

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026081.D
 Acq On : 30 May 2023 10:35
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100461

Quant Time: May 31 01:28:02 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	821567	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	737022	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	347265	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1256619	108.726	ug/L	0.00
7) Chloroethane-d5	2.887	69	882973	102.056	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.021	65	608255	106.730	ug/L	0.00
21) 2-Butanone-d5	7.075	46	757236	225.042	ug/L	0.00
24) Chloroform-d	7.648	84	2329095	96.809	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	1272684	96.741	ug/L	0.00
32) Benzene-d6	8.270	84	4761157	96.004	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1534614	97.674	ug/L	0.00
41) Toluene-d8	10.318	98	4260549	96.873	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	636951	102.304	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	576579	232.737	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1125694	98.458	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1290611	97.098	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	1036889	105.027	ug/L	92
3) Chloromethane	2.228	50	1393818	107.933	ug/L	97
5) Vinyl chloride	2.375	62	1383764	100.246	ug/L	99
6) Bromomethane	2.783	94	729821	96.985	ug/L	96
8) Chloroethane	2.929	64	688072	92.243	ug/L	97
9) Trichlorofluoromethane	3.265	101	992224	111.731	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	1055125	97.407	ug/L	98
12) 1,1-Dichloroethene	4.045	96	1033581	98.810	ug/L	90
13) Acetone	4.118	43	485814	186.591	ug/L	99
14) Carbon disulfide	4.393	76	3532188	95.655	ug/L	100
15) Methyl Acetate	4.667	43	597342	102.224	ug/L	99
16) Methylene chloride	4.917	84	1088971	83.046	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	1116045	95.095	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	1815722	98.163	ug/L	100
19) 1,1-Dichloroethane	6.215	63	2243762	93.909	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	1192287	95.908	ug/L	95
22) 2-Butanone	7.166	43	781185	210.526	ug/L	100
23) Bromochloromethane	7.514	128	491640	92.732	ug/L	95
25) Chloroform	7.672	83	2023087	90.909	ug/L	99
27) 1,2-Dichloroethane	8.398	62	1422329	92.670	ug/L	98
29) Cyclohexane	7.959	56	2224147	97.747	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	1653748	92.462	ug/L	100
31) Carbon tetrachloride	8.069	117	1485912	91.041	ug/L	98
33) Benzene	8.325	78	4564443	90.406	ug/L	100
34) Trichloroethene	9.093	95	1199824	92.807	ug/L	94
35) Methylcyclohexane	9.337	83	2218634	96.984	ug/L	99
37) 1,2-Dichloropropane	9.367	63	1254676	91.749	ug/L	99
38) Bromodichloromethane	9.642	83	1503460	94.632	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	2014109	100.224	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	1722609	213.661	ug/L	98
42) Toluene	10.385	91	4725521	91.508	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	1690146	100.952	ug/L	97

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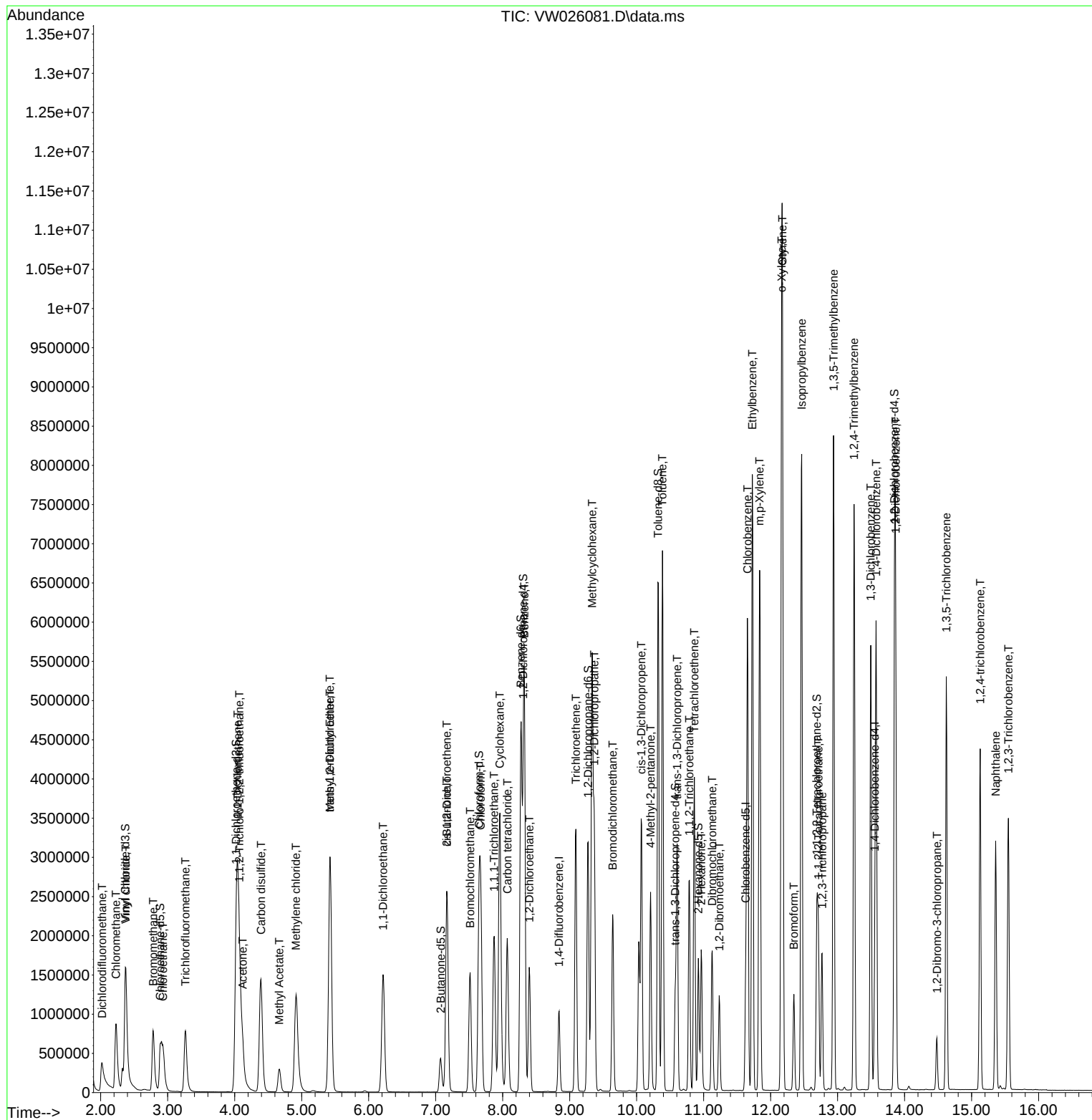
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	833671	92.500	ug/L	99
46) Tetrachloroethene	10.861	164	829093	90.668	ug/L	92
48) 2-Hexanone	10.965	43	1192541	209.780	ug/L	99
49) Dibromochloromethane	11.129	129	930499	98.472	ug/L	93
50) 1,2-Dibromoethane	11.233	107	802156	96.124	ug/L	94
51) Chlorobenzene	11.653	112	2930394	90.556	ug/L	99
52) Ethylbenzene	11.727	91	5443418	93.444	ug/L	98
53) m,p-Xylene	11.836	106	2044959	94.364	ug/L	100
54) o-Xylene	12.166	106	1938402	94.769	ug/L	99
55) Styrene	12.178	104	3339012	95.154	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	1013879	92.955	ug/L	95
59) Bromoform	12.348	173	535198	102.610	ug/L	100
60) Isopropylbenzene	12.464	105	5206628	95.442	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	740353	95.178	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	4364596	100.643	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	3890215	97.941	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	2094099	91.296	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	2113039	91.501	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	1921545	93.290	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	183131	101.615	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	1441691	91.499	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	1219585	93.804	ug/L	95
71) Naphthalene	15.360	128	2491419	107.518	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	1052274	92.608	ug/L	98

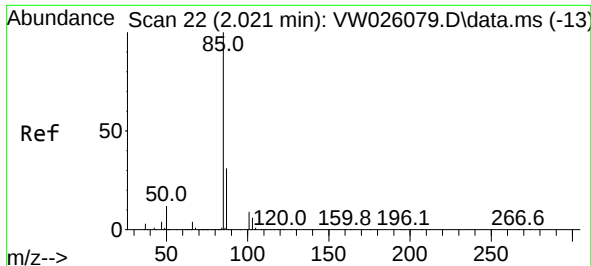
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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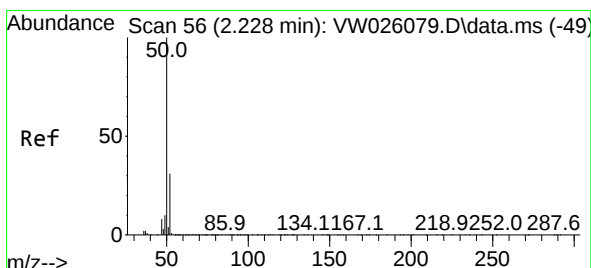
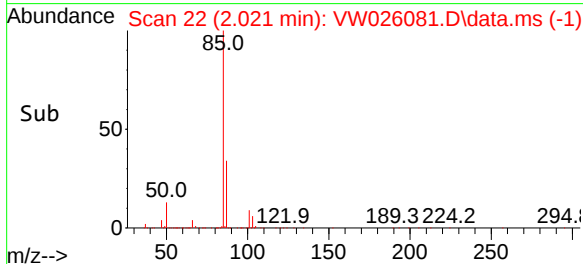
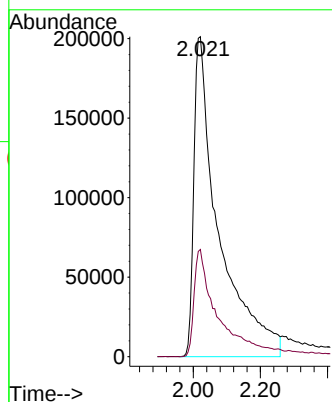
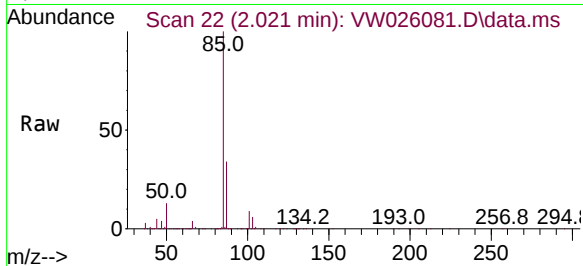




#2
 Dichlorodifluoromethane
 Concen: 105.027 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026081.D
 Acq: 30 May 2023 10:35

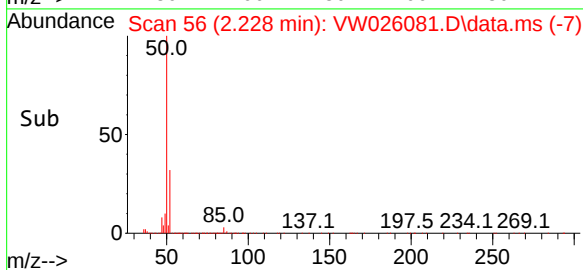
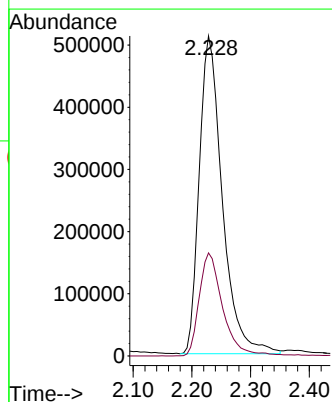
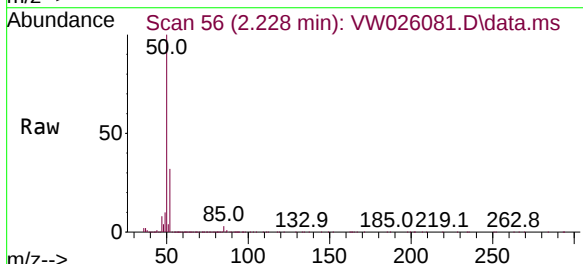
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100461

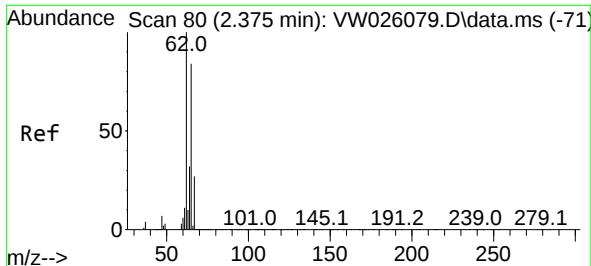
Tgt Ion: 85 Resp: 1036889
 Ion Ratio Lower Upper
 85 100
 87 31.7 22.2 33.2



#3
 Chloromethane
 Concen: 107.933 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW026081.D
 Acq: 30 May 2023 10:35

Tgt Ion: 50 Resp: 1393818
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.3 39.6

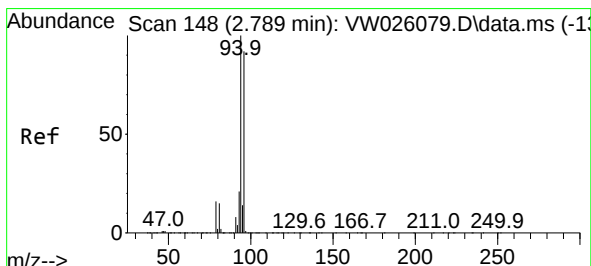
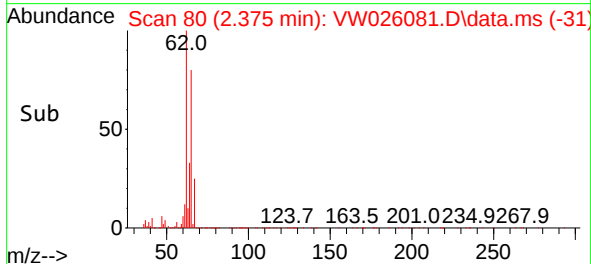
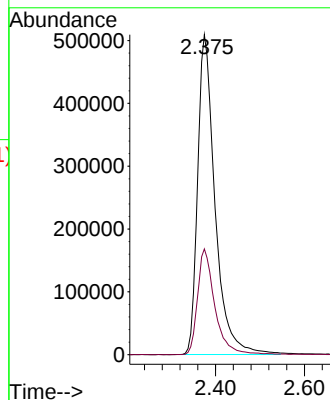
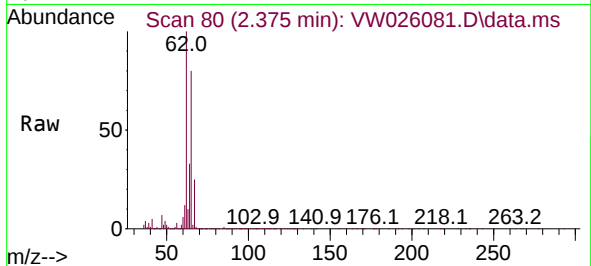




#5
 Vinyl chloride
 Concen: 100.246 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026081.D
 Acq: 30 May 2023 10:35

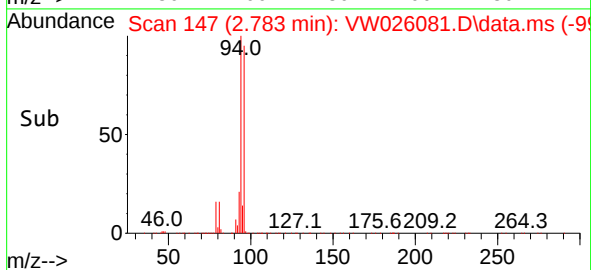
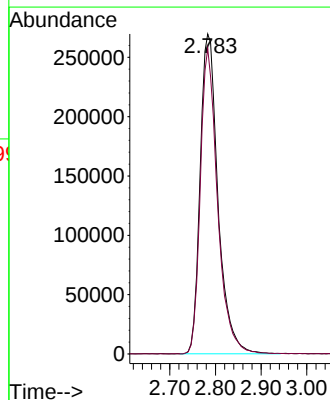
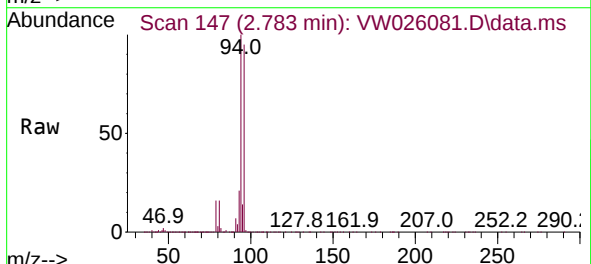
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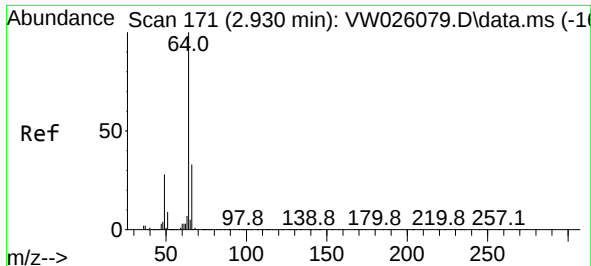
Tgt Ion: 62 Resp: 1383764
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.1



