

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
 Data File : VW025669.D
 Acq On : 25 Apr 2023 08:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Apr 26 01:10:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 25 01:06:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	653804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	562812	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	289356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	200854	18.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.520%
7) Chloroethane-d5	2.893	69	158934	20.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.920%
11) 1,1-Dichloroethene-d2	4.021	63	458117	21.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.160%
21) 2-Butanone-d5	7.069	46	140306	59.114	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.220%
24) Chloroform-d	7.648	84	438565	23.891	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.307	65	235011	24.608	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.440%
32) Benzene-d6	8.276	84	869508	23.860	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.440%
36) 1,2-Dichloropropane-d6	9.276	67	281986	24.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	10.325	98	770447	24.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	10.575	79	106452	24.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.922	63	95855	61.716	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220176	28.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.840%
66) 1,2-Dichlorobenzene-d4	13.855	152	237834	23.925	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	188275	20.593	ug/L	92
3) Chloromethane	2.222	50	246432	23.232	ug/L	99
5) Vinyl chloride	2.369	62	280408	23.913	ug/L	96
6) Bromomethane	2.789	94	142773	22.634	ug/L	99
8) Chloroethane	2.936	64	154863	23.581	ug/L	99
9) Trichlorofluoromethane	3.265	101	225746	24.989	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	233522	25.760	ug/L	99
12) 1,1-Dichloroethene	4.045	96	214377	23.626	ug/L	89
13) Acetone	4.118	43	136535	67.969	ug/L	99
14) Carbon disulfide	4.387	76	667772	20.859	ug/L	100
15) Methyl Acetate	4.667	43	116085	25.722	ug/L	98
16) Methylene chloride	4.917	84	251173	24.169	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	224016	23.221	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	331568	24.905	ug/L	100
19) 1,1-Dichloroethane	6.216	63	479467	24.876	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	242601	24.170	ug/L	96
22) 2-Butanone	7.167	43	165626	57.999	ug/L	99
23) Bromochloromethane	7.514	128	98932	24.034	ug/L	95
25) Chloroform	7.679	83	440024	24.965	ug/L	93

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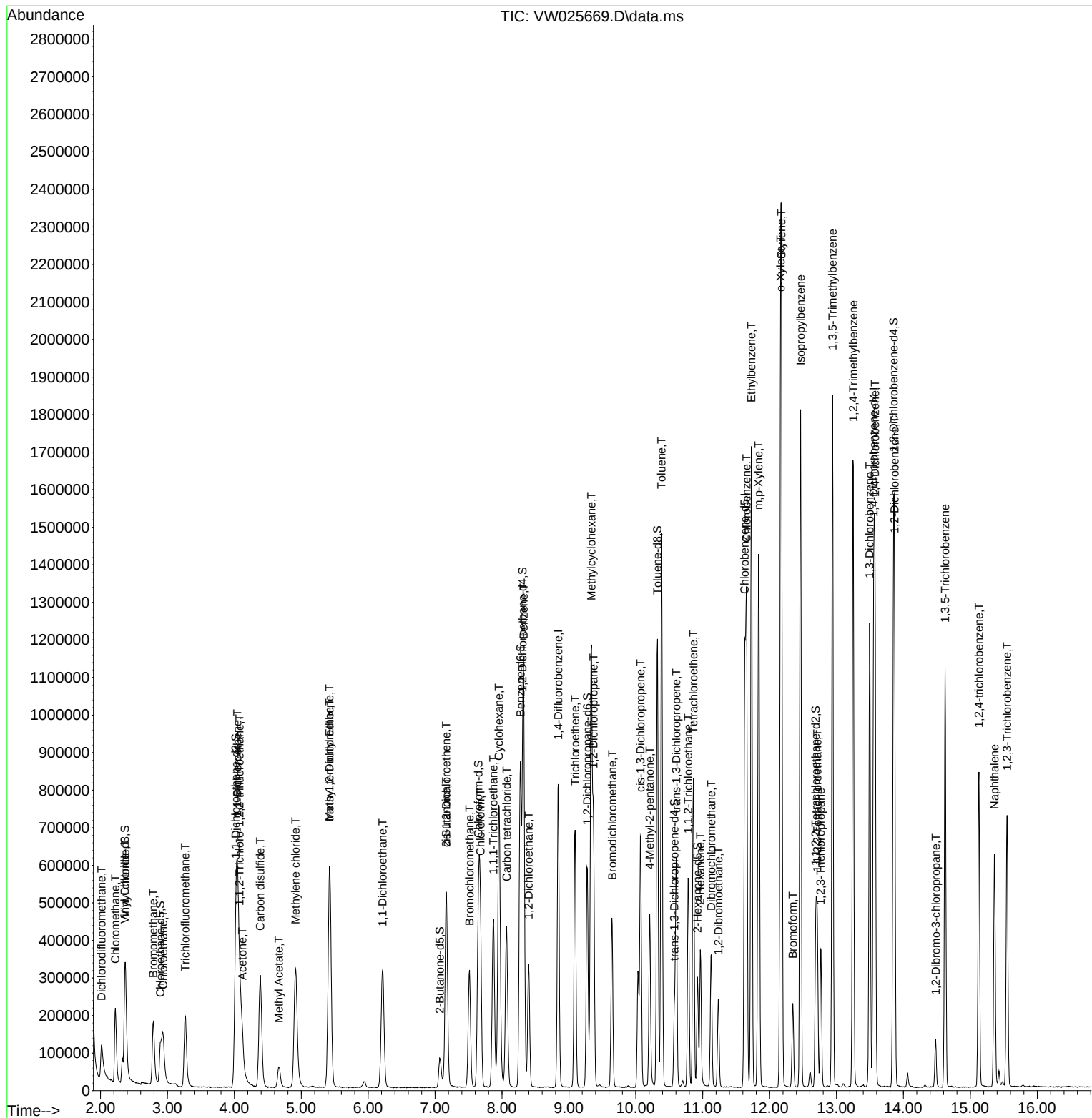
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296461	25.065	ug/L	99
29) Cyclohexane	7.953	56	441801	24.253	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	355735	25.438	ug/L	99
31) Carbon tetrachloride	8.069	117	322055	25.502	ug/L	99
33) Benzene	8.325	78	975388	24.899	ug/L	100
34) Trichloroethene	9.093	95	246698	24.211	ug/L	97
35) Methylcyclohexane	9.337	83	448046	24.351	ug/L	99
37) 1,2-Dichloropropane	9.367	63	266105	25.721	ug/L	99
38) Bromodichloromethane	9.648	83	303942	25.677	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	388547	26.182	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	325141	55.523	ug/L	99
42) Toluene	10.386	91	1014121	25.423	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	319694	26.124	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	170015	25.772	ug/L	98
46) Tetrachloroethene	10.861	164	176486	24.627	ug/L	91
48) 2-Hexanone	10.965	43	241672	59.729	ug/L	100
49) Dibromochloromethane	11.129	129	179706	25.874	ug/L	97
50) 1,2-Dibromoethane	11.233	107	158496	26.149	ug/L	97
51) Chlorobenzene	11.654	112	615990	25.060	ug/L	97
52) Ethylbenzene	11.727	91	1152124	25.523	ug/L	99
53) m,p-Xylene	11.837	106	423002	25.553	ug/L	99
54) o-Xylene	12.166	106	403759	26.072	ug/L	93
55) Styrene	12.178	104	697731	26.767	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	213045	26.962	ug/L	100
59) Bromoform	12.349	173	101324	25.554	ug/L	96
60) Isopropylbenzene	12.465	105	1152376	25.424	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155537	25.935	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	923122	25.799	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	879164	25.517	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	455994	24.276	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	455892	23.765	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	410301	24.916	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	33823	25.710	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	309263	24.592	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	234301	22.935	ug/L	98
71) Naphthalene	15.360	128	493275	25.877	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	218980	24.517	ug/L	95

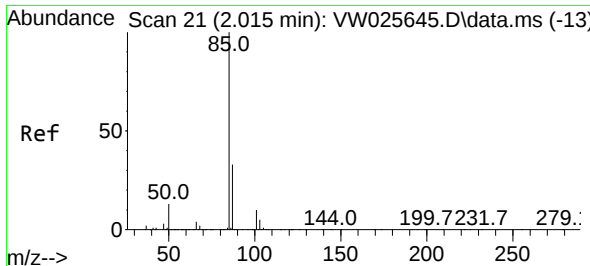
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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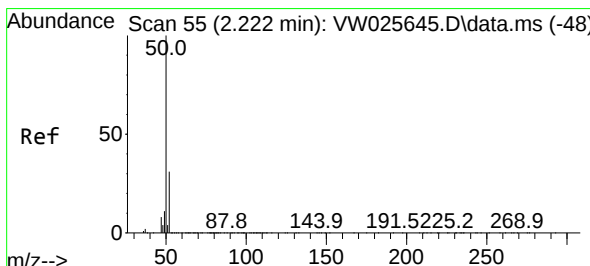
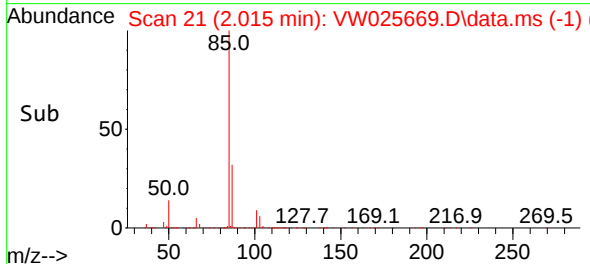
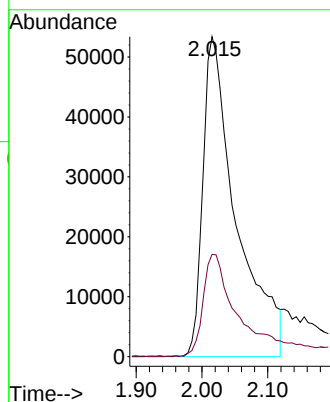
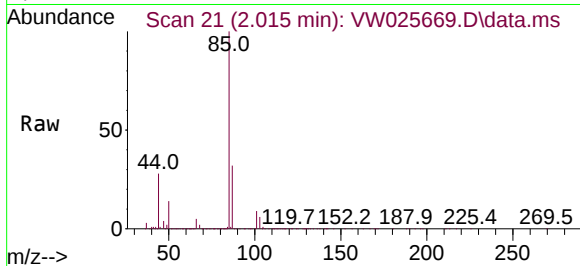




#2
 Dichlorodifluoromethane
 Concen: 20.593 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025669.D
 Acq: 25 Apr 2023 08:52

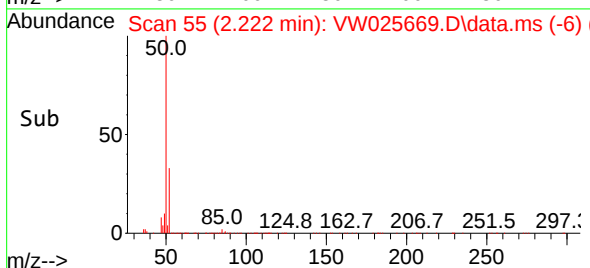
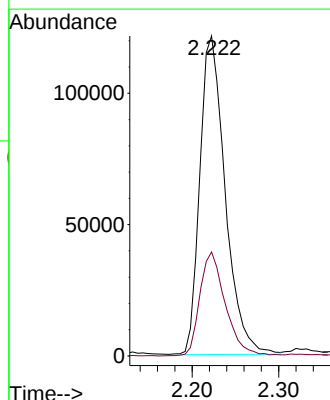
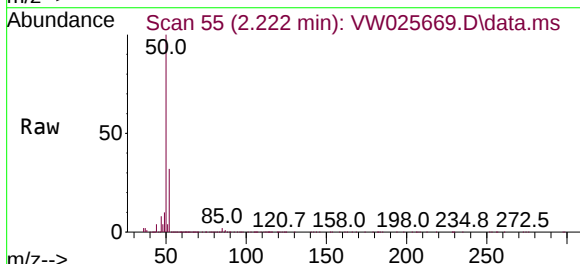
Instrument :
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 ClientSampleId :
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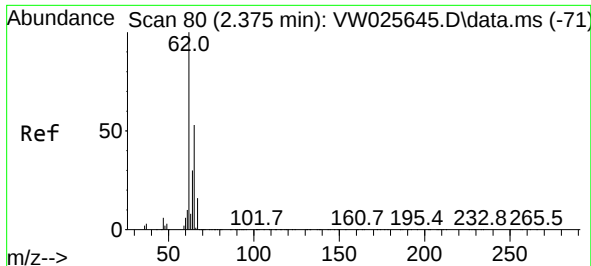
Tgt Ion: 85 Resp: 188275
 Ion Ratio Lower Upper
 85 100
 87 35.3 24.6 37.0



#3
 Chloromethane
 Concen: 23.232 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025669.D
 Acq: 25 Apr 2023 08:52

Tgt Ion: 50 Resp: 246432
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.2 41.2

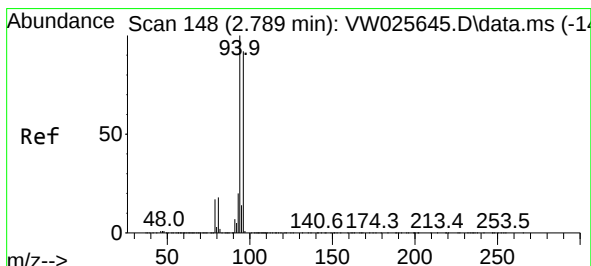
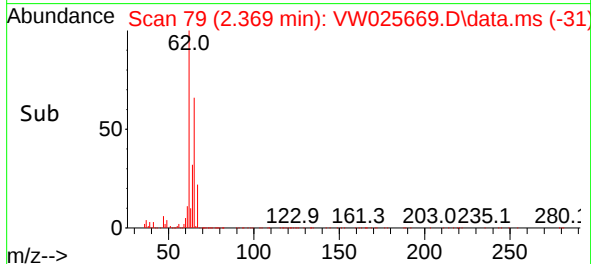
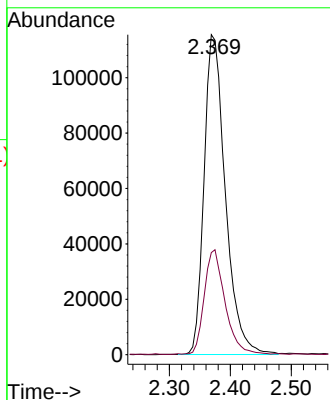
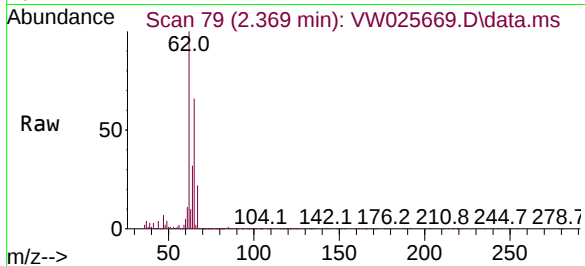




#5
 Vinyl chloride
 Concen: 23.913 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025669.D
 Acq: 25 Apr 2023 08:52

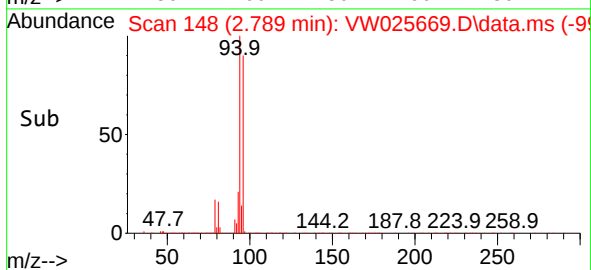
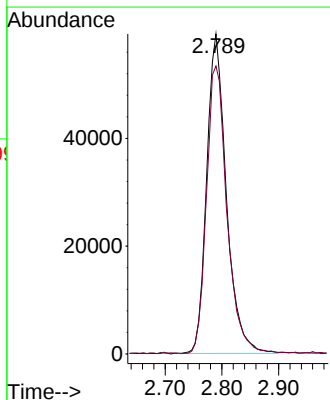
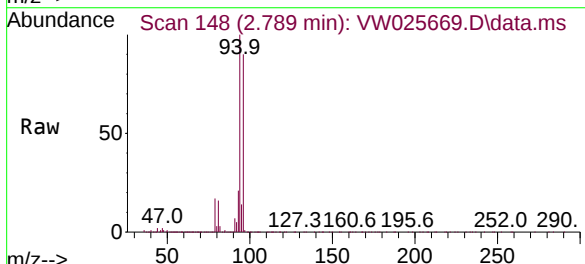
Instrument :
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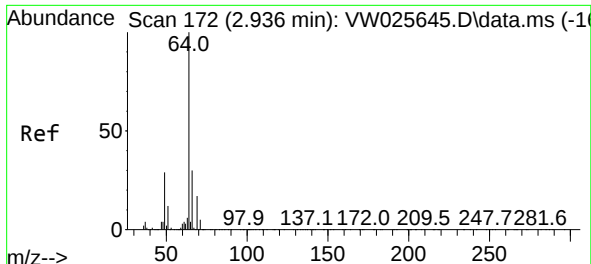
Tgt Ion: 62 Resp: 280408
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.9 44.3



