

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
 Data File : VW026325.D
 Acq On : 23 Jun 2023 16:01
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Jun 23 23:11:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 23:07:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	601943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	563619	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	138600	16.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.480%
7) Chloroethane-d5	2.893	69	117296	18.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	4.027	65	72668	17.403	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.600%
21) 2-Butanone-d5	7.075	46	160211	64.985	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.960%
24) Chloroform-d	7.648	84	418925	23.766	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	8.307	65	231340	24.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	8.276	84	753297	19.863	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.440%
36) 1,2-Dichloropropane-d6	9.270	67	265181	22.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.280%
41) Toluene-d8	10.325	98	643166	19.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.480%
43) trans-1,3-Dichloroprop...	10.575	79	91132	19.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.560%
47) 2-Hexanone-d5	10.922	63	109627	57.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238290	27.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	230632	21.450	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	113906	15.436	ug/L	96
3) Chloromethane	2.223	50	204240	21.586	ug/L	95
5) Vinyl chloride	2.375	62	220424	21.795	ug/L	100
6) Bromomethane	2.783	94	114894	20.839	ug/L	99
8) Chloroethane	2.930	64	118197	21.627	ug/L	97
9) Trichlorofluoromethane	3.265	101	142377	21.882	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	185054	22.540	ug/L	99
12) 1,1-Dichloroethene	4.045	96	167717	21.884	ug/L	83
13) Acetone	4.119	43	80776	42.344	ug/L	97
14) Carbon disulfide	4.393	76	492255	18.195	ug/L	99
15) Methyl Acetate	4.667	43	109872	25.663	ug/L	99
16) Methylene chloride	4.917	84	221994	23.106	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	182566	21.232	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	310858	22.938	ug/L	99
19) 1,1-Dichloroethane	6.216	63	405977	23.191	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	210643	23.127	ug/L	96
22) 2-Butanone	7.167	43	141557	52.020	ug/L	97
23) Bromochloromethane	7.514	128	89041	22.922	ug/L	97
25) Chloroform	7.673	83	390153	23.928	ug/L	99

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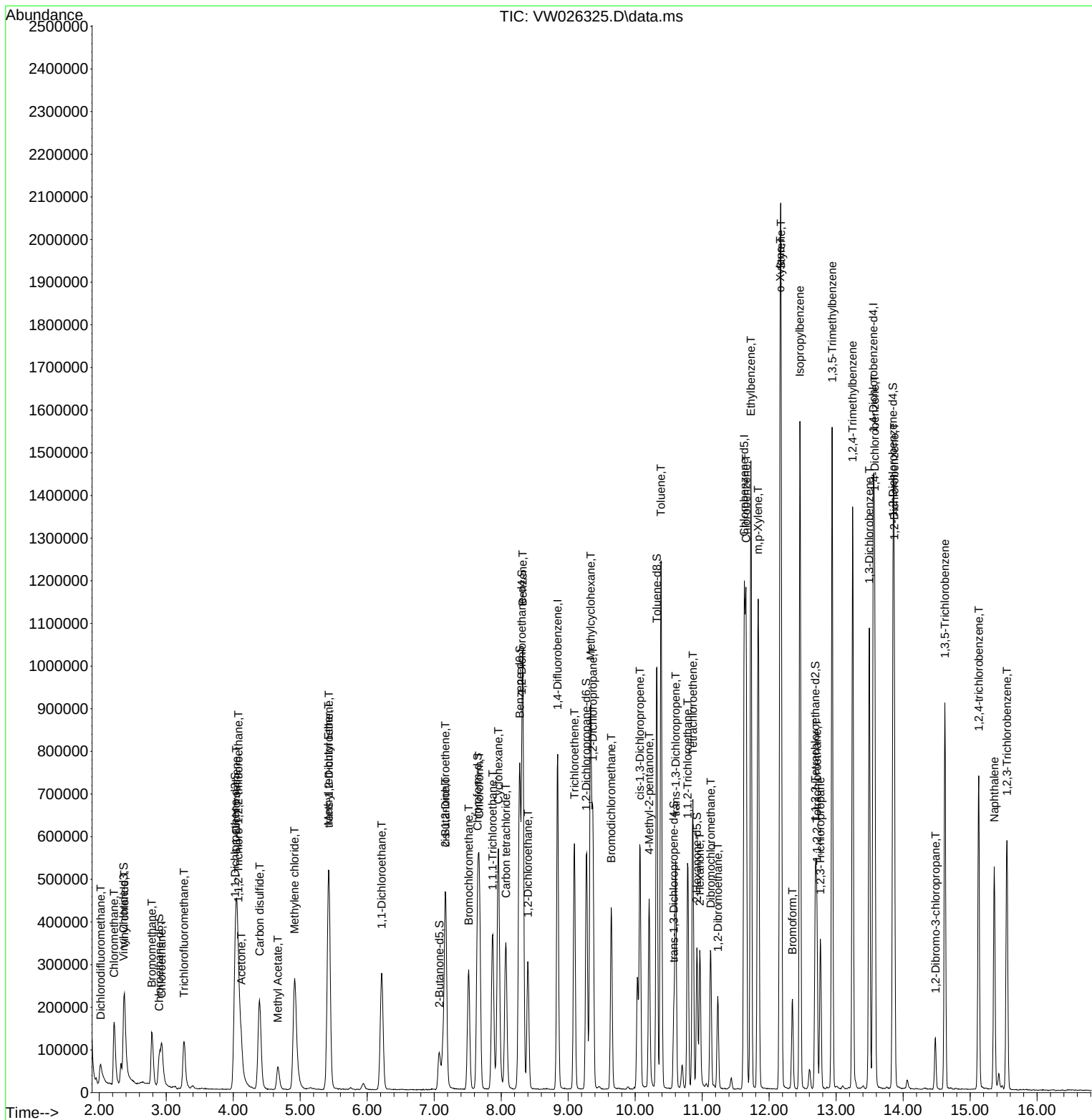
Instrument :
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 ClientSampleId :
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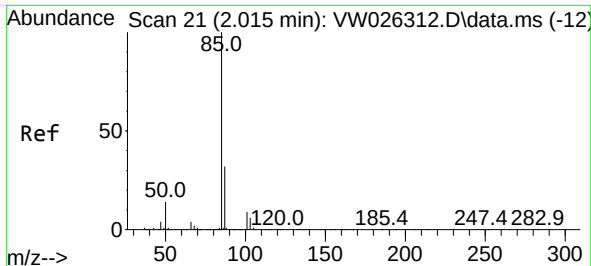
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 23:07:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	269752	23.988	ug/L	98
29) Cyclohexane	7.959	56	325894	18.729	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	298995	21.860	ug/L	100
31) Carbon tetrachloride	8.069	117	261229	20.930	ug/L	99
33) Benzene	8.319	78	842148	21.812	ug/L	100
34) Trichloroethene	9.093	95	204198	20.654	ug/L	94
35) Methylcyclohexane	9.337	83	331784	18.965	ug/L	98
37) 1,2-Dichloropropane	9.368	63	237721	22.732	ug/L	99
38) Bromodichloromethane	9.642	83	277316	22.825	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	332124	21.611	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	310106	50.297	ug/L	100
42) Toluene	10.386	91	872558	22.095	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	280133	21.880	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	163501	23.723	ug/L	98
46) Tetrachloroethene	10.861	164	140675	20.117	ug/L	97
48) 2-Hexanone	10.965	43	213593	49.133	ug/L	98
49) Dibromochloromethane	11.130	129	165488	22.901	ug/L	84
50) 1,2-Dibromoethane	11.233	107	147240	23.072	ug/L	97
51) Chlorobenzene	11.654	112	545061	22.026	ug/L	99
52) Ethylbenzene	11.727	91	963047	21.618	ug/L	95
53) m,p-Xylene	11.837	106	357095	21.548	ug/L	95
54) o-Xylene	12.166	106	342947	21.925	ug/L	98
55) Styrene	12.178	104	609776	22.723	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	202767	24.310	ug/L	97
59) Bromoform	12.349	173	91966	21.797	ug/L	100
60) Isopropylbenzene	12.459	105	946165	21.441	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	146737	23.320	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	753517	21.479	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	693256	21.576	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	391940	21.123	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	406867	21.780	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	338151	20.295	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.483	75	31838	21.839	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	250602	19.662	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	214233	20.370	ug/L	95
71) Naphthalene	15.360	128	410834	21.917	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	193814	21.086	ug/L	97

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

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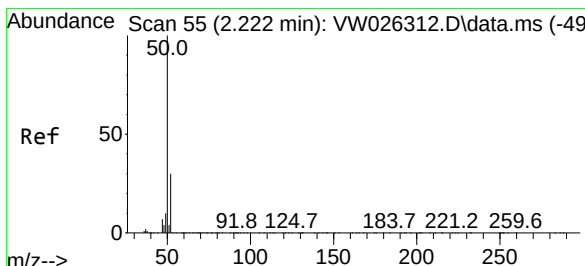
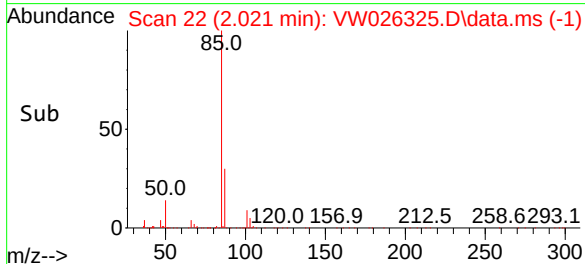
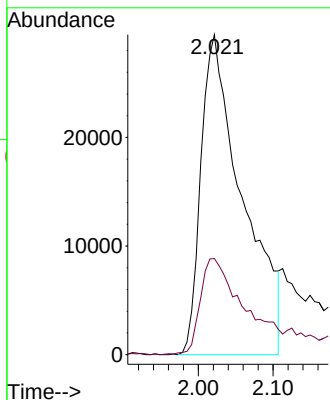
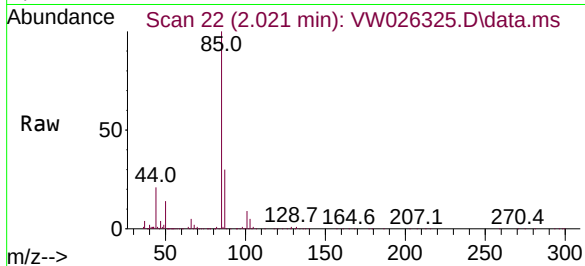




#2
 Dichlorodifluoromethane
 Concen: 15.436 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

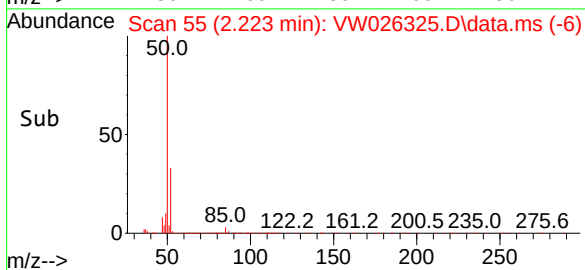
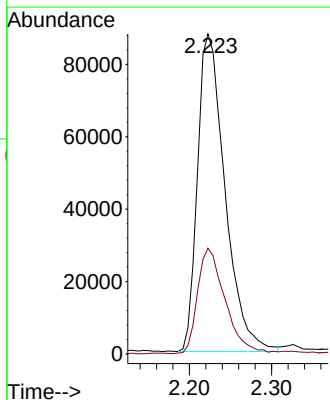
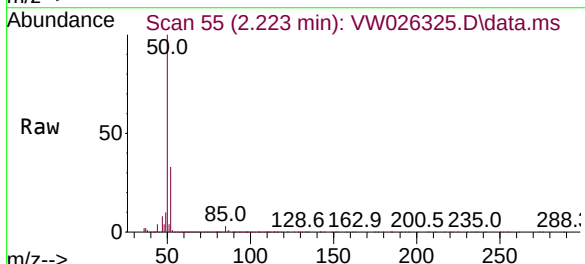
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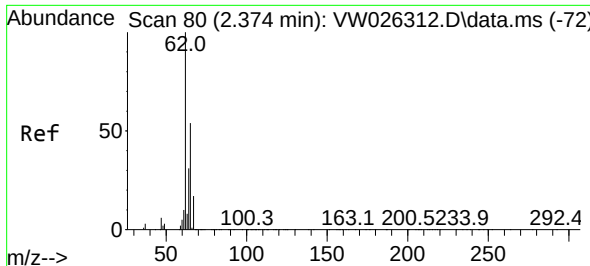
Tgt Ion: 85 Resp: 113906
 Ion Ratio Lower Upper
 85 100
 87 29.5 22.2 33.2



#3
 Chloromethane
 Concen: 21.586 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.001 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

Tgt Ion: 50 Resp: 204240
 Ion Ratio Lower Upper
 50 100
 52 33.0 21.3 39.6

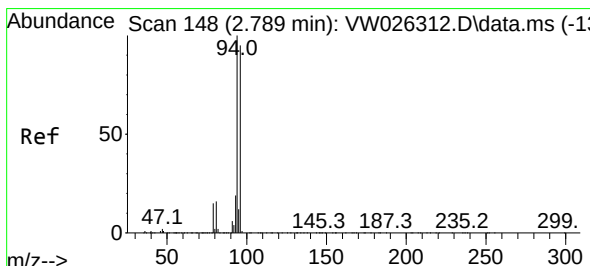
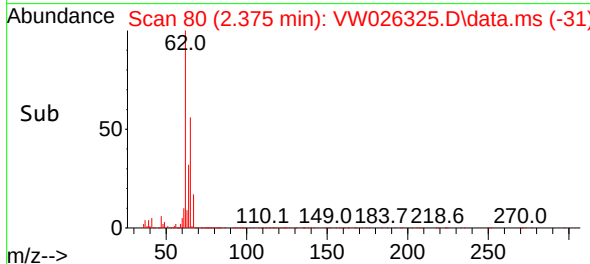
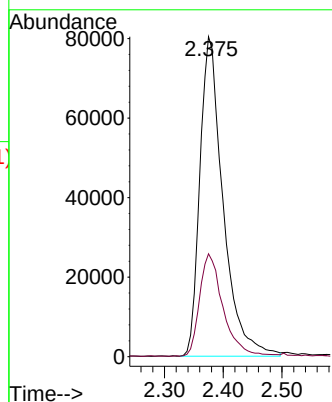
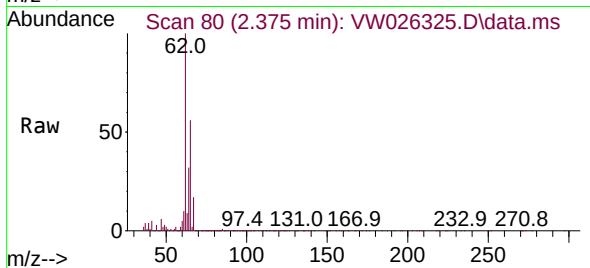




#5
 Vinyl chloride
 Concen: 21.795 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

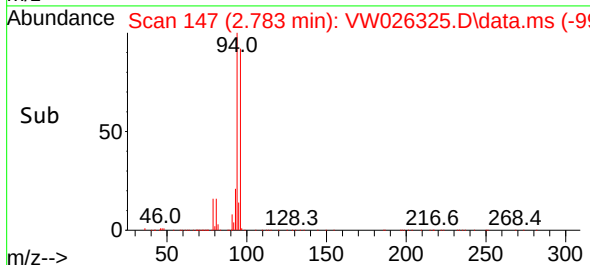
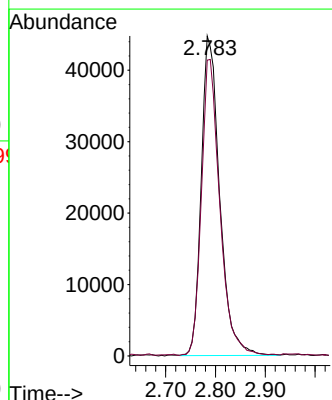
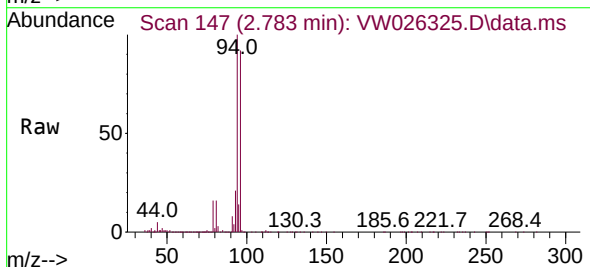
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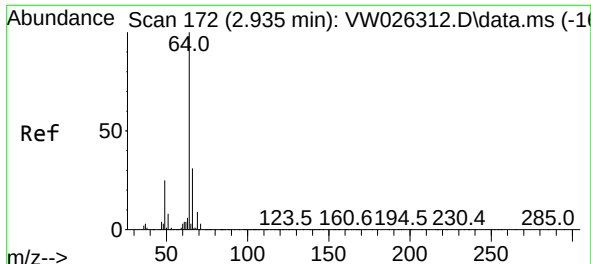
Tgt Ion: 62 Resp: 220424
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.1



