

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025838.D
 Acq On : 04 May 2023 11:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: May 04 23:13:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 01:22:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	654675	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	566998	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	277913	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	228122	24.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.360%
7) Chloroethane-d5	2.899	69	164155	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	4.021	65	104954	22.593	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.360%
21) 2-Butanone-d5	7.075	46	107656	35.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.200%
24) Chloroform-d	7.648	84	417461	22.114	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.301	65	216483	20.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.120%
32) Benzene-d6	8.270	84	845851	22.831	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.320%
36) 1,2-Dichloropropane-d6	9.270	67	258171	21.779	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	10.319	98	754239	22.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.320%
43) trans-1,3-Dichloroprop...	10.575	79	99291	20.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.640%
47) 2-Hexanone-d5	10.922	63	78084	38.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183095	20.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	224152	22.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	193952	26.518	ug/L	94
3) Chloromethane	2.222	50	260396	24.146	ug/L	96
5) Vinyl chloride	2.375	62	287584	25.764	ug/L	98
6) Bromomethane	2.789	94	146554	24.139	ug/L	96
8) Chloroethane	2.936	64	159566	25.140	ug/L	97
9) Trichlorofluoromethane	3.265	101	193099	22.923	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	222519	24.288	ug/L	97
12) 1,1-Dichloroethene	4.045	96	210267	24.015	ug/L	94
13) Acetone	4.125	43	113258	41.647	ug/L	99
14) Carbon disulfide	4.387	76	701681	23.698	ug/L	99
15) Methyl Acetate	4.667	43	104703	19.538	ug/L	99
16) Methylene chloride	4.917	84	249605	18.487	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	217847	22.807	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	310450	21.415	ug/L	100
19) 1,1-Dichloroethane	6.216	63	457538	23.315	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	229039	22.351	ug/L	96
22) 2-Butanone	7.167	43	149834	39.902	ug/L	81
23) Bromochloromethane	7.508	128	95609	22.023	ug/L	93
25) Chloroform	7.679	83	418512	23.203	ug/L	100

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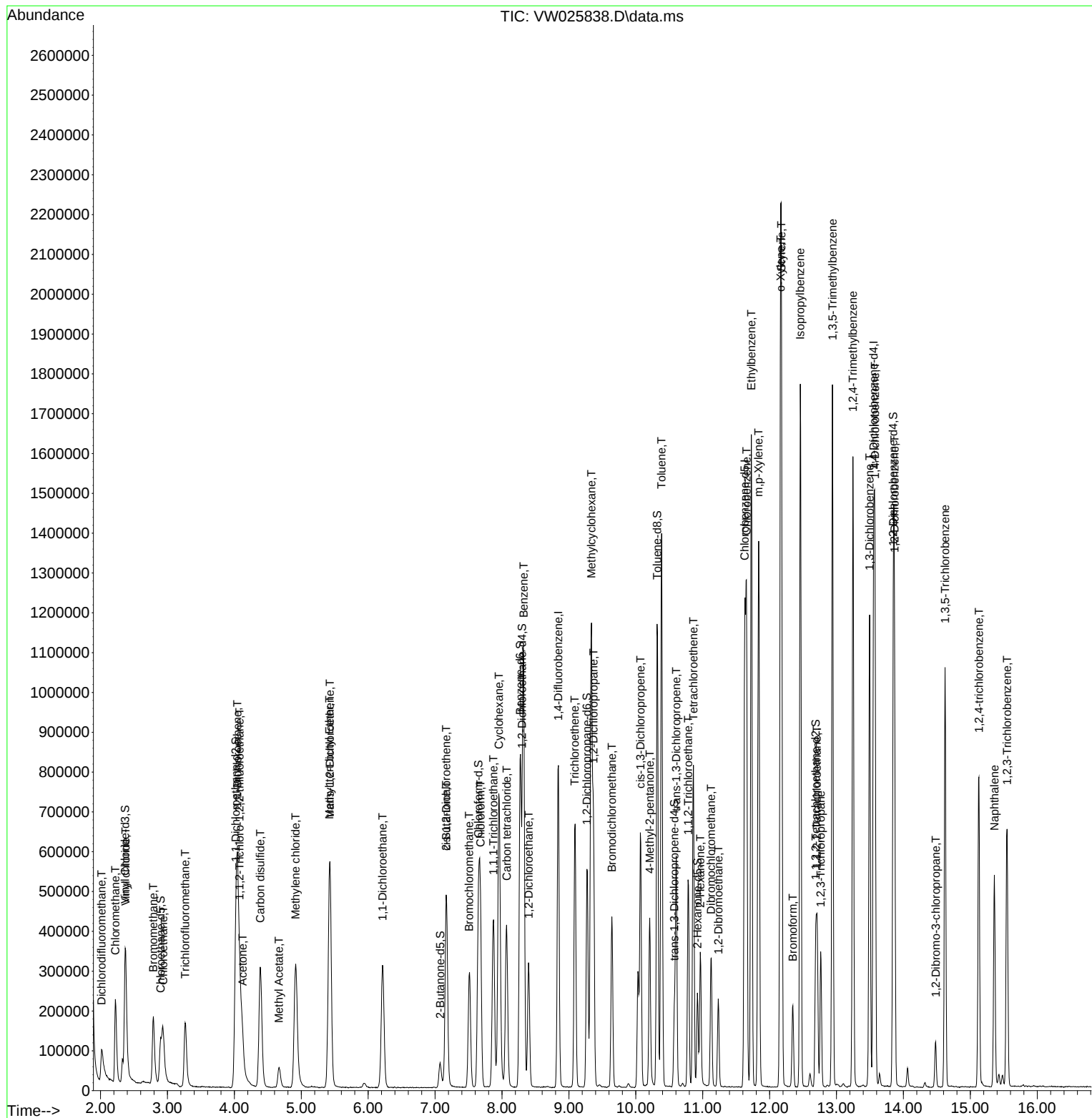
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	279230	21.799	ug/L	99
29) Cyclohexane	7.953	56	434092	24.705	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	337996	24.375	ug/L	99
31) Carbon tetrachloride	8.069	117	311629	24.972	ug/L	97
33) Benzene	8.325	78	943582	24.054	ug/L	100
34) Trichloroethene	9.087	95	241263	23.968	ug/L	96
35) Methylcyclohexane	9.337	83	437435	24.433	ug/L	100
37) 1,2-Dichloropropane	9.367	63	256109	23.830	ug/L	100
38) Bromodichloromethane	9.642	83	284478	23.072	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	365775	23.208	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	296206	42.342	ug/L	100
42) Toluene	10.386	91	966668	24.117	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	299756	22.953	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	160727	22.356	ug/L	99
46) Tetrachloroethene	10.861	164	174092	24.583	ug/L	93
48) 2-Hexanone	10.965	43	218012	43.502	ug/L	99
49) Dibromochloromethane	11.123	129	169576	22.783	ug/L	96
50) 1,2-Dibromoethane	11.233	107	144928	21.867	ug/L	99
51) Chlorobenzene	11.654	112	591289	23.813	ug/L	99
52) Ethylbenzene	11.727	91	1107801	24.570	ug/L	98
53) m,p-Xylene	11.837	106	416387	25.092	ug/L	98
54) o-Xylene	12.166	106	383765	24.536	ug/L	92
55) Styrene	12.178	104	665931	24.875	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	189690	21.146	ug/L	98
59) Bromoform	12.349	173	89308	21.695	ug/L	98
60) Isopropylbenzene	12.458	105	1087231	25.737	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	139872	21.296	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	866603	25.900	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	797033	25.814	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	446296	24.542	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	436916	23.781	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	381769	23.540	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	30701	20.158	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	293341	24.301	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	227918	22.537	ug/L	97
71) Naphthalene	15.360	128	418833	21.943	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	213038	23.742	ug/L	96

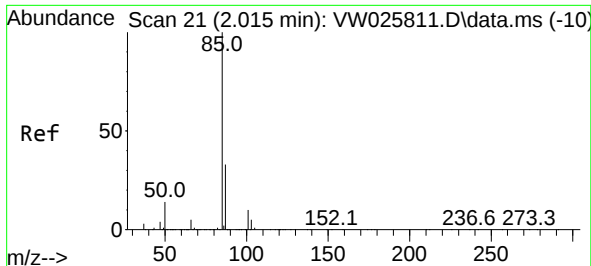
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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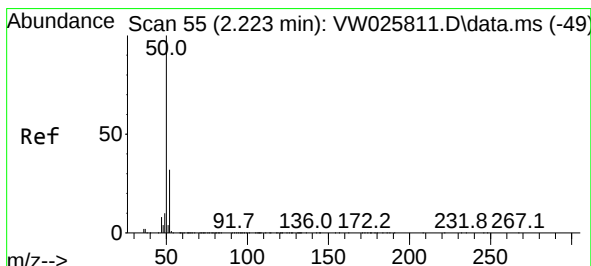
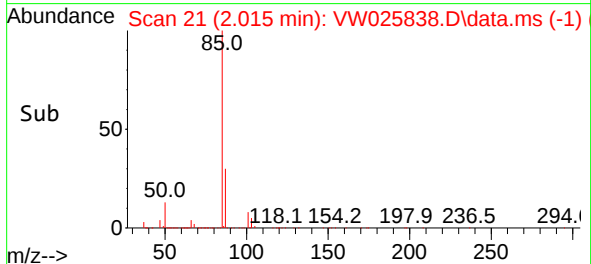
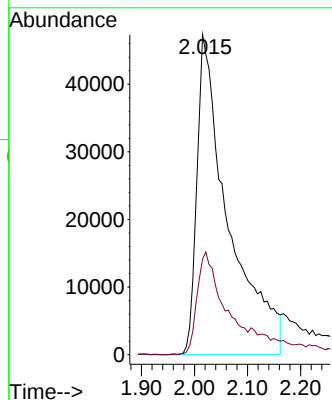
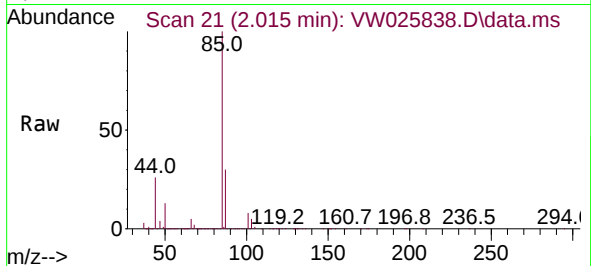




#2
 Dichlorodifluoromethane
 Concen: 26.518 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025838.D
 Acq: 04 May 2023 11:43

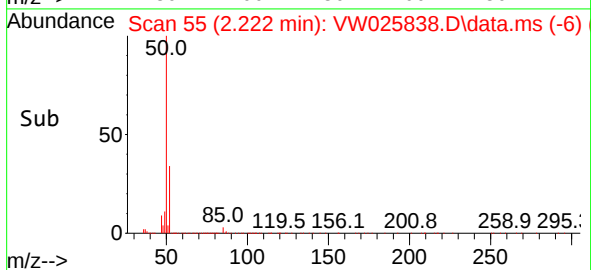
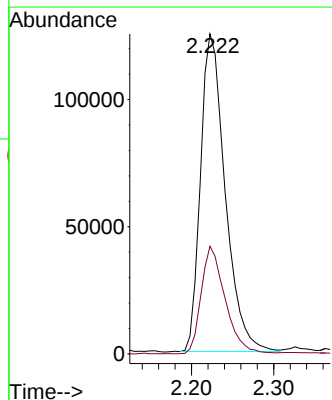
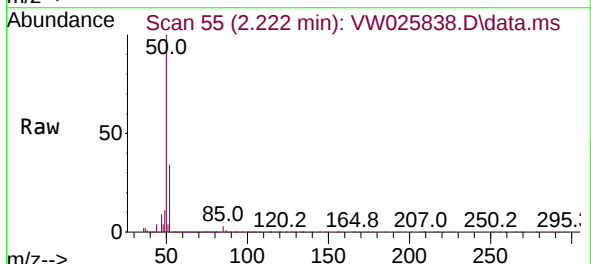
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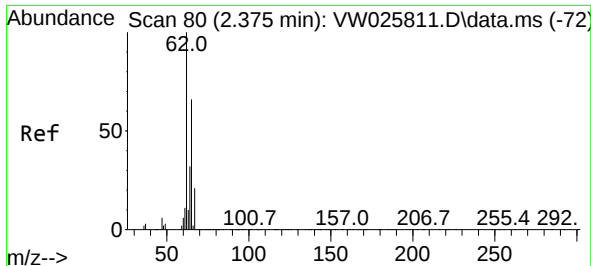
Tgt Ion: 85 Resp: 193952
 Ion Ratio Lower Upper
 85 100
 87 27.5 24.7 37.1



#3
 Chloromethane
 Concen: 24.146 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025838.D
 Acq: 04 May 2023 11:43

Tgt Ion: 50 Resp: 260396
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.1 41.1

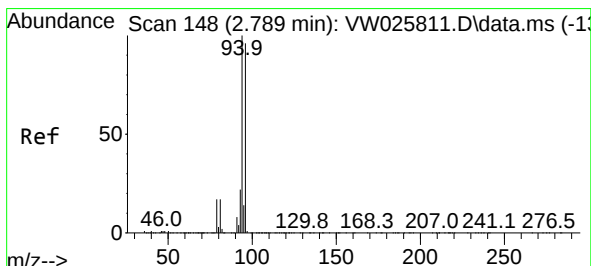
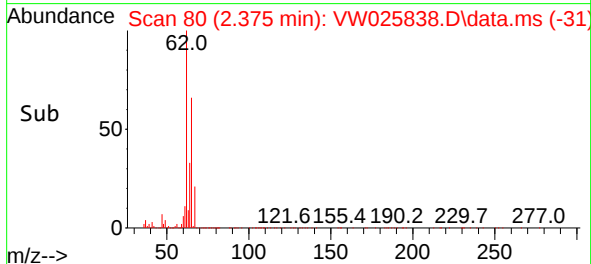
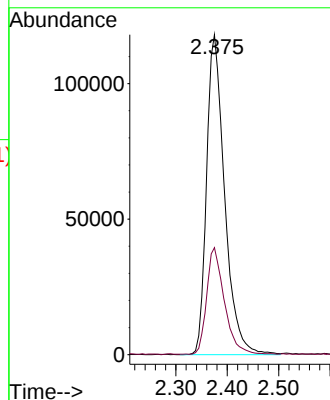
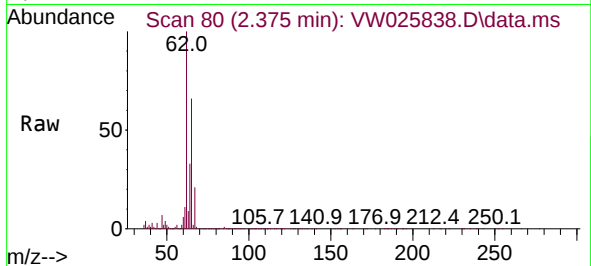




#5
 Vinyl chloride
 Concen: 25.764 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025838.D
 Acq: 04 May 2023 11:43

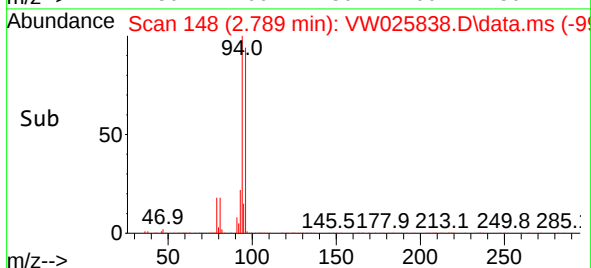
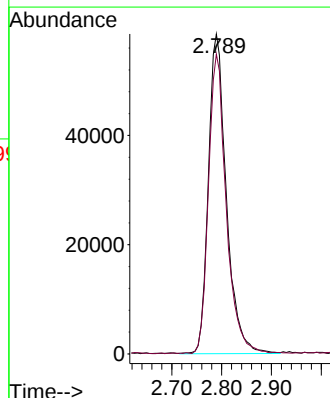
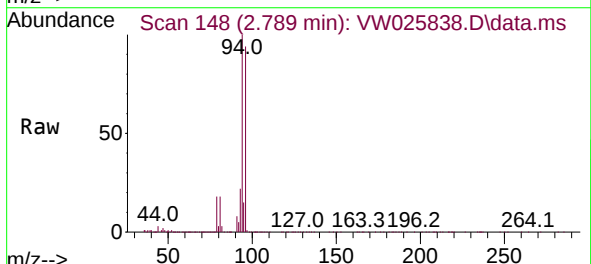
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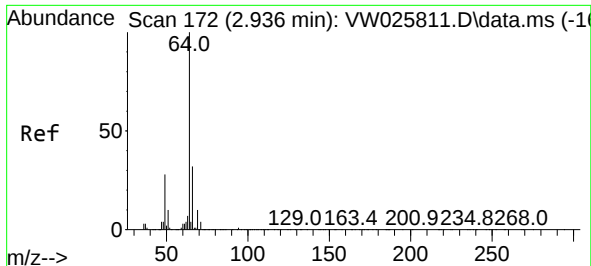
Tgt Ion: 62 Resp: 287584
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.3



