

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023060.D
 Acq On : 16 May 2022 18:00
 Operator : SY/VA
 Sample : N2843-04MSD
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MSD

Quant Time: May 17 01:30:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	339344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	109753	15.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.040%
7) Chloroethane-d5	2.879	69	90654	20.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	4.019	63	144987	16.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.480%
21) 2-Butanone-d5	7.080	46	69542	52.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.080%
24) Chloroform-d	7.653	84	95379	9.594	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	38.360%#
26) 1,2-Dichloroethane-d4	8.305	65	122746	22.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.275	84	383744	21.434	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.720%
36) 1,2-Dichloropropane-d6	9.275	67	121191	24.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.323	98	346316	20.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	10.573	79	49069	21.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.921	63	54932	57.218	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	12599	2.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	10.760%#
66) 1,2-Dichlorobenzene-d4	13.853	152	106208	21.968	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	60005	32.437	ug/L	96
3) Chloromethane	2.215	50	83491	23.356	ug/L	98
5) Vinyl chloride	2.361	62	141858	19.774	ug/L	94
6) Bromomethane	2.770	94	74374	16.147	ug/L	99
8) Chloroethane	2.916	64	74892	21.644	ug/L	99
9) Trichlorofluoromethane	3.251	101	52656	16.059	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	92974	18.963	ug/L	98
12) 1,1-Dichloroethene	4.038	96	83133	19.127	ug/L	94
13) Acetone	4.123	43	59597	60.135	ug/L	96
14) Carbon disulfide	4.385	76	221475	18.587	ug/L	100
15) Methyl Acetate	4.678	43	16290	8.182	ug/L	94
16) Methylene chloride	4.922	84	104664	21.078	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	92597	18.932	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	173776	23.274	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	180560	21.782	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	112029	21.325	ug/L #	92
22) 2-Butanone	7.171	43	71272	51.423	ug/L	98
23) Bromochloromethane	7.513	128	52792	21.458	ug/L	97
25) Chloroform	7.671	83	334390	36.481	ug/L	95

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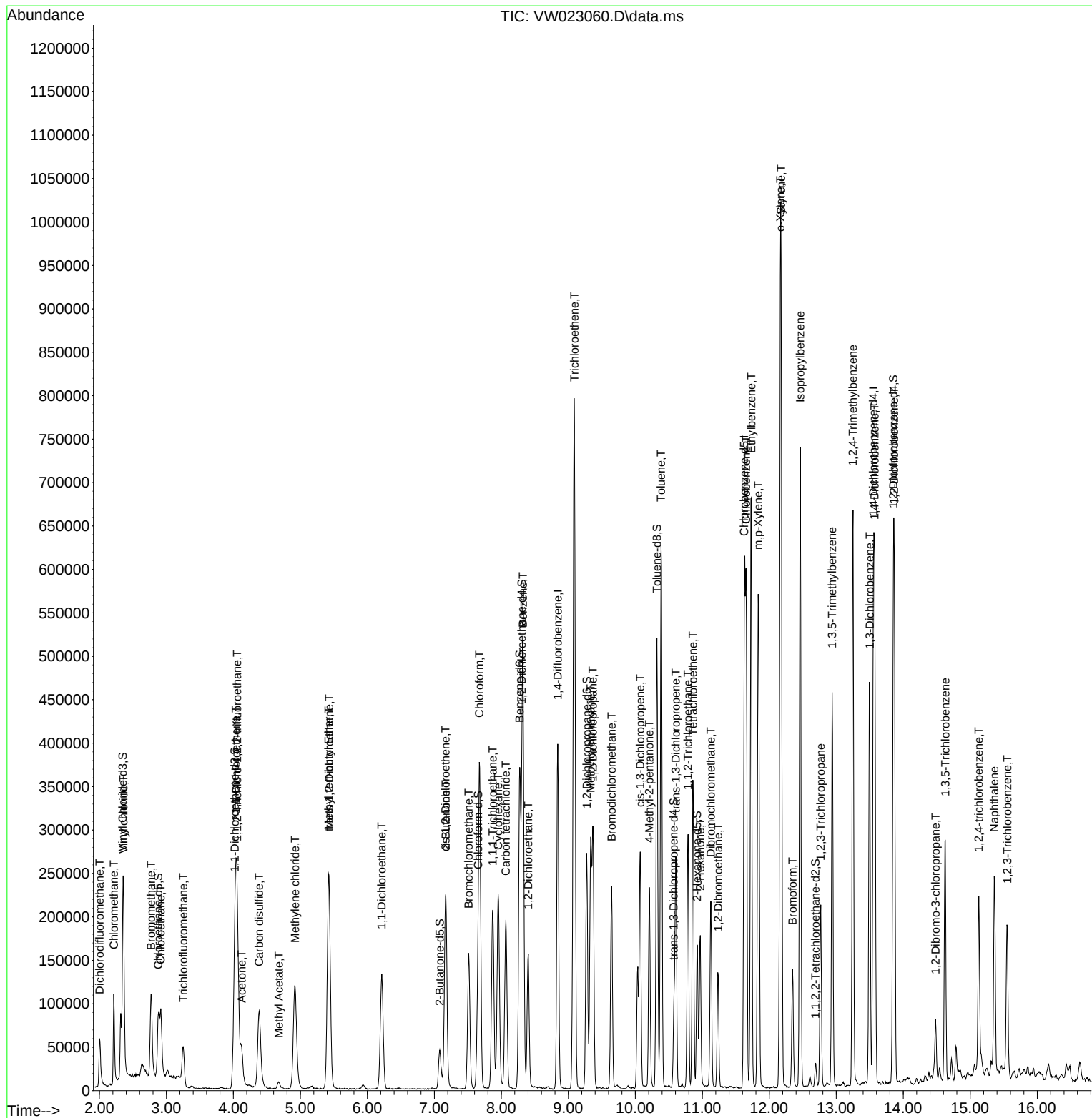
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135892	22.241	ug/L	99
29) Cyclohexane	7.952	56	117217	17.449	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	165415	22.535	ug/L	99
31) Carbon tetrachloride	8.067	117	142493	20.752	ug/L	100
33) Benzene	8.324	78	419920	22.949	ug/L	100
34) Trichloroethene	9.092	95	213861	42.498	ug/L	96
35) Methylcyclohexane	9.336	83	119194	14.418	ug/L	98
37) 1,2-Dichloropropane	9.366	63	104969	23.705	ug/L	98
38) Bromodichloromethane	9.646	83	151361	24.065	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	155012	22.576	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	143468	51.403	ug/L	100
42) Toluene	10.384	91	457151	22.293	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	142998	23.333	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	87579	23.659	ug/L	97
46) Tetrachloroethene	10.860	164	70095	18.535	ug/L	96
48) 2-Hexanone	10.969	43	106240	56.970	ug/L	99
49) Dibromochloromethane	11.128	129	108113	24.266	ug/L	97
50) 1,2-Dibromoethane	11.238	107	84698	22.786	ug/L	95
51) Chlorobenzene	11.652	112	291625	21.571	ug/L	97
52) Ethylbenzene	11.731	91	478577	20.977	ug/L	100
53) m,p-Xylene	11.835	106	185799	20.669	ug/L	97
54) o-Xylene	12.164	106	186797	21.654	ug/L	96
55) Styrene	12.176	104	319606	21.804	ug/L	100
59) Bromoform	12.347	173	55500	28.317	ug/L	99
60) Isopropylbenzene	12.463	105	470185	24.816	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	79964	28.937	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	232969	22.102	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	367099	23.194	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	184814	21.848	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	186522	21.347	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	170142	21.980	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	15645	25.905	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	78746	14.024	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	58746	13.006	ug/L #	95
71) Naphthalene	15.359	128	197423	20.110	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	50412	12.593	ug/L #	93

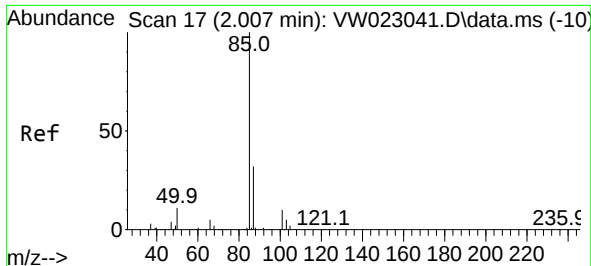
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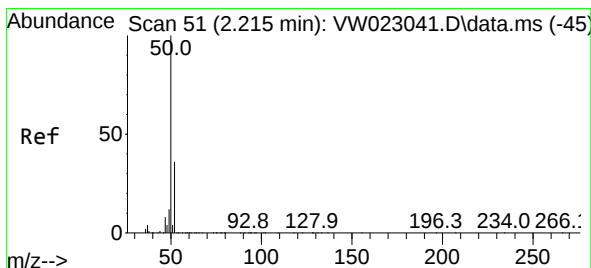
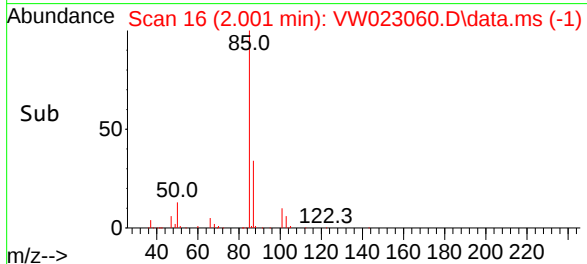
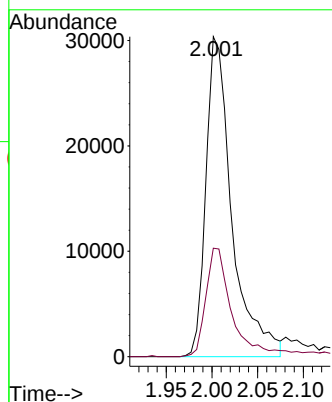
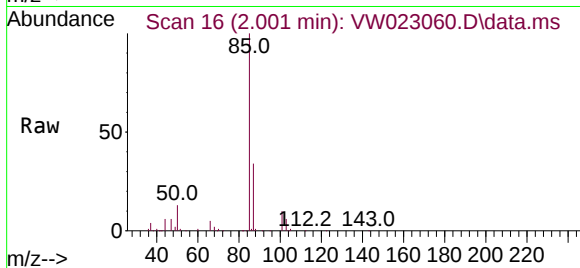




#2
 Dichlorodifluoromethane
 Concen: 32.437 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

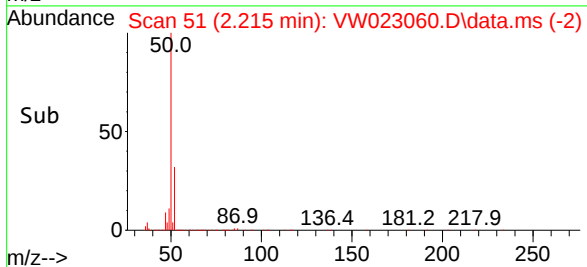
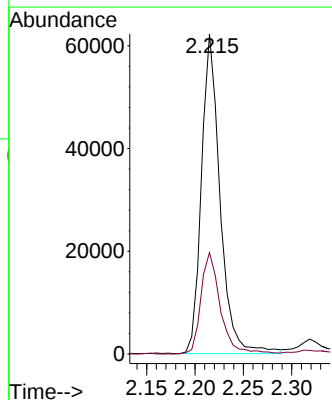
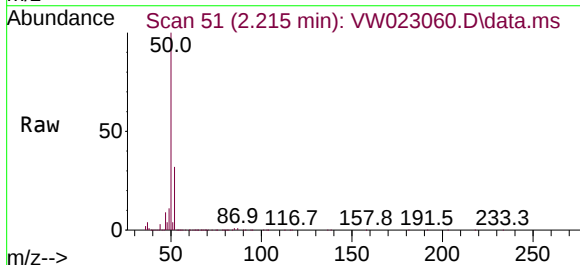
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 ClientSampleId :
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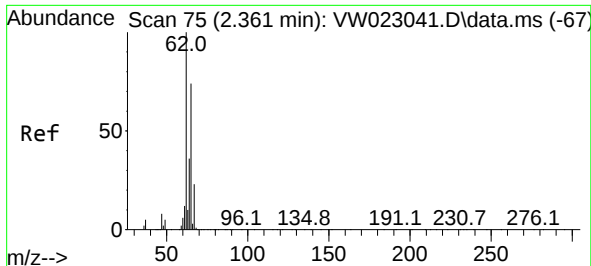
Tgt Ion: 85 Resp: 60005
 Ion Ratio Lower Upper
 85 100
 87 32.6 27.8 41.8



#3
 Chloromethane
 Concen: 23.356 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

Tgt Ion: 50 Resp: 83491
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.1 42.9

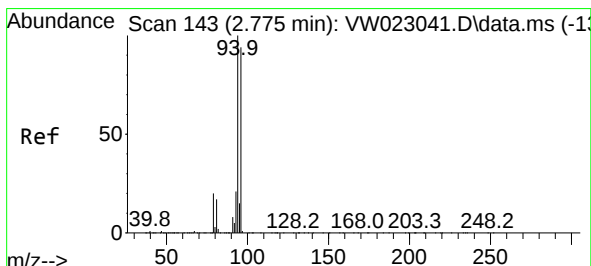
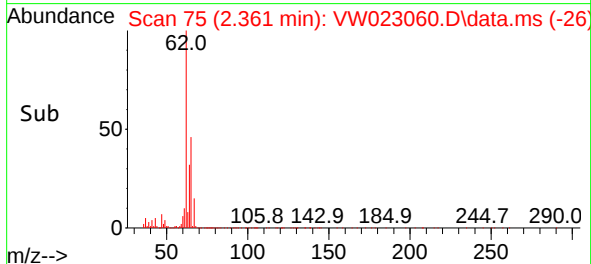
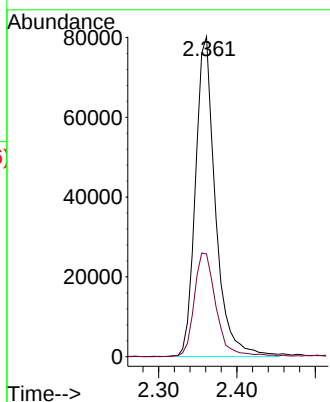
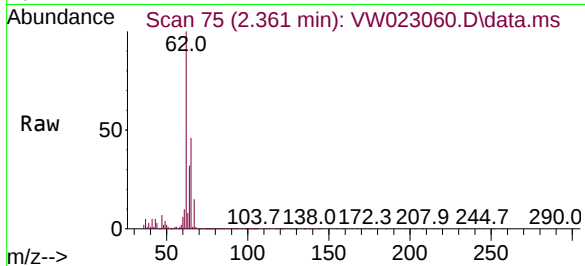




#5
 Vinyl chloride
 Concen: 19.774 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

