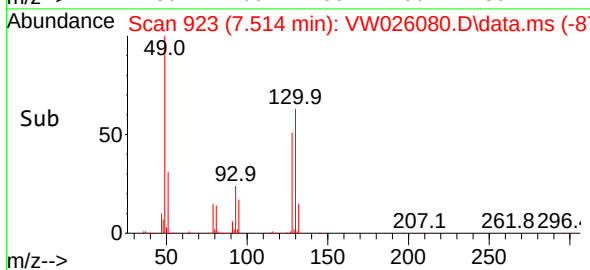
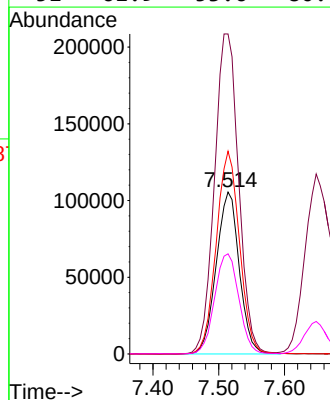
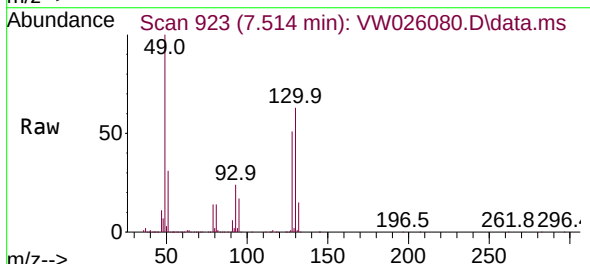
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

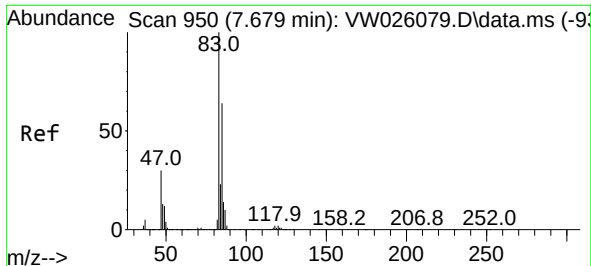
Tgt Ion: 43 Resp: 361519
Ion Ratio Lower Upper
43 100
72 24.2 12.4 37.4



#23
Bromochloromethane
Concen: 48.345 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 128 Resp: 257351
Ion Ratio Lower Upper
128 100
49 197.6 140.6 261.0
130 125.2 86.0 159.6
51 61.9 53.6 80.4

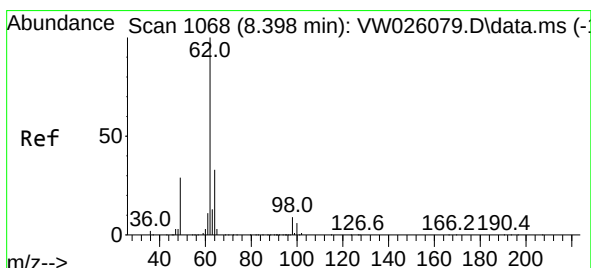
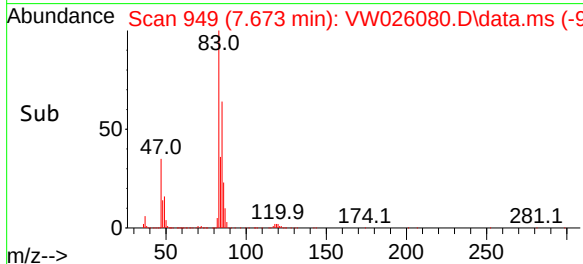
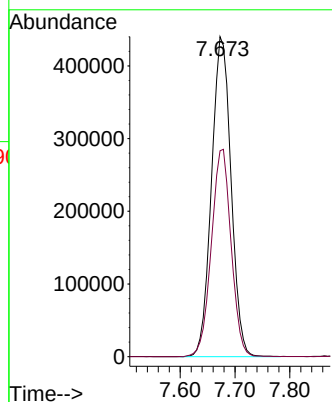
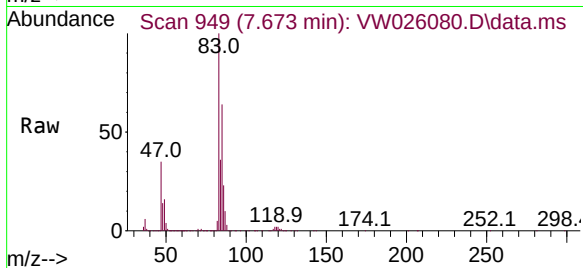




#25
Chloroform
Concen: 48.583 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

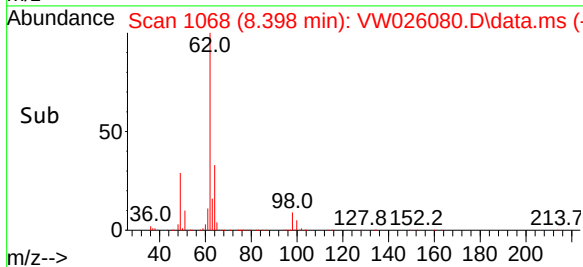
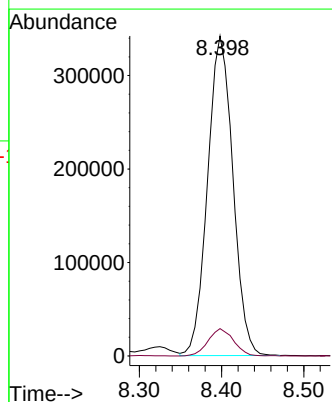
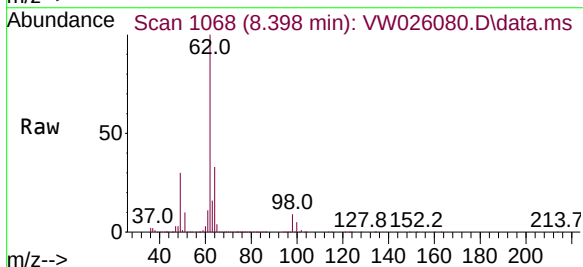
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

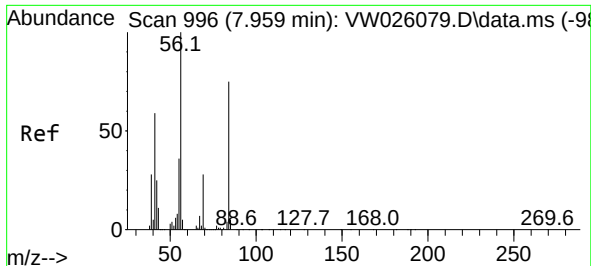
Tgt Ion: 83 Resp: 1085541
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 47.458 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 62 Resp: 731362
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.2



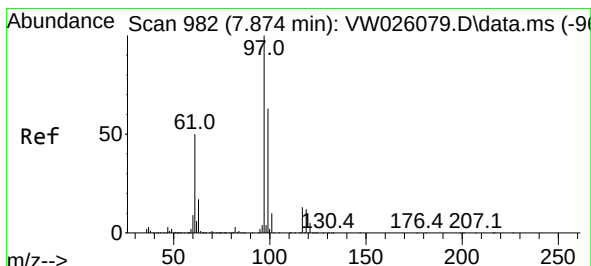
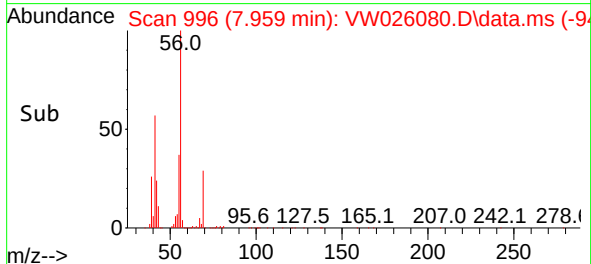
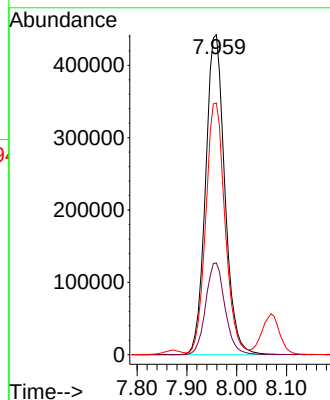
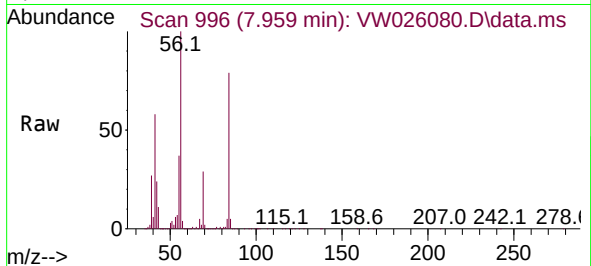


#29
Cyclohexane
Concen: 52.791 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

Tgt Ion: 56 Resp: 1183652

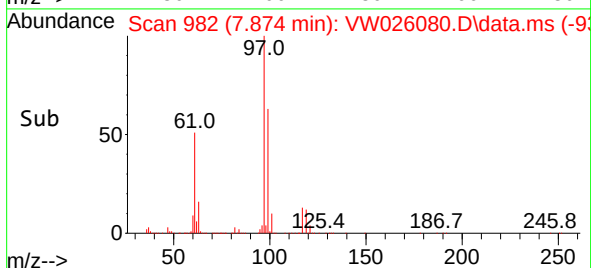
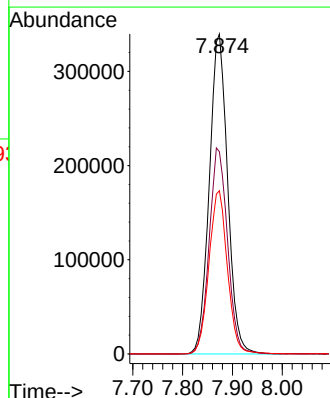
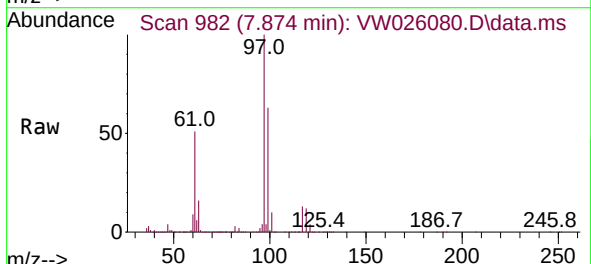
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.3	34.9
84	79.1	63.0	94.6