#6
 Bromomethane
 Concen: 24.139 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025838.D
 Acq: 04 May 2023 11:43

Tgt Ion: 94 Resp: 146554
 Ion Ratio Lower Upper
 94 100
 96 93.7 63.1 117.1

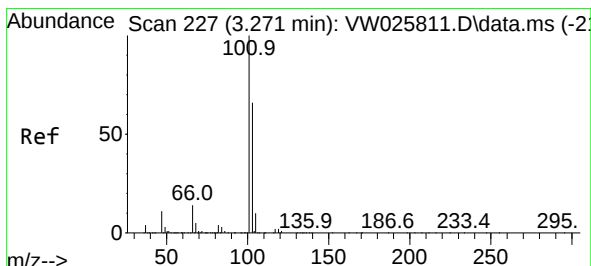
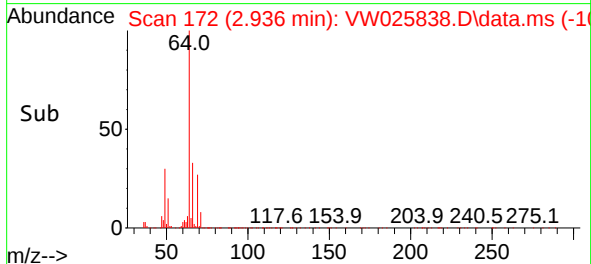
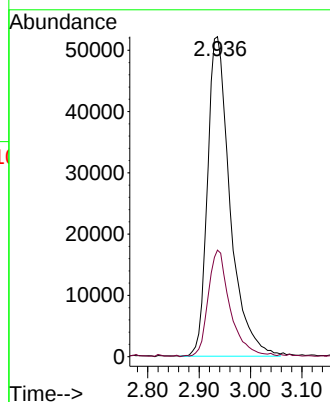
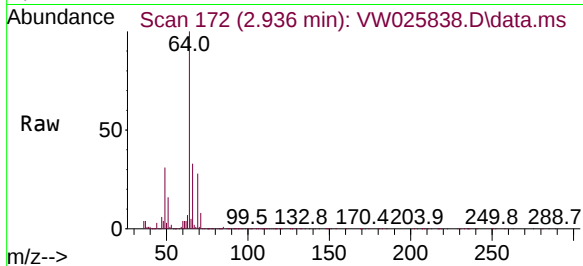




#8
Chloroethane
Concen: 25.140 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

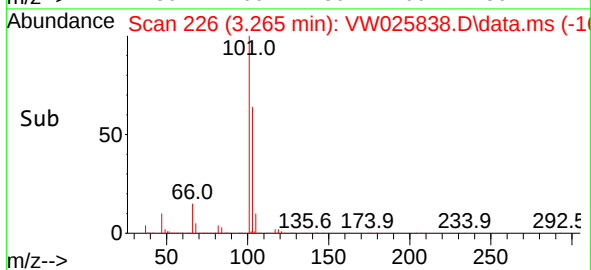
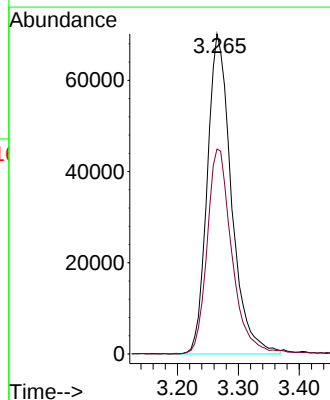
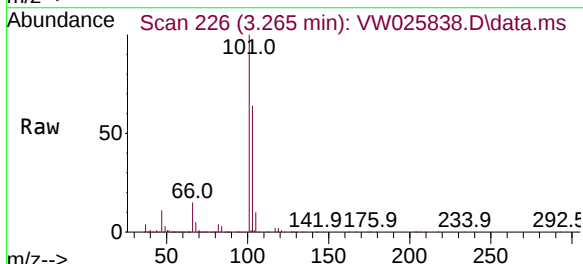
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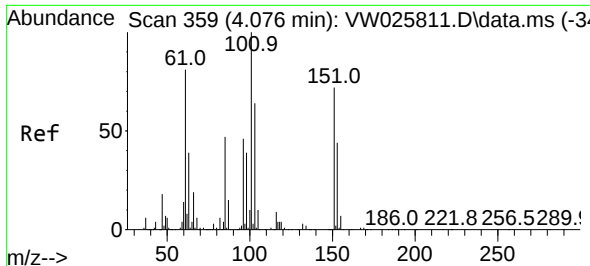
Tgt Ion: 64 Resp: 159566
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.923 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 101 Resp: 193099
Ion Ratio Lower Upper
101 100
103 64.5 50.6 76.0

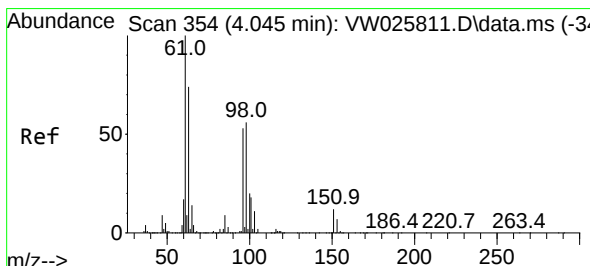
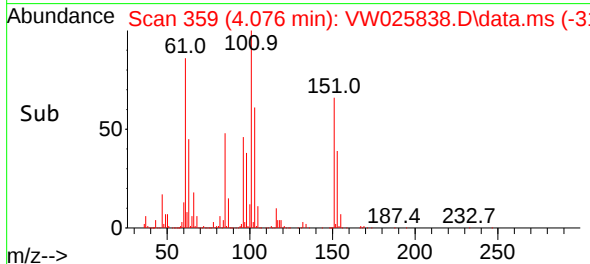
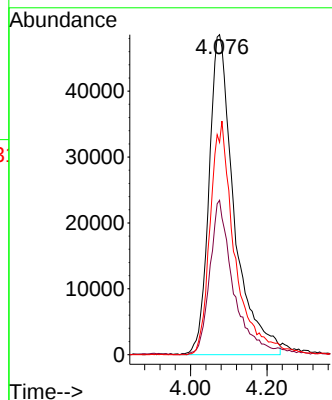
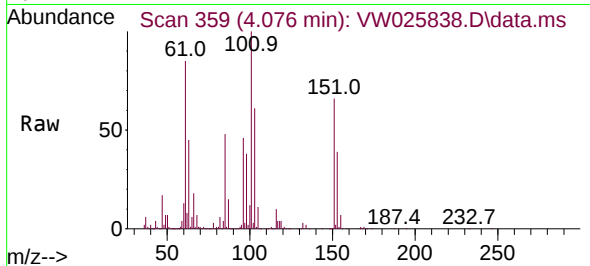




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.288 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025838.D
 Acq: 04 May 2023 11:43

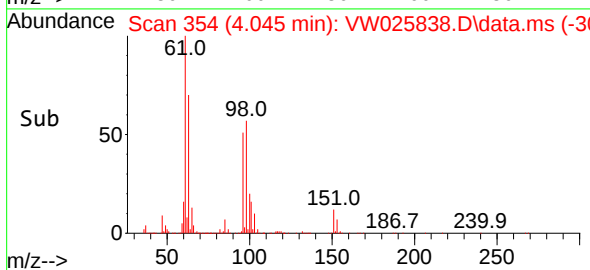
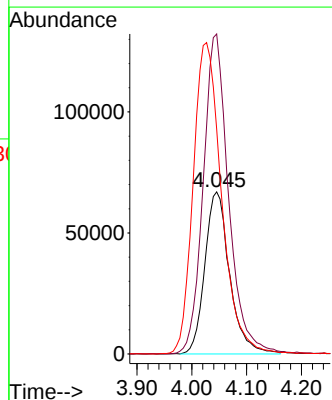
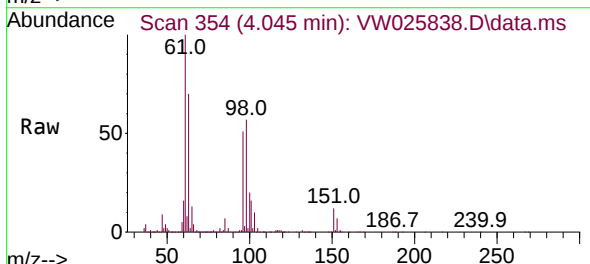
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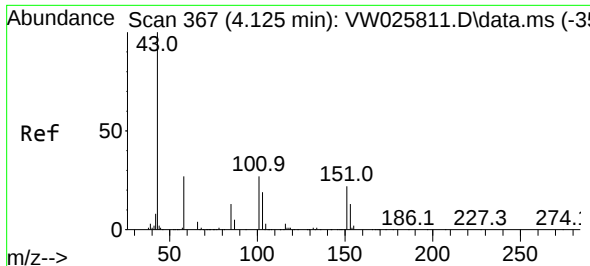
Tgt Ion:101 Resp: 222519
 Ion Ratio Lower Upper
 101 100
 85 44.6 33.9 50.9
 151 69.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.015 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025838.D
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Tgt Ion: 96 Resp: 210267
 Ion Ratio Lower Upper
 96 100
 61 197.5 135.0 250.8
 63 138.7 104.9 194.7

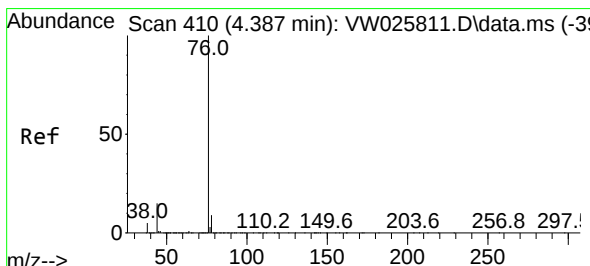
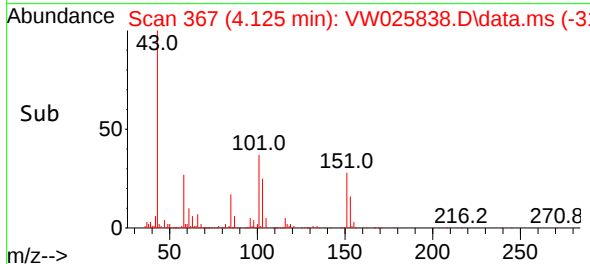
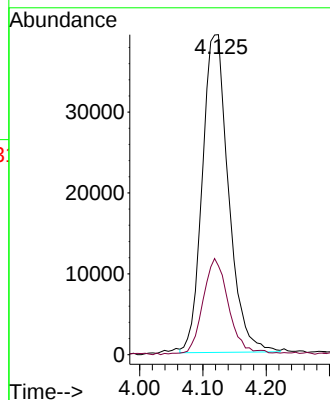
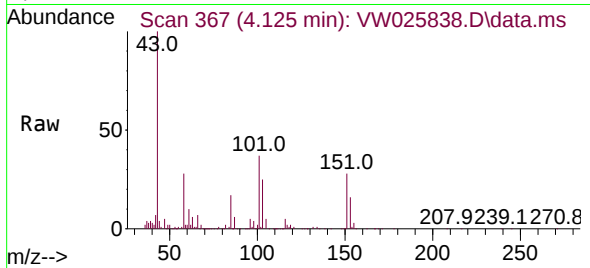




#13
Acetone
Concen: 41.647 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
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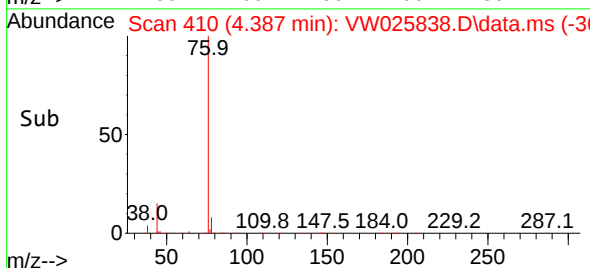
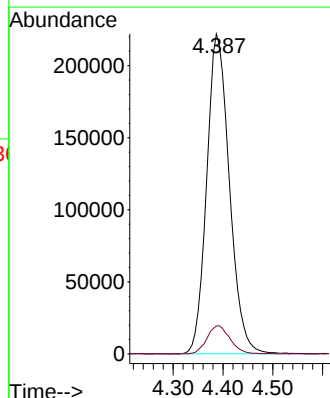
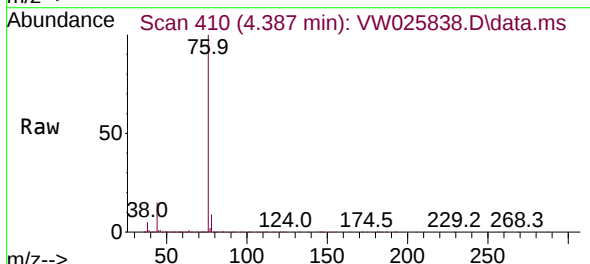
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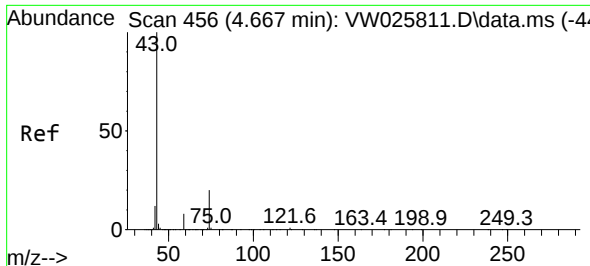
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Ion Ratio Lower Upper
43 100
58 28.7 0.0 58.2



#14
Carbon disulfide
Concen: 23.698 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 701681
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

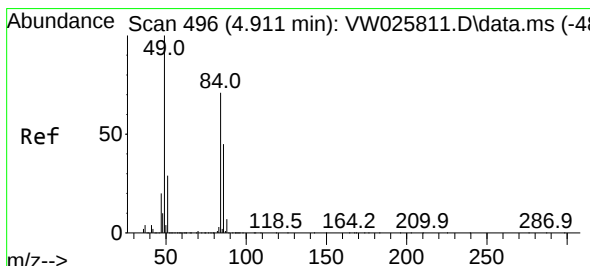
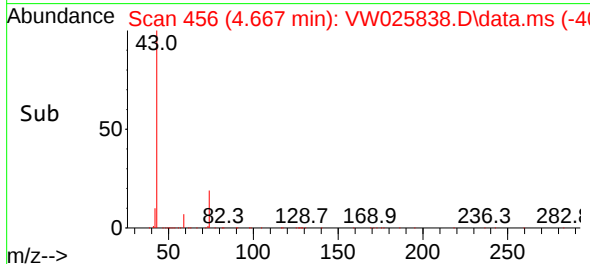
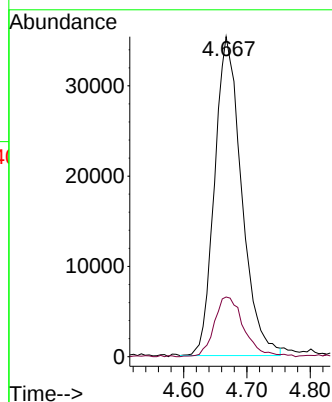
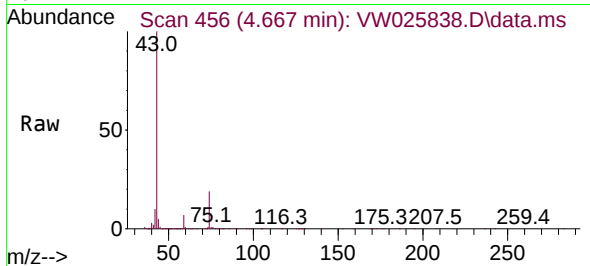




#15
Methyl Acetate
Concen: 19.538 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

