

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025645.D
 Acq On : 24 Apr 2023 08:36
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

Quant Time: Apr 25 01:02:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 05:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	658887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	589676	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291017	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	203728	19.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.000%
7) Chloroethane-d5	2.558	69	383	0.050	ug/L	-0.34
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	4.021	63	471714	21.755	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.000%
21) 2-Butanone-d5	7.081	46	118599	49.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.160%
24) Chloroform-d	7.648	84	441497	23.865	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	8.307	65	226224	23.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.276	84	854177	22.371	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.270	67	271689	22.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	10.325	98	759687	22.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	10.575	79	102008	22.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.922	63	84433	51.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201552	25.083	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	228097	22.815	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	216398	23.486	ug/L	100
3) Chloromethane	2.222	50	279304	26.128	ug/L	99
5) Vinyl chloride	2.375	62	313833	26.557	ug/L	94
6) Bromomethane	2.789	94	160962	25.321	ug/L	100
8) Chloroethane	2.936	64	176990	26.742	ug/L	95
9) Trichlorofluoromethane	3.271	101	248192	27.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	255966	28.018	ug/L	98
12) 1,1-Dichloroethene	4.039	96	244448	26.732	ug/L	97
13) Acetone	4.131	43	120979	59.760	ug/L	99
14) Carbon disulfide	4.387	76	776551	24.070	ug/L	99
15) Methyl Acetate	4.673	43	116370	25.586	ug/L	97
16) Methylene chloride	4.911	84	268211	25.609	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	252181	25.939	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	355509	26.497	ug/L	99
19) 1,1-Dichloroethane	6.216	63	529425	27.256	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	266244	26.320	ug/L #	98
22) 2-Butanone	7.173	43	160646	55.821	ug/L	99
23) Bromochloromethane	7.514	128	109977	26.511	ug/L	92
25) Chloroform	7.673	83	489389	27.551	ug/L	96

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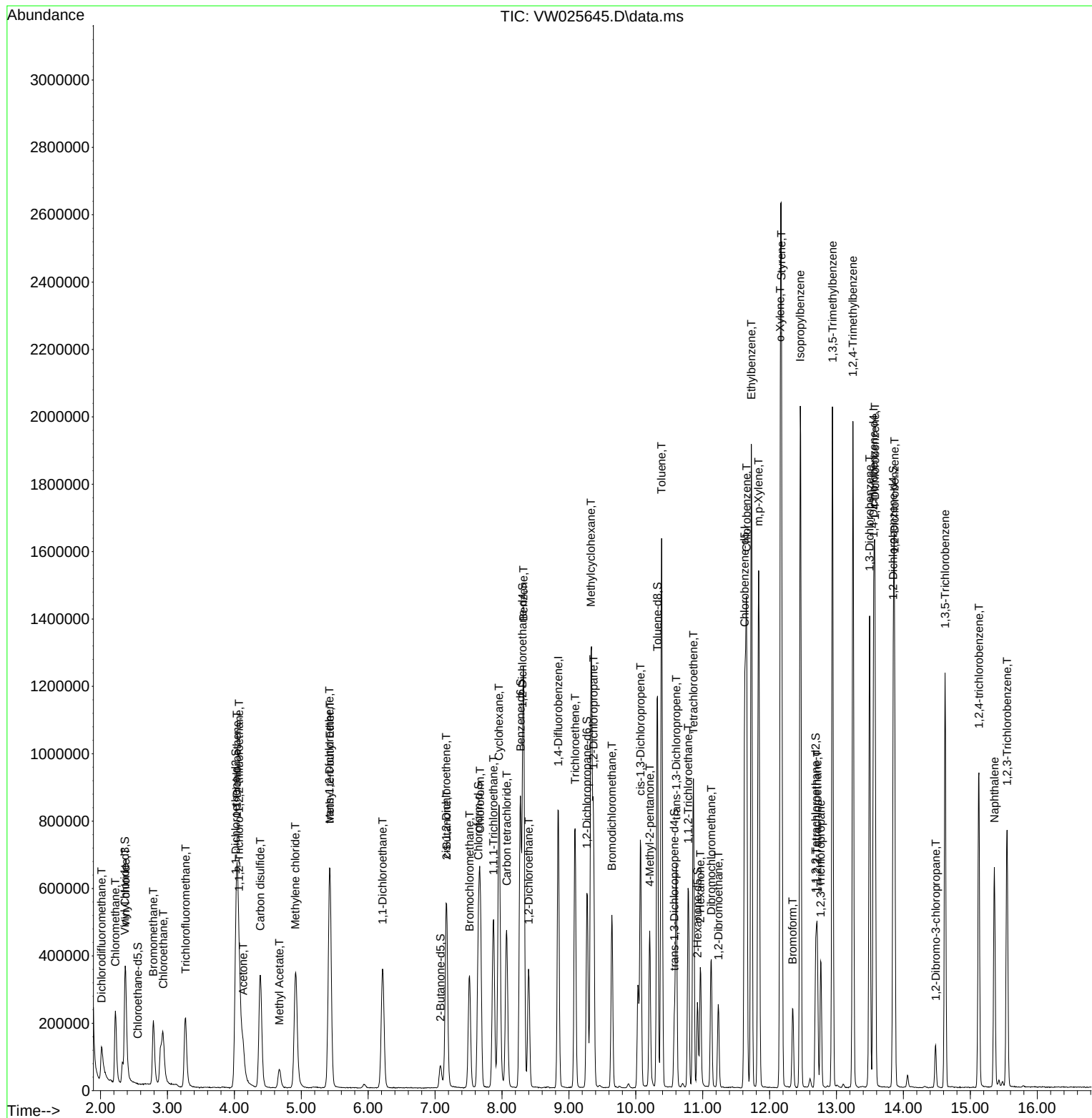
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319395	26.795	ug/L	100
29) Cyclohexane	7.953	56	493140	25.838	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	401134	27.378	ug/L	100
31) Carbon tetrachloride	8.069	117	356958	26.978	ug/L	99
33) Benzene	8.319	78	1087974	26.508	ug/L	100
34) Trichloroethene	9.093	95	280359	26.261	ug/L	97
35) Methylcyclohexane	9.331	83	498944	25.882	ug/L	99
37) 1,2-Dichloropropane	9.367	63	295170	27.231	ug/L	99
38) Bromodichloromethane	9.642	83	331658	26.742	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	427243	27.478	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	324413	52.874	ug/L	99
42) Toluene	10.386	91	1143349	27.357	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	346831	27.050	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	185977	26.908	ug/L	98
46) Tetrachloroethene	10.861	164	195029	25.974	ug/L	95
48) 2-Hexanone	10.965	43	235974	55.664	ug/L	96
49) Dibromochloromethane	11.129	129	194182	26.684	ug/L	100
50) 1,2-Dibromoethane	11.233	107	166533	26.224	ug/L	98
51) Chlorobenzene	11.654	112	681341	26.456	ug/L	99
52) Ethylbenzene	11.727	91	1288743	27.249	ug/L	96
53) m,p-Xylene	11.837	106	473310	27.289	ug/L	95
54) o-Xylene	12.160	106	446788	27.536	ug/L	94
55) Styrene	12.178	104	777135	28.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	217333	26.252	ug/L	97
59) Bromoform	12.343	173	105798	26.530	ug/L	96
60) Isopropylbenzene	12.458	105	1290158	28.301	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	157062	26.040	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1024187	28.460	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	982114	28.342	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	527974	27.948	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	502132	26.027	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	455628	27.511	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	34005	25.701	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	334696	26.462	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	281834	27.430	ug/L	94
71) Naphthalene	15.360	128	525910	27.431	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	249013	27.720	ug/L	99

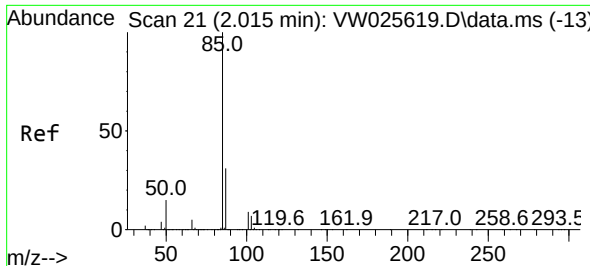
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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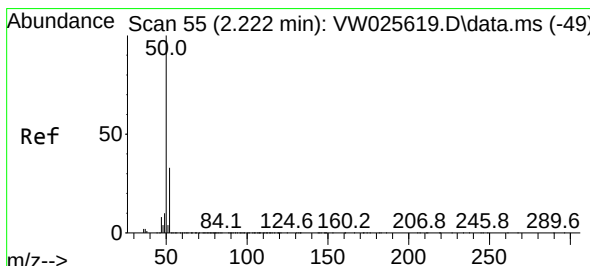
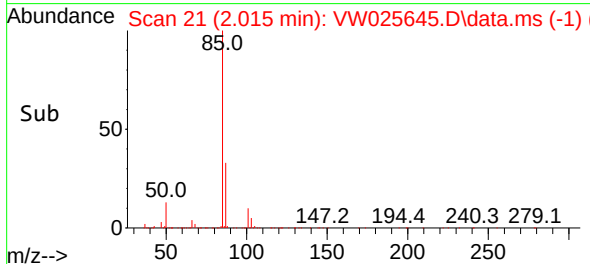
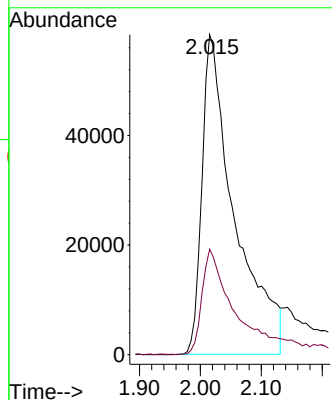
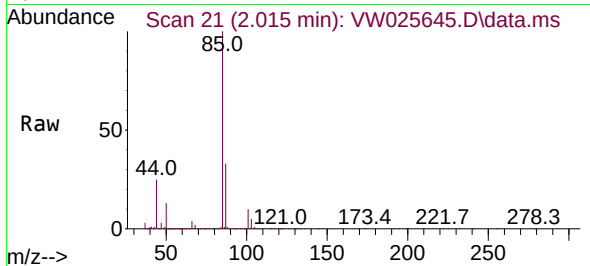




#2
Dichlorodifluoromethane
Concen: 23.486 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

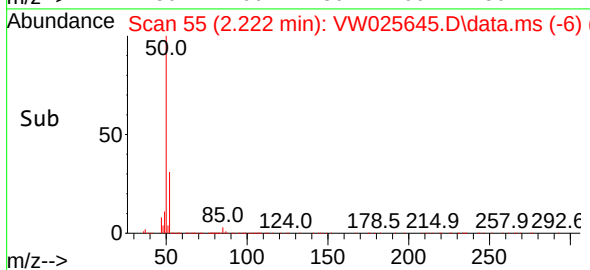
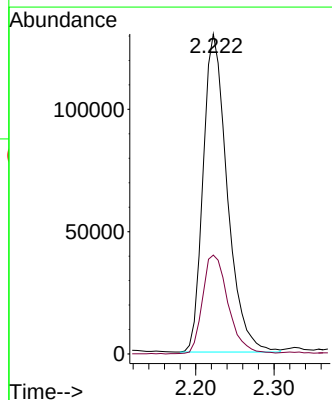
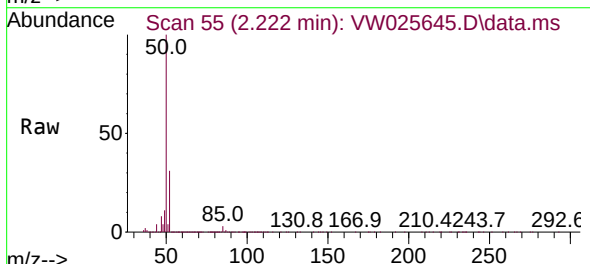
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MSVOA_W
ClientSampleId :
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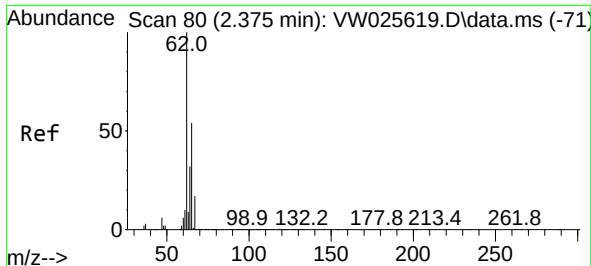
Tgt Ion: 85 Resp: 216398
Ion Ratio Lower Upper
85 100
87 31.0 24.6 37.0



#3
Chloromethane
Concen: 26.128 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 50 Resp: 279304
Ion Ratio Lower Upper
50 100
52 30.9 22.2 41.2

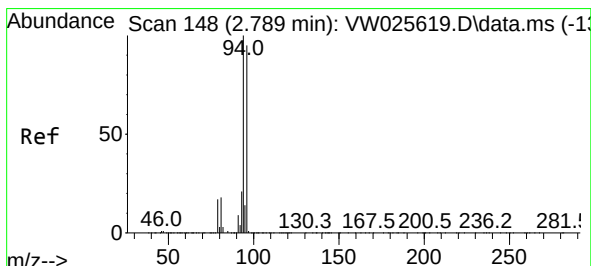
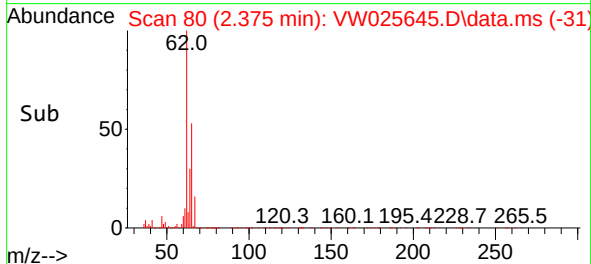
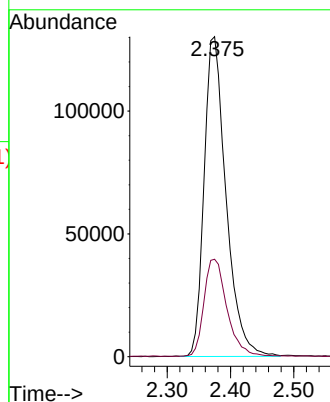
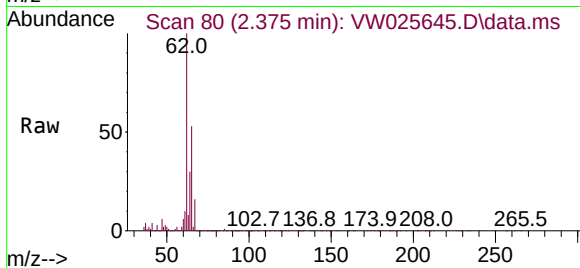




#5
 Vinyl chloride
 Concen: 26.557 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025645.D
 Acq: 24 Apr 2023 08:36

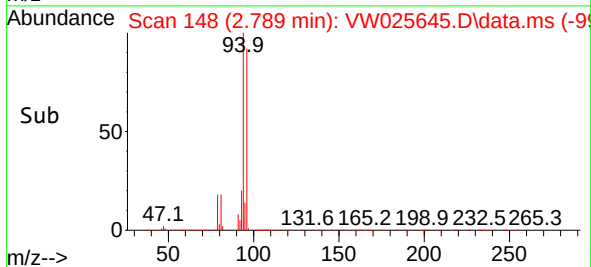
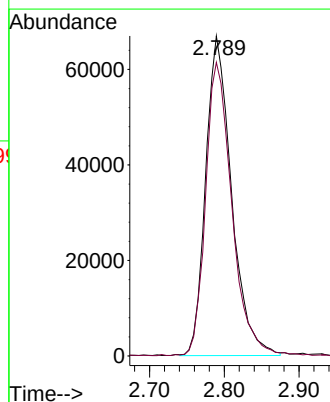
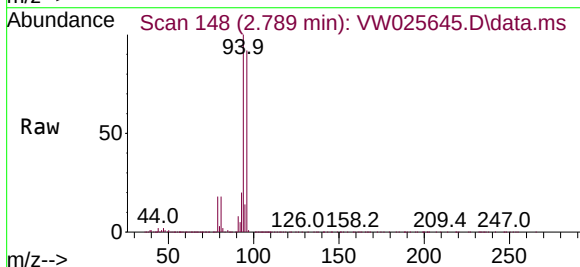
Instrument :
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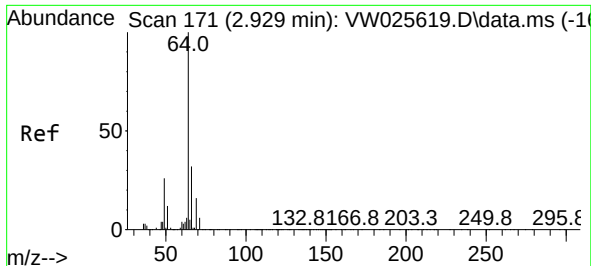
Tgt Ion: 62 Resp: 313833
 Ion Ratio Lower Upper
 62 100
 64 30.4 23.9 44.3