#6
 Bromomethane
 Concen: 20.839 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

Tgt Ion: 94 Resp: 114894
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.2 119.2

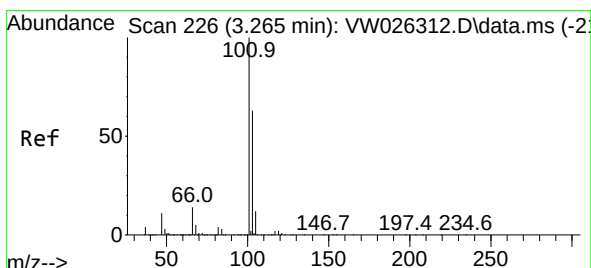
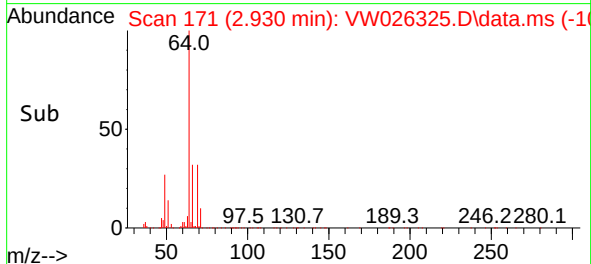
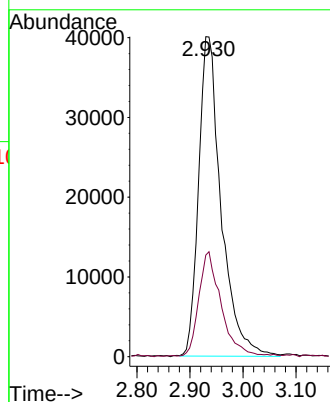
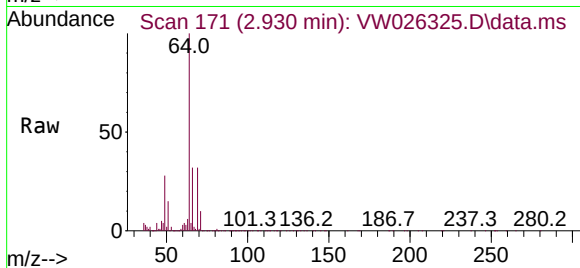




#8
Chloroethane
Concen: 21.627 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

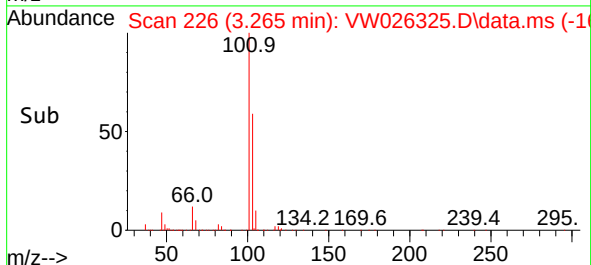
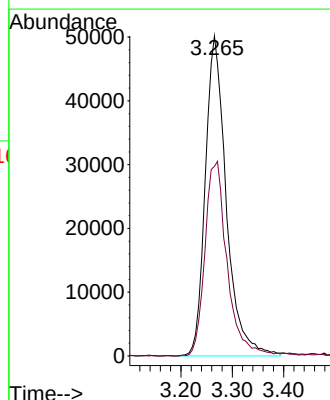
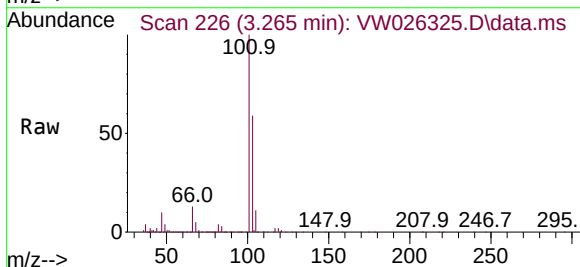
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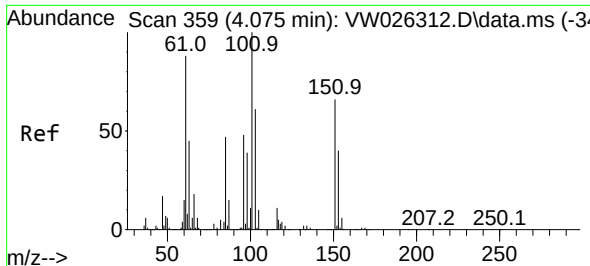
Tgt Ion: 64 Resp: 118197
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 21.882 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion:101 Resp: 142377
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

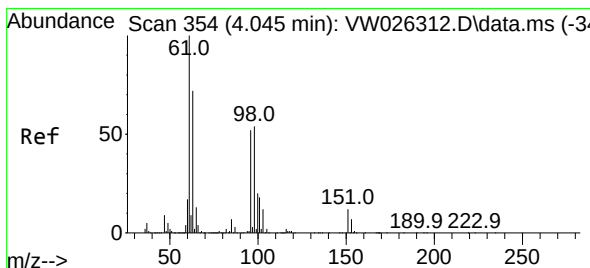
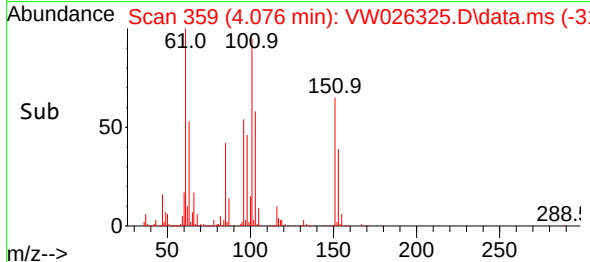
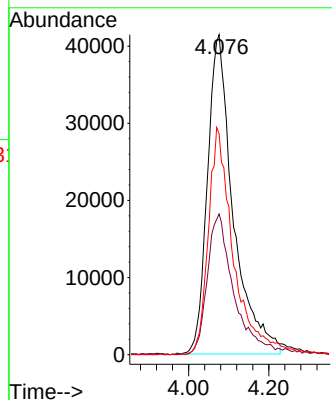
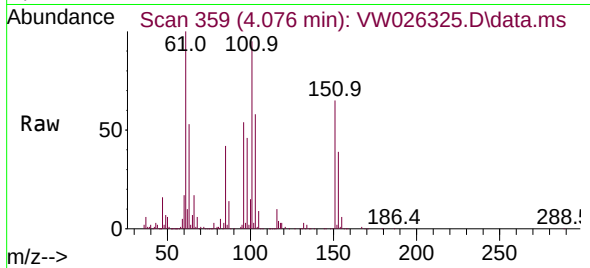




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.540 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

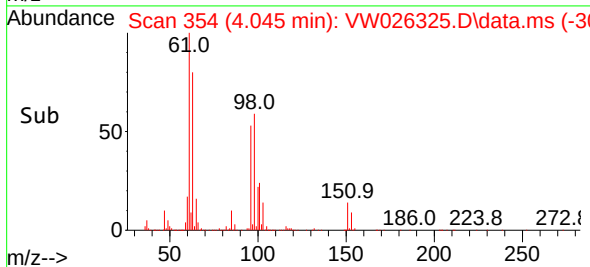
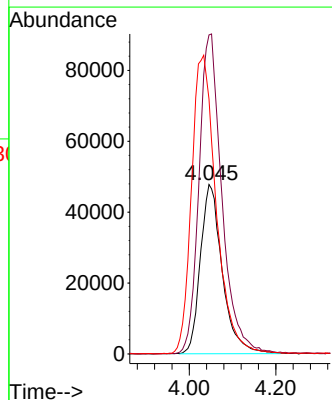
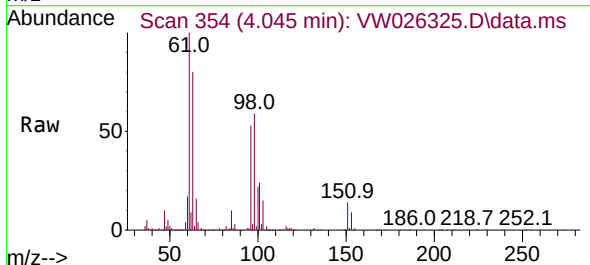
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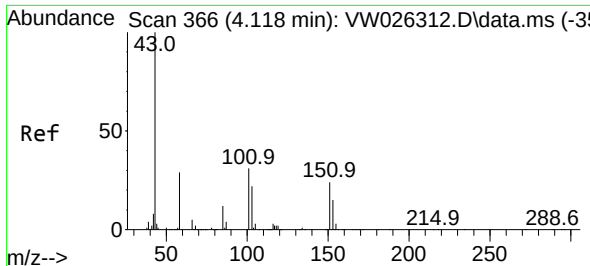
Tgt Ion:101 Resp: 185054
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.1 54.1
 151 67.6 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 21.884 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.001 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

Tgt Ion: 96 Resp: 167717
 Ion Ratio Lower Upper
 96 100
 61 188.4 140.6 261.0
 63 150.5 131.7 244.5

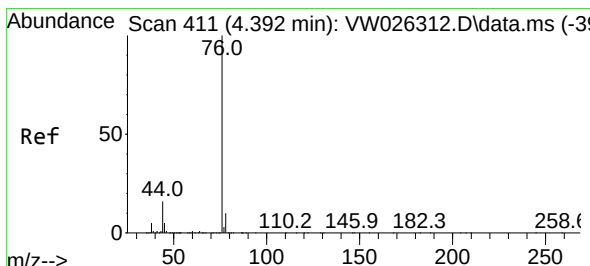
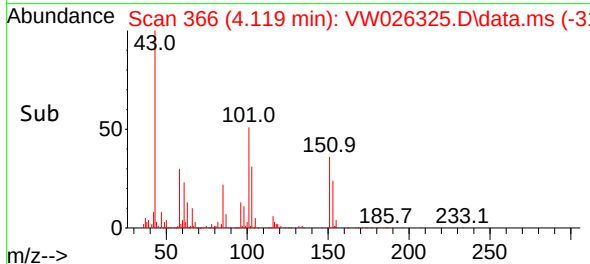
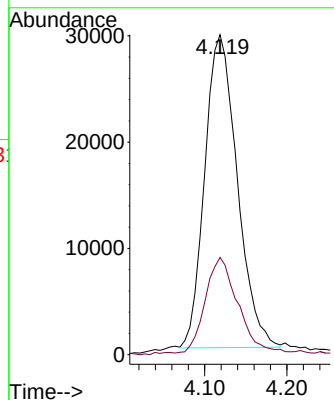
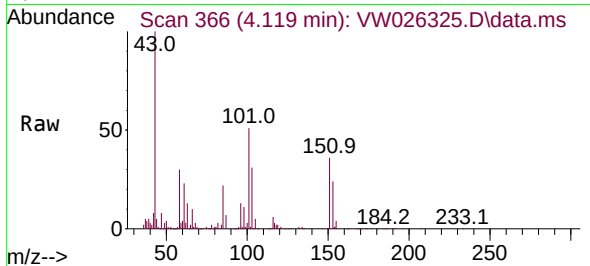




#13
Acetone
Concen: 42.344 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

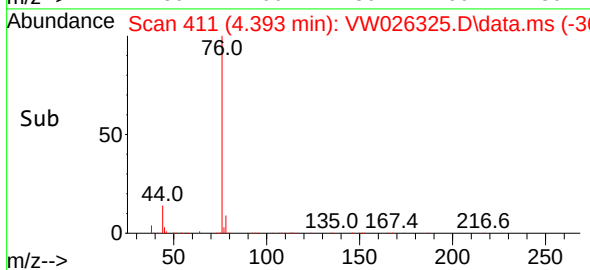
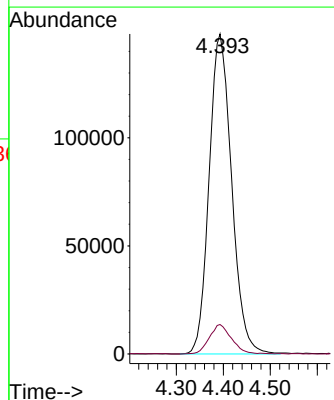
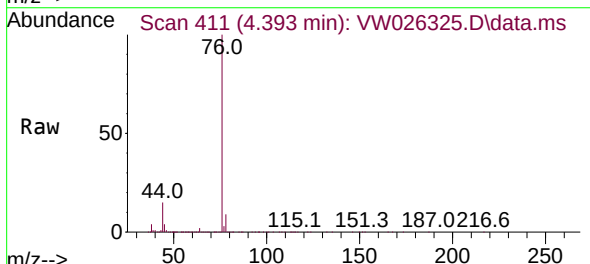
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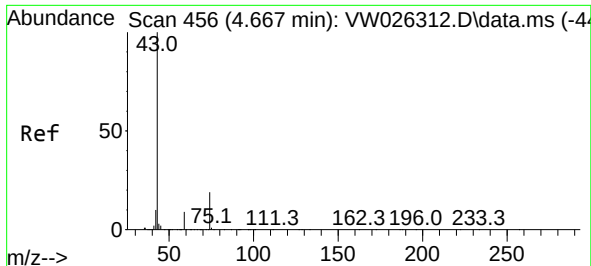
Tgt Ion: 43 Resp: 80776
Ion Ratio Lower Upper
43 100
58 30.9 0.0 58.2



#14
Carbon disulfide
Concen: 18.195 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 76 Resp: 492255
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

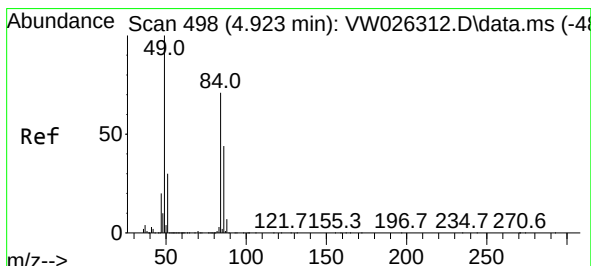
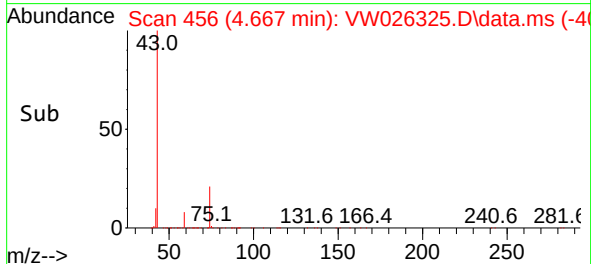
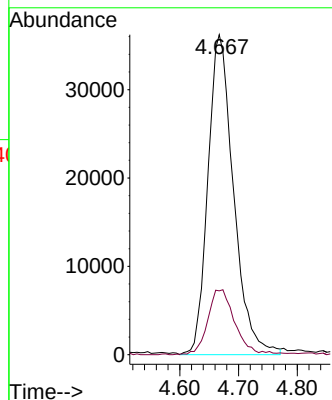
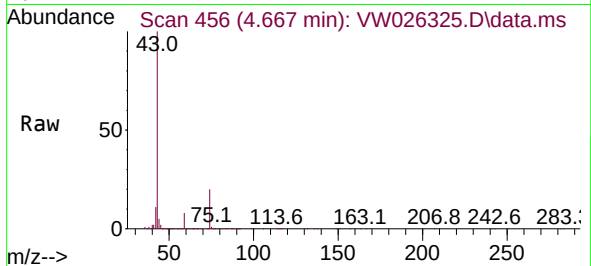




#15
Methyl Acetate
Concen: 25.663 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