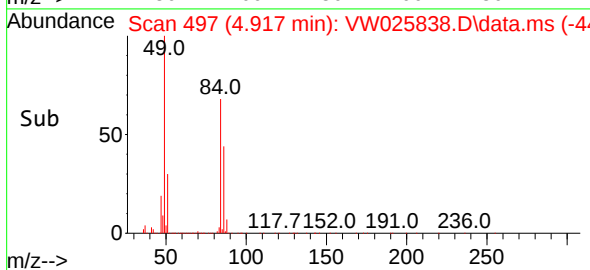
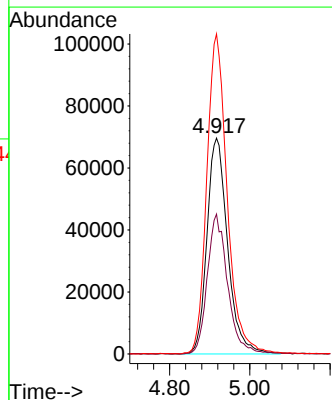
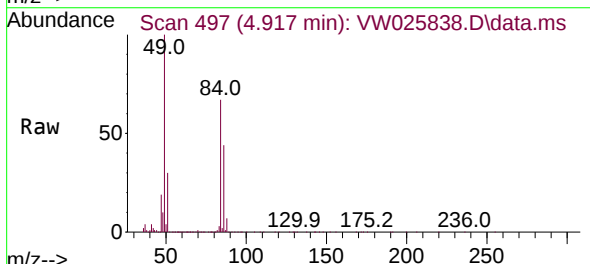
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

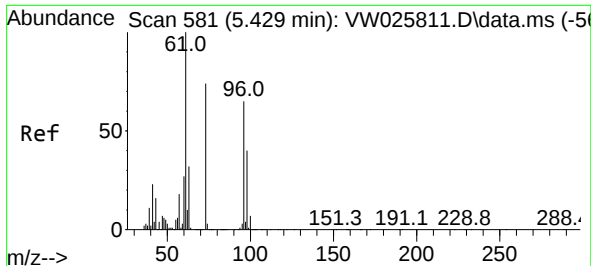
Tgt Ion: 43 Resp: 104703
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 18.487 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 84 Resp: 249605
Ion Ratio Lower Upper
84 100
86 64.8 41.7 77.5
49 148.3 95.3 177.1

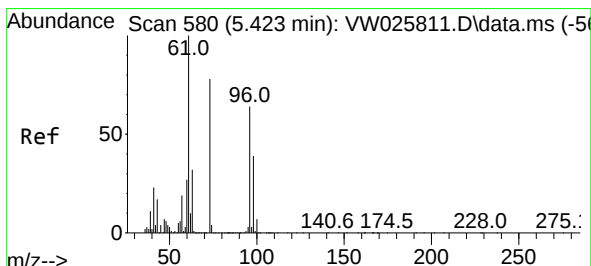
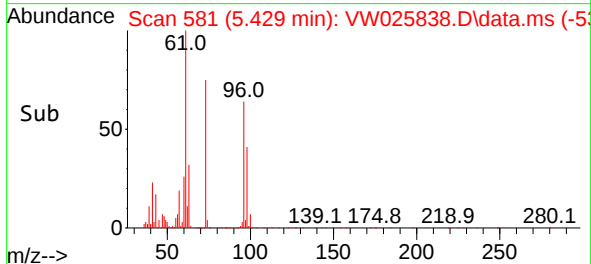
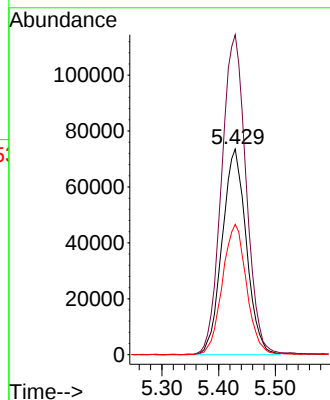
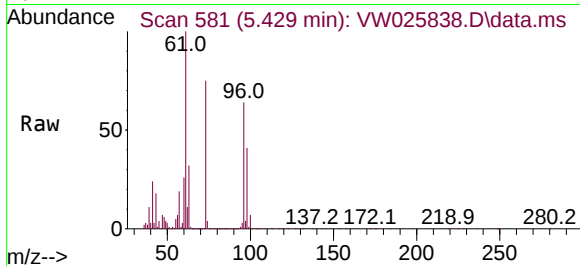




#17
trans-1,2-Dichloroethene
Concen: 22.807 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

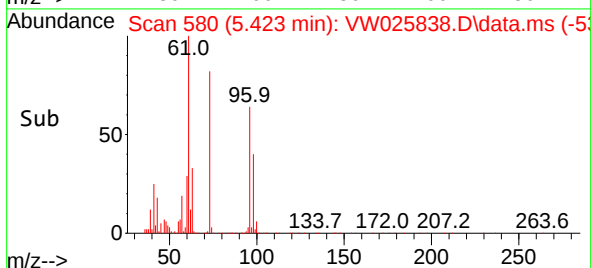
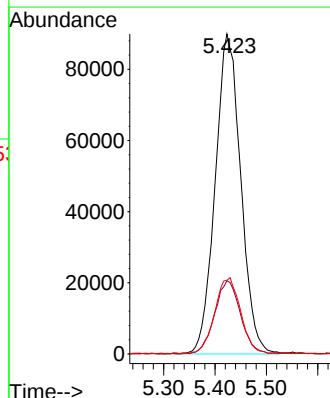
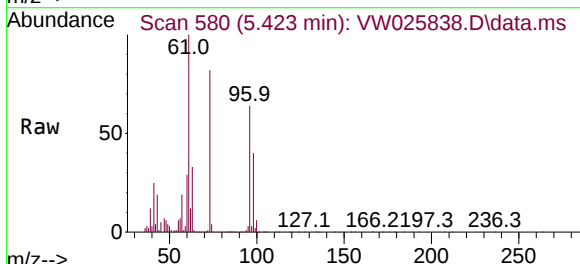
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

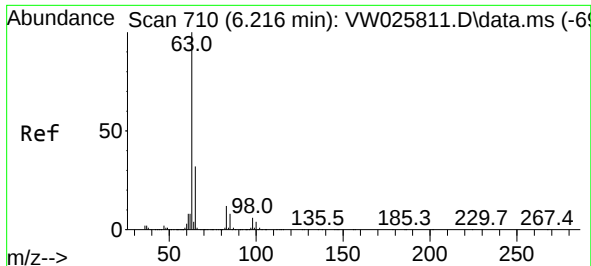
Tgt Ion: 96 Resp: 217847
Ion Ratio Lower Upper
96 100
61 155.6 108.1 200.9
98 63.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 21.415 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 73 Resp: 310450
Ion Ratio Lower Upper
73 100
43 22.9 18.2 27.4
57 23.7 19.2 28.8





#19

1,1-Dichloroethane

Concen: 23.315 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

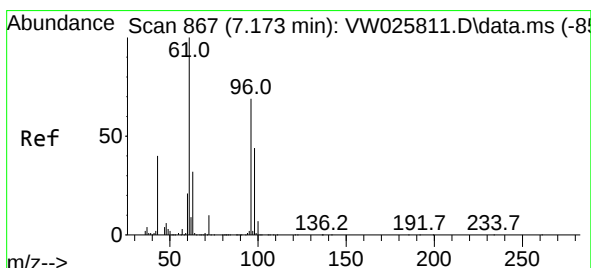
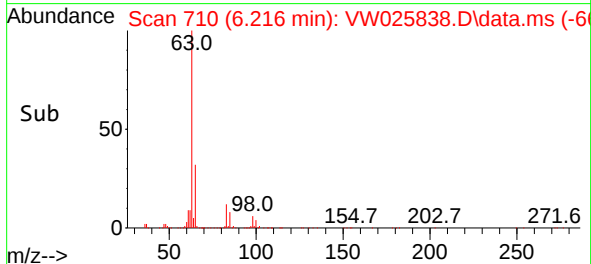
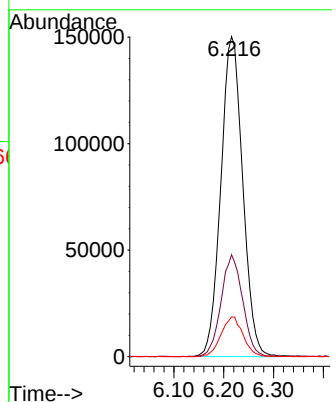
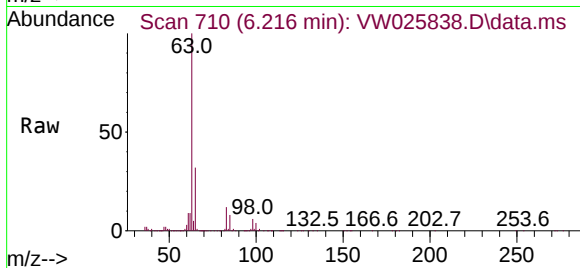
Tgt Ion: 63 Resp: 457538

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 22.351 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

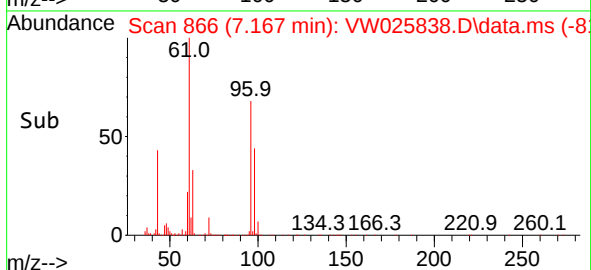
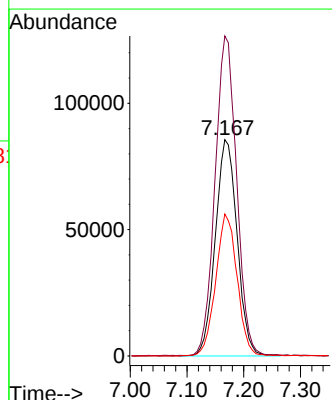
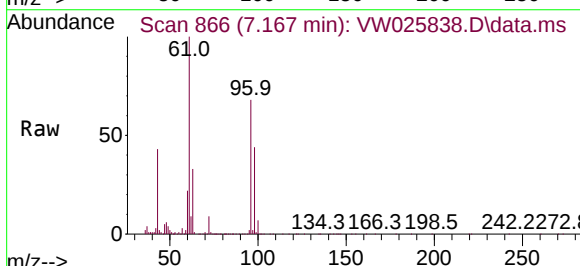
Tgt Ion: 96 Resp: 229039

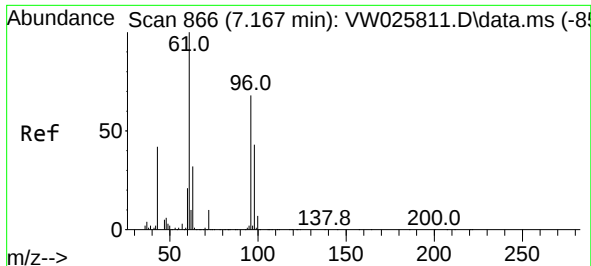
Ion Ratio Lower Upper

96 100

61 147.9 98.6 183.0

98 65.6 45.2 84.0

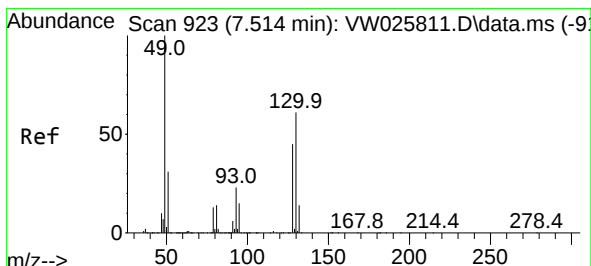
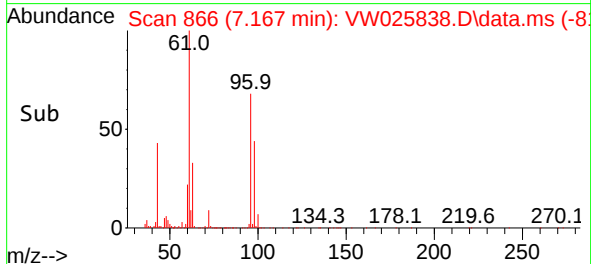
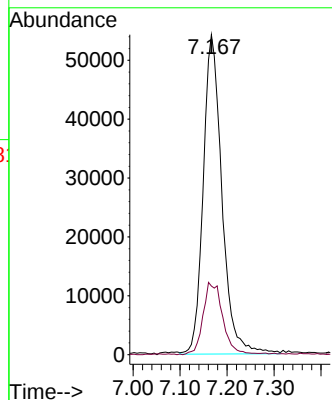
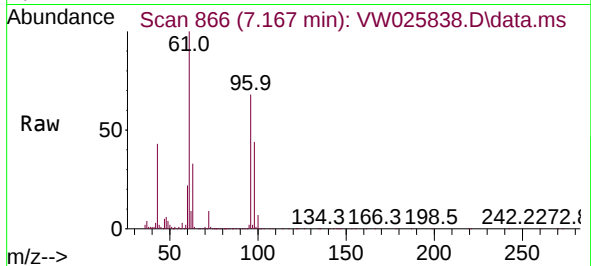




#22
2-Butanone
Concen: 39.902 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

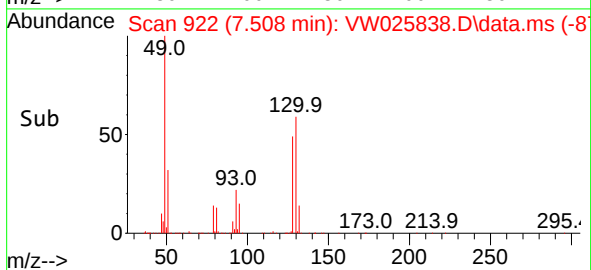
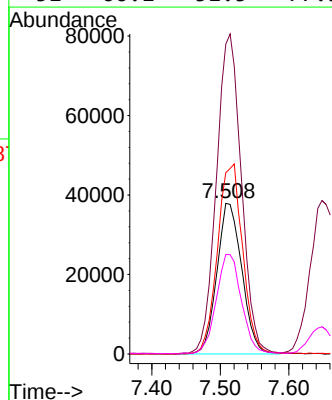
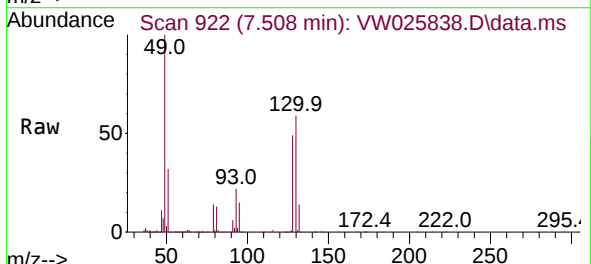
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

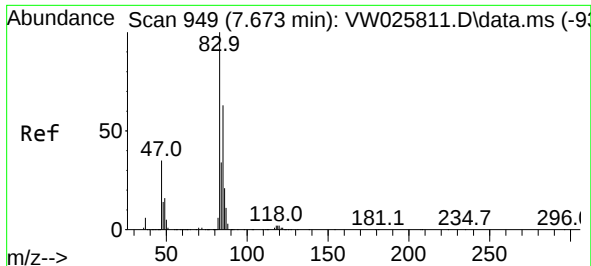
Tgt Ion: 43 Resp: 149834
Ion Ratio Lower Upper
43 100
72 14.2 11.8 35.4



#23
Bromochloromethane
Concen: 22.023 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 128 Resp: 95609
Ion Ratio Lower Upper
128 100
49 205.7 151.5 281.5
130 120.4 91.3 169.6
51 66.1 51.5 77.3