#6
 Bromomethane
 Concen: 25.321 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025645.D
 Acq: 24 Apr 2023 08:36

Tgt Ion: 94 Resp: 160962
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.0 118.8

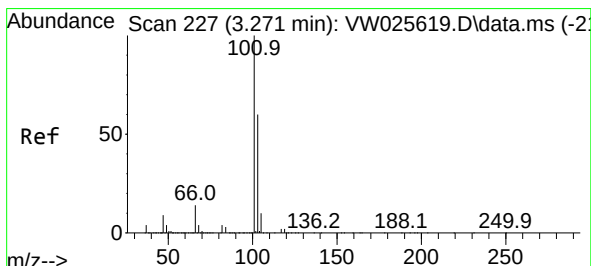
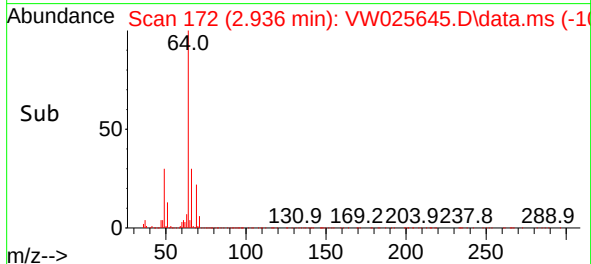
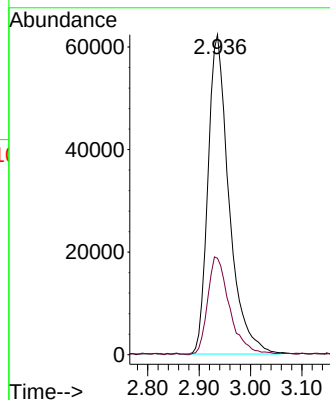
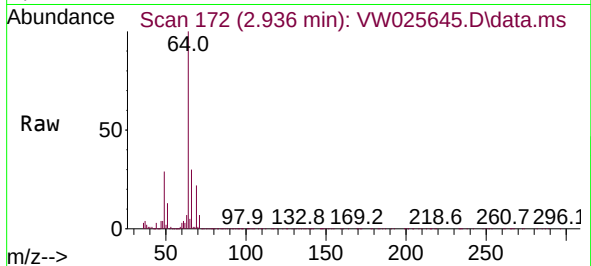




#8
Chloroethane
Concen: 26.742 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

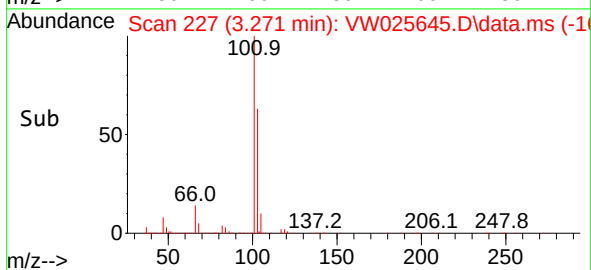
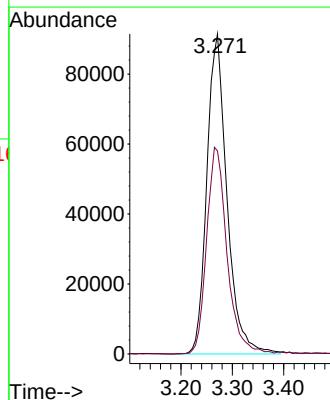
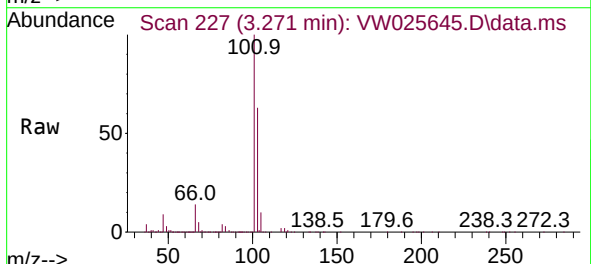
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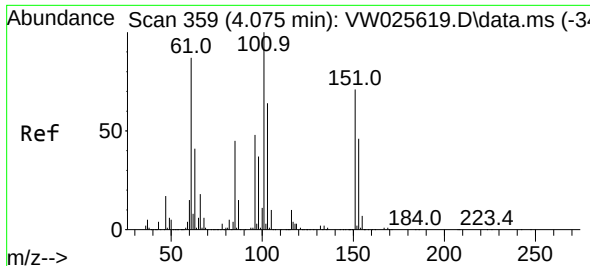
Tgt Ion: 64 Resp: 176990
Ion Ratio Lower Upper
64 100
66 30.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 27.262 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 101 Resp: 248192
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

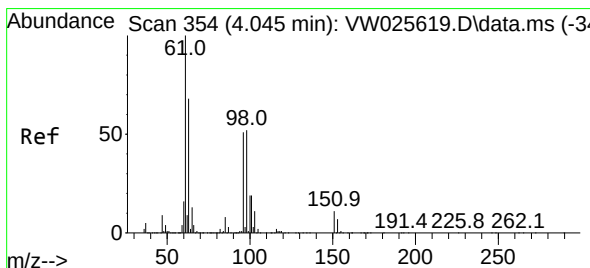
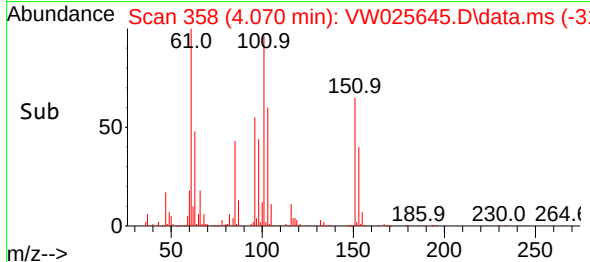
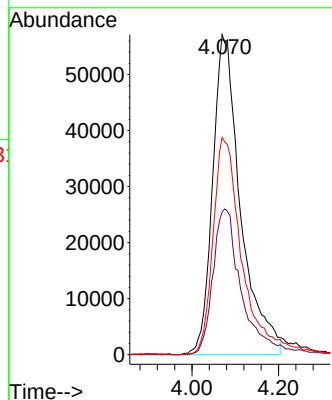
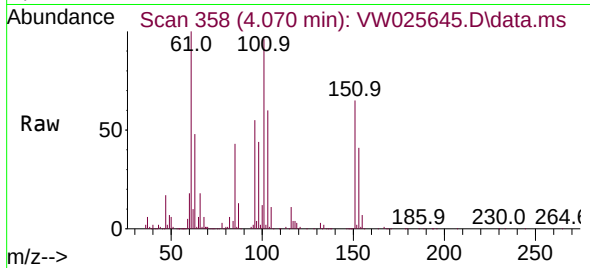




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.018 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025645.D
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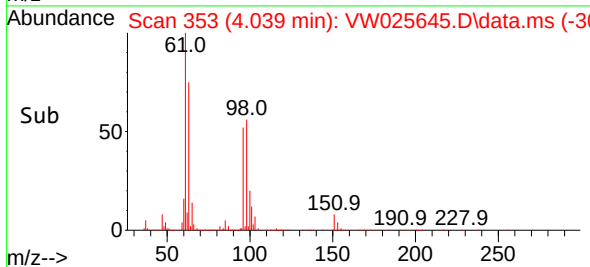
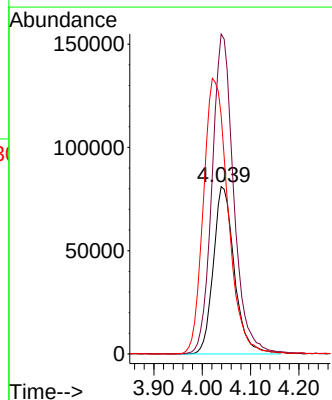
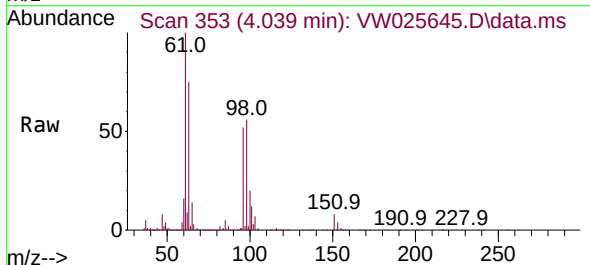
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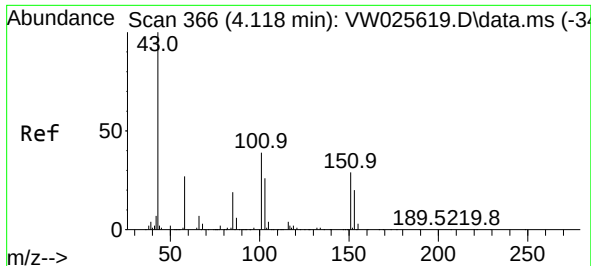
Tgt Ion:101 Resp: 255966
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.5 51.7
 151 67.9 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 26.732 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW025645.D
 Acq: 24 Apr 2023 08:36

Tgt Ion: 96 Resp: 244448
 Ion Ratio Lower Upper
 96 100
 61 191.1 132.7 246.4
 63 142.6 105.0 195.0

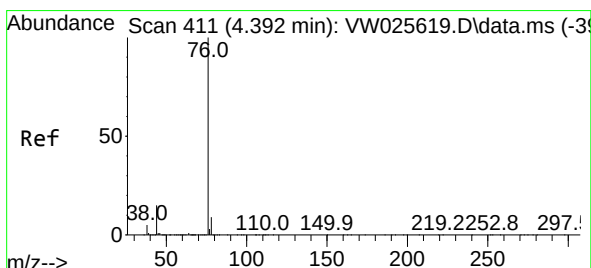
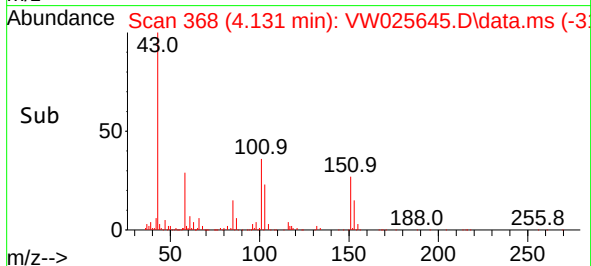
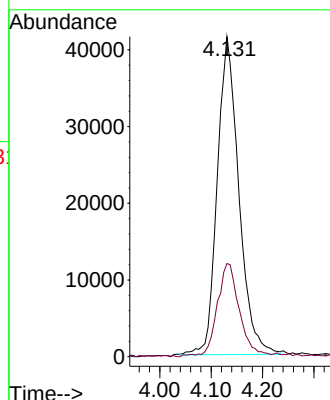
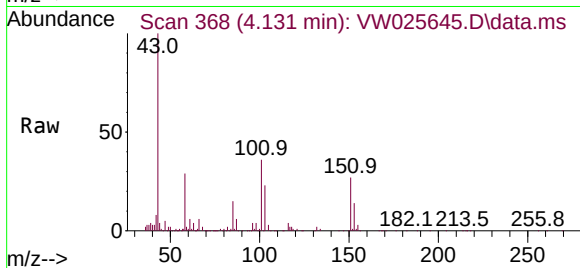




#13
Acetone
Concen: 59.760 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

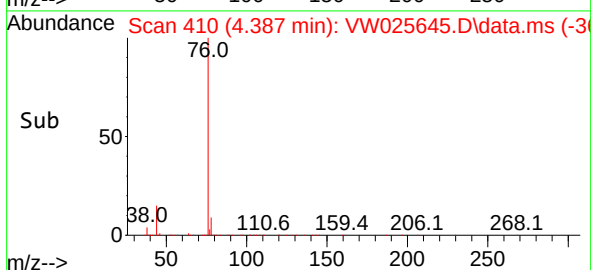
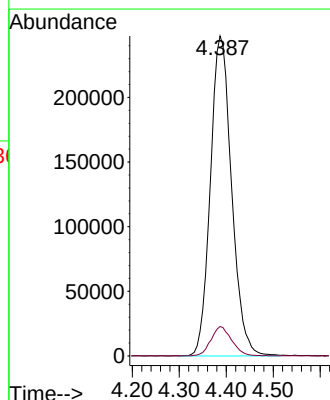
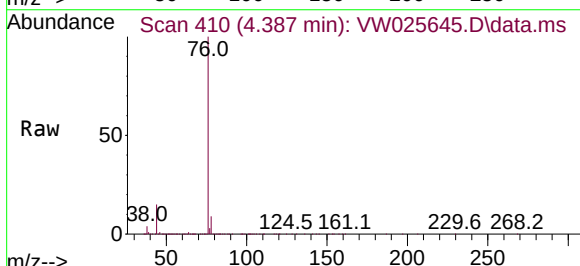
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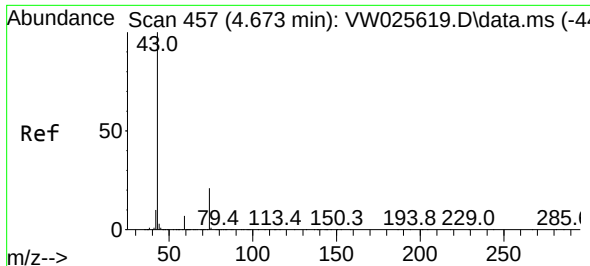
Tgt Ion: 43 Resp: 120979
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.4



#14
Carbon disulfide
Concen: 24.070 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 776551
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

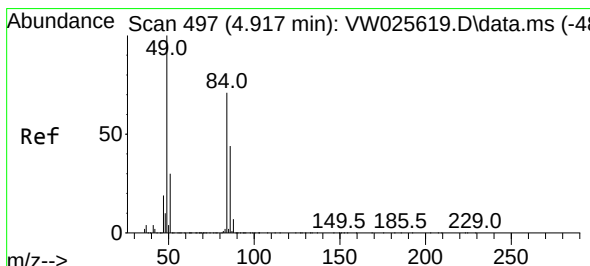
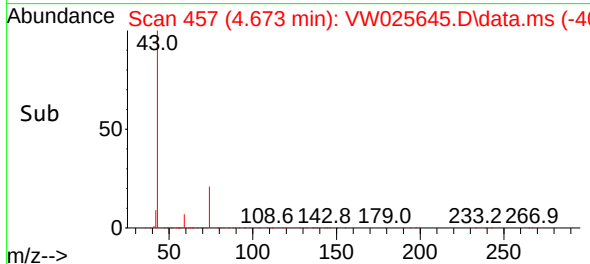
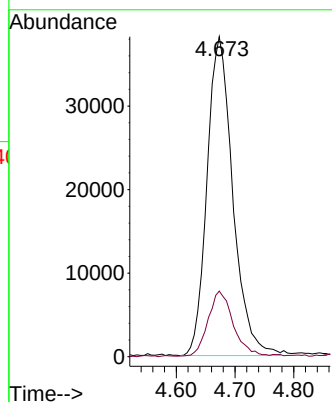
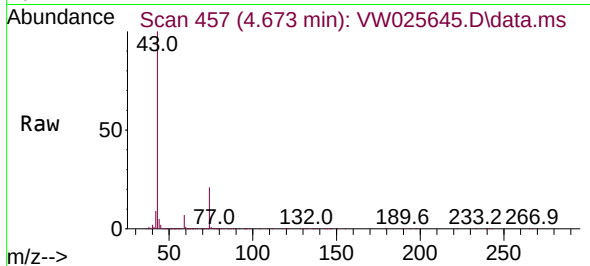




#15
Methyl Acetate
Concen: 25.586 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