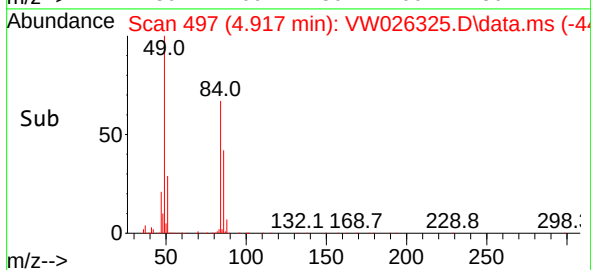
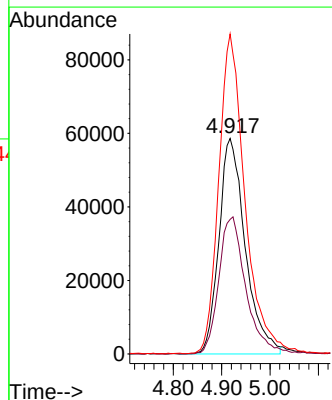
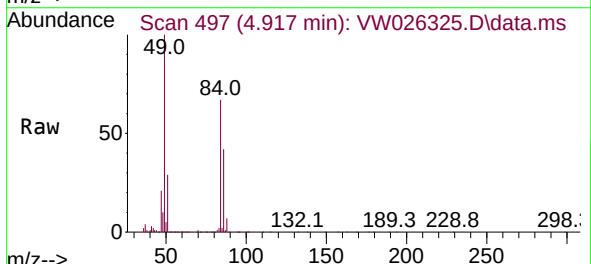
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

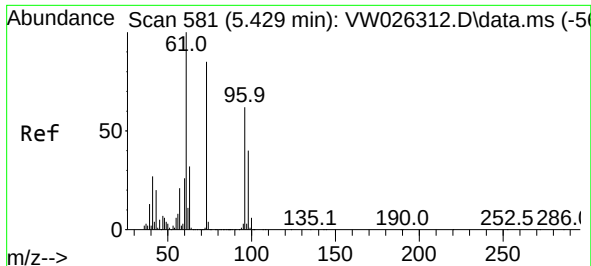
Tgt Ion: 43 Resp: 109872
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



#16
Methylene chloride
Concen: 23.106 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 84 Resp: 221994
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.0
49 148.4 98.8 183.6

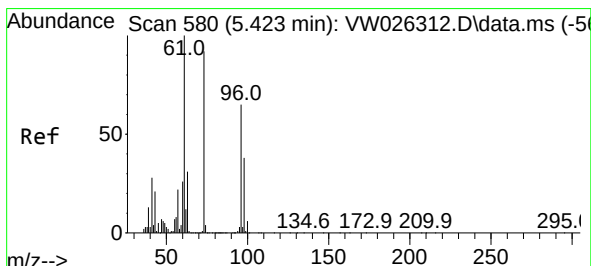
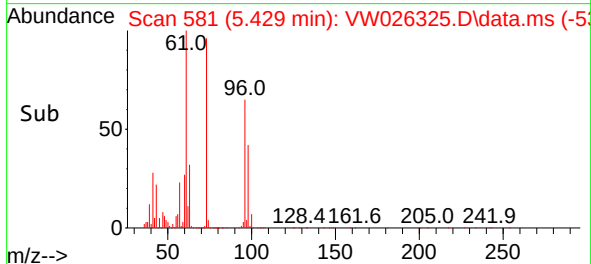
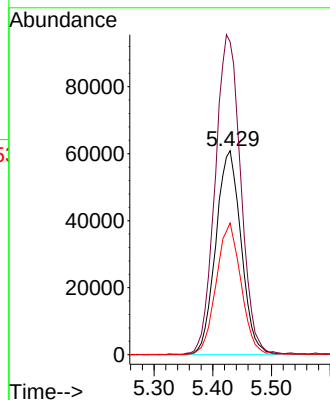
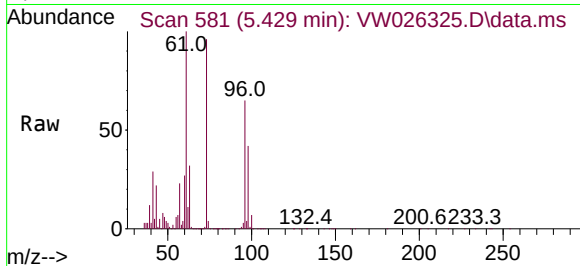




#17
trans-1,2-Dichloroethene
Concen: 21.232 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

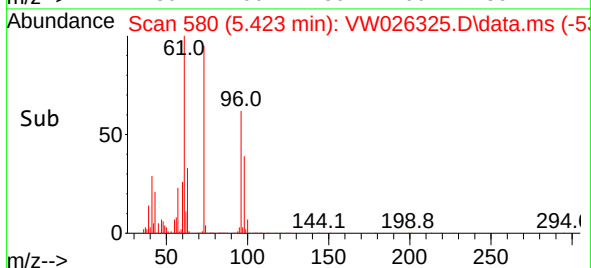
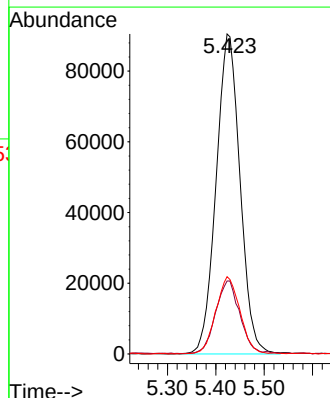
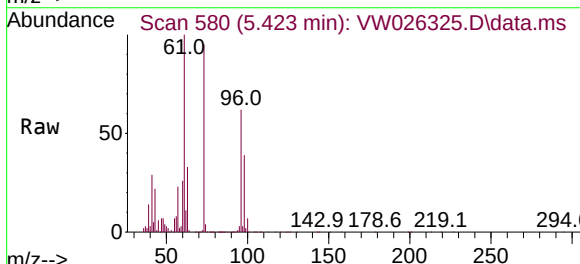
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

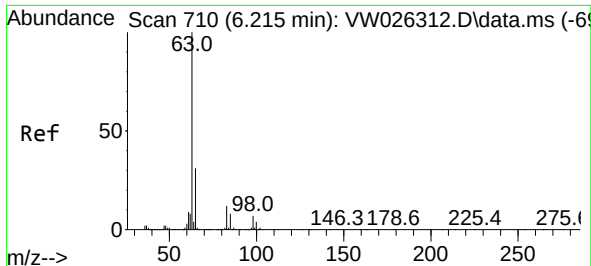
Tgt Ion: 96 Resp: 182566
Ion Ratio Lower Upper
96 100
61 153.3 113.0 209.8
98 64.5 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 22.938 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 73 Resp: 310858
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 24.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.191 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

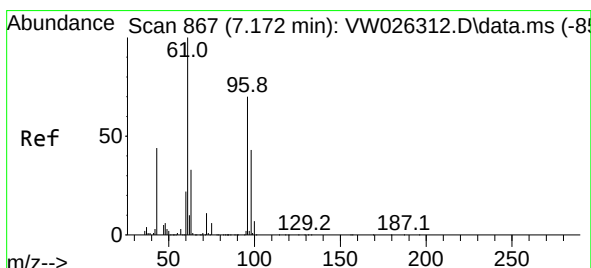
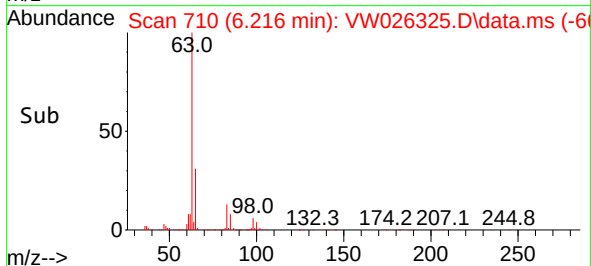
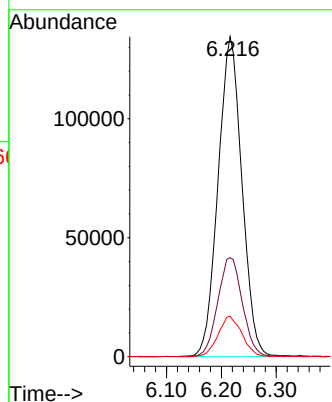
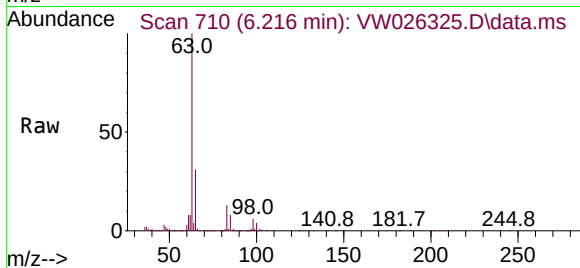
Tgt Ion: 63 Resp: 405977

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 12.7 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 23.127 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

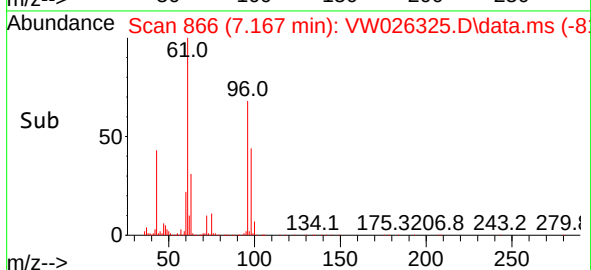
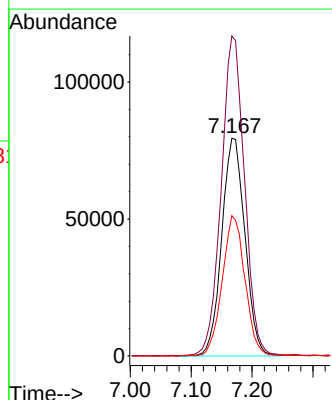
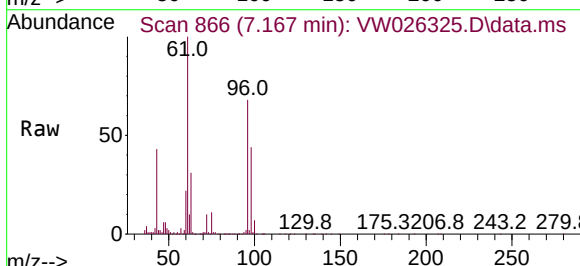
Tgt Ion: 96 Resp: 210643

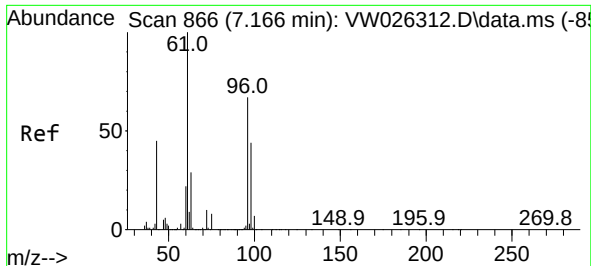
Ion Ratio Lower Upper

96 100

61 147.0 98.4 182.8

98 64.4 45.2 84.0

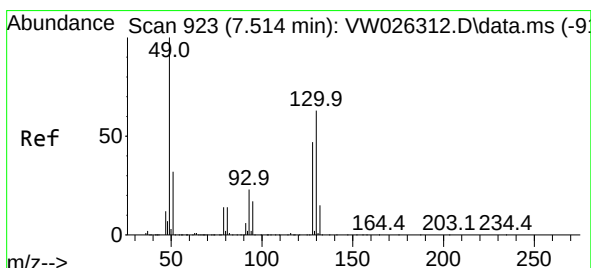
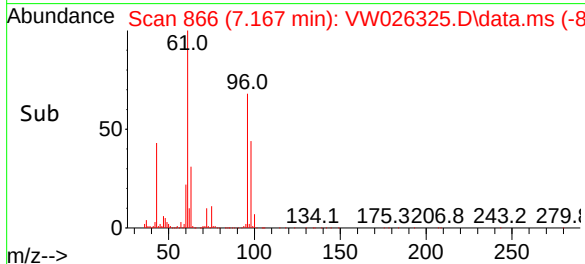
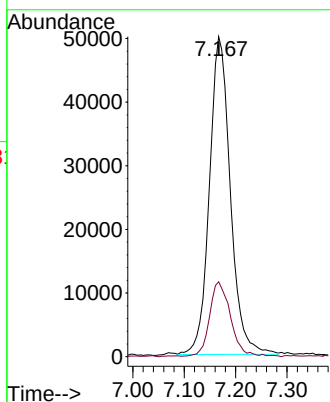
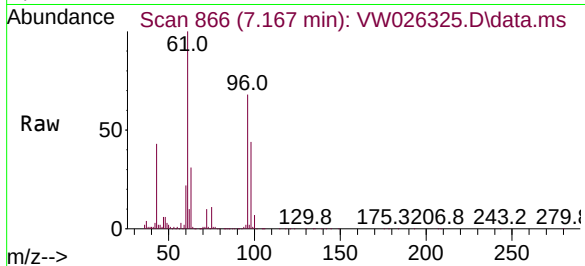




#22
2-Butanone
Concen: 52.020 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

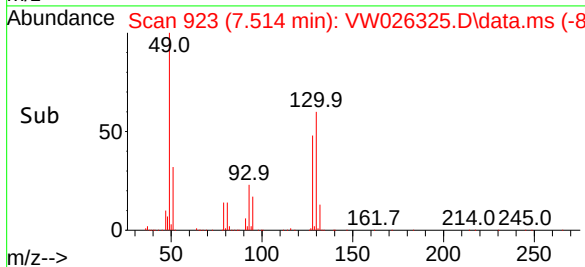
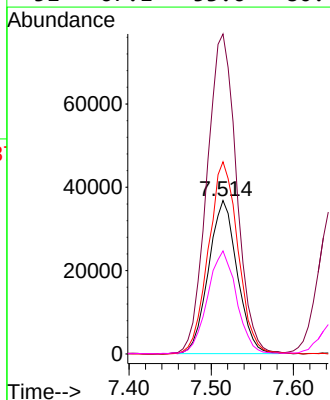
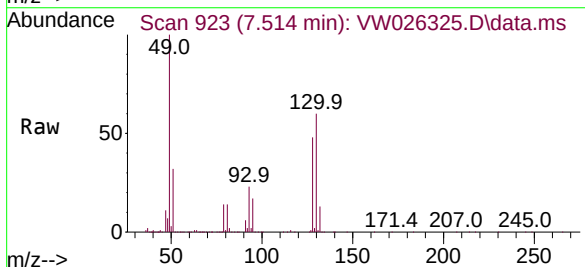
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

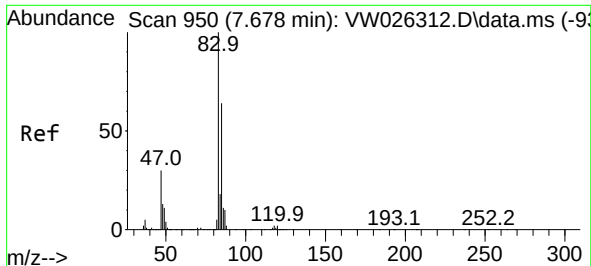
Tgt Ion: 43 Resp: 141557
Ion Ratio Lower Upper
43 100
72 23.3 12.4 37.4



#23
Bromochloromethane
Concen: 22.922 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 128 Resp: 89041
Ion Ratio Lower Upper
128 100
49 208.5 140.6 261.0
130 125.2 86.0 159.6
51 67.1 53.6 80.4