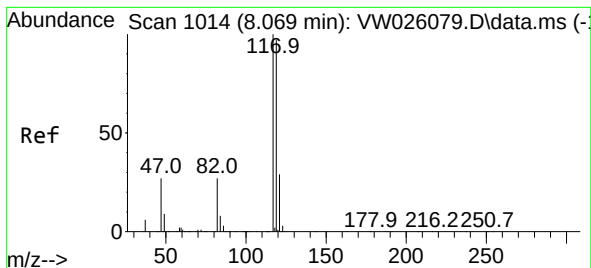


#30
1,1,1-Trichloroethane
Concen: 49.236 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 97 Resp: 867734

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	51.5	40.5	60.7

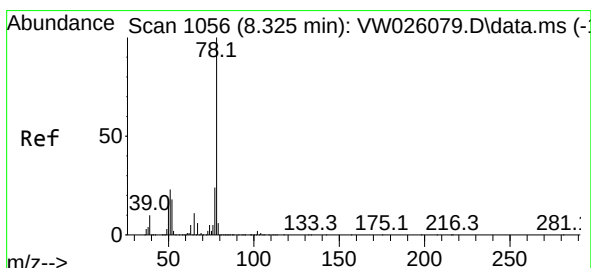
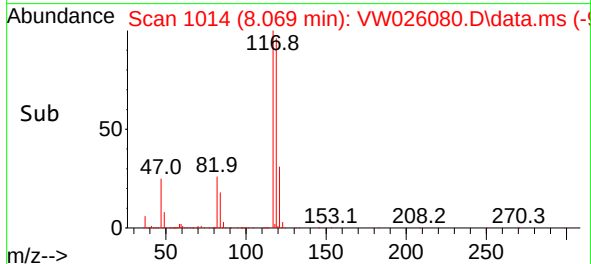
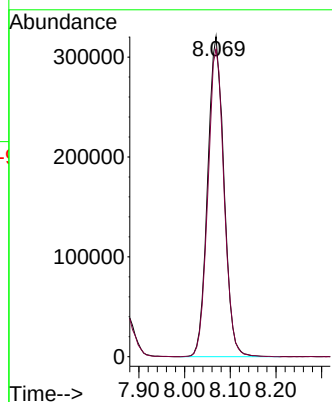
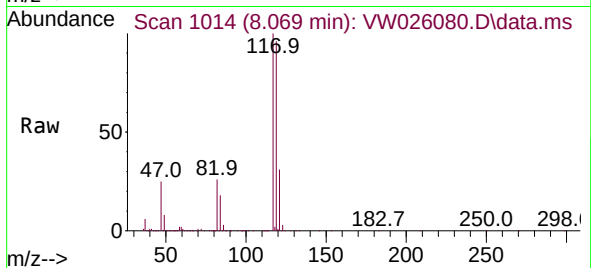




#31
Carbon tetrachloride
Concen: 49.350 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

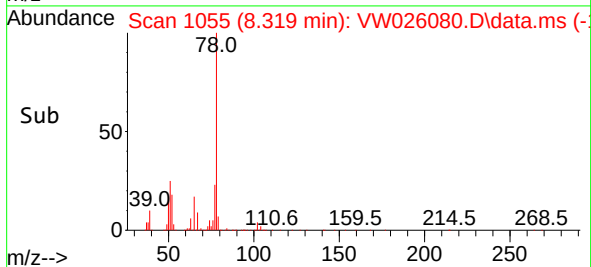
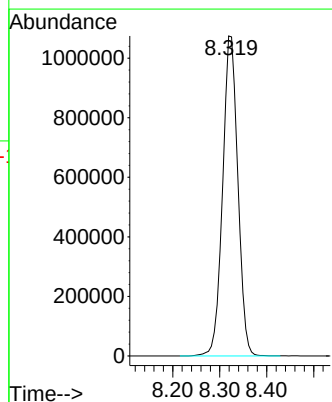
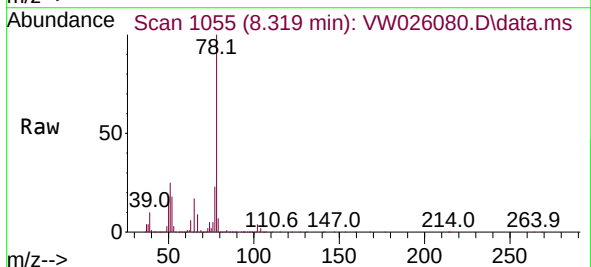
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

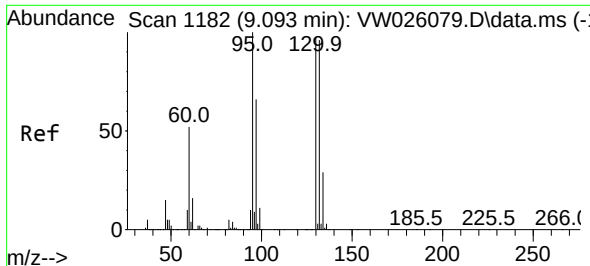
Tgt Ion:117 Resp: 793674
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.2



#33
Benzene
Concen: 48.804 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 78 Resp: 2427983



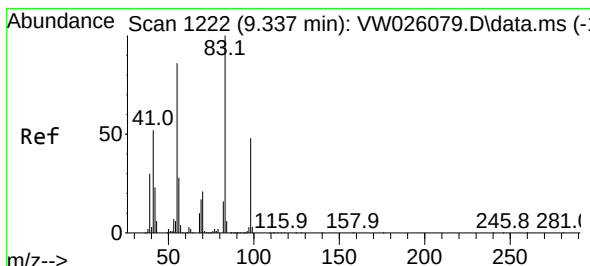
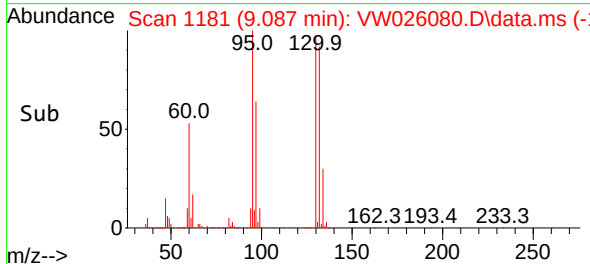
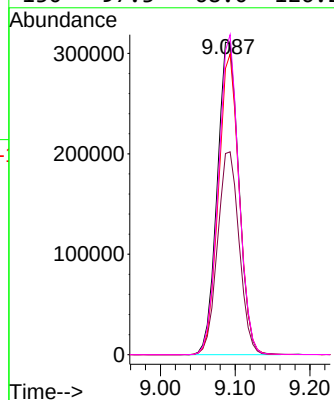
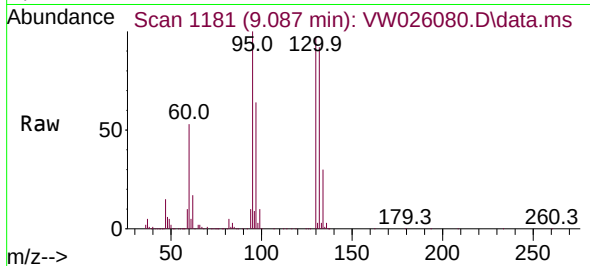


#34
Trichloroethene
Concen: 49.094 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

Tgt Ion: 95 Resp: 625416

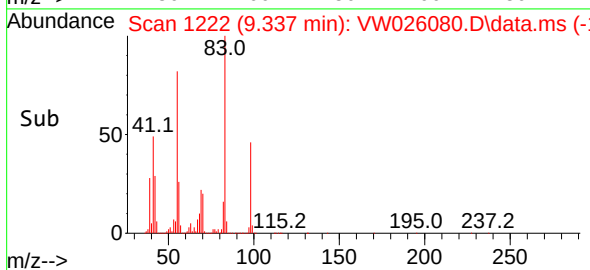
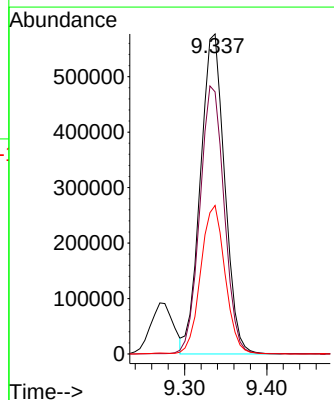
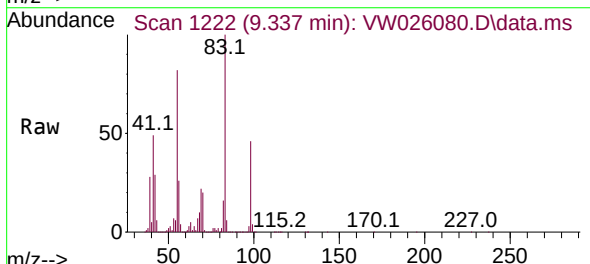
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.9	85.3
132	91.6	67.1	124.7
130	97.3	68.0	126.2

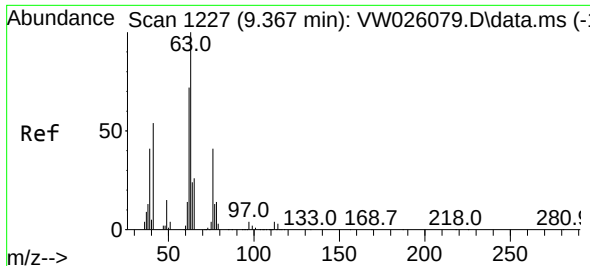


#35
Methylcyclohexane
Concen: 52.457 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 83 Resp: 1182481

Ion	Ratio	Lower	Upper
83	100		
55	83.9	68.2	102.4
98	46.6	38.1	57.1





#37

1,2-Dichloropropane

Concen: 48.327 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

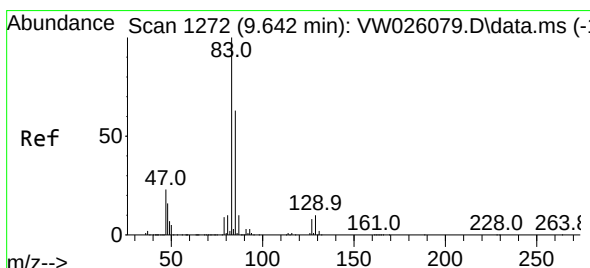
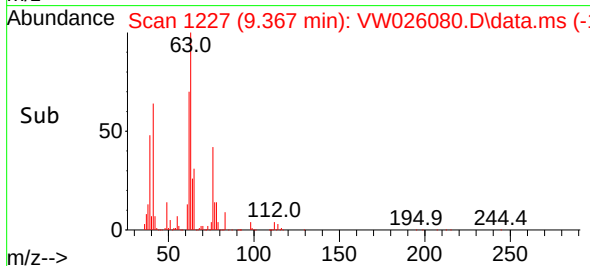
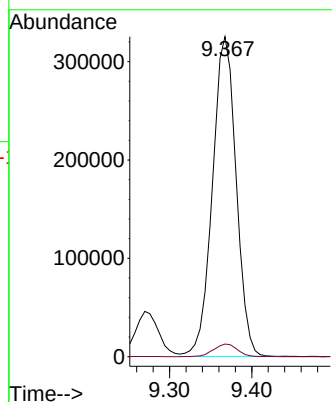
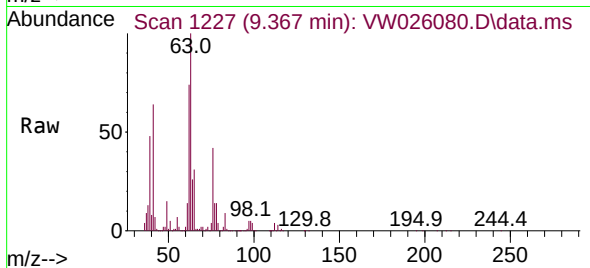
VSTD050460