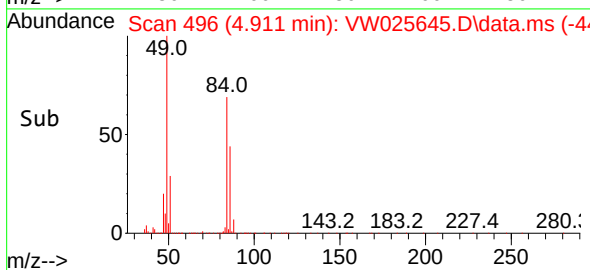
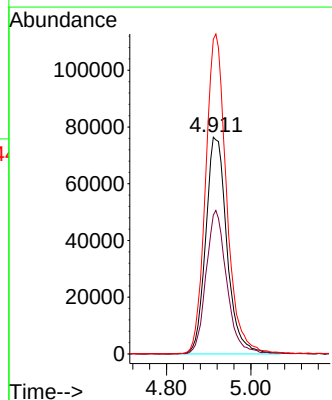
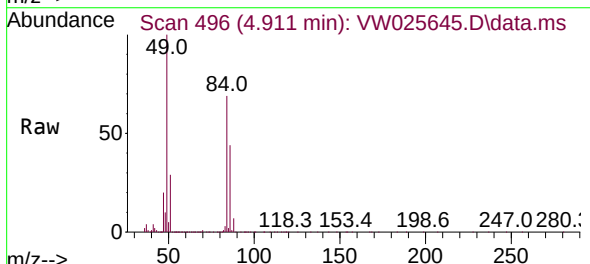
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

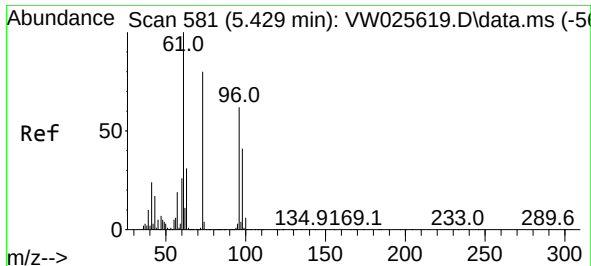
Tgt Ion: 43 Resp: 116370
Ion Ratio Lower Upper
43 100
74 19.9 17.0 25.4



#16
Methylene chloride
Concen: 25.609 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 84 Resp: 268211
Ion Ratio Lower Upper
84 100
86 64.1 44.9 83.3
49 145.1 101.4 188.4

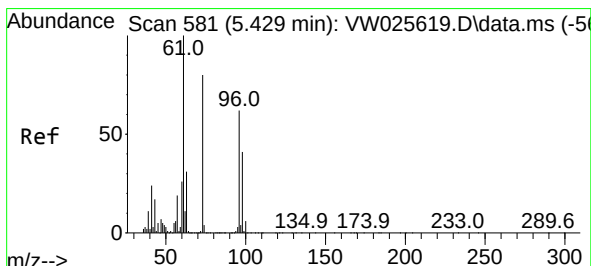
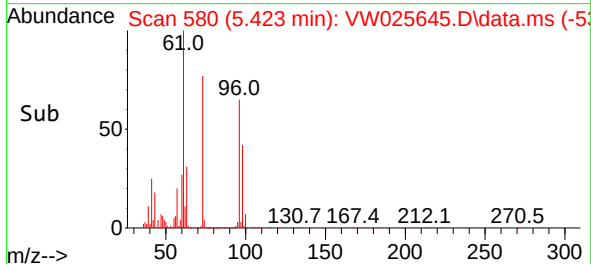
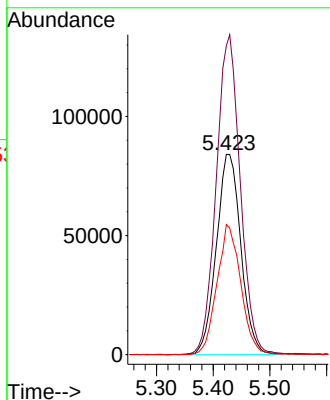
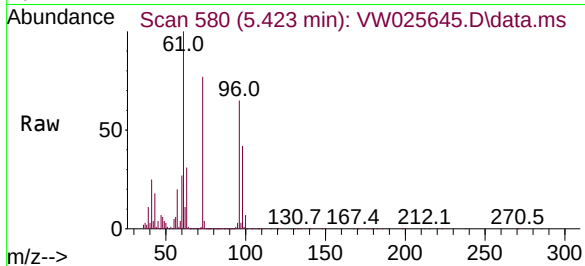




#17
trans-1,2-Dichloroethene
Concen: 25.939 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

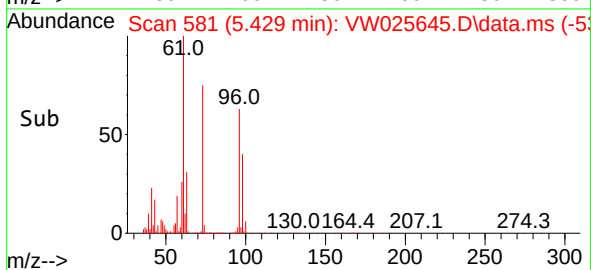
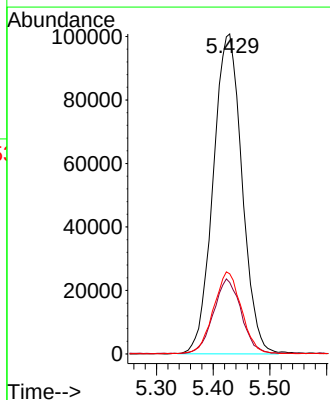
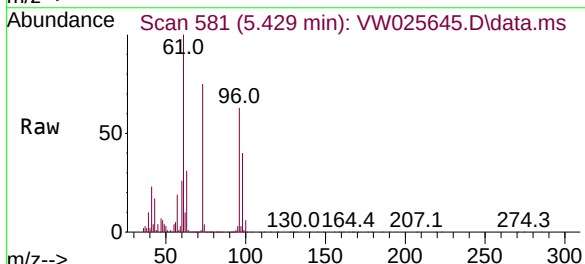
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

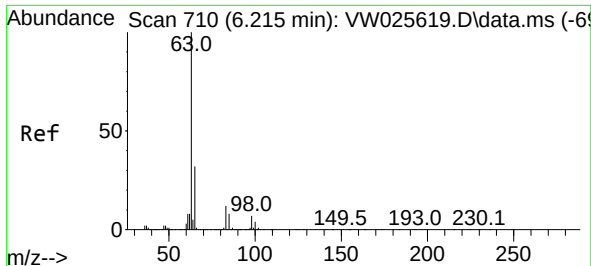
Tgt Ion: 96 Resp: 252181
Ion Ratio Lower Upper
96 100
61 154.2 113.3 210.3
98 65.0 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.497 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 73 Resp: 355509
Ion Ratio Lower Upper
73 100
43 22.5 17.8 26.6
57 24.7 19.0 28.6





#19

1,1-Dichloroethane

Concen: 27.256 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

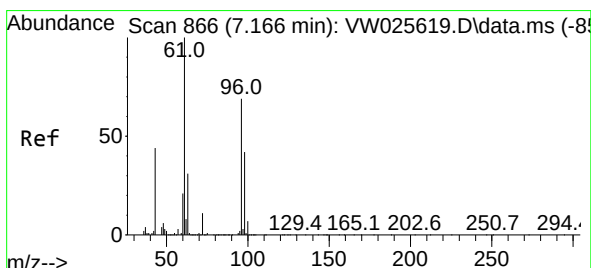
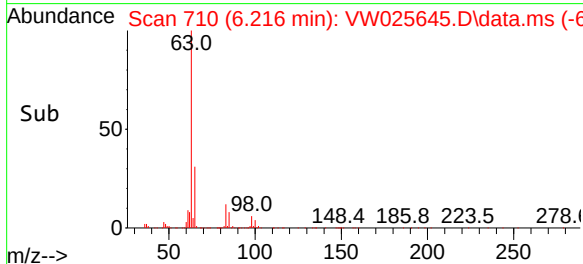
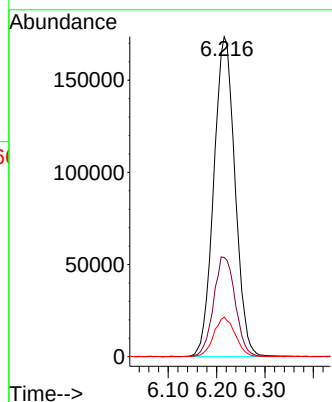
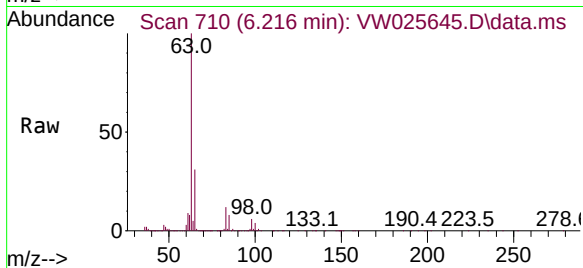
Tgt Ion: 63 Resp: 529425

Ion Ratio Lower Upper

63 100

65 31.0 21.9 40.7

83 12.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.320 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

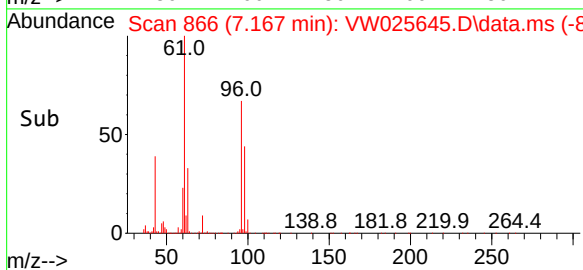
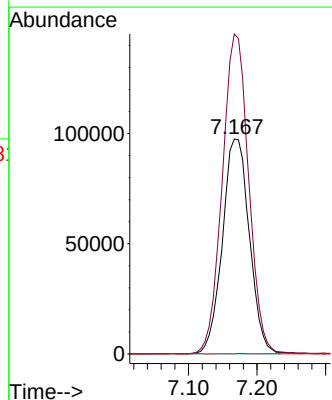
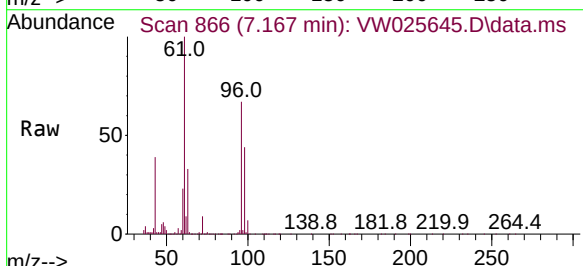
Tgt Ion: 96 Resp: 266244

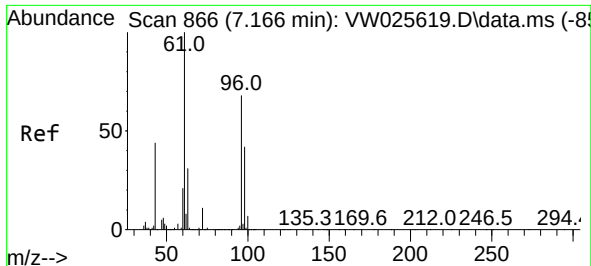
Ion Ratio Lower Upper

96 100

61 148.9 102.6 190.6

68 0.0 0.1 0.1#

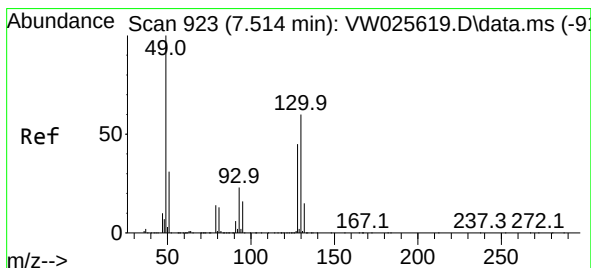
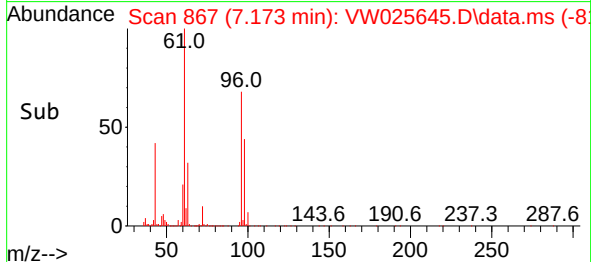
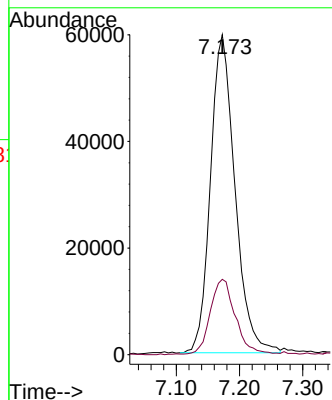
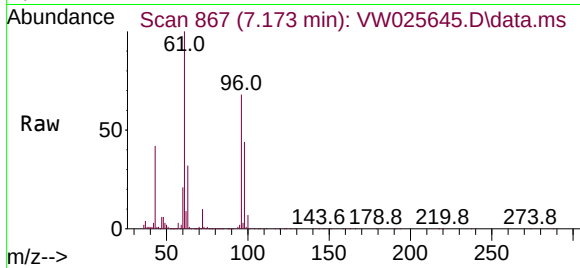




#22
2-Butanone
Concen: 55.821 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

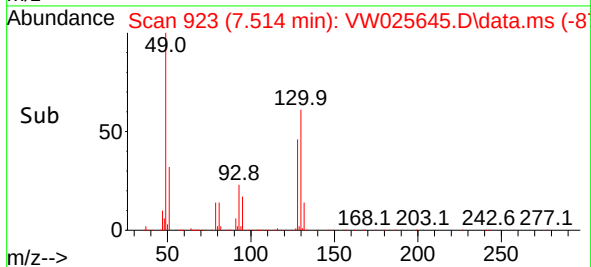
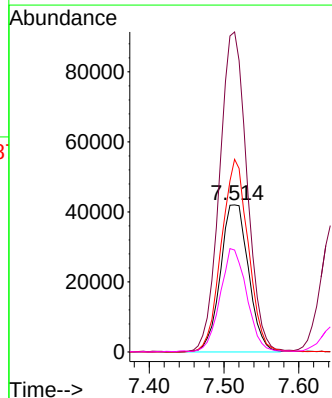
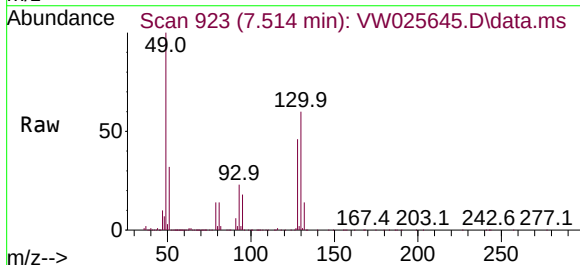
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

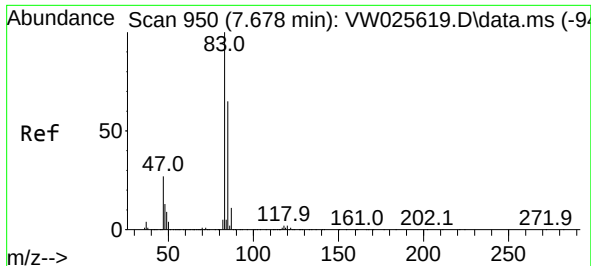
Tgt Ion: 43 Resp: 160646
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.0



#23
Bromochloromethane
Concen: 26.511 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 128 Resp: 109977
Ion Ratio Lower Upper
128 100
49 217.6 141.7 263.3
130 131.0 86.7 160.9
51 69.3 53.0 79.6