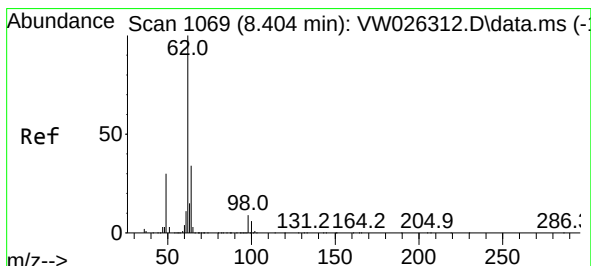
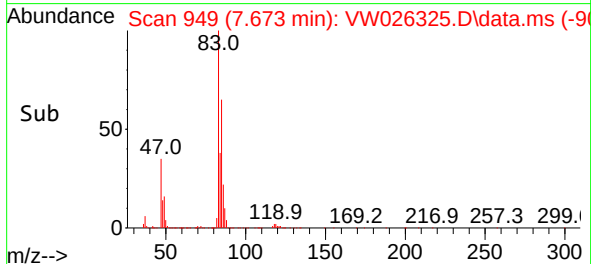
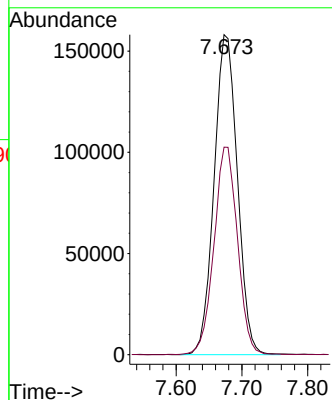
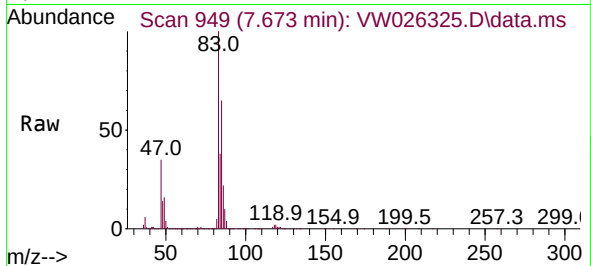




#25
Chloroform
Concen: 23.928 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

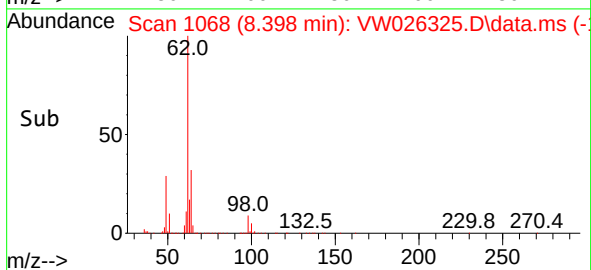
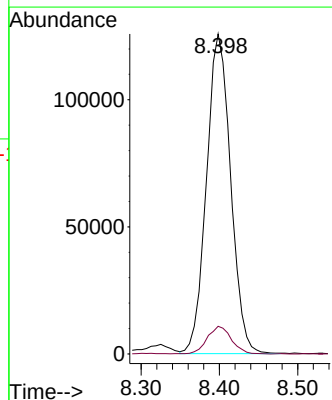
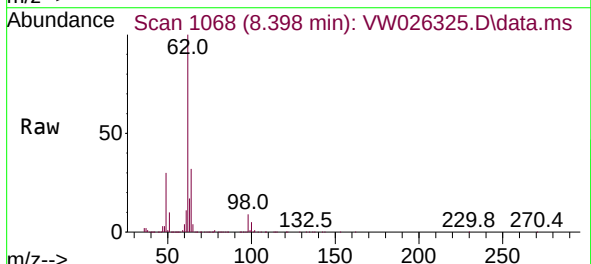
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

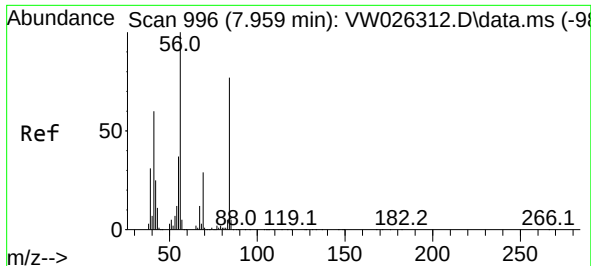
Tgt Ion: 83 Resp: 390153
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.988 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 62 Resp: 269752
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.2

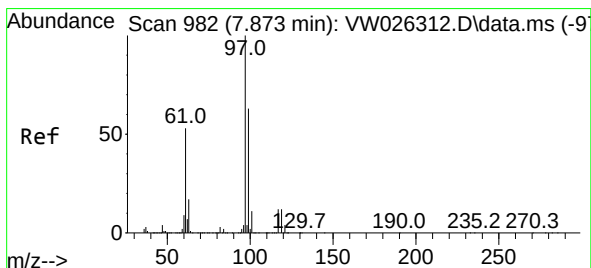
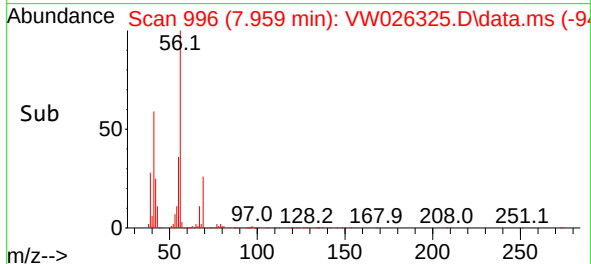
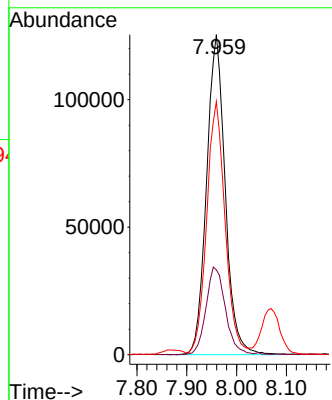
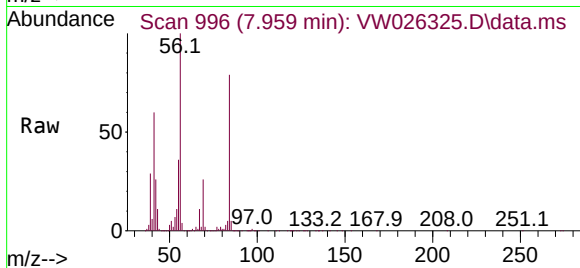




#29
Cyclohexane
Concen: 18.729 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

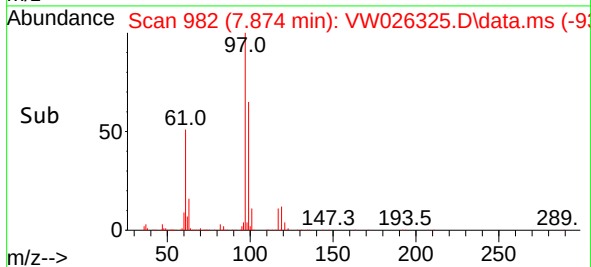
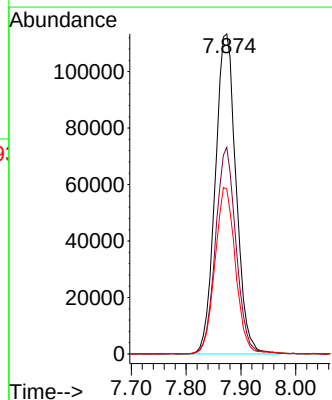
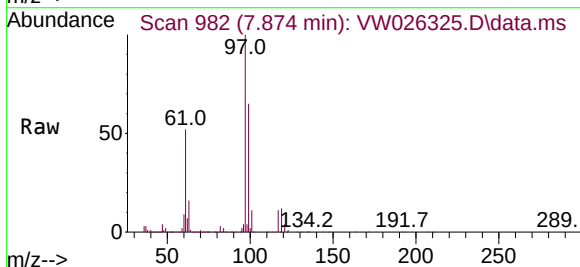
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

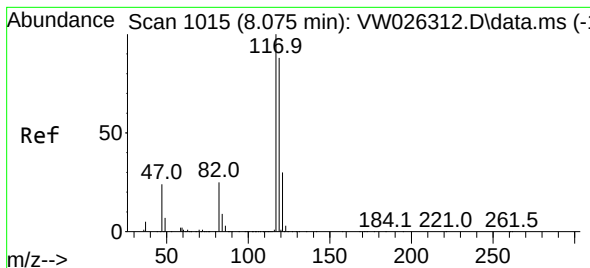
Tgt Ion: 56 Resp: 325894
Ion Ratio Lower Upper
56 100
69 28.5 23.3 34.9
84 78.0 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 21.860 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 97 Resp: 298995
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 51.1 40.5 60.7





#31

Carbon tetrachloride

Concen: 20.930 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

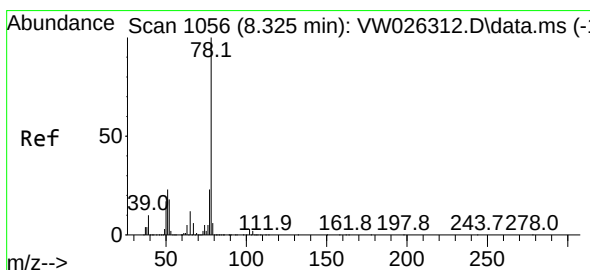
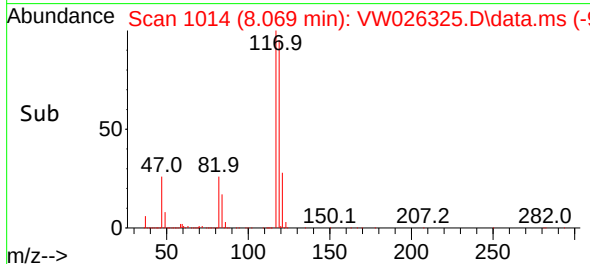
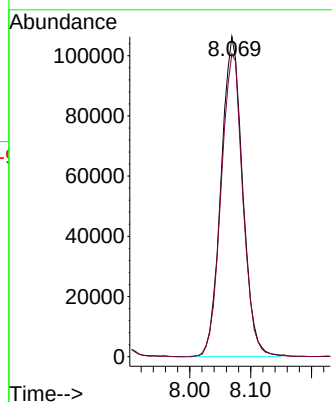
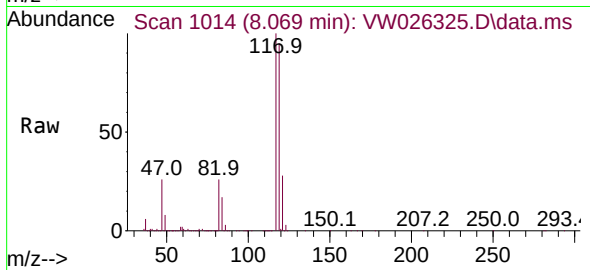
VSTD025532

Tgt Ion:117 Resp: 261229

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2



#33

Benzene

Concen: 21.812 ug/L

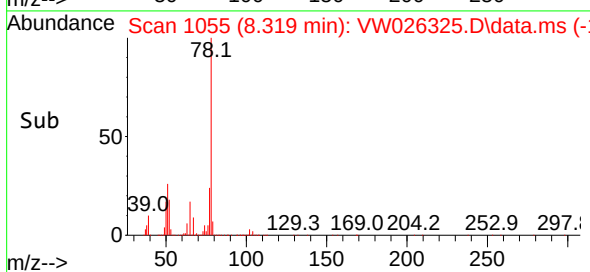
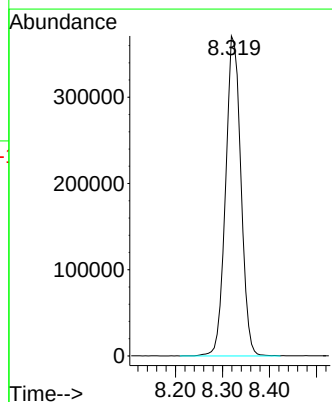
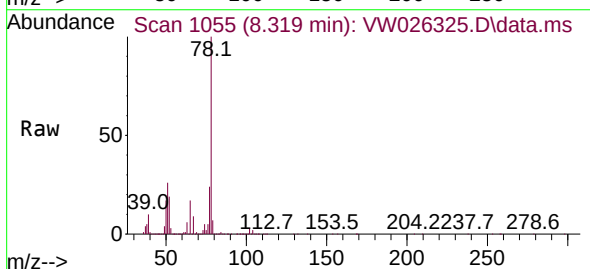
RT: 8.319 min Scan# 1055

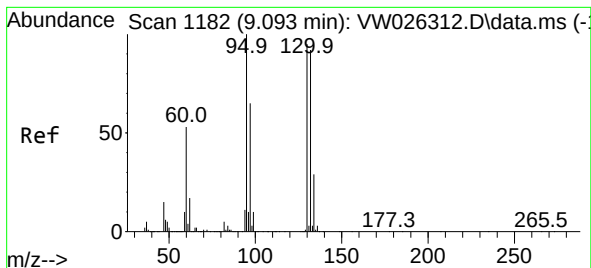
Delta R.T. -0.006 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Tgt Ion: 78 Resp: 842148





#34

Trichloroethene

Concen: 20.654 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion: 95 Resp: 204198

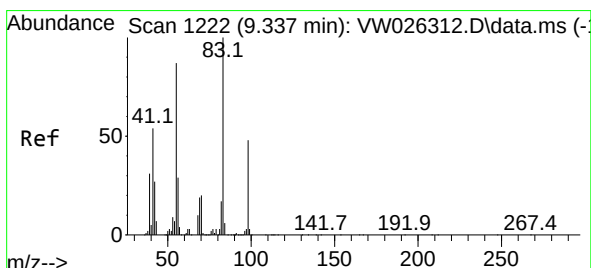
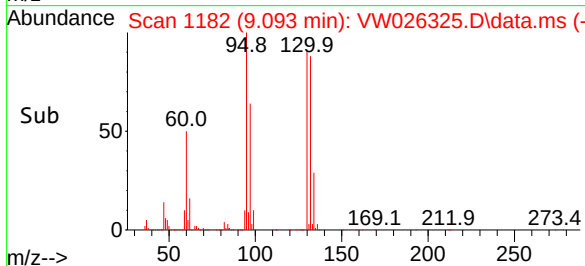
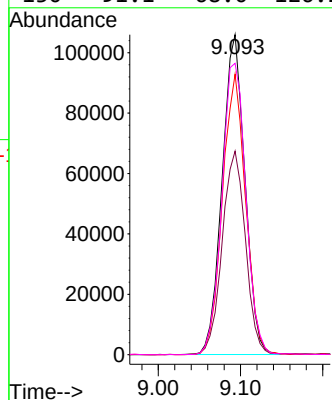
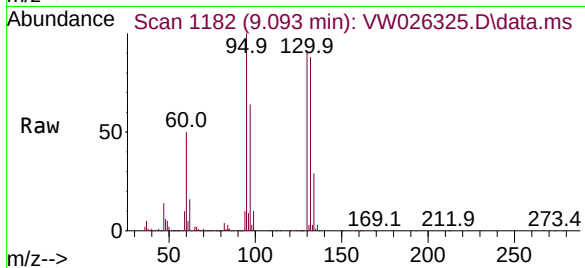
Ion Ratio Lower Upper

95 100

97 63.6 45.9 85.3

132 87.7 67.1 124.7

130 91.1 68.0 126.2



#35

Methylcyclohexane

Concen: 18.965 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

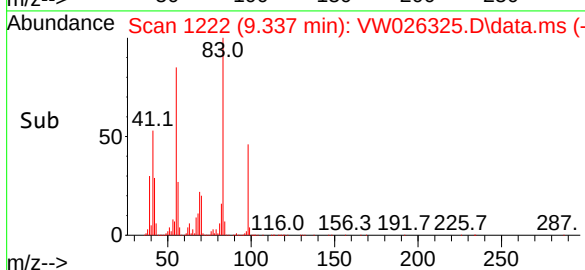
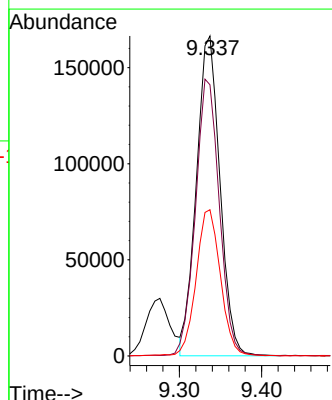
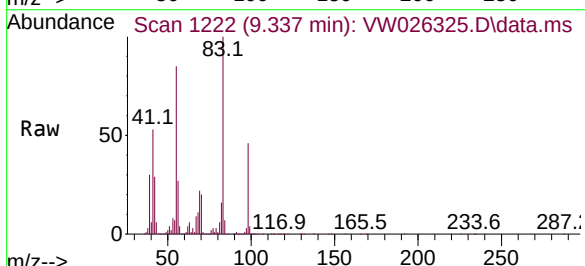
Tgt Ion: 83 Resp: 331784