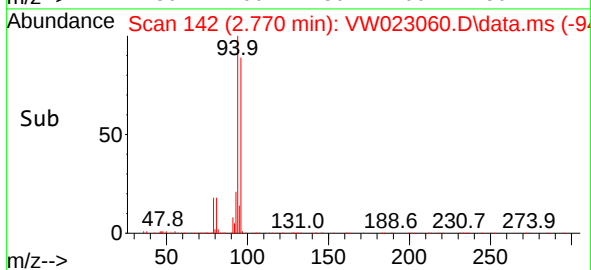
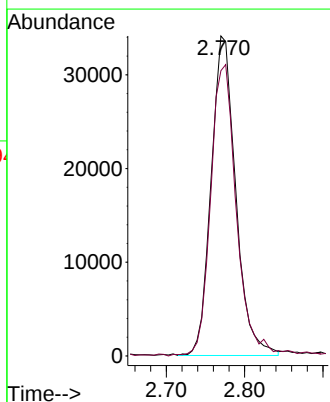
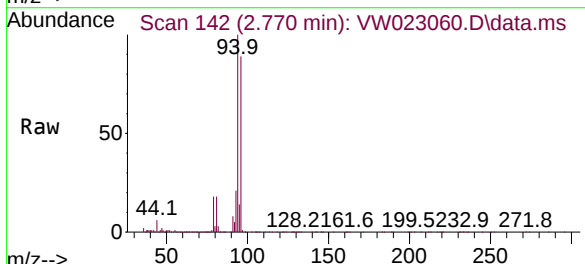
Instrument :
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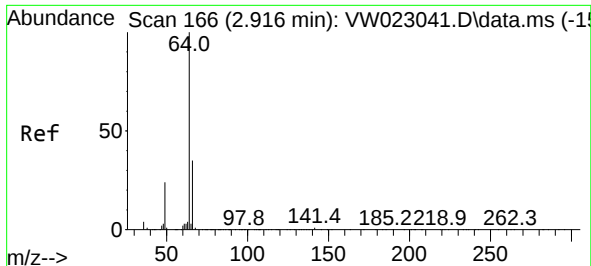
Tgt Ion: 62 Resp: 141858
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.9 46.3



#6
 Bromomethane
 Concen: 16.147 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

Tgt Ion: 94 Resp: 74374
 Ion Ratio Lower Upper
 94 100
 96 89.2 61.7 114.5

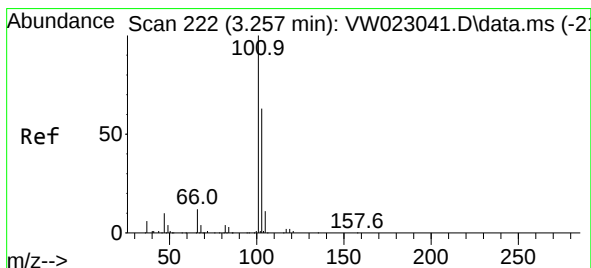
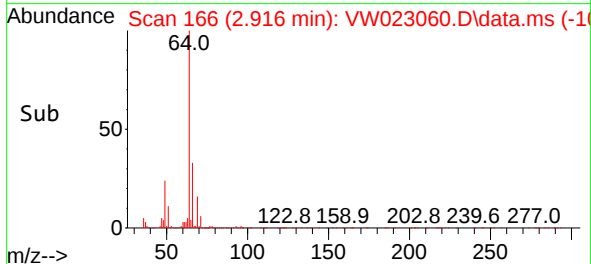
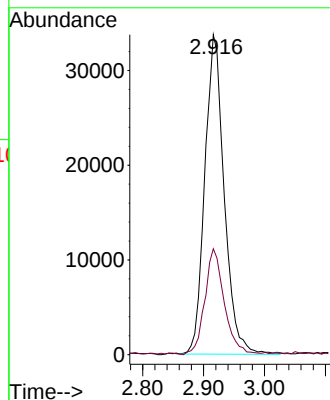
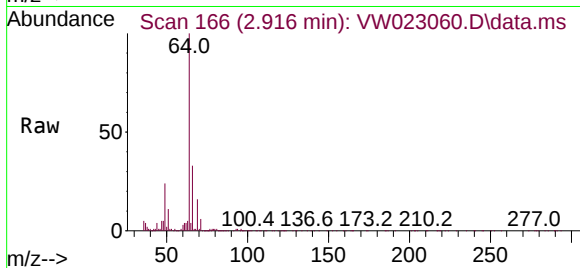




#8
Chloroethane
Concen: 21.644 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

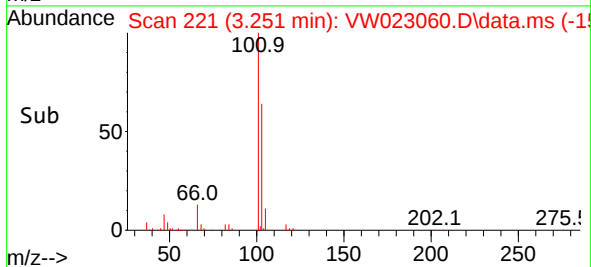
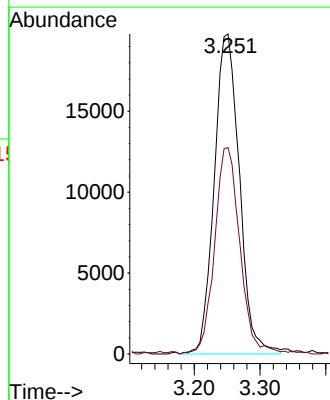
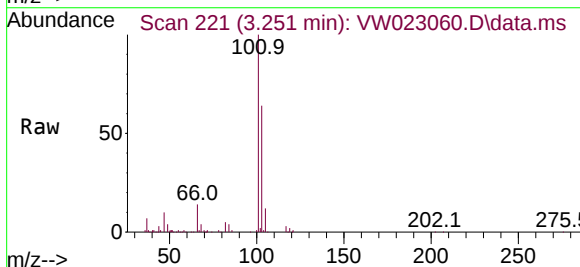
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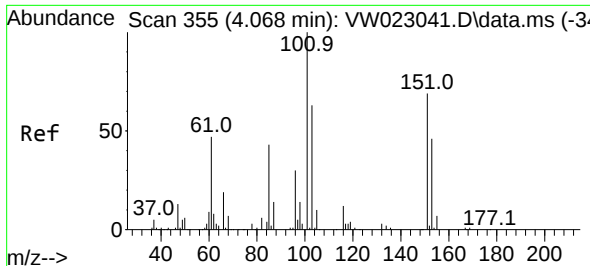
Tgt Ion: 64 Resp: 74892
Ion Ratio Lower Upper
64 100
66 33.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 16.059 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 101 Resp: 52656
Ion Ratio Lower Upper
101 100
103 63.4 53.9 80.9

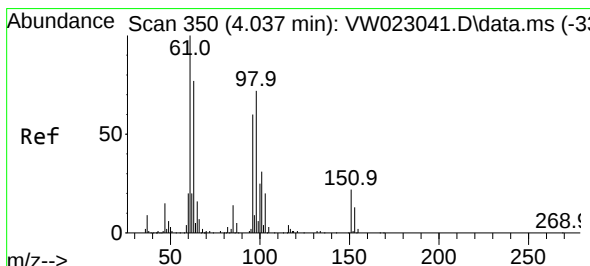
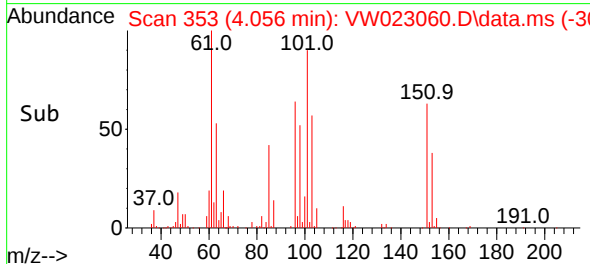
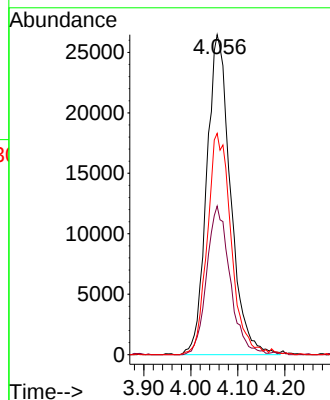
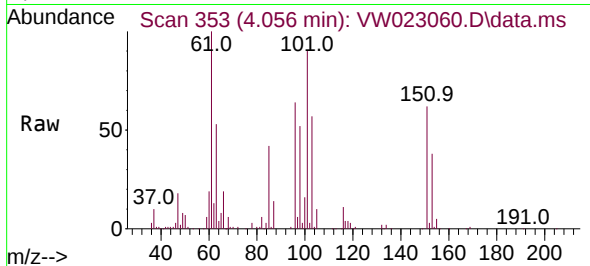




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.963 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

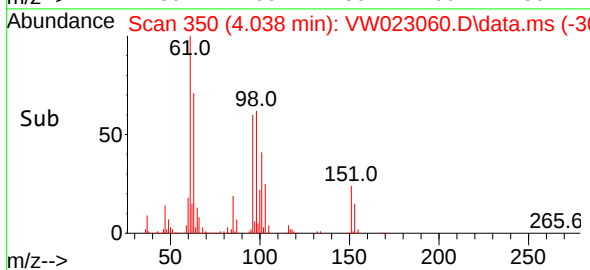
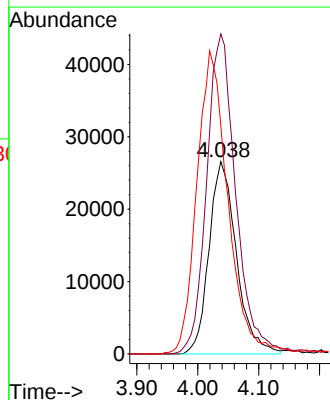
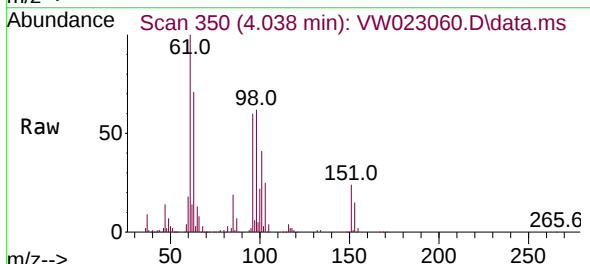
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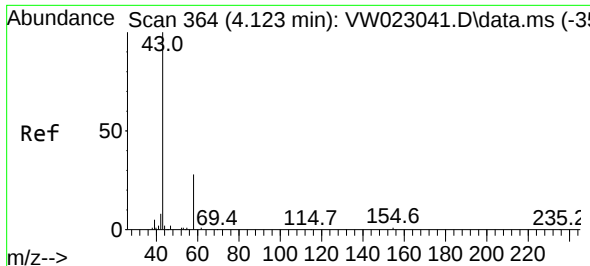
Tgt Ion:101 Resp: 92974
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.3 51.5
 151 68.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 19.127 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

Tgt Ion: 96 Resp: 83133
 Ion Ratio Lower Upper
 96 100
 61 166.4 125.7 233.5
 63 118.6 83.4 155.0

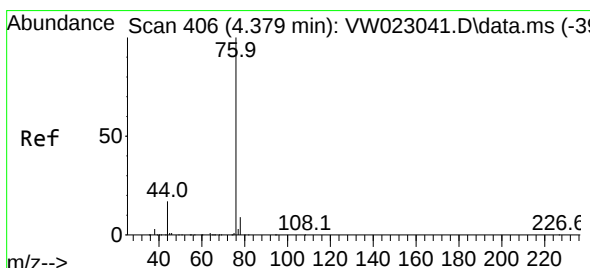
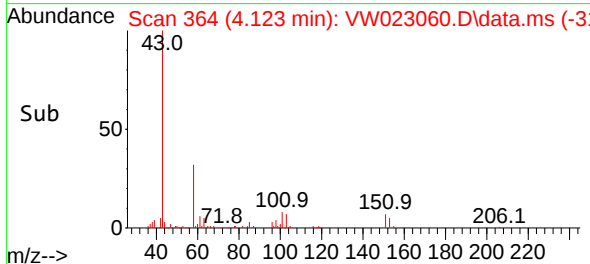
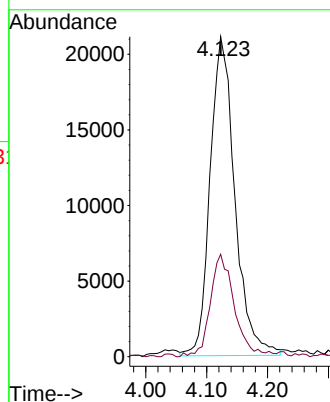
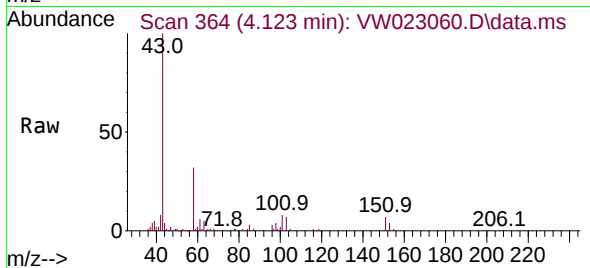




#13
Acetone
Concen: 60.135 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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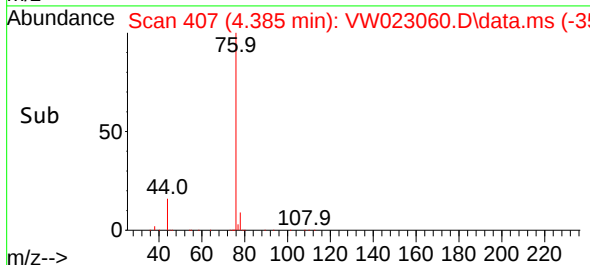
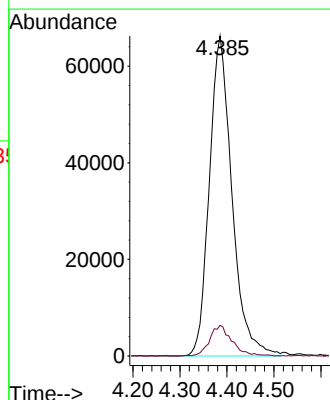
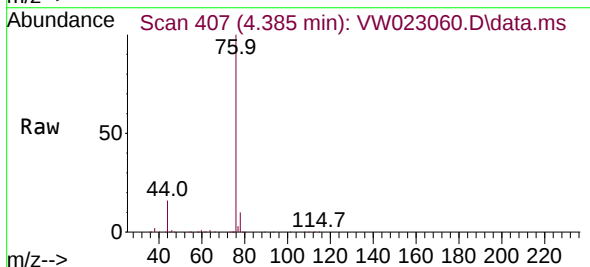
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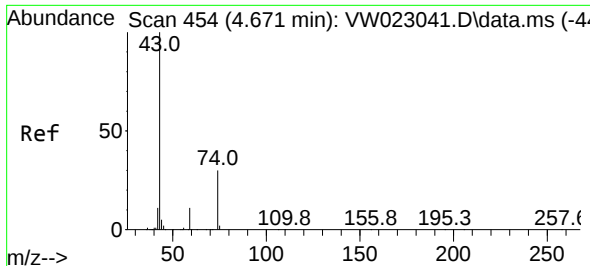
Tgt Ion: 43 Resp: 59597
Ion Ratio Lower Upper
43 100
58 30.0 0.0 64.0



#14
Carbon disulfide
Concen: 18.587 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 76 Resp: 221475
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