#6
 Bromomethane
 Concen: 22.634 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025669.D
 Acq: 25 Apr 2023 08:52

Tgt Ion: 94 Resp: 142773
 Ion Ratio Lower Upper
 94 100
 96 90.0 64.0 118.8

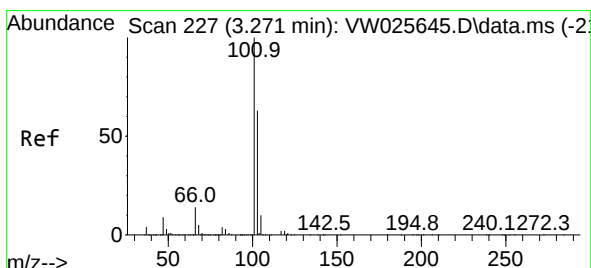
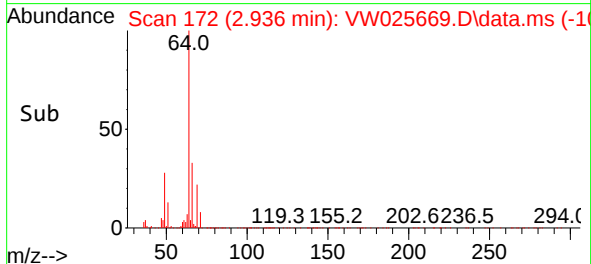
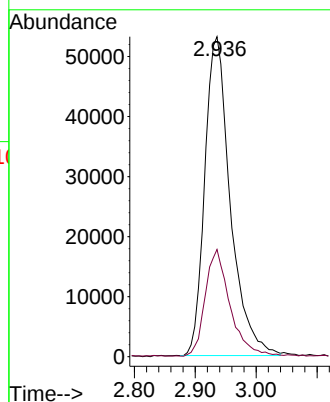
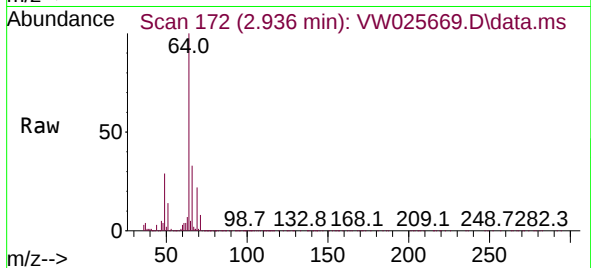




#8
Chloroethane
Concen: 23.581 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

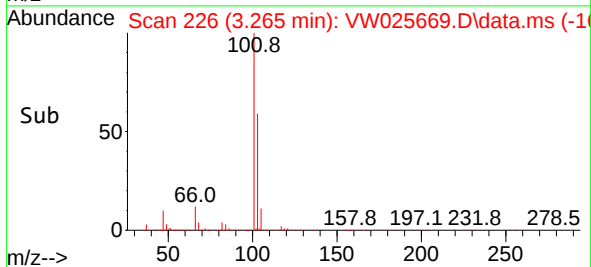
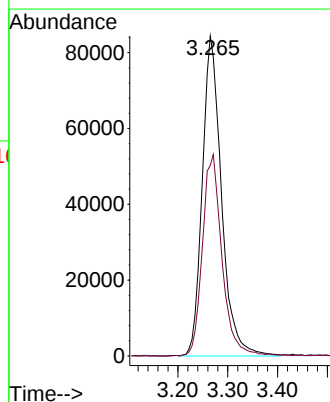
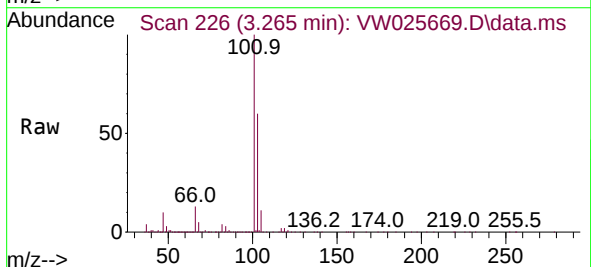
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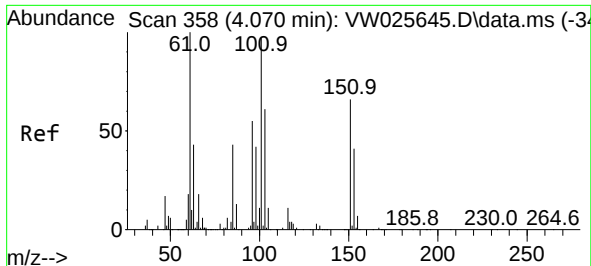
Tgt Ion: 64 Resp: 154863
Ion Ratio Lower Upper
64 100
66 33.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.989 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 101 Resp: 225746
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.760 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

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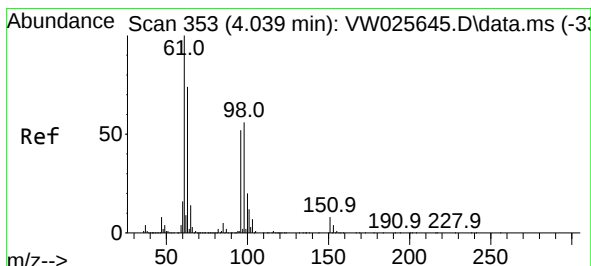
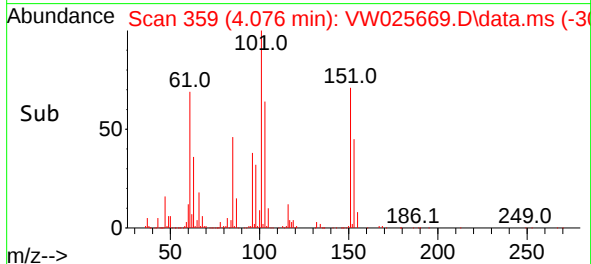
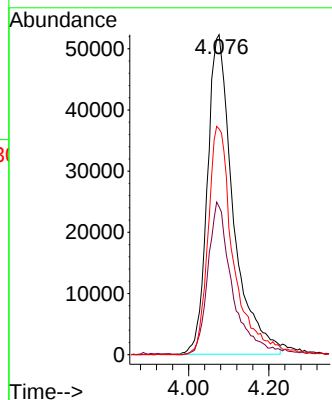
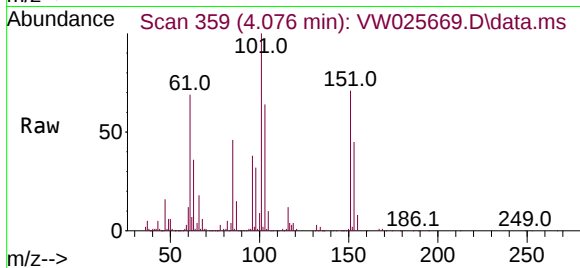
Tgt Ion:101 Resp: 233522

Ion Ratio Lower Upper

101 100

85 44.4 34.5 51.7

151 67.7 54.8 82.2



#12

1,1-Dichloroethene

Concen: 23.626 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW025669.D

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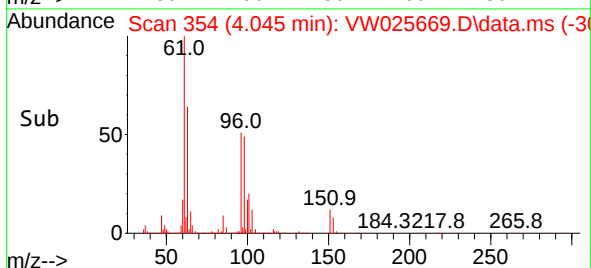
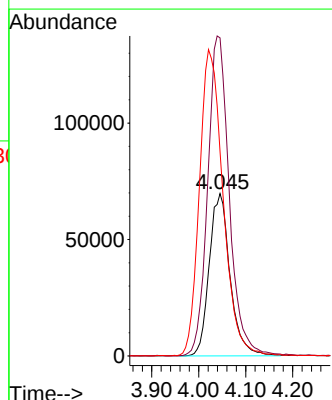
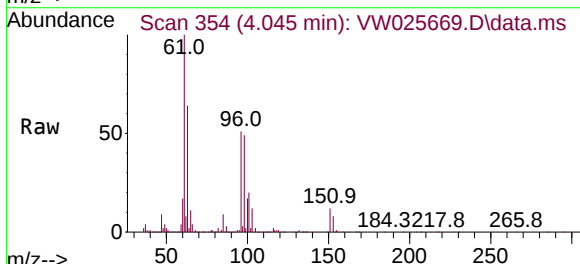
Tgt Ion: 96 Resp: 214377

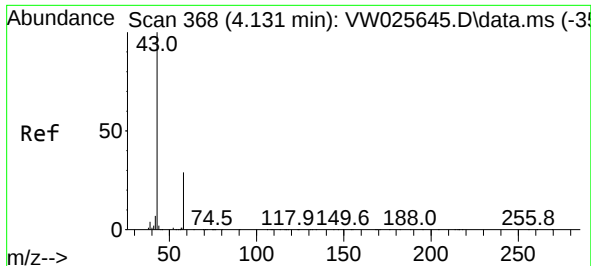
Ion Ratio Lower Upper

96 100

61 195.8 132.7 246.4

63 125.7 105.0 195.0

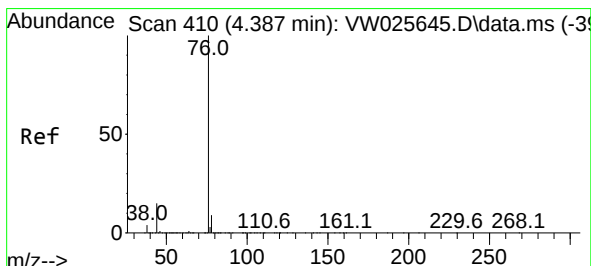
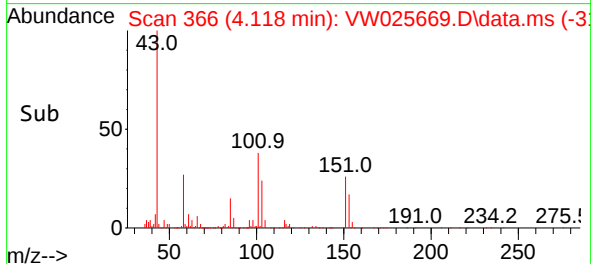
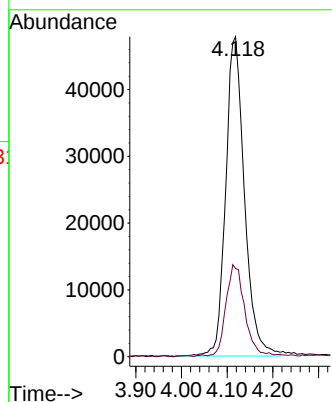
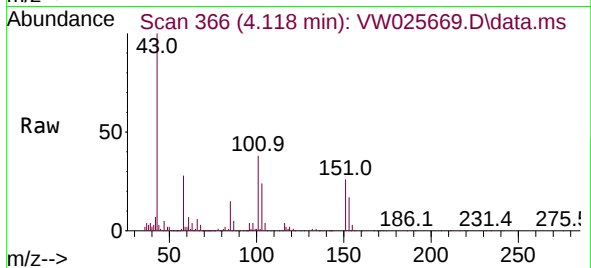




#13
Acetone
Concen: 67.969 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
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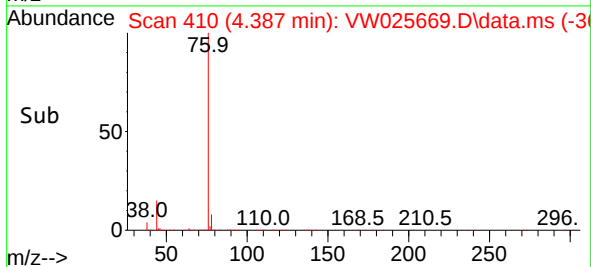
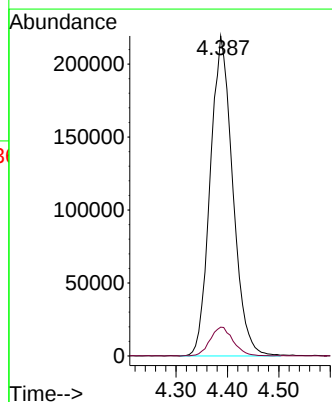
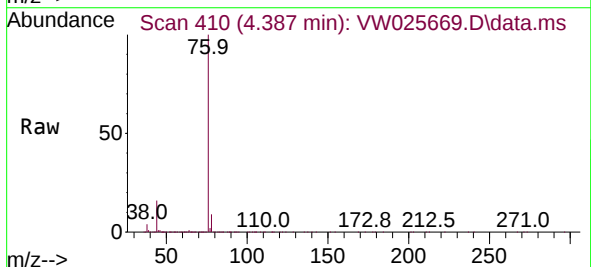
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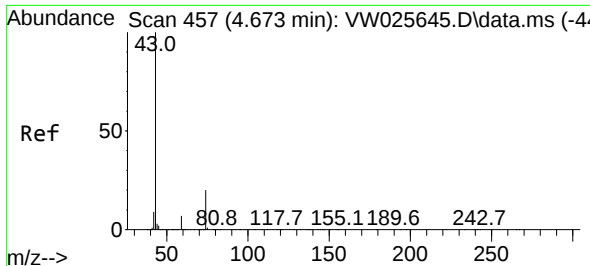
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Ion Ratio Lower Upper
43 100
58 27.9 0.0 57.4



#14
Carbon disulfide
Concen: 20.859 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 76 Resp: 667772
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

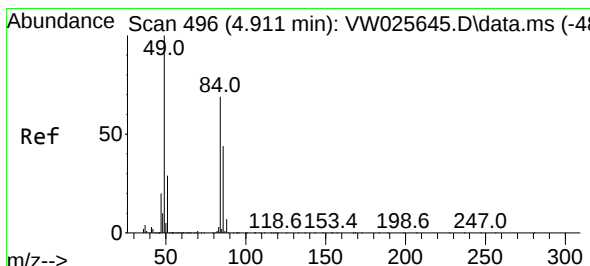
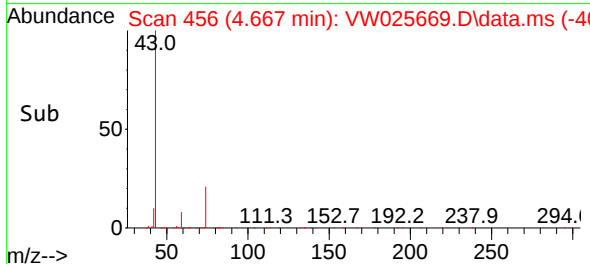
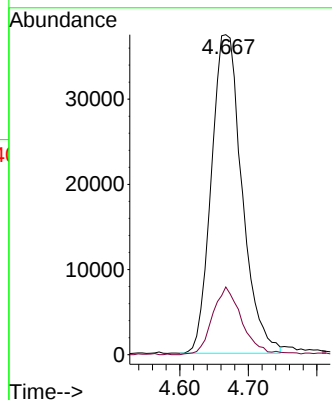
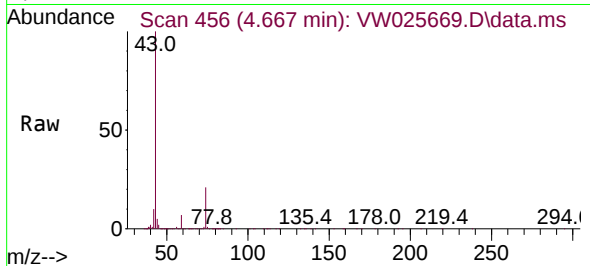




#15
Methyl Acetate
Concen: 25.722 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