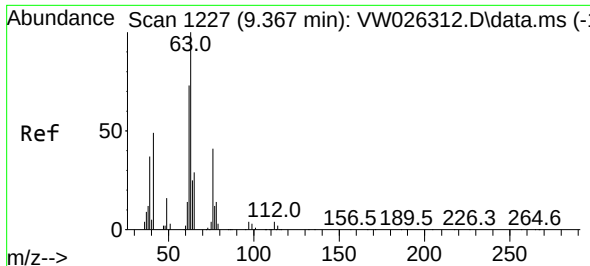
Ion Ratio Lower Upper

83 100

55 87.6 68.2 102.4

98 47.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 22.732 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

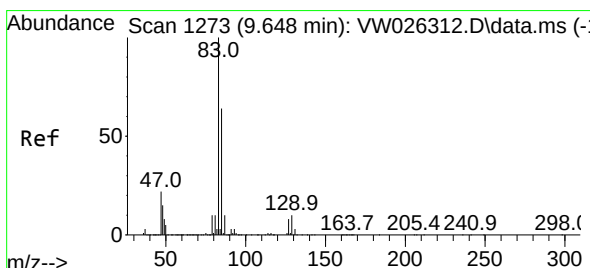
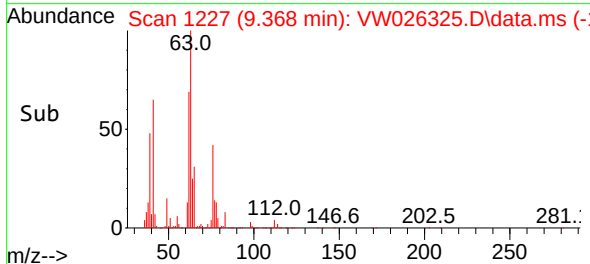
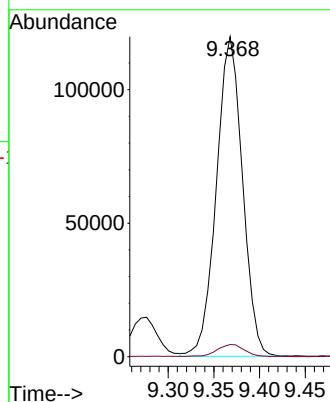
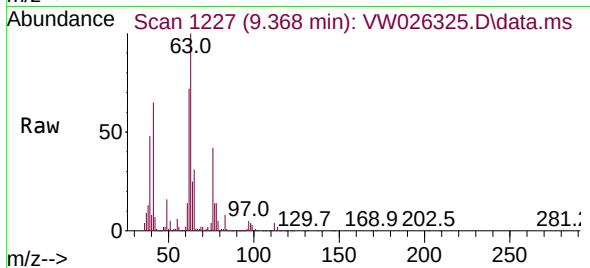
VSTD025532

Tgt Ion: 63 Resp: 237721

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 22.825 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

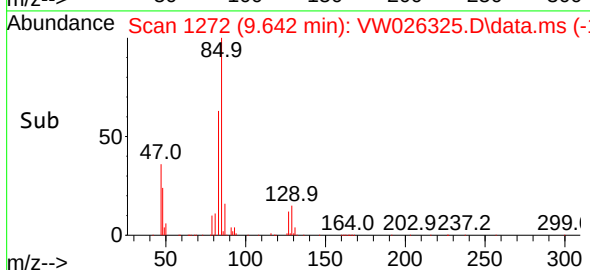
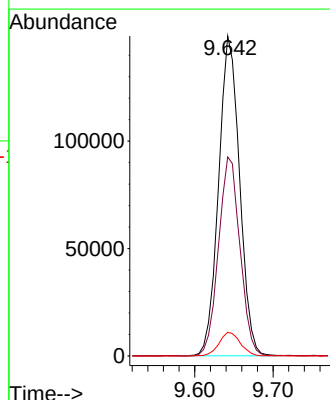
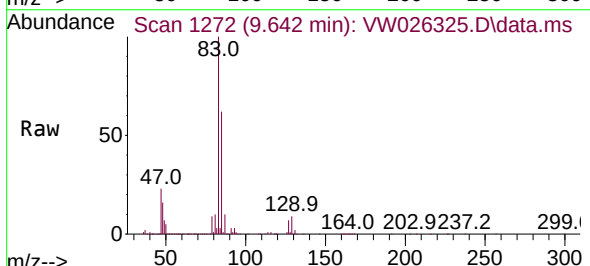
Tgt Ion: 83 Resp: 277316

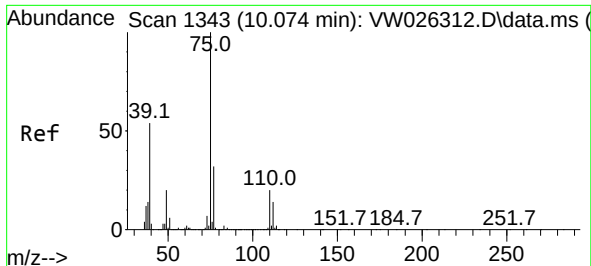
Ion Ratio Lower Upper

83 100

85 62.2 44.2 82.0

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.611 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

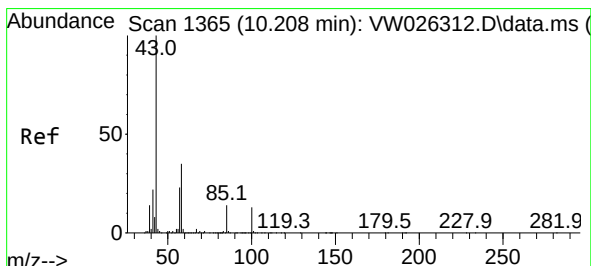
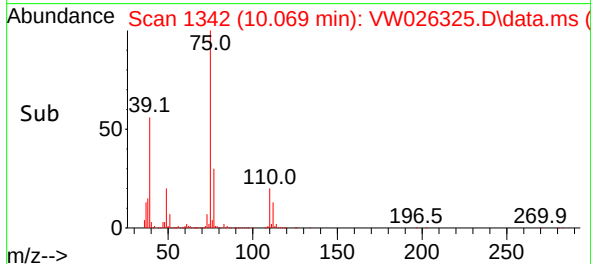
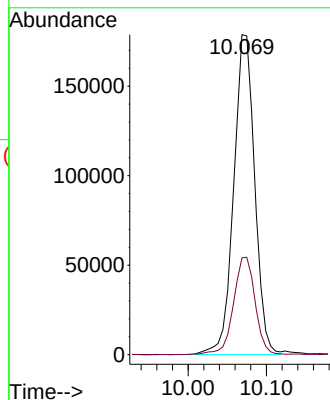
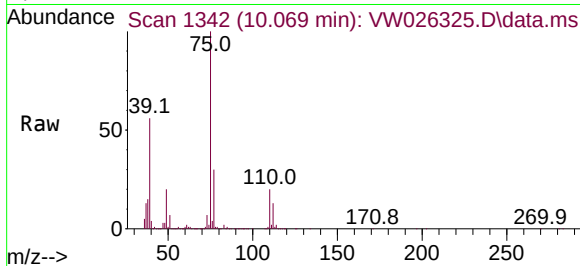
VSTD025532

Tgt Ion: 75 Resp: 332124

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 50.297 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

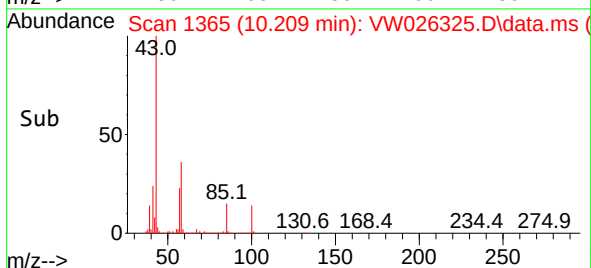
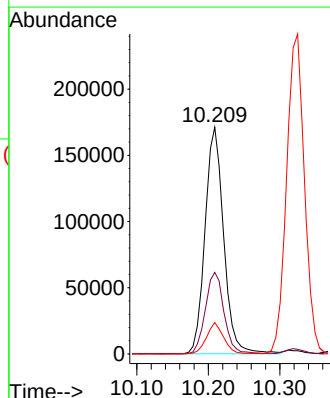
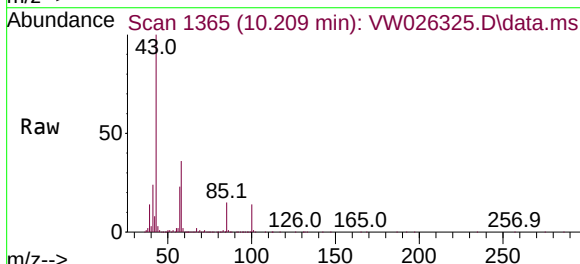
Tgt Ion: 43 Resp: 310106

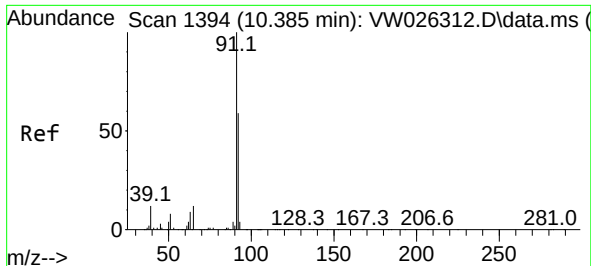
Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.4

100 12.9 10.5 15.7





#42

Toluene

Concen: 22.095 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

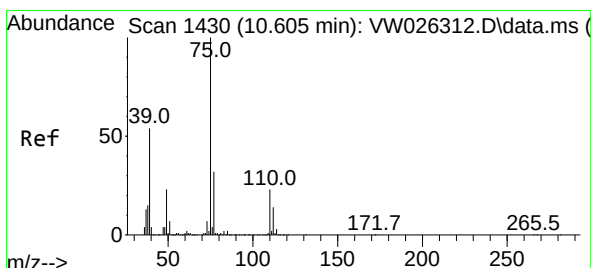
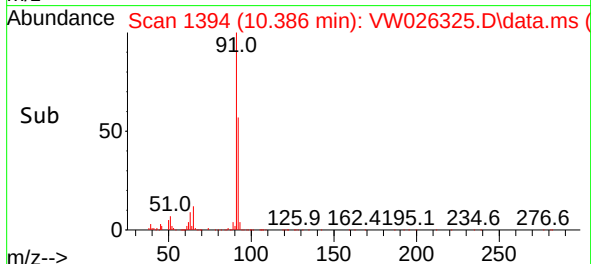
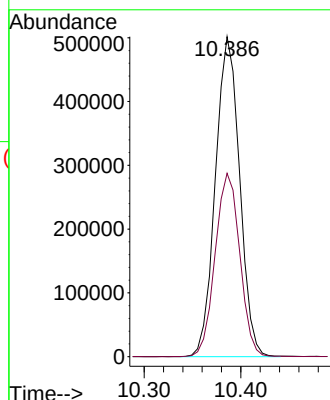
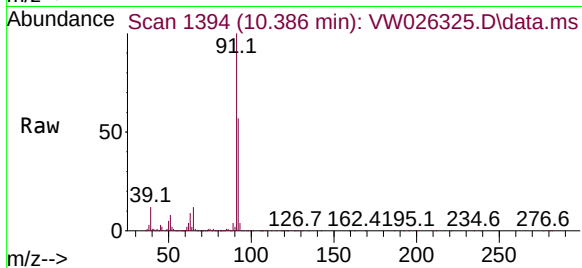
VSTD025532

Tgt Ion: 91 Resp: 872558

Ion Ratio Lower Upper

91 100

92 57.3 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 21.880 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.001 min

Lab File: VW026325.D

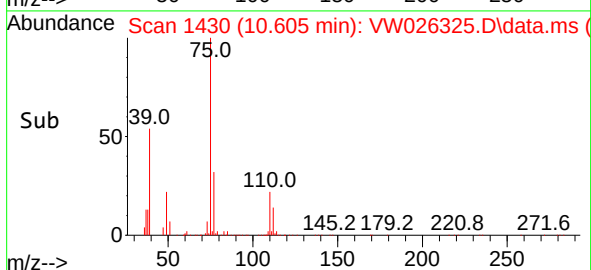
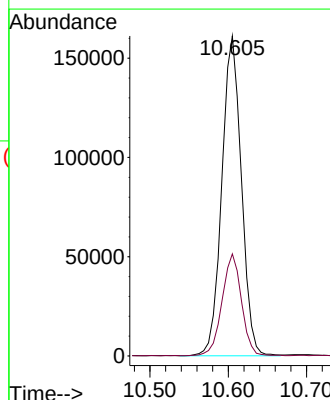
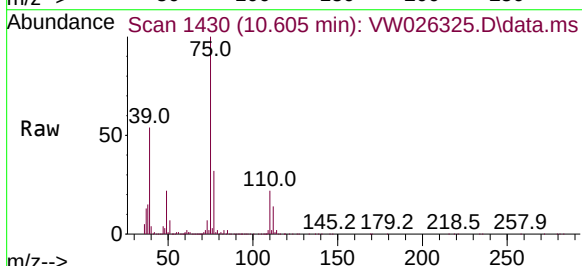
Acq: 23 Jun 2023 16:01

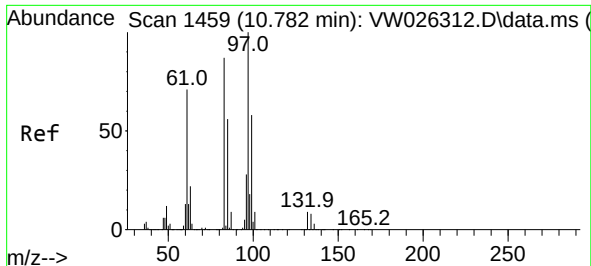
Tgt Ion: 75 Resp: 280133

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.3



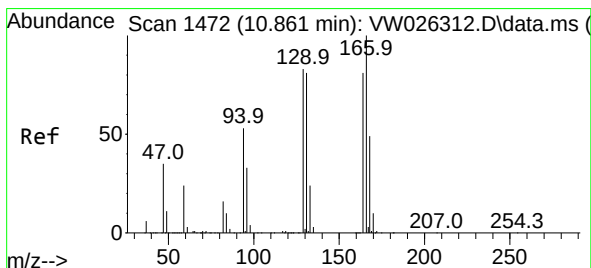
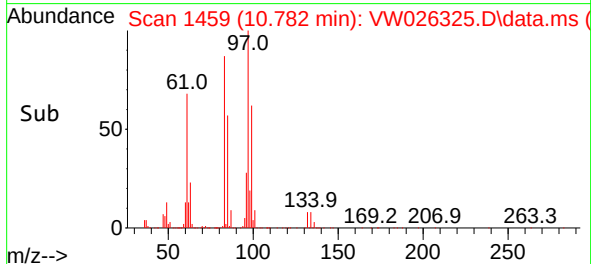
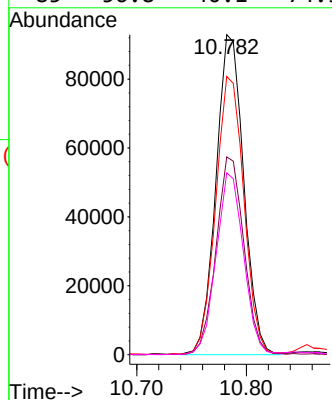
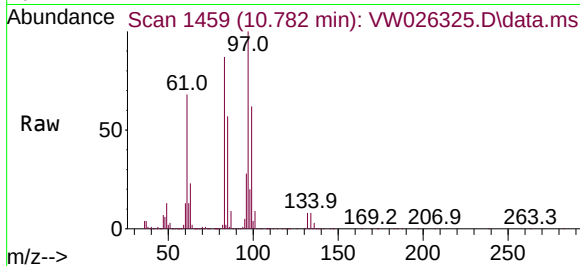


#45
1,1,2-Trichloroethane
Concen: 23.723 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion: 97 Resp: 163501