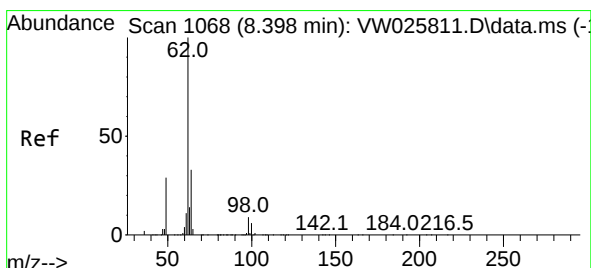
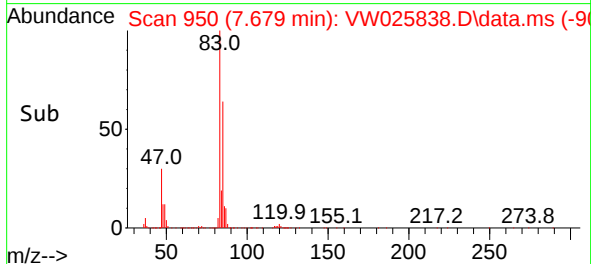
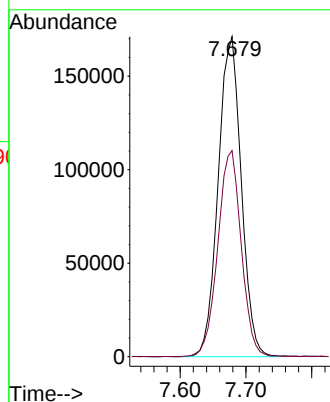
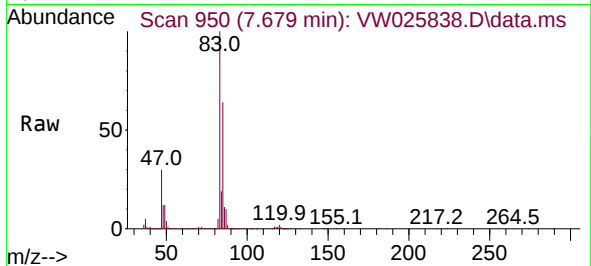




#25
Chloroform
Concen: 23.203 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

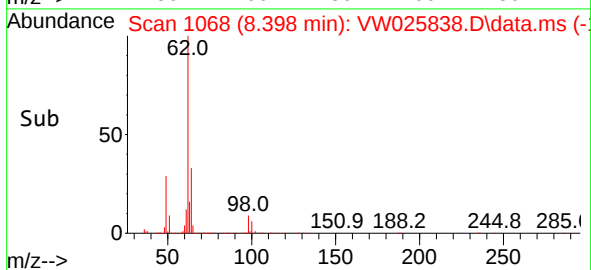
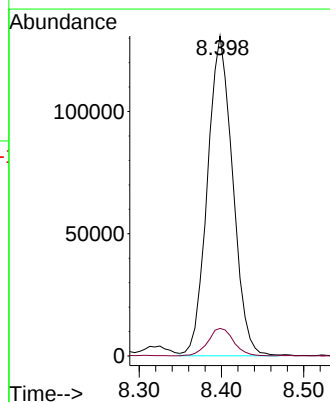
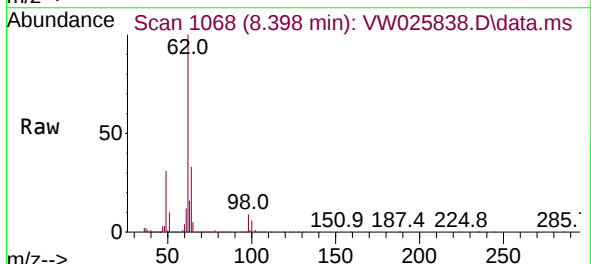
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

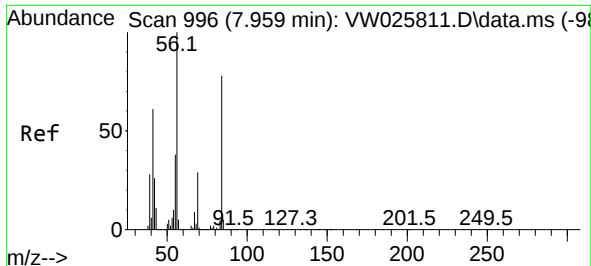
Tgt Ion: 83 Resp: 418512
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 21.799 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 62 Resp: 279230
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8

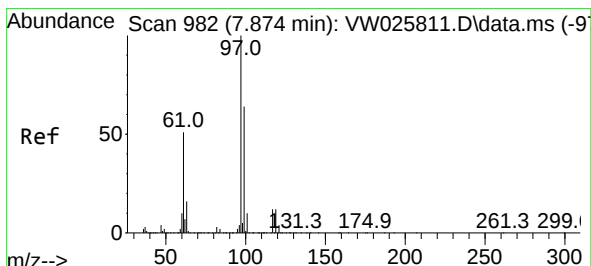
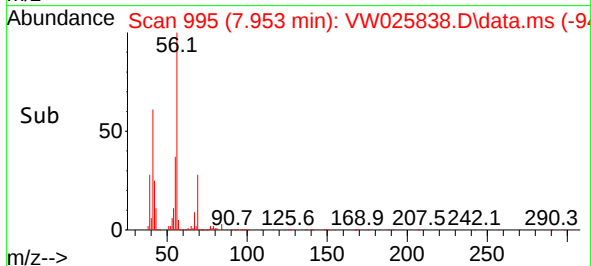
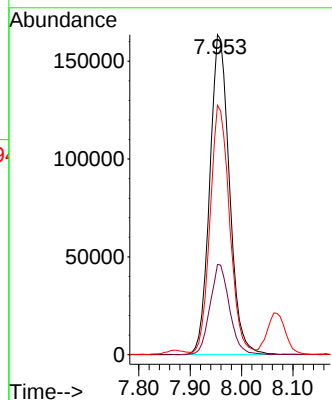
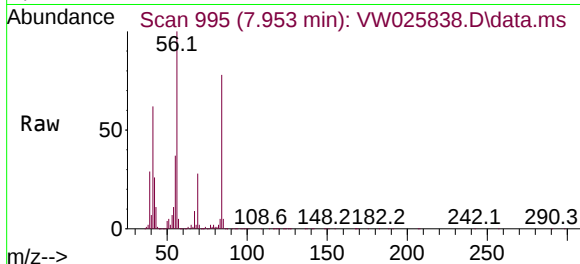




#29
Cyclohexane
Concen: 24.705 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

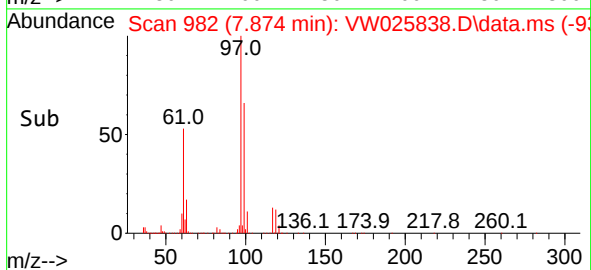
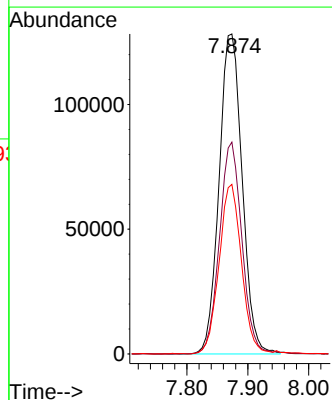
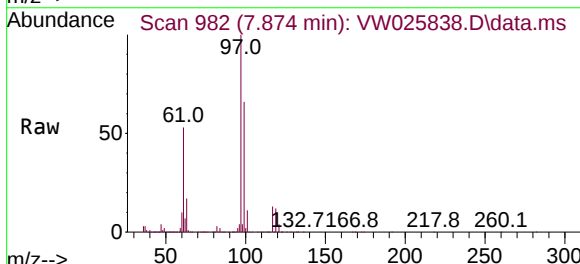
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

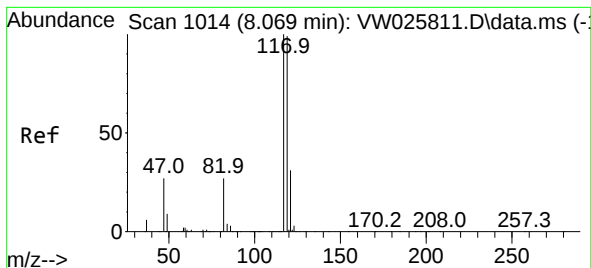
Tgt Ion: 56 Resp: 434092
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.0
84 77.7 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 24.375 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 97 Resp: 337996
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 51.5 40.4 60.6





#31

Carbon tetrachloride

Concen: 24.972 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

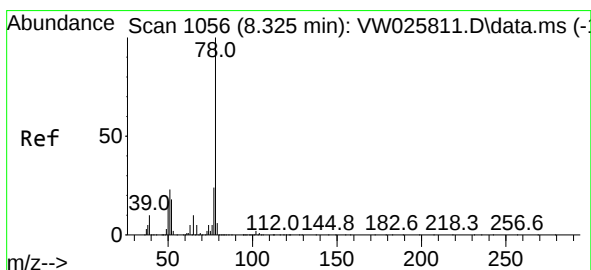
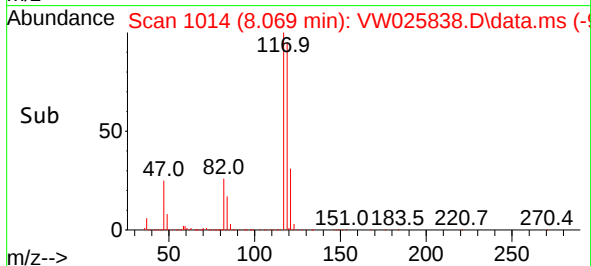
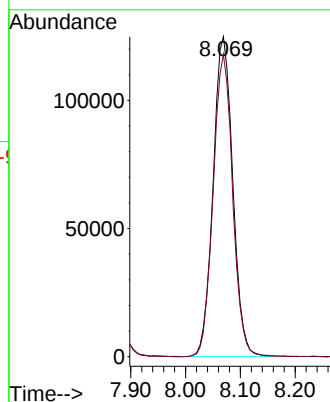
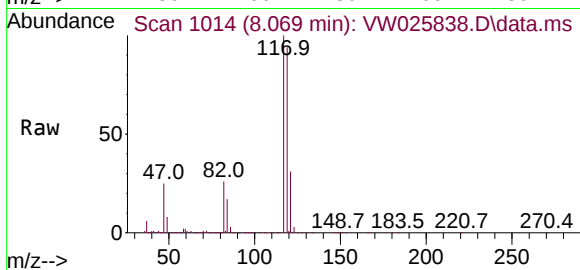
VSTD025594

Tgt Ion:117 Resp: 311629

Ion Ratio Lower Upper

117 100

119 93.4 76.9 115.3



#33

Benzene

Concen: 24.054 ug/L

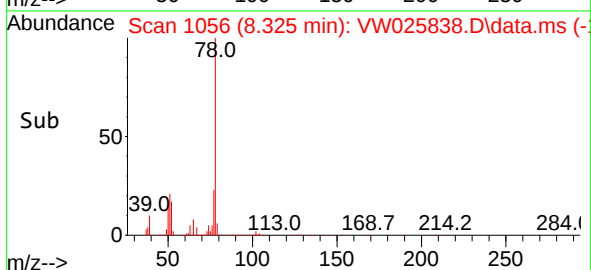
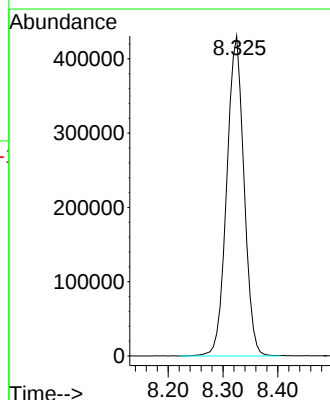
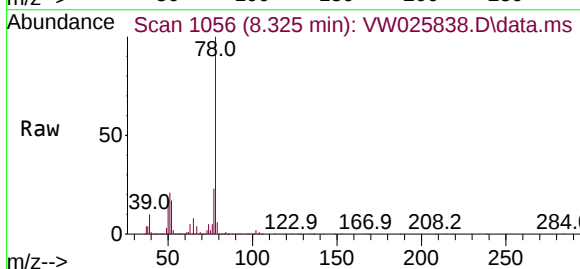
RT: 8.325 min Scan# 1056

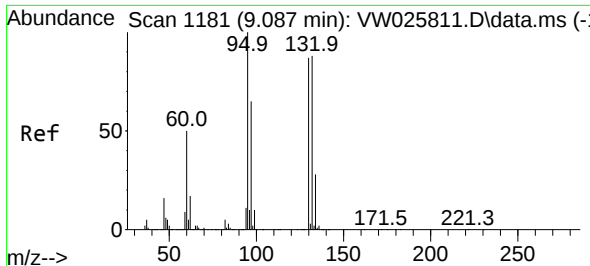
Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Tgt Ion: 78 Resp: 943582



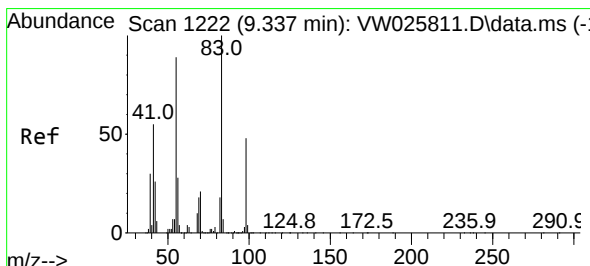
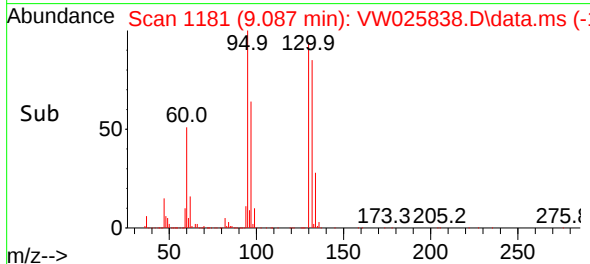
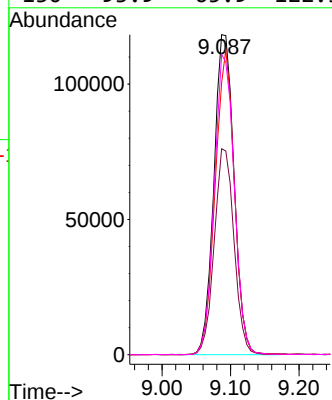
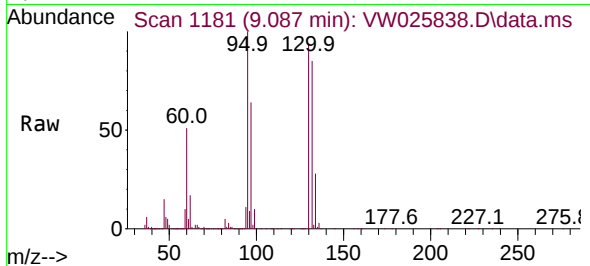


#34
Trichloroethene
Concen: 23.968 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

Tgt Ion: 95 Resp: 241263

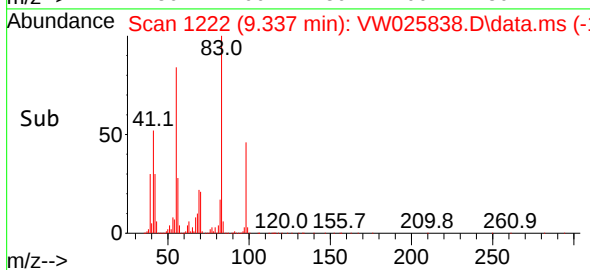
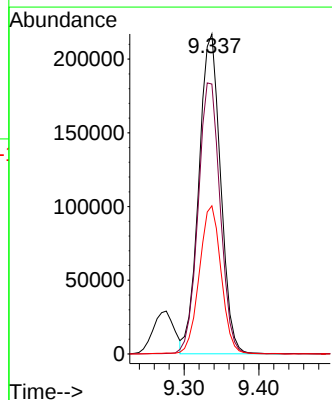
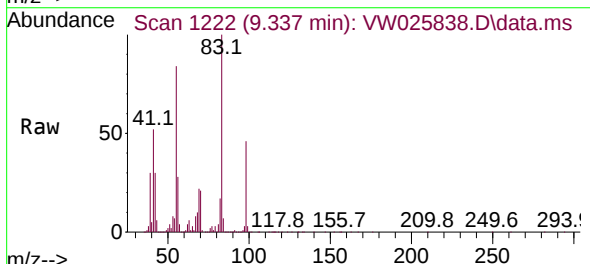
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.9	85.3
132	85.0	66.0	122.6
130	93.9	65.9	122.3