#6
 Bromomethane
 Concen: 96.985 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026081.D
 Acq: 30 May 2023 10:35

Tgt Ion: 94 Resp: 729821
 Ion Ratio Lower Upper
 94 100
 96 95.4 64.2 119.2

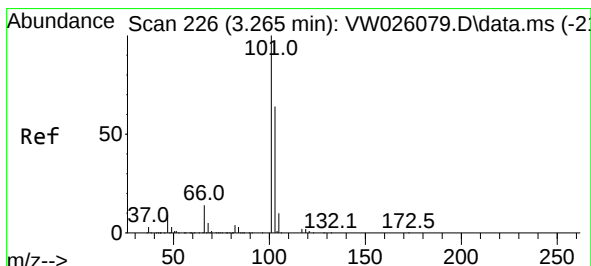
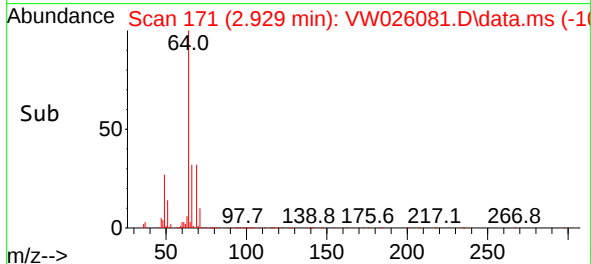
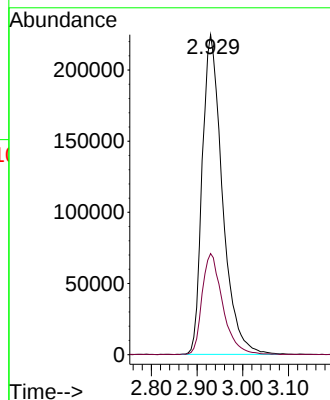
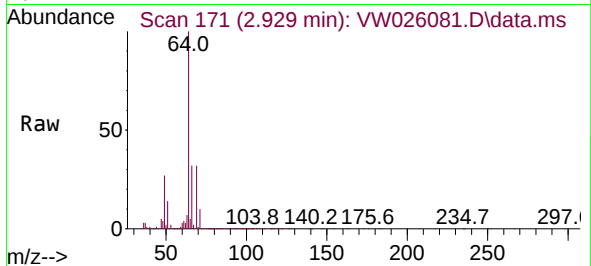




#8
Chloroethane
Concen: 92.243 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

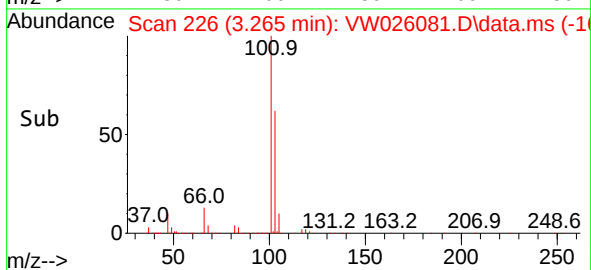
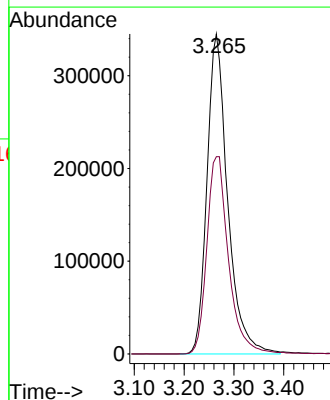
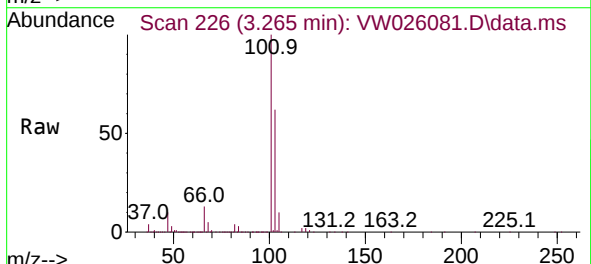
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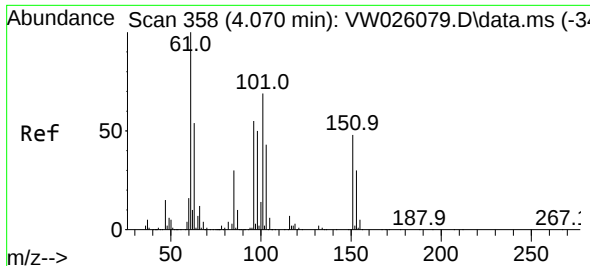
Tgt Ion: 64 Resp: 688072
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 111.731 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 101 Resp: 992224
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

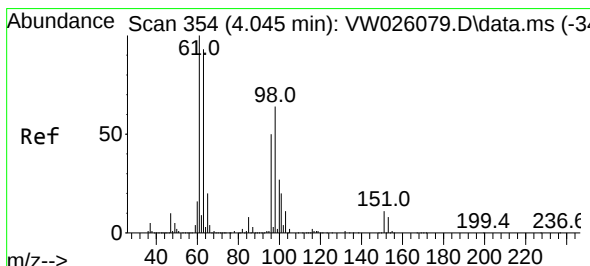
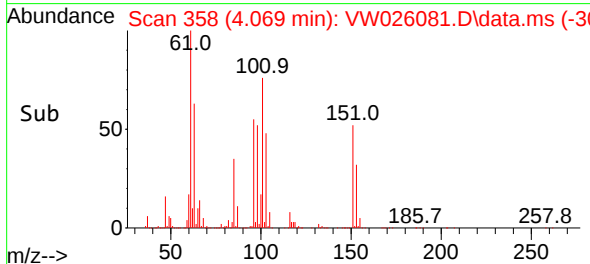
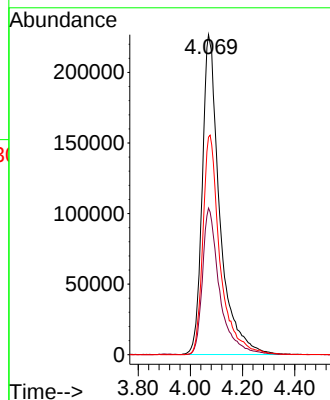
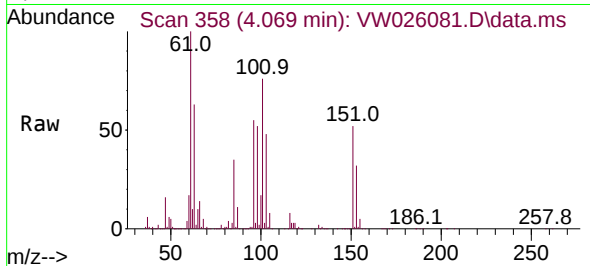




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 97.407 ug/L
 RT: 4.069 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW026081.D
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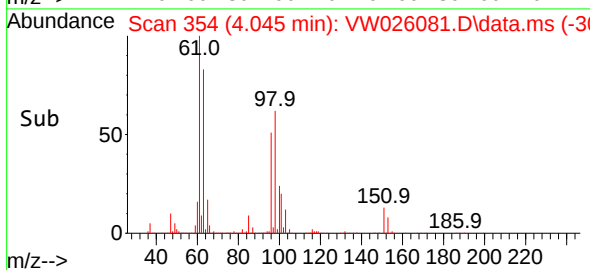
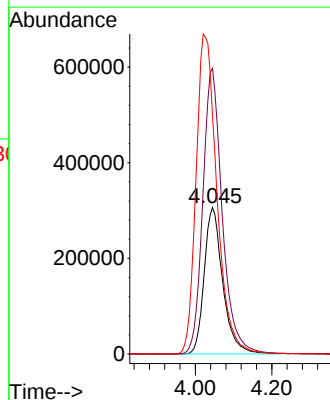
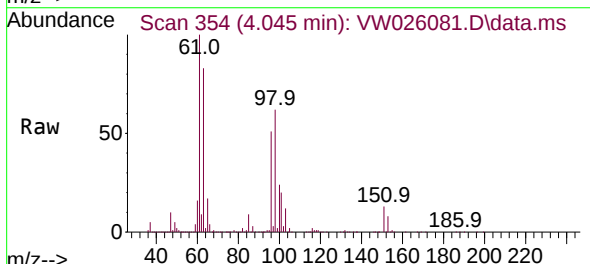
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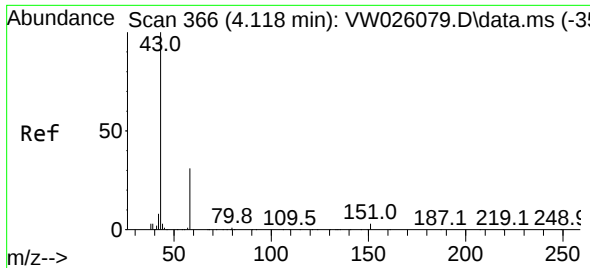
Tgt Ion:101 Resp: 1055125
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.1 54.1
 151 66.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 98.810 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026081.D
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Tgt Ion: 96 Resp: 1033581
 Ion Ratio Lower Upper
 96 100
 61 195.0 140.6 261.0
 63 162.7 131.7 244.5

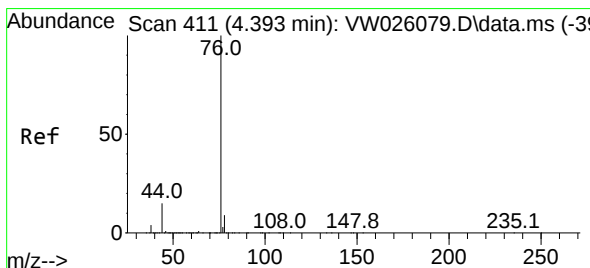
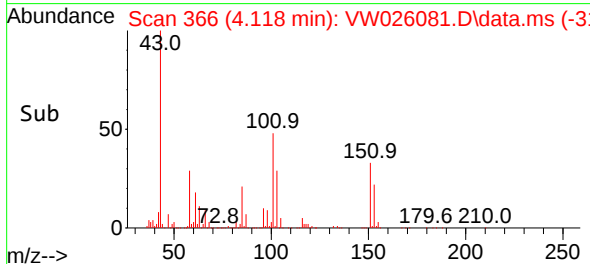
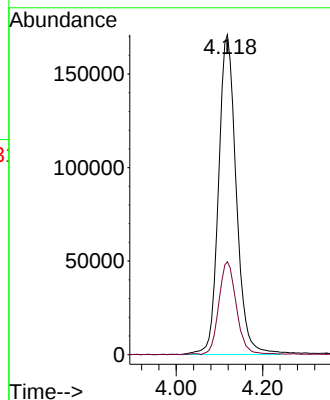
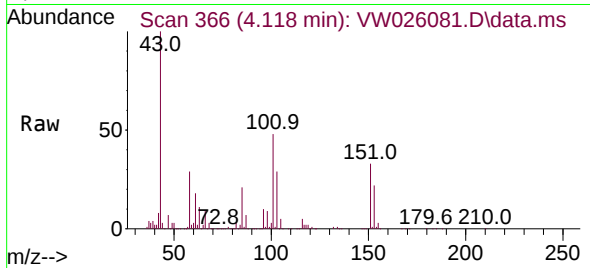




#13
Acetone
Concen: 186.591 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026081.D
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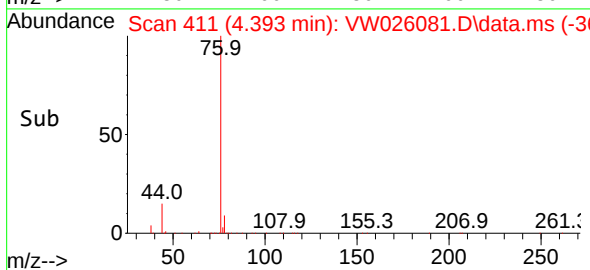
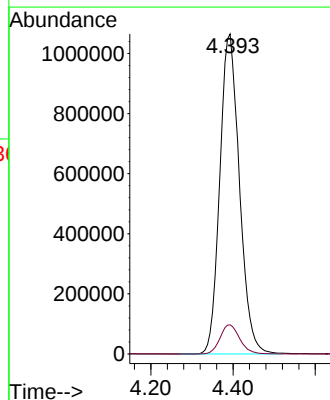
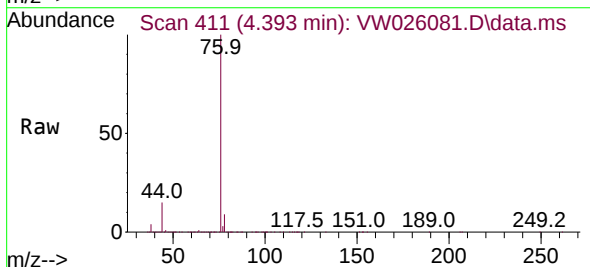
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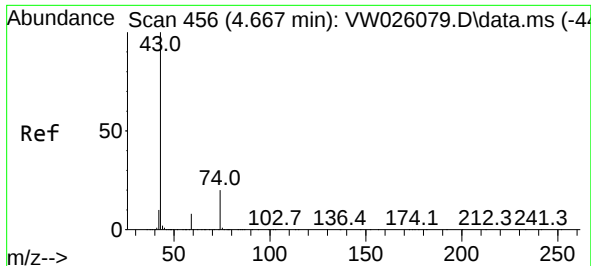
Tgt Ion: 43 Resp: 485814
Ion Ratio Lower Upper
43 100
58 28.8 0.0 58.2



#14
Carbon disulfide
Concen: 95.655 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 3532188
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

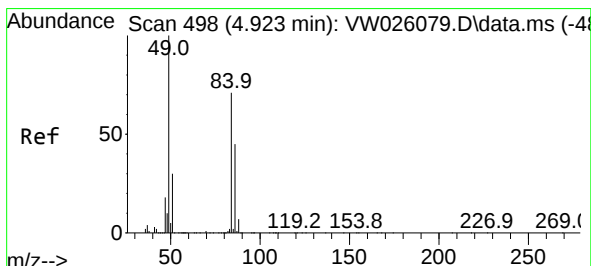
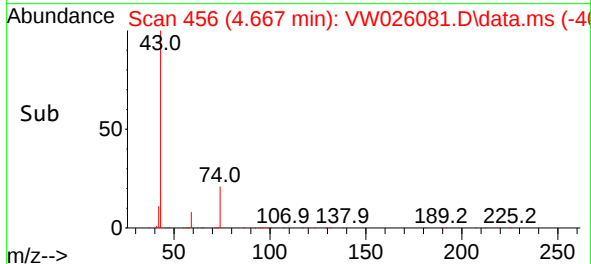
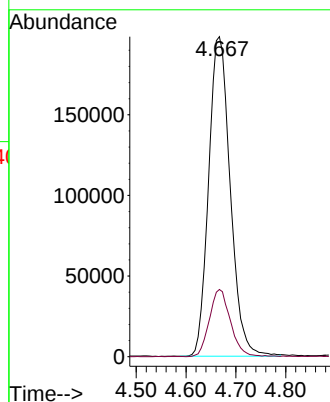
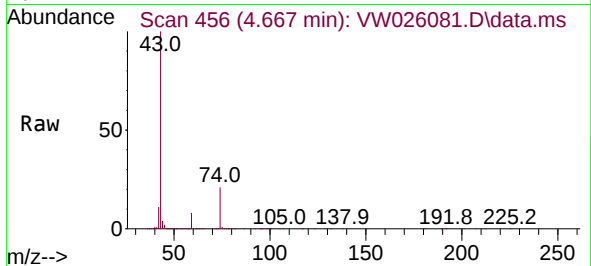




#15
Methyl Acetate
Concen: 102.224 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