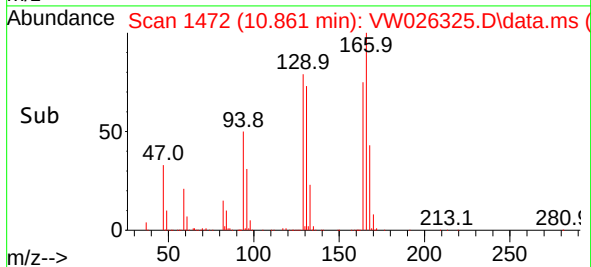
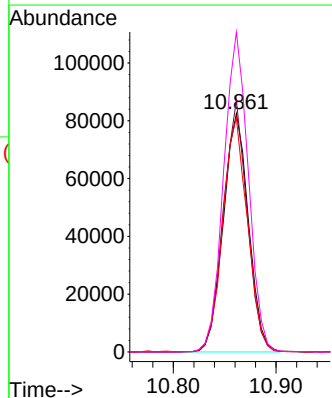
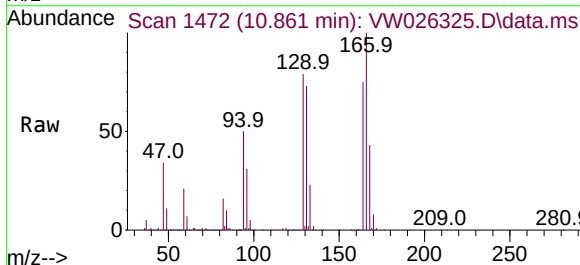
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.5
83	87.0	62.9	116.9
85	56.8	40.1	74.5

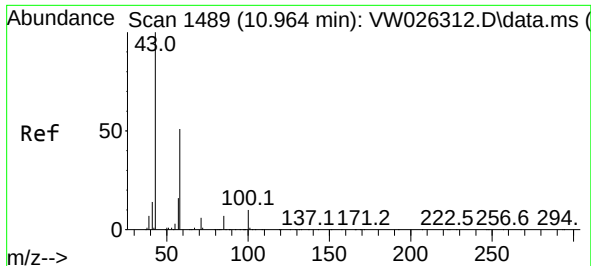


#46
Tetrachloroethene
Concen: 20.117 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 164 Resp: 140675

Ion	Ratio	Lower	Upper
164	100		
129	105.6	68.5	127.1
131	98.2	67.1	124.7
166	134.2	94.1	174.8



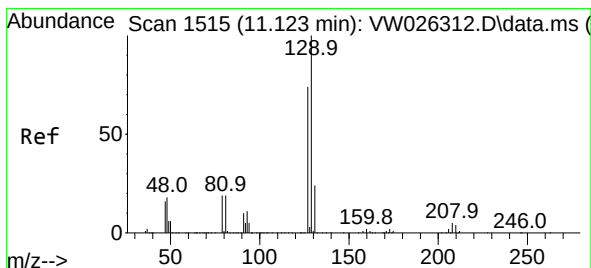
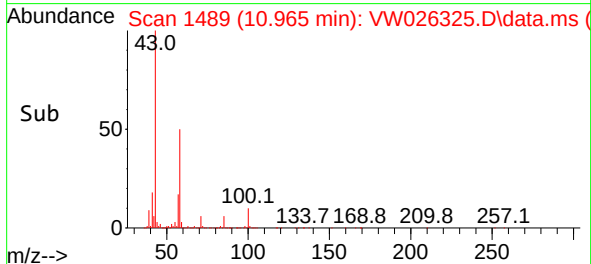
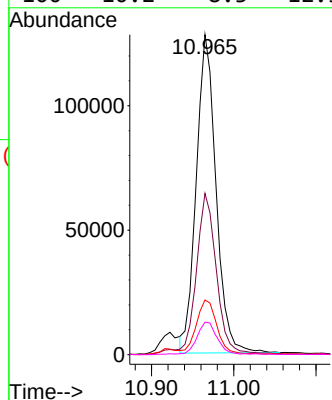
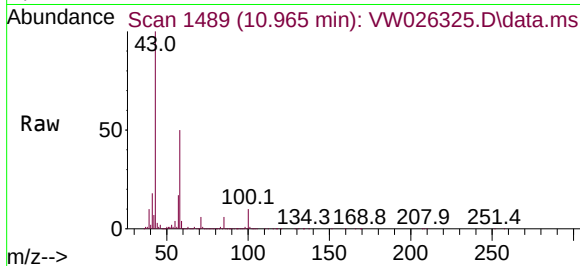


#48
2-Hexanone
Concen: 49.133 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion: 43 Resp: 213593

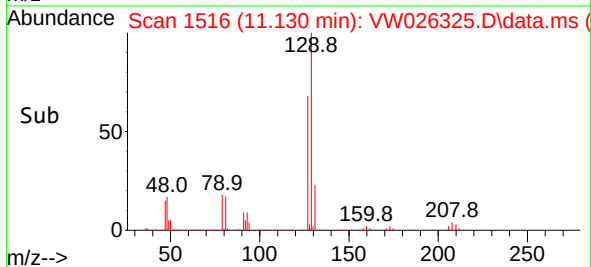
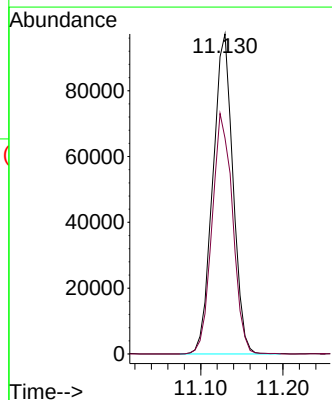
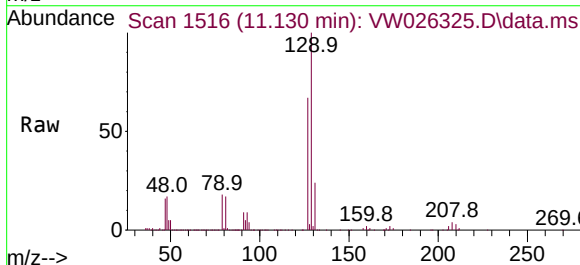
Ion	Ratio	Lower	Upper
43	100		
58	50.9	42.2	63.2
57	18.1	14.2	21.2
100	10.2	8.3	12.5

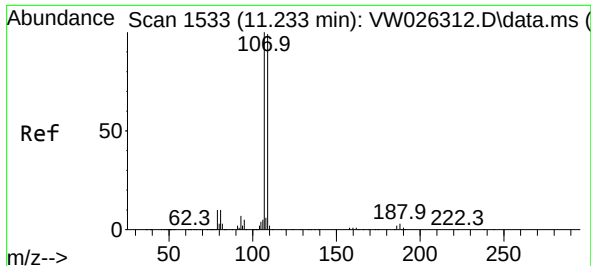


#49
Dibromochloromethane
Concen: 22.901 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 129 Resp: 165488

Ion	Ratio	Lower	Upper
129	100		
127	67.5	56.9	105.7

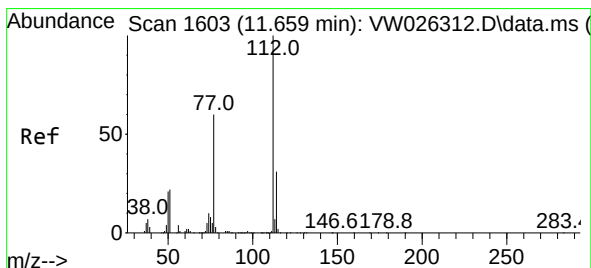
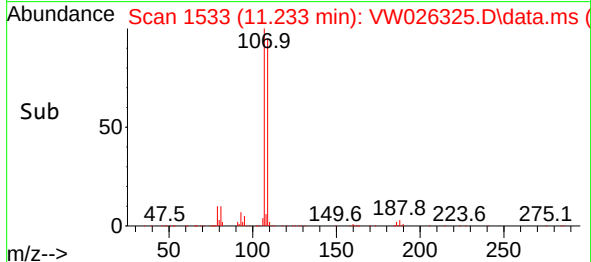
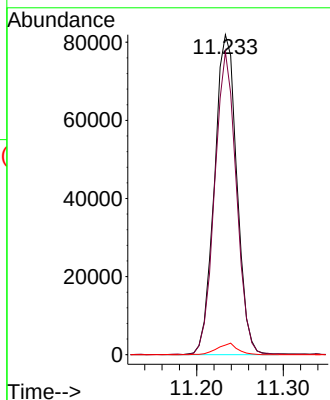
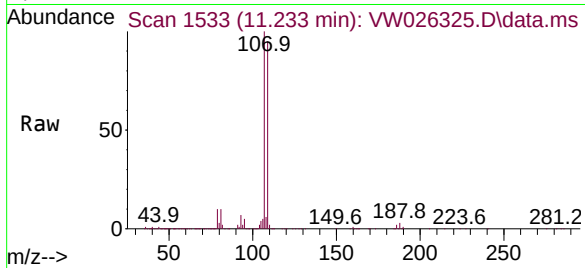




#50
1,2-Dibromoethane
Concen: 23.072 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

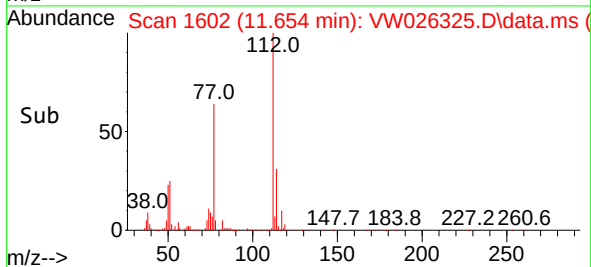
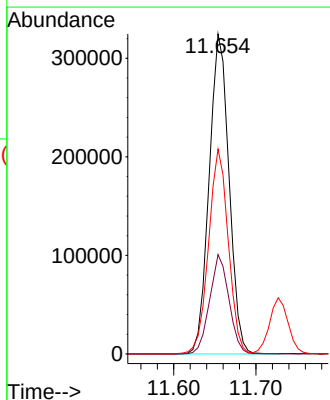
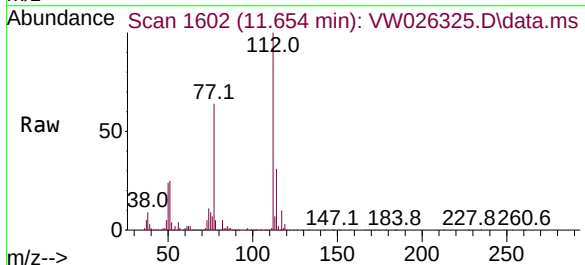
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

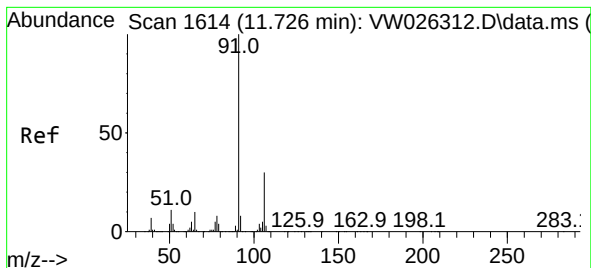
Tgt Ion:107 Resp: 147240
Ion Ratio Lower Upper
107 100
109 94.6 64.0 119.0
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 22.026 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion:112 Resp: 545061
Ion Ratio Lower Upper
112 100
114 31.1 23.0 42.6
77 64.1 50.9 76.3

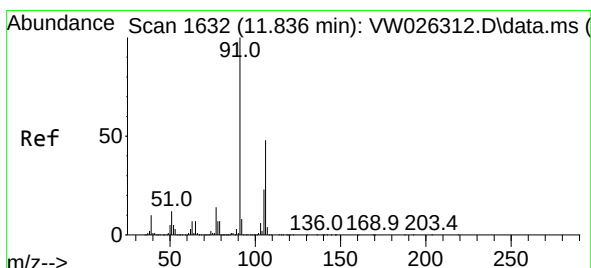
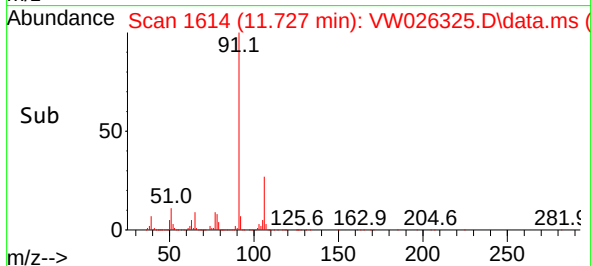
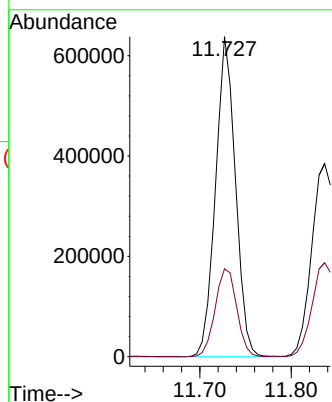
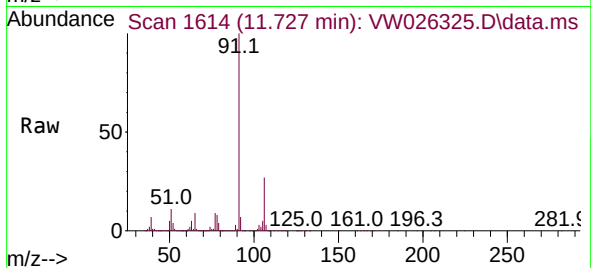




#52
Ethylbenzene
Concen: 21.618 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

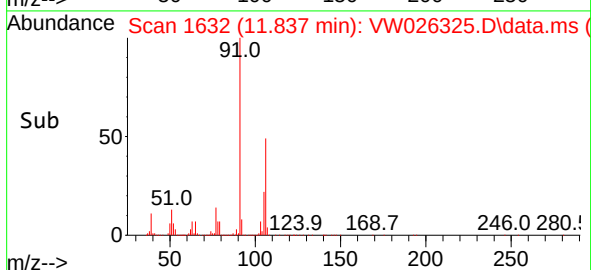
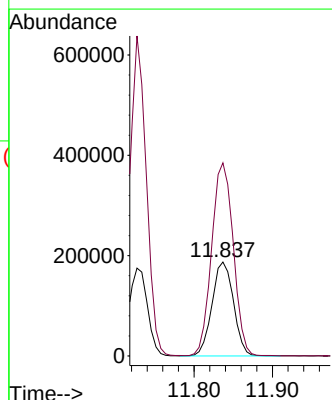
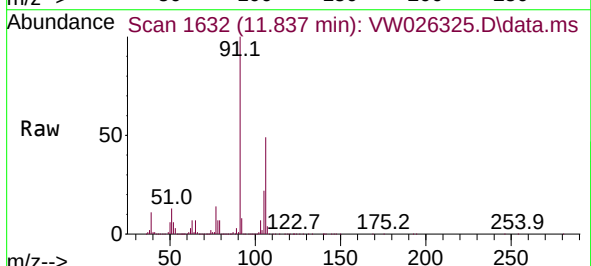
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

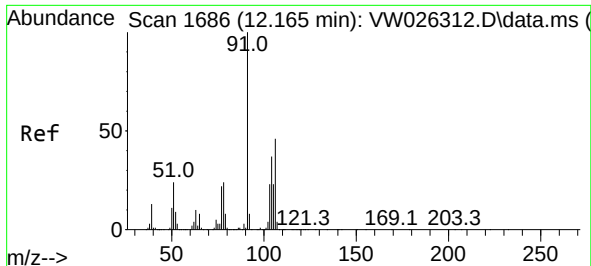
Tgt Ion: 91 Resp: 963047
Ion Ratio Lower Upper
91 100
106 27.4 21.2 39.4



#53
m,p-Xylene
Concen: 21.548 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion: 106 Resp: 357095
Ion Ratio Lower Upper
106 100
91 205.5 149.5 277.7