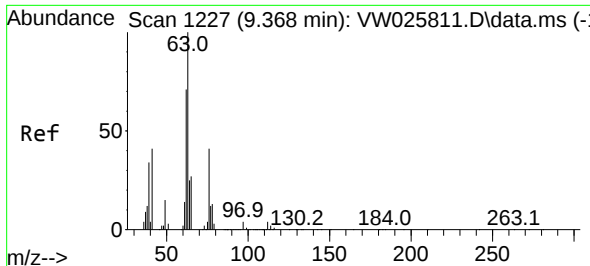


#35
Methylcyclohexane
Concen: 24.433 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 83 Resp: 437435

Ion	Ratio	Lower	Upper
83	100		
55	86.2	69.0	103.4
98	46.5	37.1	55.7





#37

1,2-Dichloropropane

Concen: 23.830 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

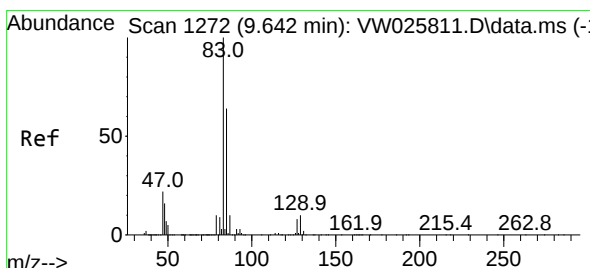
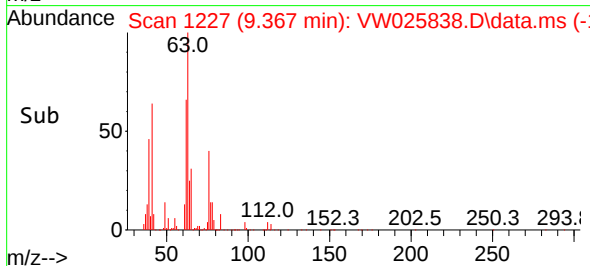
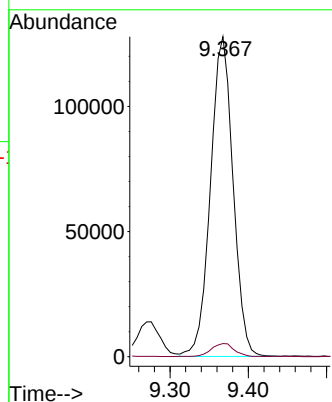
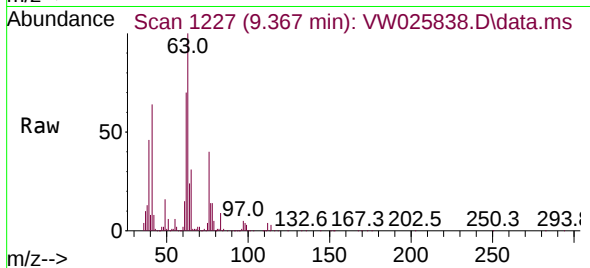
VSTD025594

Tgt Ion: 63 Resp: 256109

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 23.072 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

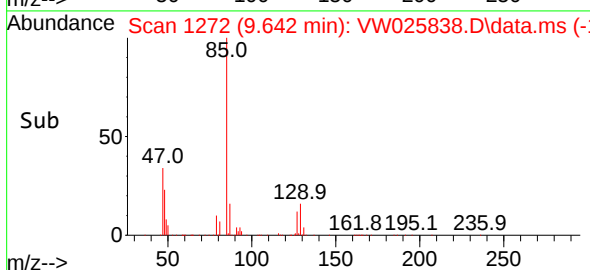
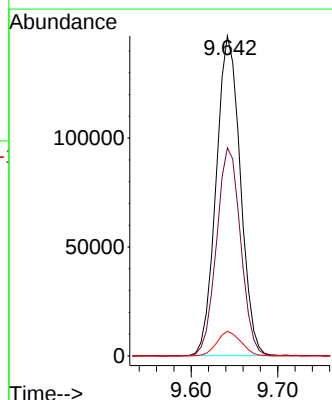
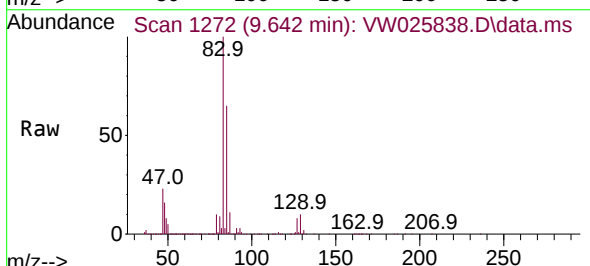
Tgt Ion: 83 Resp: 284478

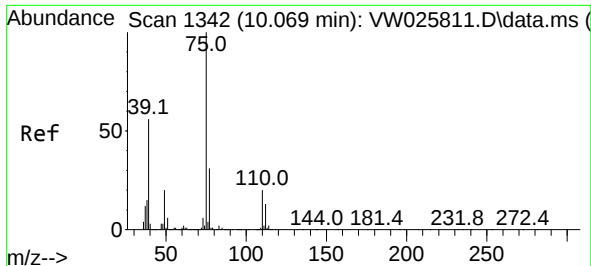
Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.5

127 7.7 6.5 9.7

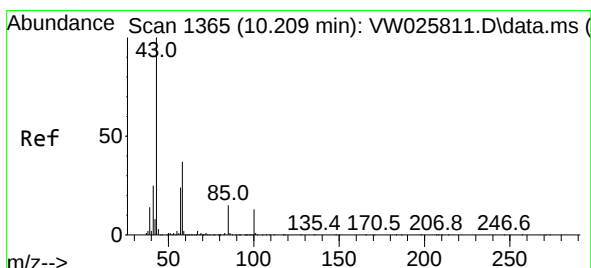
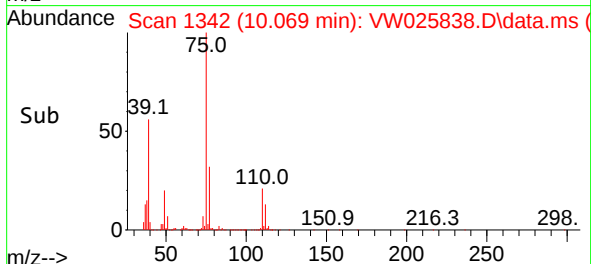
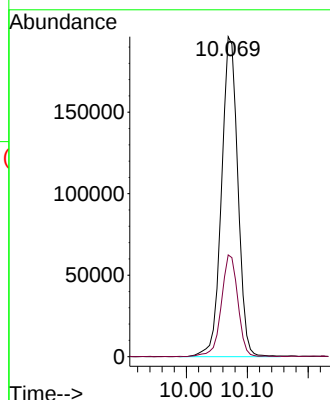
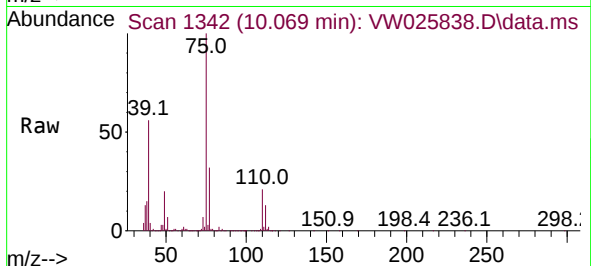




#39
cis-1,3-Dichloropropene
Concen: 23.208 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

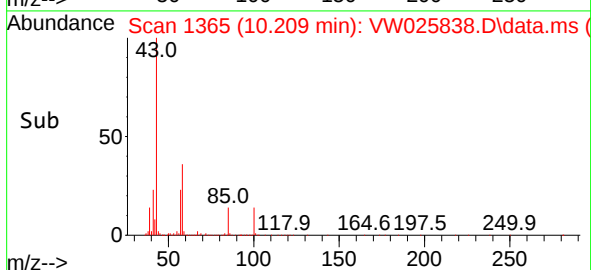
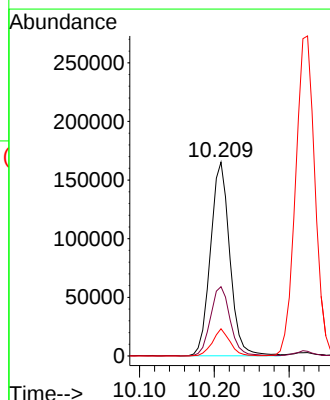
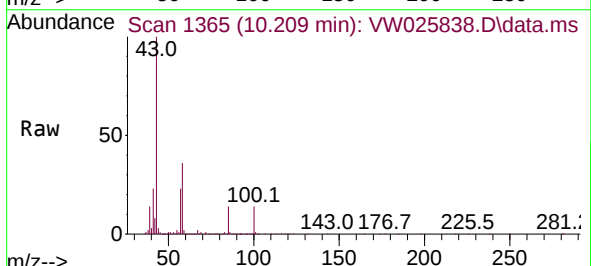
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

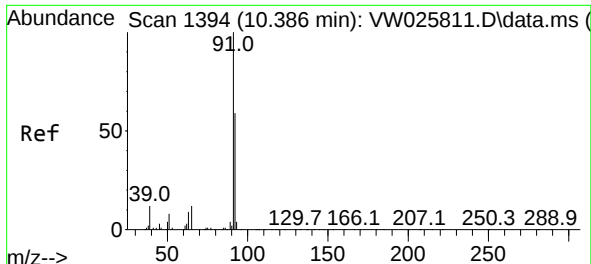
Tgt Ion: 75 Resp: 365775
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 42.342 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 43 Resp: 296206
Ion Ratio Lower Upper
43 100
58 36.5 29.4 44.0
100 12.8 10.1 15.1

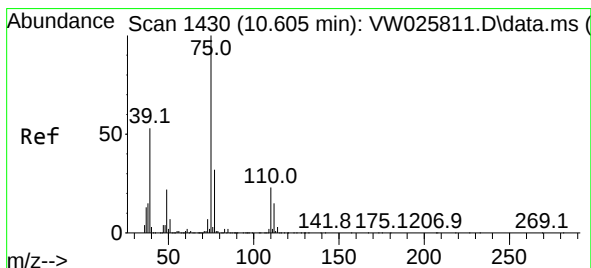
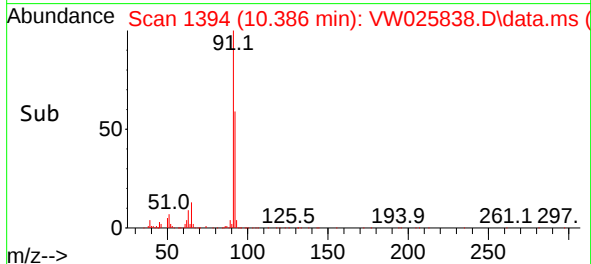
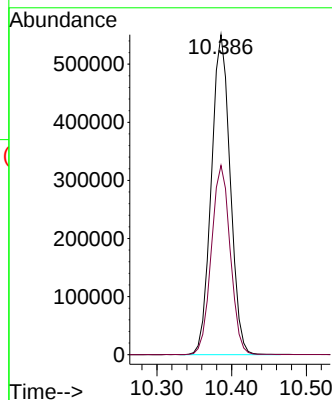
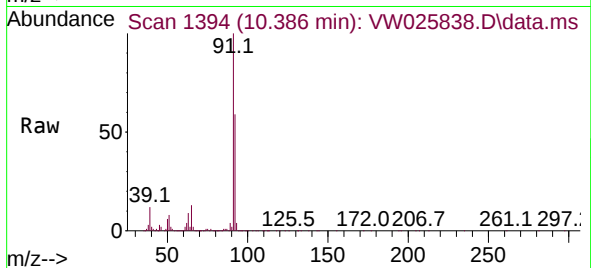




#42
Toluene
Concen: 24.117 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

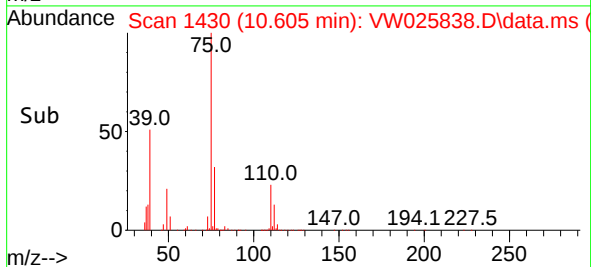
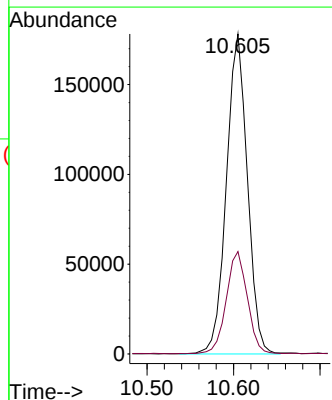
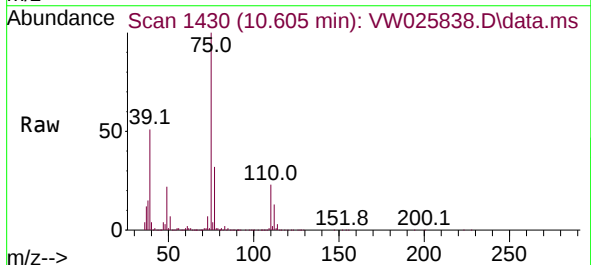
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

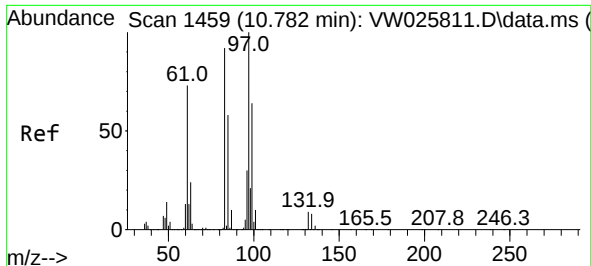
Tgt Ion: 91 Resp: 966668
Ion Ratio Lower Upper
91 100
92 59.1 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 22.953 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 75 Resp: 299756
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 22.356 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

Tgt Ion: 97 Resp: 160727

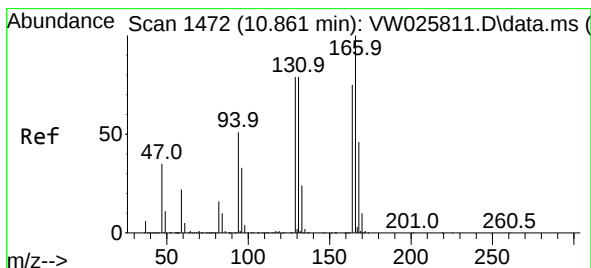
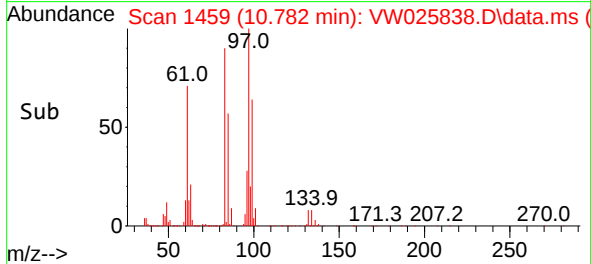
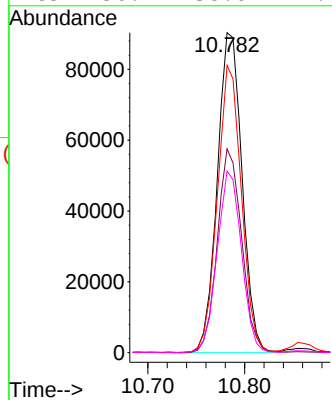
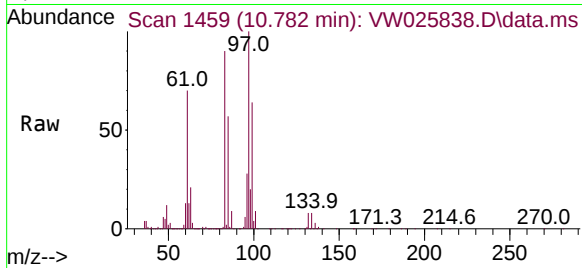
Ion Ratio Lower Upper

97 100

99 63.7 44.5 82.7

83 89.8 63.0 117.0

85 56.7 38.6 71.8



#46

Tetrachloroethene

Concen: 24.583 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Tgt Ion:164 Resp: 174092