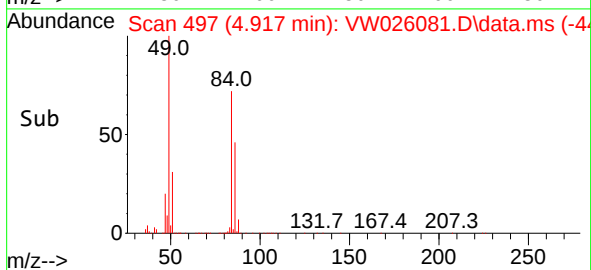
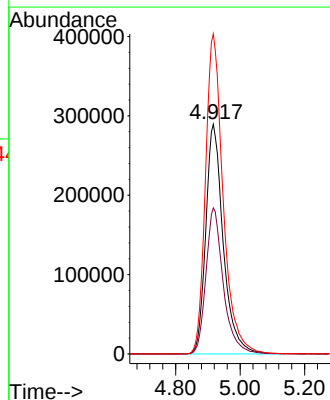
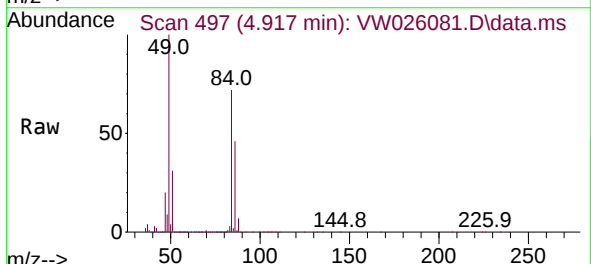
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

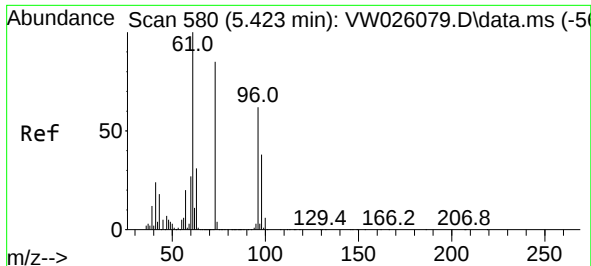
Tgt Ion: 43 Resp: 597342
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0



#16
Methylene chloride
Concen: 83.046 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 84 Resp: 1088971
Ion Ratio Lower Upper
84 100
86 63.5 44.2 82.0
49 139.3 98.8 183.6

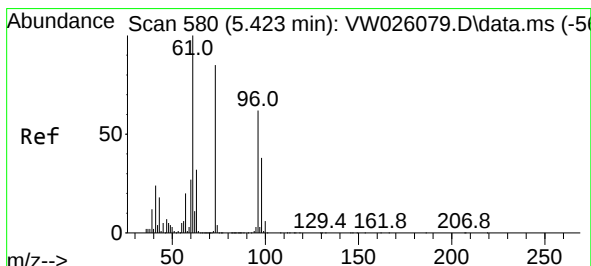
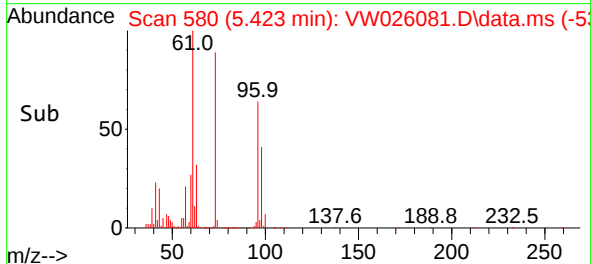
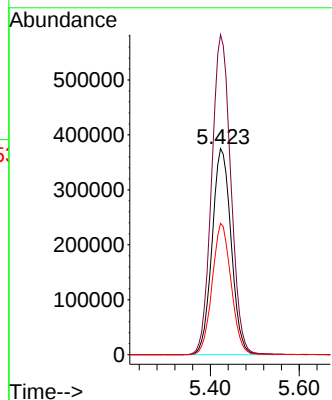
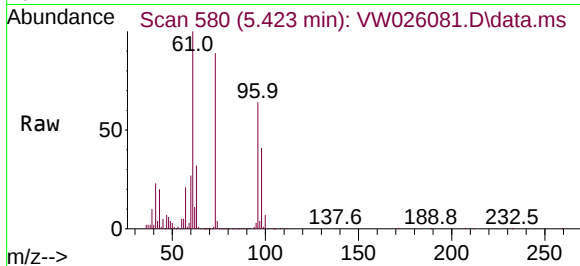




#17
trans-1,2-Dichloroethene
Concen: 95.095 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

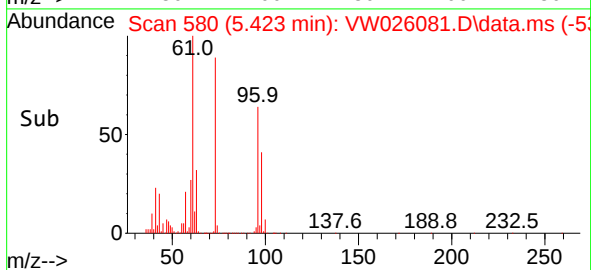
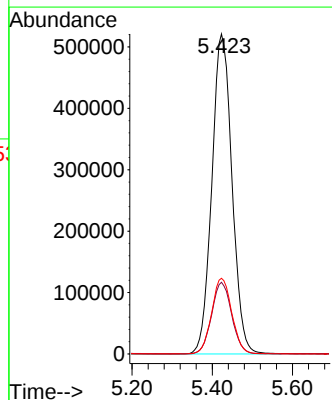
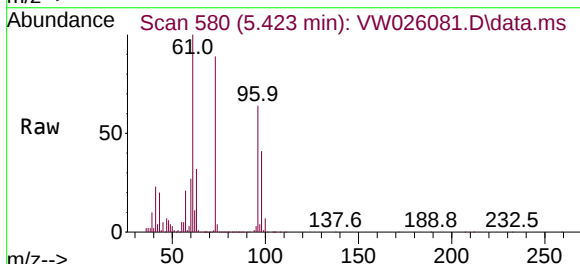
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

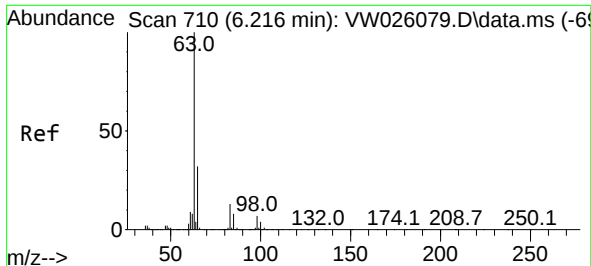
Tgt Ion: 96 Resp: 1116045
Ion Ratio Lower Upper
96 100
61 155.3 113.0 209.8
98 63.7 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 98.163 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 73 Resp: 1815722
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.6
57 23.6 18.9 28.3





#19

1,1-Dichloroethane

Concen: 93.909 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

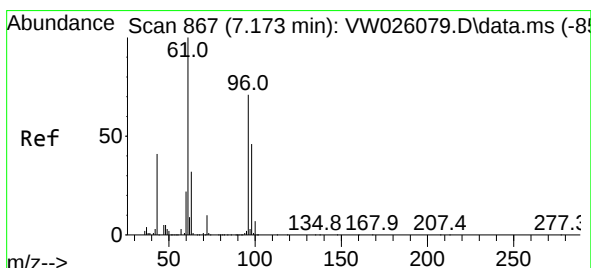
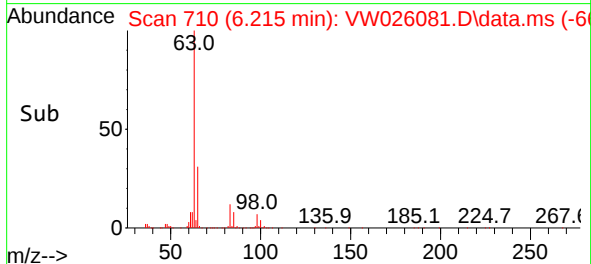
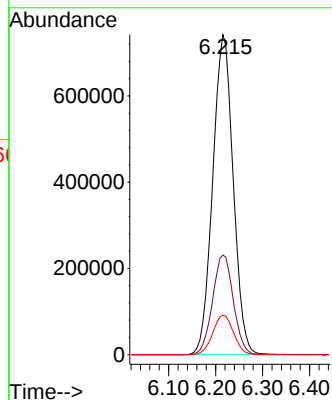
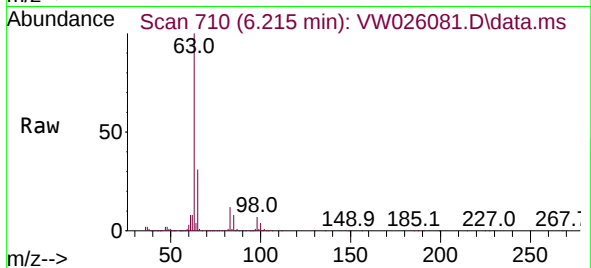
MSVOA_W

ClientSampleId :

VSTD100461

Tgt Ion: 63 Resp: 2243762

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.3	41.5
83	12.4	9.1	16.9



#20

cis-1,2-Dichloroethene

Concen: 95.908 ug/L

RT: 7.166 min Scan# 866

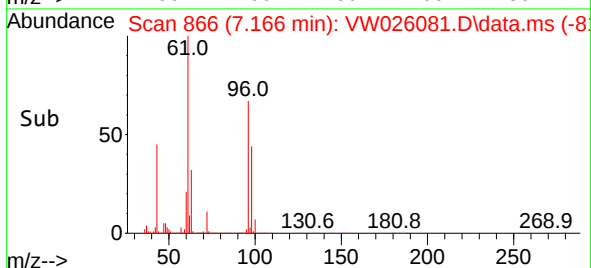
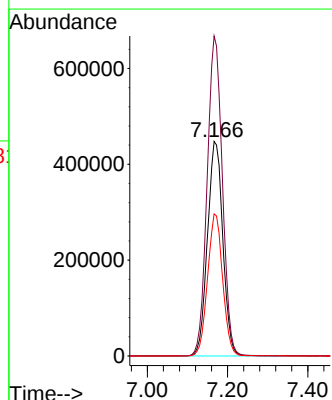
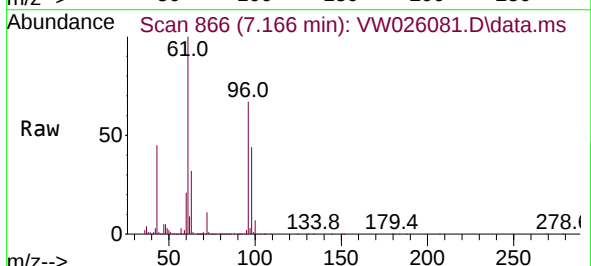
Delta R.T. -0.006 min

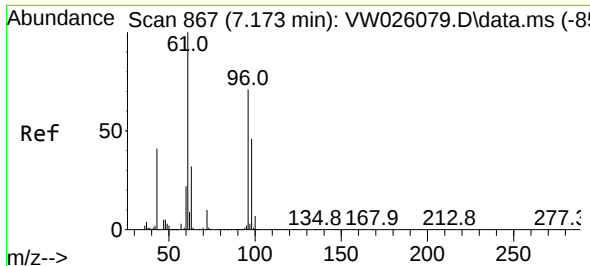
Lab File: VW026081.D

Acq: 30 May 2023 10:35

Tgt Ion: 96 Resp: 1192287

Ion	Ratio	Lower	Upper
96	100		
61	149.2	98.4	182.8
98	66.2	45.2	84.0

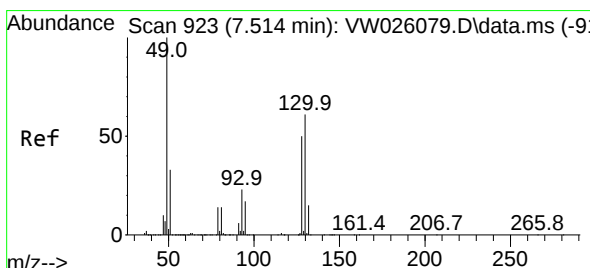
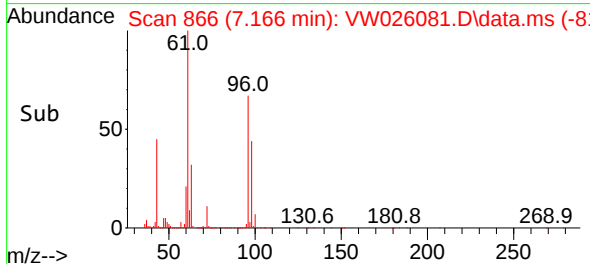
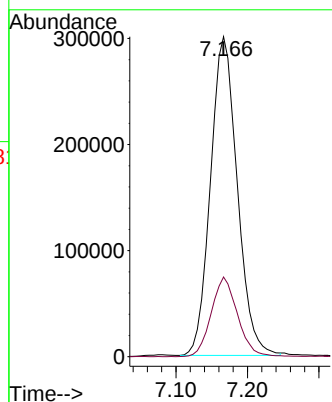
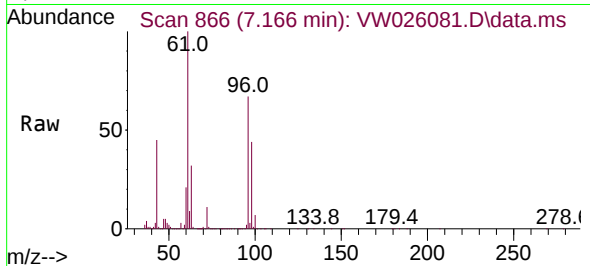




#22
2-Butanone
Concen: 210.526 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

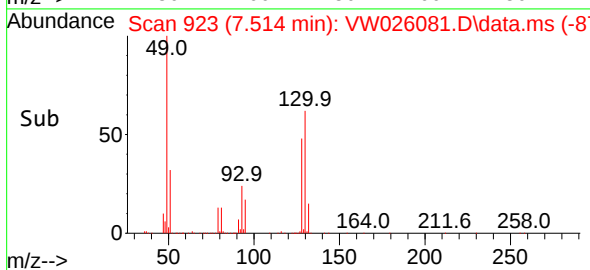
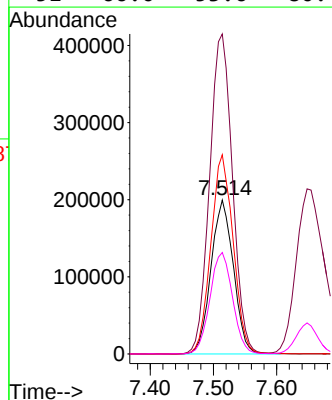
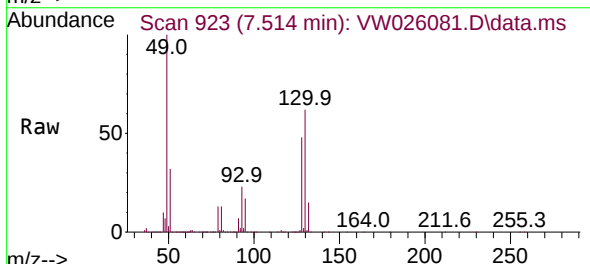
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

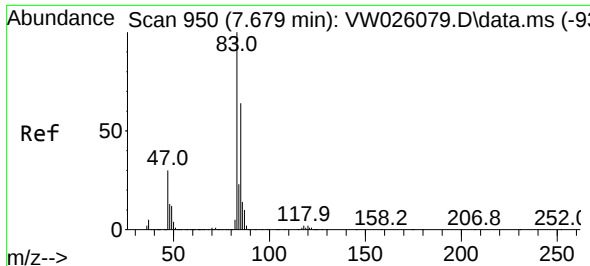
Tgt Ion: 43 Resp: 781185
Ion Ratio Lower Upper
43 100
72 24.7 12.4 37.4



#23
Bromochloromethane
Concen: 92.732 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 128 Resp: 491640
Ion Ratio Lower Upper
128 100
49 208.0 140.6 261.0
130 129.5 86.0 159.6
51 66.0 53.6 80.4