Tgt Ion: 63 Resp: 651217

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 49.272 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

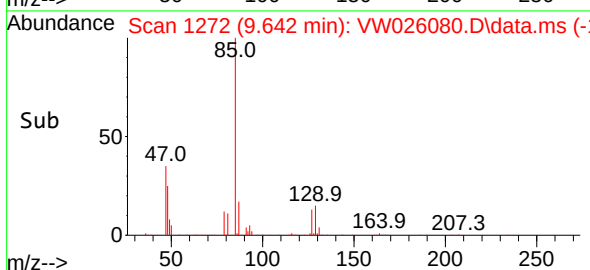
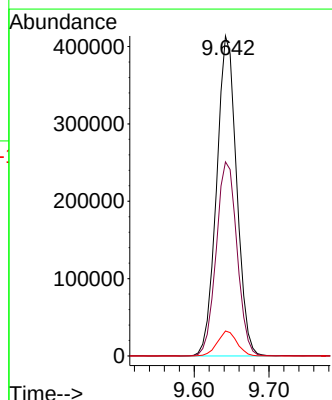
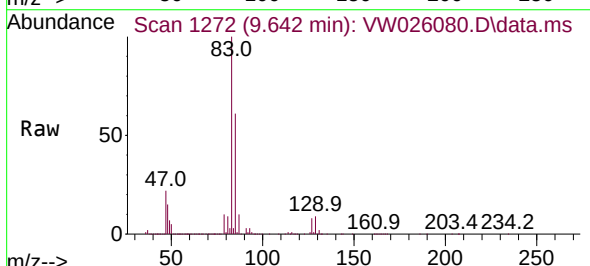
Tgt Ion: 83 Resp: 771356

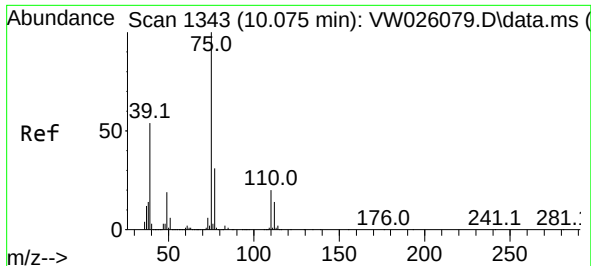
Ion Ratio Lower Upper

83 100

85 60.7 44.2 82.0

127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.582 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

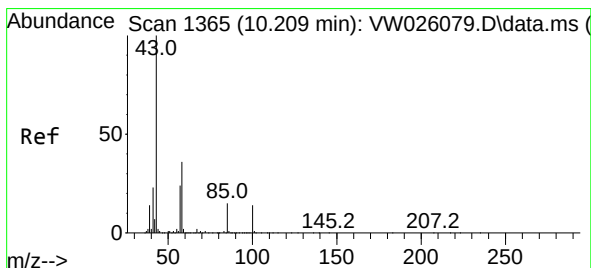
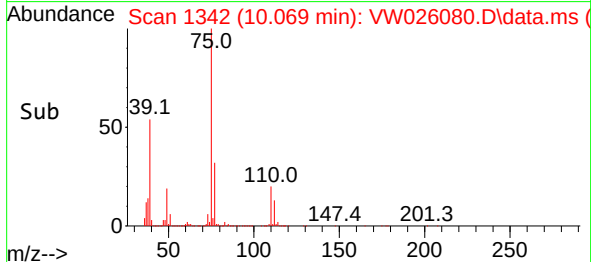
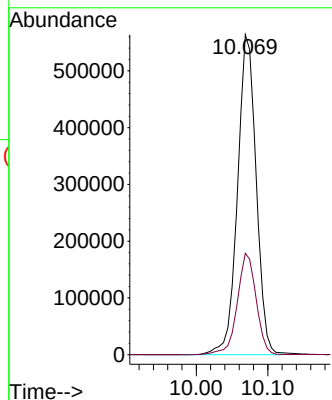
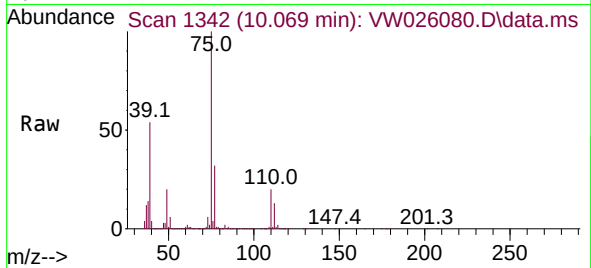
VSTD050460

Tgt Ion: 75 Resp: 1021438

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 98.774 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

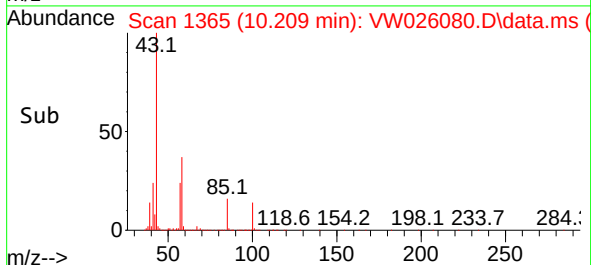
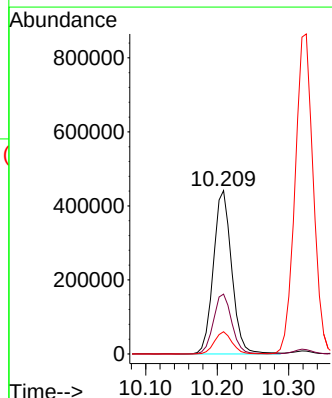
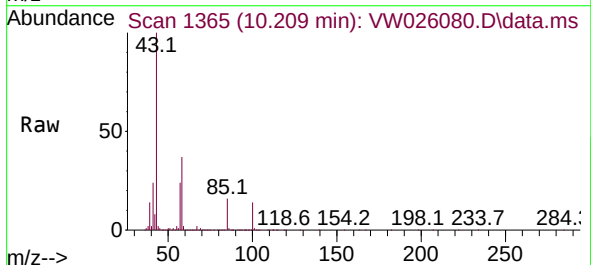
Tgt Ion: 43 Resp: 784707

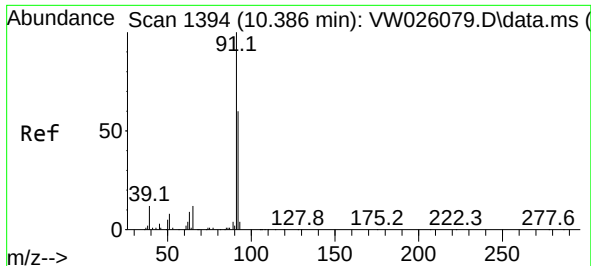
Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.4

100 13.2 10.5 15.7

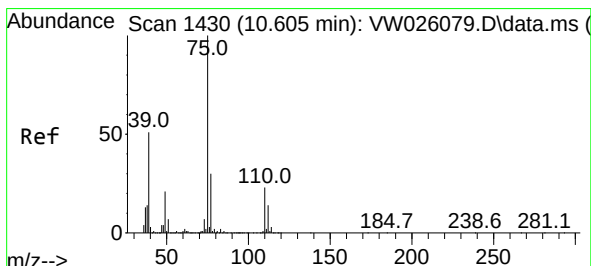
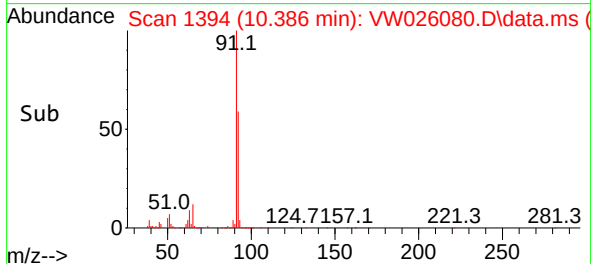
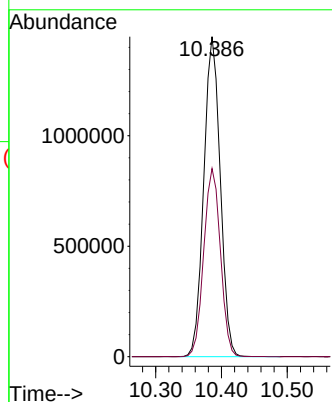
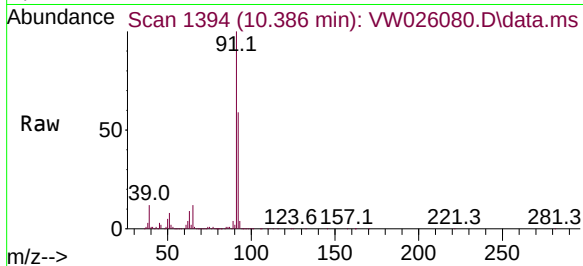




#42
Toluene
Concen: 49.637 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

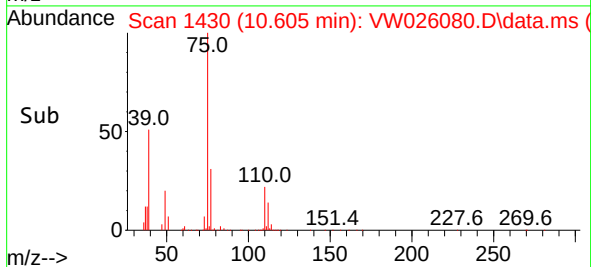
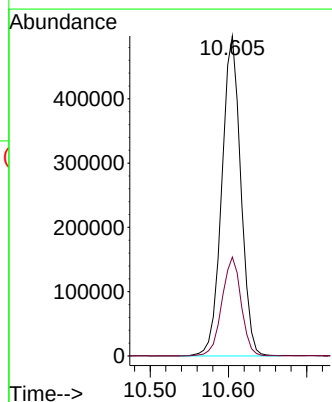
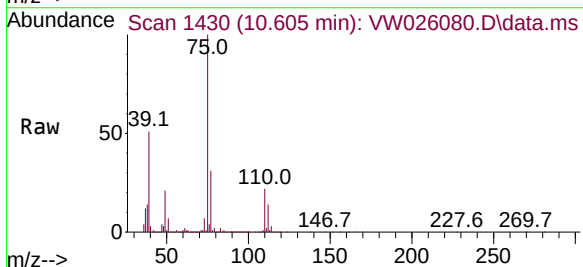
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