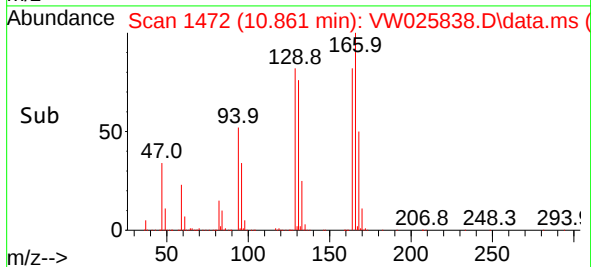
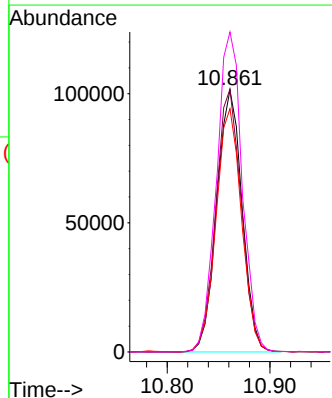
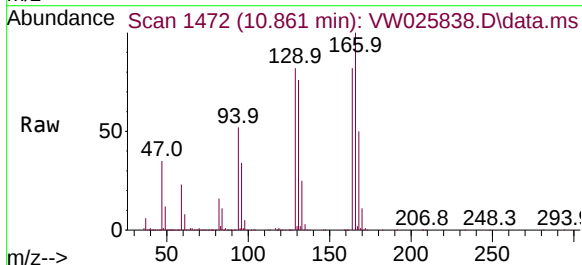
Ion Ratio Lower Upper

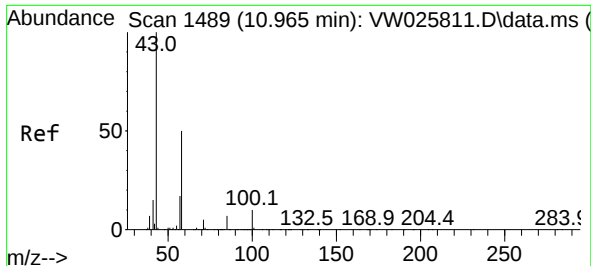
164 100

129 100.4 74.3 138.1

131 92.8 71.3 132.3

166 122.1 91.5 169.9

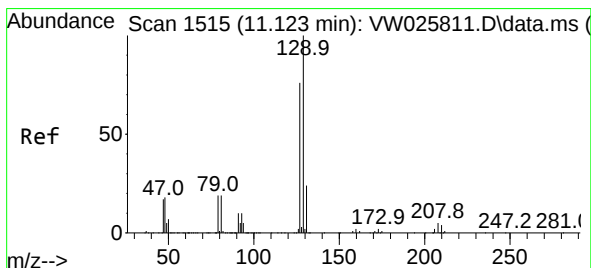
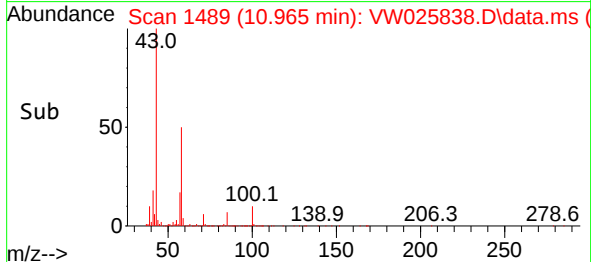
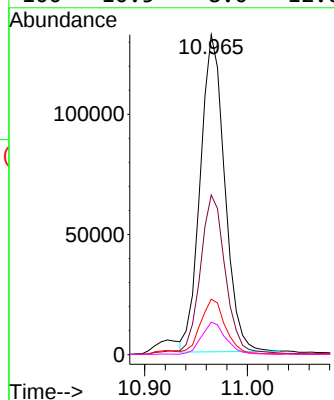
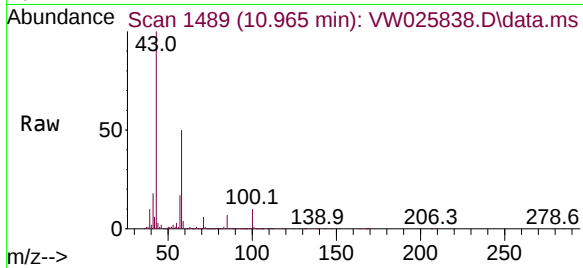




#48
2-Hexanone
Concen: 43.502 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

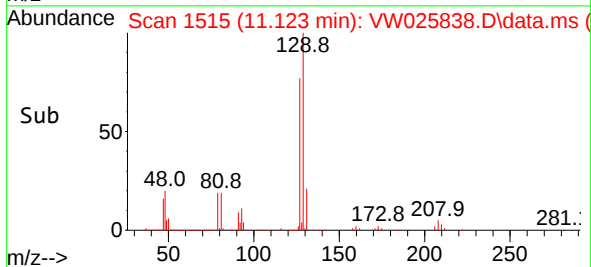
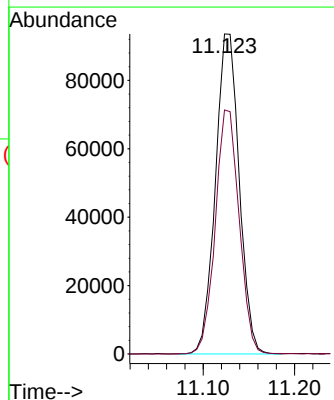
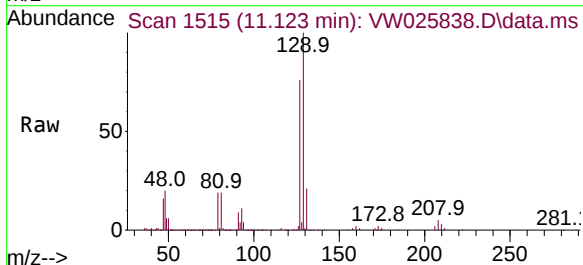
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

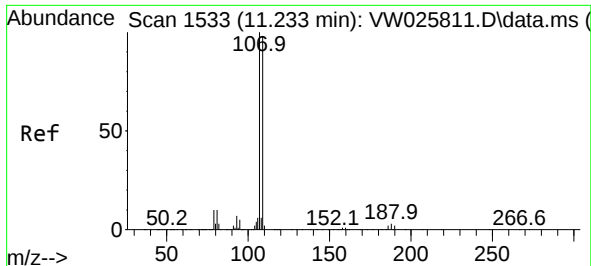
Tgt Ion:	43	Resp:	218012
Ion	Ratio	Lower	Upper
43	100		
58	51.2	40.8	61.2
57	18.0	13.6	20.4
100	10.5	8.0	12.0



#49
Dibromochloromethane
Concen: 22.783 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion:	129	Resp:	169576
Ion	Ratio	Lower	Upper
129	100		
127	76.2	56.1	104.3

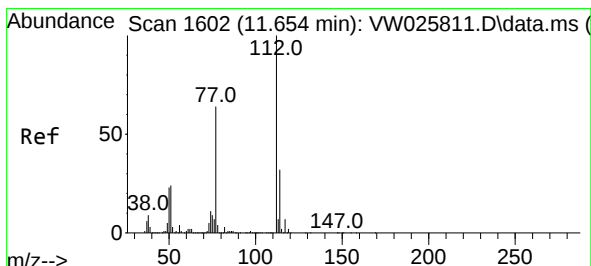
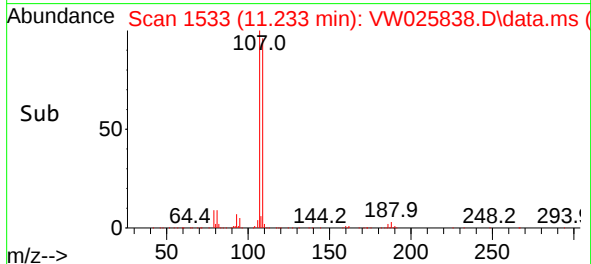
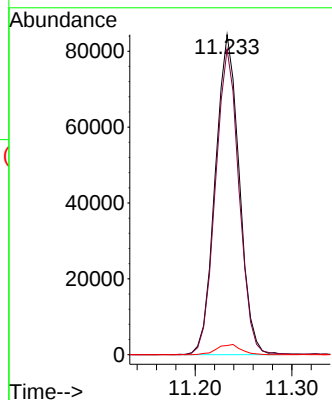
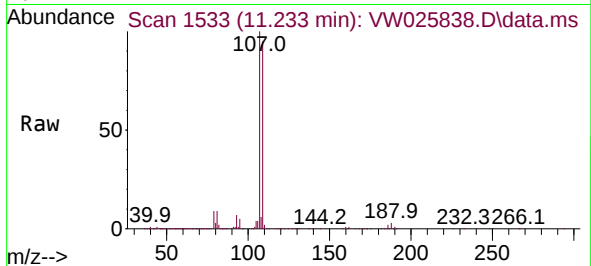




#50
1,2-Dibromoethane
Concen: 21.867 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

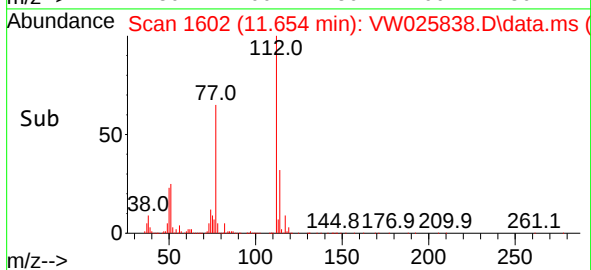
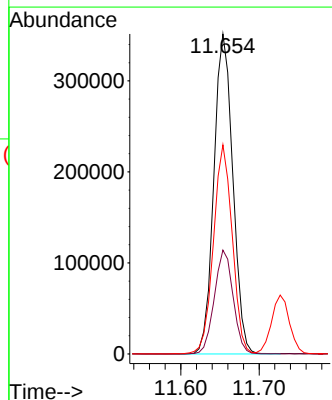
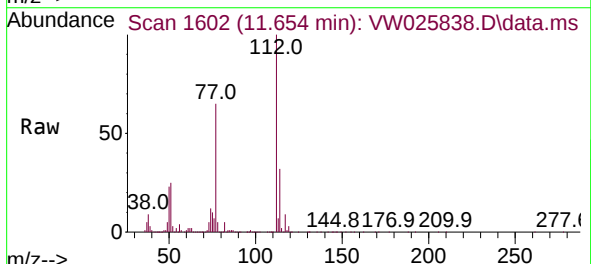
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

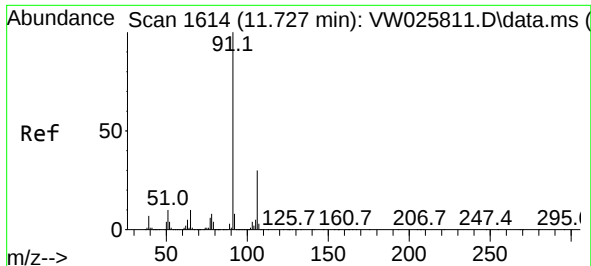
Tgt Ion:107 Resp: 144928
Ion Ratio Lower Upper
107 100
109 95.4 67.5 125.4
188 2.8 2.6 4.0



#51
Chlorobenzene
Concen: 23.813 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion:112 Resp: 591289
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.3
77 65.4 53.0 79.6

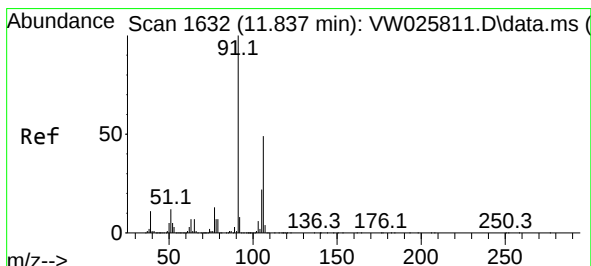
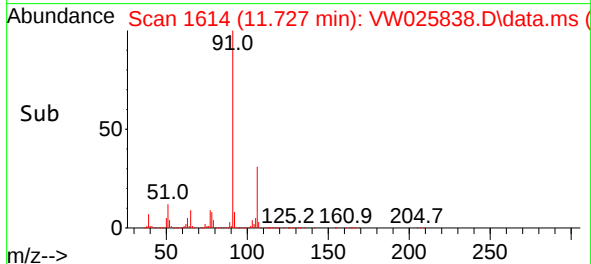
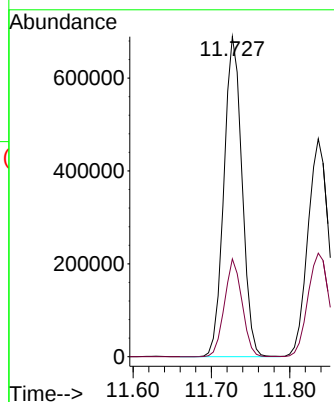
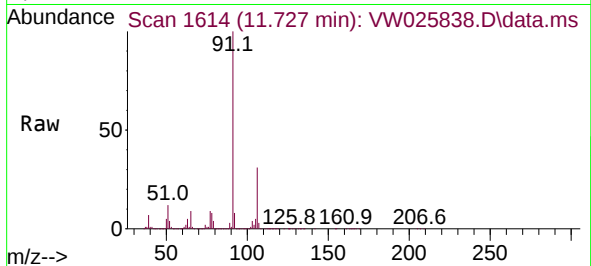




#52
Ethylbenzene
Concen: 24.570 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

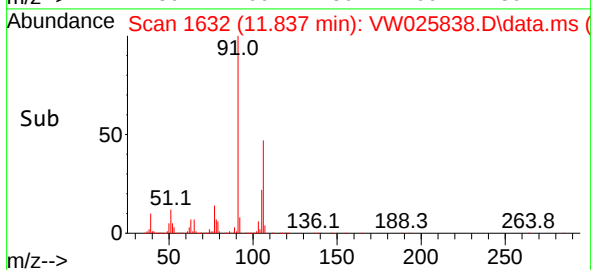
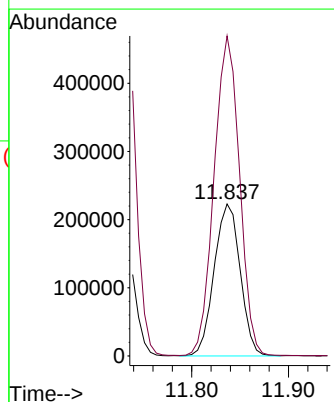
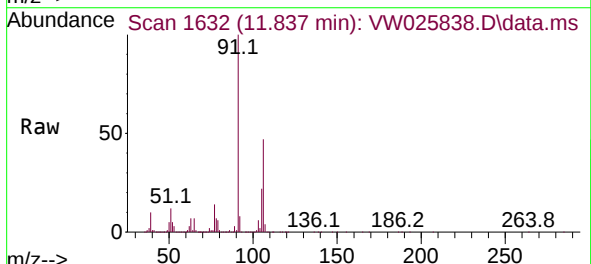
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

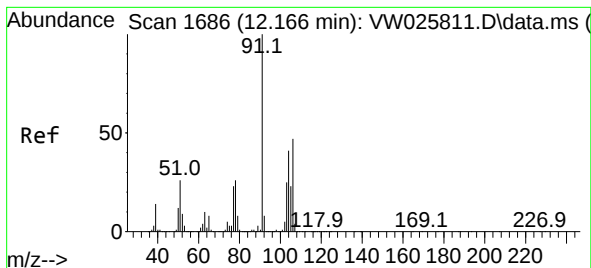
Tgt Ion: 91 Resp: 1107801
Ion Ratio Lower Upper
91 100
106 30.6 20.8 38.6



#53
m,p-Xylene
Concen: 25.092 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 106 Resp: 416387
Ion Ratio Lower Upper
106 100
91 210.6 150.1 278.9

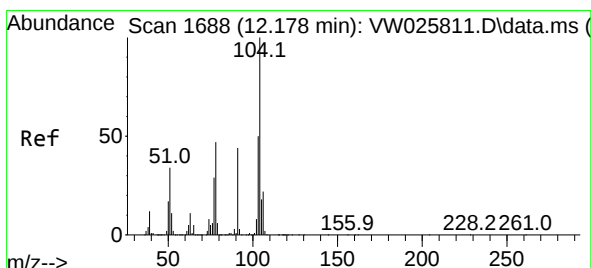
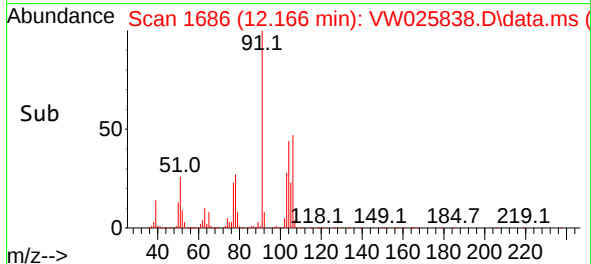
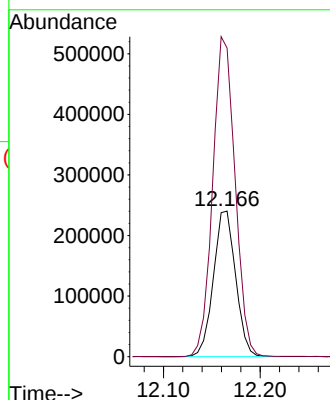
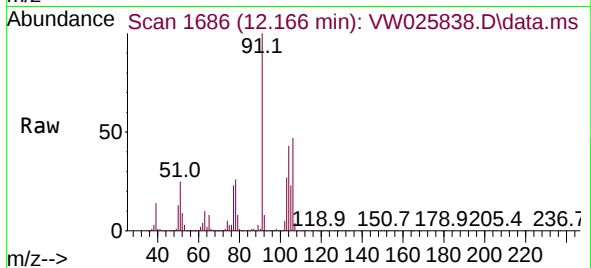