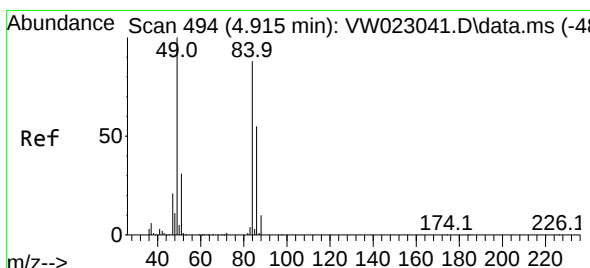
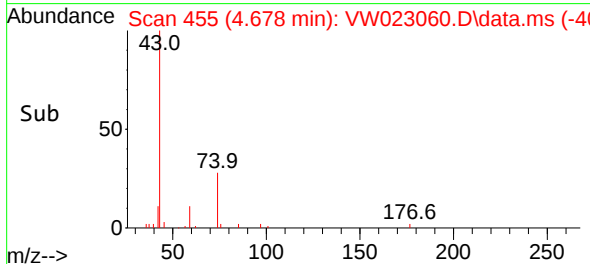
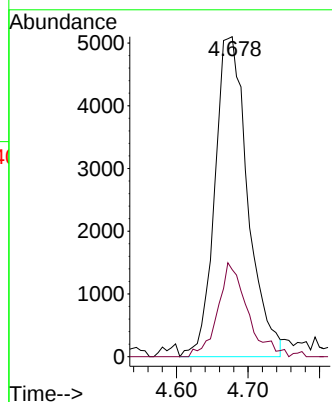
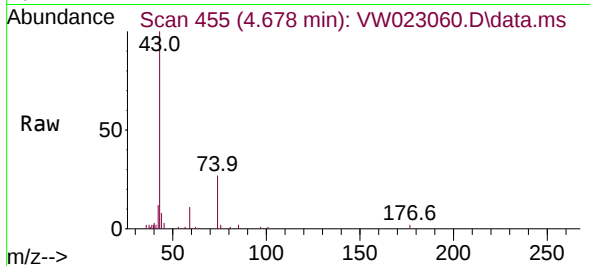




#15
Methyl Acetate
Concen: 8.182 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

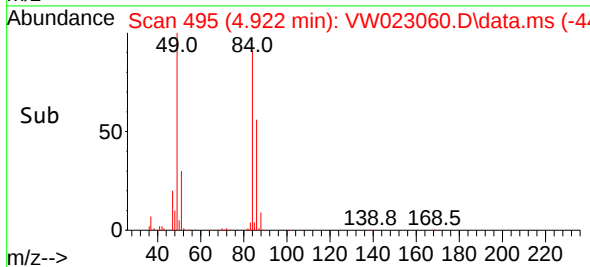
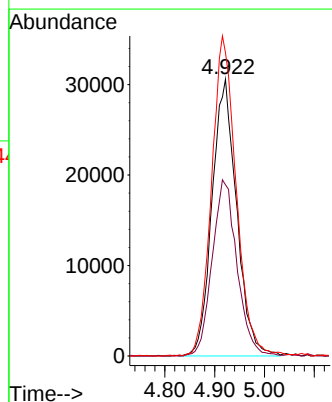
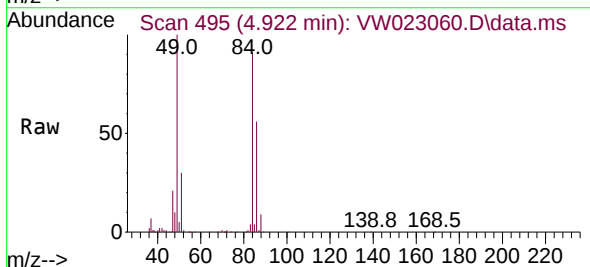
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

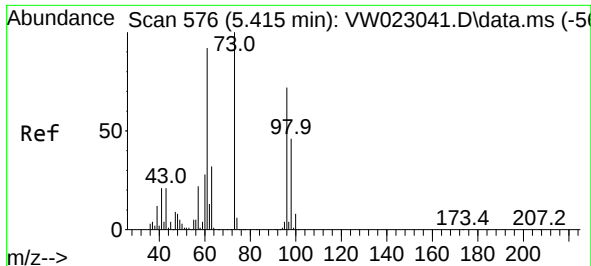
Tgt Ion: 43 Resp: 16290
Ion Ratio Lower Upper
43 100
74 24.2 21.9 32.9



#16
Methylene chloride
Concen: 21.078 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 84 Resp: 104664
Ion Ratio Lower Upper
84 100
86 61.8 45.4 84.4
49 109.5 82.5 153.1

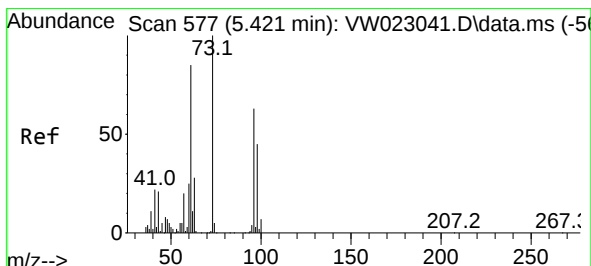
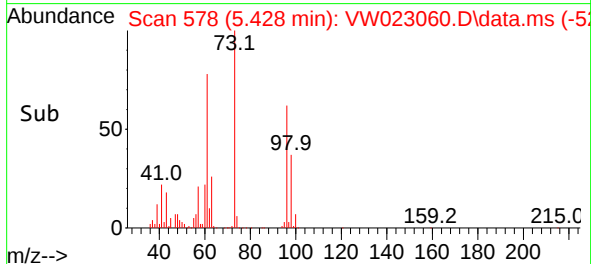
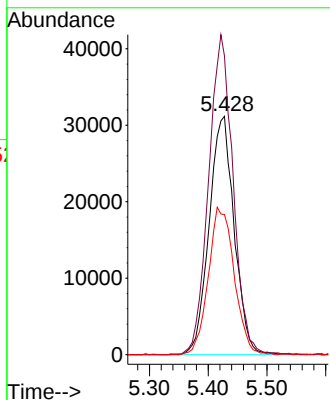
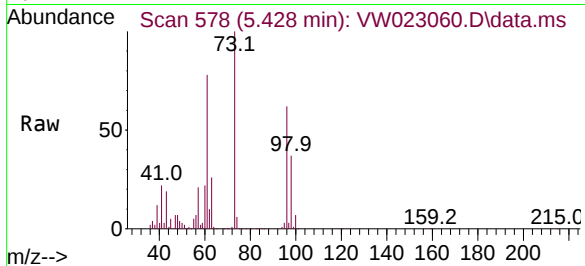




#17
trans-1,2-Dichloroethene
Concen: 18.932 ug/L
RT: 5.428 min Scan# 576
Delta R.T. 0.012 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

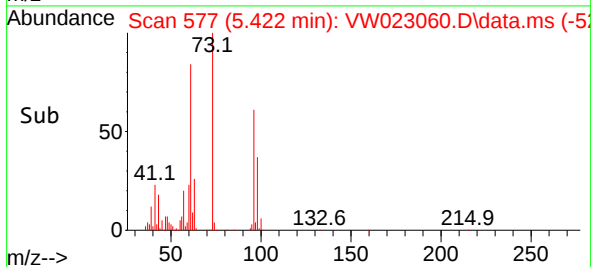
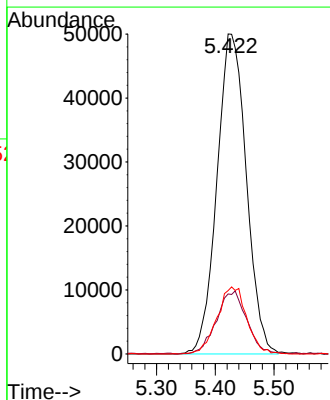
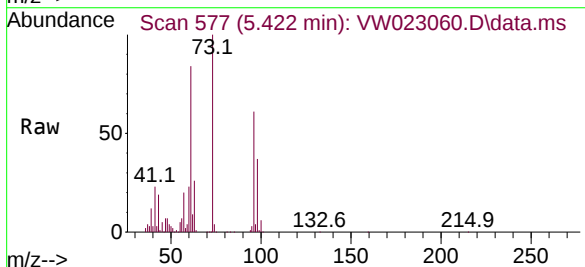
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

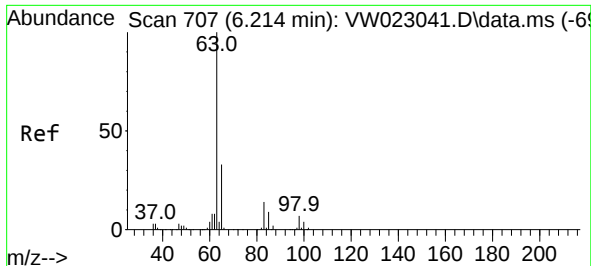
Tgt Ion: 96 Resp: 92597
Ion Ratio Lower Upper
96 100
61 125.4 92.2 171.2
98 58.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.274 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 73 Resp: 173776
Ion Ratio Lower Upper
73 100
43 20.0 15.9 23.9
57 13.6 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 21.782 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MSD

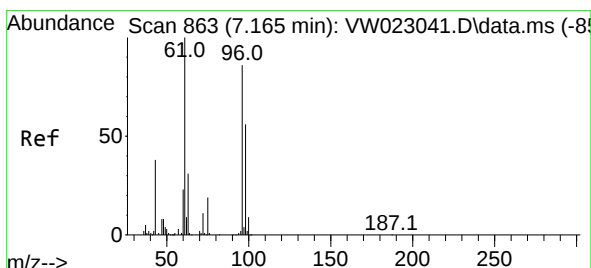
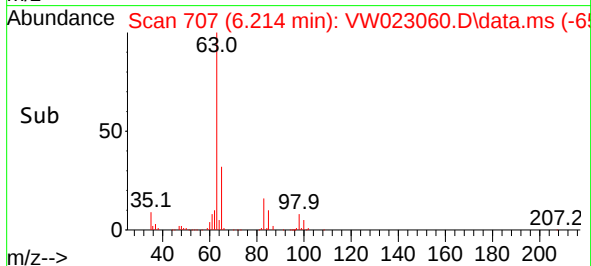
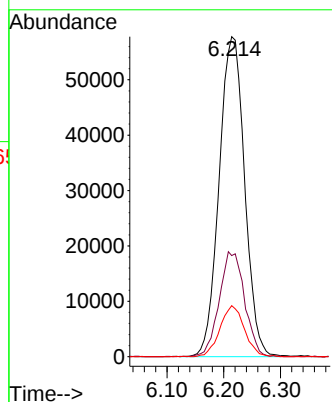
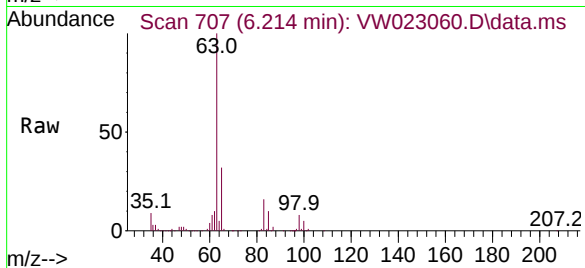
Tgt Ion: 63 Resp: 180560

Ion Ratio Lower Upper

63 100

65 31.6 23.3 43.3

83 15.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 21.325 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

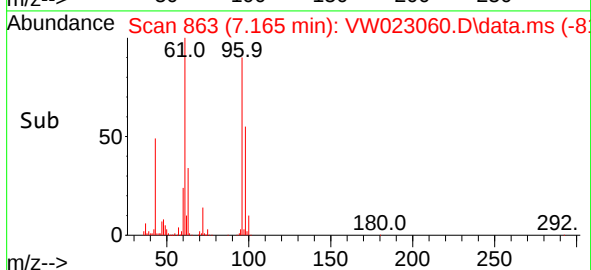
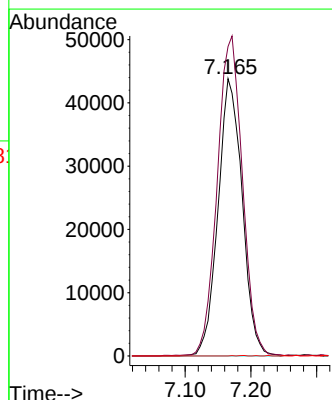
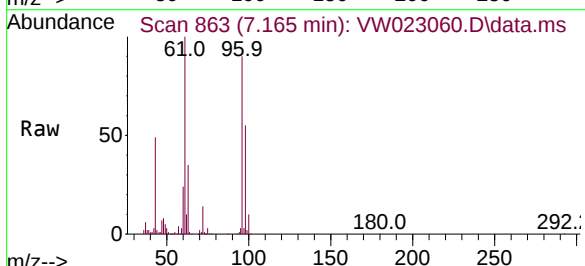
Tgt Ion: 96 Resp: 112029

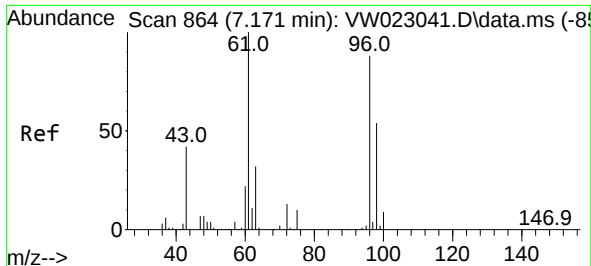
Ion Ratio Lower Upper

96 100

61 111.6 84.2 156.4

68 0.0 0.1 0.1#

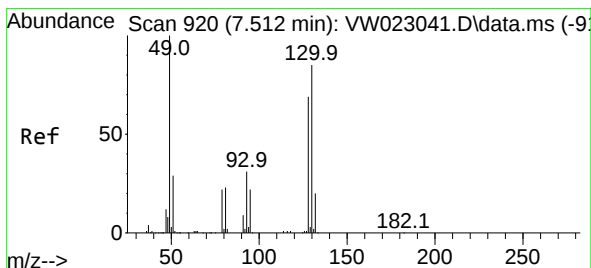
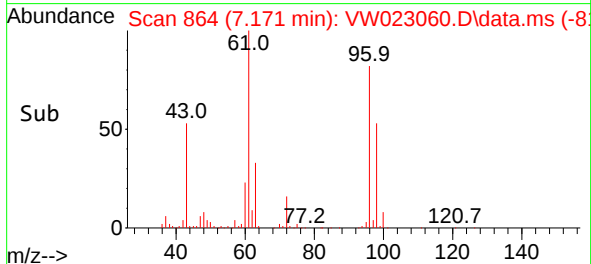
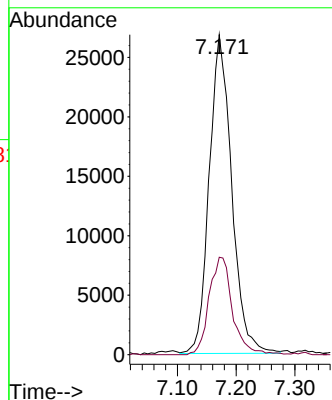
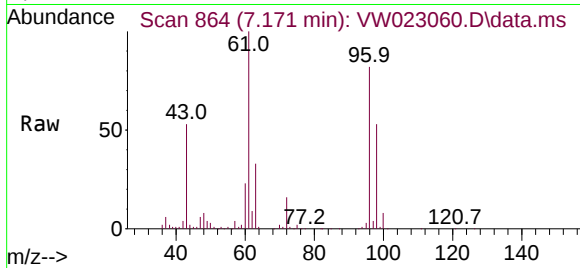