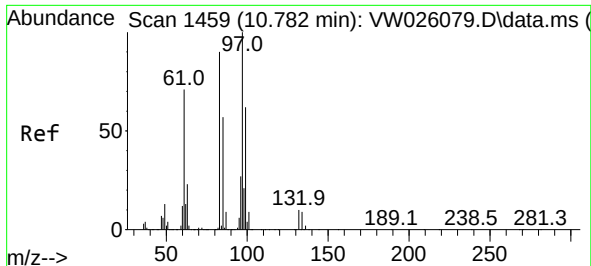
Tgt Ion: 91 Resp: 2525826
Ion Ratio Lower Upper
91 100
92 58.8 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 50.923 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 75 Resp: 840086
Ion Ratio Lower Upper
75 100
77 30.9 21.1 39.3



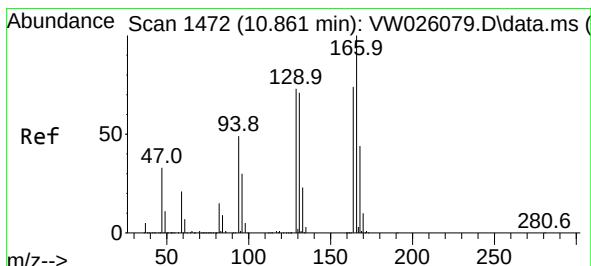
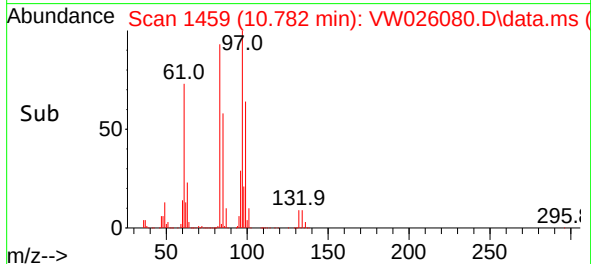
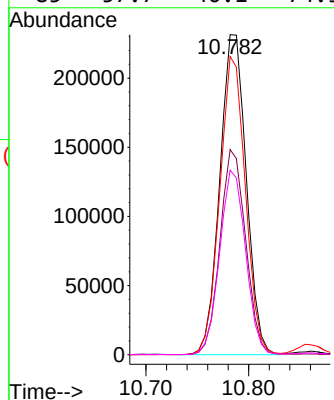
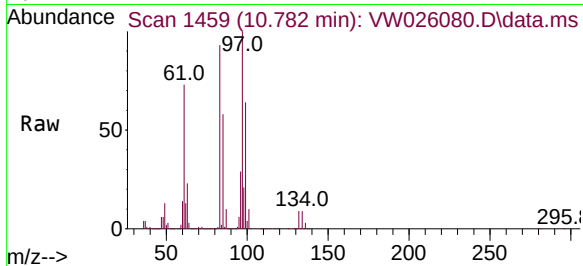


#45
1,1,2-Trichloroethane
Concen: 46.579 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

Tgt Ion: 97 Resp: 413663

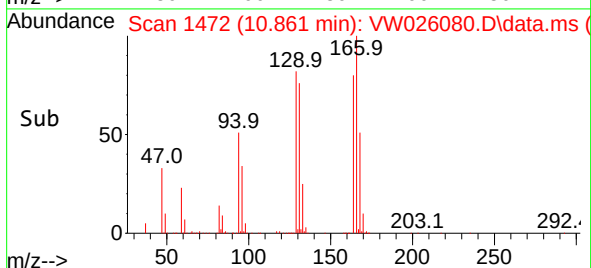
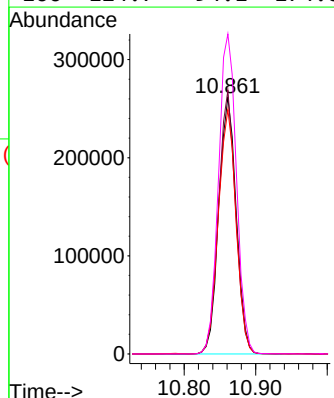
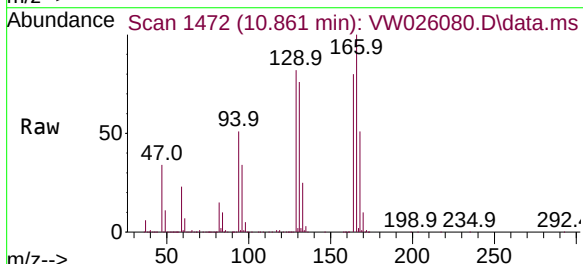
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.3	80.5
83	93.2	62.9	116.9
85	57.7	40.1	74.5

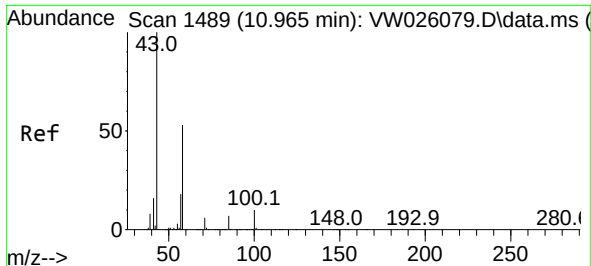


#46
Tetrachloroethene
Concen: 49.344 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 164 Resp: 444622

Ion	Ratio	Lower	Upper
164	100		
129	102.8	68.5	127.1
131	95.2	67.1	124.7
166	124.7	94.1	174.8

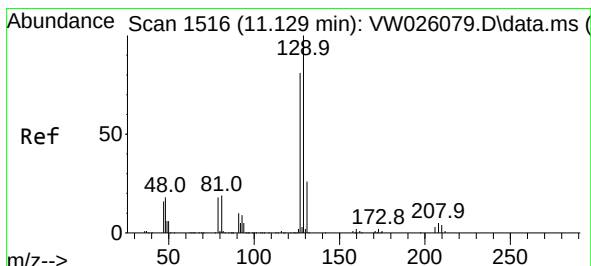
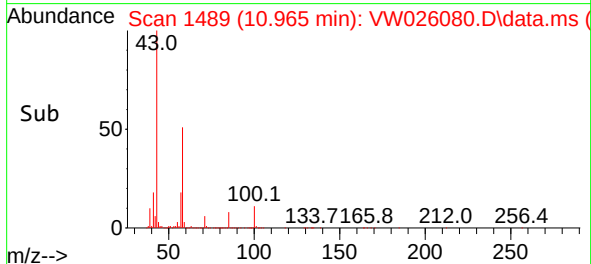
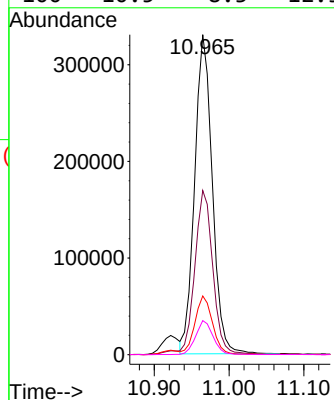
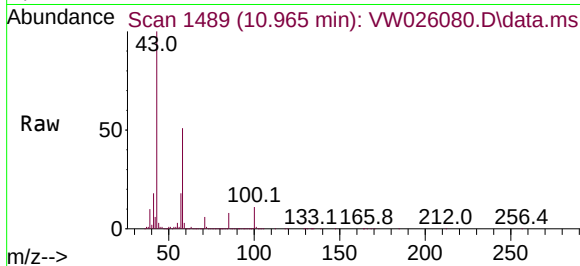




#48
2-Hexanone
Concen: 96.805 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

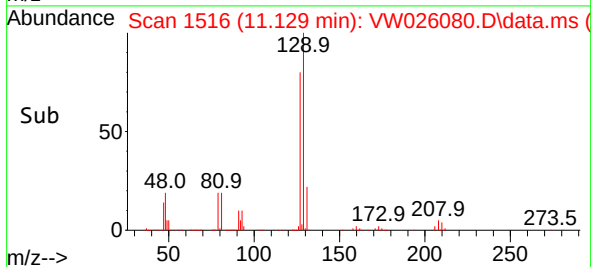
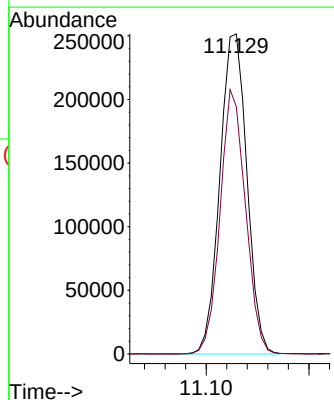
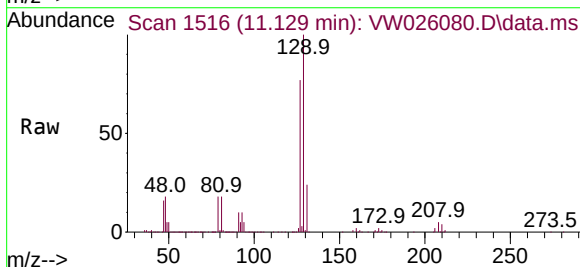
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

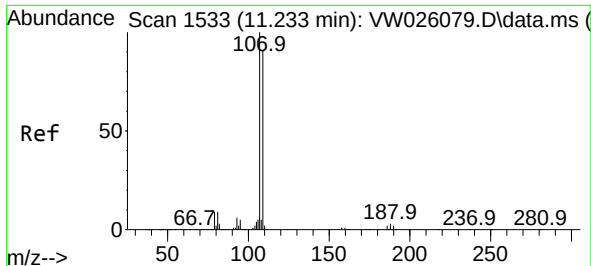
Tgt Ion: 43 Resp: 542261
Ion Ratio Lower Upper
43 100
58 51.9 42.2 63.2
57 18.0 14.2 21.2
100 10.5 8.3 12.5



#49
Dibromochloromethane
Concen: 49.349 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 129 Resp: 459498
Ion Ratio Lower Upper
129 100
127 77.3 56.9 105.7