#54
o-Xylene
Concen: 24.536 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

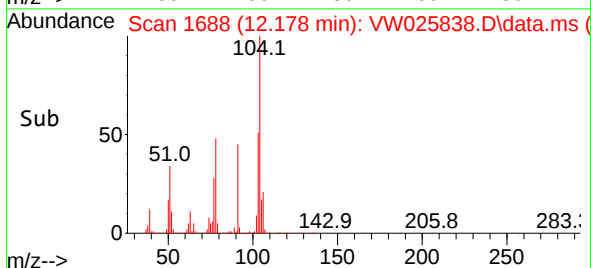
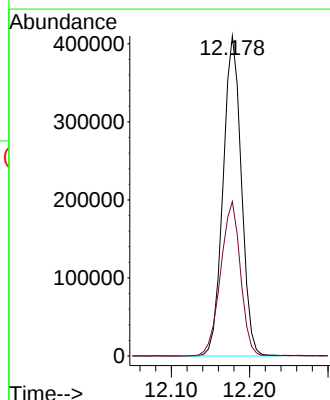
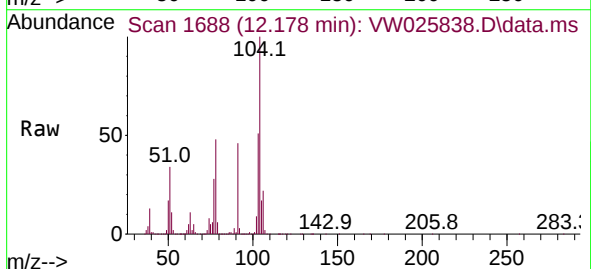
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

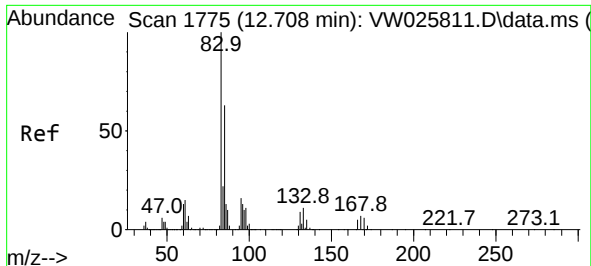
Tgt Ion:106 Resp: 383765
Ion Ratio Lower Upper
106 100
91 212.0 157.8 293.1



#55
Styrene
Concen: 24.875 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion:104 Resp: 665931
Ion Ratio Lower Upper
104 100
78 48.2 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.146 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

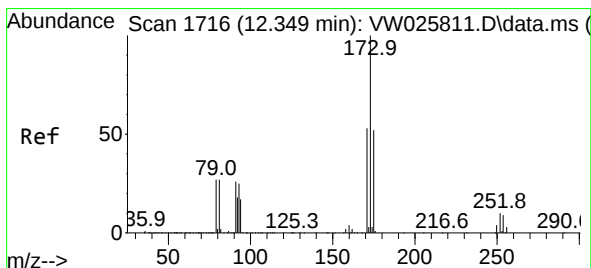
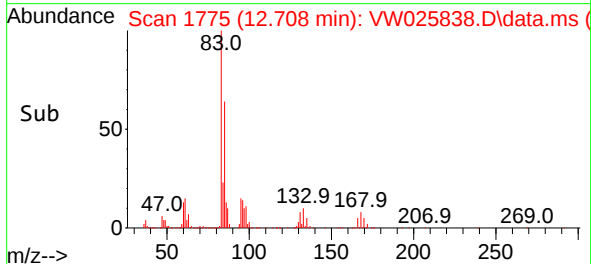
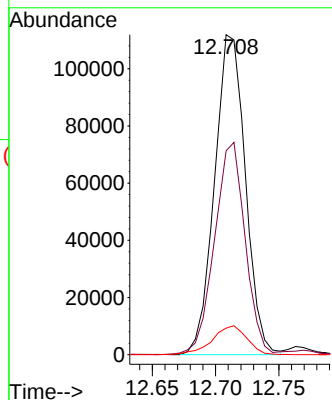
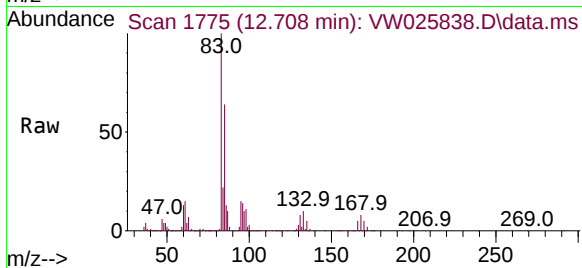
Tgt Ion: 83 Resp: 189690

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.8

131 8.3 8.1 12.1



#59

Bromoform

Concen: 21.695 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

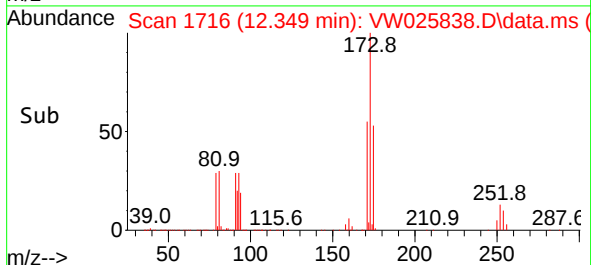
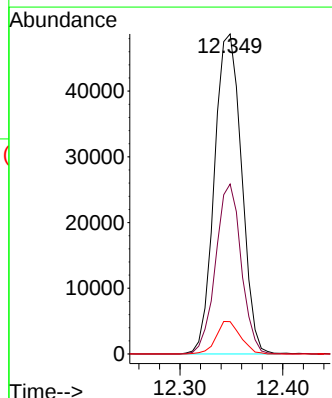
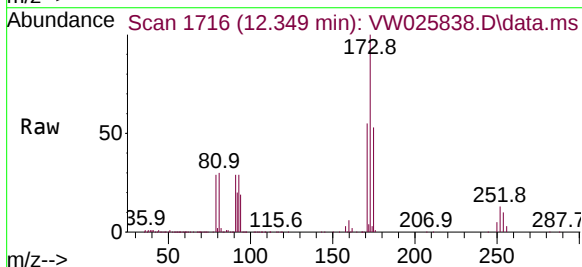
Tgt Ion: 173 Resp: 89308

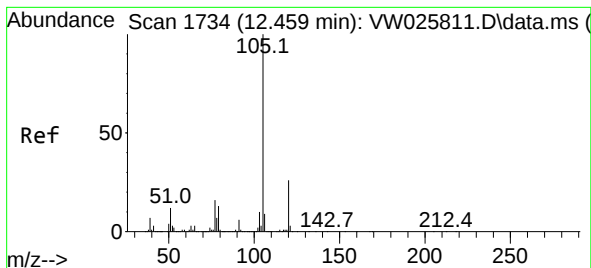
Ion Ratio Lower Upper

173 100

175 50.0 38.6 57.8

254 9.1 7.6 11.4





#60

Isopropylbenzene

Concen: 25.737 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

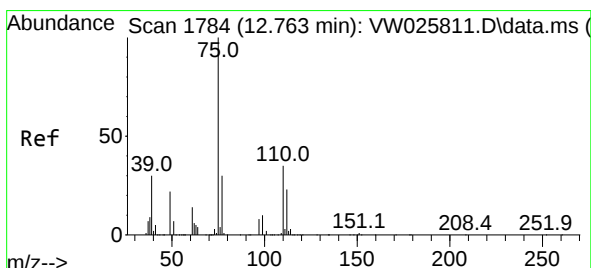
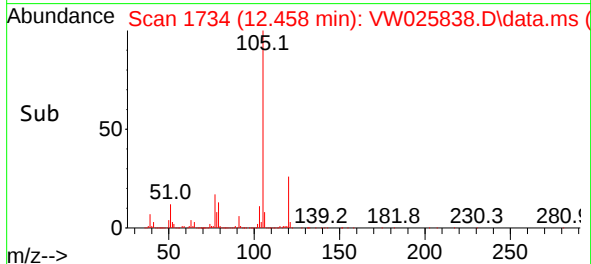
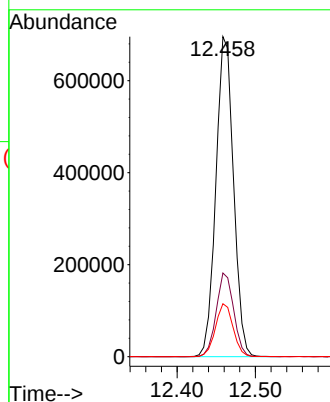
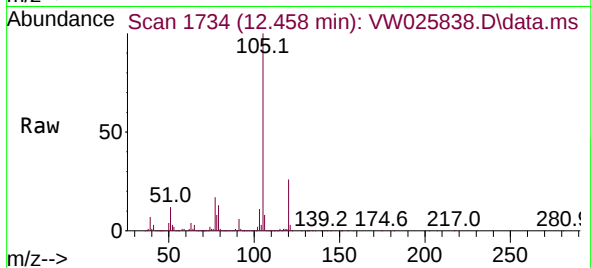
Tgt Ion:105 Resp: 1087231

Ion Ratio Lower Upper

105 100

120 25.9 21.1 31.7

77 16.6 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 21.296 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

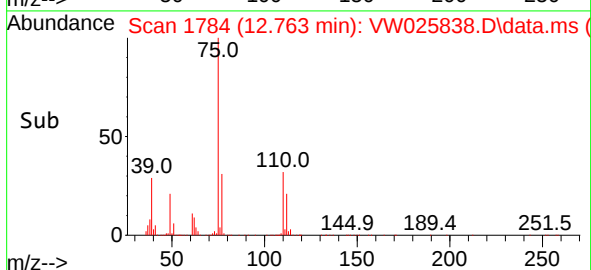
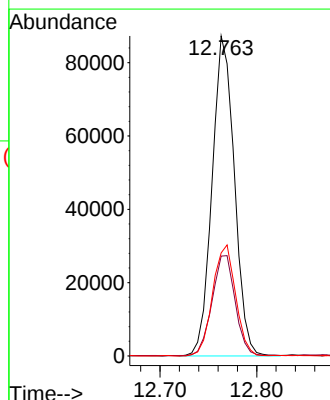
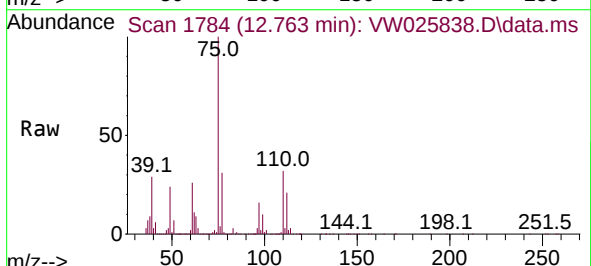
Tgt Ion: 75 Resp: 139872

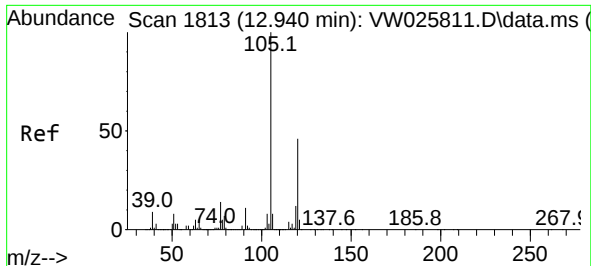
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

110 35.6 27.6 41.4

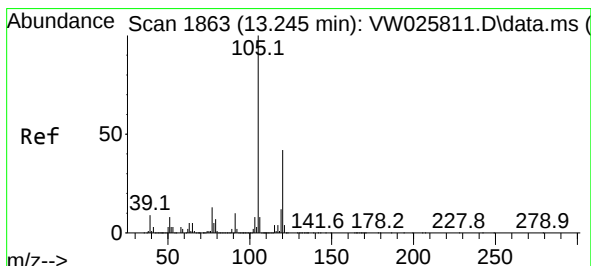
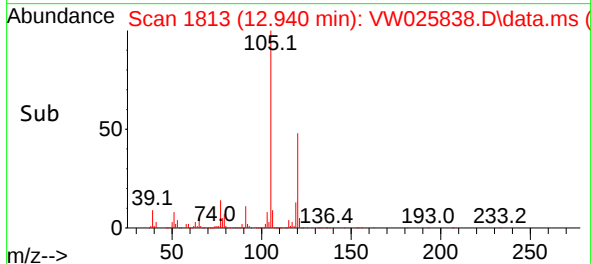
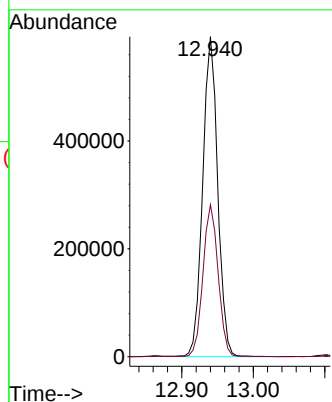
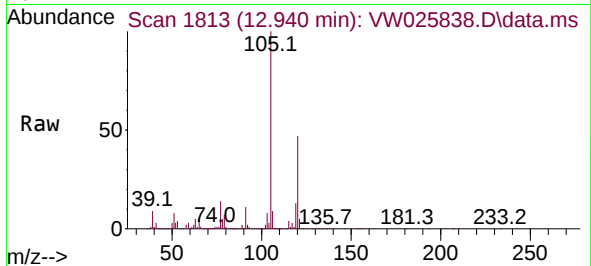




#62
 1,3,5-Trimethylbenzene
 Concen: 25.900 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW025838.D
 Acq: 04 May 2023 11:43

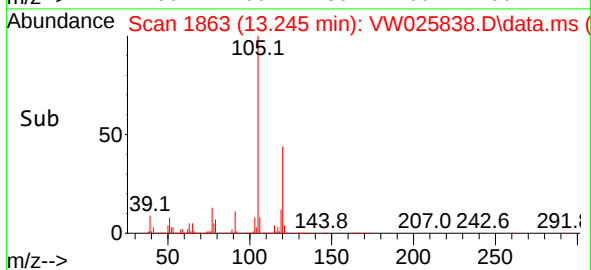
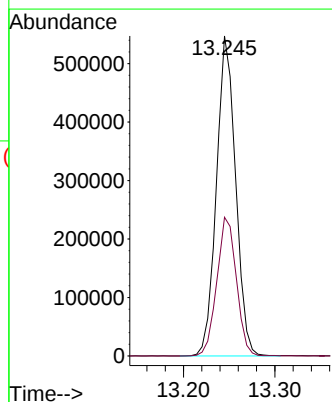
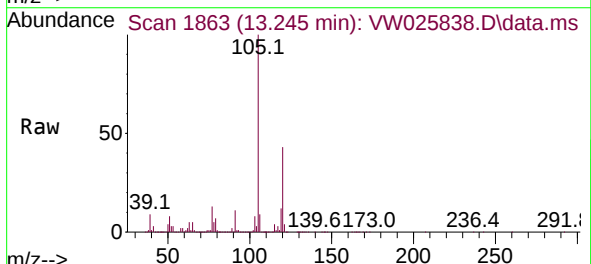
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

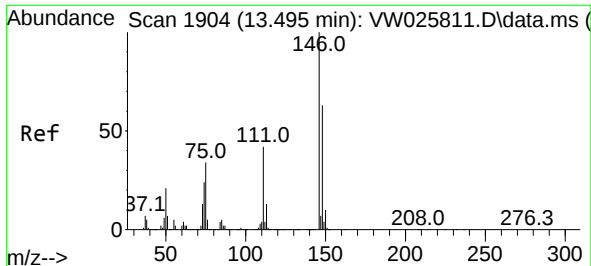
Tgt Ion:105 Resp: 866603
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.1 55.7