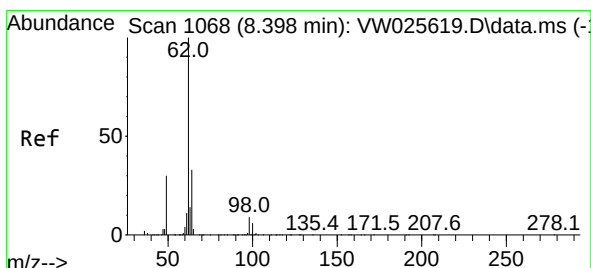
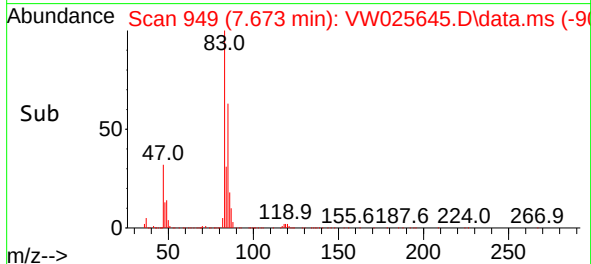
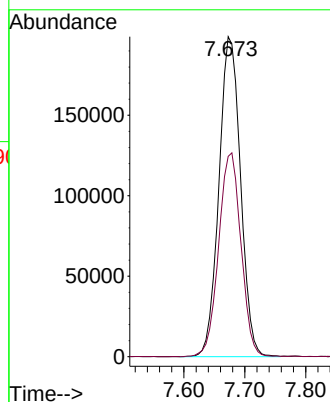
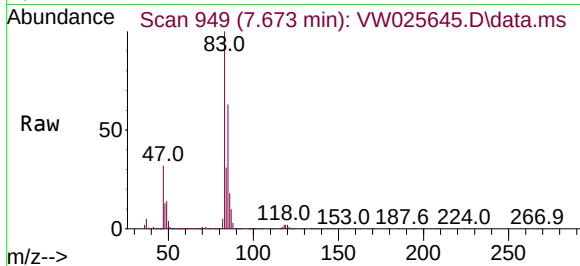




#25
Chloroform
Concen: 27.551 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

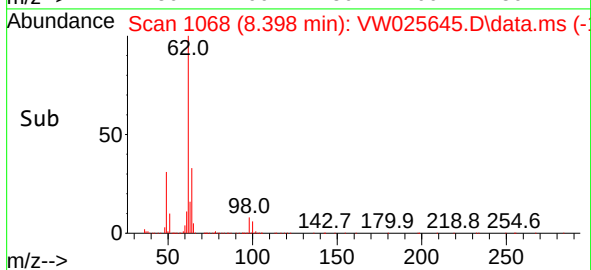
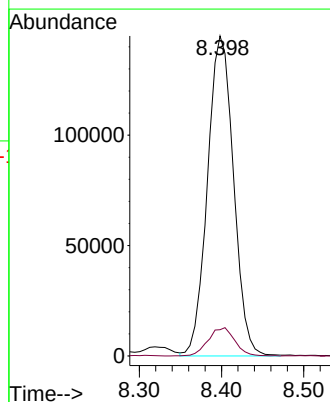
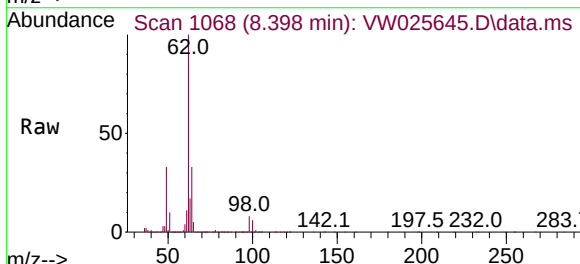
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

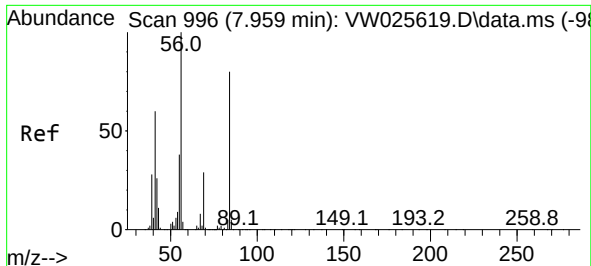
Tgt Ion: 83 Resp: 489389
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.2



#27
1,2-Dichloroethane
Concen: 26.795 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 62 Resp: 319395
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0

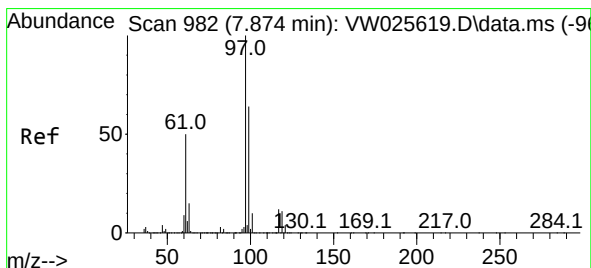
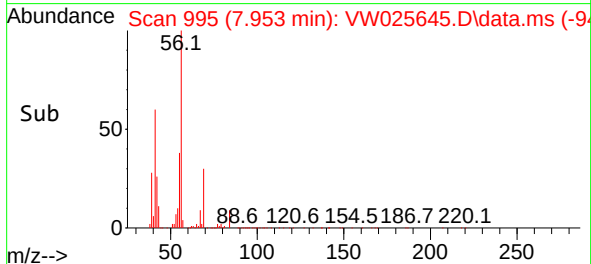
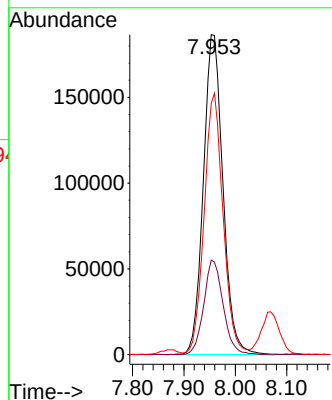
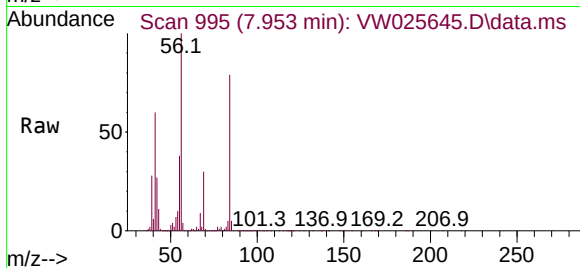




#29
Cyclohexane
Concen: 25.838 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

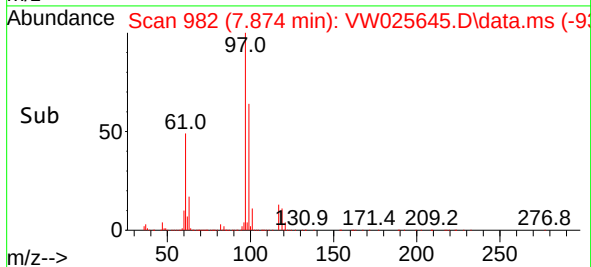
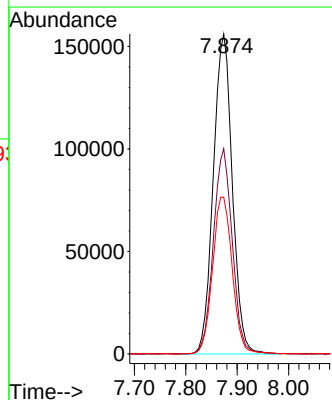
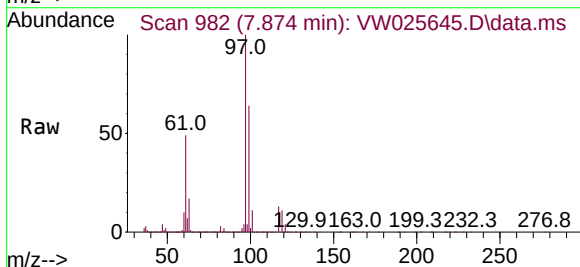
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

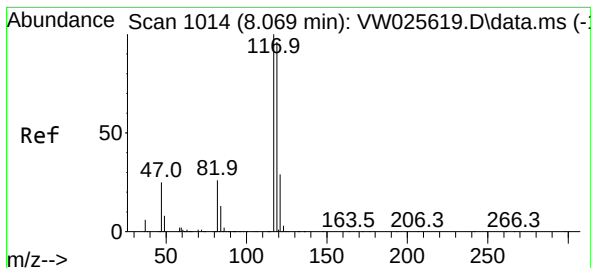
Tgt Ion: 56 Resp: 493140
Ion Ratio Lower Upper
56 100
69 29.3 22.7 34.1
84 79.3 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 27.378 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 97 Resp: 401134
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 50.7 40.5 60.7





#31

Carbon tetrachloride

Concen: 26.978 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

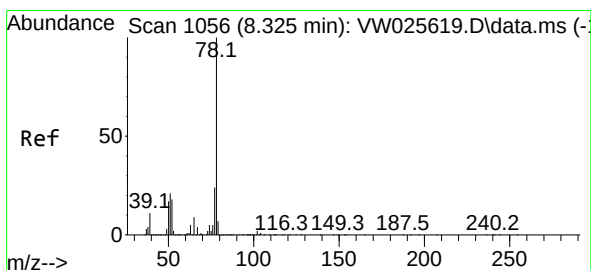
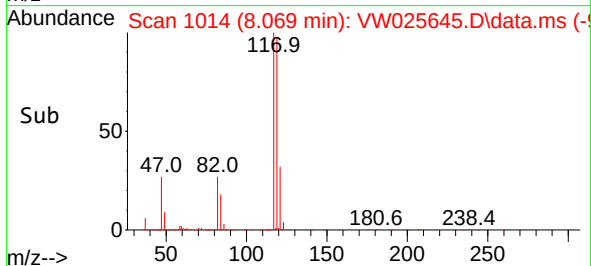
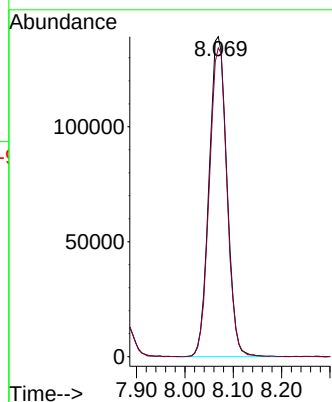
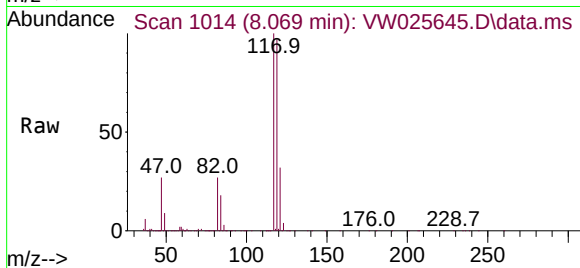
VSTD025577

Tgt Ion:117 Resp: 356958

Ion Ratio Lower Upper

117 100

119 95.8 75.7 113.5



#33

Benzene

Concen: 26.508 ug/L

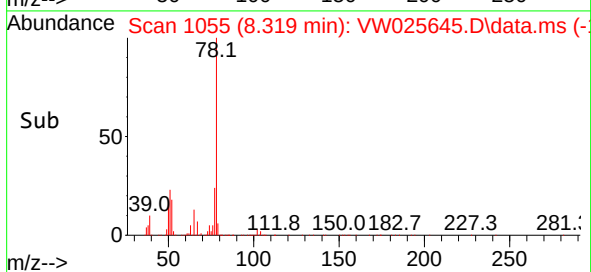
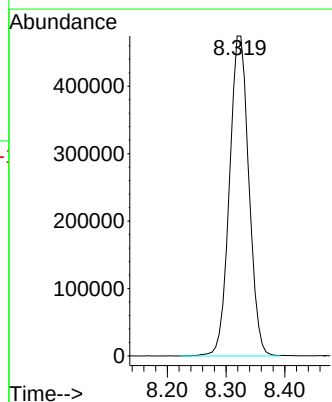
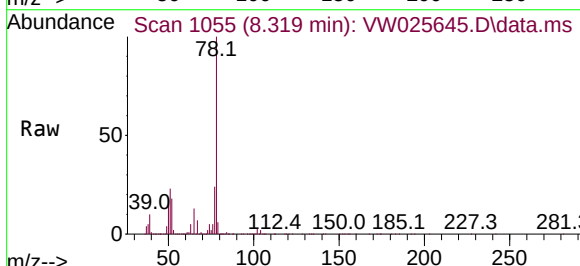
RT: 8.319 min Scan# 1055

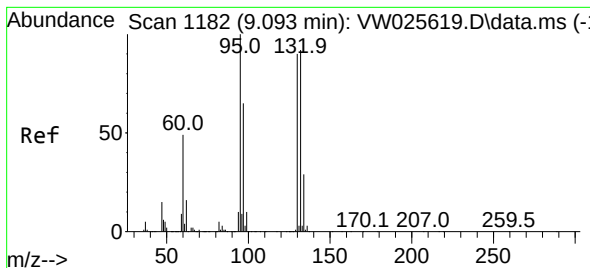
Delta R.T. -0.006 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Tgt Ion: 78 Resp: 1087974





#34

Trichloroethene

Concen: 26.261 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

Tgt Ion: 95 Resp: 280359

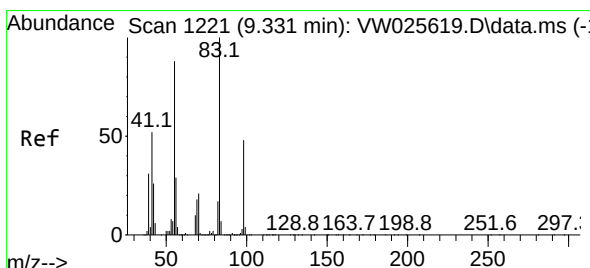
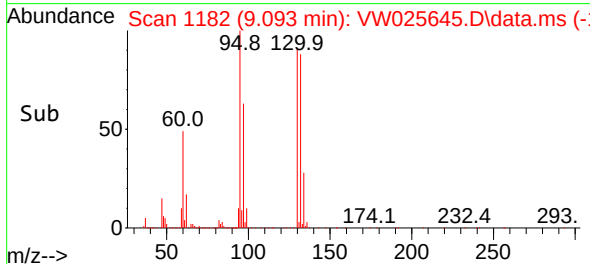
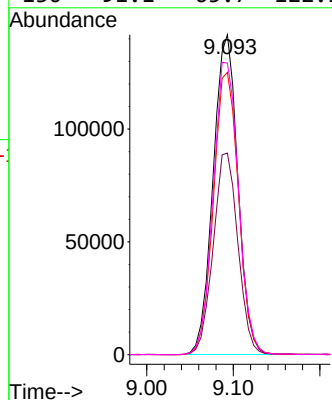
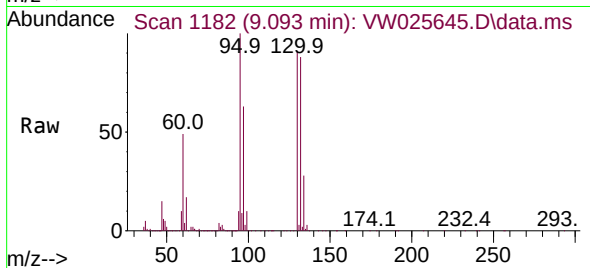
Ion Ratio Lower Upper

95 100

97 63.0 42.5 78.9

132 88.2 59.8 111.1

130 91.1 65.7 122.1



#35

Methylcyclohexane

Concen: 25.882 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

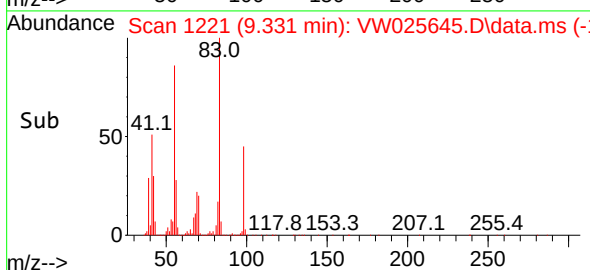
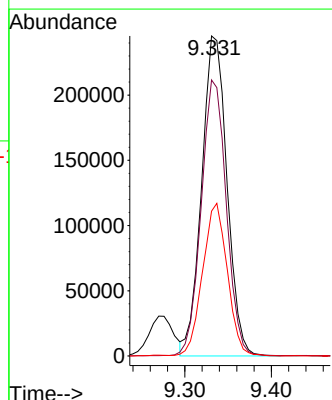
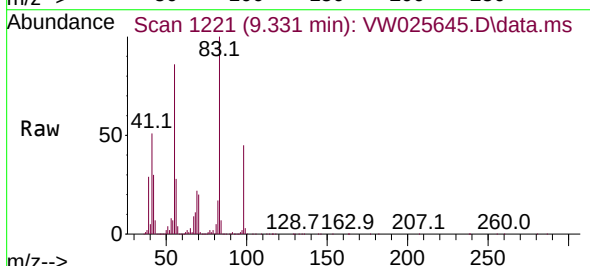
Tgt Ion: 83 Resp: 498944