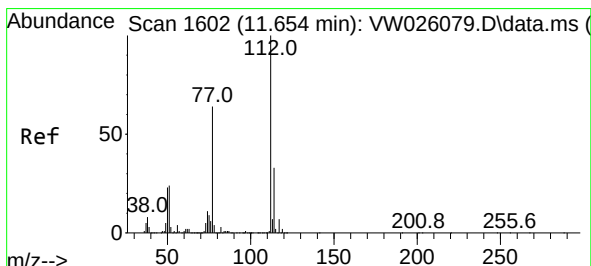
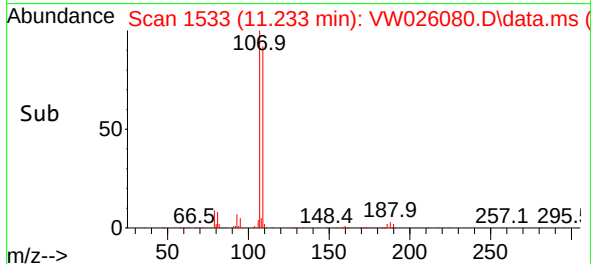
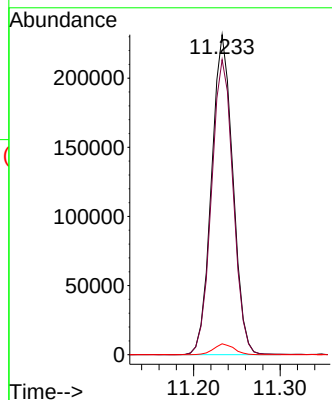
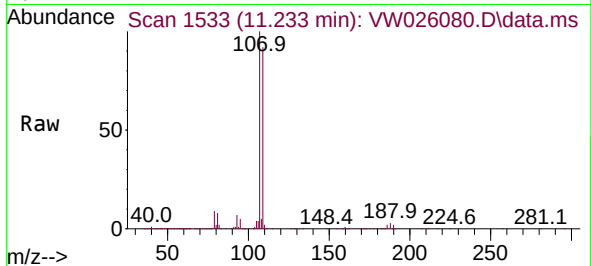




#50
1,2-Dibromoethane
Concen: 48.186 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

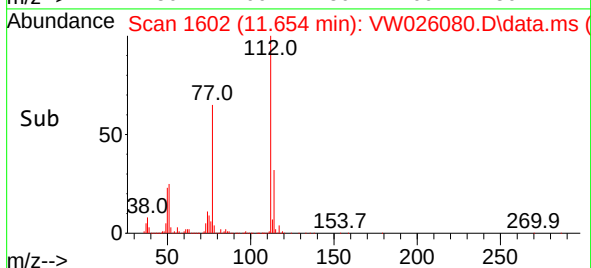
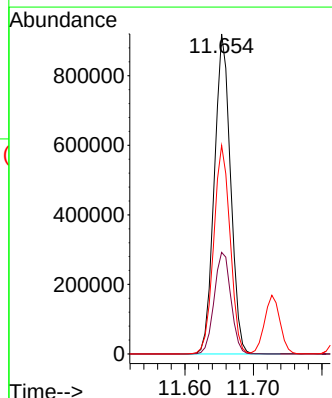
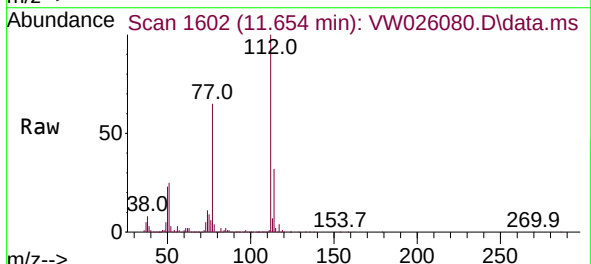
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

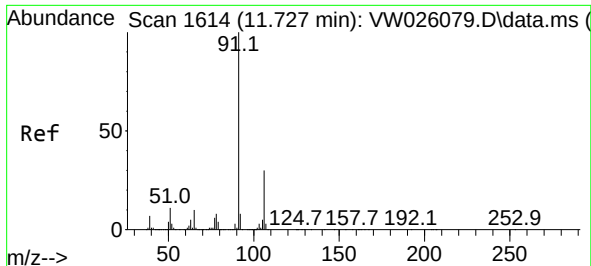
Tgt Ion:107 Resp: 396235
Ion Ratio Lower Upper
107 100
109 92.2 64.0 119.0
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 47.395 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion:112 Resp: 1511283
Ion Ratio Lower Upper
112 100
114 31.8 23.0 42.6
77 65.2 50.9 76.3

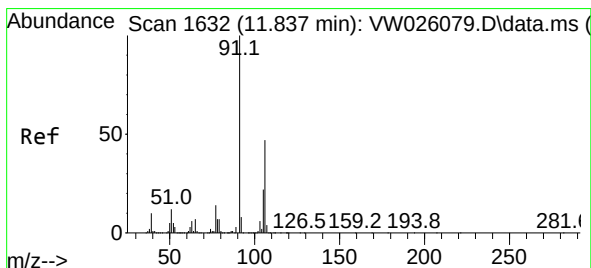
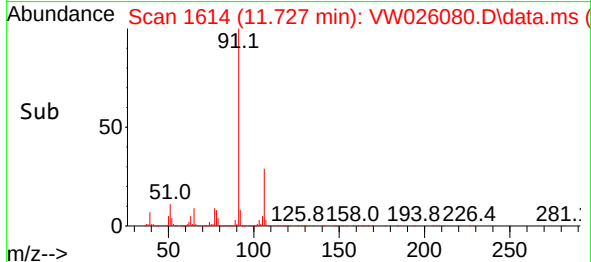
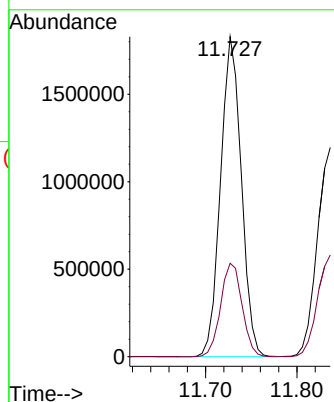
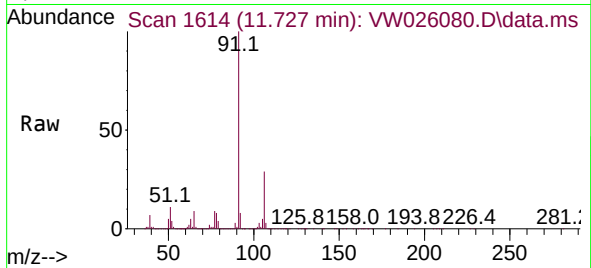




#52
Ethylbenzene
Concen: 50.333 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

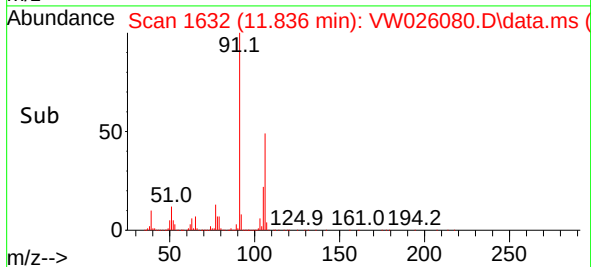
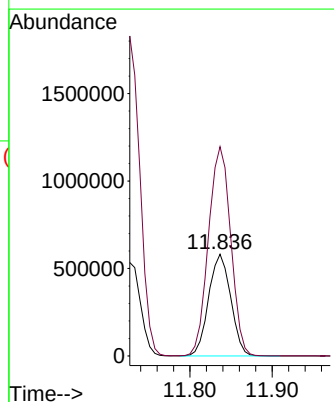
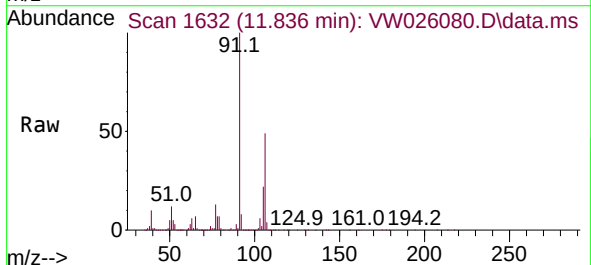
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

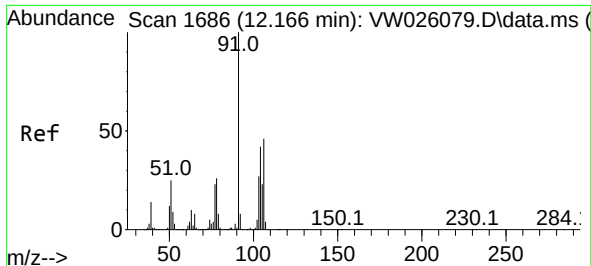
Tgt Ion: 91 Resp: 2889202
Ion Ratio Lower Upper
91 100
106 29.2 21.2 39.4



#53
m,p-Xylene
Concen: 50.866 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion:106 Resp: 1086202
Ion Ratio Lower Upper
106 100
91 205.5 149.5 277.7

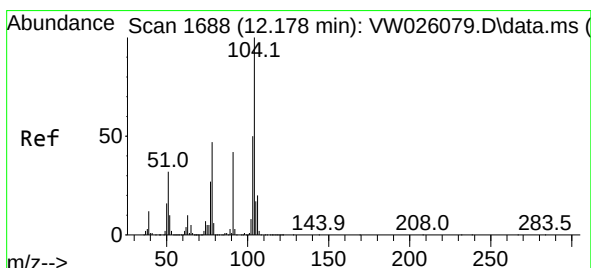
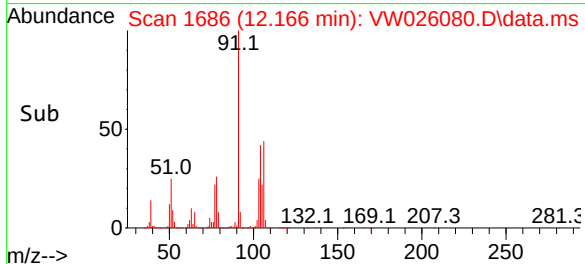
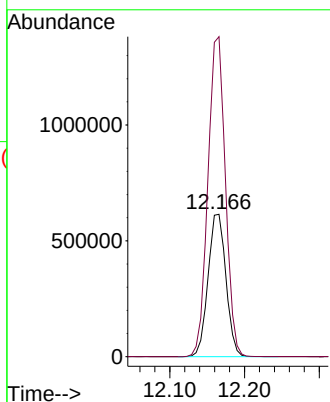
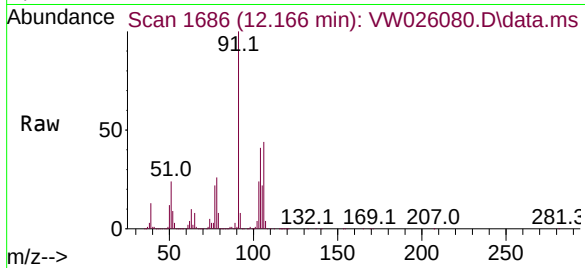