#22
2-Butanone
Concen: 51.423 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

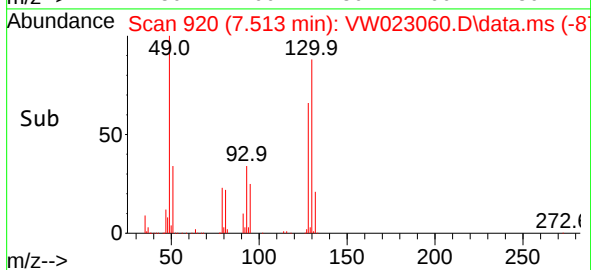
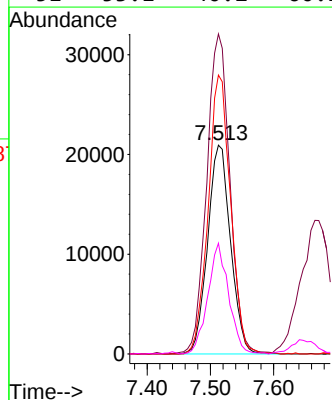
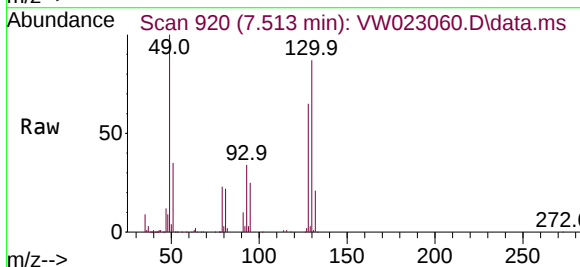
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

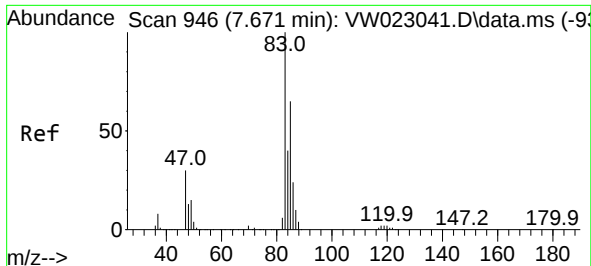
Tgt Ion: 43 Resp: 71272
Ion Ratio Lower Upper
43 100
72 31.0 15.1 45.3



#23
Bromochloromethane
Concen: 21.458 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 128 Resp: 52792
Ion Ratio Lower Upper
128 100
49 153.2 110.0 204.4
130 133.5 94.8 176.0
51 53.1 40.2 60.2

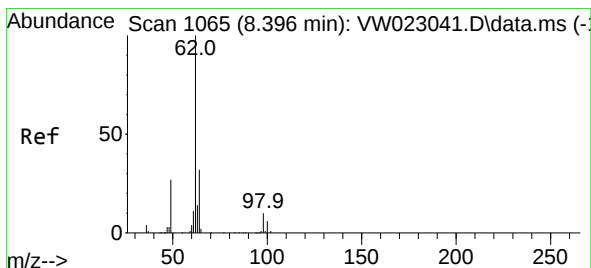
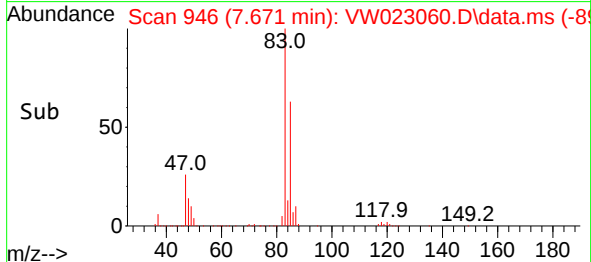
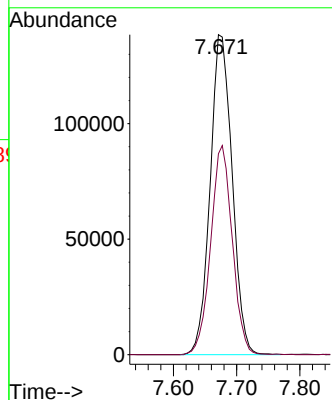
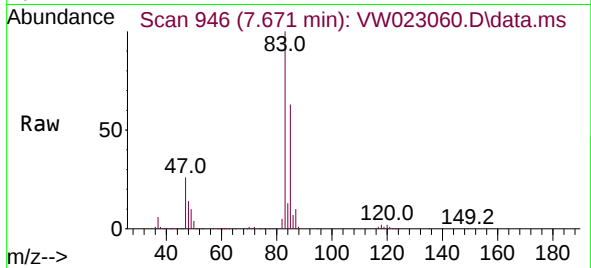




#25
Chloroform
Concen: 36.481 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

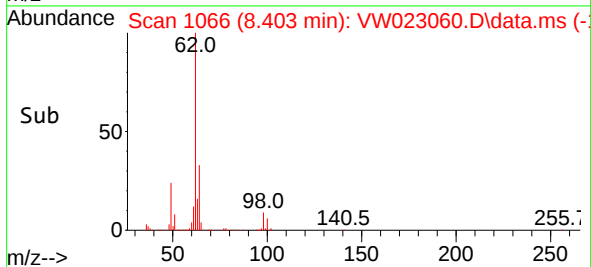
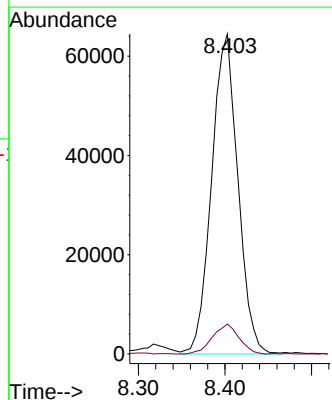
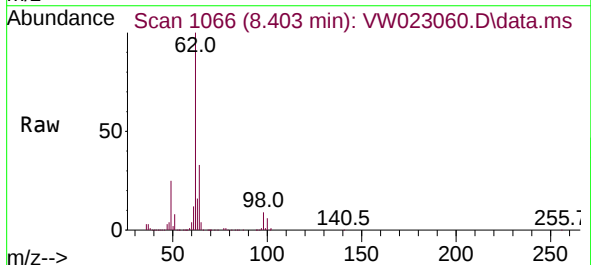
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

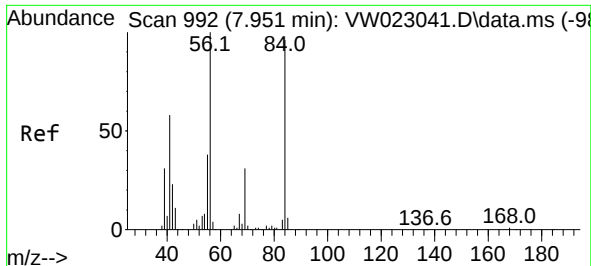
Tgt Ion: 83 Resp: 334390
Ion Ratio Lower Upper
83 100
85 62.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.241 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 62 Resp: 135892
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 17.449 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

Instrument :

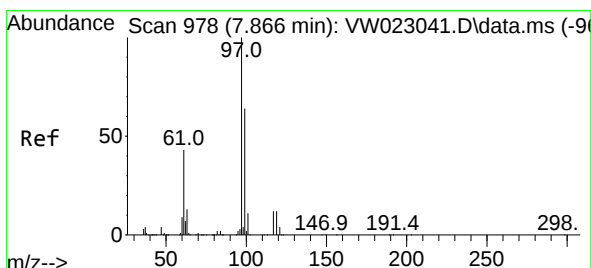
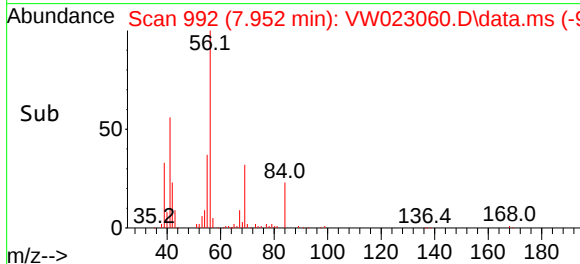
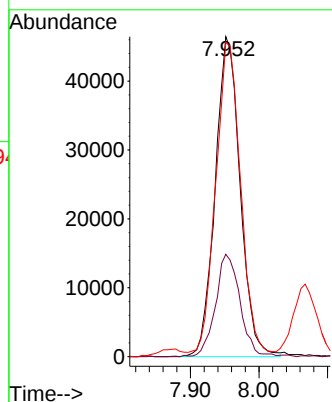
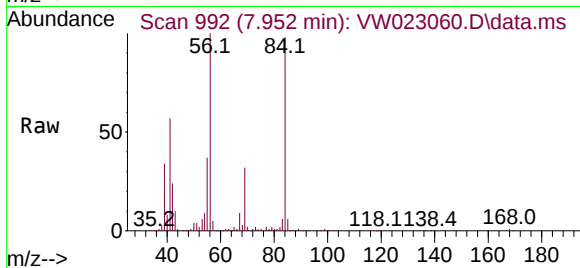
MSVOA_W

ClientSampleId :

EW4H4MSD

Tgt Ion: 56 Resp: 117217

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.6	38.4
84	99.2	78.2	117.4



#30

1,1,1-Trichloroethane

Concen: 22.535 ug/L

RT: 7.872 min Scan# 979

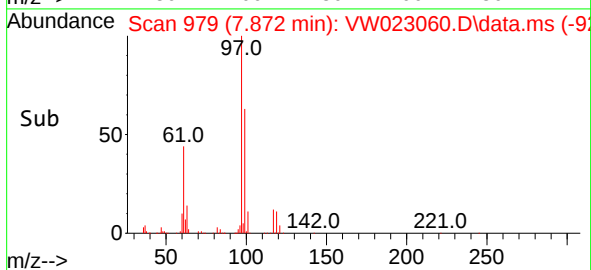
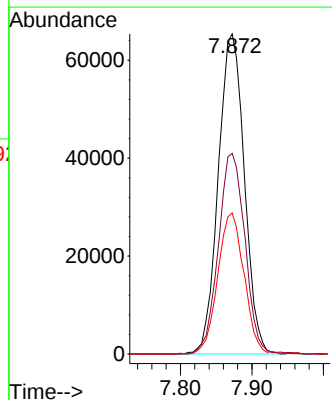
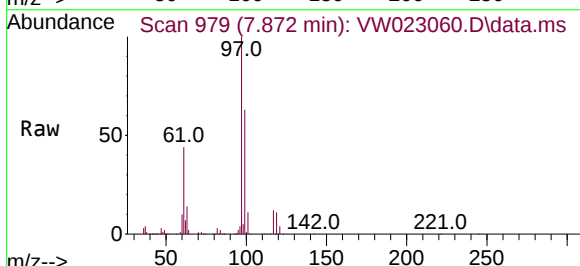
Delta R.T. 0.006 min

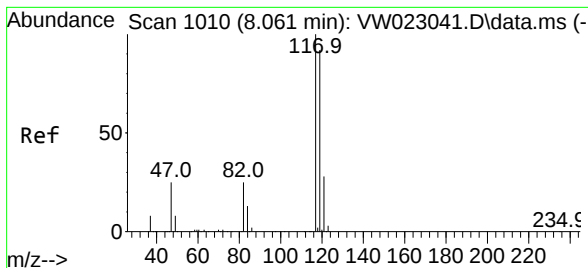
Lab File: VW023060.D

Acq: 16 May 2022 18:00

Tgt Ion: 97 Resp: 165415

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	44.3	34.8	52.2

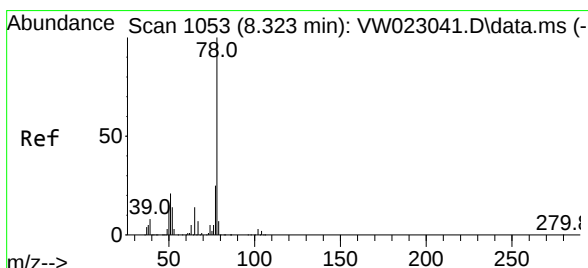
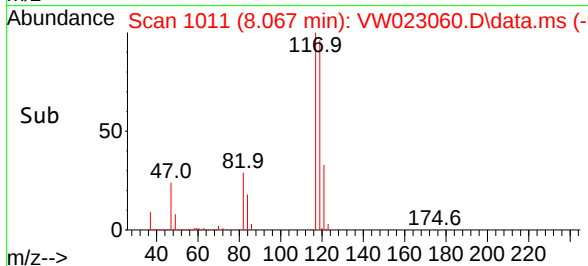
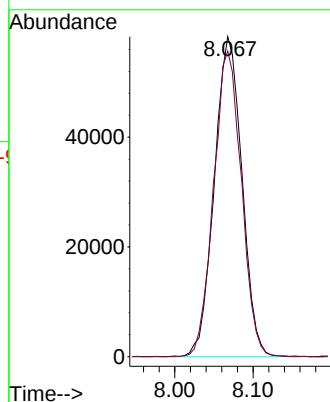
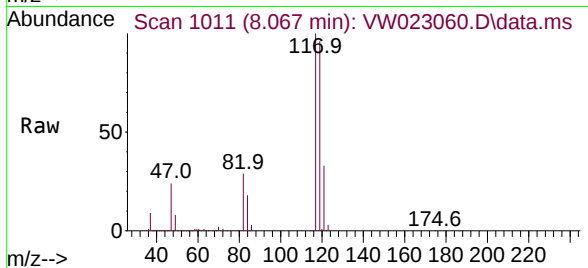




#31
Carbon tetrachloride
Concen: 20.752 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

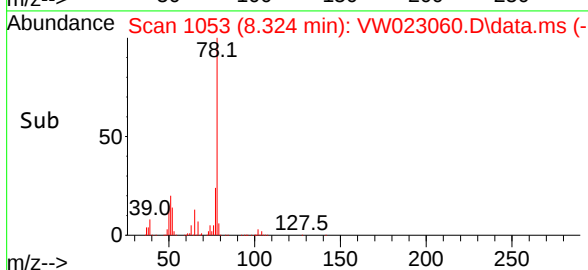
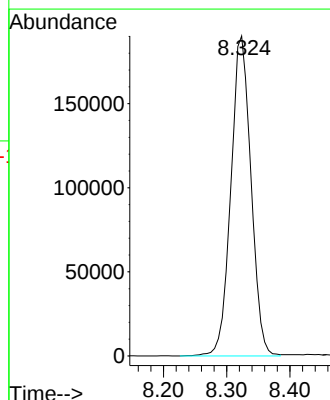
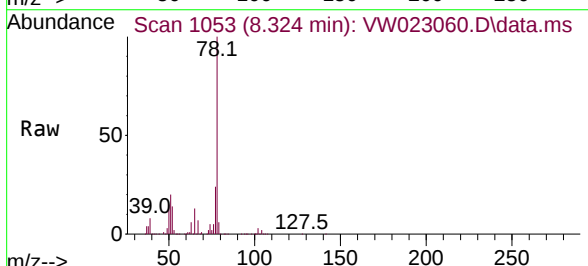
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

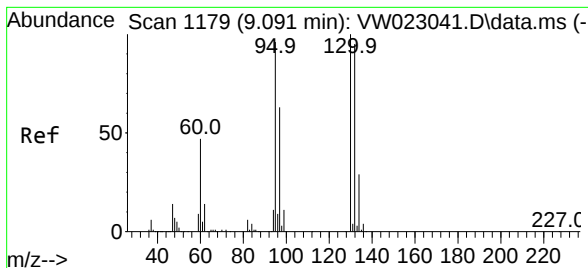
Tgt Ion:117 Resp: 142493
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 22.949 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 78 Resp: 419920