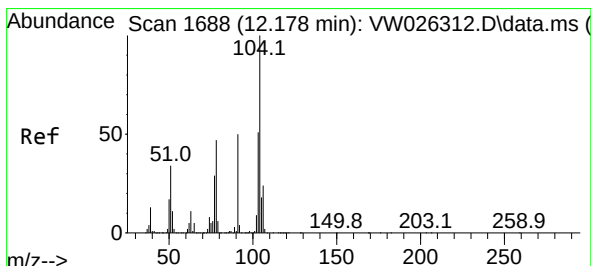
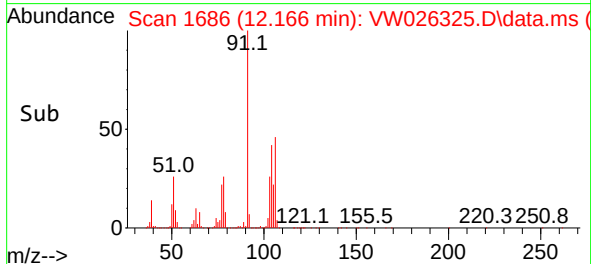
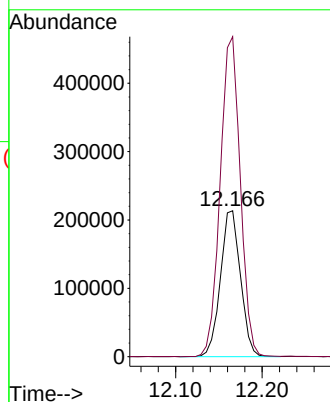
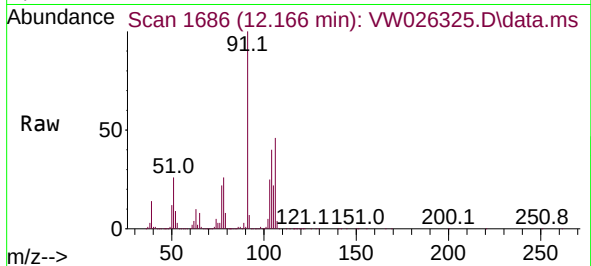




#54
o-Xylene
Concen: 21.925 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

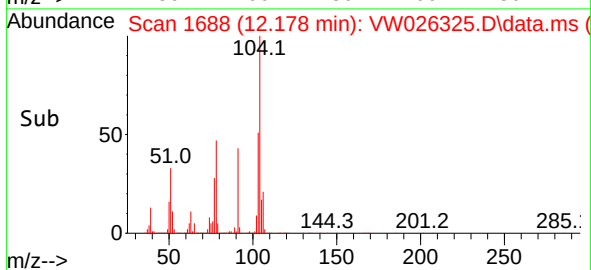
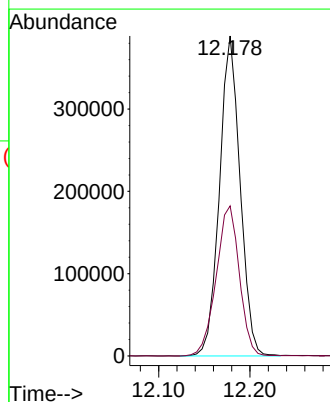
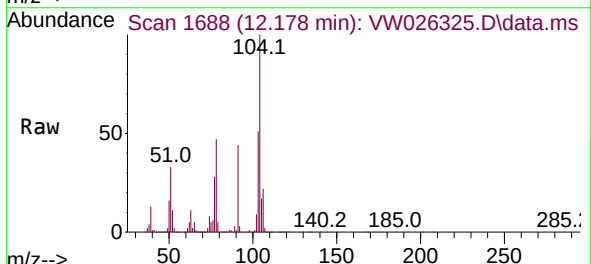
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

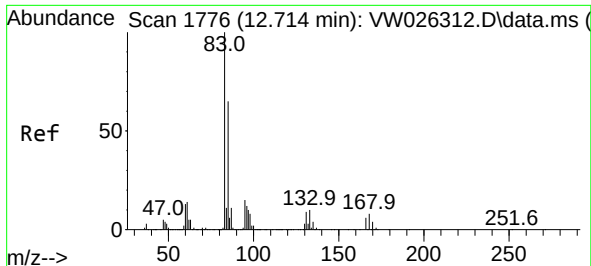
Tgt Ion:106 Resp: 342947
Ion Ratio Lower Upper
106 100
91 219.2 150.9 280.3



#55
Styrene
Concen: 22.723 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion:104 Resp: 609776
Ion Ratio Lower Upper
104 100
78 46.9 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.310 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

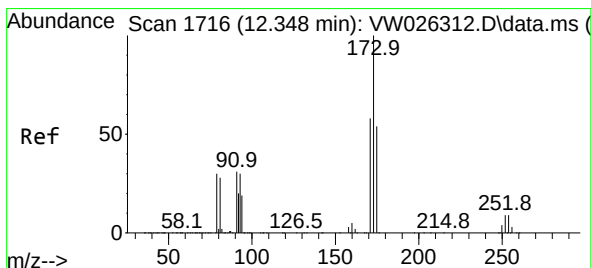
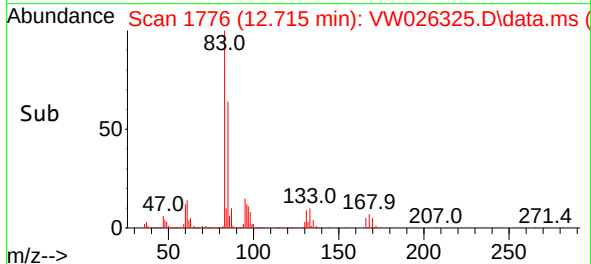
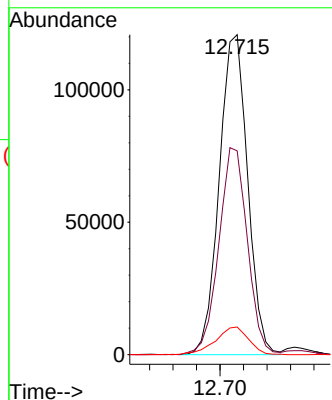
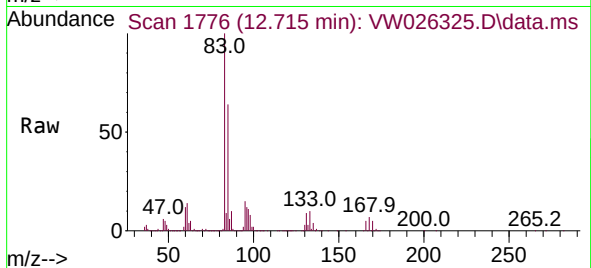
Tgt Ion: 83 Resp: 202767

Ion Ratio Lower Upper

83 100

85 63.7 42.6 79.0

131 8.7 7.2 10.8



#59

Bromoform

Concen: 21.797 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

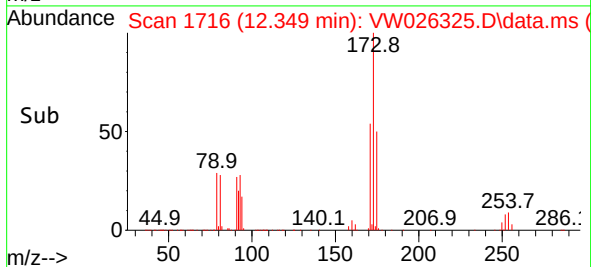
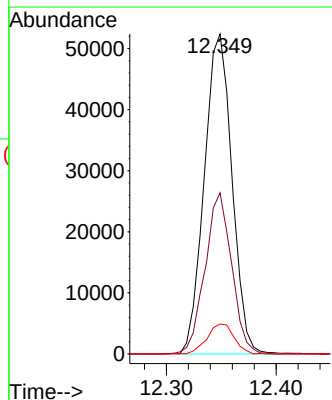
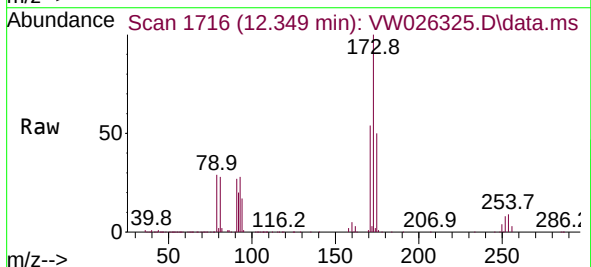
Tgt Ion: 173 Resp: 91966

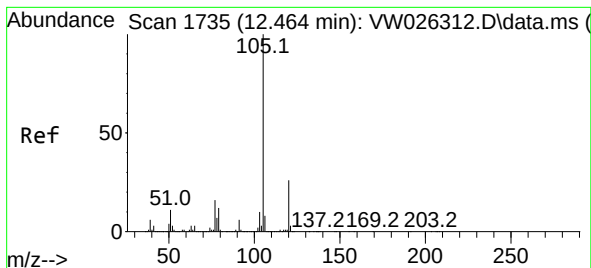
Ion Ratio Lower Upper

173 100

175 48.3 38.6 57.8

254 9.1 7.4 11.0





#60

Isopropylbenzene

Concen: 21.441 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

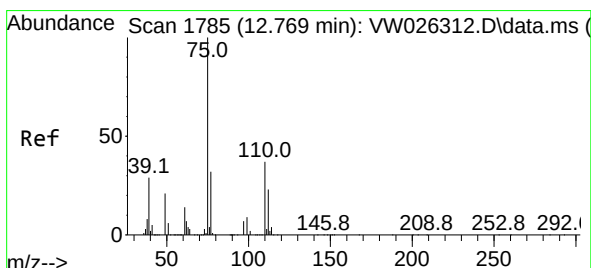
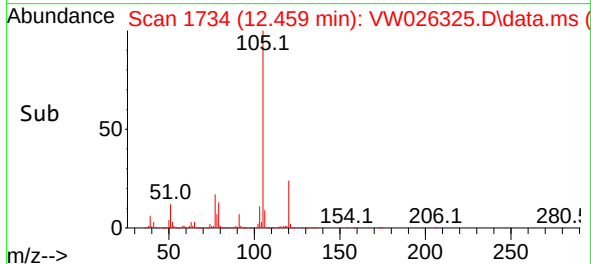
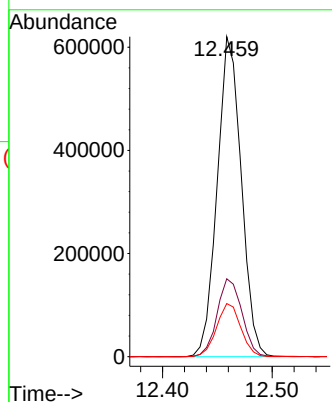
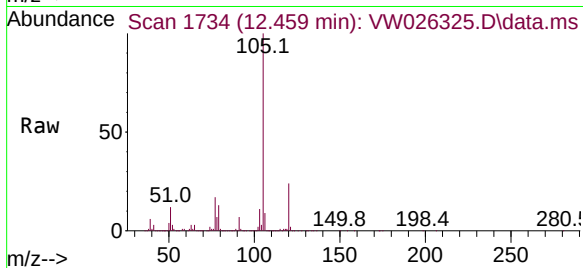
Tgt Ion:105 Resp: 946165

Ion Ratio Lower Upper

105 100

120 25.1 19.8 29.8

77 16.7 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 23.320 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

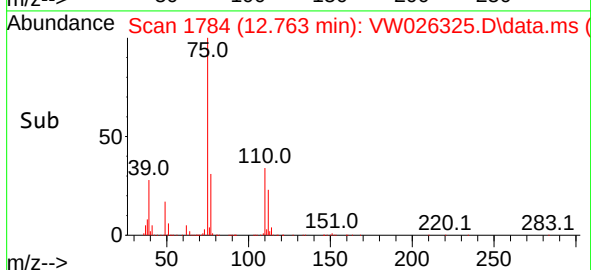
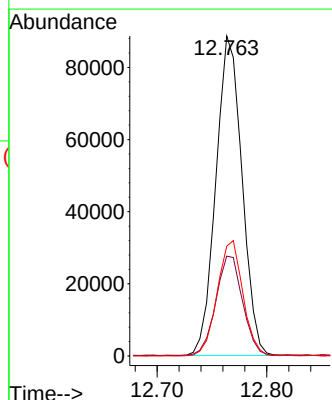
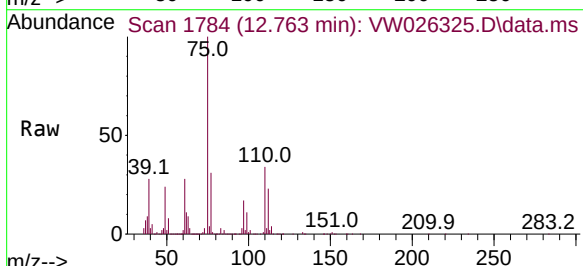
Tgt Ion: 75 Resp: 146737

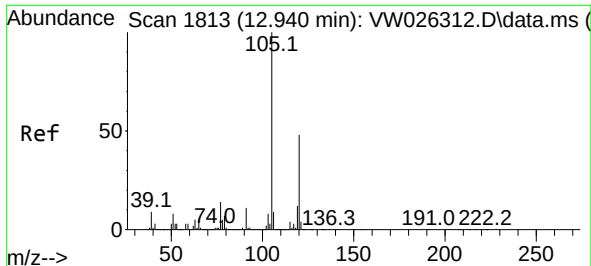
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

110 35.5 28.7 43.1

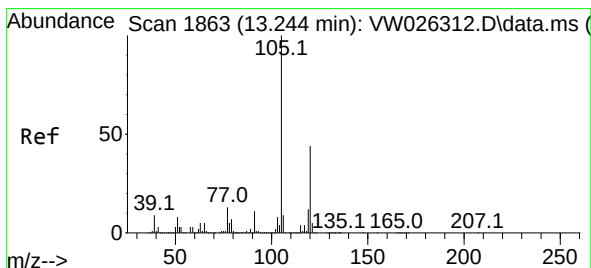
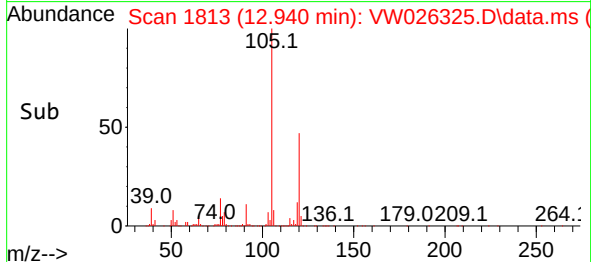
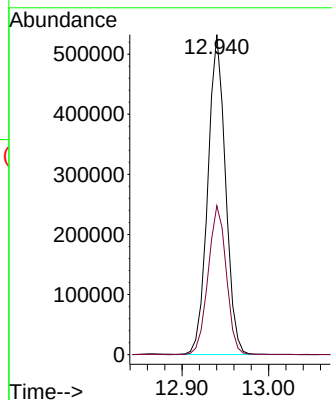
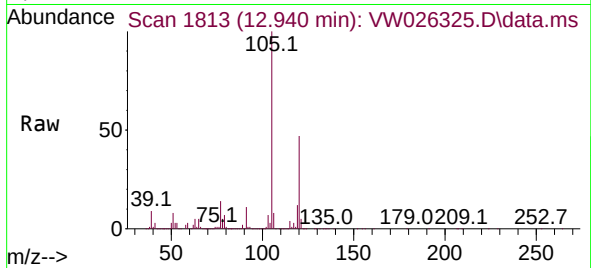




#62
 1,3,5-Trimethylbenzene
 Concen: 21.479 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

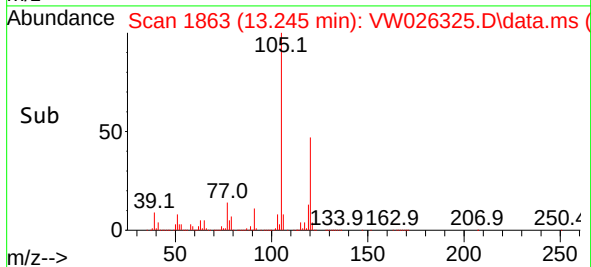
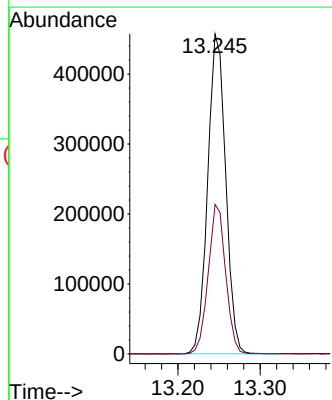
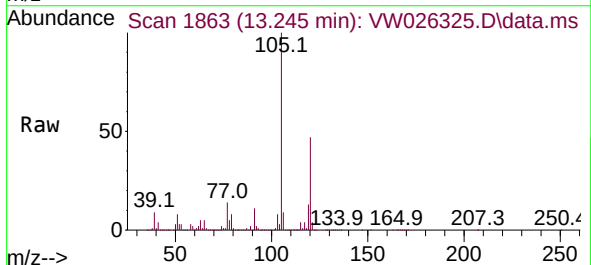
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