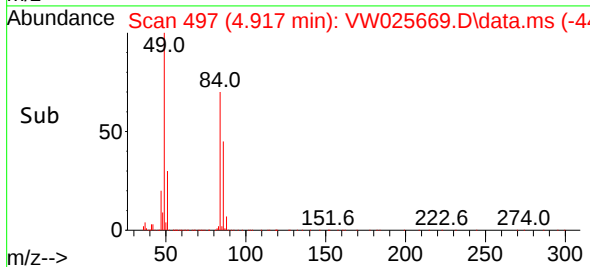
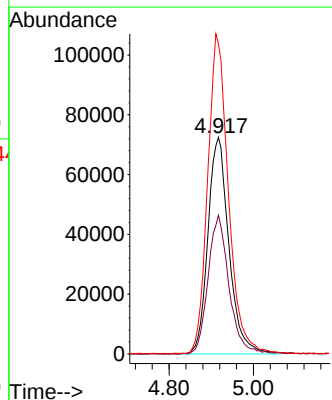
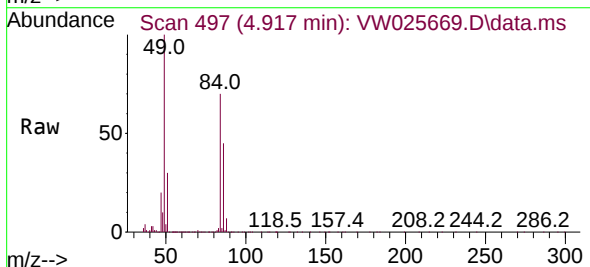
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

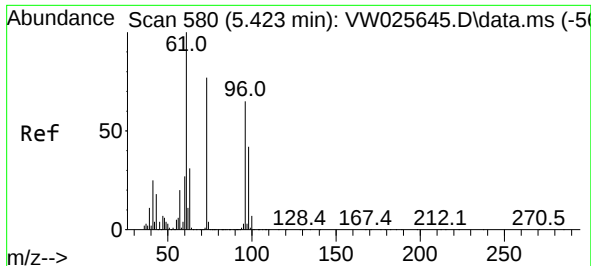
Tgt Ion: 43 Resp: 116085
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4



#16
Methylene chloride
Concen: 24.169 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 84 Resp: 251173
Ion Ratio Lower Upper
84 100
86 64.0 44.9 83.3
49 143.2 101.4 188.4

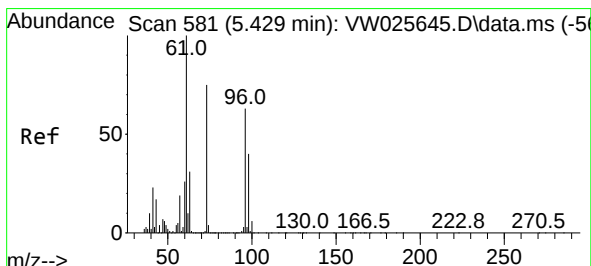
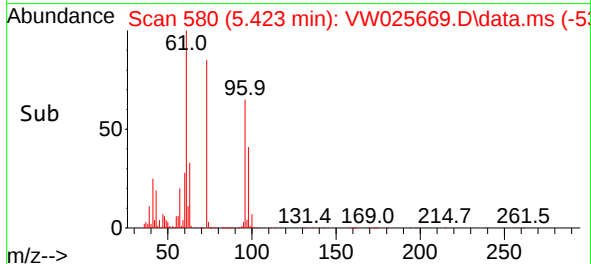
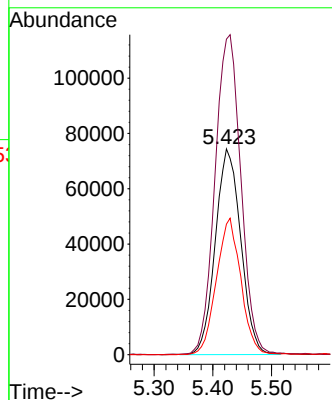
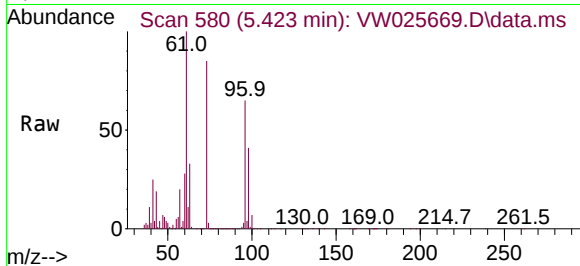




#17
trans-1,2-Dichloroethene
Concen: 23.221 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

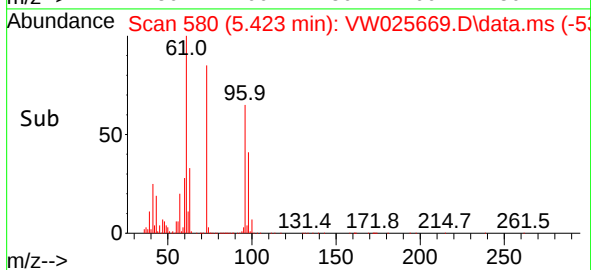
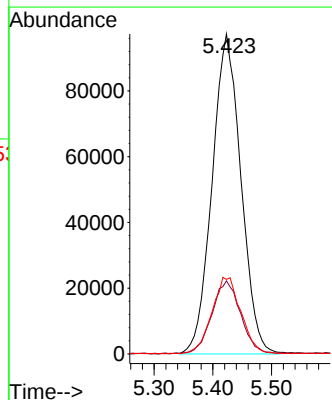
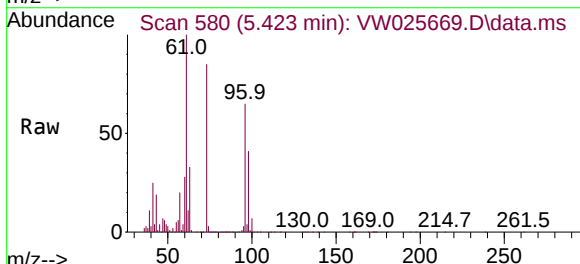
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

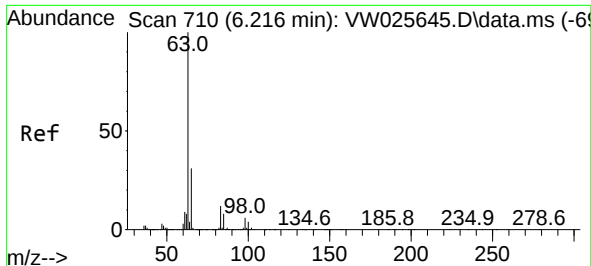
Tgt Ion: 96 Resp: 224016
Ion Ratio Lower Upper
96 100
61 153.4 113.3 210.3
98 63.5 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 24.905 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 73 Resp: 331568
Ion Ratio Lower Upper
73 100
43 22.5 17.8 26.6
57 23.9 19.0 28.6





#19

1,1-Dichloroethane

Concen: 24.876 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

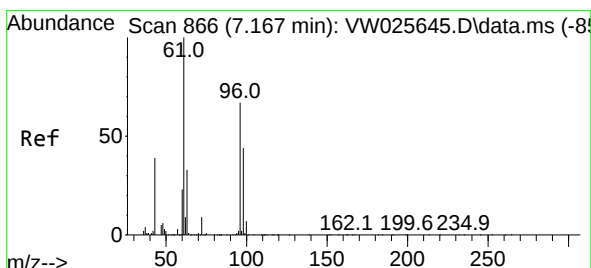
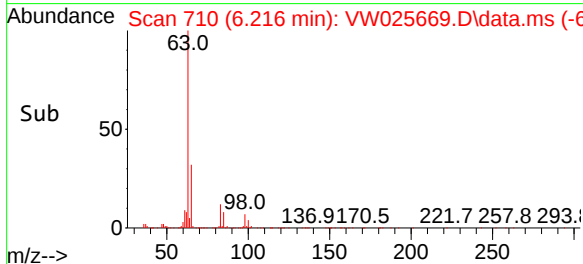
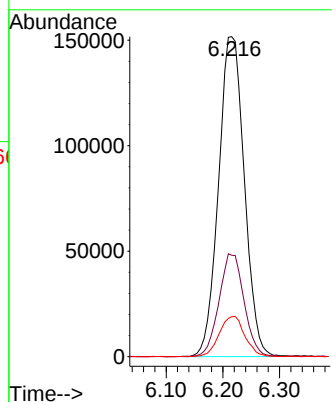
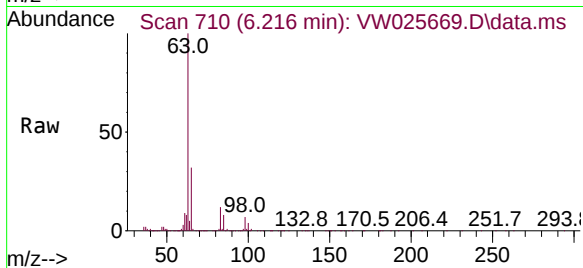
Tgt Ion: 63 Resp: 479467

Ion Ratio Lower Upper

63 100

65 31.7 21.9 40.7

83 12.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.170 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

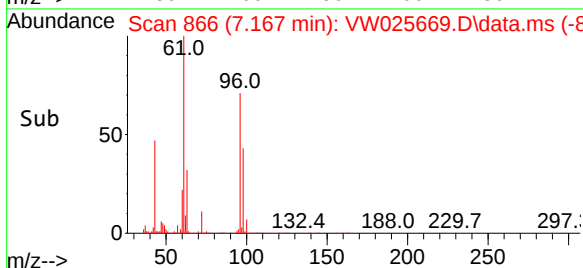
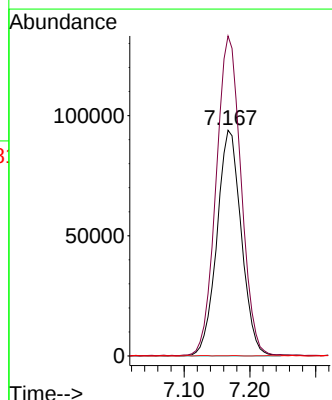
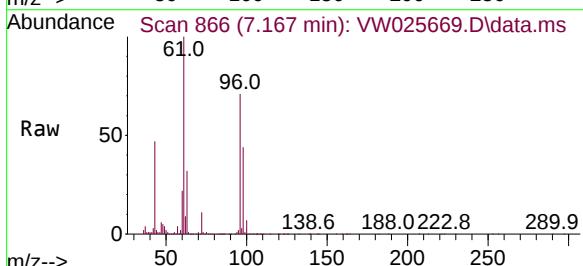
Tgt Ion: 96 Resp: 242601

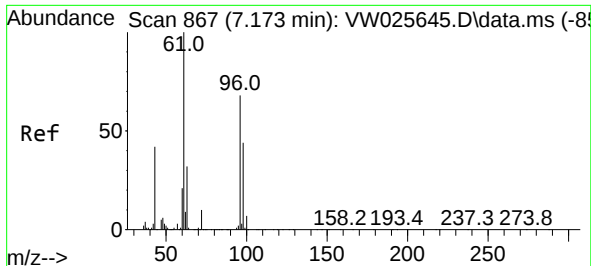
Ion Ratio Lower Upper

96 100

61 141.7 102.6 190.6

68 0.1 0.1 0.1

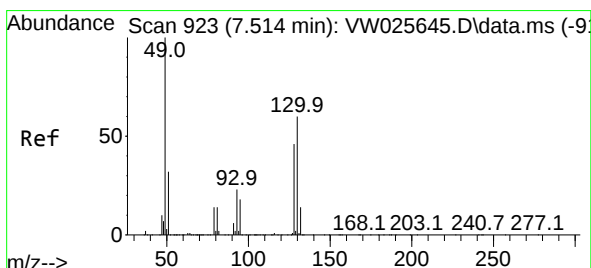
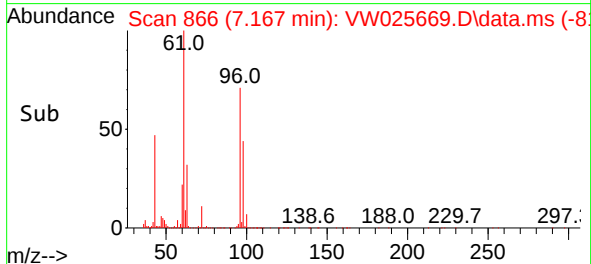
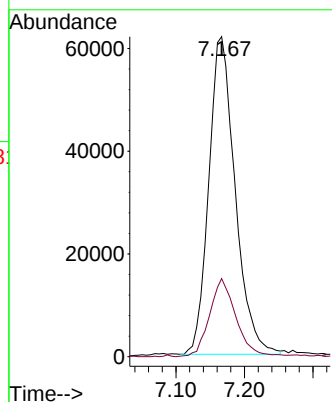
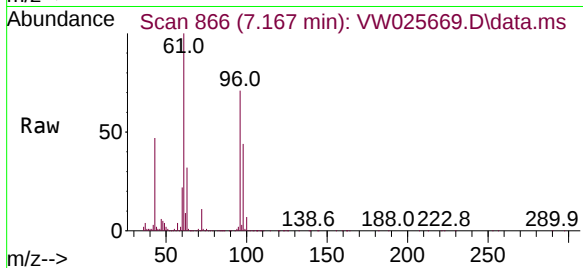




#22
2-Butanone
Concen: 57.999 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

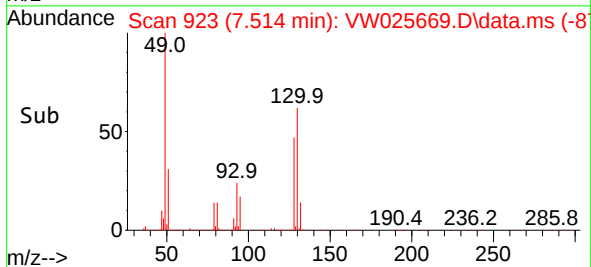
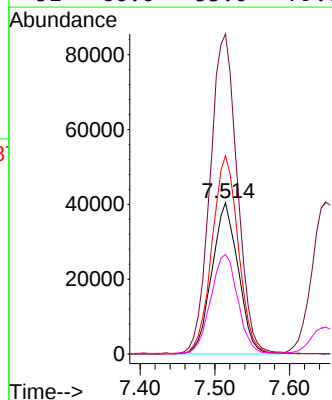
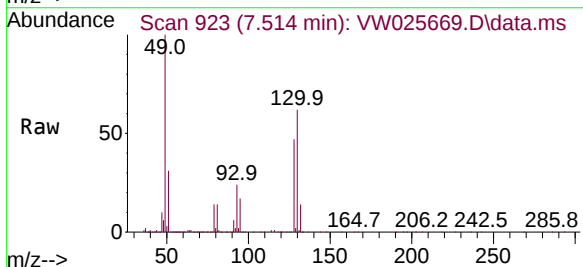
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

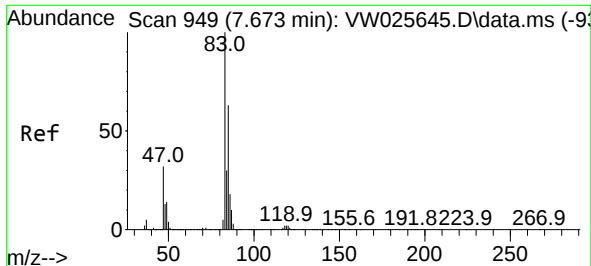
Tgt Ion: 43 Resp: 165626
Ion Ratio Lower Upper
43 100
72 24.4 12.0 36.0



#23
Bromochloromethane
Concen: 24.034 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 128 Resp: 98932
Ion Ratio Lower Upper
128 100
49 211.7 141.7 263.3
130 131.2 86.7 160.9
51 66.0 53.0 79.6