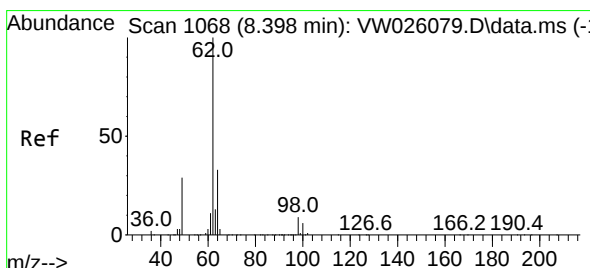
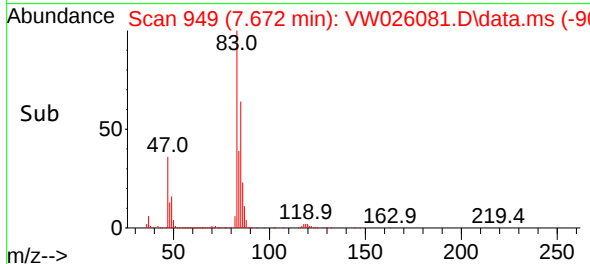
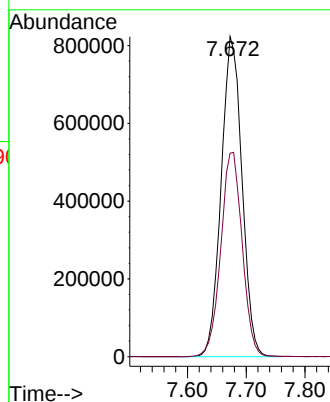
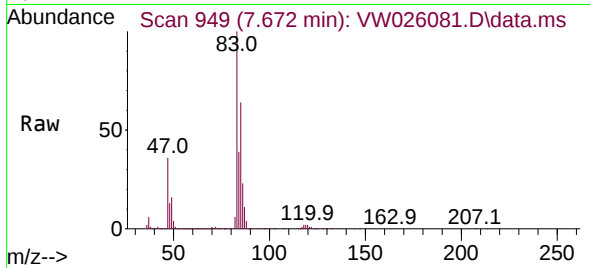




#25
Chloroform
Concen: 90.909 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

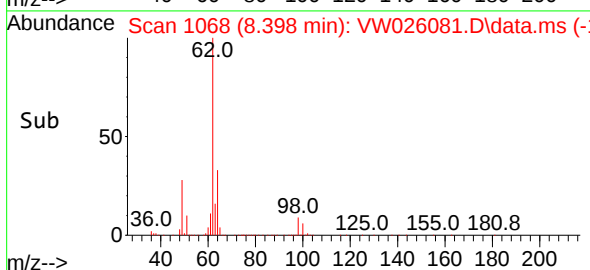
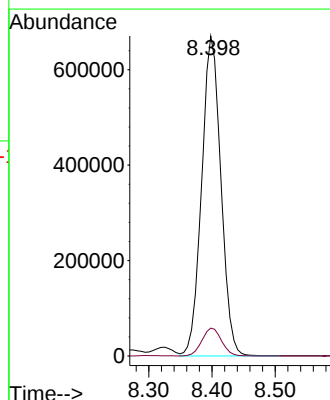
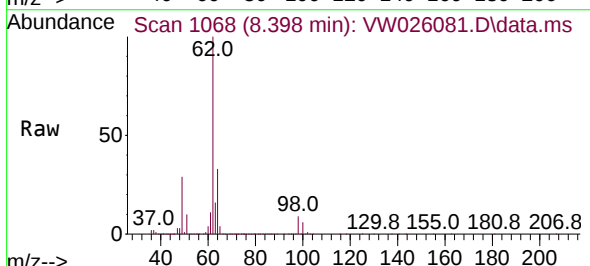
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

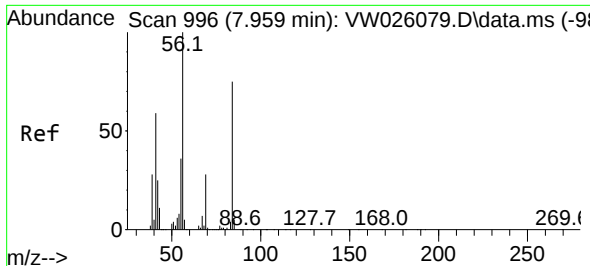
Tgt Ion: 83 Resp: 2023087
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 92.670 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 62 Resp: 1422329
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.2

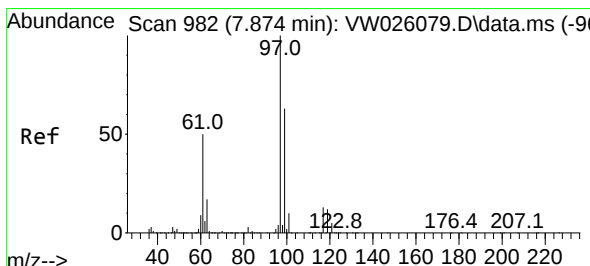
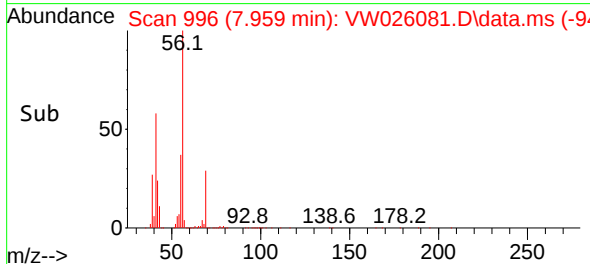
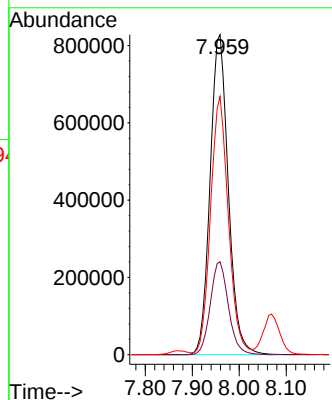
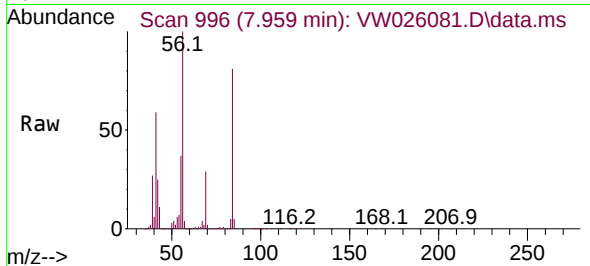




#29
Cyclohexane
Concen: 97.747 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

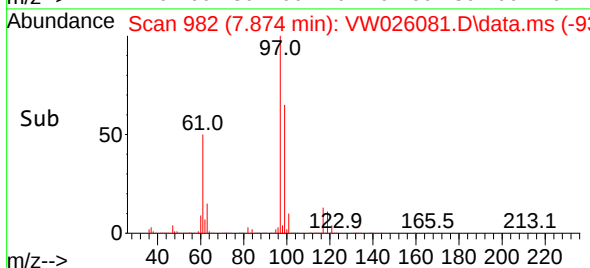
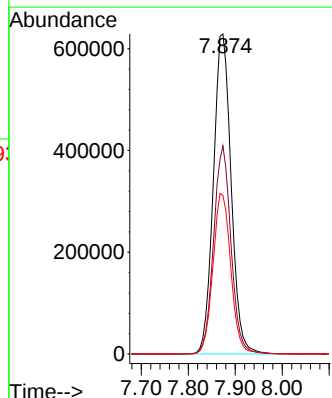
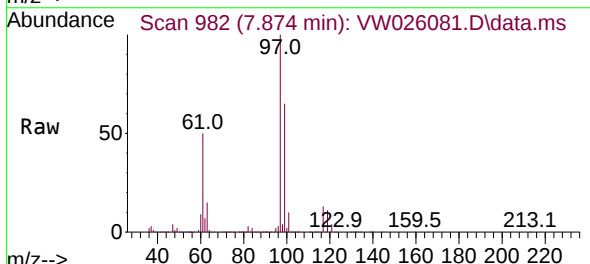
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

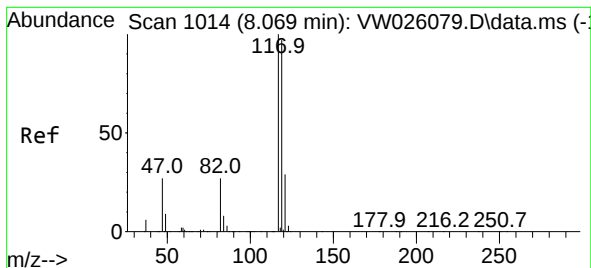
Tgt Ion: 56 Resp: 2224147
Ion Ratio Lower Upper
56 100
69 28.9 23.3 34.9
84 79.2 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 92.462 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 97 Resp: 1653748
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 50.5 40.5 60.7

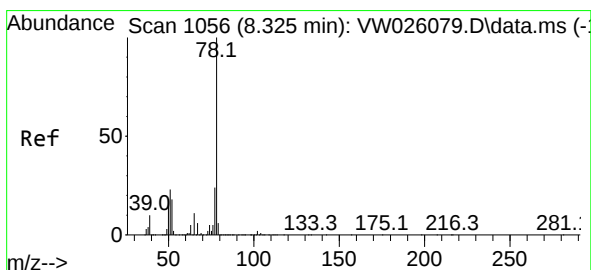
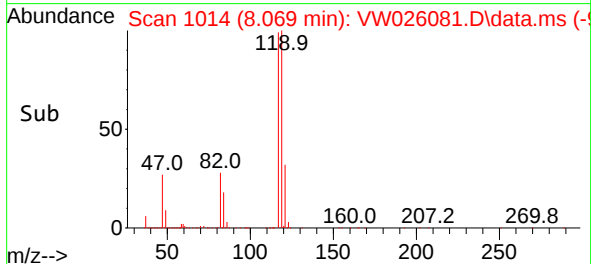
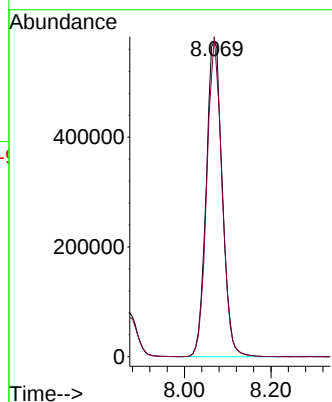
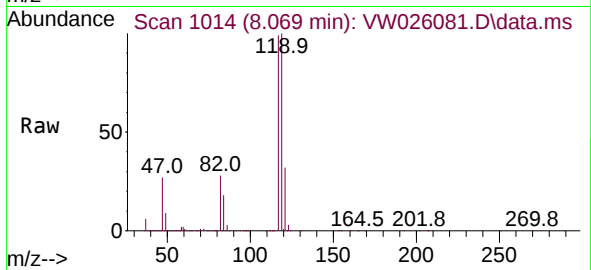




#31
Carbon tetrachloride
Concen: 91.041 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

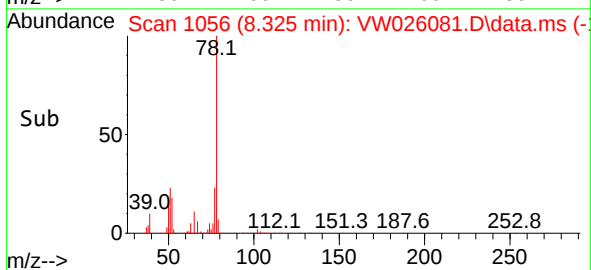
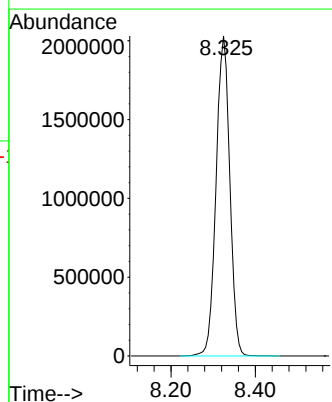
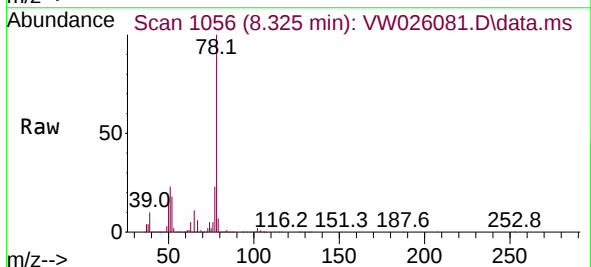
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

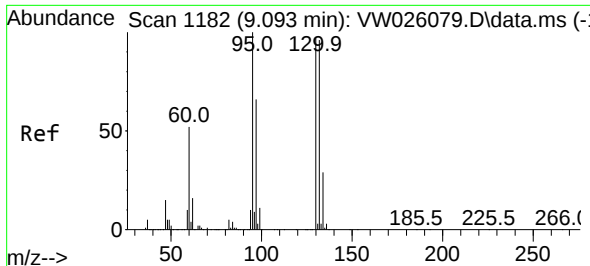
Tgt Ion:117 Resp: 1485912
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2



#33
Benzene
Concen: 90.406 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

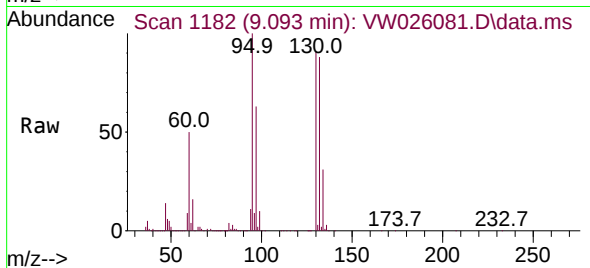
Tgt Ion: 78 Resp: 4564443





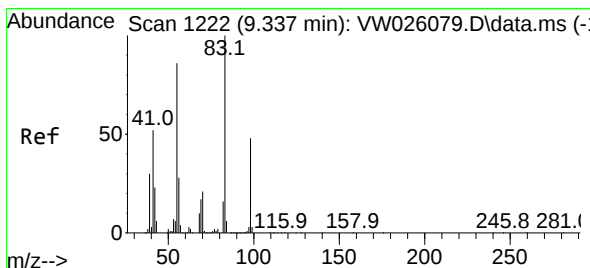
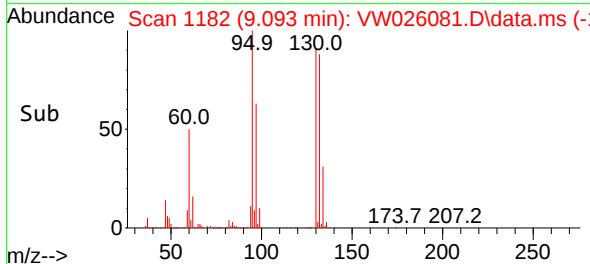
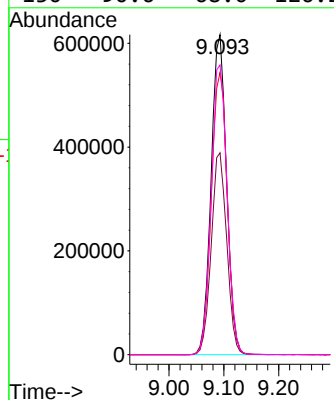
#34
Trichloroethene
Concen: 92.807 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD100461



Tgt Ion: 95 Resp: 1199824

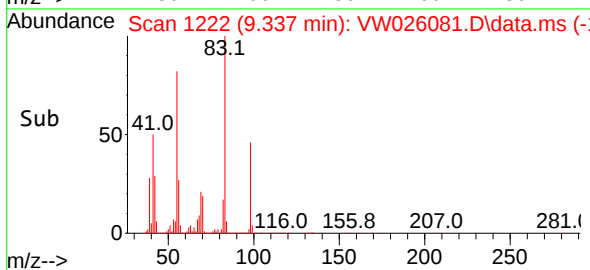
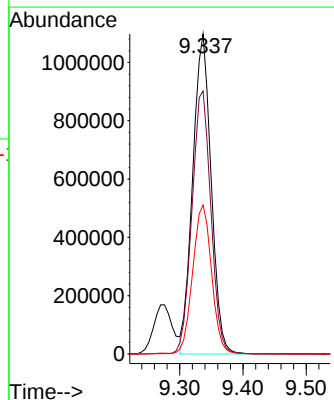
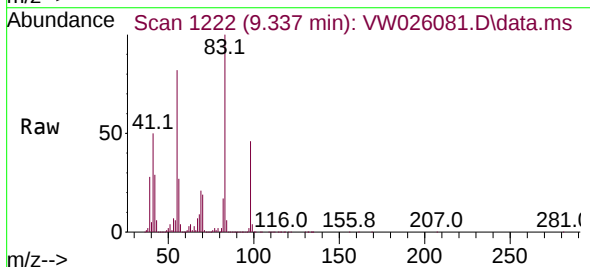
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.9	85.3
132	88.2	67.1	124.7
130	90.6	68.0	126.2