#34

Trichloroethene

Concen: 42.498 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MSD

Tgt Ion: 95 Resp: 213861

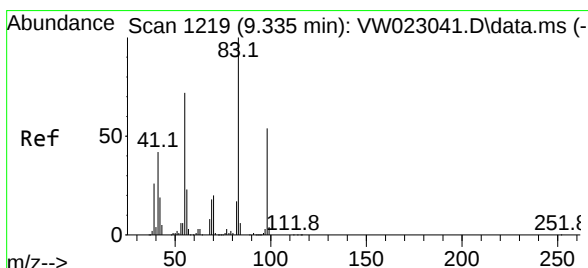
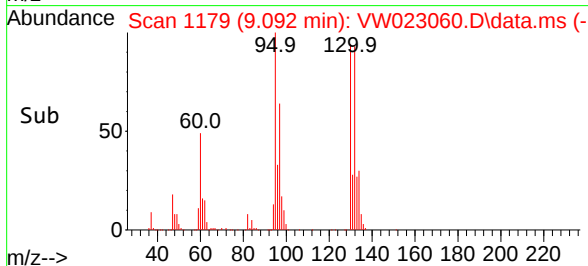
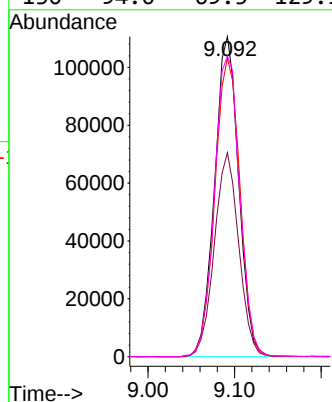
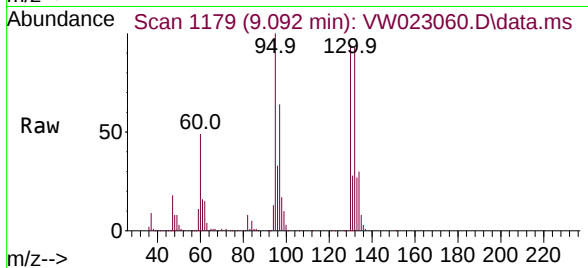
Ion Ratio Lower Upper

95 100

97 63.8 46.1 85.7

132 93.3 66.9 124.3

130 94.0 69.5 129.1



#35

Methylcyclohexane

Concen: 14.418 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

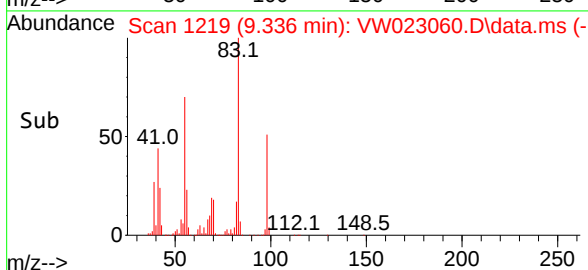
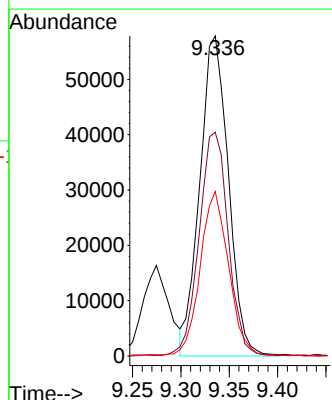
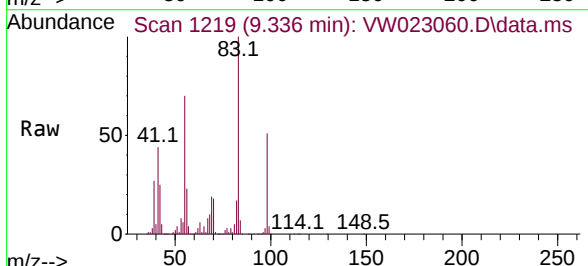
Tgt Ion: 83 Resp: 119194

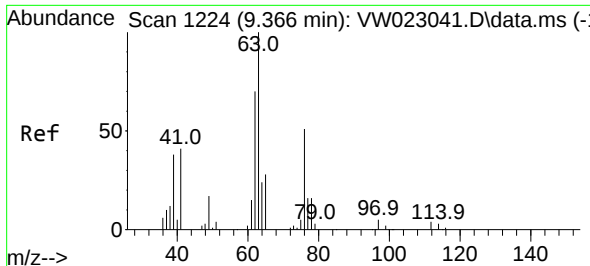
Ion Ratio Lower Upper

83 100

55 71.0 55.1 82.7

98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.705 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

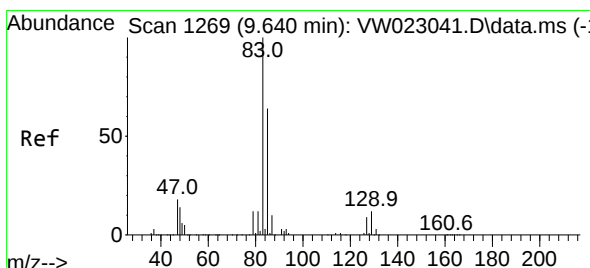
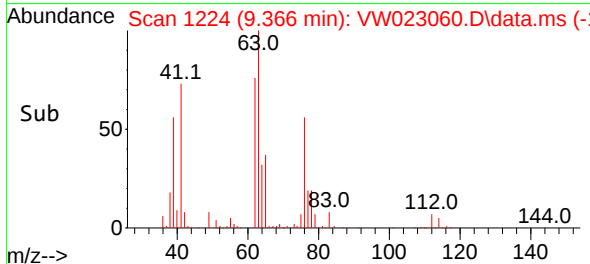
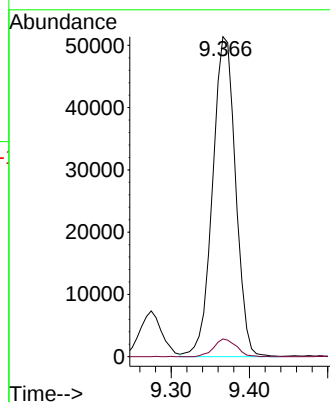
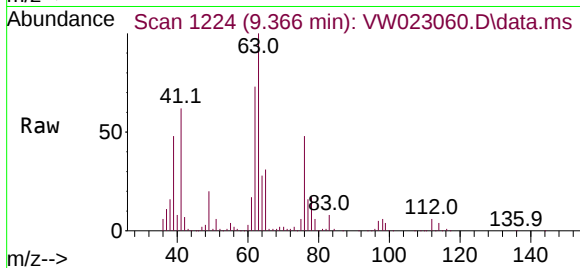
EW4H4MSD

Tgt Ion: 63 Resp: 104969

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 24.065 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

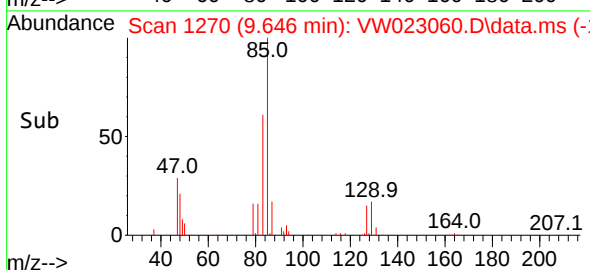
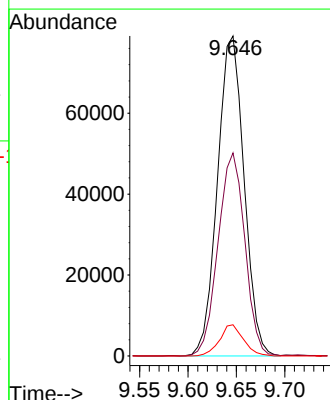
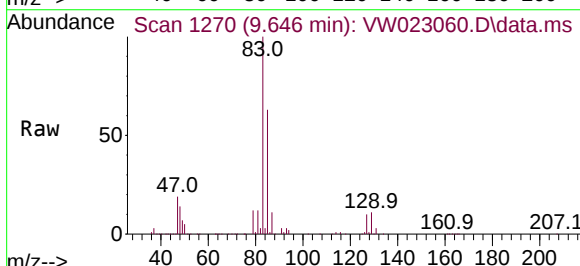
Tgt Ion: 83 Resp: 151361

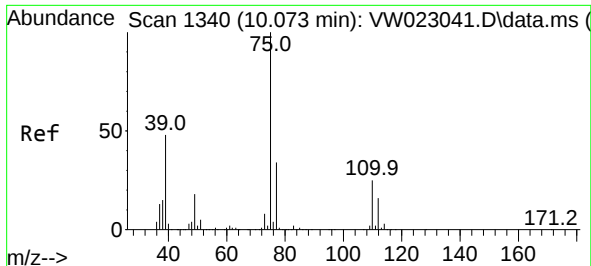
Ion Ratio Lower Upper

83 100

85 63.5 43.5 80.7

127 9.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 22.576 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

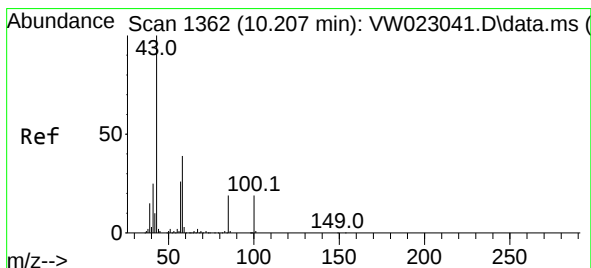
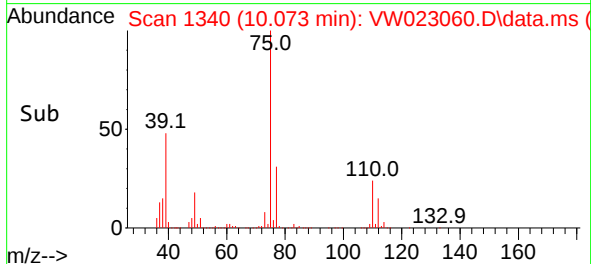
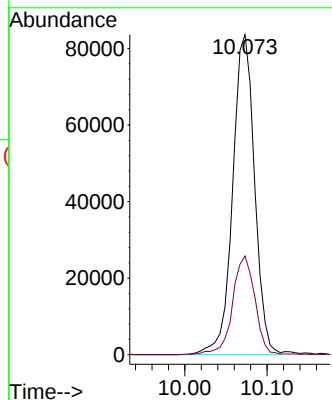
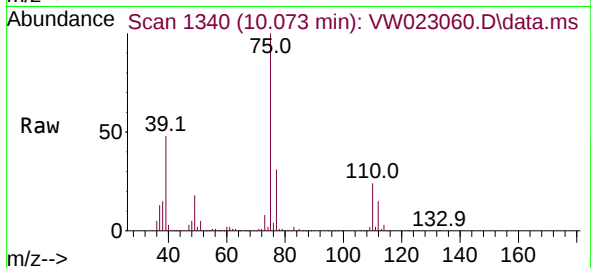
EW4H4MSD

Tgt Ion: 75 Resp: 155012

Ion Ratio Lower Upper

75 100

77 30.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 51.403 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

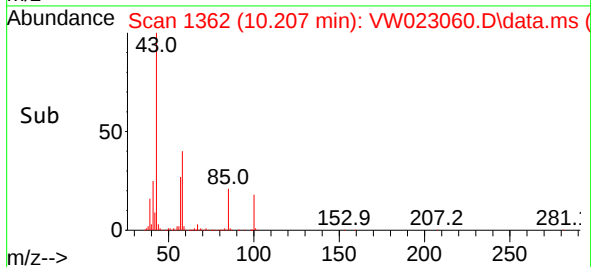
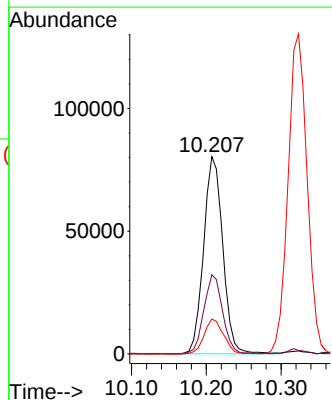
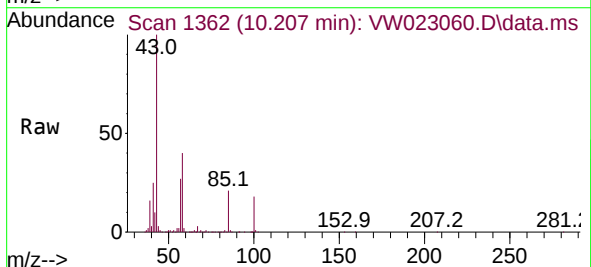
Tgt Ion: 43 Resp: 143468

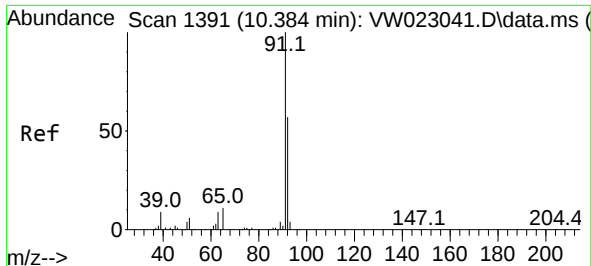
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 17.9 14.2 21.4

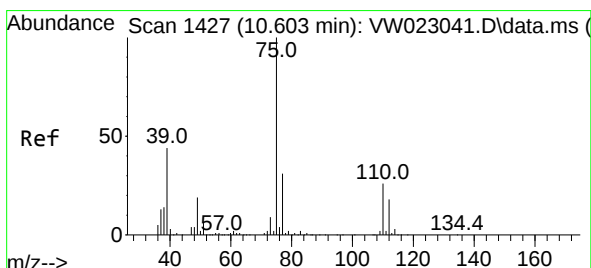
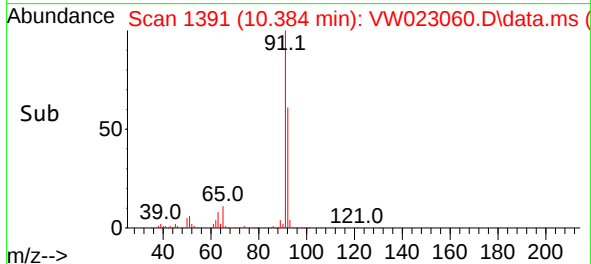
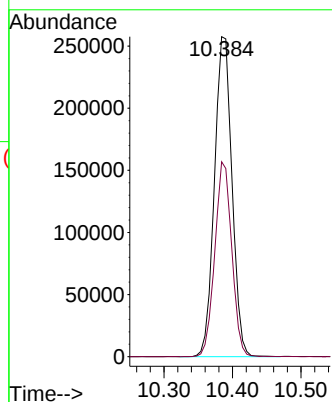
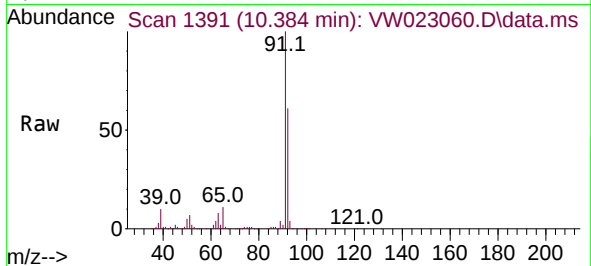