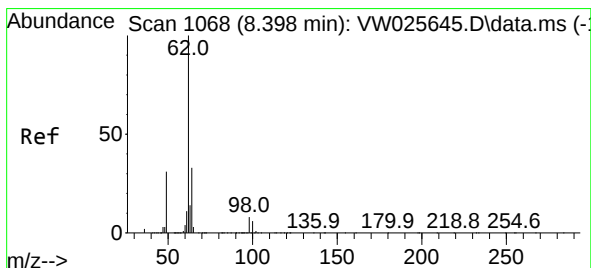
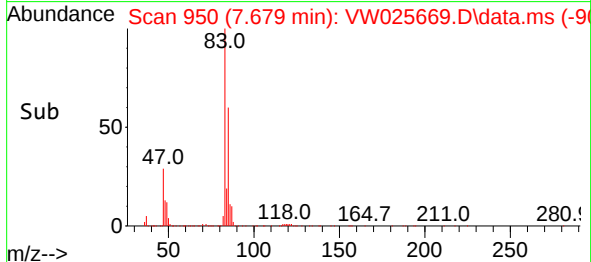
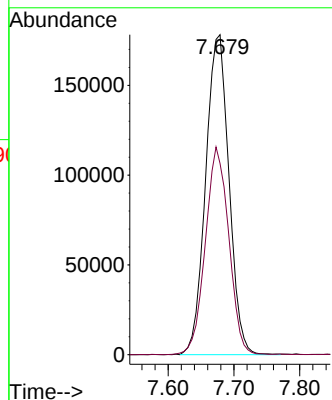
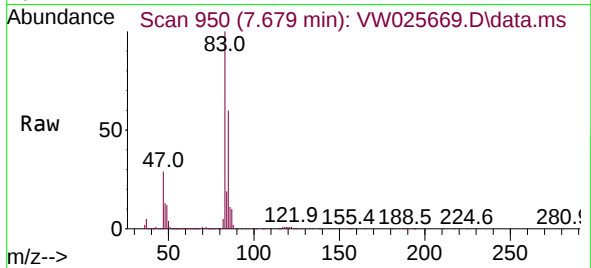




#25
Chloroform
Concen: 24.965 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

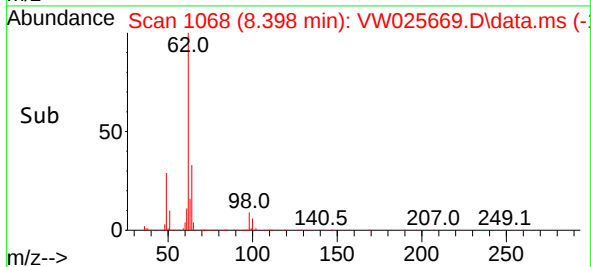
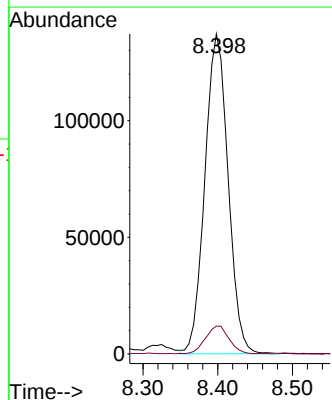
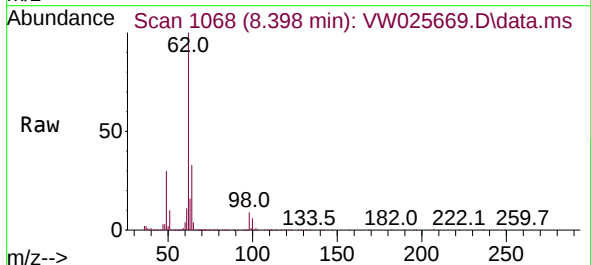
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

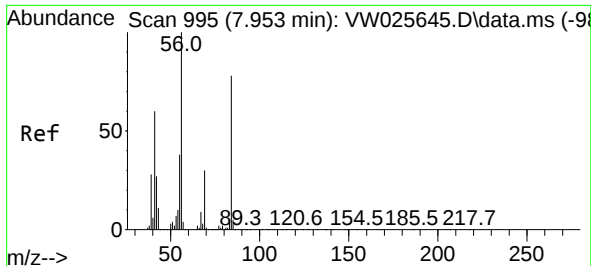
Tgt Ion: 83 Resp: 440024
Ion Ratio Lower Upper
83 100
85 59.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 25.065 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 62 Resp: 296461
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0

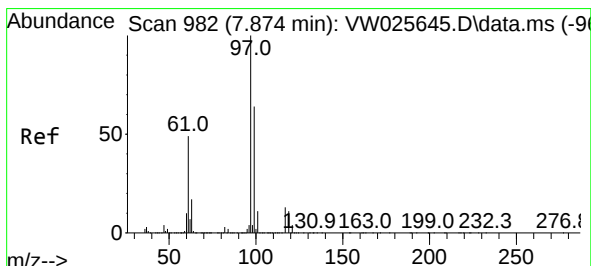
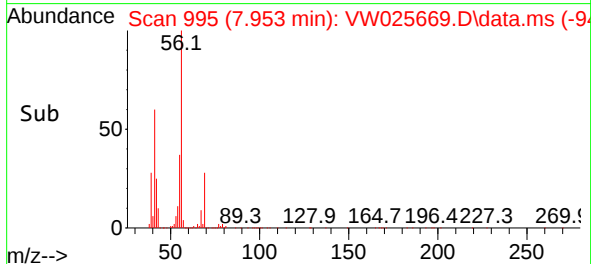
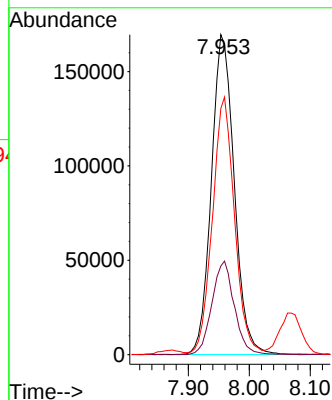
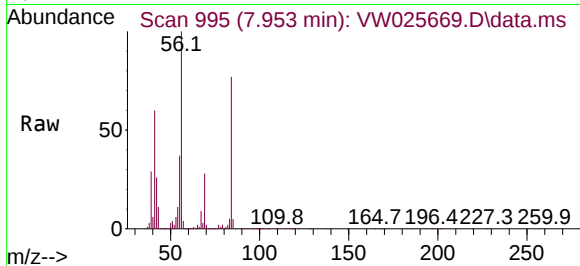




#29
Cyclohexane
Concen: 24.253 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

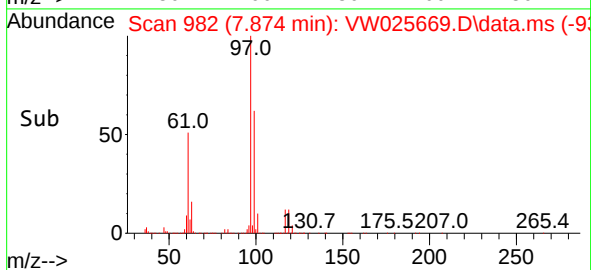
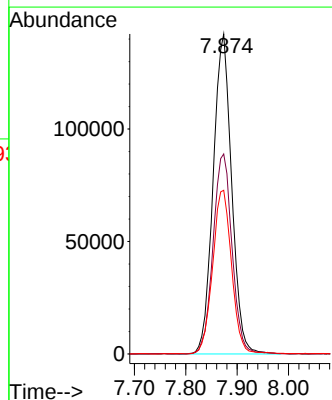
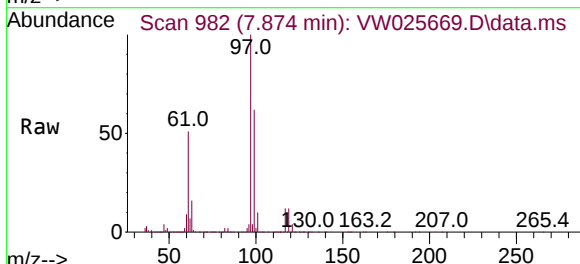
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

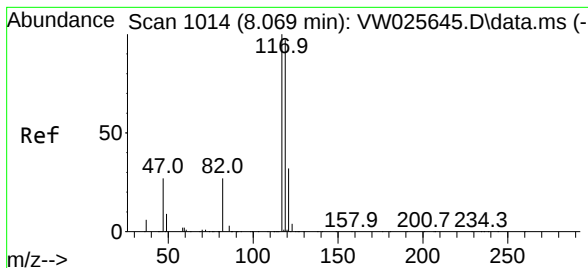
Tgt Ion: 56 Resp: 441801
Ion Ratio Lower Upper
56 100
69 28.6 22.7 34.1
84 77.8 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 25.438 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 97 Resp: 355735
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 52.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 25.502 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

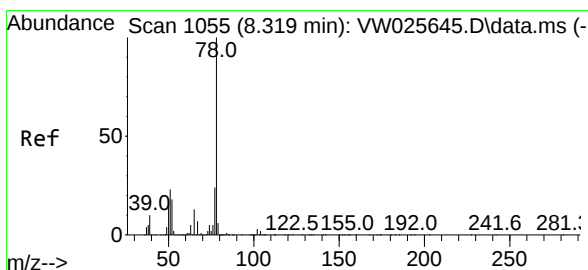
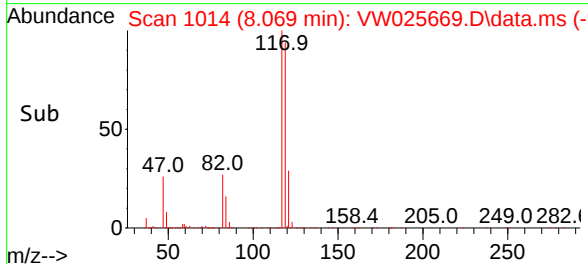
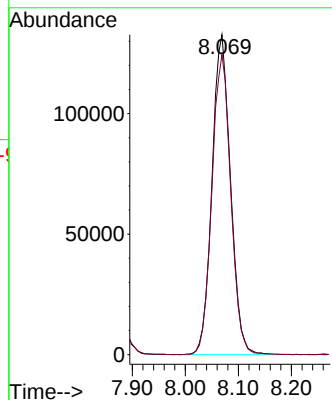
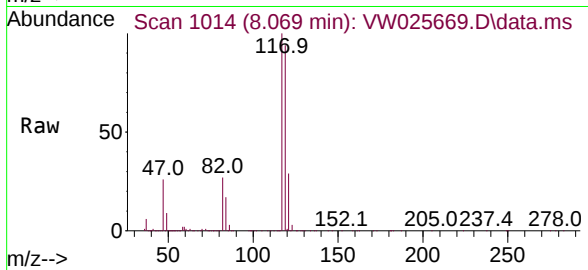
VSTD025579

Tgt Ion:117 Resp: 322055

Ion Ratio Lower Upper

117 100

119 95.4 75.7 113.5



#33

Benzene

Concen: 24.899 ug/L

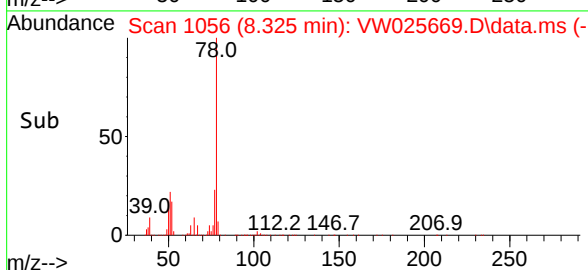
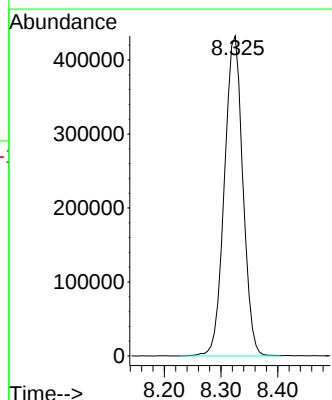
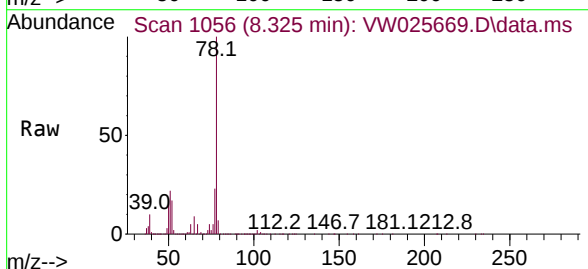
RT: 8.325 min Scan# 1056

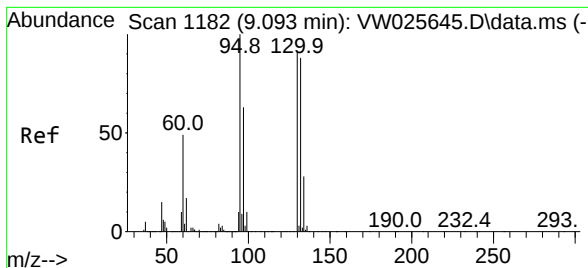
Delta R.T. 0.006 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Tgt Ion: 78 Resp: 975388





#34

Trichloroethene

Concen: 24.211 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

Tgt Ion: 95 Resp: 246698

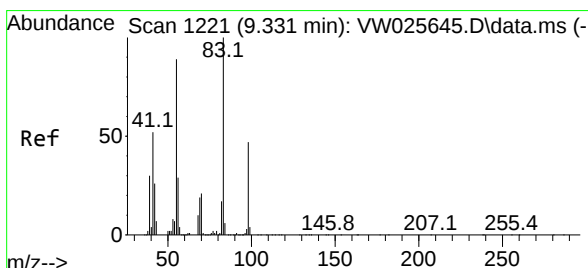
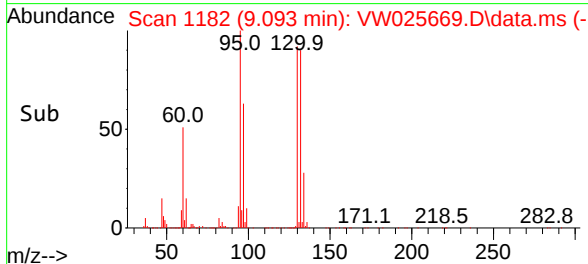
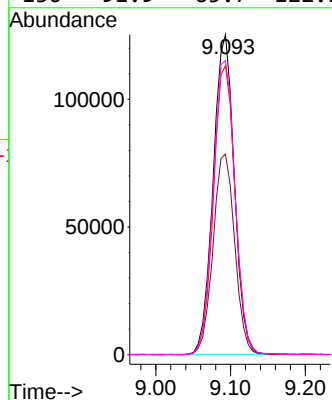
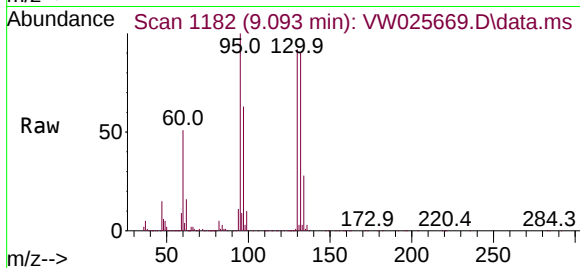
Ion Ratio Lower Upper

95 100

97 62.7 42.5 78.9

132 90.4 59.8 111.1

130 91.9 65.7 122.1



#35

Methylcyclohexane

Concen: 24.351 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

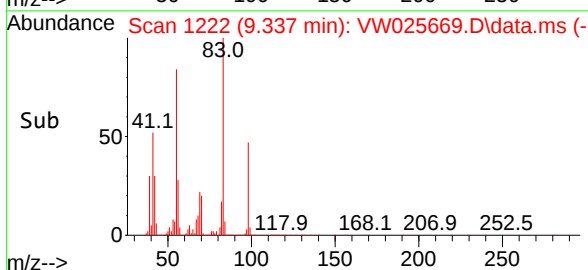
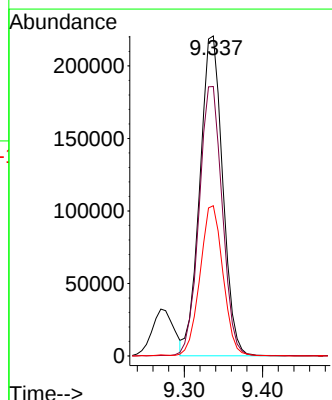
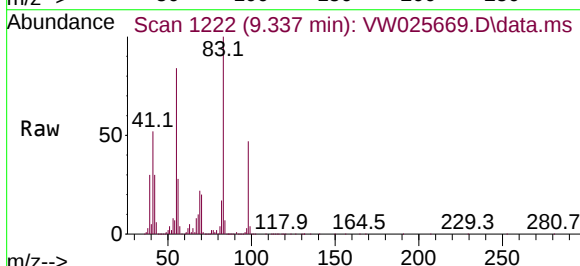
Tgt Ion: 83 Resp: 448046