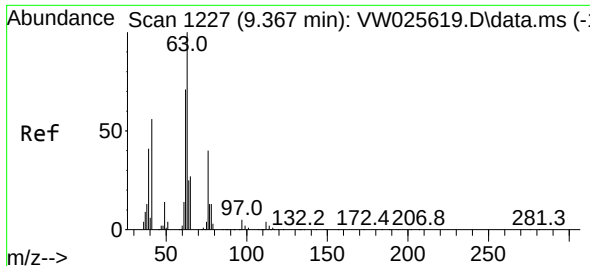
Ion Ratio Lower Upper

83 100

55 85.5 68.7 103.1

98 46.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 27.231 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

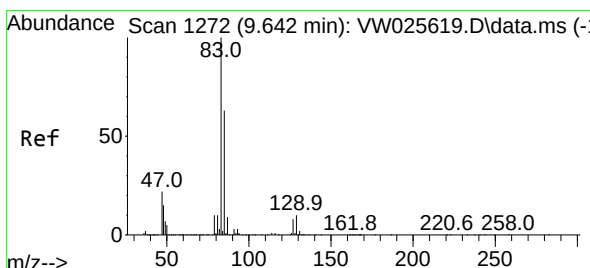
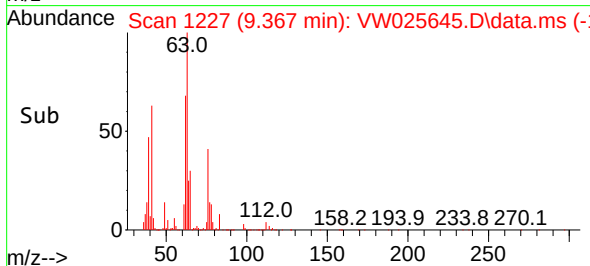
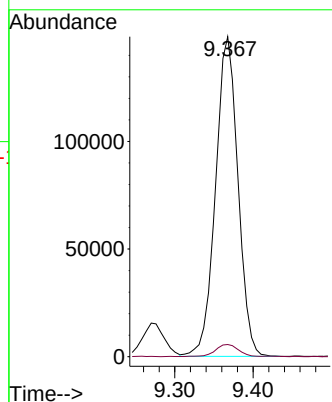
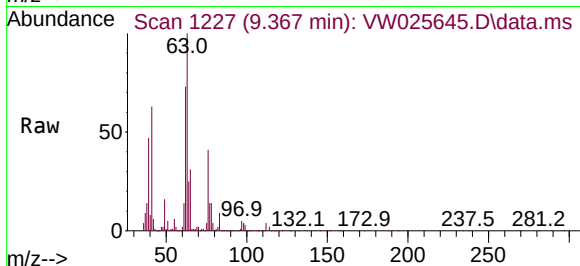
VSTD025577

Tgt Ion: 63 Resp: 295170

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.0



#38

Bromodichloromethane

Concen: 26.742 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

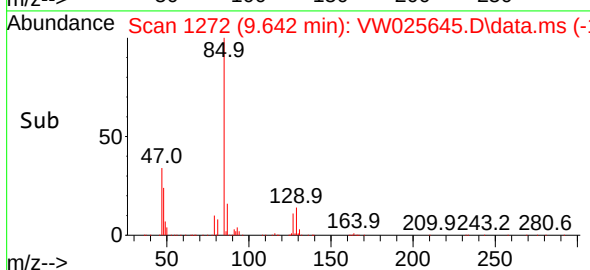
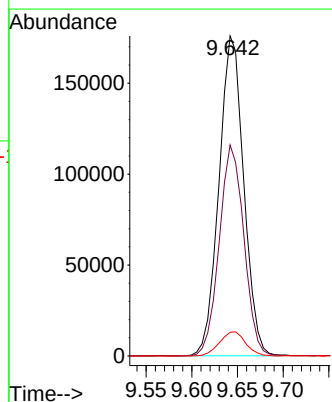
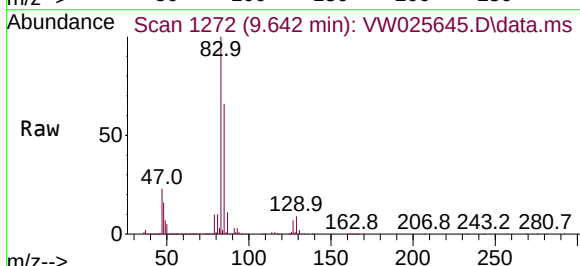
Tgt Ion: 83 Resp: 331658

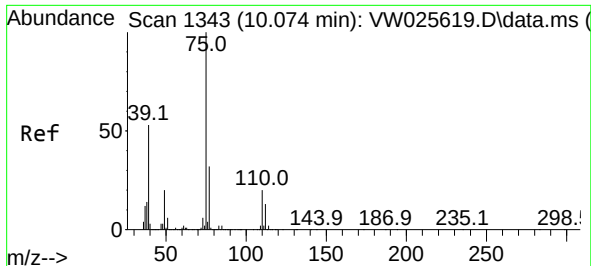
Ion Ratio Lower Upper

83 100

85 66.0 43.5 80.7

127 7.4 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 27.478 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

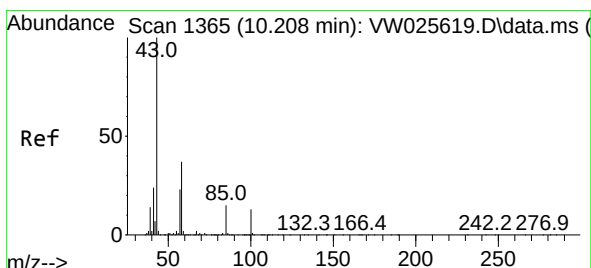
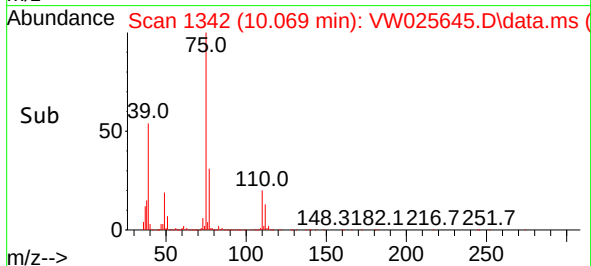
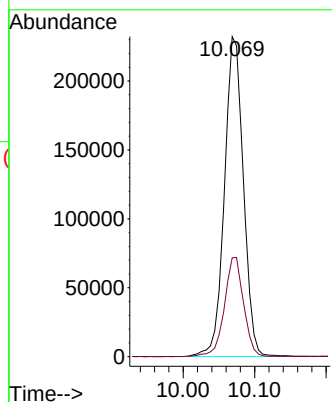
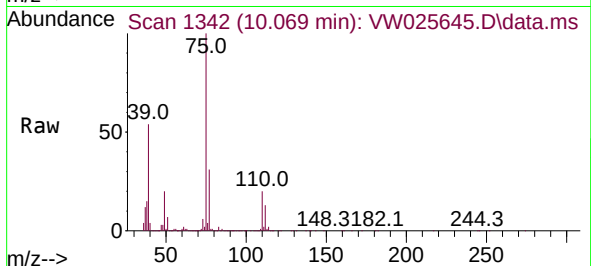
VSTD025577

Tgt Ion: 75 Resp: 427243

Ion Ratio Lower Upper

75 100

77 30.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 52.874 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

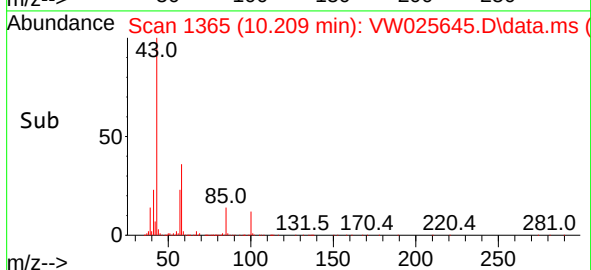
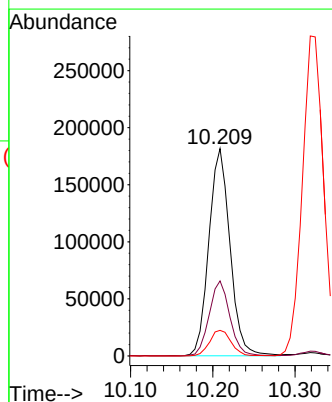
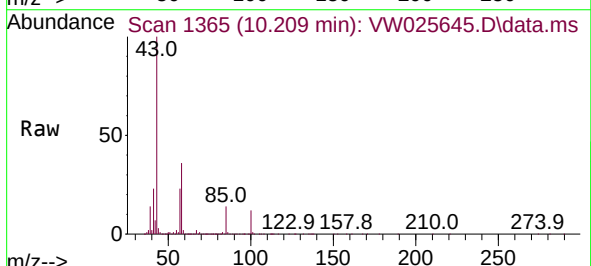
Tgt Ion: 43 Resp: 324413

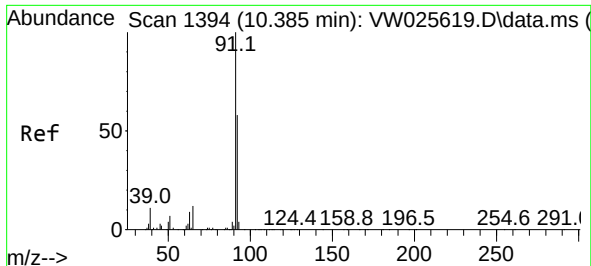
Ion Ratio Lower Upper

43 100

58 35.7 29.2 43.8

100 12.8 10.2 15.4

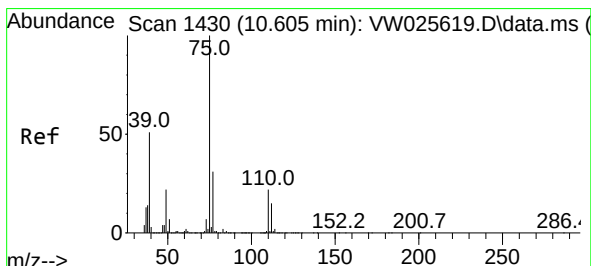
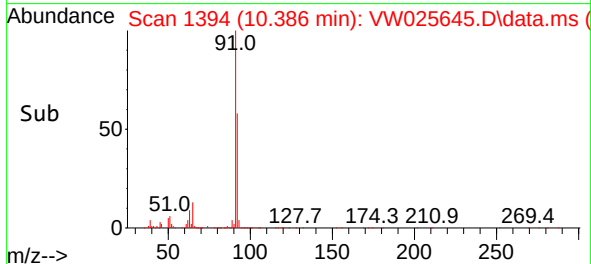
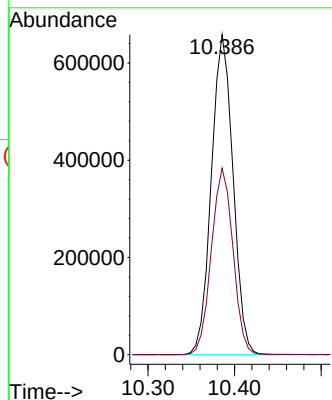
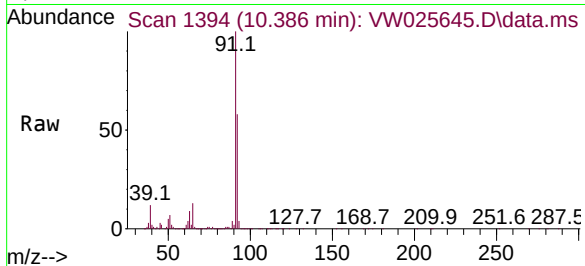




#42
Toluene
Concen: 27.357 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

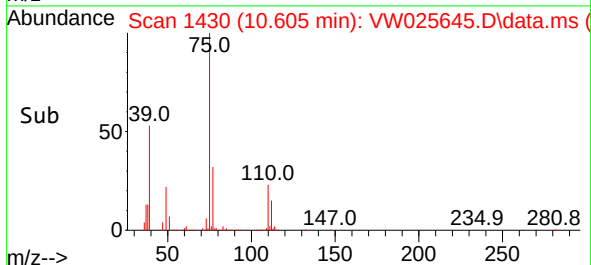
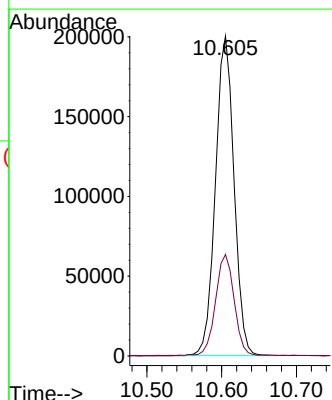
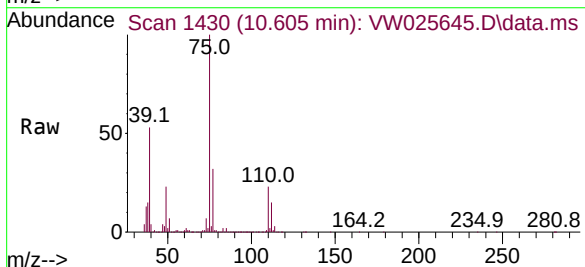
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

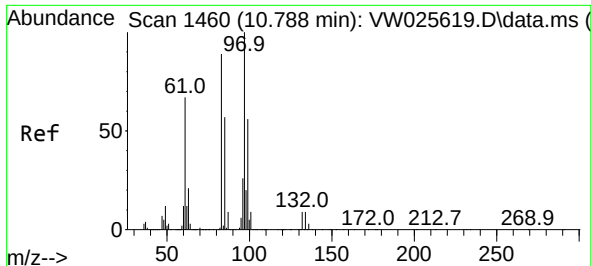
Tgt Ion: 91 Resp: 1143349
Ion Ratio Lower Upper
91 100
92 58.3 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 27.050 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 75 Resp: 346831
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.9



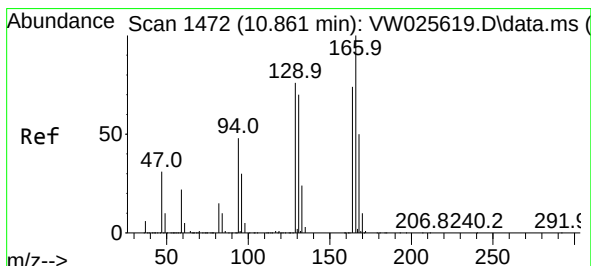
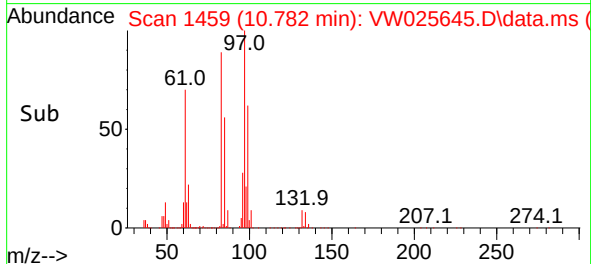
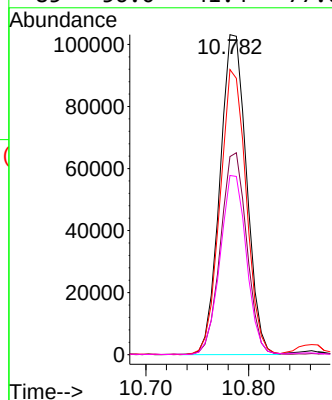
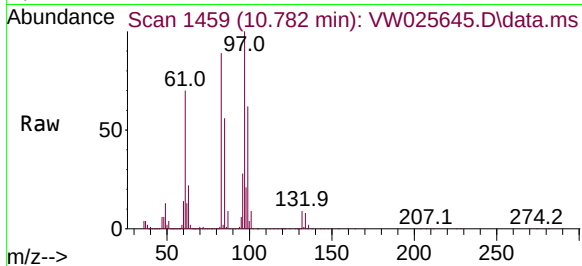


#45
1,1,2-Trichloroethane
Concen: 26.908 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