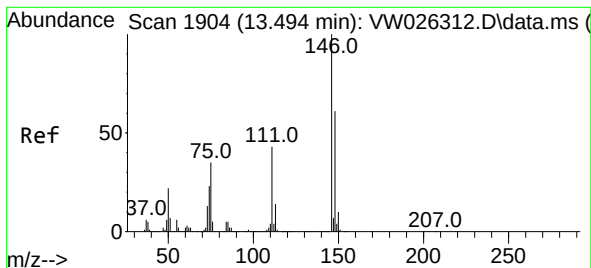
Tgt Ion:105 Resp: 753517
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 21.576 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.001 min
 Lab File: VW026325.D
 Acq: 23 Jun 2023 16:01

Tgt Ion:105 Resp: 693256
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 21.123 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

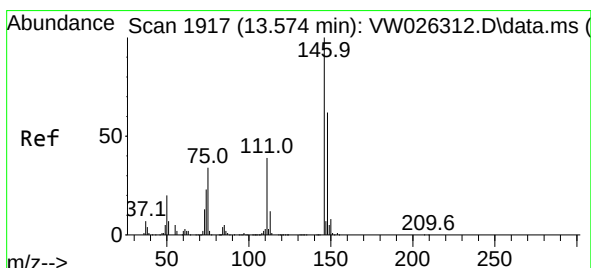
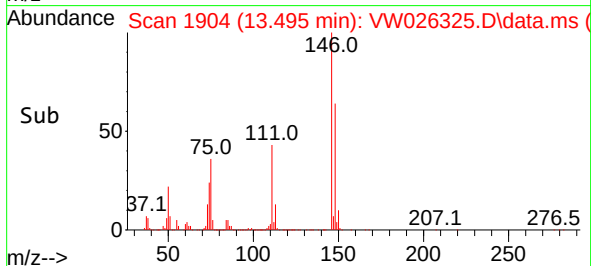
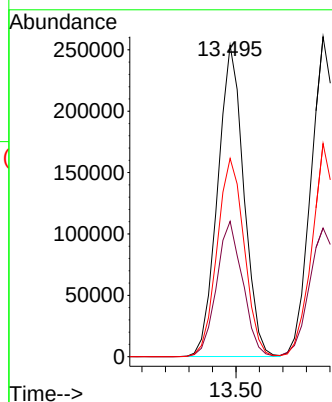
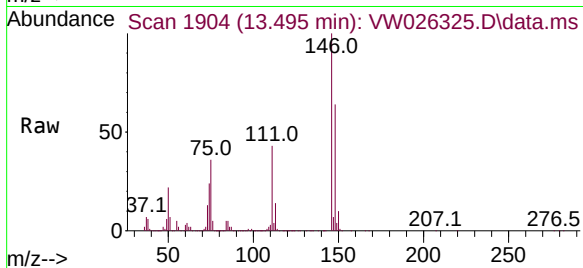
Tgt Ion:146 Resp: 391940

Ion Ratio Lower Upper

146 100

111 43.5 29.7 55.1

148 63.6 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 21.780 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

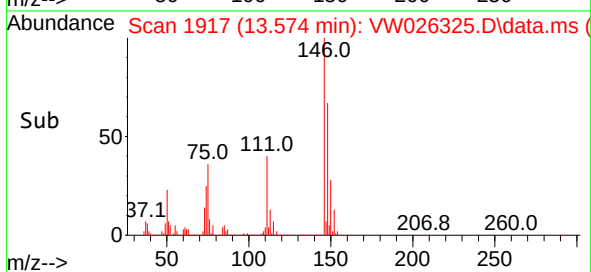
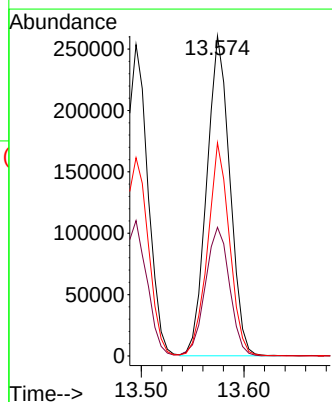
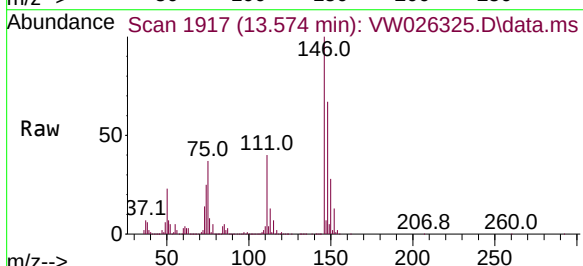
Tgt Ion:146 Resp: 406867

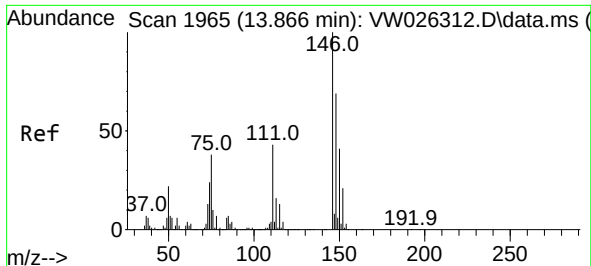
Ion Ratio Lower Upper

146 100

111 40.2 29.2 54.2

148 66.6 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 20.295 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

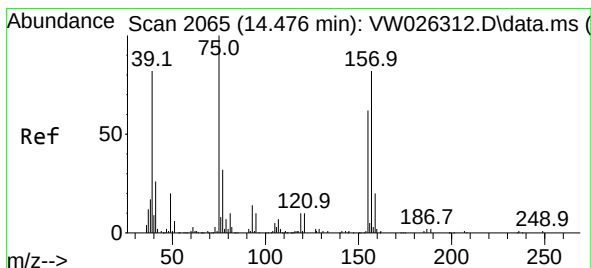
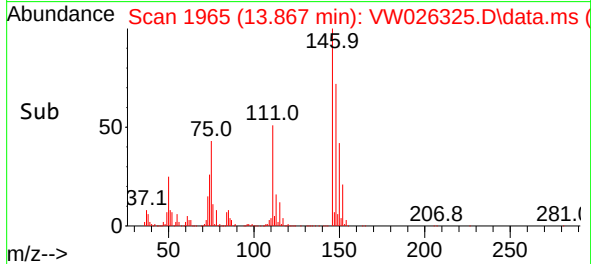
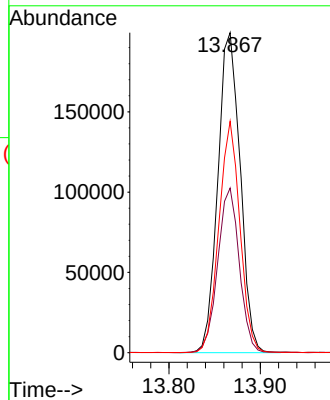
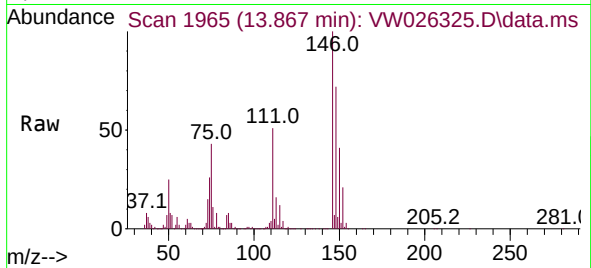
Tgt Ion:146 Resp: 338151

Ion Ratio Lower Upper

146 100

111 51.5 35.4 53.0

148 72.3 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.839 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.007 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

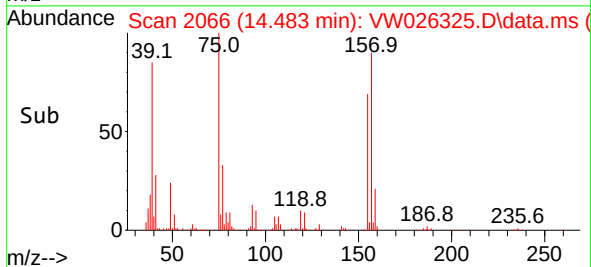
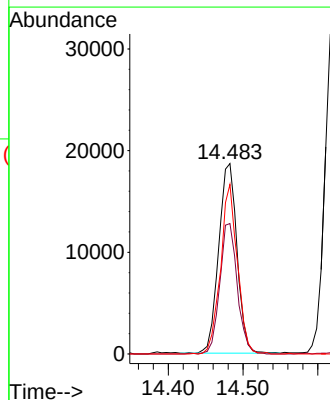
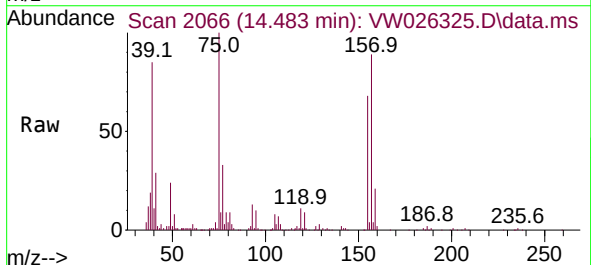
Tgt Ion: 75 Resp: 31838

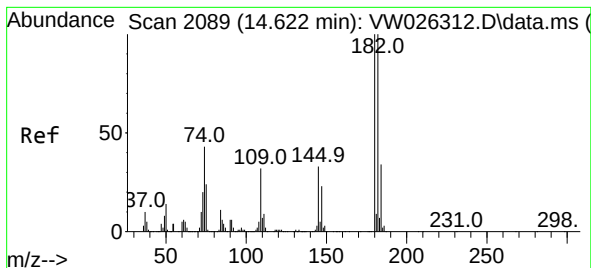
Ion Ratio Lower Upper

75 100

155 68.5 59.0 88.6

157 89.1 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 19.662 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.001 min

Lab File: VW026325.D

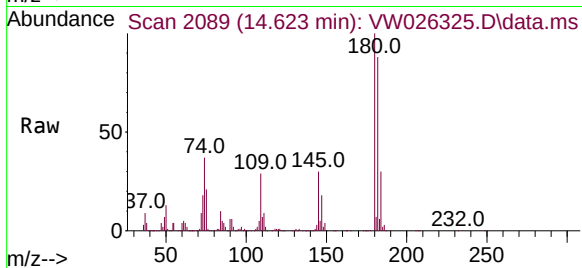
Acq: 23 Jun 2023 16:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532



Tgt Ion:180 Resp: 250602

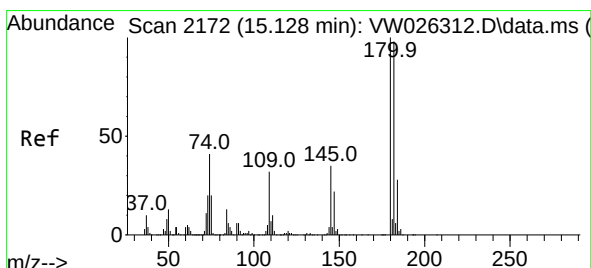
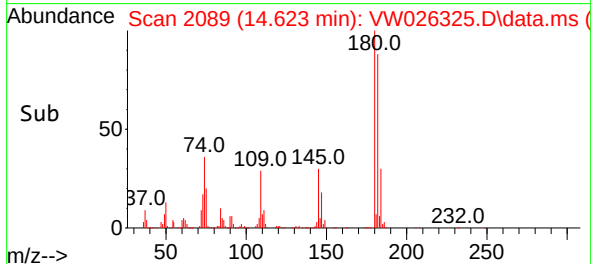
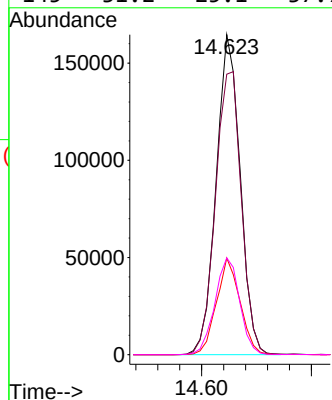
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.4

184 29.6 23.7 35.5

145 31.2 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 20.370 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.001 min

Lab File: VW026325.D

Acq: 23 Jun 2023 16:01

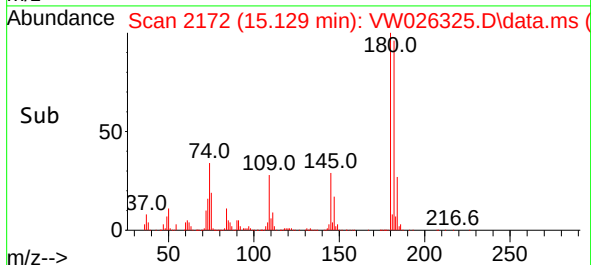
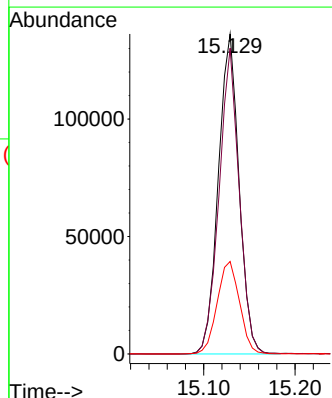
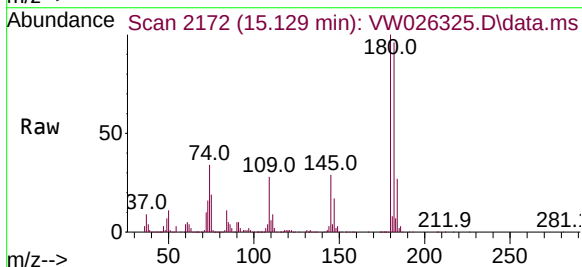
Tgt Ion:180 Resp: 214233

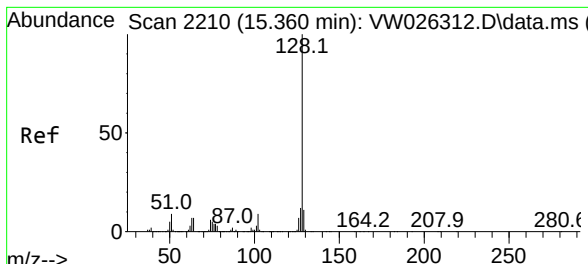
Ion Ratio Lower Upper

180 100

182 93.1 78.9 118.3

145 31.3 27.2 40.8



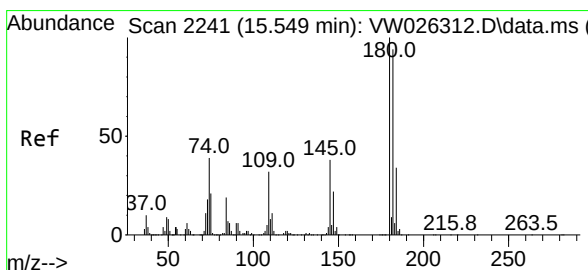
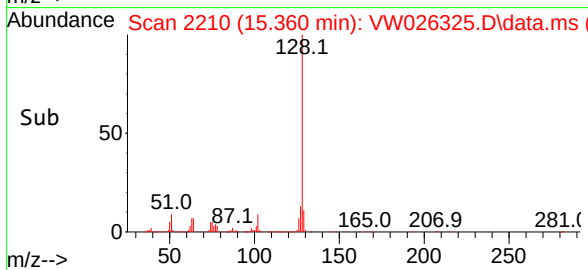
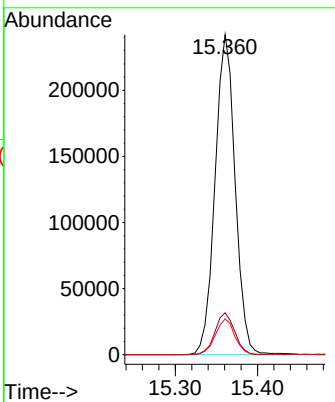
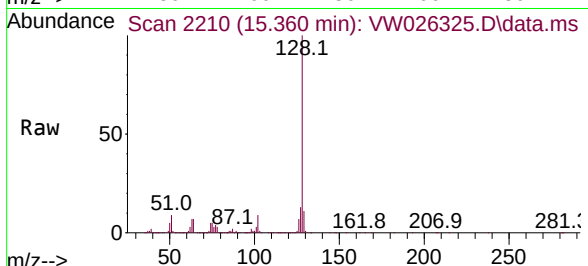


#71
Naphthalene
Concen: 21.917 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion:128 Resp: 410834

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.086 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.001 min
Lab File: VW026325.D
Acq: 23 Jun 2023 16:01

Tgt Ion:180 Resp: 193814

Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.3	114.5
145	32.9	27.0	40.6