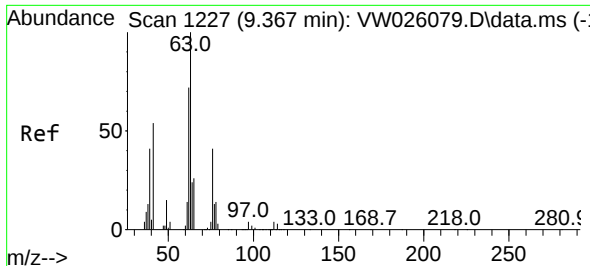


#35
Methylcyclohexane
Concen: 96.984 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 83 Resp: 2218634

Ion	Ratio	Lower	Upper
83	100		
55	84.5	68.2	102.4
98	47.8	38.1	57.1





#37

1,2-Dichloropropane

Concen: 91.749 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

MSVOA_W

ClientSampleId :

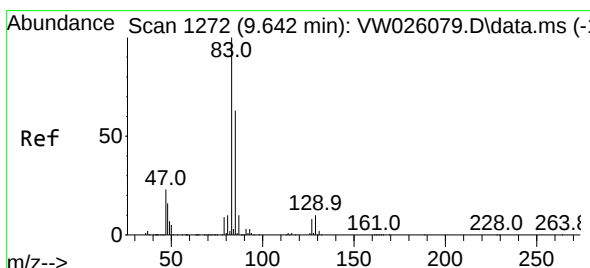
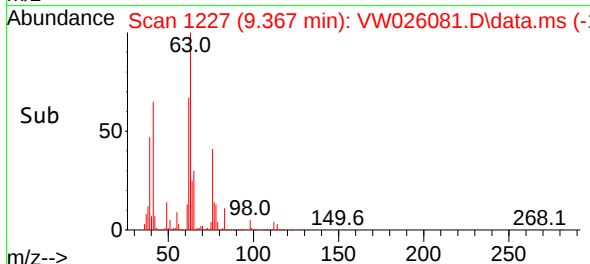
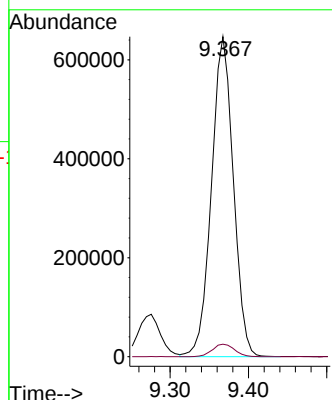
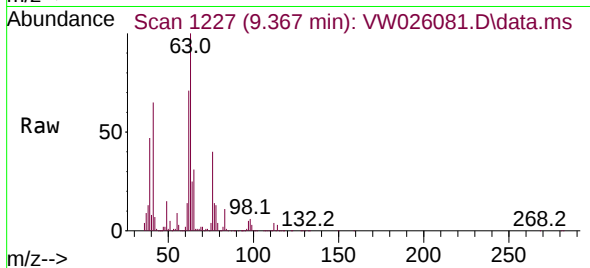
VSTD100461

Tgt Ion: 63 Resp: 1254676

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 94.632 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

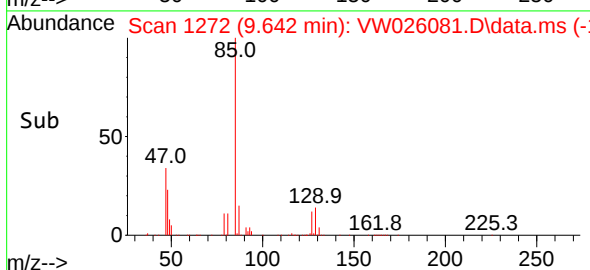
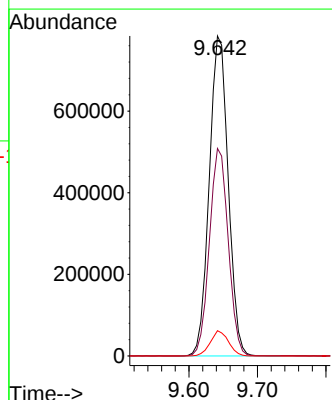
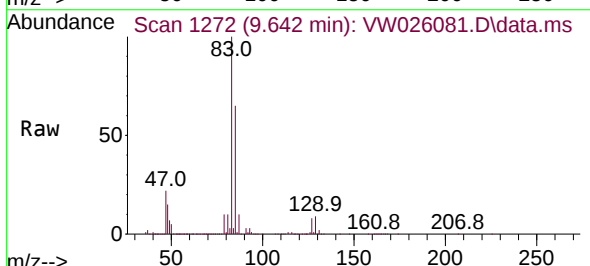
Tgt Ion: 83 Resp: 1503460

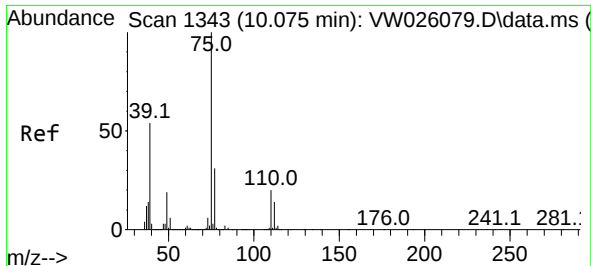
Ion Ratio Lower Upper

83 100

85 64.8 44.2 82.0

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 100.224 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

MSVOA_W

ClientSampleId :

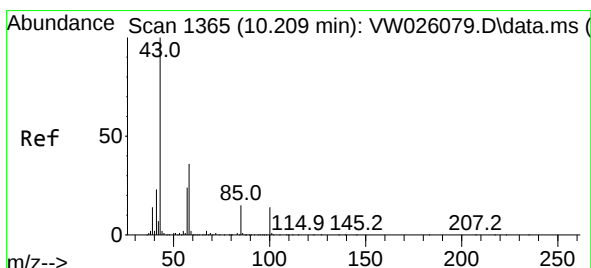
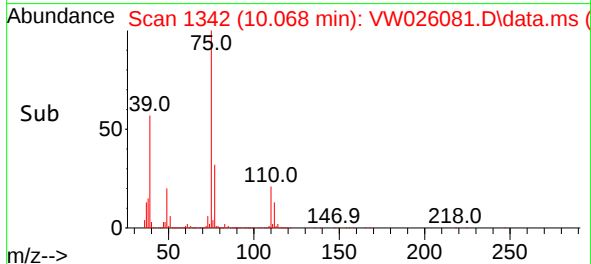
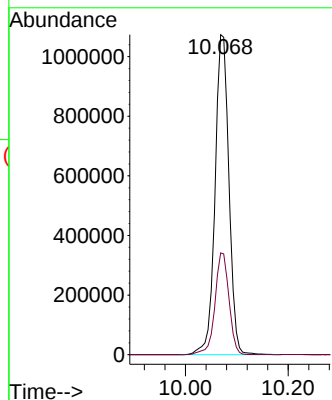
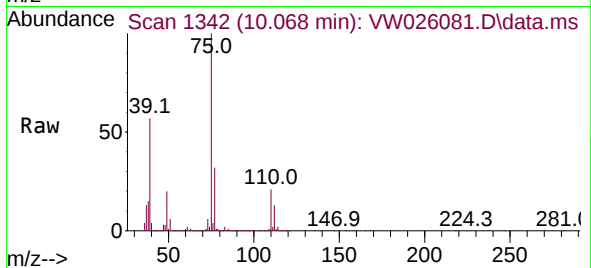
VSTD100461

Tgt Ion: 75 Resp: 2014109

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 213.661 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

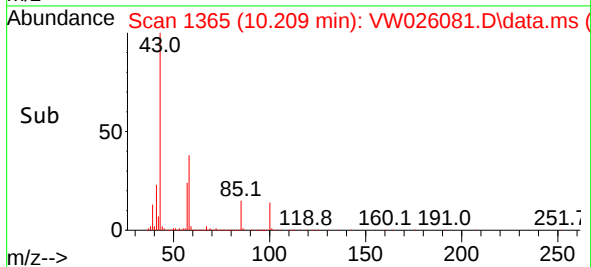
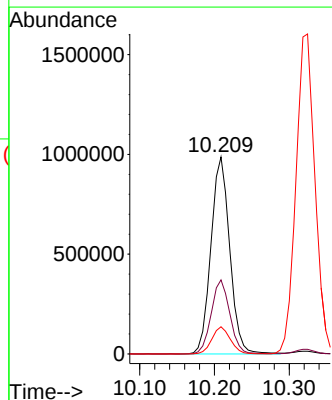
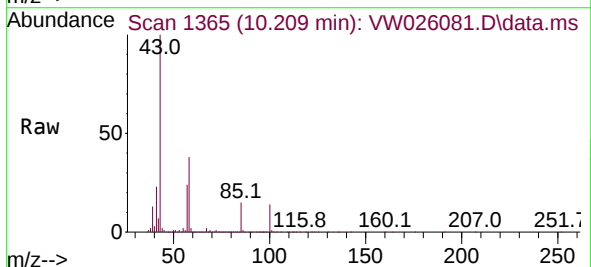
Tgt Ion: 43 Resp: 1722609

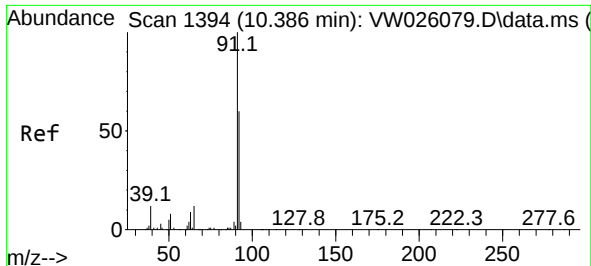
Ion Ratio Lower Upper

43 100

58 37.2 29.0 43.4

100 13.6 10.5 15.7

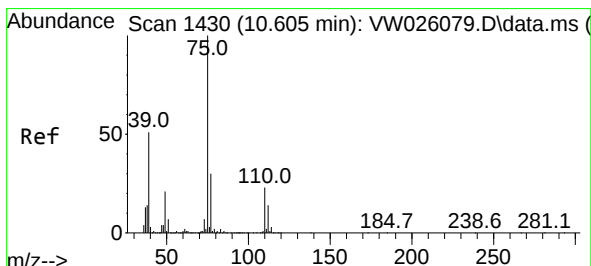
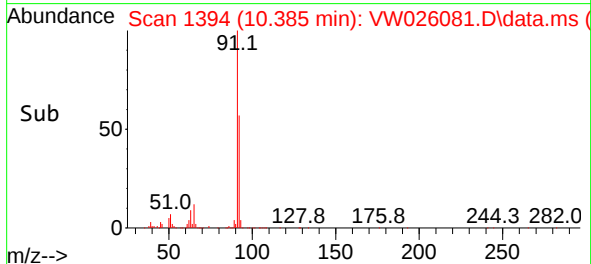
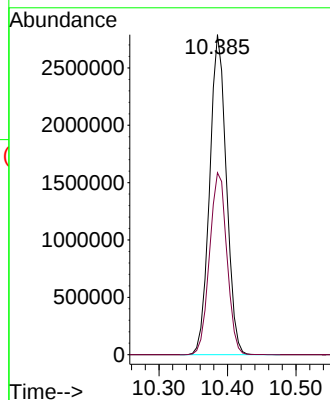
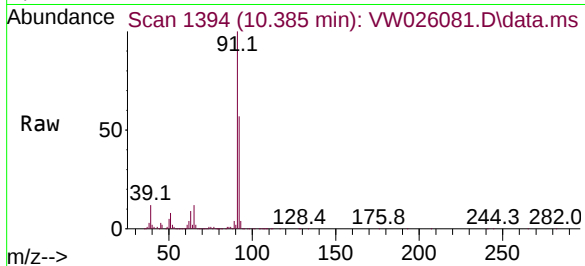




#42
Toluene
Concen: 91.508 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

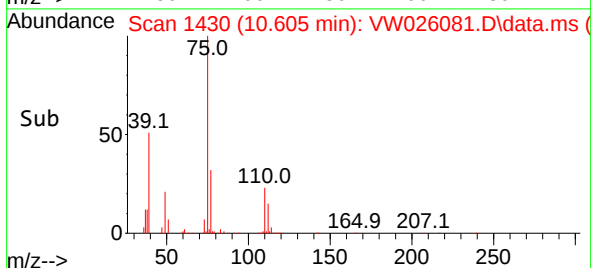
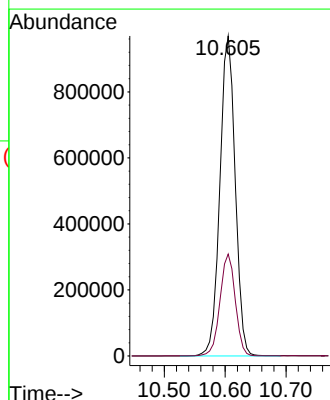
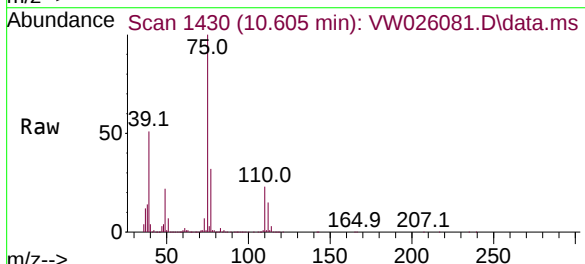
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

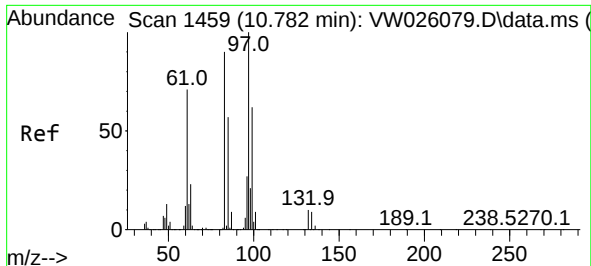
Tgt Ion: 91 Resp: 4725521
Ion Ratio Lower Upper
91 100
92 56.9 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 100.952 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 75 Resp: 1690146
Ion Ratio Lower Upper
75 100
77 31.9 21.1 39.3



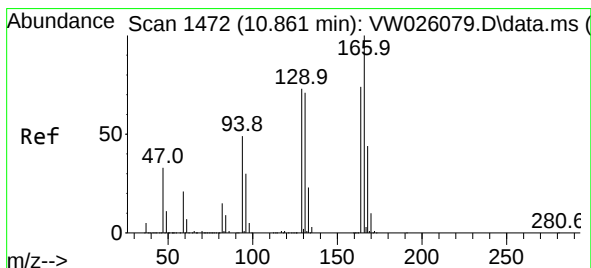
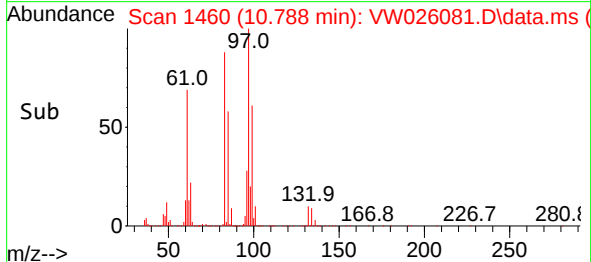
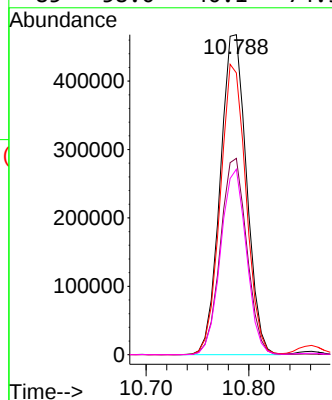
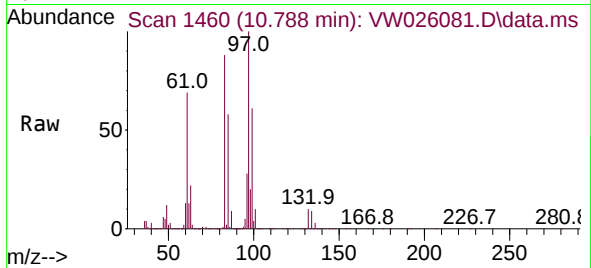


#45
1,1,2-Trichloroethane
Concen: 92.500 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