Tgt Ion: 97 Resp: 185977

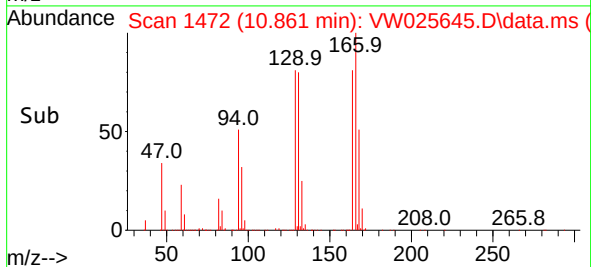
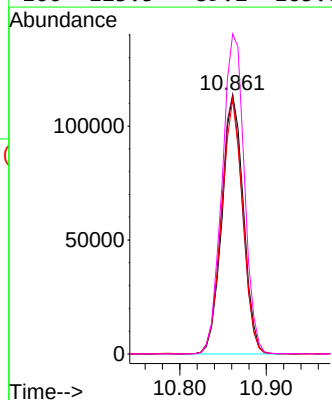
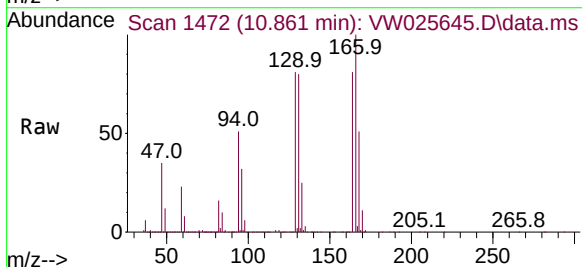
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.3
83	89.1	61.8	114.8
85	56.0	41.4	77.0

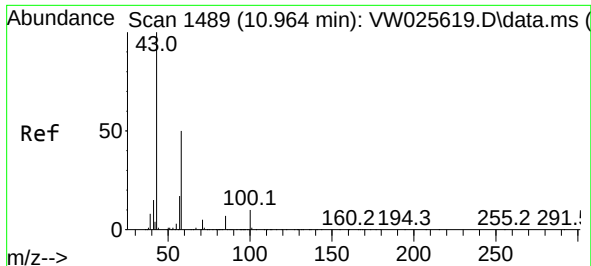


#46
Tetrachloroethene
Concen: 25.974 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 164 Resp: 195029

Ion	Ratio	Lower	Upper
164	100		
129	100.0	76.9	142.9
131	98.3	70.5	130.9
166	123.5	89.2	165.8



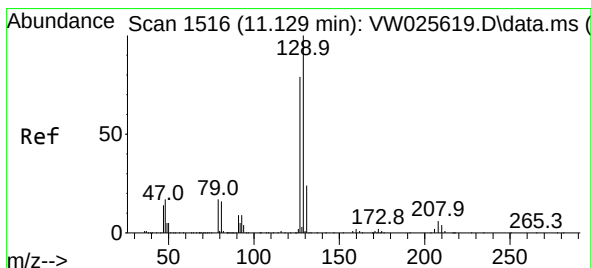
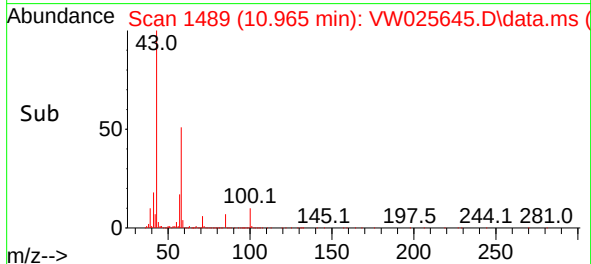
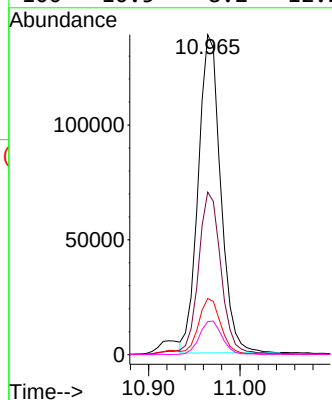
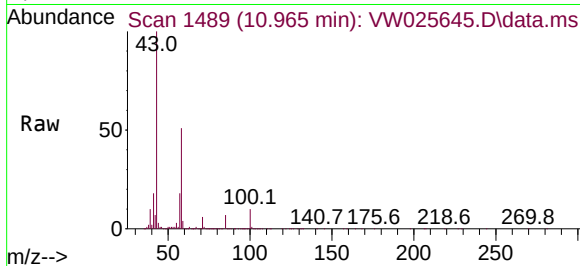


#48
2-Hexanone
Concen: 55.664 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

Tgt Ion: 43 Resp: 235974

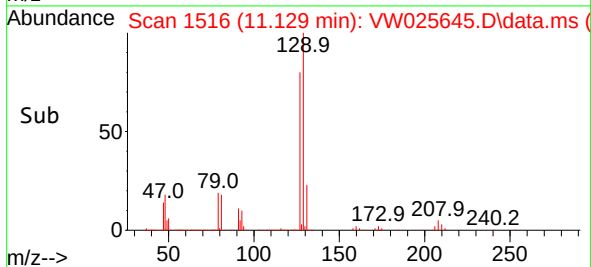
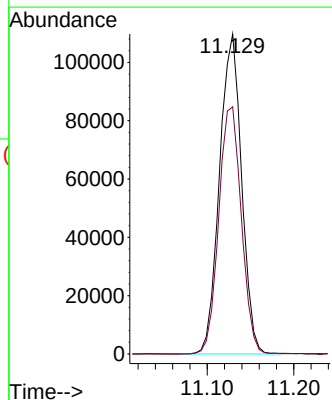
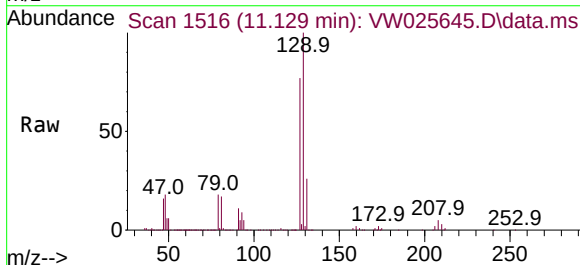
Ion	Ratio	Lower	Upper
43	100		
58	52.5	38.6	57.8
57	17.7	13.9	20.9
100	10.5	8.2	12.2

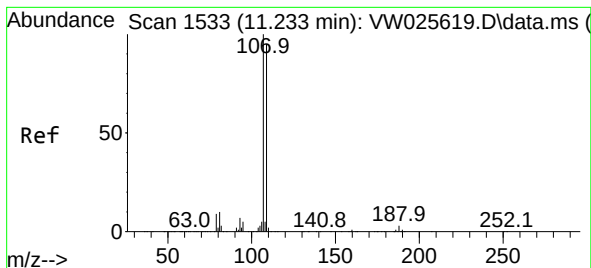


#49
Dibromochloromethane
Concen: 26.684 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 129 Resp: 194182

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.0	100.2





#50

1,2-Dibromoethane

Concen: 26.224 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

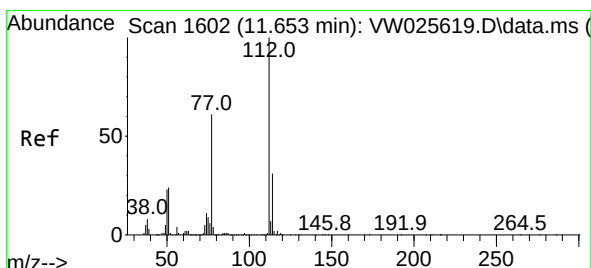
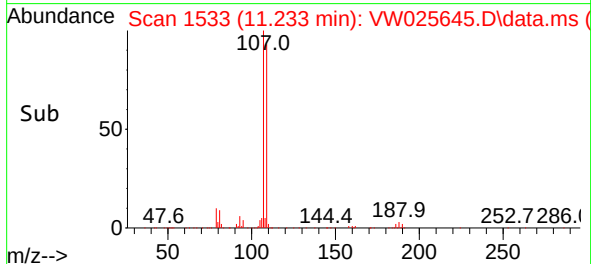
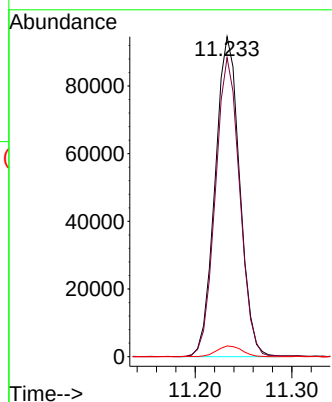
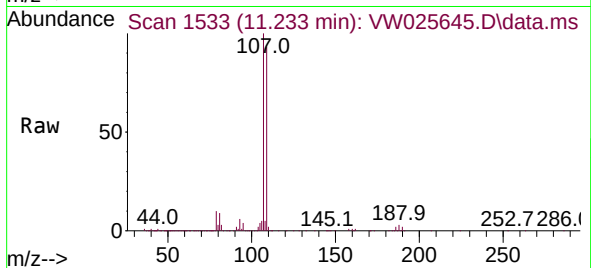
Tgt Ion:107 Resp: 166533

Ion Ratio Lower Upper

107 100

109 93.4 64.1 119.1

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 26.456 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

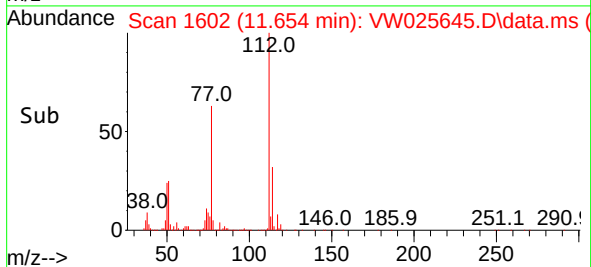
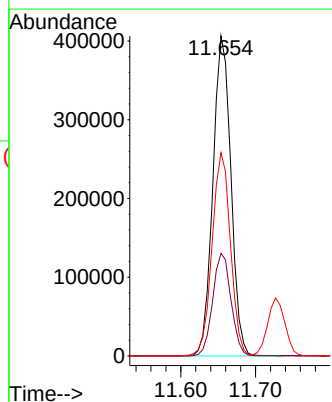
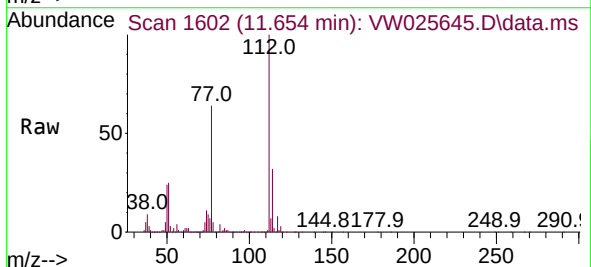
Tgt Ion:112 Resp: 681341

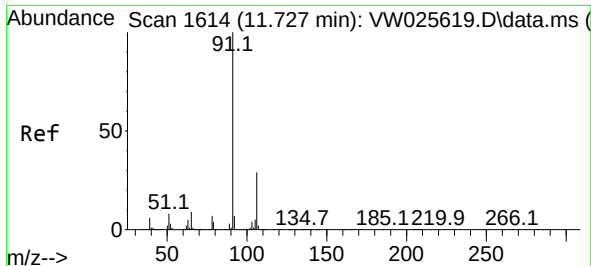
Ion Ratio Lower Upper

112 100

114 32.0 21.6 40.2

77 63.5 50.2 75.2

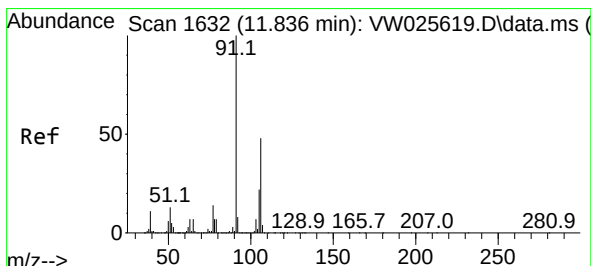
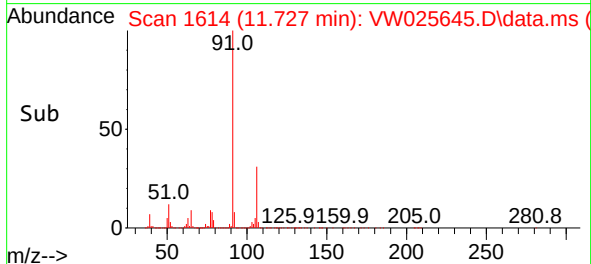
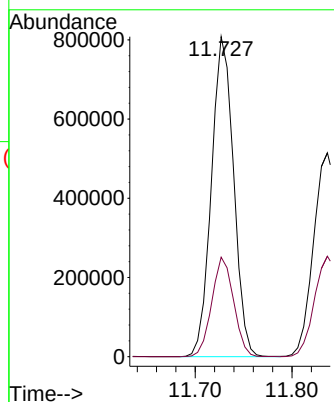
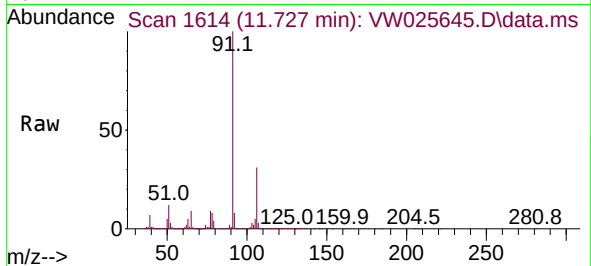




#52
Ethylbenzene
Concen: 27.249 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

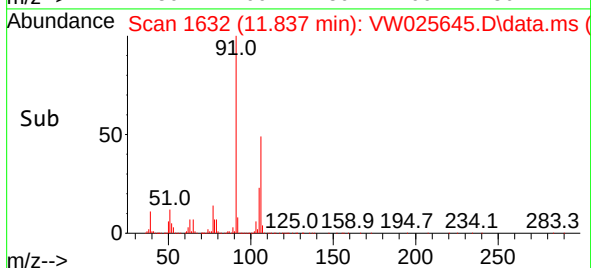
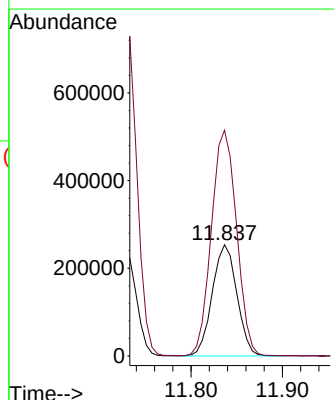
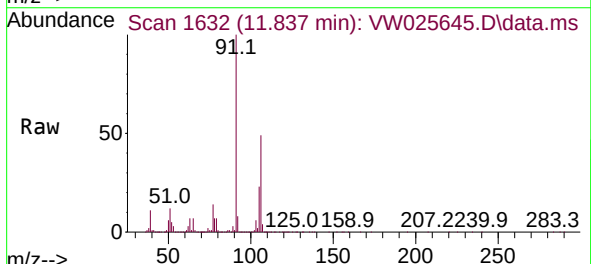
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

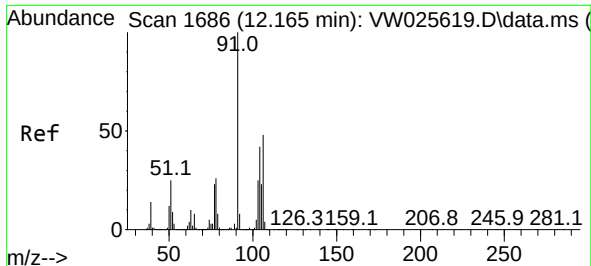
Tgt Ion: 91 Resp: 1288743
Ion Ratio Lower Upper
91 100
106 31.1 20.3 37.7



#53
m,p-Xylene
Concen: 27.289 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion: 106 Resp: 473310
Ion Ratio Lower Upper
106 100
91 203.0 148.0 274.8