#54
o-Xylene
Concen: 50.871 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

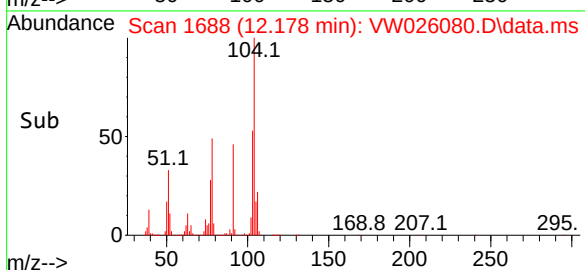
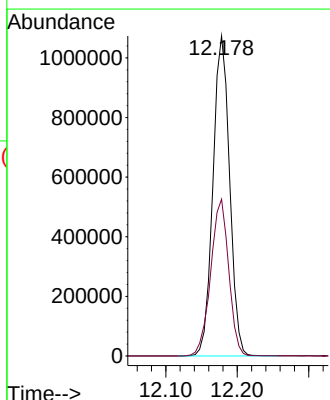
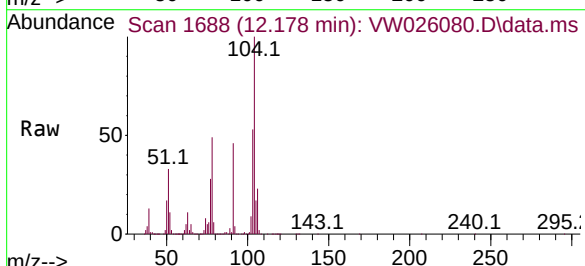
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

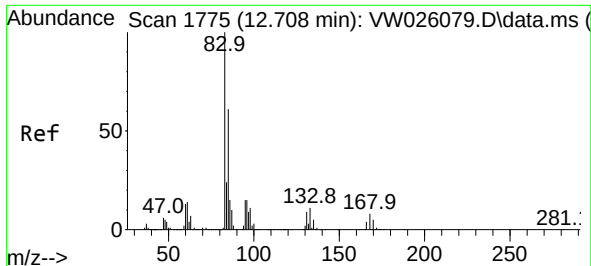
Tgt Ion:106 Resp: 1025308
Ion Ratio Lower Upper
106 100
91 224.8 150.9 280.3



#55
Styrene
Concen: 50.279 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion:104 Resp: 1738538
Ion Ratio Lower Upper
104 100
78 49.0 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 46.212 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD050460

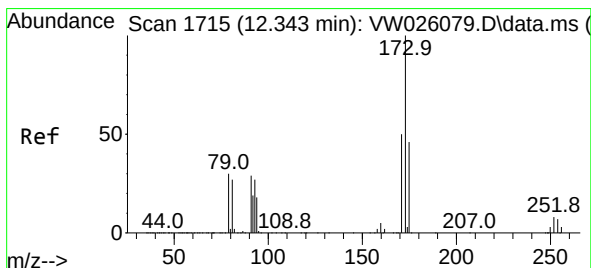
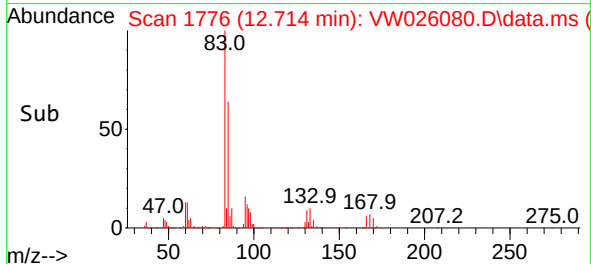
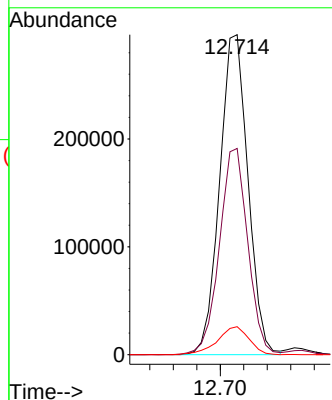
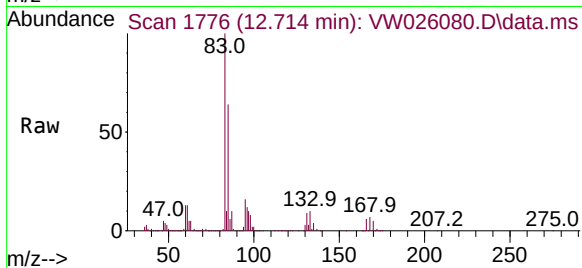
Tgt Ion: 83 Resp: 496677

Ion Ratio Lower Upper

83 100

85 64.5 42.6 79.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 48.234 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

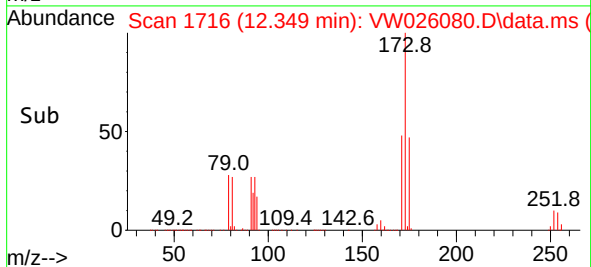
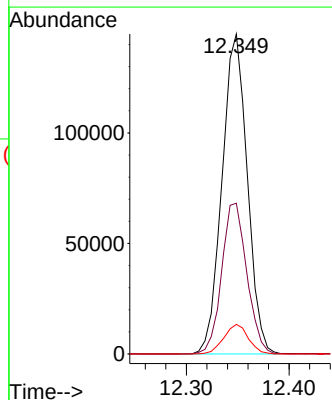
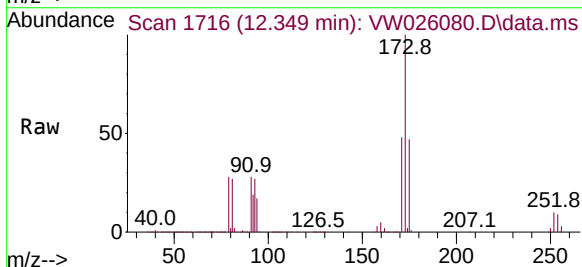
Tgt Ion:173 Resp: 247002

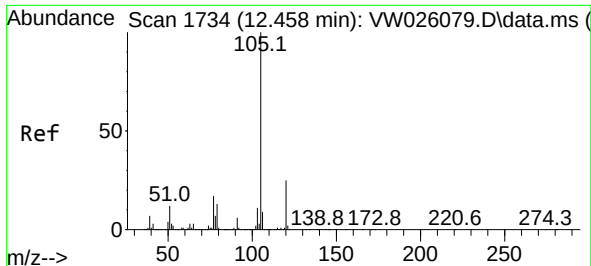
Ion Ratio Lower Upper

173 100

175 46.9 38.6 57.8

254 9.0 7.4 11.0

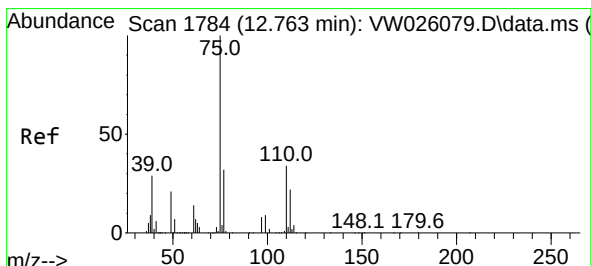
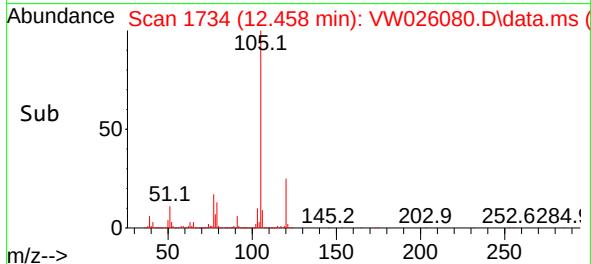
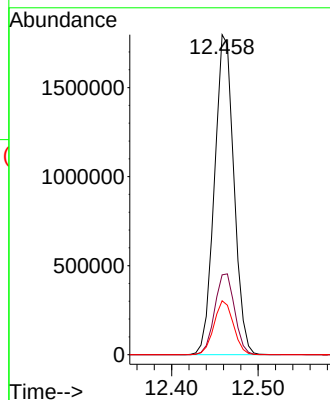
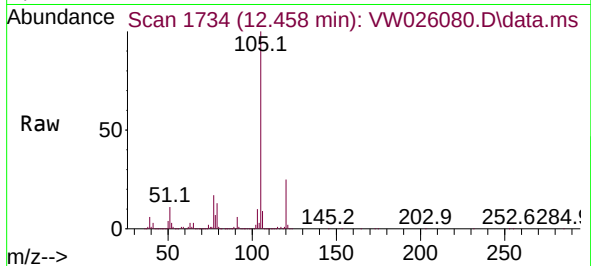




#60
Isopropylbenzene
Concen: 52.286 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

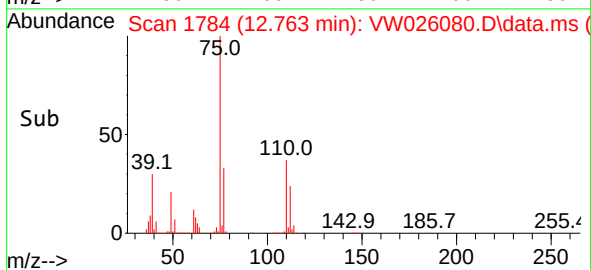
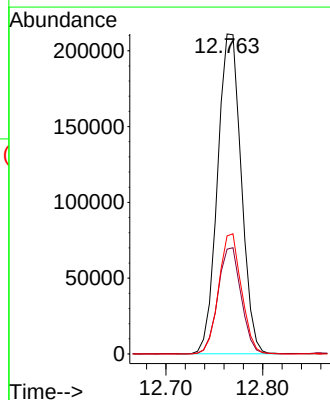
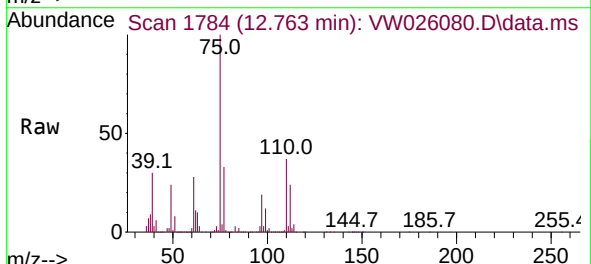
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