Tgt Ion: 97 Resp: 833671

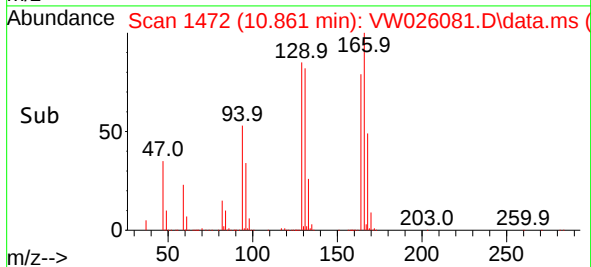
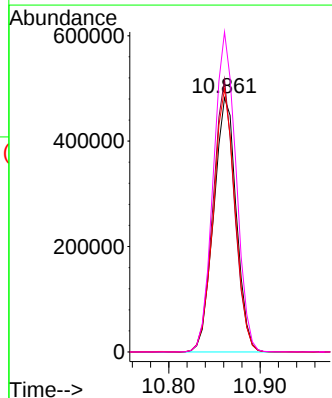
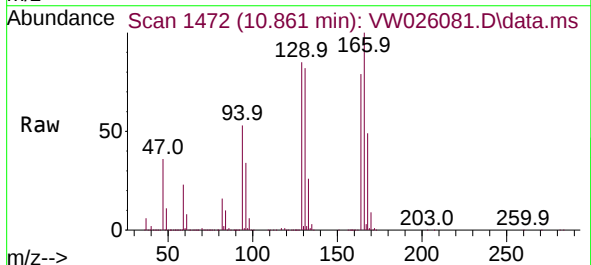
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.3	80.5
83	88.1	62.9	116.9
85	58.0	40.1	74.5

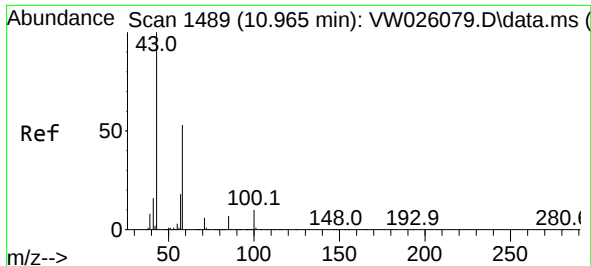


#46
Tetrachloroethene
Concen: 90.668 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 164 Resp: 829093

Ion	Ratio	Lower	Upper
164	100		
129	107.3	68.5	127.1
131	103.7	67.1	124.7
166	125.9	94.1	174.8

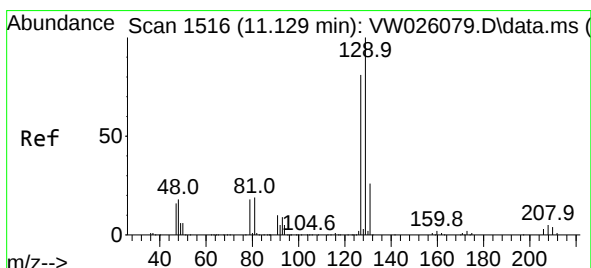
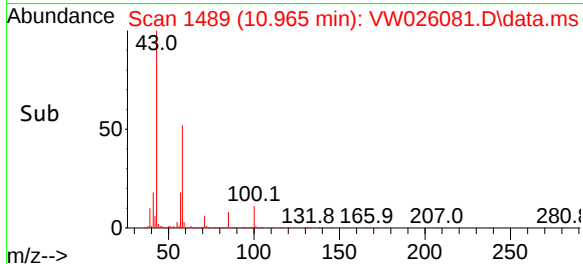
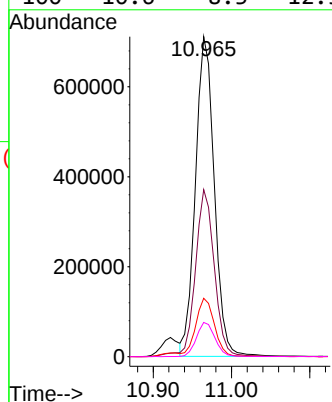
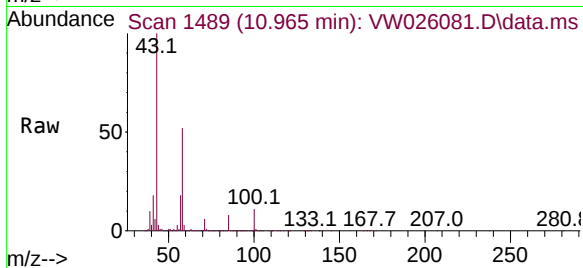




#48
2-Hexanone
Concen: 209.780 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

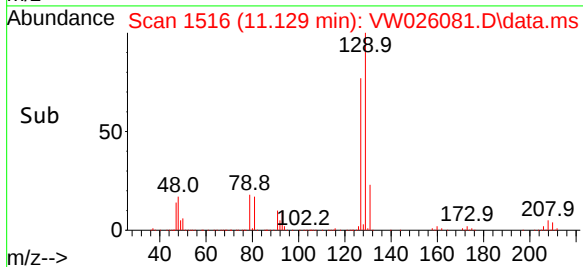
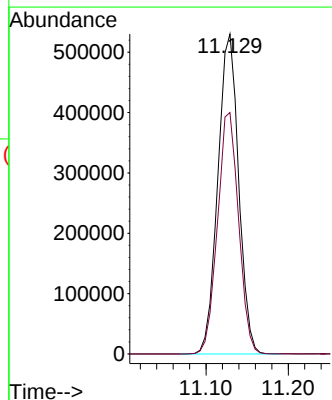
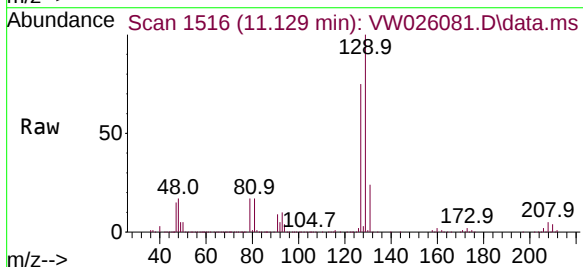
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

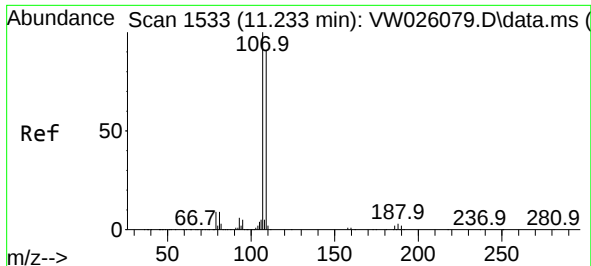
Tgt Ion: 43 Resp: 1192541
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 18.2 14.2 21.2
100 10.6 8.3 12.5



#49
Dibromochloromethane
Concen: 98.472 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 129 Resp: 930499
Ion Ratio Lower Upper
129 100
127 75.4 56.9 105.7





#50

1,2-Dibromoethane

Concen: 96.124 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD100461

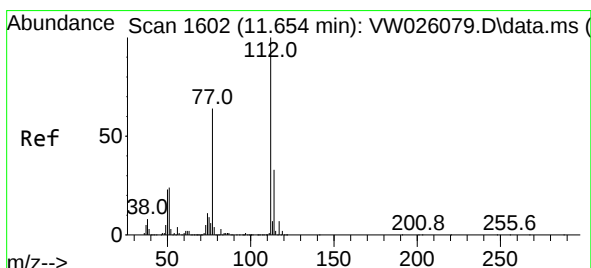
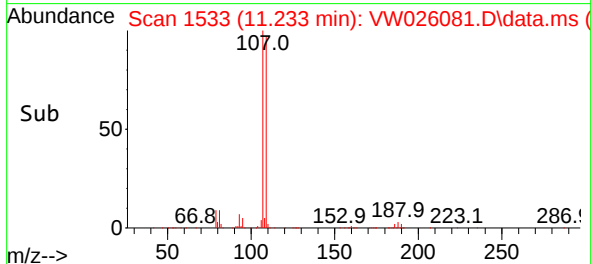
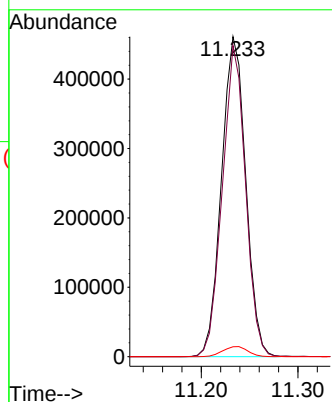
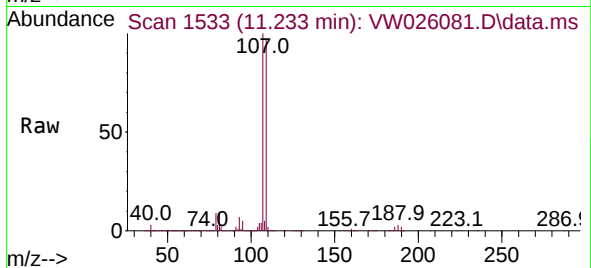
Tgt Ion:107 Resp: 802156

Ion Ratio Lower Upper

107 100

109 97.2 64.0 119.0

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 90.556 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

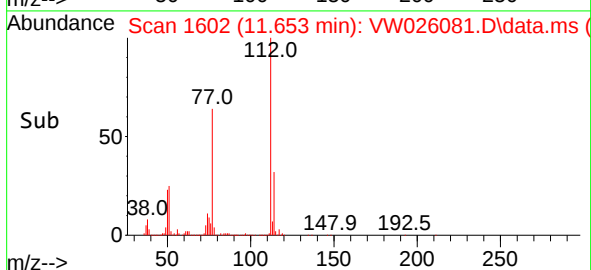
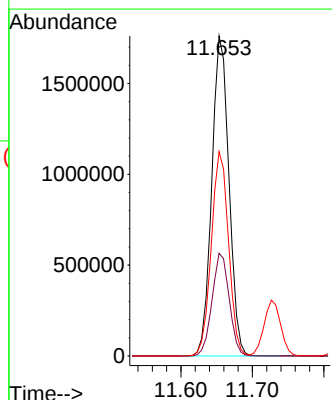
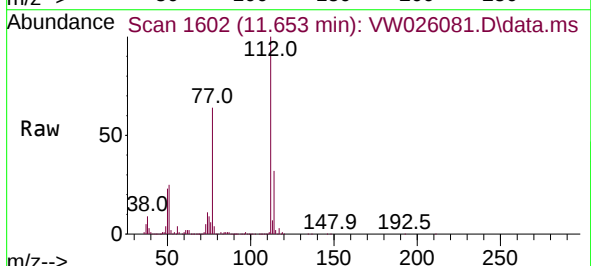
Tgt Ion:112 Resp: 2930394

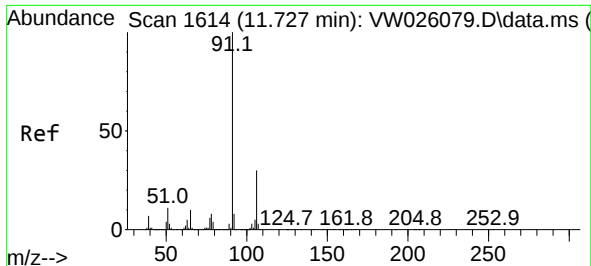
Ion Ratio Lower Upper

112 100

114 32.1 23.0 42.6

77 63.8 50.9 76.3

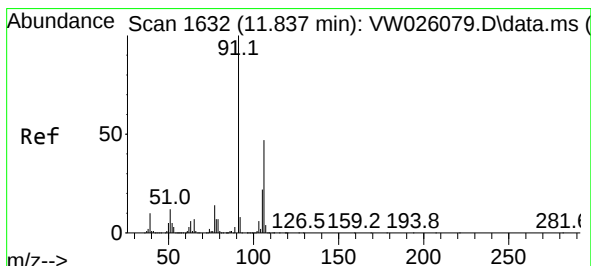
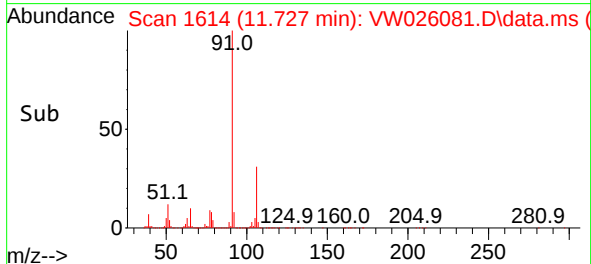
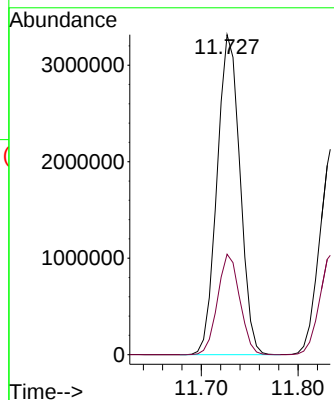
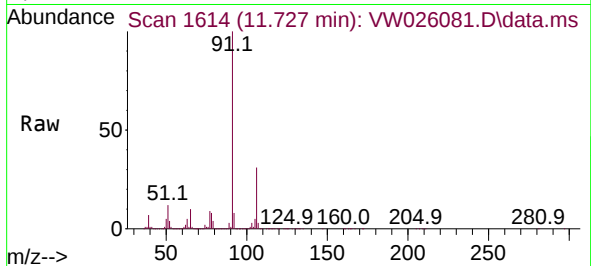




#52
Ethylbenzene
Concen: 93.444 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

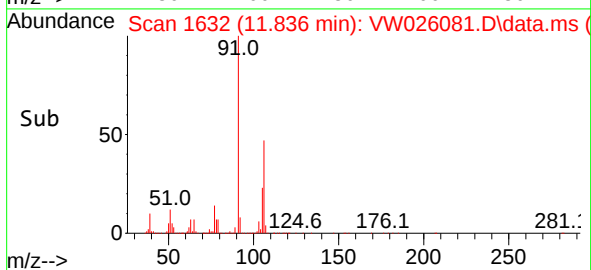
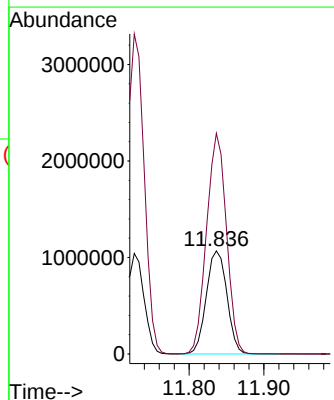
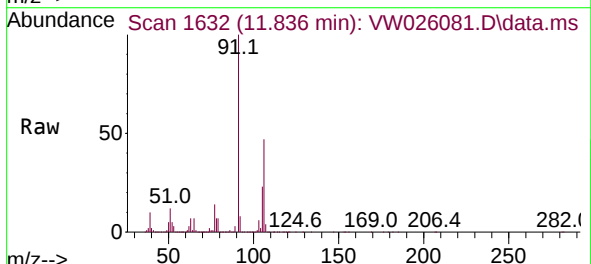
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

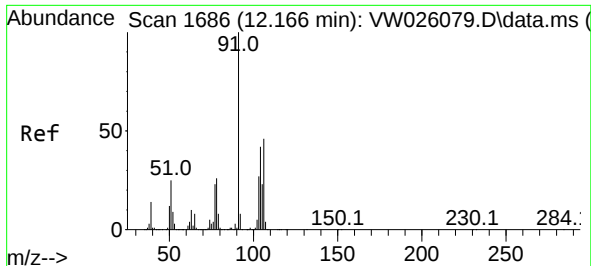
Tgt Ion: 91 Resp: 5443418
Ion Ratio Lower Upper
91 100
106 31.4 21.2 39.4



#53
m,p-Xylene
Concen: 94.364 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion: 106 Resp: 2044959
Ion Ratio Lower Upper
106 100
91 214.0 149.5 277.7