#42
Toluene
Concen: 22.293 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

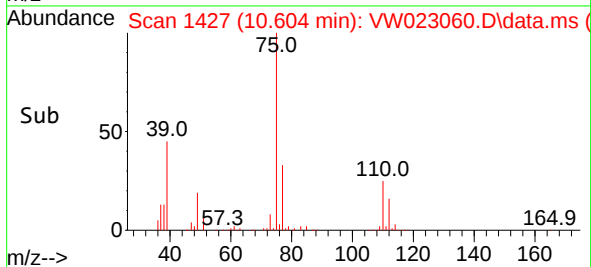
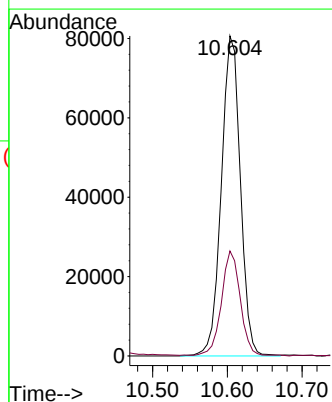
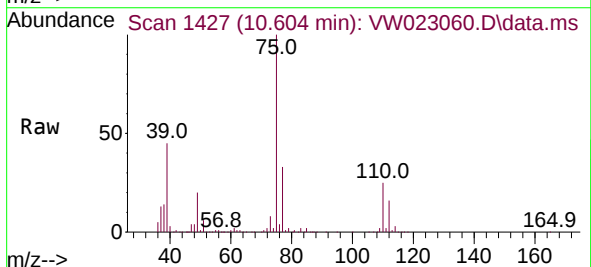
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

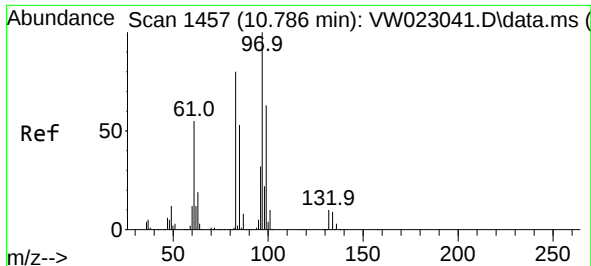
Tgt Ion: 91 Resp: 457151
Ion Ratio Lower Upper
91 100
92 60.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.333 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 75 Resp: 142998
Ion Ratio Lower Upper
75 100
77 32.8 22.0 40.8

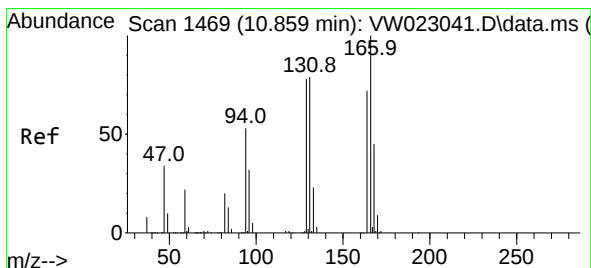
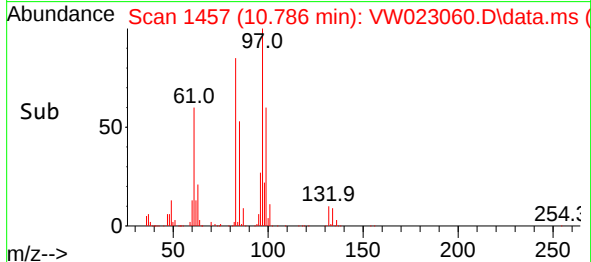
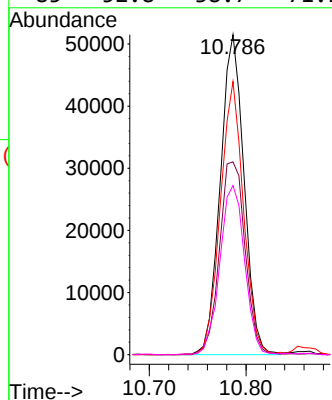
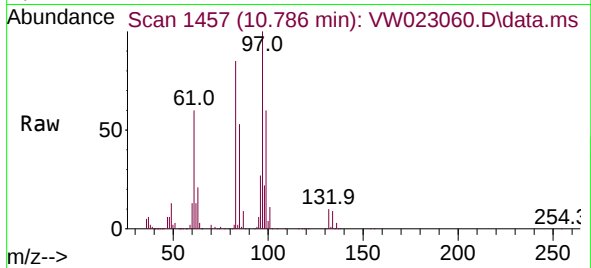




#45
1,1,2-Trichloroethane
Concen: 23.659 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

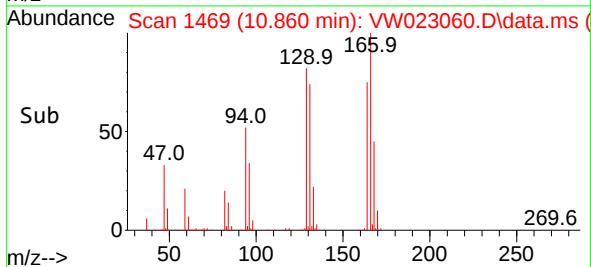
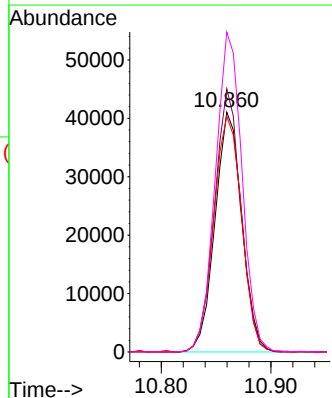
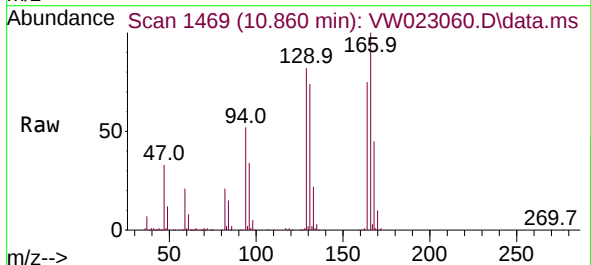
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

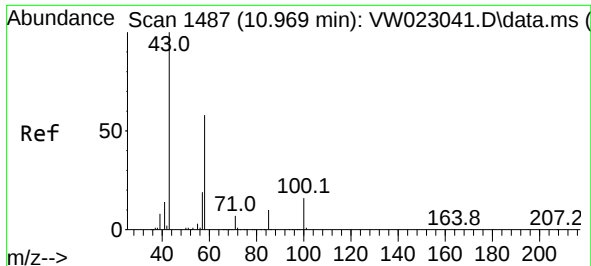
Tgt Ion:	97	Resp:	87579
Ion	Ratio	Lower	Upper
97	100		
99	60.3	44.7	82.9
83	85.4	58.4	108.4
85	52.8	38.7	71.9



#46
Tetrachloroethene
Concen: 18.535 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion:	164	Resp:	70095
Ion	Ratio	Lower	Upper
164	100		
129	109.7	76.9	142.7
131	98.3	75.1	139.5
166	133.5	96.0	178.2

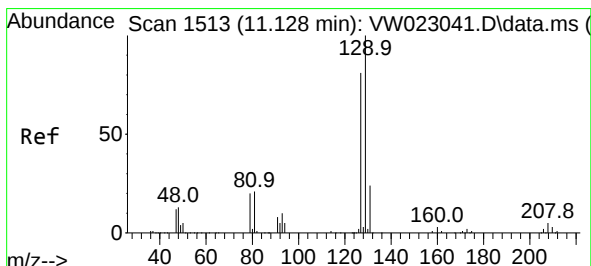
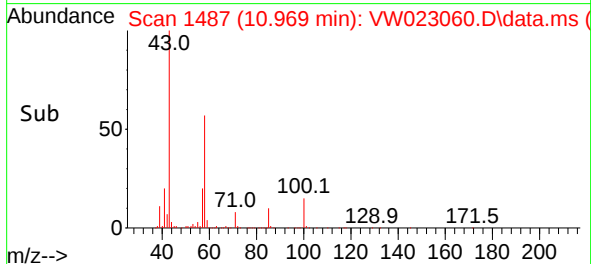
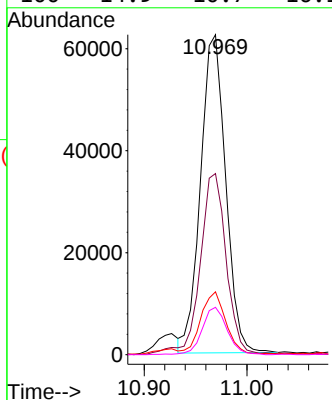
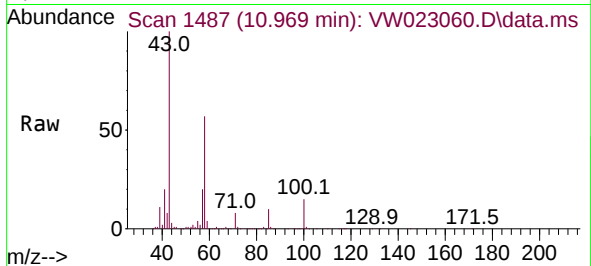




#48
2-Hexanone
Concen: 56.970 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

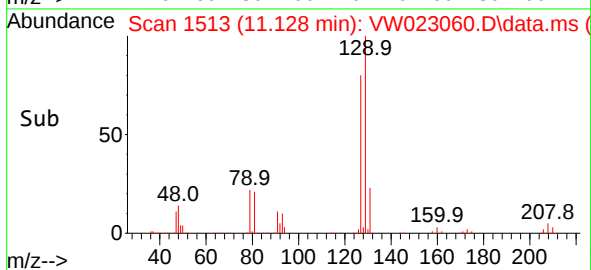
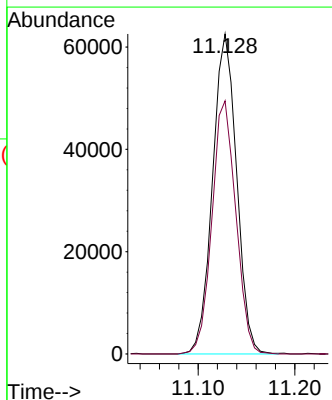
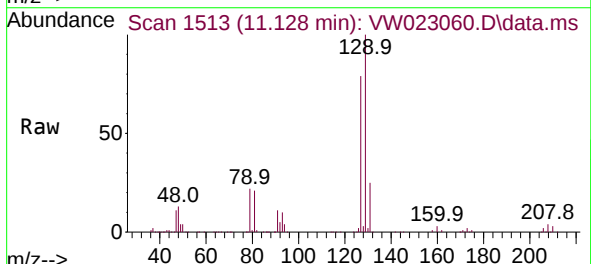
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

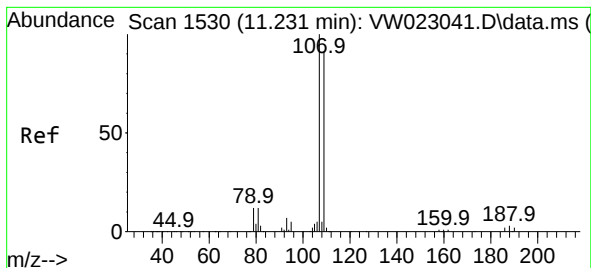
Tgt Ion: 43 Resp: 106240
Ion Ratio Lower Upper
43 100
58 56.9 45.9 68.9
57 20.0 16.2 24.2
100 14.9 10.7 16.1



#49
Dibromochloromethane
Concen: 24.266 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 129 Resp: 108113
Ion Ratio Lower Upper
129 100
127 79.1 53.8 100.0

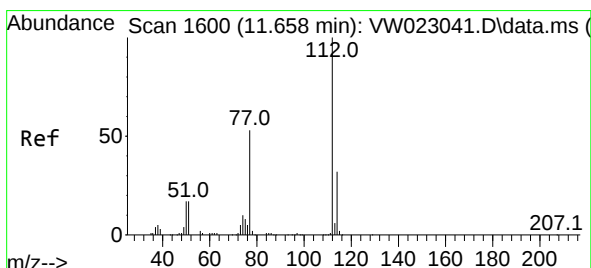
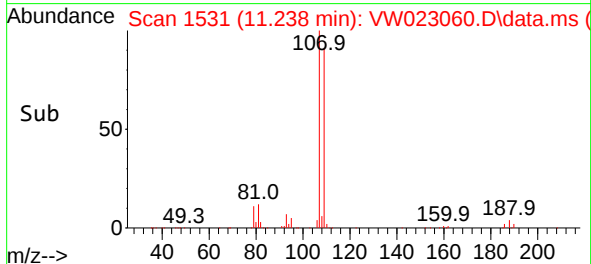
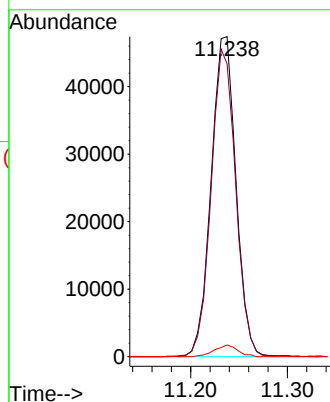
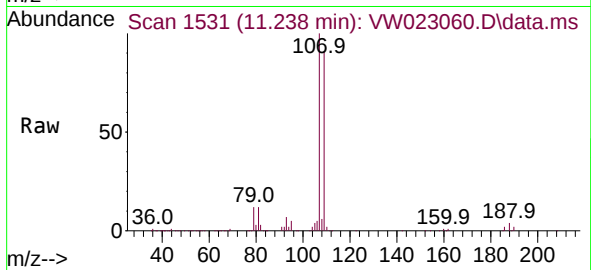




#50
1,2-Dibromoethane
Concen: 22.786 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

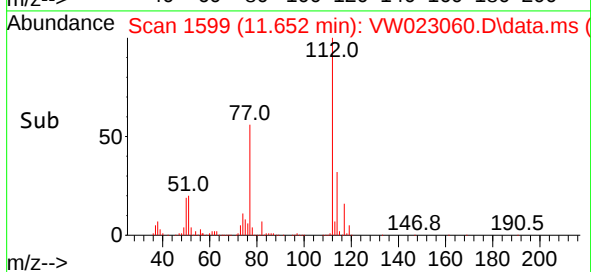
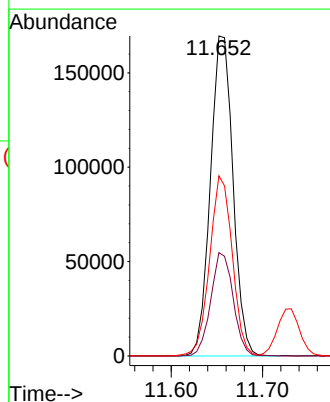
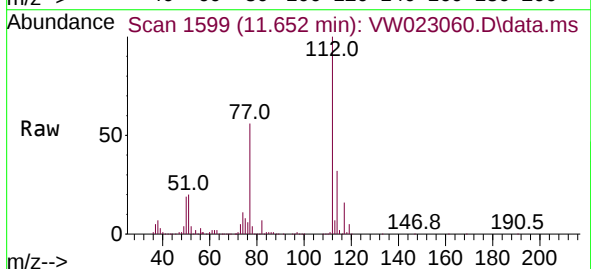
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