#63
 1,2,4-Trimethylbenzene
 Concen: 25.814 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025838.D
 Acq: 04 May 2023 11:43

Tgt Ion:105 Resp: 797033
 Ion Ratio Lower Upper
 105 100
 120 44.3 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 24.542 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

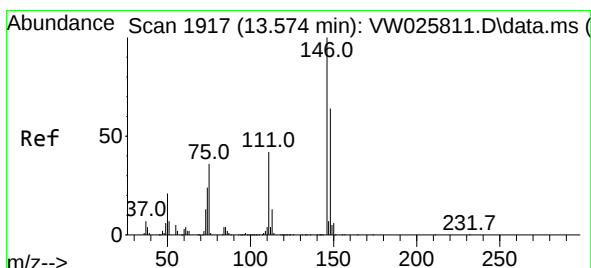
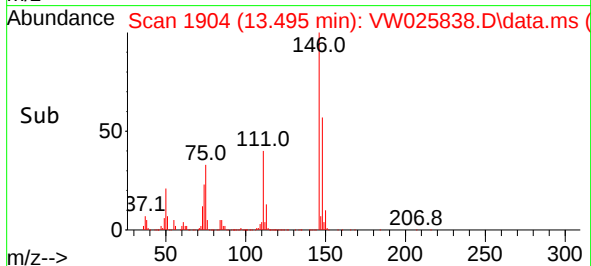
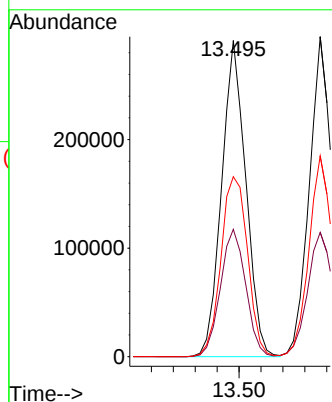
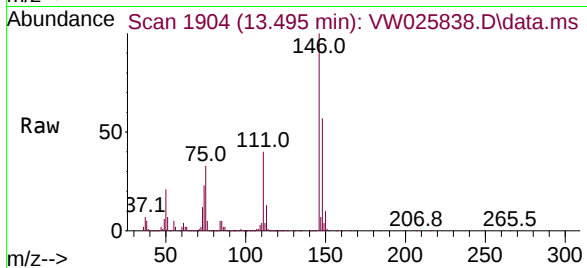
Tgt Ion:146 Resp: 446296

Ion Ratio Lower Upper

146 100

111 40.3 30.4 56.4

148 56.9 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 23.781 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

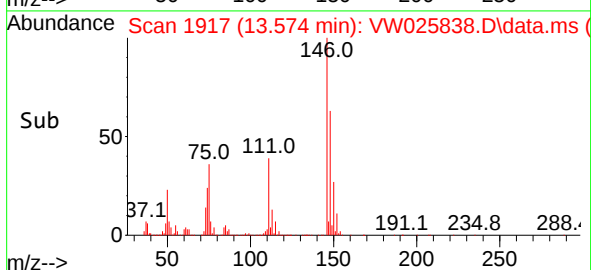
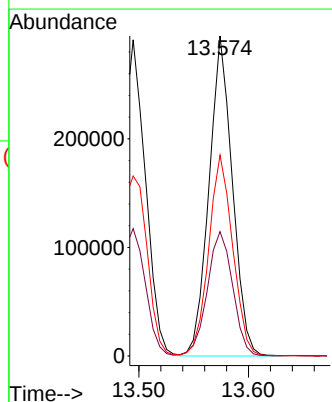
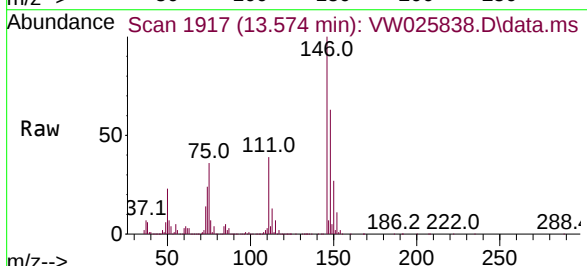
Tgt Ion:146 Resp: 436916

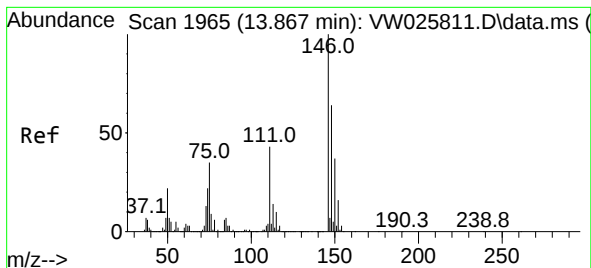
Ion Ratio Lower Upper

146 100

111 38.9 27.9 51.9

148 62.8 44.7 82.9

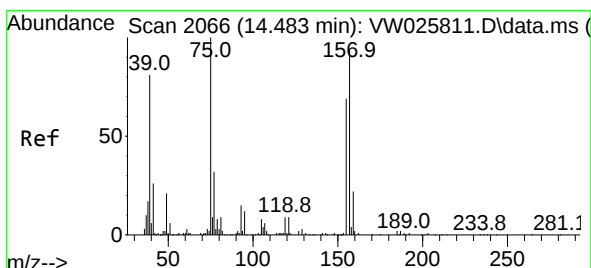
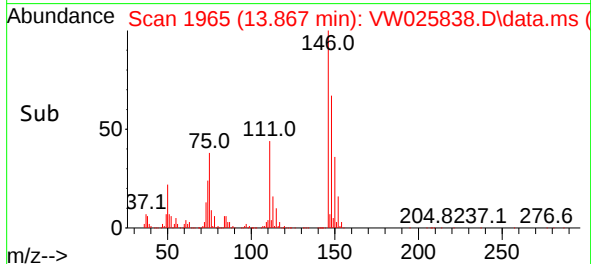
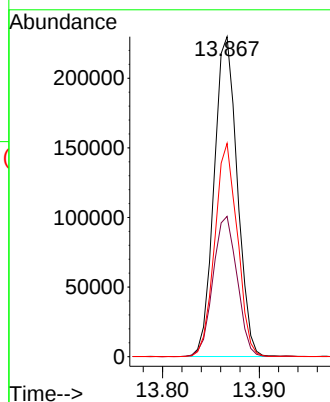
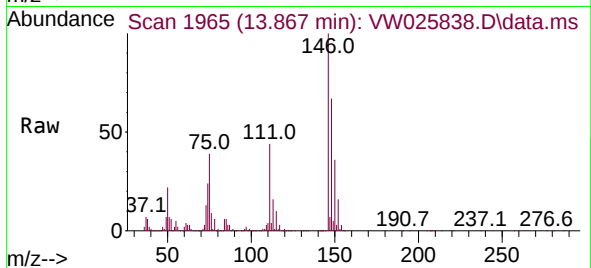




#67
1,2-Dichlorobenzene
Concen: 23.540 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

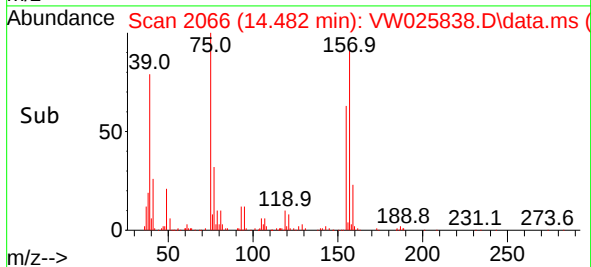
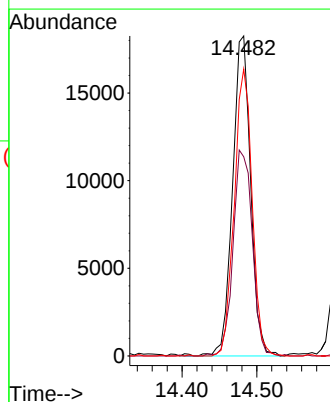
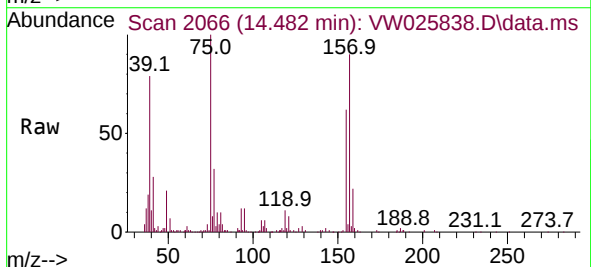
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

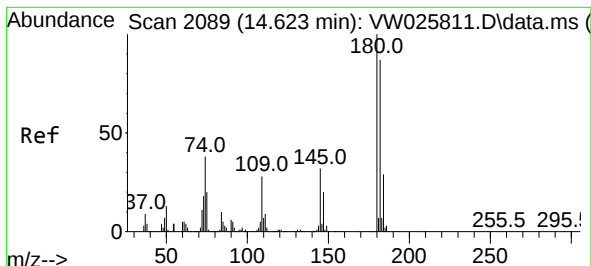
Tgt Ion:146 Resp: 381769
Ion Ratio Lower Upper
146 100
111 43.9 37.7 56.5
148 66.6 49.4 74.0



#68
1,2-Dibromo-3-chloropropane
Concen: 20.158 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW025838.D
Acq: 04 May 2023 11:43

Tgt Ion: 75 Resp: 30701
Ion Ratio Lower Upper
75 100
155 62.2 56.3 84.5
157 89.6 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 24.301 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

Tgt Ion:180 Resp: 293341

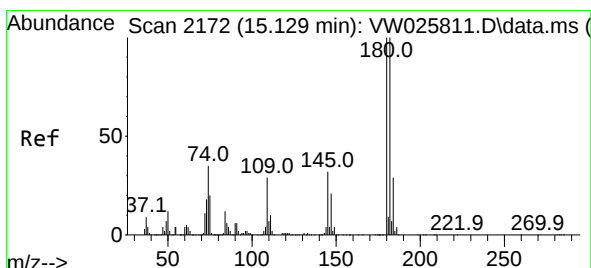
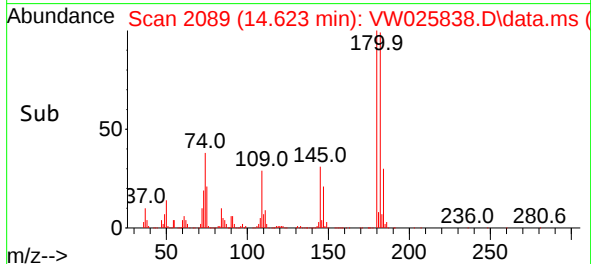
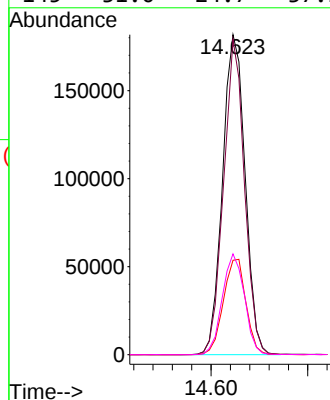
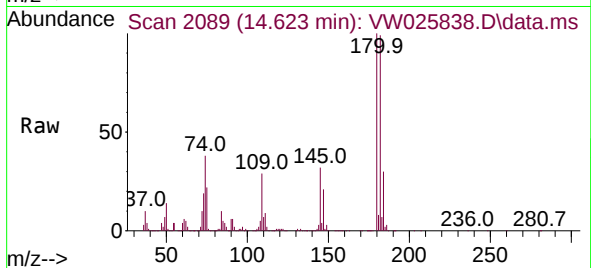
Ion Ratio Lower Upper

180 100

182 91.6 77.4 116.0

184 30.0 24.7 37.1

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.537 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

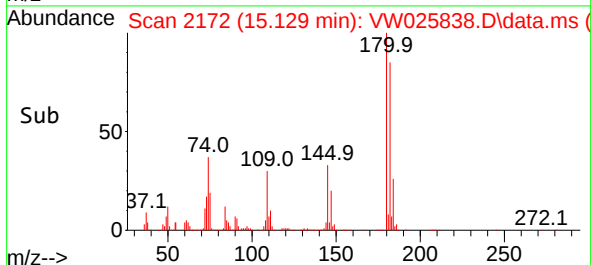
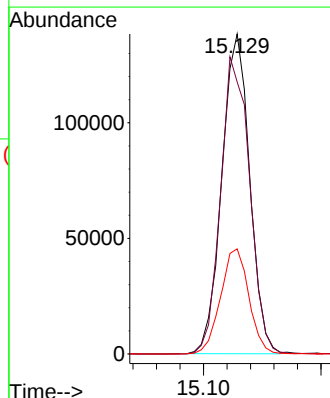
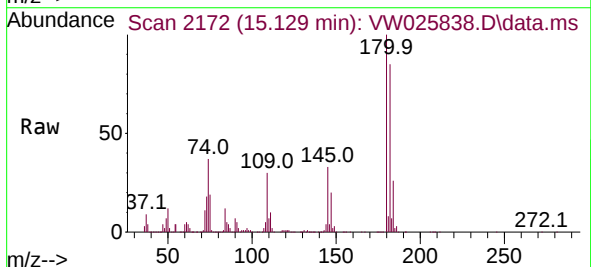
Tgt Ion:180 Resp: 227918

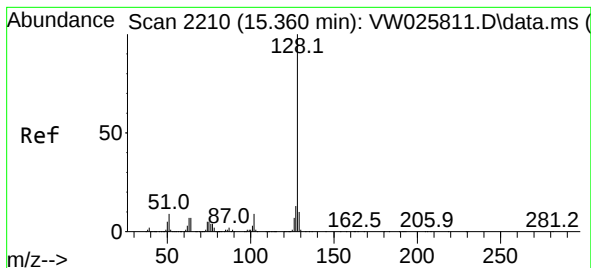
Ion Ratio Lower Upper

180 100

182 96.3 74.3 111.5

145 33.4 25.4 38.0





#71

Naphthalene

Concen: 21.943 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

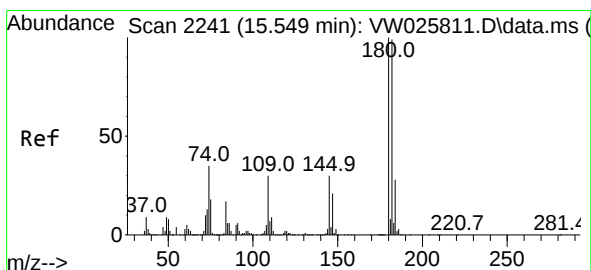
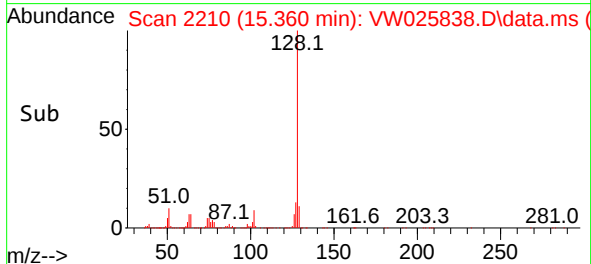
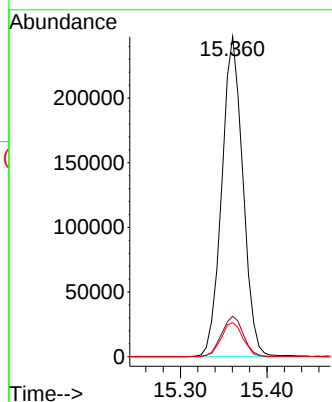
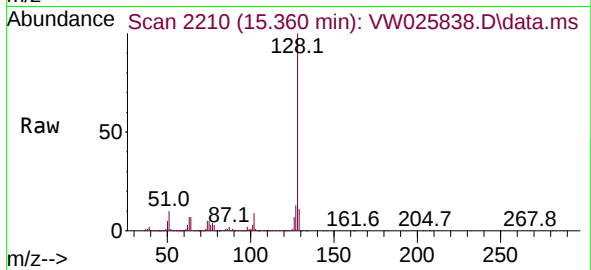
Tgt Ion:128 Resp: 418833

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.742 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025838.D

Acq: 04 May 2023 11:43

Tgt Ion:180 Resp: 213038

Ion Ratio Lower Upper

180 100

182 91.4 76.1 114.1

145 32.6 28.0 42.0