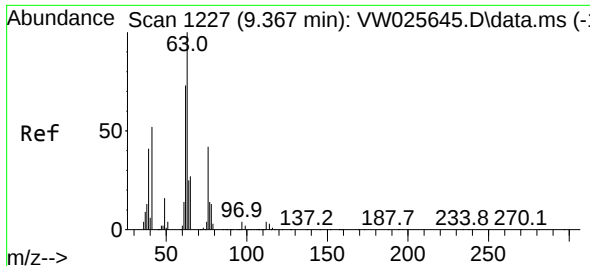
Ion Ratio Lower Upper

83 100

55 85.2 68.7 103.1

98 47.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.721 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

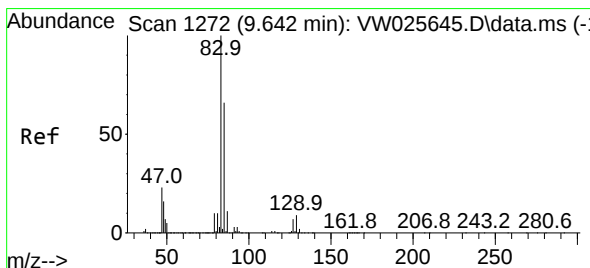
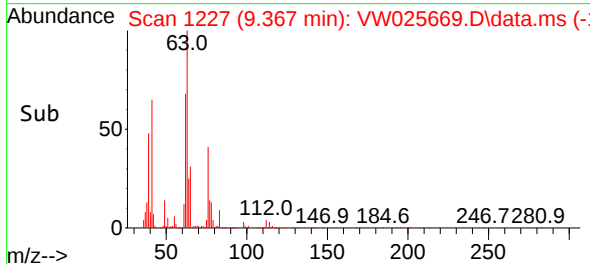
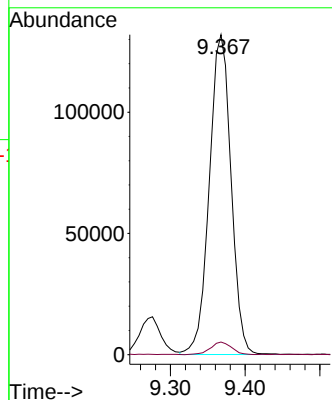
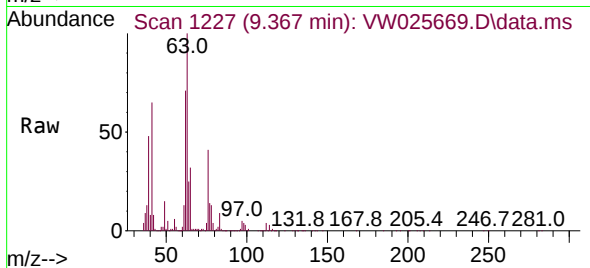
VSTD025579

Tgt Ion: 63 Resp: 266105

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.0



#38

Bromodichloromethane

Concen: 25.677 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

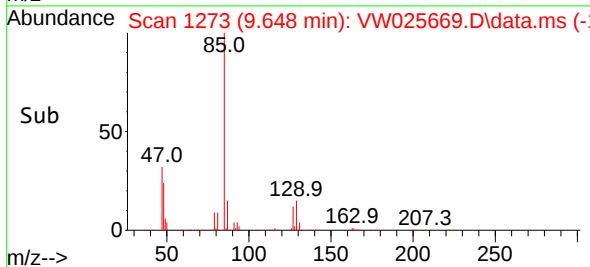
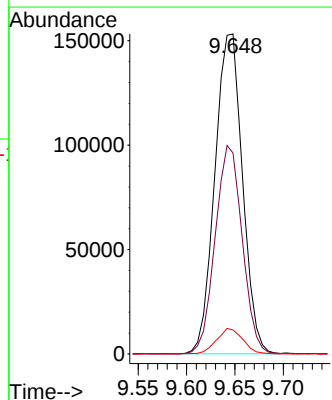
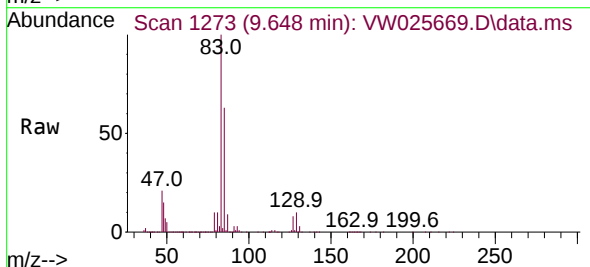
Tgt Ion: 83 Resp: 303942

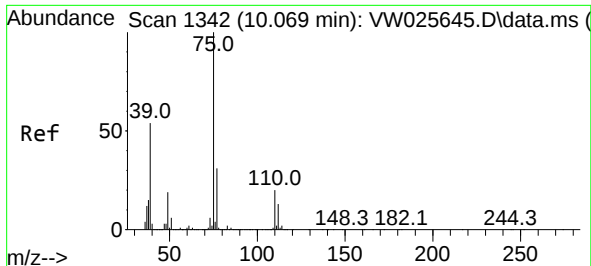
Ion Ratio Lower Upper

83 100

85 62.8 43.5 80.7

127 7.5 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 26.182 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

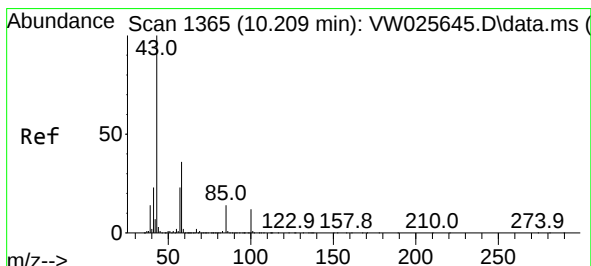
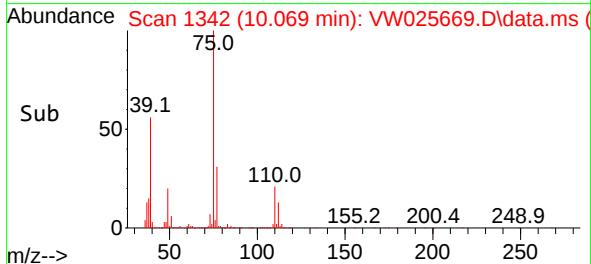
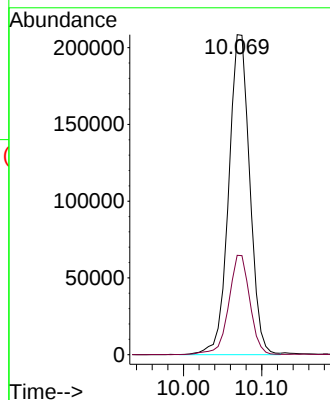
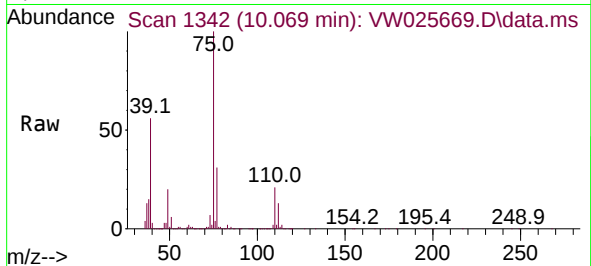
VSTD025579

Tgt Ion: 75 Resp: 388547

Ion Ratio Lower Upper

75 100

77 31.1 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 55.523 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

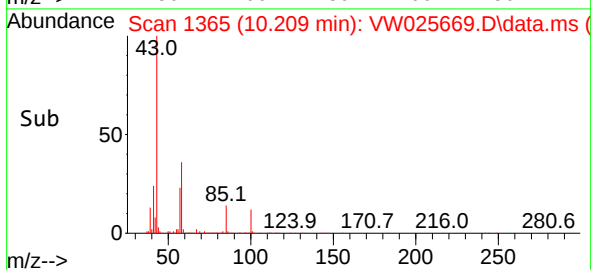
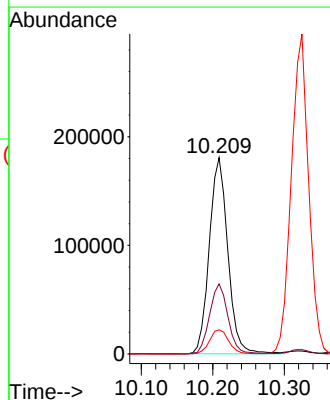
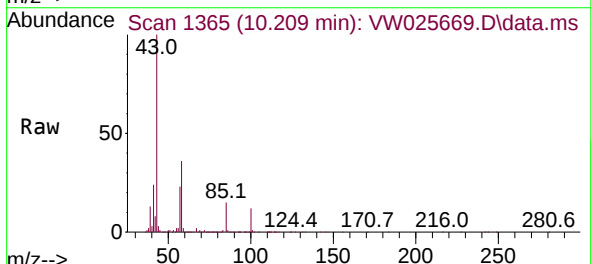
Tgt Ion: 43 Resp: 325141

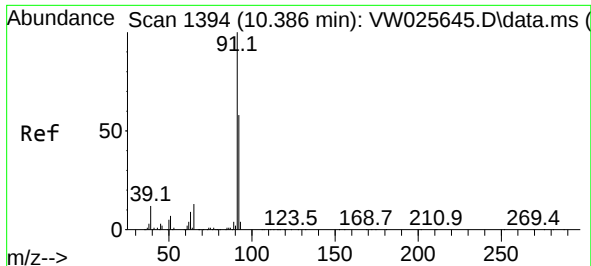
Ion Ratio Lower Upper

43 100

58 35.6 29.2 43.8

100 12.8 10.2 15.4

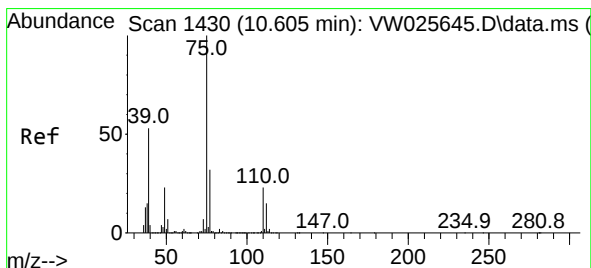
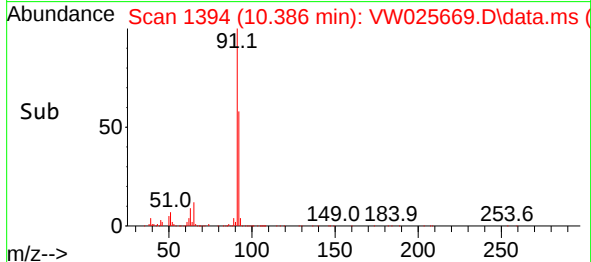
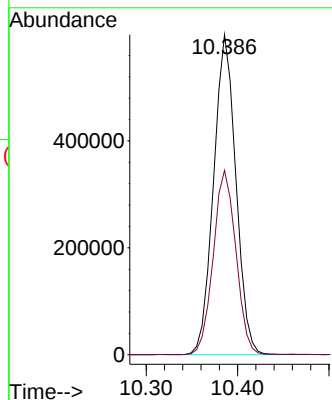
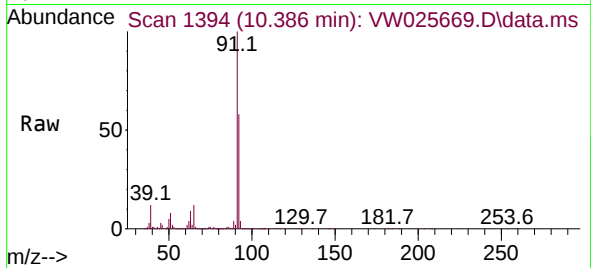




#42
Toluene
Concen: 25.423 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

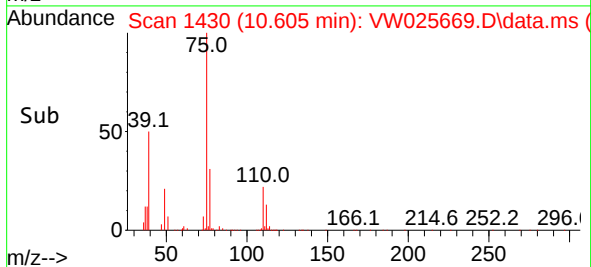
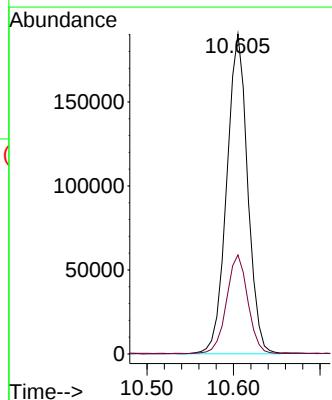
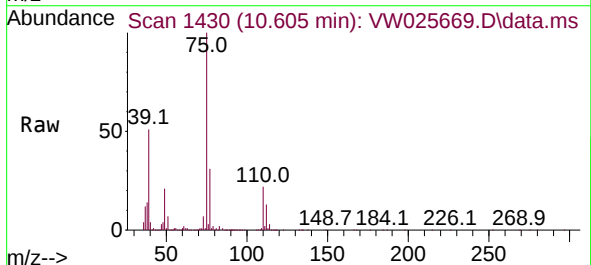
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

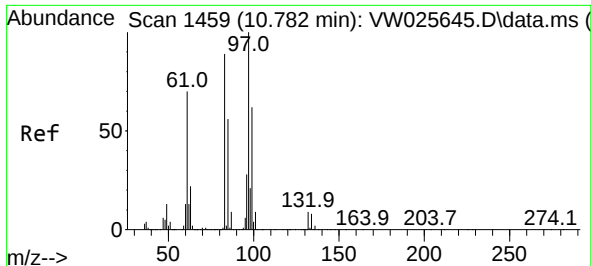
Tgt Ion: 91 Resp: 1014121
Ion Ratio Lower Upper
91 100
92 57.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 26.124 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 75 Resp: 319694
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.9



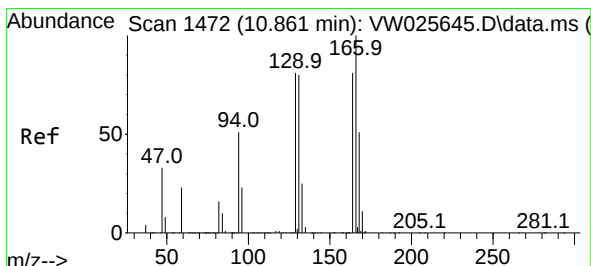
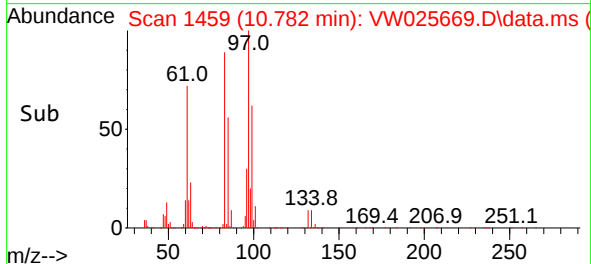
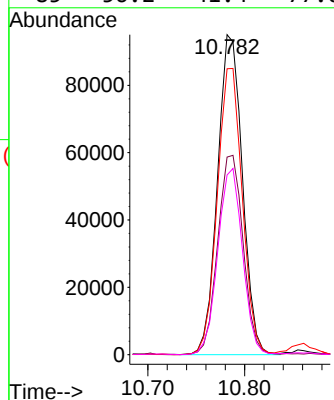
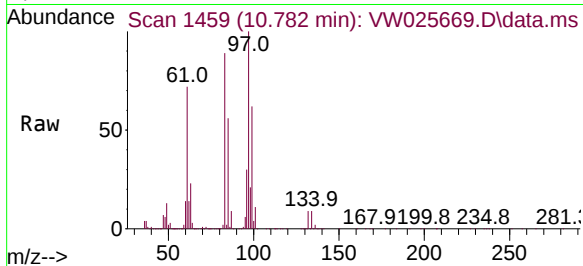


#45
1,1,2-Trichloroethane
Concen: 25.772 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