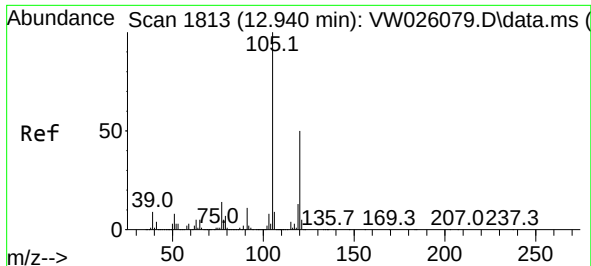
Tgt Ion:105 Resp: 2800407
Ion Ratio Lower Upper
105 100
120 26.0 19.8 29.8
77 16.8 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 47.000 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion: 75 Resp: 358938
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 36.1 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 53.921 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

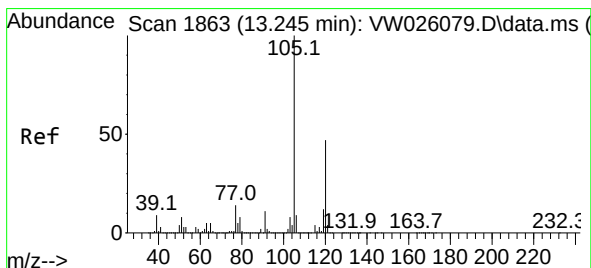
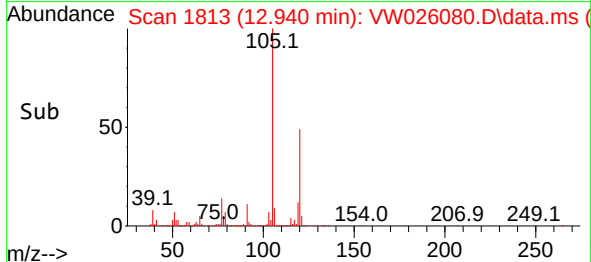
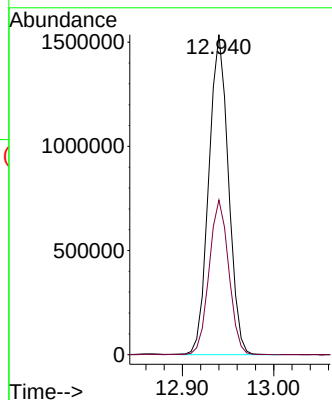
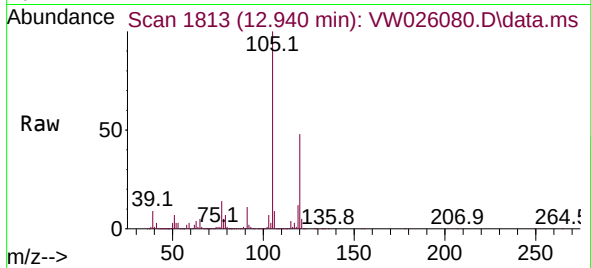
VSTD050460

Tgt Ion:105 Resp: 2295809

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 53.570 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026080.D

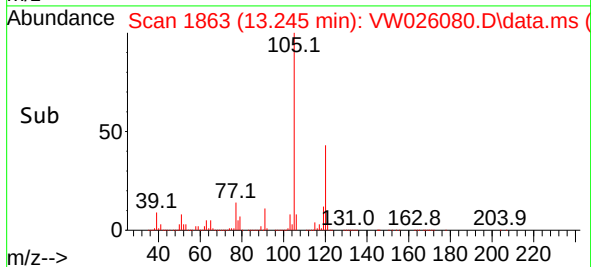
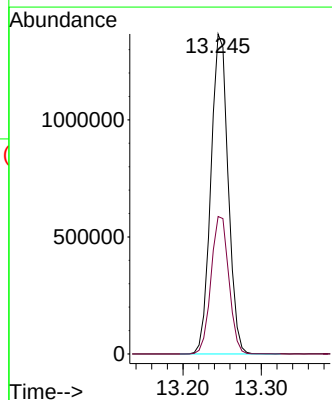
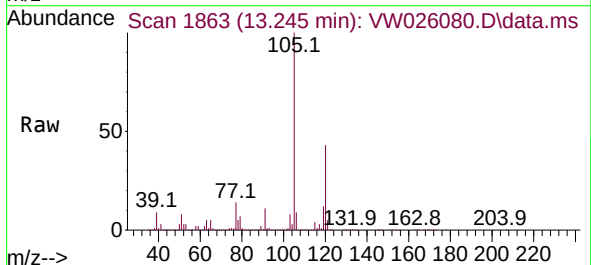
Acq: 30 May 2023 10:11

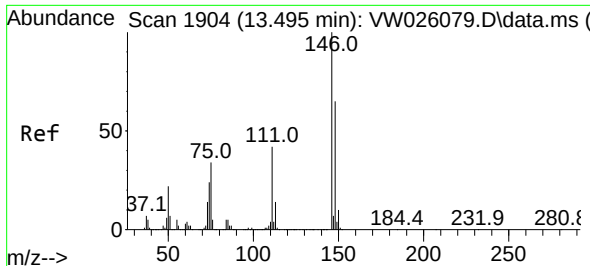
Tgt Ion:105 Resp: 2089073

Ion Ratio Lower Upper

105 100

120 44.3 36.2 54.2

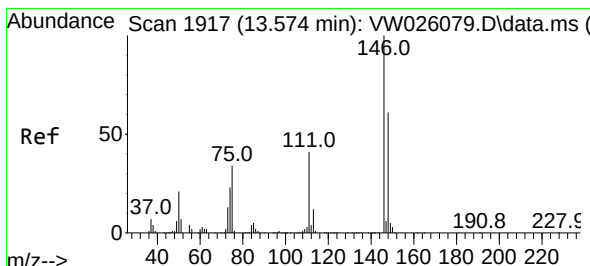
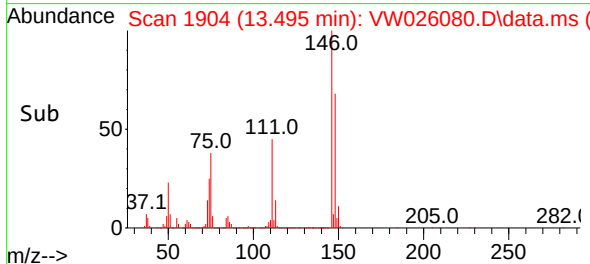
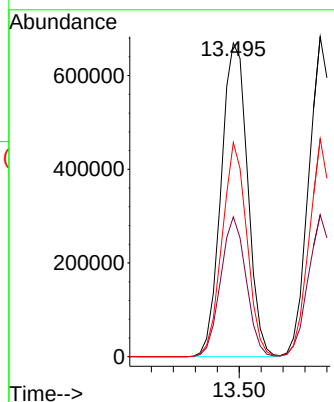
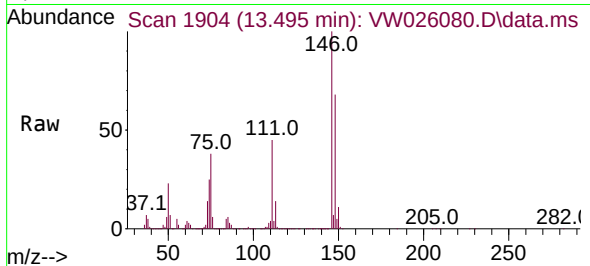




#64
1,3-Dichlorobenzene
Concen: 49.847 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

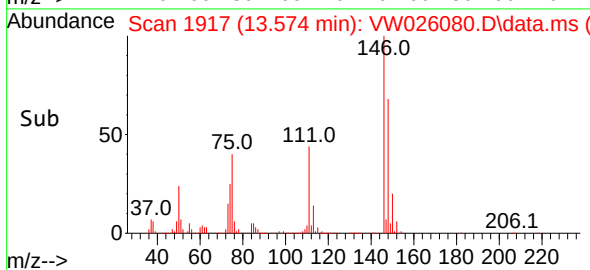
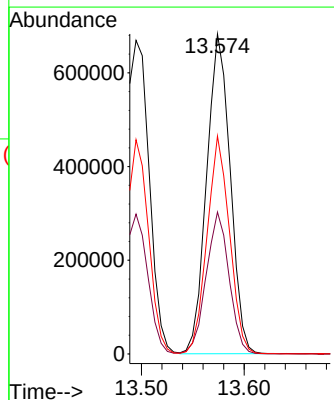
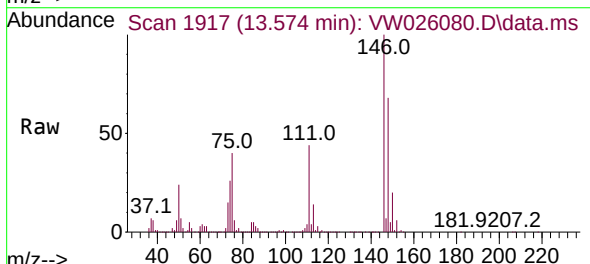
Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

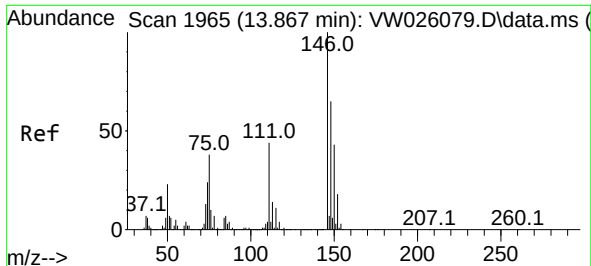
Tgt Ion:146 Resp: 1122534
Ion Ratio Lower Upper
146 100
111 44.6 29.7 55.1
148 68.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 47.917 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion:146 Resp: 1086398
Ion Ratio Lower Upper
146 100
111 44.4 29.2 54.2
148 68.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 48.155 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD050460