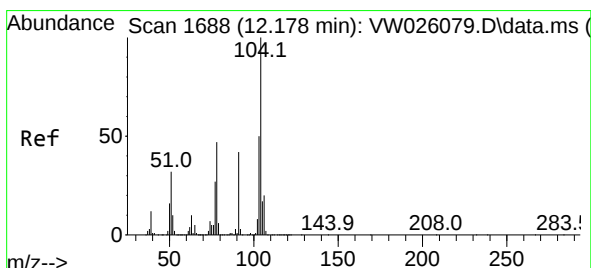
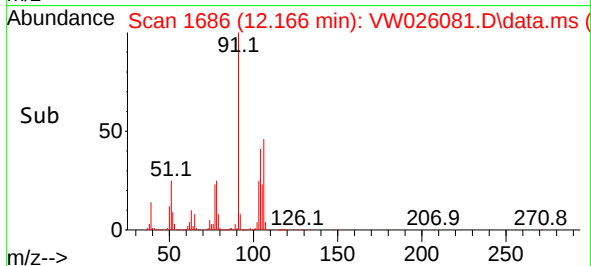
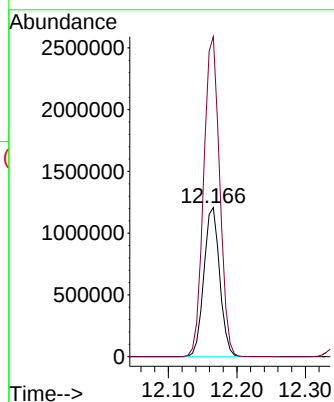
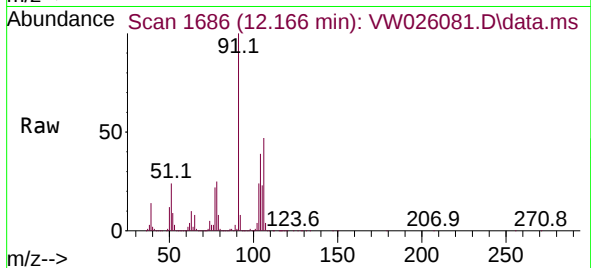




#54
o-Xylene
Concen: 94.769 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

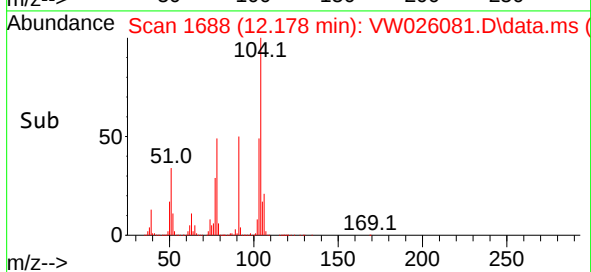
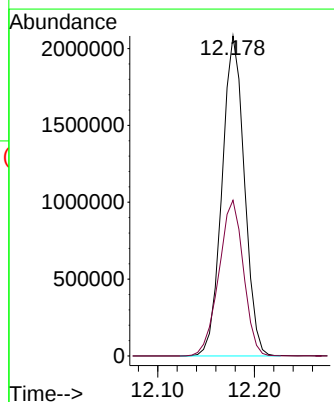
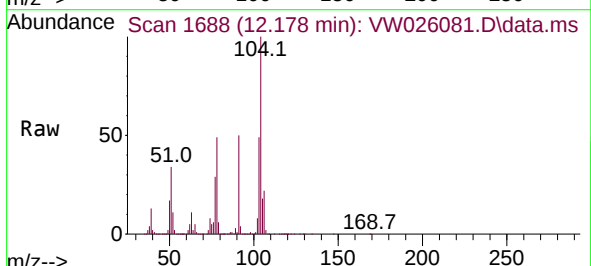
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

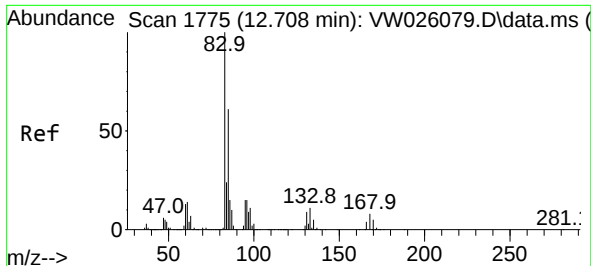
Tgt Ion:106 Resp: 1938402
Ion Ratio Lower Upper
106 100
91 214.5 150.9 280.3



#55
Styrene
Concen: 95.154 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion:104 Resp: 3339012
Ion Ratio Lower Upper
104 100
78 48.7 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 92.955 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD100461

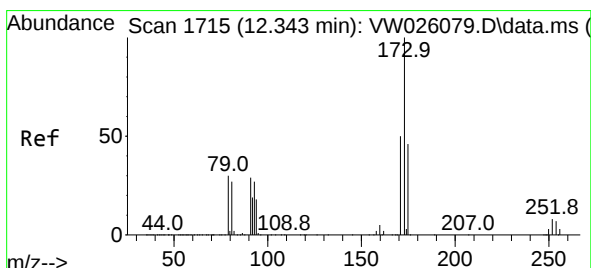
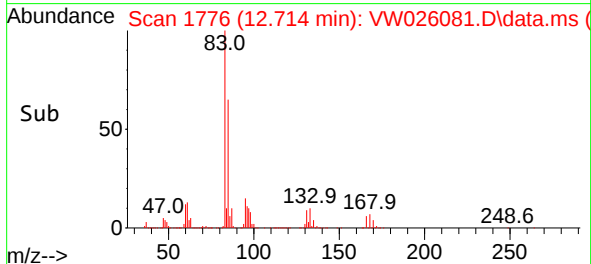
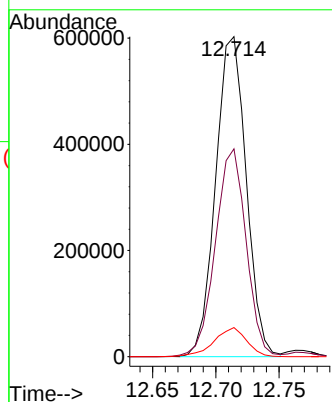
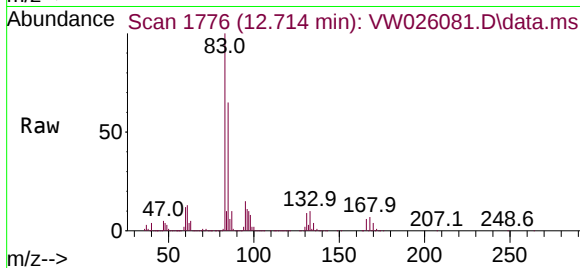
Tgt Ion: 83 Resp: 1013879

Ion Ratio Lower Upper

83 100

85 64.9 42.6 79.0

131 9.1 7.2 10.8



#59

Bromoform

Concen: 102.610 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

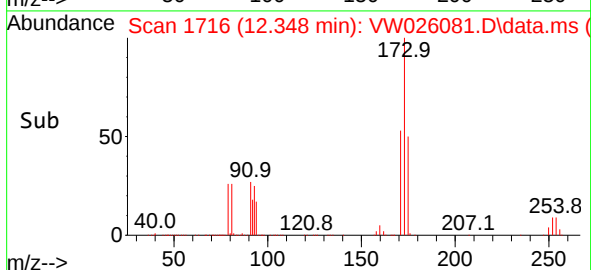
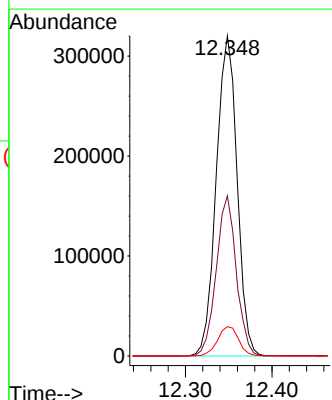
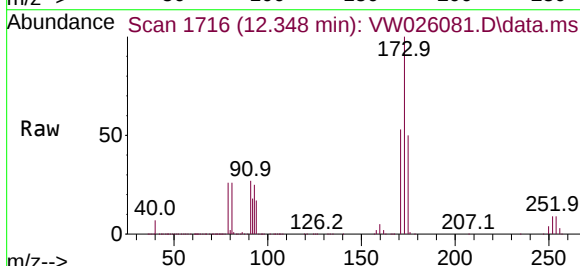
Tgt Ion:173 Resp: 535198

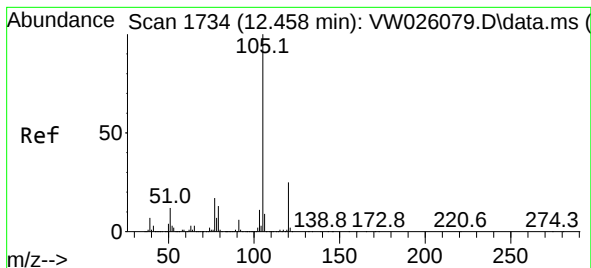
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

254 9.3 7.4 11.0





#60

Isopropylbenzene

Concen: 95.442 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD100461

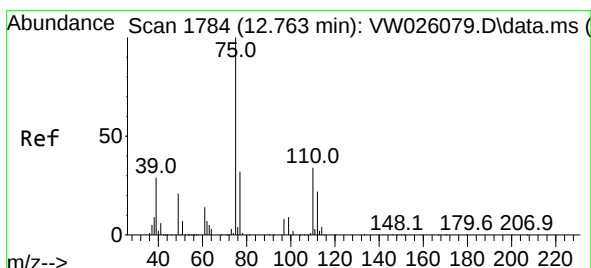
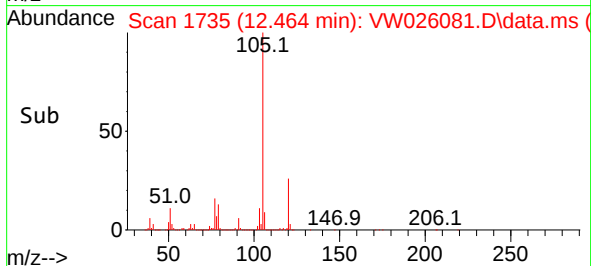
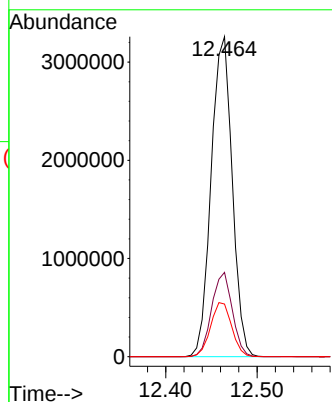
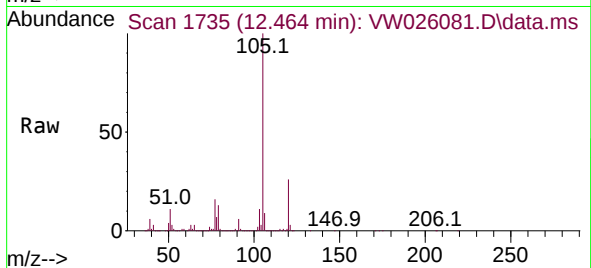
Tgt Ion:105 Resp: 5206628

Ion Ratio Lower Upper

105 100

120 25.8 19.8 29.8

77 17.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 95.178 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

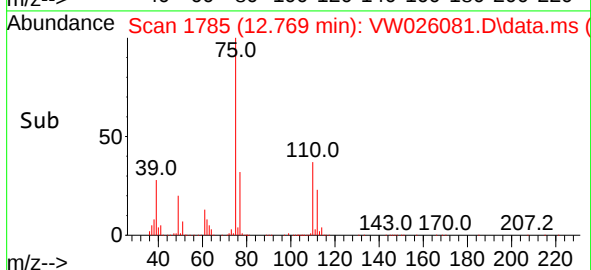
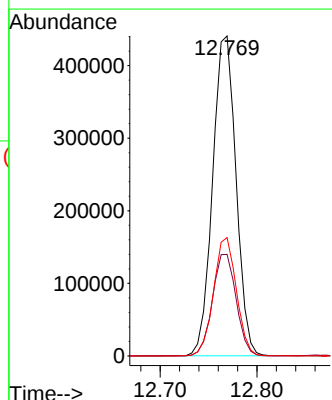
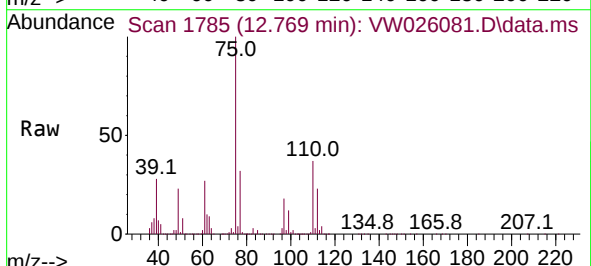
Tgt Ion: 75 Resp: 740353

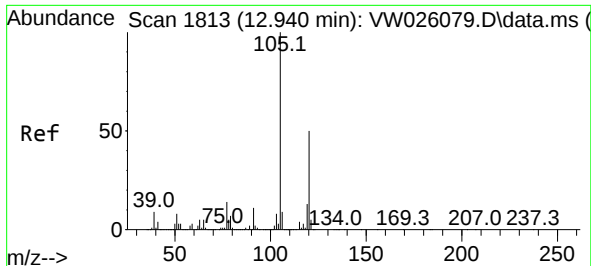
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

110 36.1 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 100.643 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

MSVOA_W

ClientSampleId :

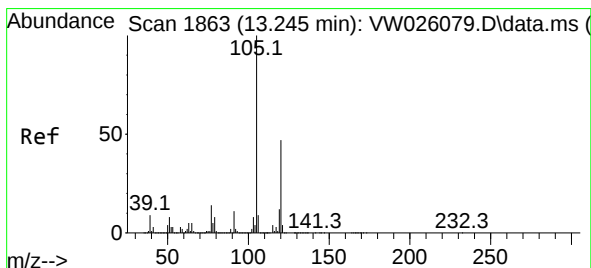
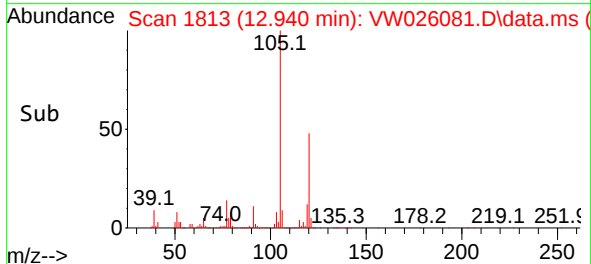
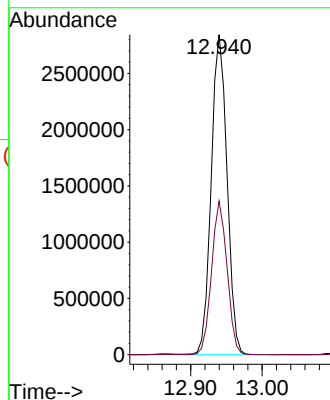
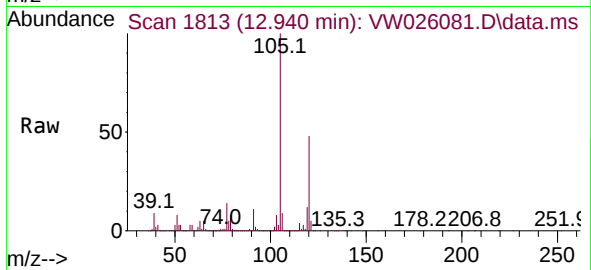
VSTD100461

Tgt Ion:105 Resp: 4364596

Ion Ratio Lower Upper

105 100

120 47.0 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 97.941 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026081.D

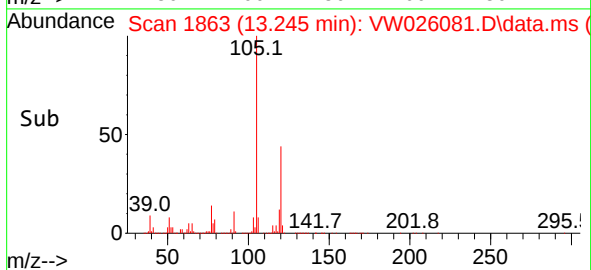
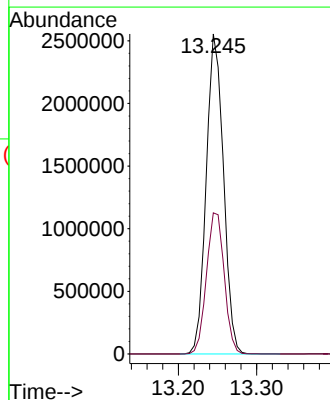
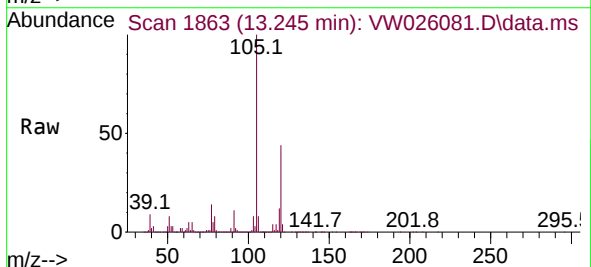
Acq: 30 May 2023 10:35