Tgt Ion: 97 Resp: 170015

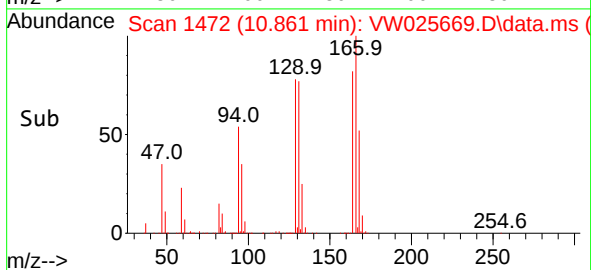
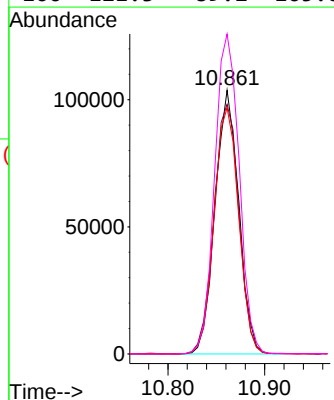
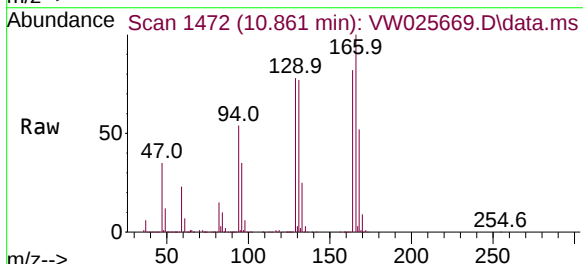
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	89.4	61.8	114.8
85	56.2	41.4	77.0

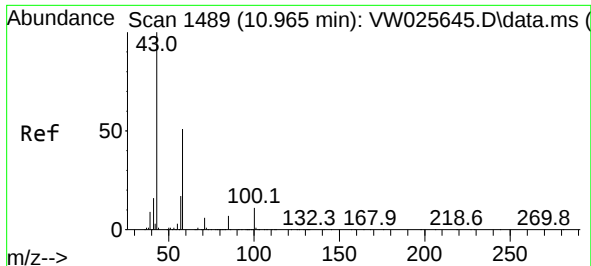


#46
Tetrachloroethene
Concen: 24.627 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 164 Resp: 176486

Ion	Ratio	Lower	Upper
164	100		
129	94.7	76.9	142.9
131	93.3	70.5	130.9
166	121.3	89.2	165.8



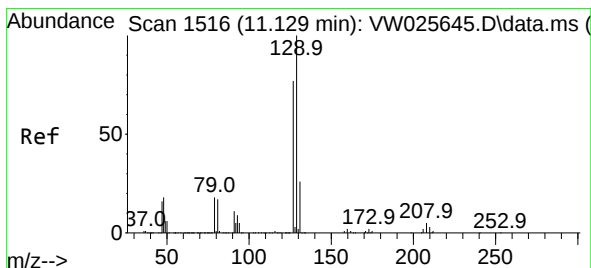
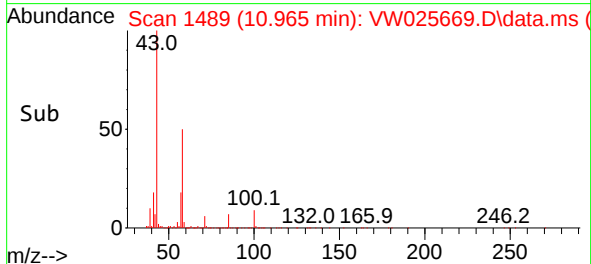
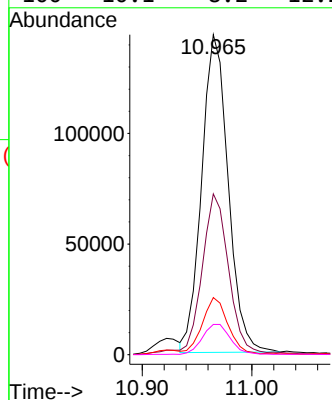
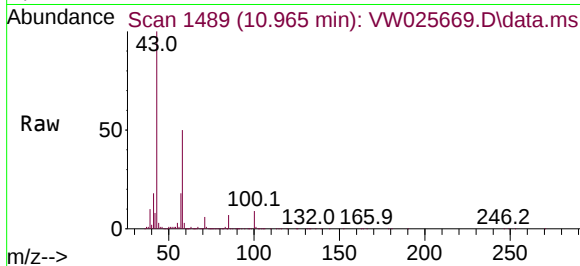


#48
2-Hexanone
Concen: 59.729 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

Tgt Ion: 43 Resp: 241672

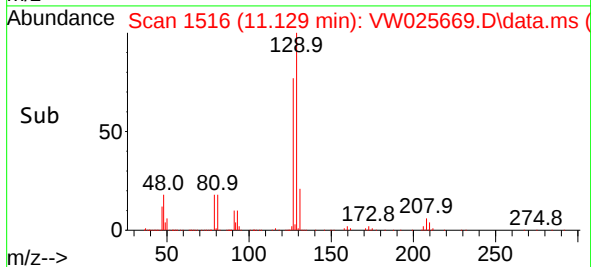
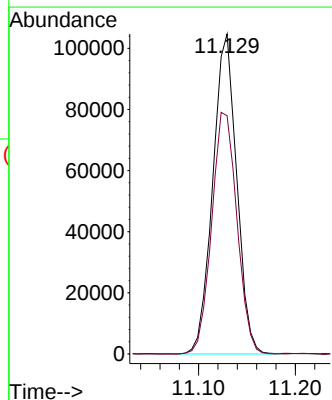
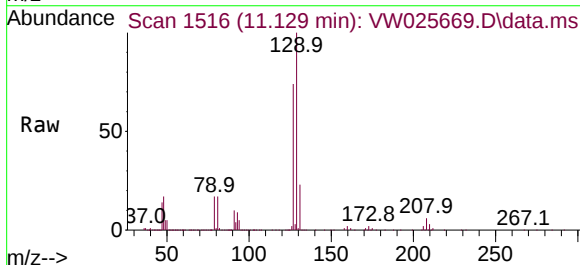
Ion	Ratio	Lower	Upper
43	100		
58	48.5	38.6	57.8
57	17.5	13.9	20.9
100	10.1	8.2	12.2

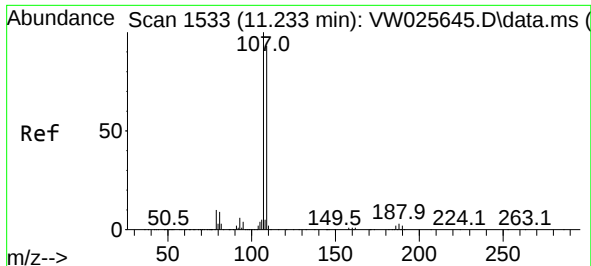


#49
Dibromochloromethane
Concen: 25.874 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 129 Resp: 179706

Ion	Ratio	Lower	Upper
129	100		
127	74.4	54.0	100.2

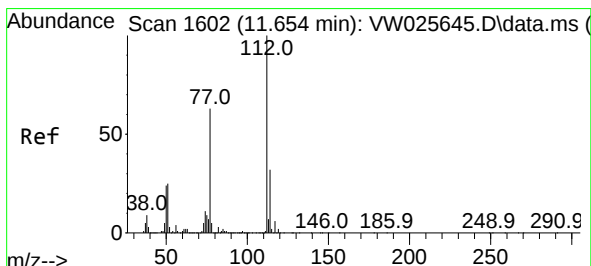
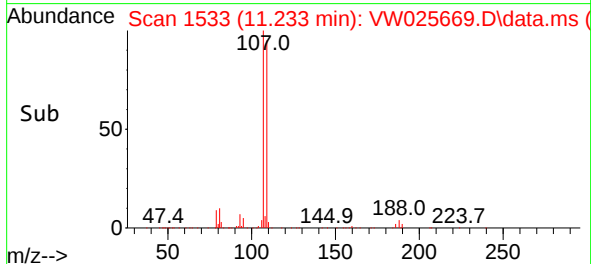
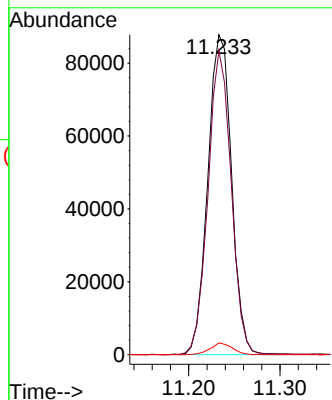
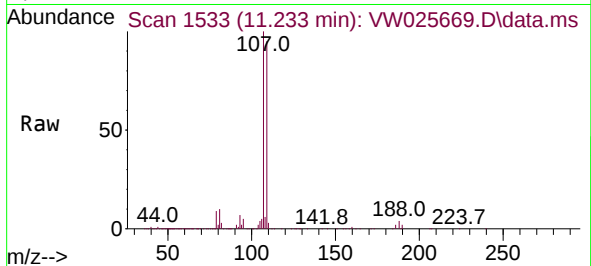




#50
1,2-Dibromoethane
Concen: 26.149 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

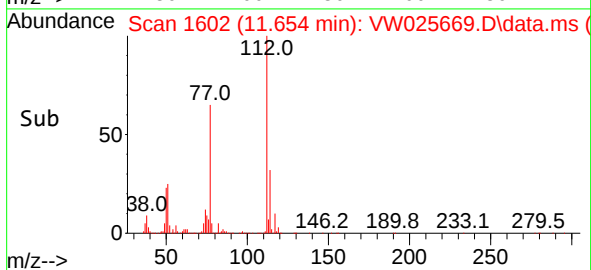
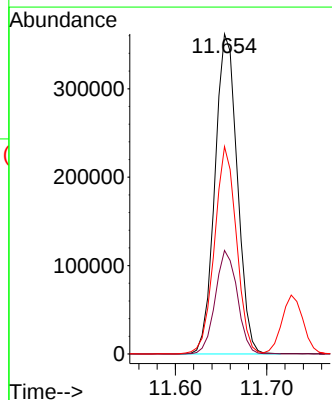
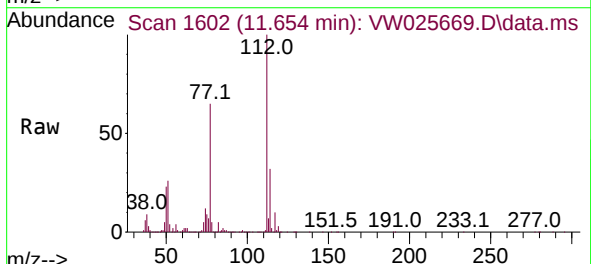
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

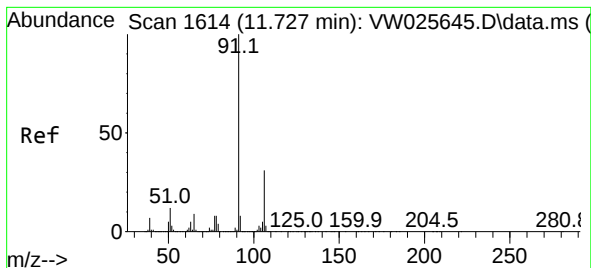
Tgt Ion:	107	Resp:	158496
Ion	Ratio	Lower	Upper
107	100		
109	95.0	64.1	119.1
188	3.7	2.8	4.2



#51
Chlorobenzene
Concen: 25.060 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion:	112	Resp:	615990
Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.6	40.2
77	64.8	50.2	75.2

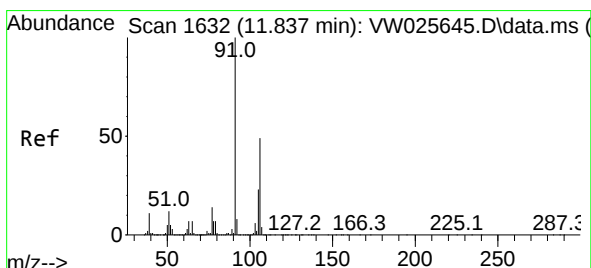
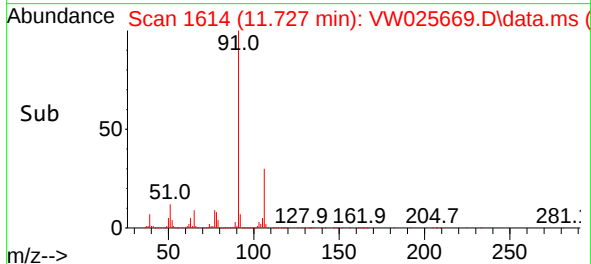
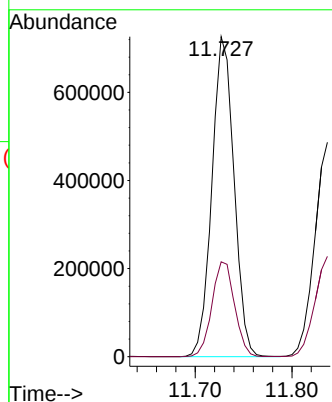
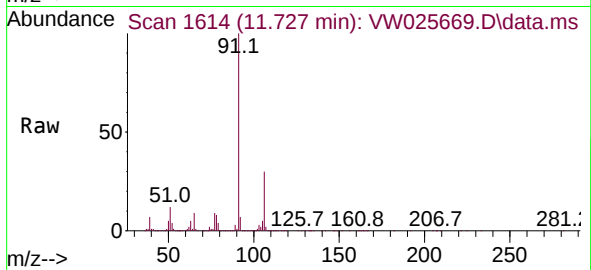




#52
Ethylbenzene
Concen: 25.523 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

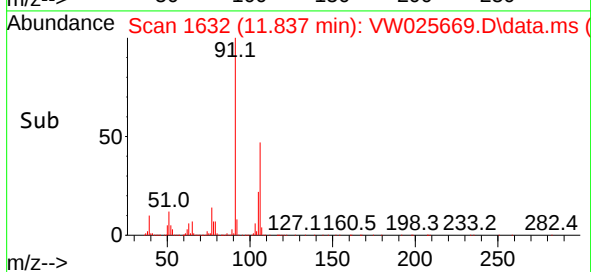
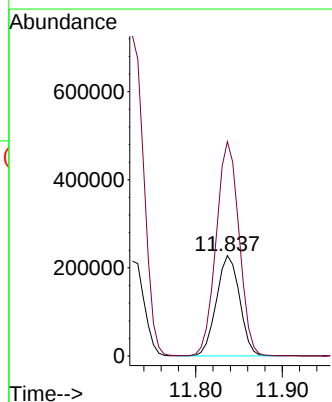
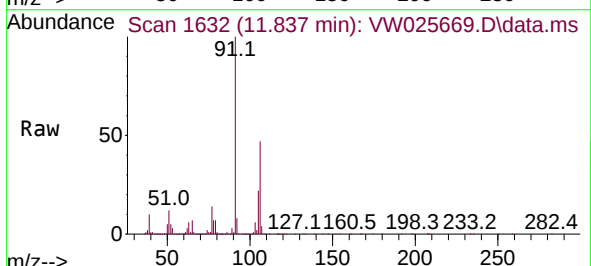
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

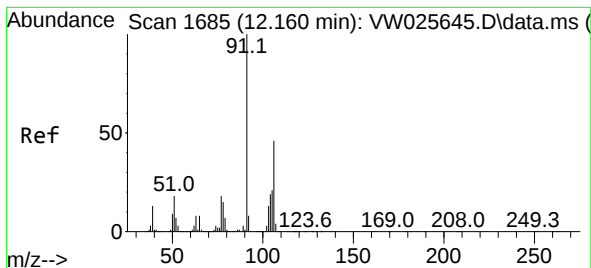
Tgt Ion: 91 Resp: 1152124
Ion Ratio Lower Upper
91 100
106 29.6 20.3 37.7



#53
m,p-Xylene
Concen: 25.553 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 106 Resp: 423002
Ion Ratio Lower Upper
106 100
91 213.6 148.0 274.8