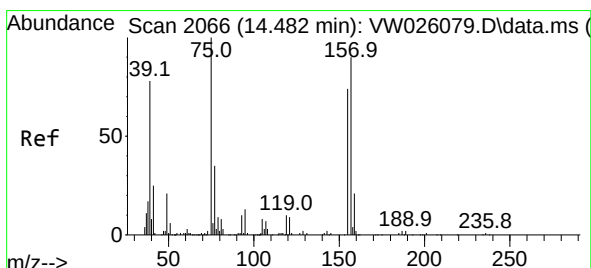
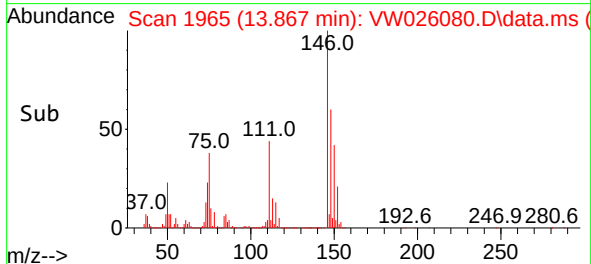
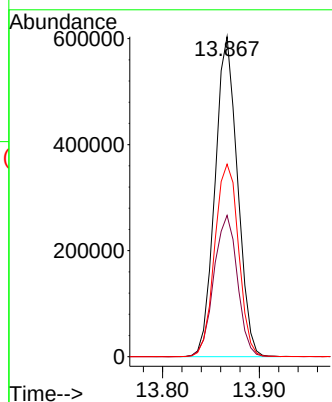
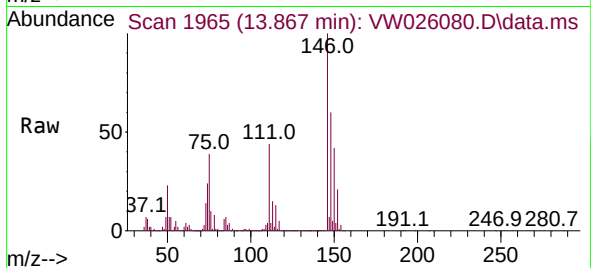
Tgt Ion:146 Resp: 973815

Ion Ratio Lower Upper

146 100

111 44.1 35.4 53.0

148 60.1 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 46.296 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

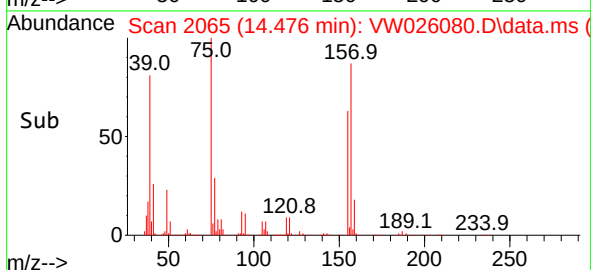
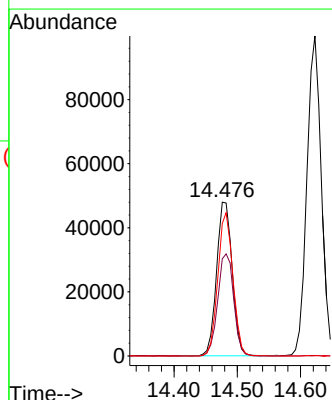
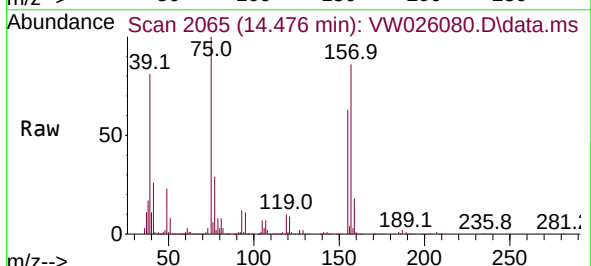
Tgt Ion: 75 Resp: 81916

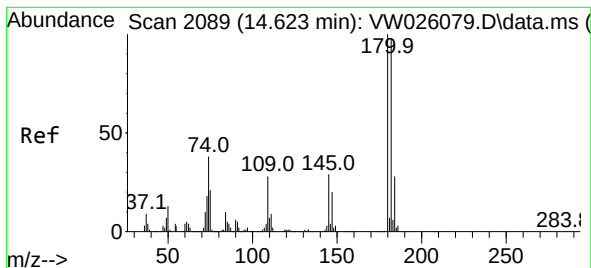
Ion Ratio Lower Upper

75 100

155 63.2 59.0 88.6

157 86.2 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 49.919 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026080.D

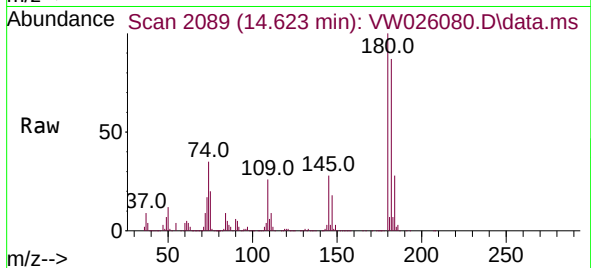
Acq: 30 May 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD050460



Tgt Ion:180 Resp: 772215

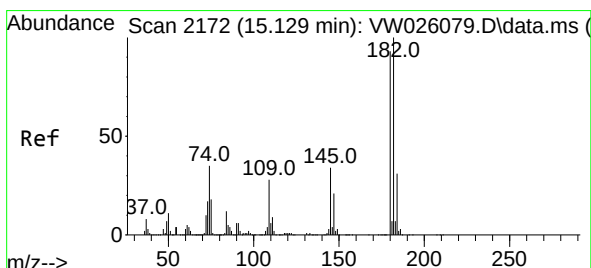
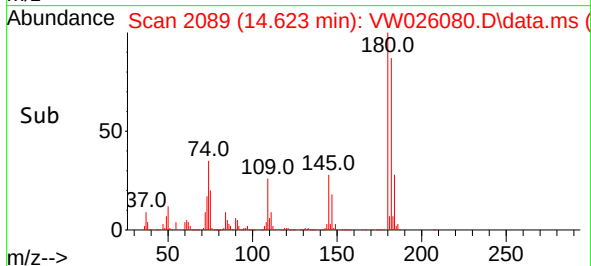
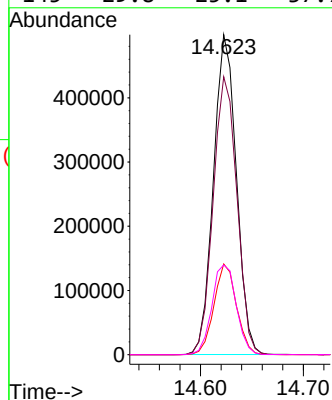
Ion Ratio Lower Upper

180 100

182 90.1 77.0 115.4

184 27.9 23.7 35.5

145 29.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 48.904 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026080.D

Acq: 30 May 2023 10:11

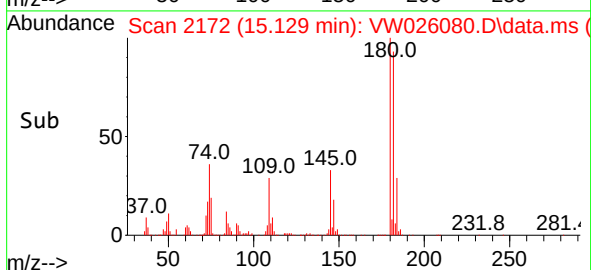
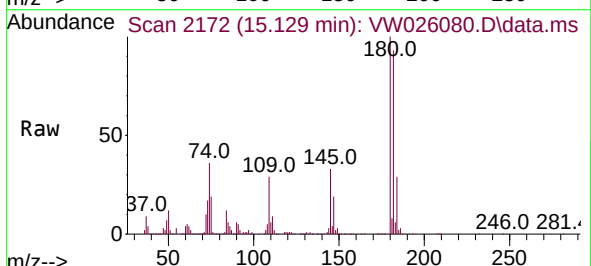
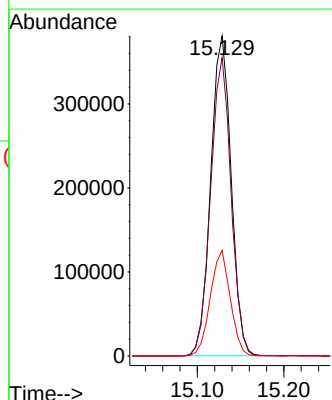
Tgt Ion:180 Resp: 624241

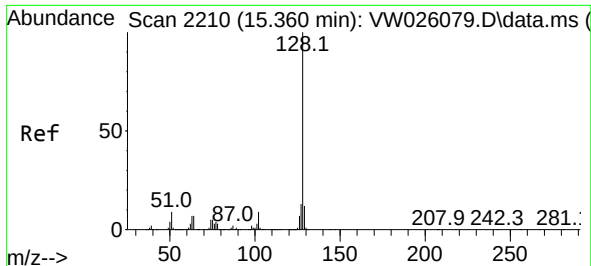
Ion Ratio Lower Upper

180 100

182 93.2 78.9 118.3

145 32.2 27.2 40.8

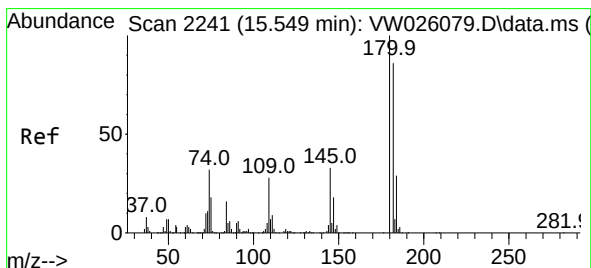
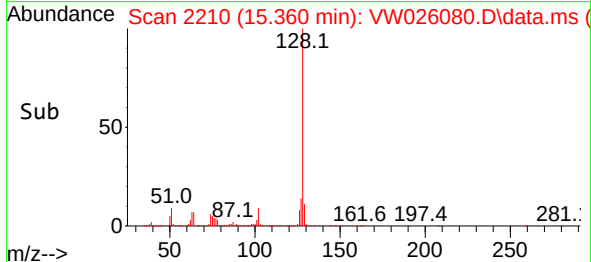
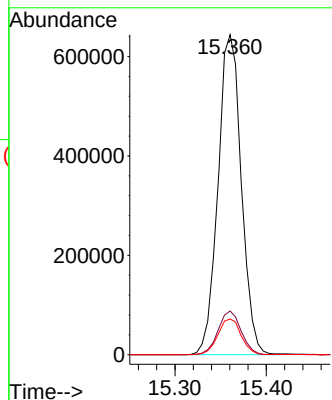
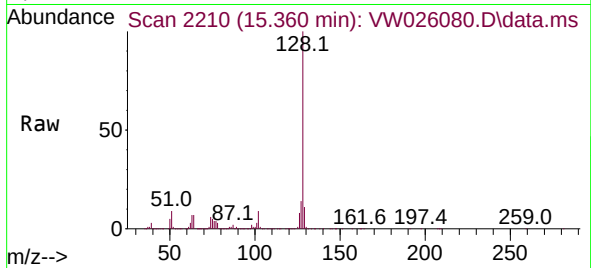




#71
Naphthalene
Concen: 50.180 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD050460

Tgt Ion:128 Resp: 1141614
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.2 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 46.177 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026080.D
Acq: 30 May 2023 10:11

Tgt Ion:180 Resp: 515142
Ion Ratio Lower Upper
180 100
182 96.7 76.3 114.5
145 35.1 27.0 40.6