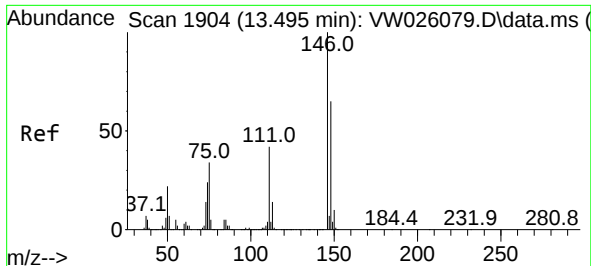
Tgt Ion:105 Resp: 3890215

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2

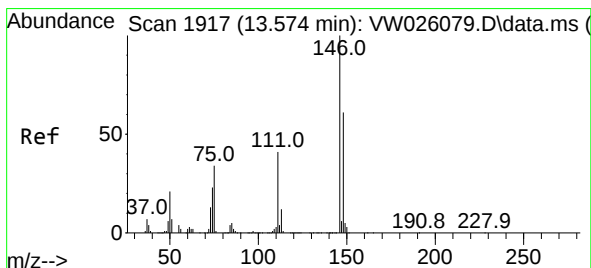
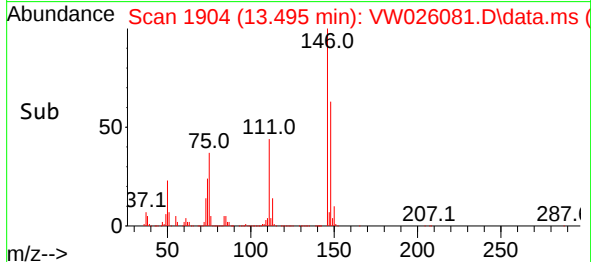
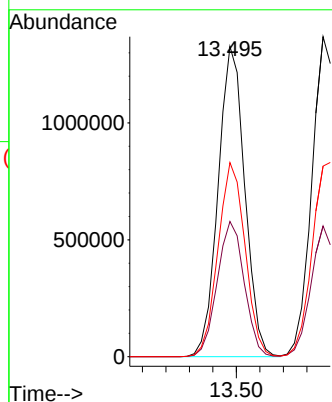
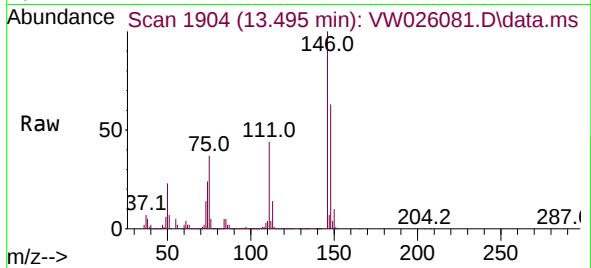




#64
1,3-Dichlorobenzene
Concen: 91.296 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

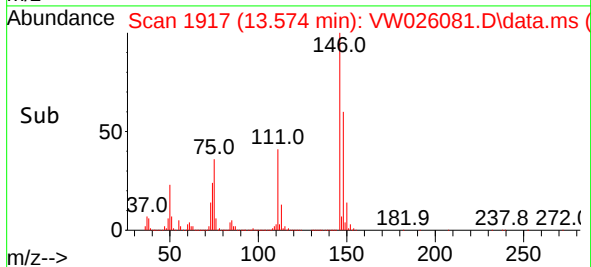
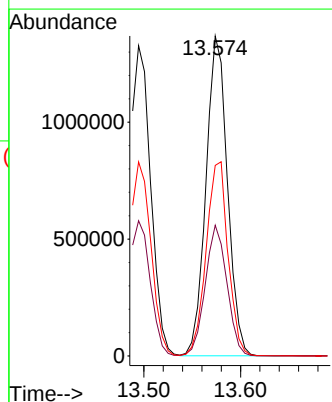
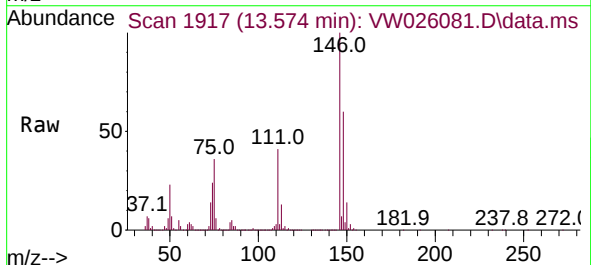
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

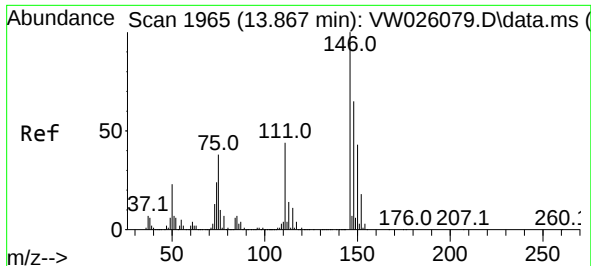
Tgt Ion:146 Resp: 2094099
Ion Ratio Lower Upper
146 100
111 43.6 29.7 55.1
148 62.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 91.501 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion:146 Resp: 2113039
Ion Ratio Lower Upper
146 100
111 40.8 29.2 54.2
148 59.5 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 93.290 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD100461

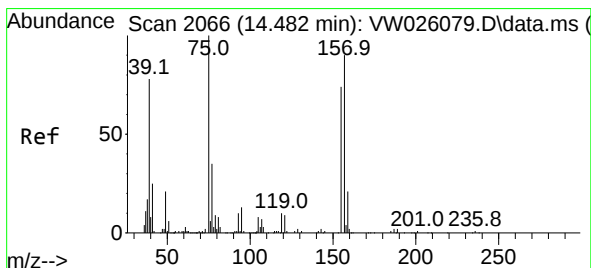
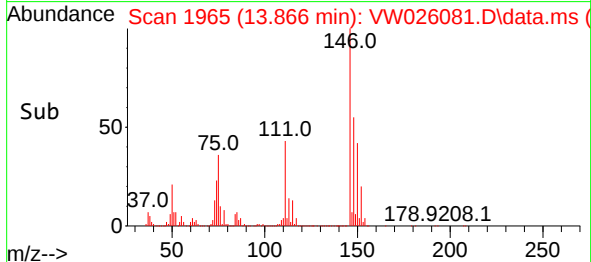
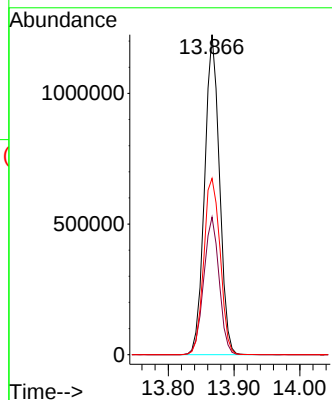
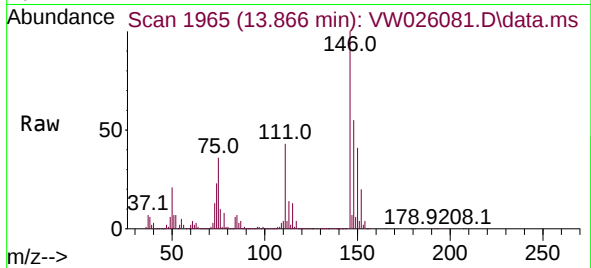
Tgt Ion:146 Resp: 1921545

Ion Ratio Lower Upper

146 100

111 43.0 35.4 53.0

148 55.1 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 101.615 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026081.D

Acq: 30 May 2023 10:35

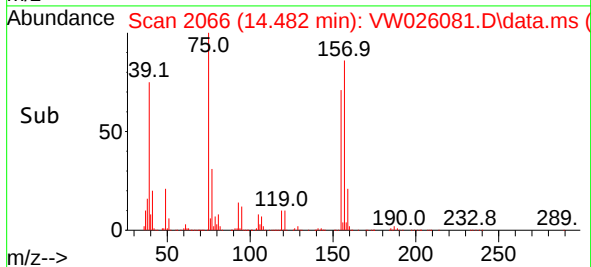
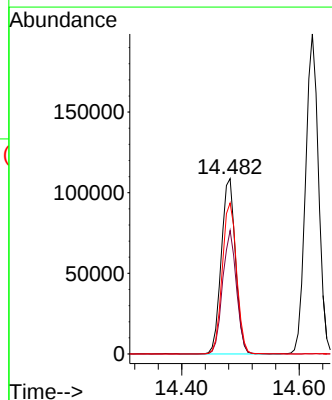
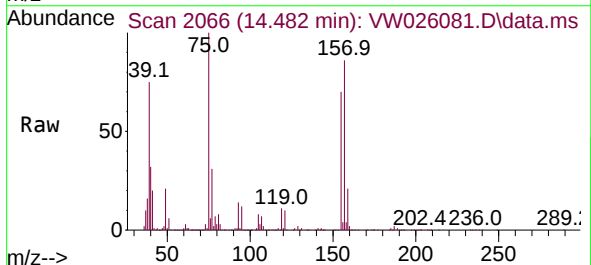
Tgt Ion: 75 Resp: 183131

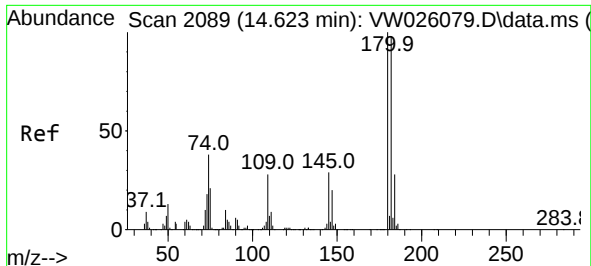
Ion Ratio Lower Upper

75 100

155 70.5 59.0 88.6

157 86.2 71.7 107.5

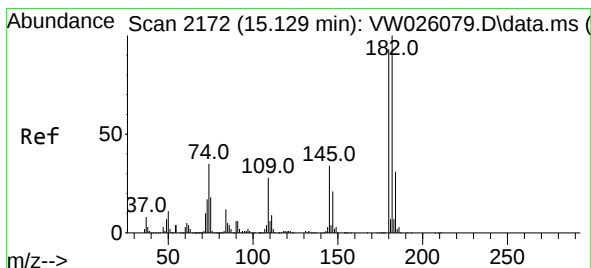
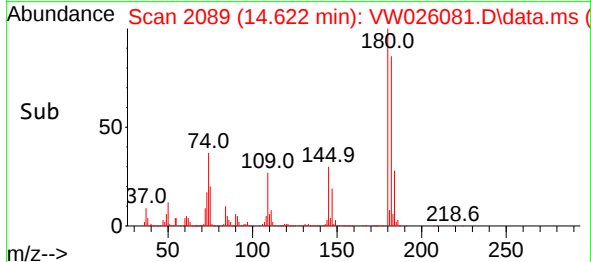
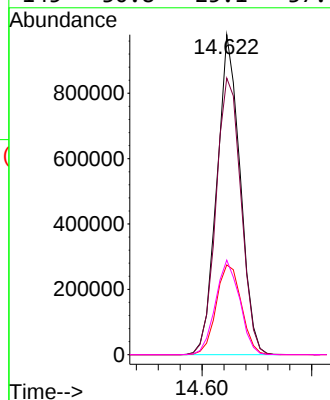
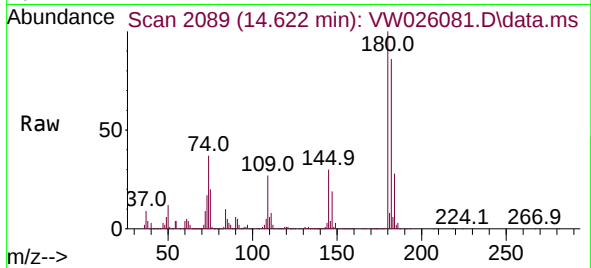




#69
1,3,5-Trichlorobenzene
Concen: 91.499 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

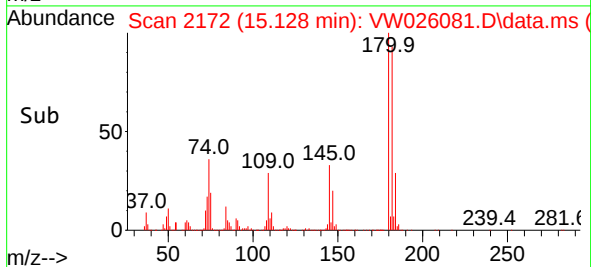
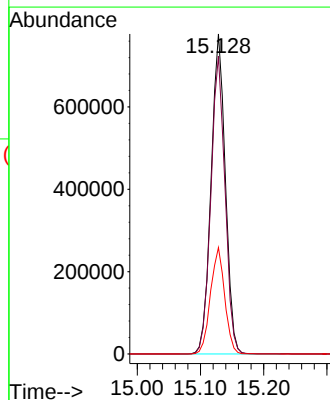
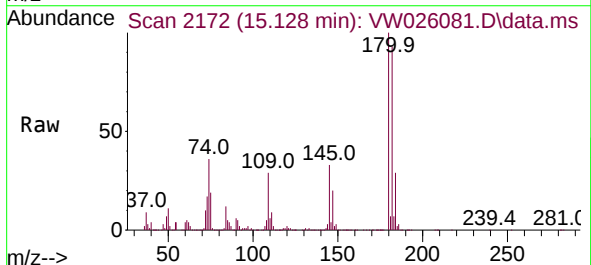
Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

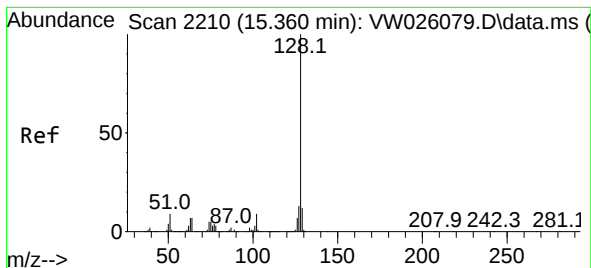
Tgt Ion:180 Resp: 1441691
Ion Ratio Lower Upper
180 100
182 93.2 77.0 115.4
184 30.4 23.7 35.5
145 30.8 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 93.804 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion:180 Resp: 1219585
Ion Ratio Lower Upper
180 100
182 92.1 78.9 118.3
145 33.2 27.2 40.8

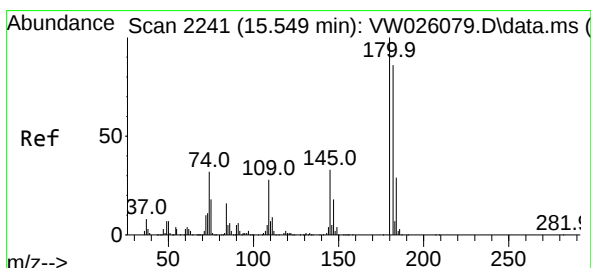
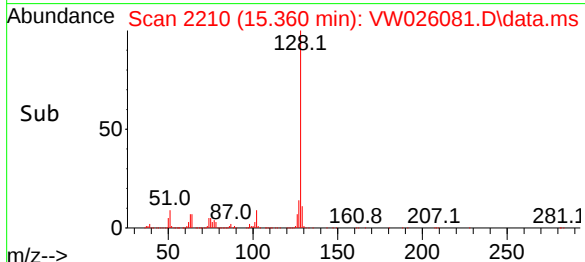
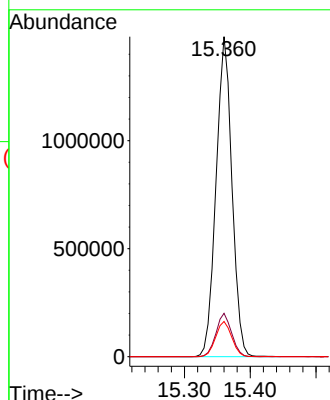
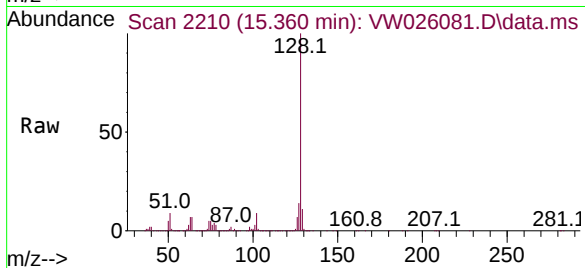




#71
Naphthalene
Concen: 107.518 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD100461

Tgt Ion:128 Resp: 2491419
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 92.608 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026081.D
Acq: 30 May 2023 10:35

Tgt Ion:180 Resp: 1052274
Ion Ratio Lower Upper
180 100
182 97.1 76.3 114.5
145 35.3 27.0 40.6