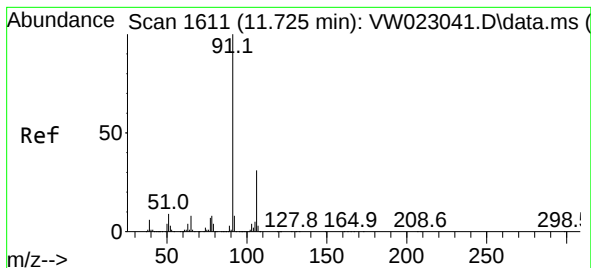
Tgt Ion:107 Resp: 84698
Ion Ratio Lower Upper
107 100
109 91.5 67.5 125.4
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 21.571 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion:112 Resp: 291625
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 56.3 42.6 63.8

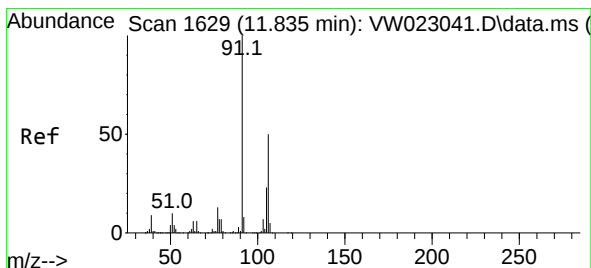
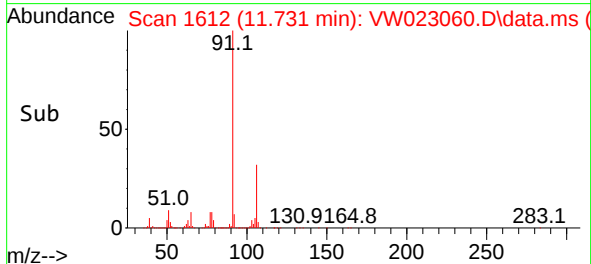
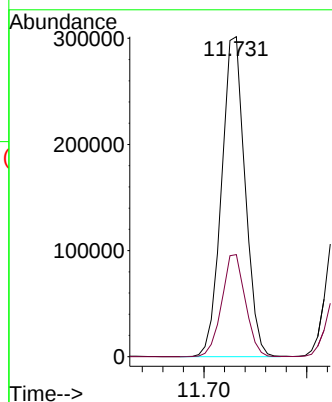
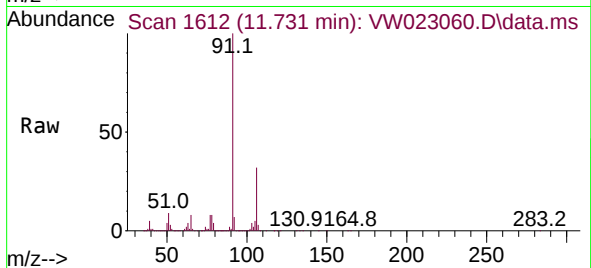




#52
Ethylbenzene
Concen: 20.977 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

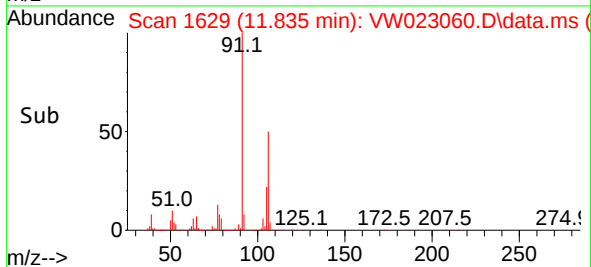
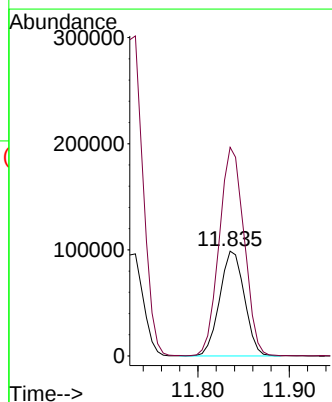
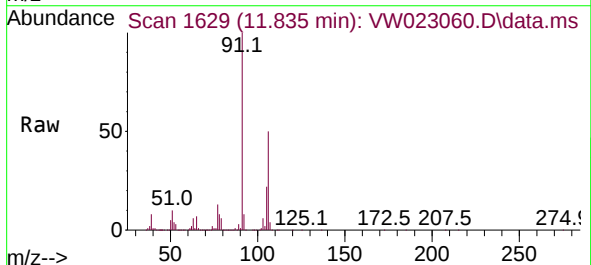
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

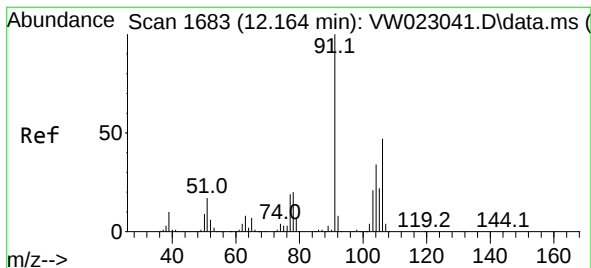
Tgt Ion: 91 Resp: 478577
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3



#53
m,p-Xylene
Concen: 20.669 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion: 106 Resp: 185799
Ion Ratio Lower Upper
106 100
91 199.2 136.8 254.0





#54

o-Xylene

Concen: 21.654 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

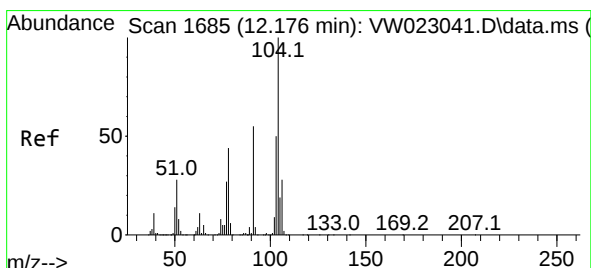
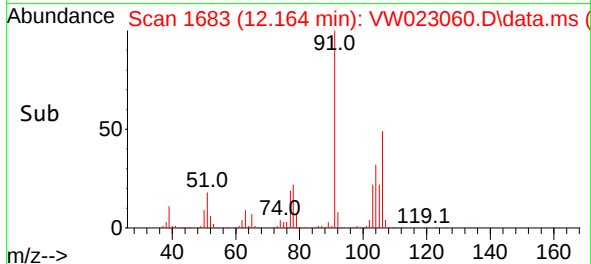
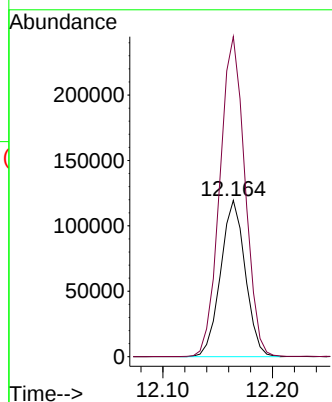
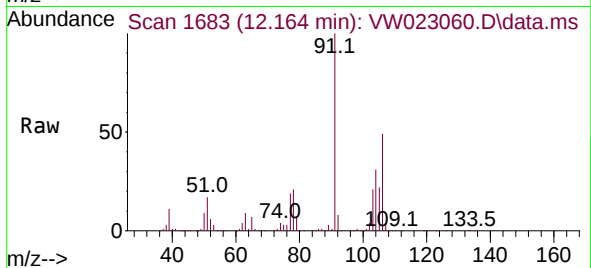
EW4H4MSD

Tgt Ion:106 Resp: 186797

Ion Ratio Lower Upper

106 100

91 204.7 147.2 273.4



#55

Styrene

Concen: 21.804 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW023060.D

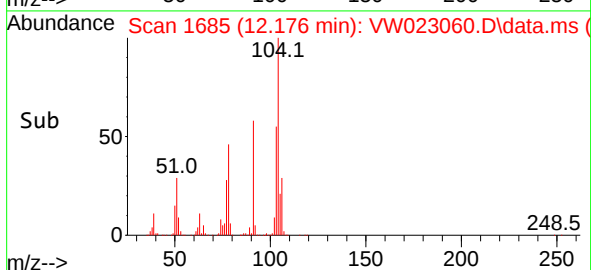
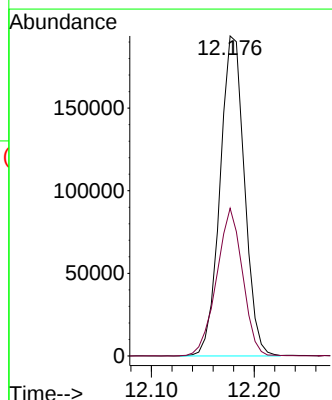
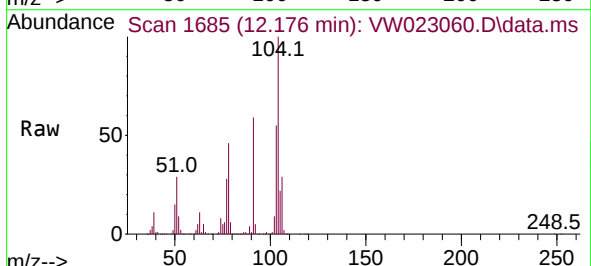
Acq: 16 May 2022 18:00

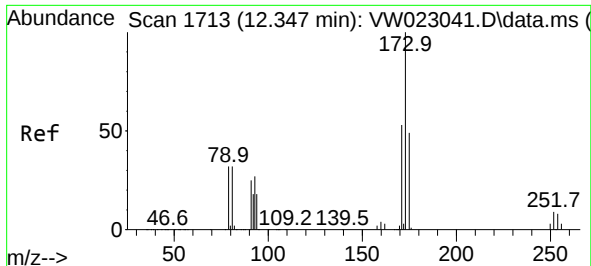
Tgt Ion:104 Resp: 319606

Ion Ratio Lower Upper

104 100

78 46.1 32.3 59.9

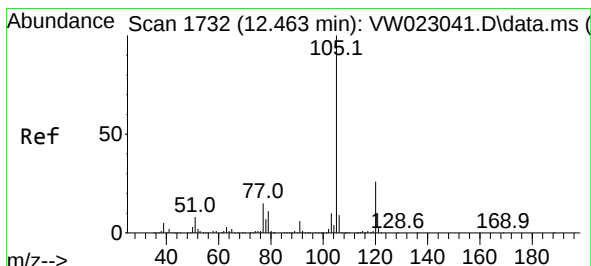
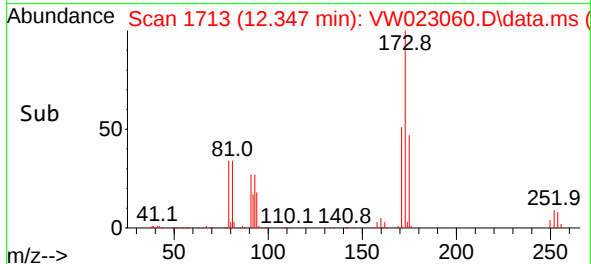
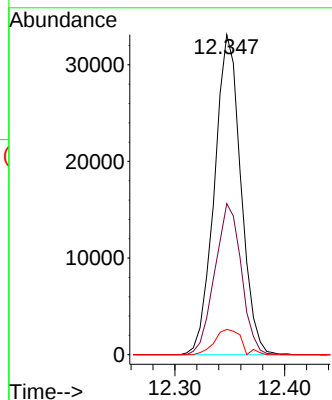
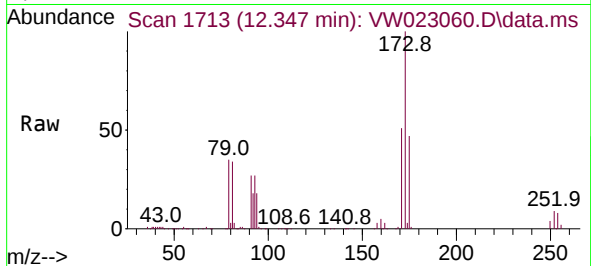




#59
Bromoform
Concen: 28.317 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

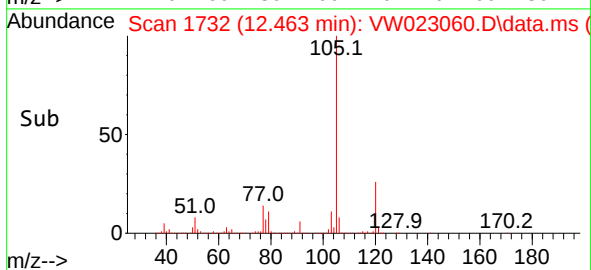
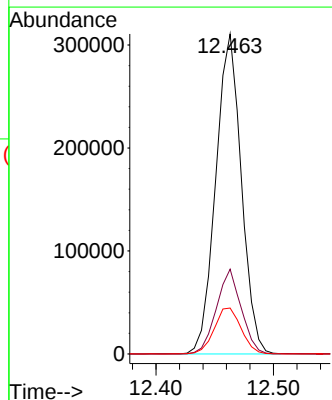
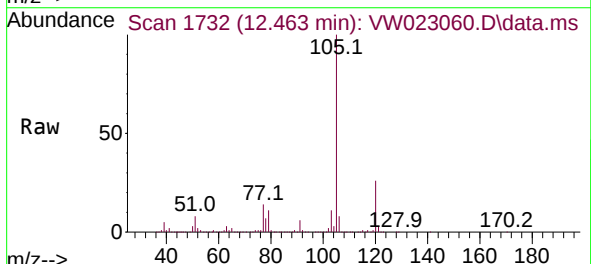
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

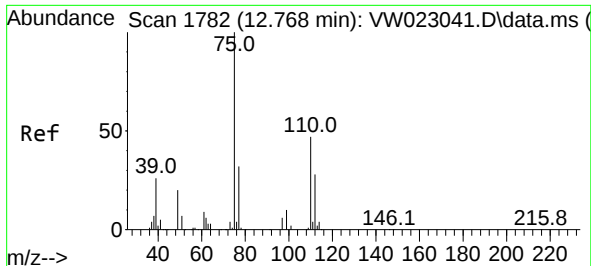
Tgt Ion:173 Resp: 55500
Ion Ratio Lower Upper
173 100
175 47.4 38.1 57.1
254 7.5 6.5 9.7



#60
Isopropylbenzene
Concen: 24.816 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion:105 Resp: 470185
Ion Ratio Lower Upper
105 100
120 25.7 21.3 31.9
77 15.1 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 28.937 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