#54

o-Xylene

Concen: 26.072 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

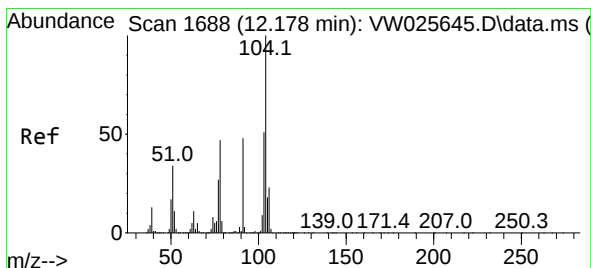
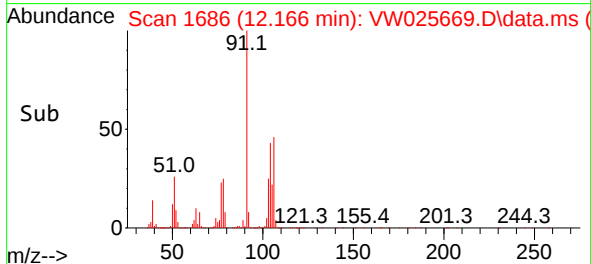
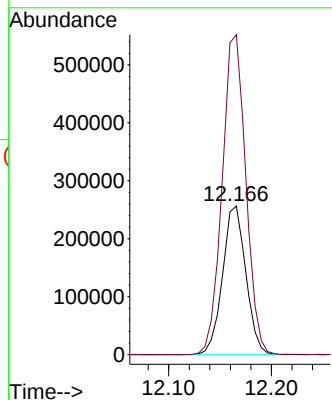
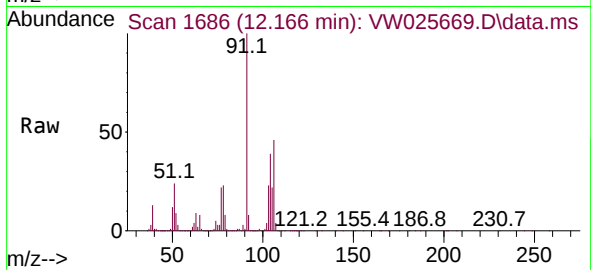
VSTD025579

Tgt Ion:106 Resp: 403759

Ion Ratio Lower Upper

106 100

91 215.3 158.2 293.8



#55

Styrene

Concen: 26.767 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025669.D

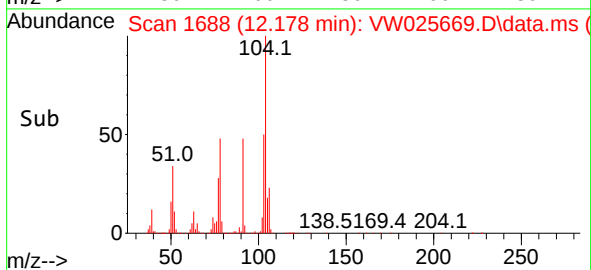
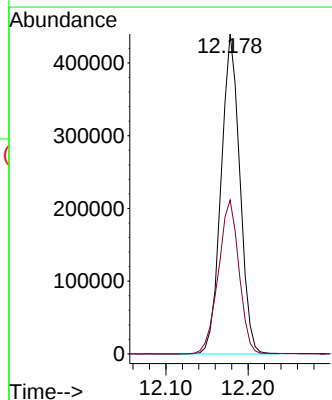
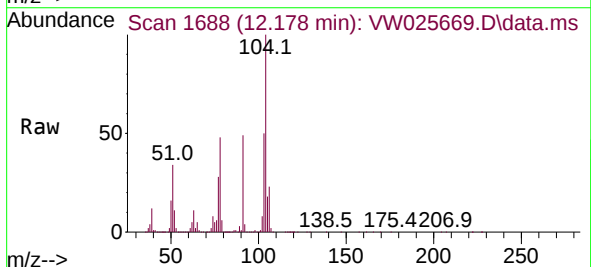
Acq: 25 Apr 2023 08:52

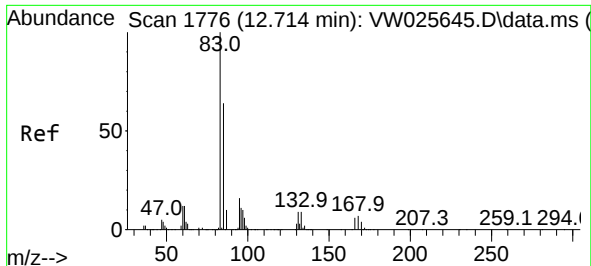
Tgt Ion:104 Resp: 697731

Ion Ratio Lower Upper

104 100

78 48.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.962 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

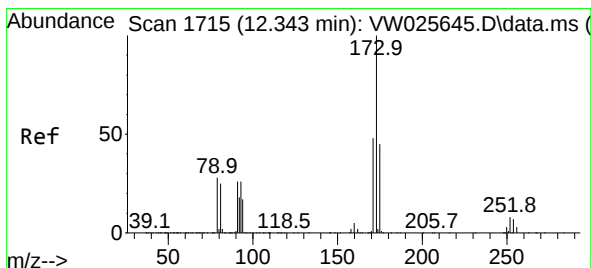
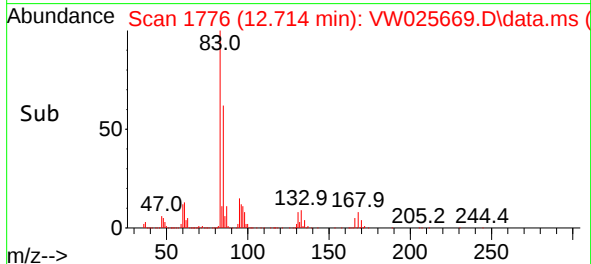
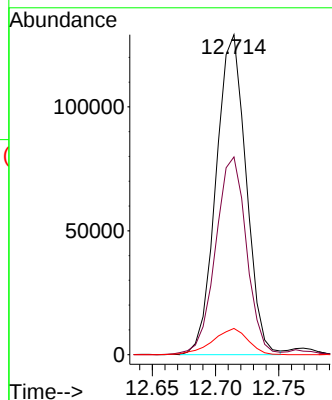
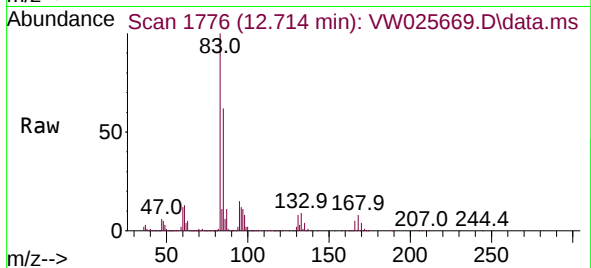
Tgt Ion: 83 Resp: 213045

Ion Ratio Lower Upper

83 100

85 61.8 43.5 80.7

131 8.2 7.0 10.4



#59

Bromoform

Concen: 25.554 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

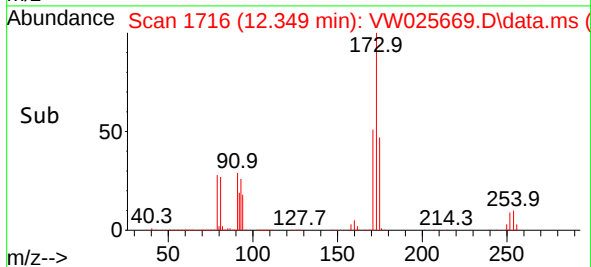
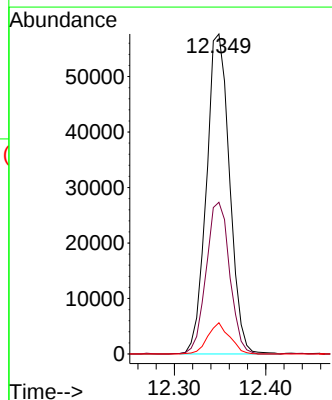
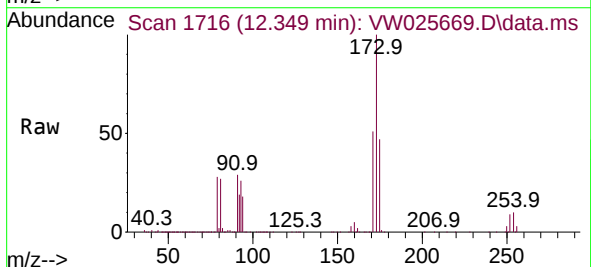
Tgt Ion: 173 Resp: 101324

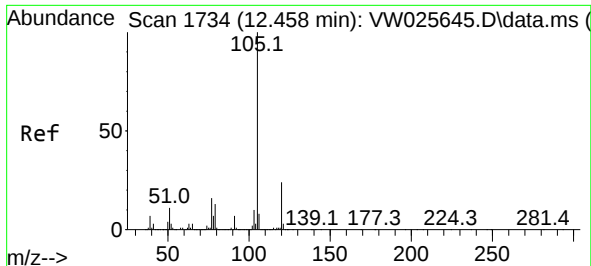
Ion Ratio Lower Upper

173 100

175 48.1 36.1 54.1

254 9.2 7.0 10.6

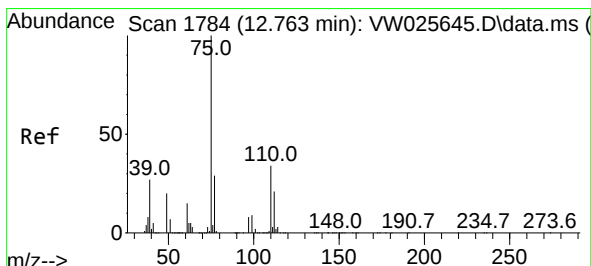
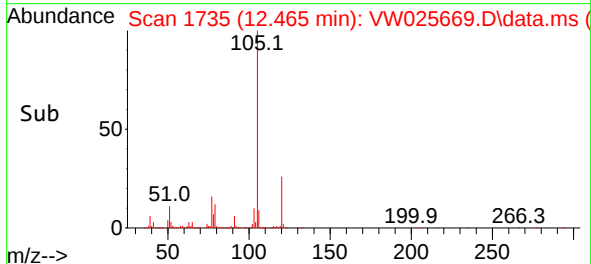
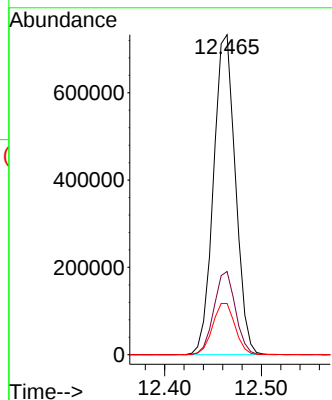
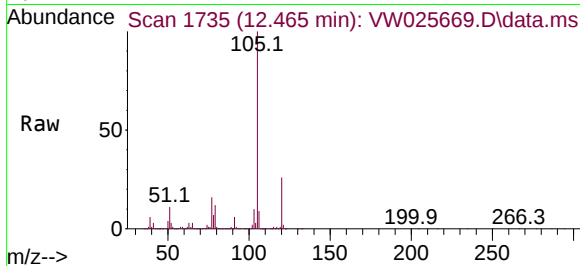




#60
Isopropylbenzene
Concen: 25.424 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

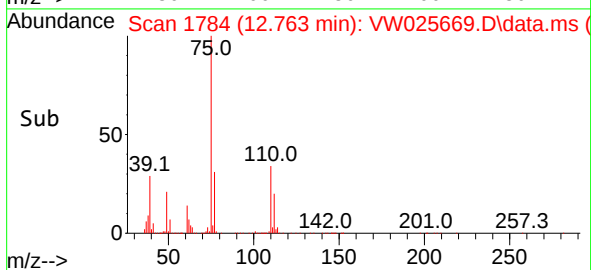
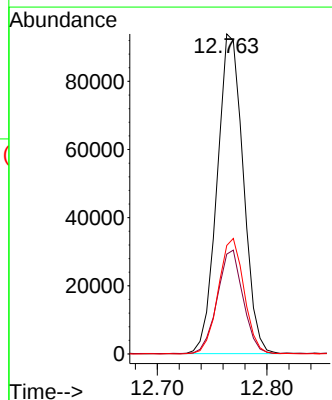
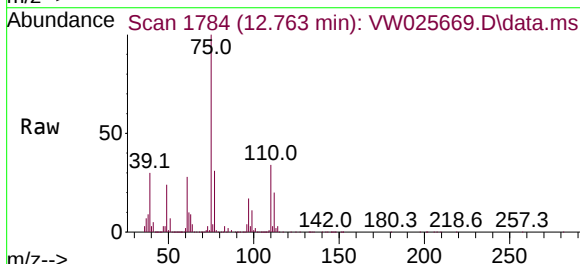
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

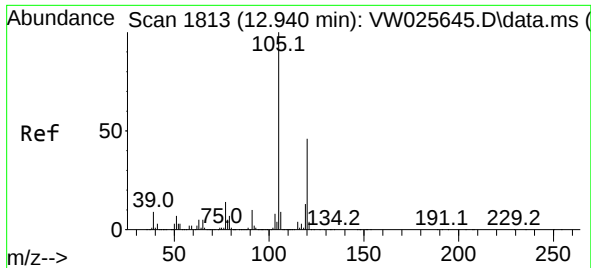
Tgt Ion:105 Resp: 1152376
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 25.935 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion: 75 Resp: 155537
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
110 35.6 29.0 43.6

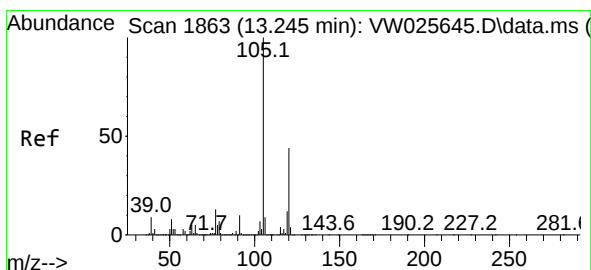
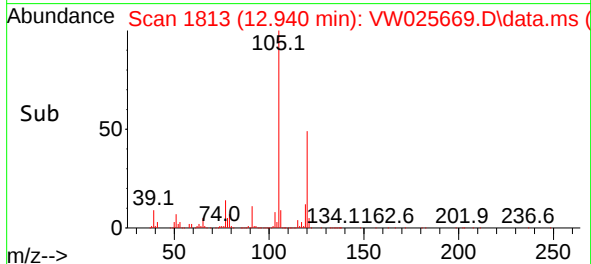
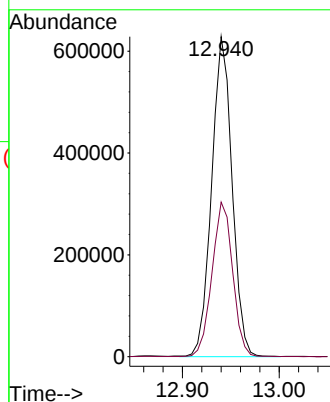
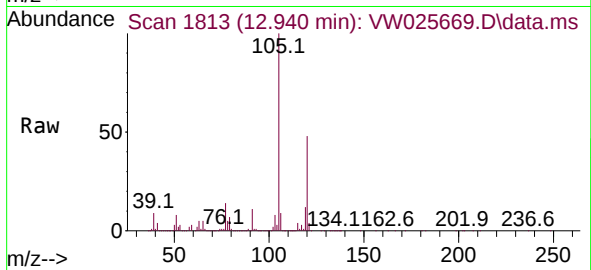




#62
 1,3,5-Trimethylbenzene
 Concen: 25.799 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025669.D
 Acq: 25 Apr 2023 08:52

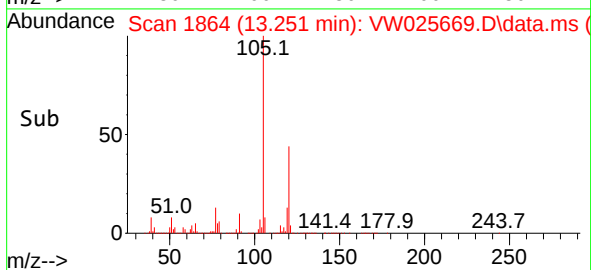
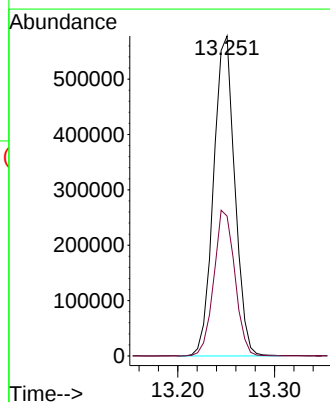
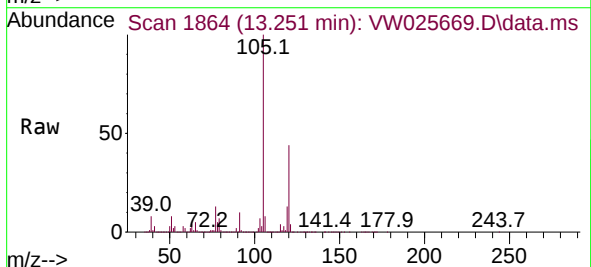
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