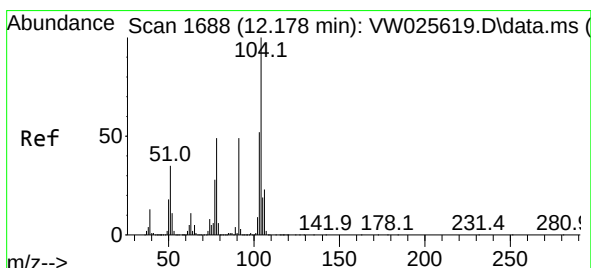
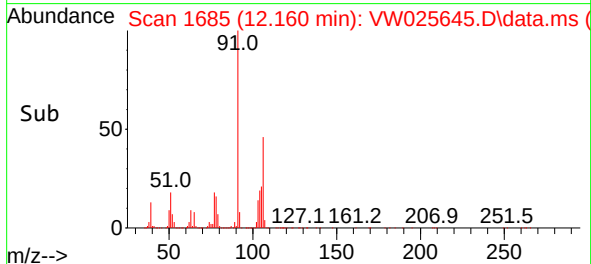
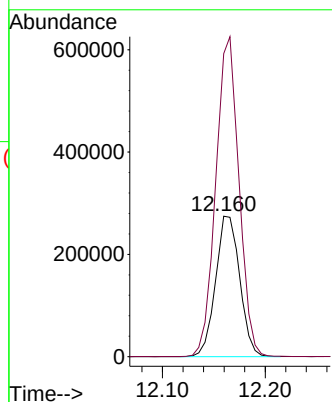
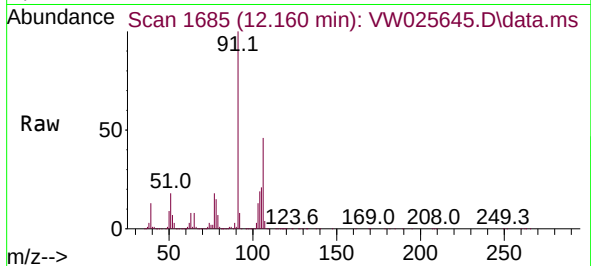




#54
o-Xylene
Concen: 27.536 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

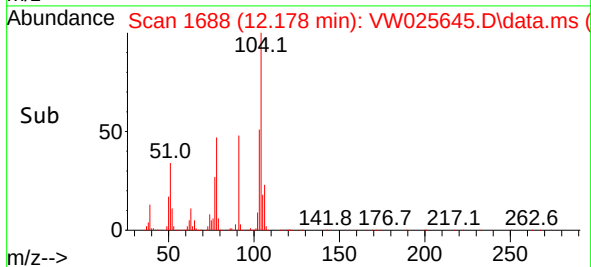
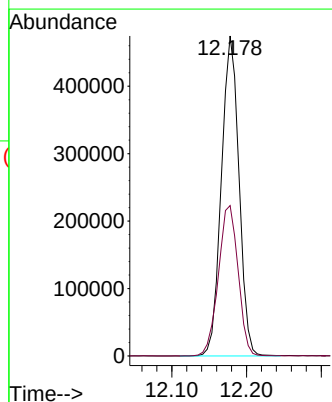
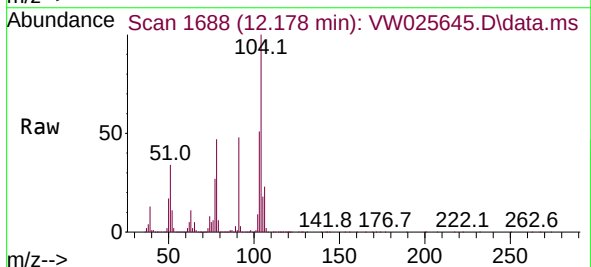
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

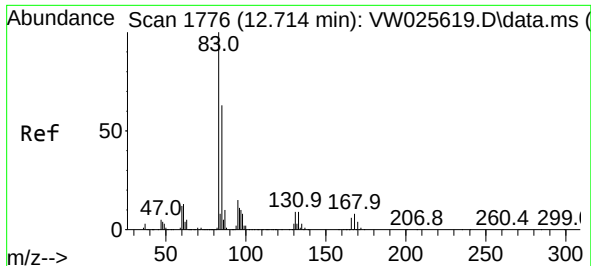
Tgt Ion:106 Resp: 446788
Ion Ratio Lower Upper
106 100
91 215.8 158.2 293.8



#55
Styrene
Concen: 28.455 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion:104 Resp: 777135
Ion Ratio Lower Upper
104 100
78 47.0 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.252 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

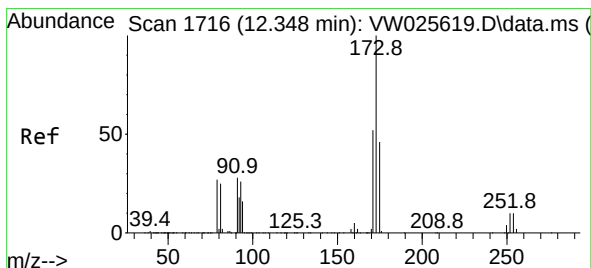
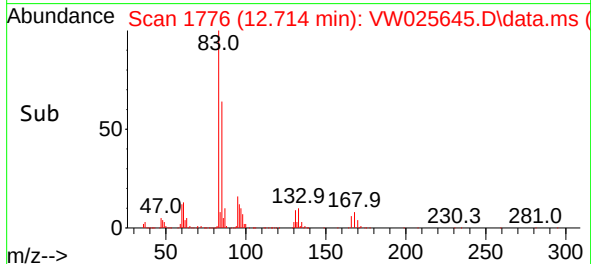
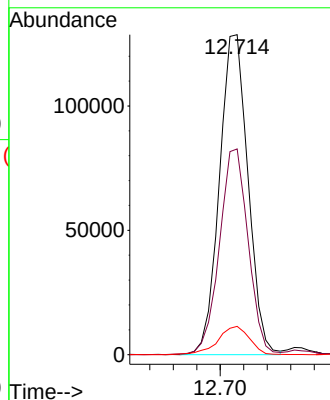
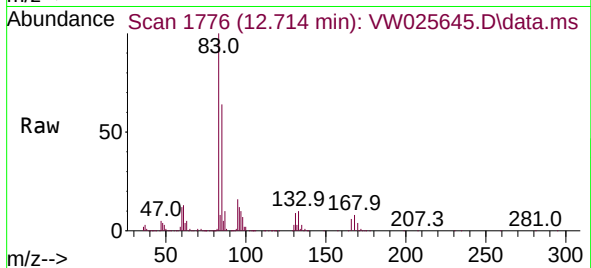
Tgt Ion: 83 Resp: 217333

Ion Ratio Lower Upper

83 100

85 64.3 43.5 80.7

131 8.9 7.0 10.4



#59

Bromoform

Concen: 26.530 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

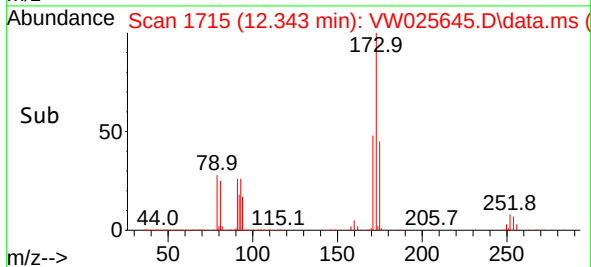
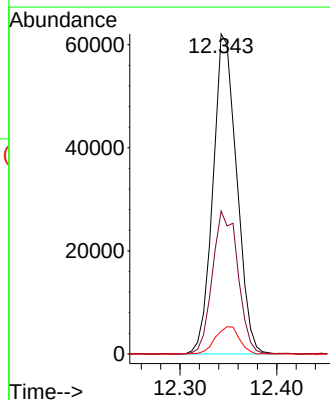
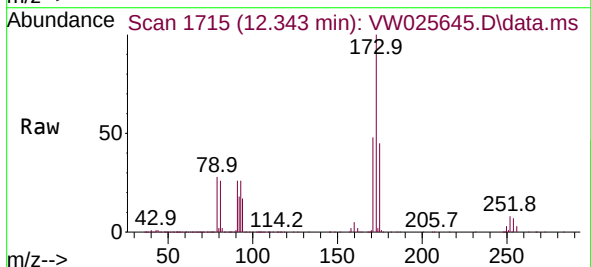
Tgt Ion:173 Resp: 105798

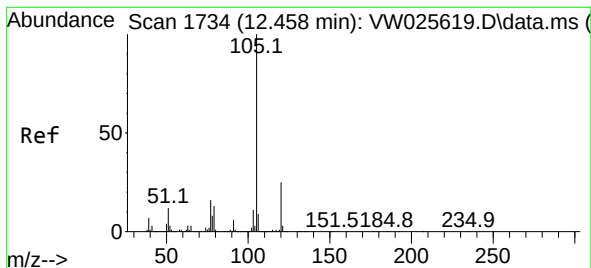
Ion Ratio Lower Upper

173 100

175 47.9 36.1 54.1

254 8.6 7.0 10.6





#60

Isopropylbenzene

Concen: 28.301 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

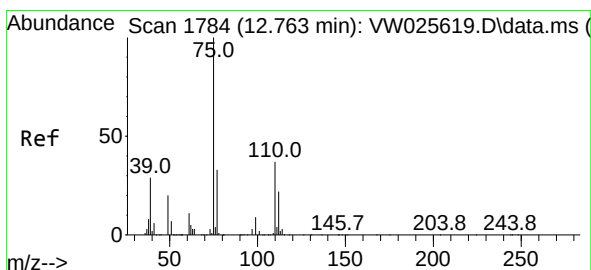
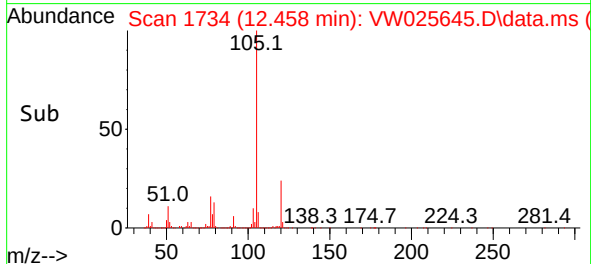
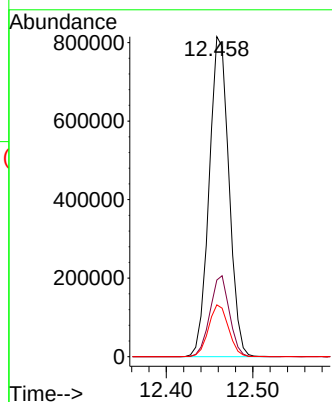
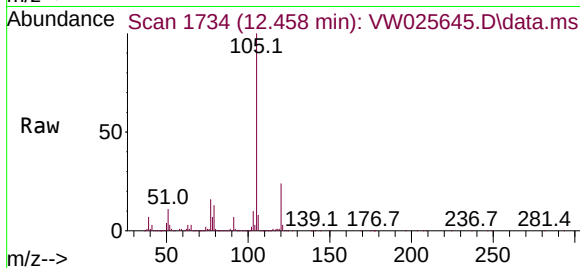
Tgt Ion:105 Resp: 1290158

Ion Ratio Lower Upper

105 100

120 24.9 20.1 30.1

77 16.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 26.040 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

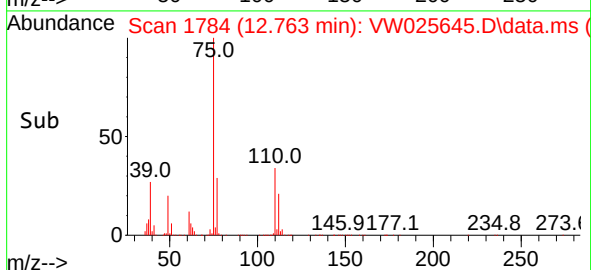
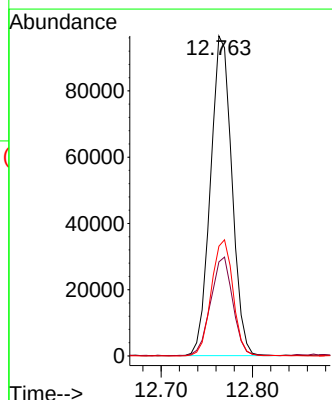
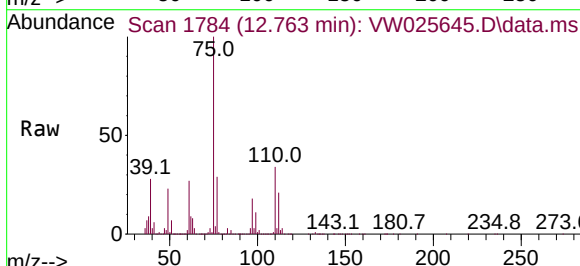
Tgt Ion: 75 Resp: 157062

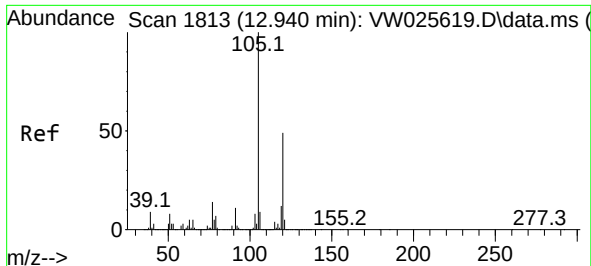
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

110 36.8 29.0 43.6

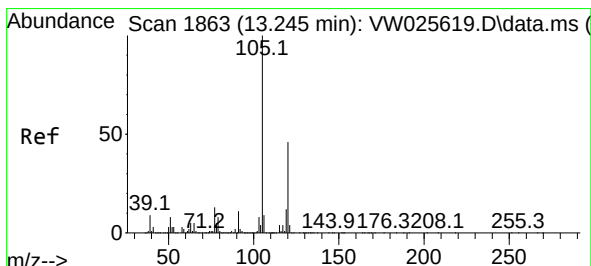
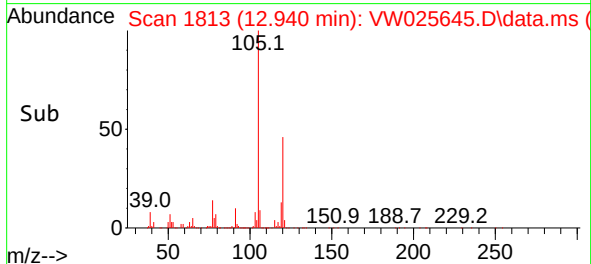
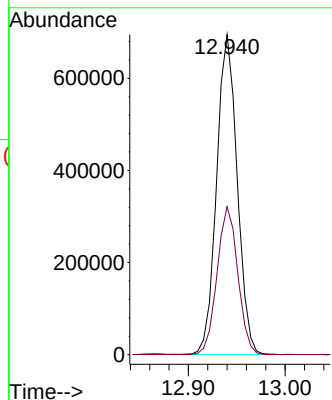
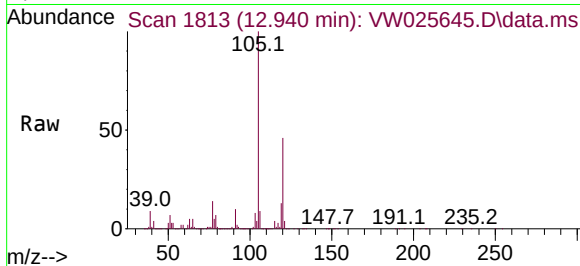




#62
1,3,5-Trimethylbenzene
Concen: 28.460 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

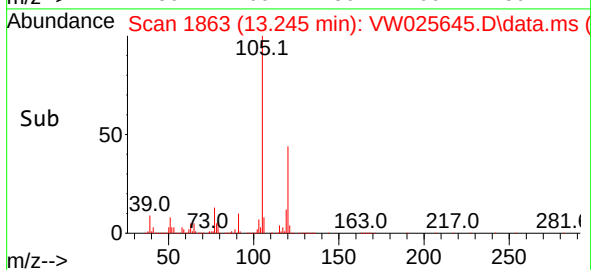
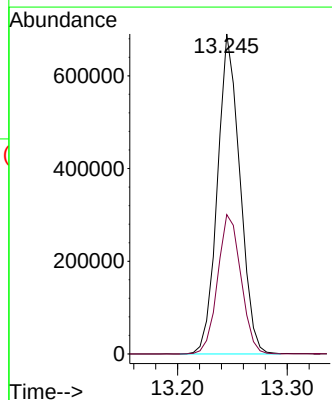
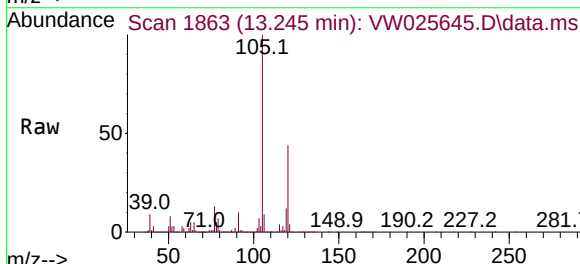
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