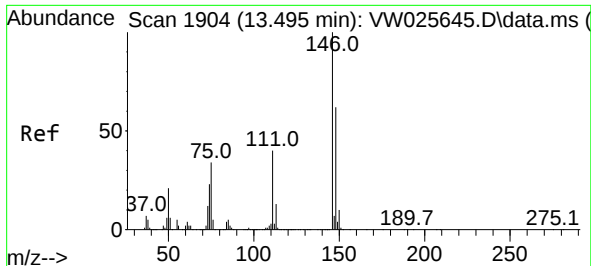
Tgt Ion:105 Resp: 923122
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 25.517 ug/L
 RT: 13.251 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VW025669.D
 Acq: 25 Apr 2023 08:52

Tgt Ion:105 Resp: 879164
 Ion Ratio Lower Upper
 105 100
 120 45.1 34.8 52.2

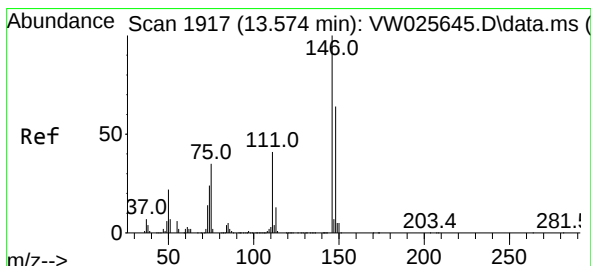
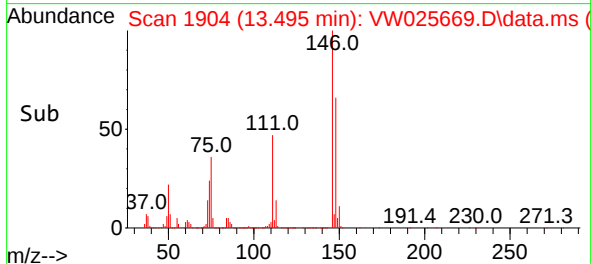
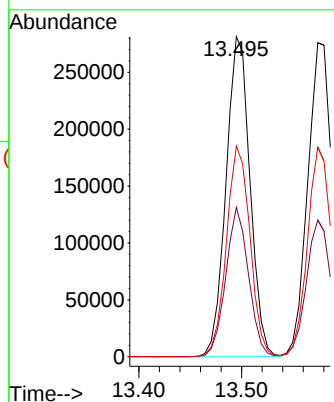
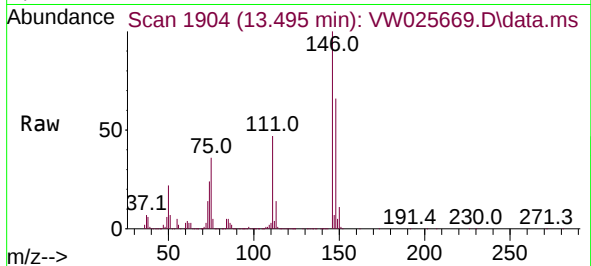




#64
1,3-Dichlorobenzene
Concen: 24.276 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

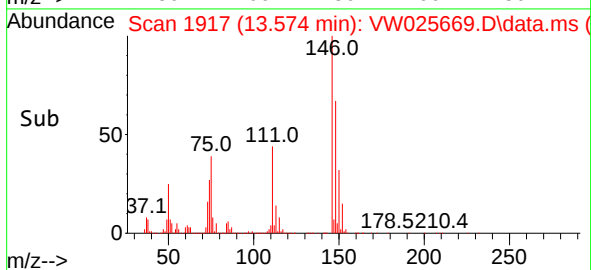
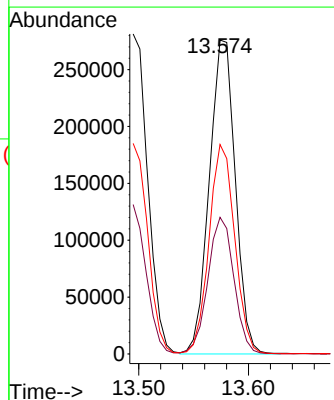
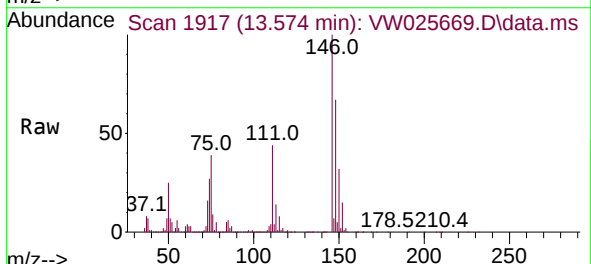
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

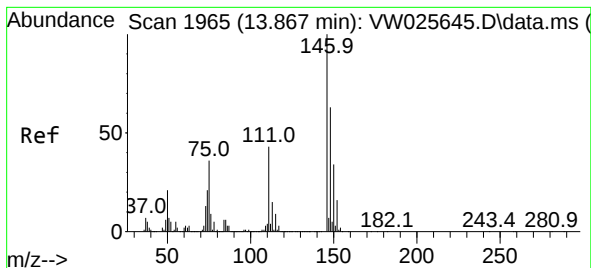
Tgt Ion:146 Resp: 455994
Ion Ratio Lower Upper
146 100
111 46.7 29.7 55.1
148 65.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 23.765 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025669.D
Acq: 25 Apr 2023 08:52

Tgt Ion:146 Resp: 455892
Ion Ratio Lower Upper
146 100
111 43.5 30.4 56.5
148 66.7 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 24.916 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

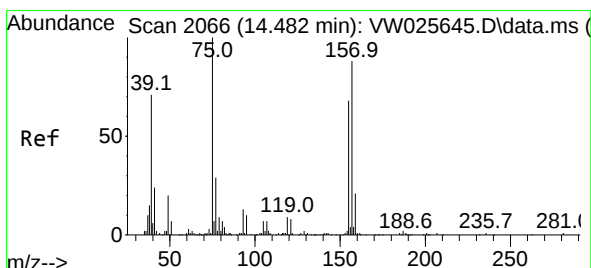
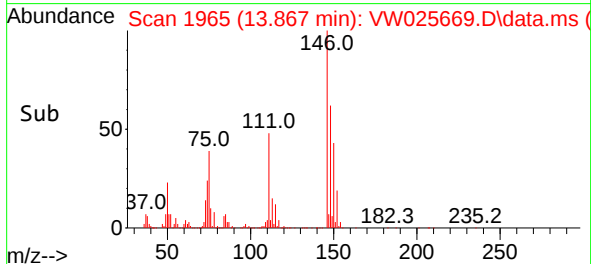
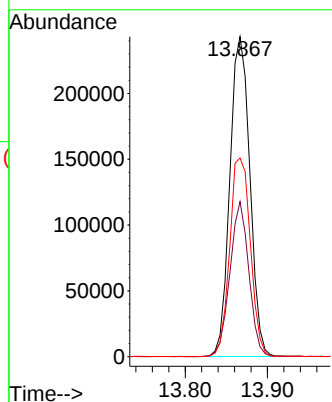
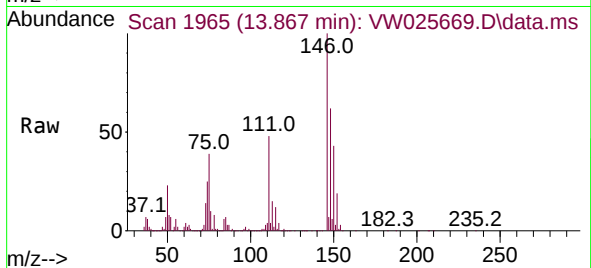
Tgt Ion:146 Resp: 410301

Ion Ratio Lower Upper

146 100

111 48.5 35.3 52.9

148 62.1 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.710 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

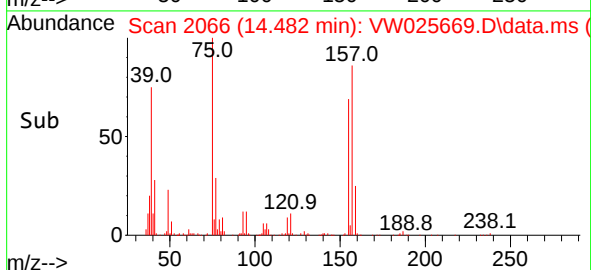
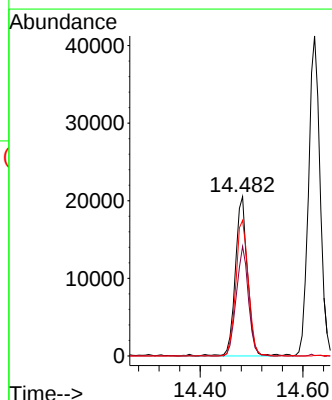
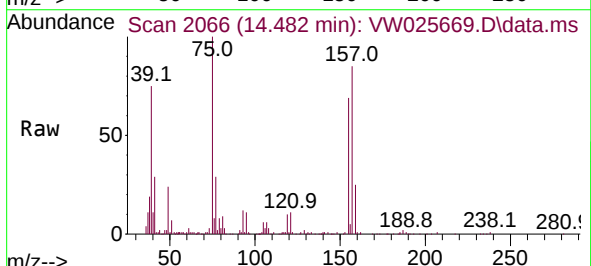
Tgt Ion: 75 Resp: 33823

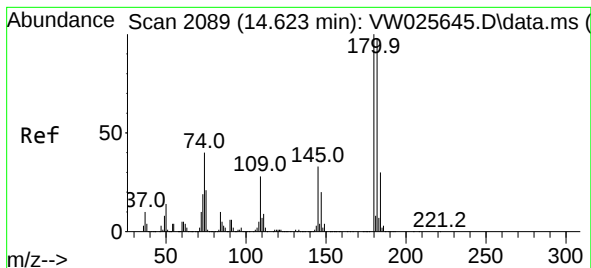
Ion Ratio Lower Upper

75 100

155 68.7 61.1 91.7

157 85.0 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 24.592 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

Tgt Ion:180 Resp: 309263

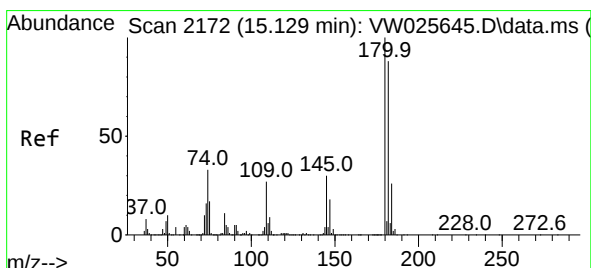
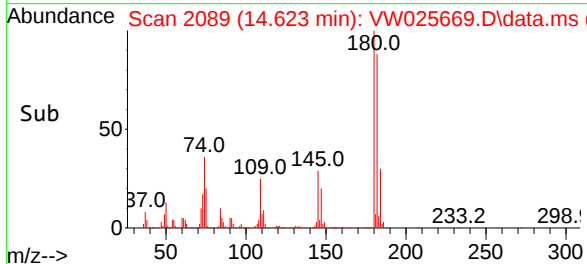
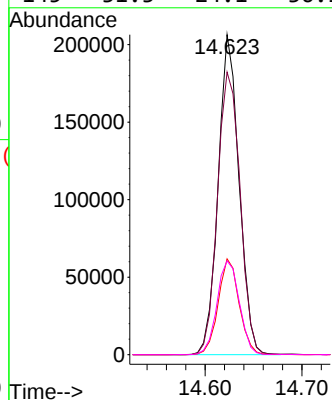
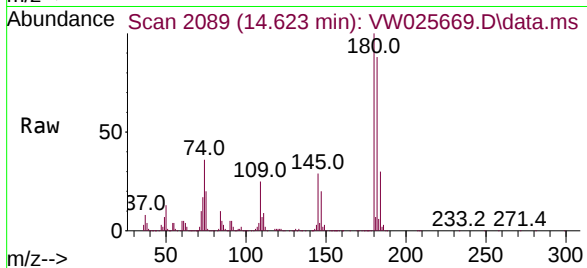
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

184 30.0 24.1 36.1

145 31.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 22.935 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

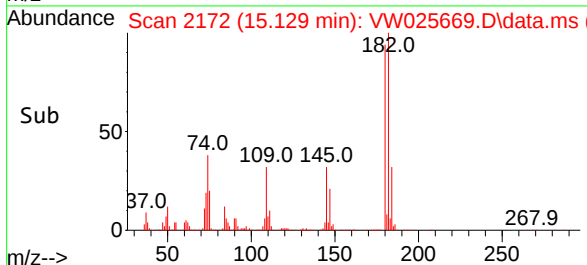
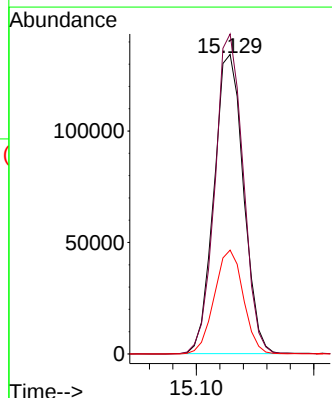
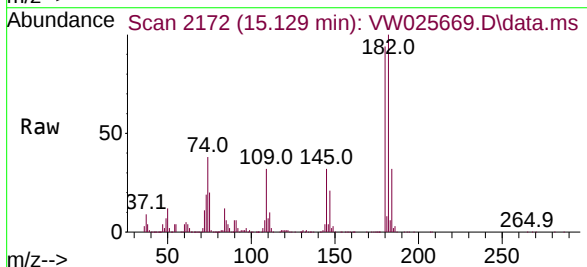
Tgt Ion:180 Resp: 234301

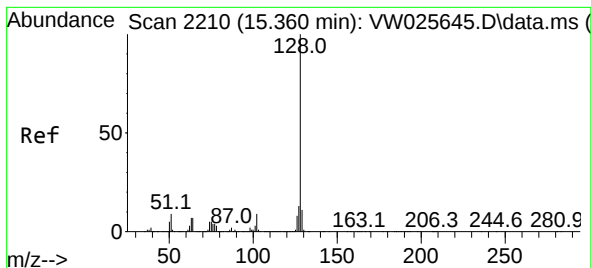
Ion Ratio Lower Upper

180 100

182 102.6 79.5 119.3

145 34.1 27.4 41.0





#71

Naphthalene

Concen: 25.877 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

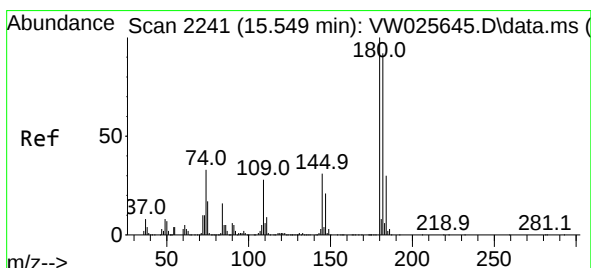
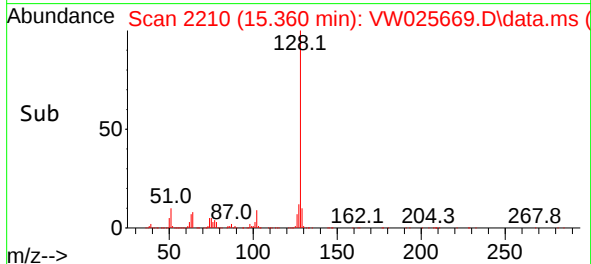
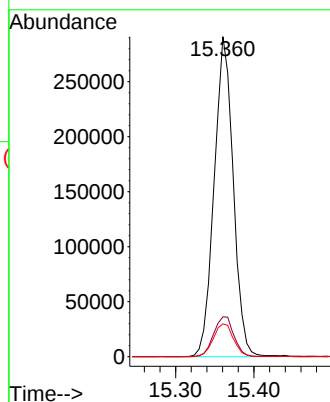
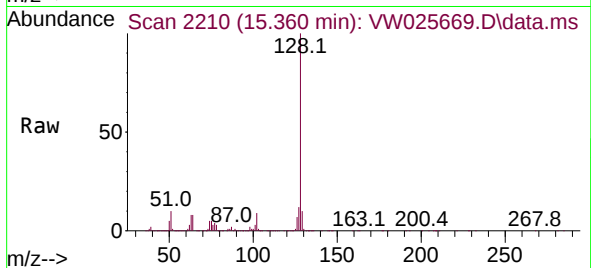
Tgt Ion:128 Resp: 493275

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.517 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025669.D

Acq: 25 Apr 2023 08:52

Tgt Ion:180 Resp: 218980

Ion Ratio Lower Upper

180 100

182 97.8 72.9 109.3

145 34.2 27.0 40.6