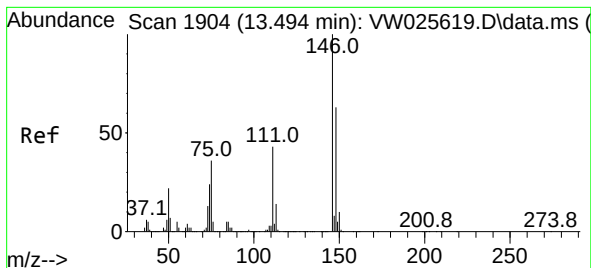
Tgt Ion:105 Resp: 1024187
Ion Ratio Lower Upper
105 100
120 46.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 28.342 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025645.D
Acq: 24 Apr 2023 08:36

Tgt Ion:105 Resp: 982114
Ion Ratio Lower Upper
105 100
120 45.2 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 27.948 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

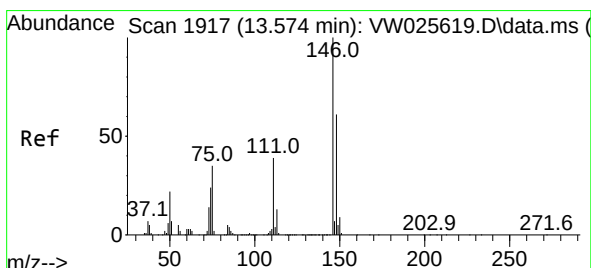
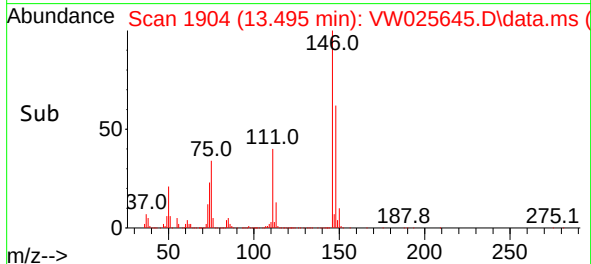
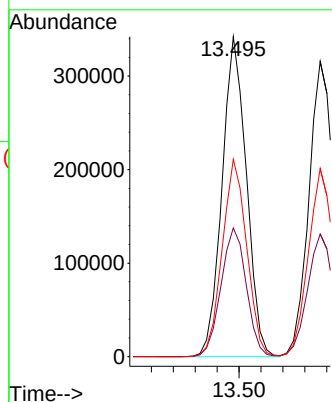
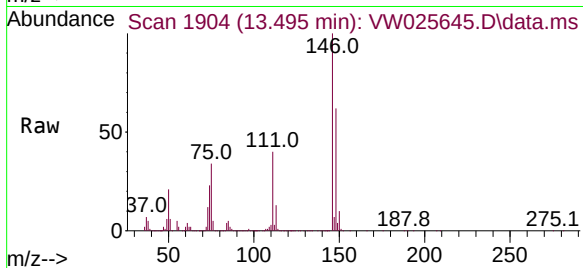
Tgt Ion:146 Resp: 527974

Ion Ratio Lower Upper

146 100

111 40.2 29.7 55.1

148 61.7 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 26.027 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

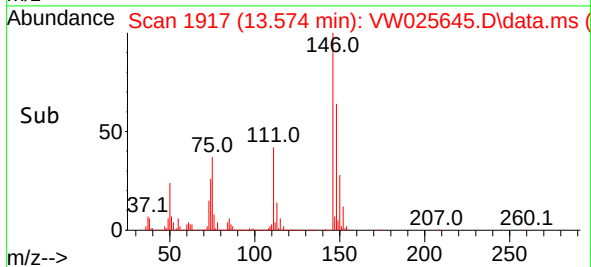
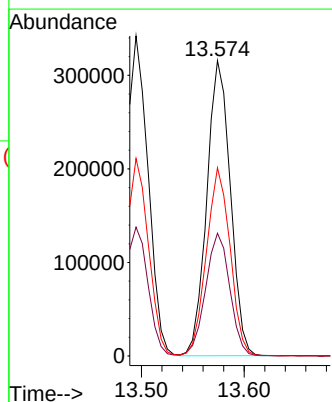
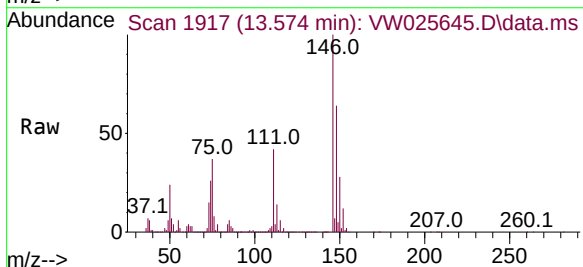
Tgt Ion:146 Resp: 502132

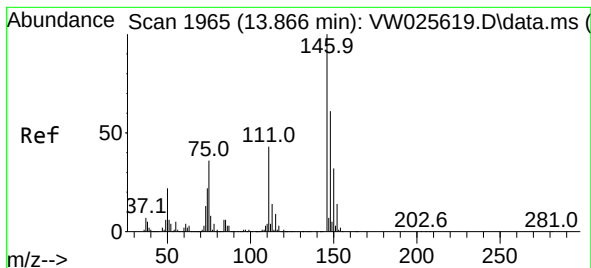
Ion Ratio Lower Upper

146 100

111 41.6 30.4 56.5

148 63.7 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 27.511 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

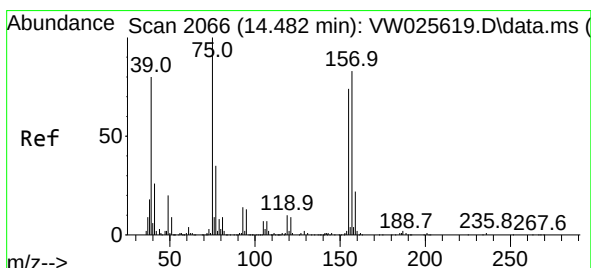
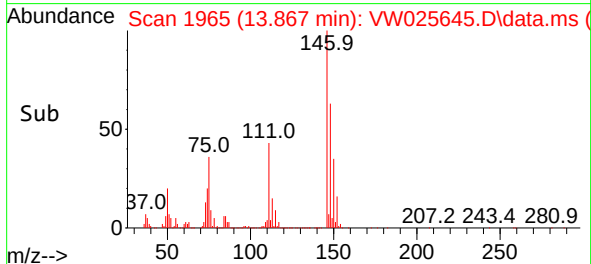
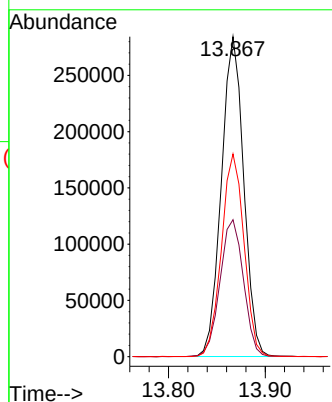
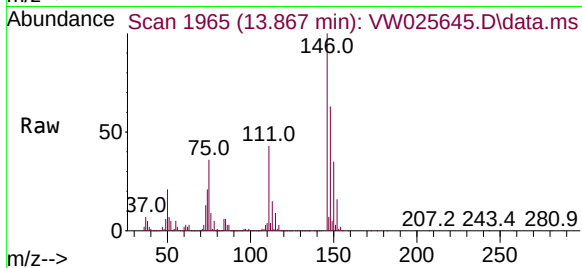
Tgt Ion:146 Resp: 455628

Ion Ratio Lower Upper

146 100

111 42.8 35.3 52.9

148 63.4 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.701 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

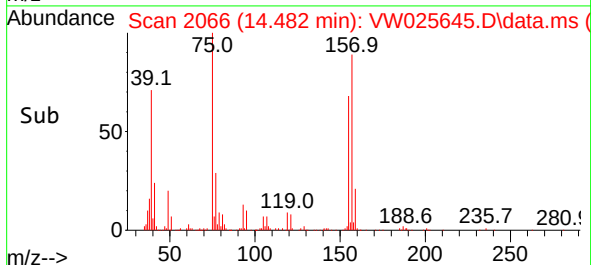
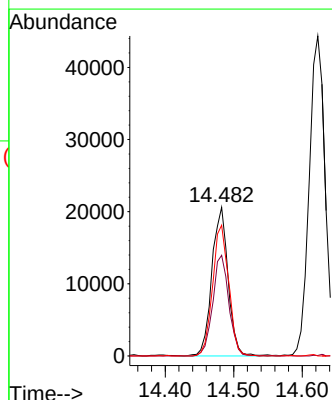
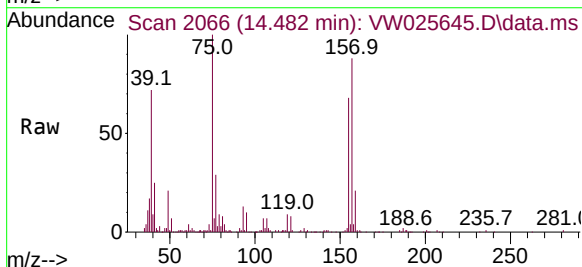
Tgt Ion: 75 Resp: 34005

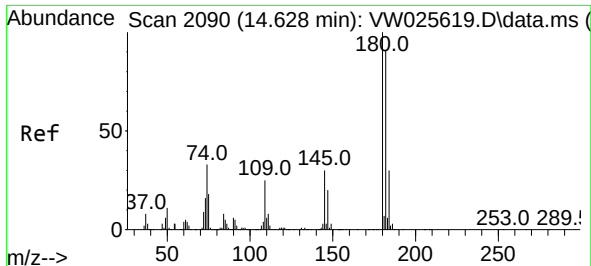
Ion Ratio Lower Upper

75 100

155 67.6 61.1 91.7

157 87.9 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 26.462 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

Tgt Ion:180 Resp: 334696

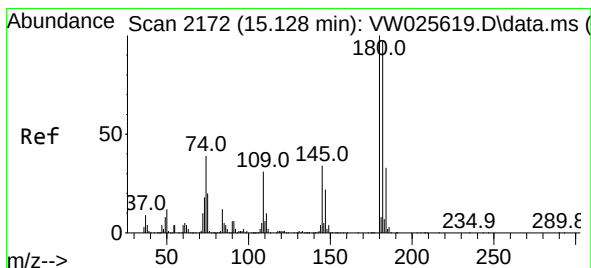
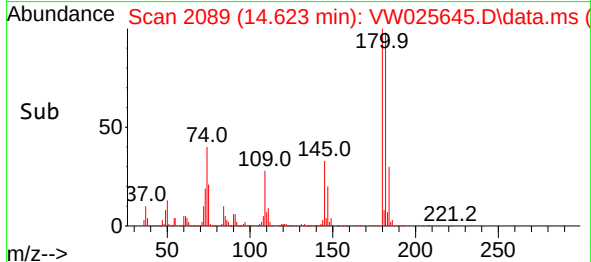
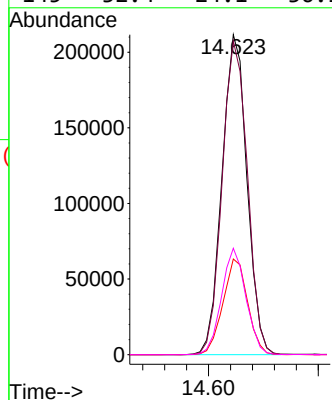
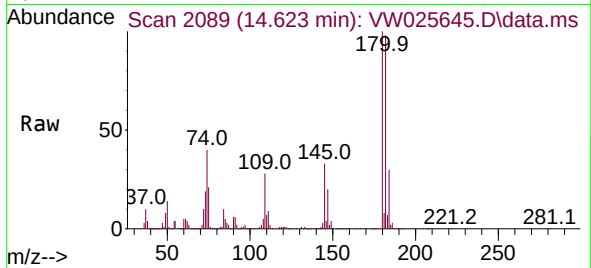
Ion Ratio Lower Upper

180 100

182 99.0 76.4 114.6

184 29.6 24.1 36.1

145 32.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 27.430 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

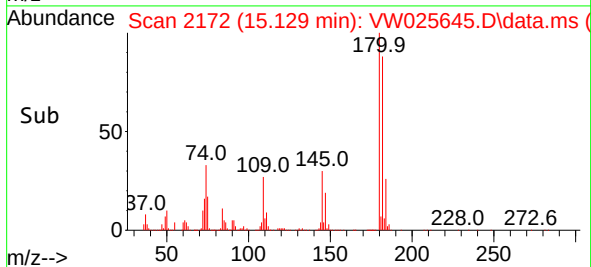
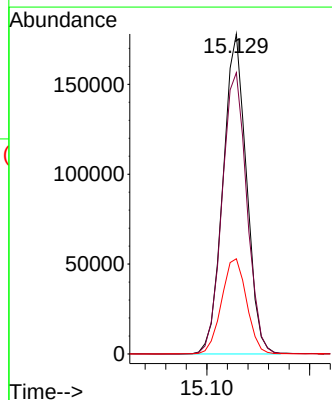
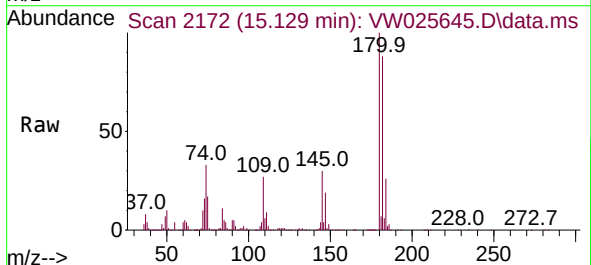
Tgt Ion:180 Resp: 281834

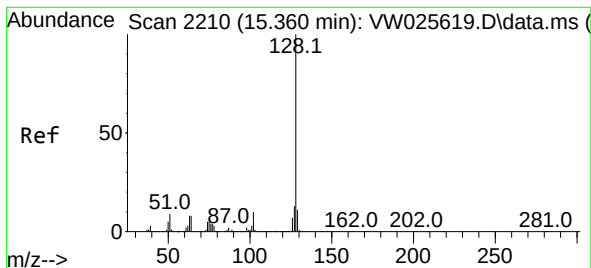
Ion Ratio Lower Upper

180 100

182 92.8 79.5 119.3

145 31.8 27.4 41.0





#71

Naphthalene

Concen: 27.431 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

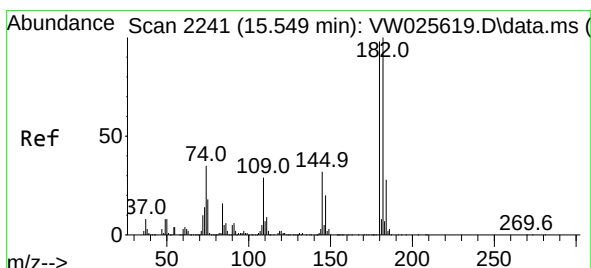
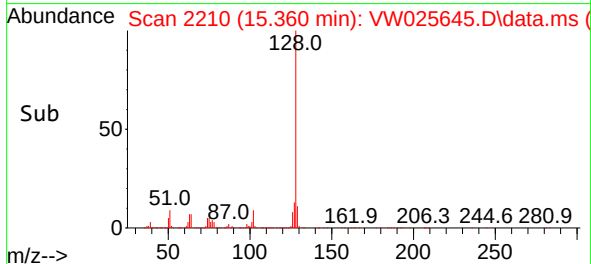
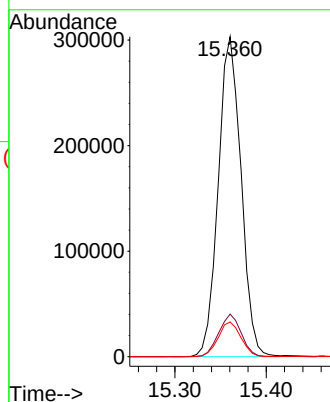
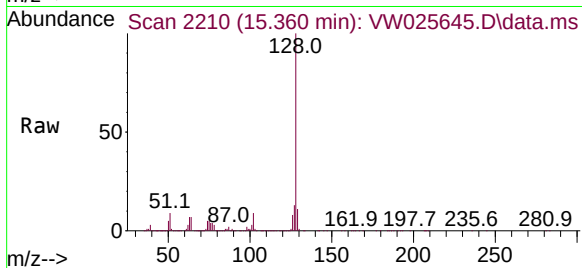
Tgt Ion:128 Resp: 525910

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.720 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025645.D

Acq: 24 Apr 2023 08:36

Tgt Ion:180 Resp: 249013

Ion Ratio Lower Upper

180 100

182 91.4 72.9 109.3

145 32.8 27.0 40.6