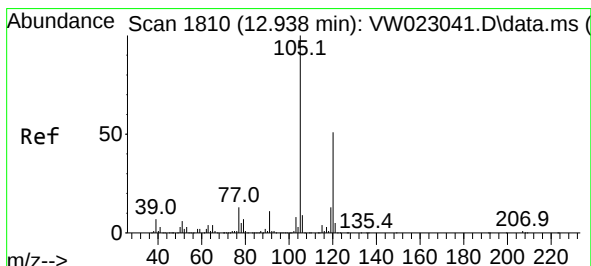
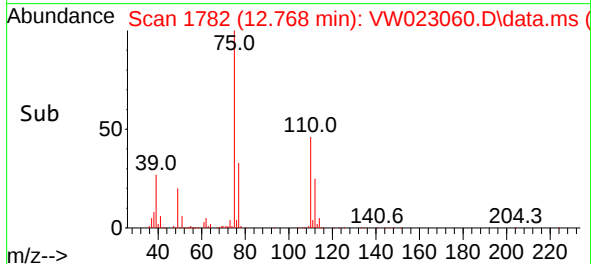
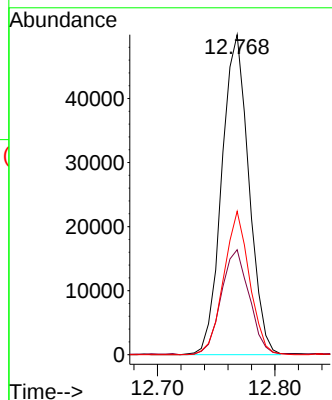
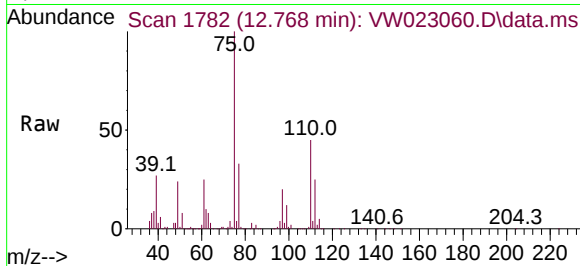
Instrument :

MSVOA_W

ClientSampleId :

EW4H4MSD

Tgt Ion:	75	Resp:	79964
Ion Ratio	Lower	Upper	
75	100		
77	34.1	26.2	39.2
110	42.6	34.1	51.1



#62

1,3,5-Trimethylbenzene

Concen: 22.102 ug/L

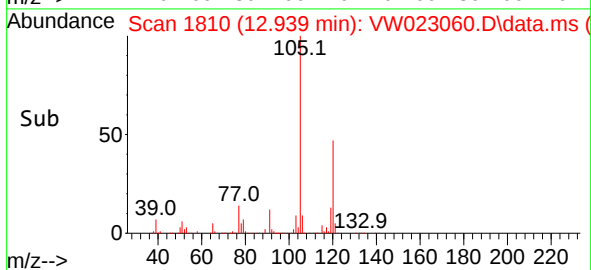
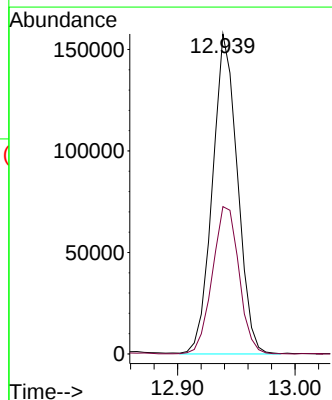
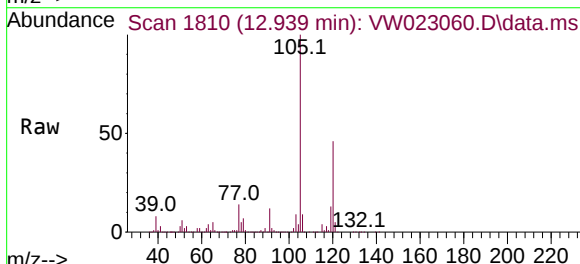
RT: 12.939 min Scan# 1810

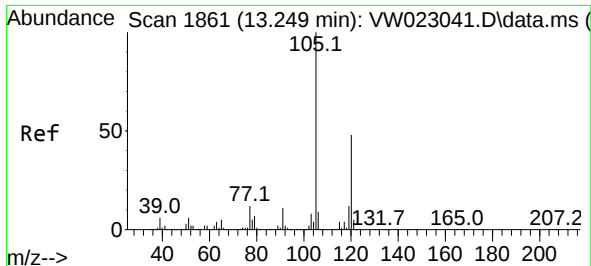
Delta R.T. 0.000 min

Lab File: VW023060.D

Acq: 16 May 2022 18:00

Tgt Ion:	105	Resp:	232969
Ion Ratio	Lower	Upper	
105	100		
120	49.1	38.9	58.3

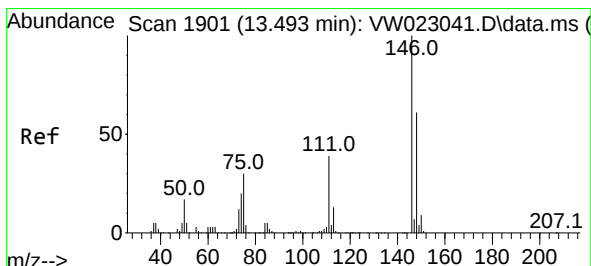
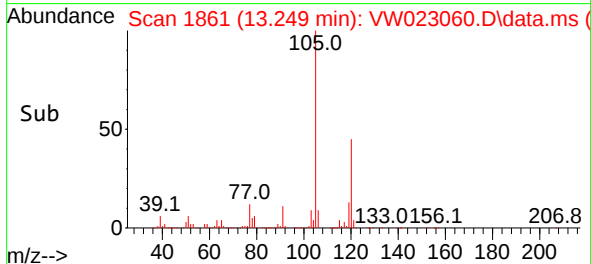
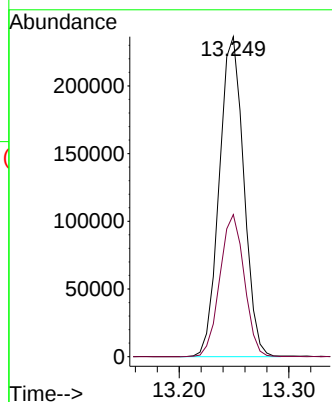
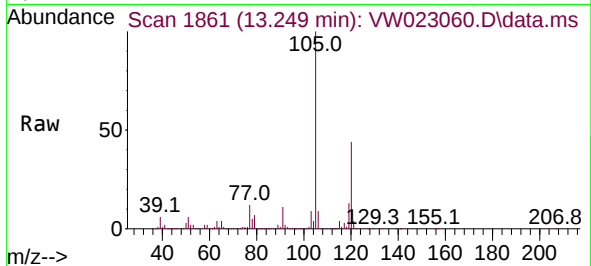




#63
 1,2,4-Trimethylbenzene
 Concen: 23.194 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

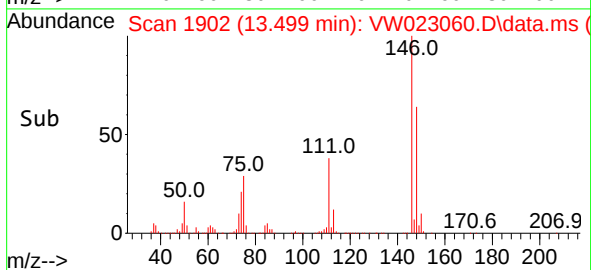
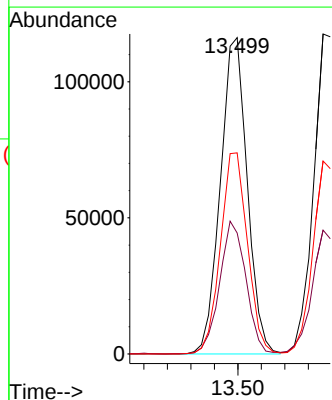
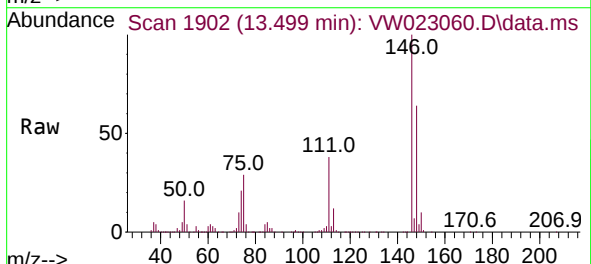
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MSD

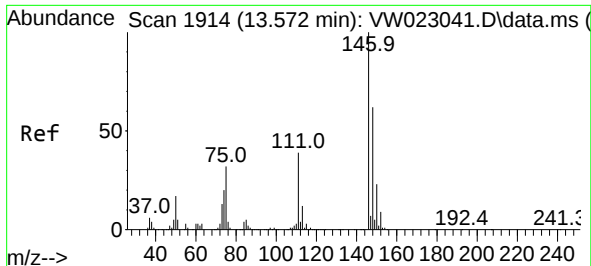
Tgt Ion:105 Resp: 367099
 Ion Ratio Lower Upper
 105 100
 120 44.1 37.4 56.2



#64
 1,3-Dichlorobenzene
 Concen: 21.848 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

Tgt Ion:146 Resp: 184814
 Ion Ratio Lower Upper
 146 100
 111 38.2 29.5 54.9
 148 63.6 48.6 90.2

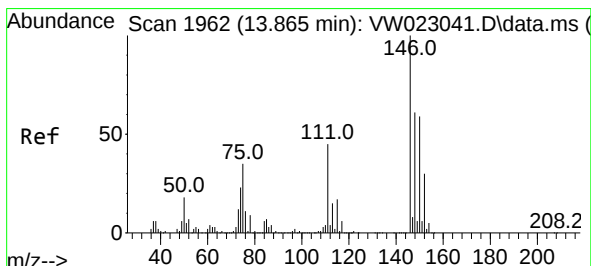
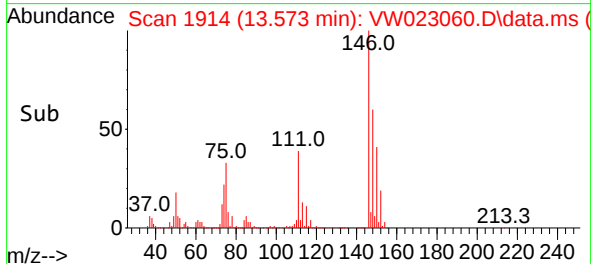
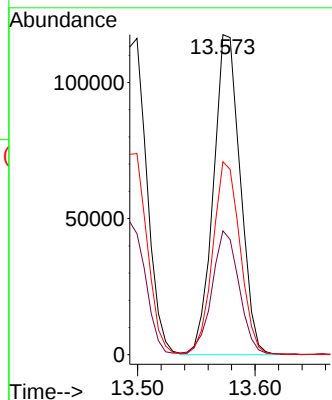
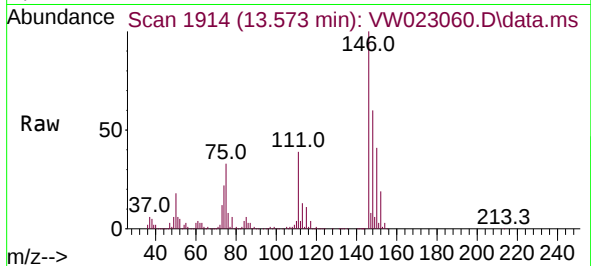




#65
1,4-Dichlorobenzene
Concen: 21.347 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

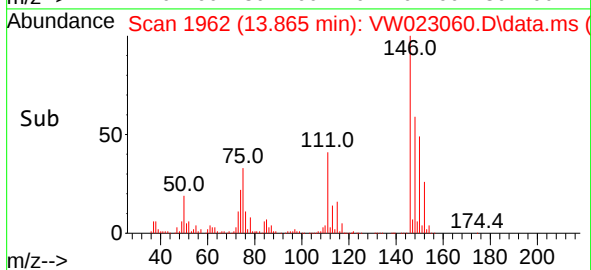
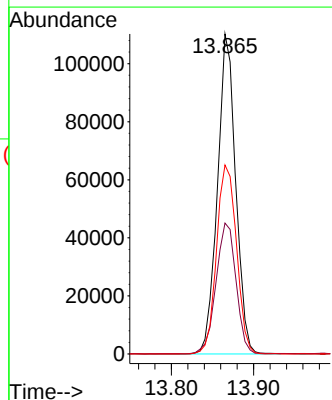
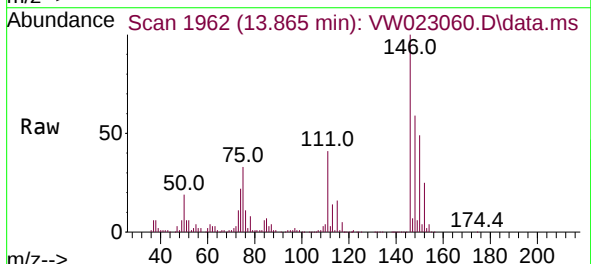
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

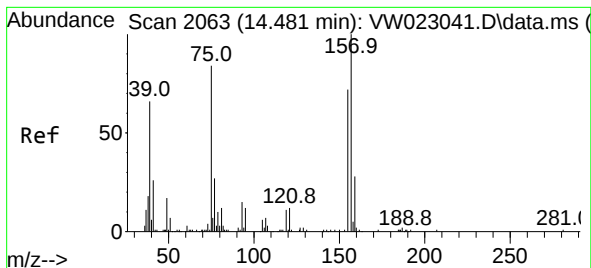
Tgt Ion:146 Resp: 186522
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 60.3 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 21.980 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion:146 Resp: 170142
Ion Ratio Lower Upper
146 100
111 40.9 35.7 53.5
148 59.0 52.6 79.0

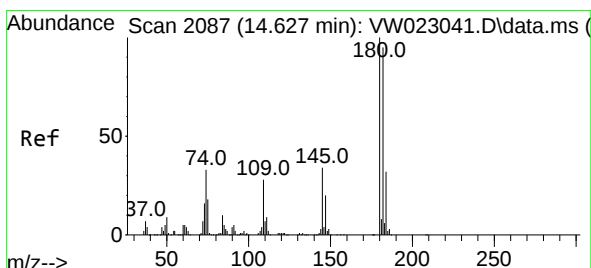
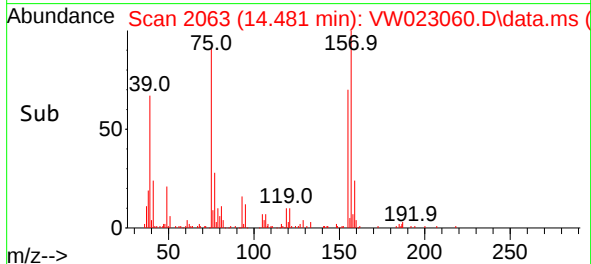
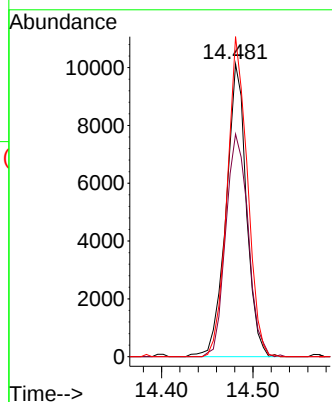
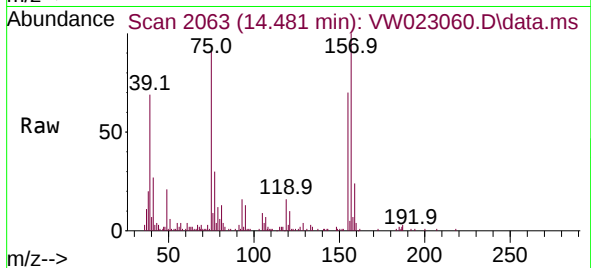




#68
1,2-Dibromo-3-chloropropane
Concen: 25.905 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

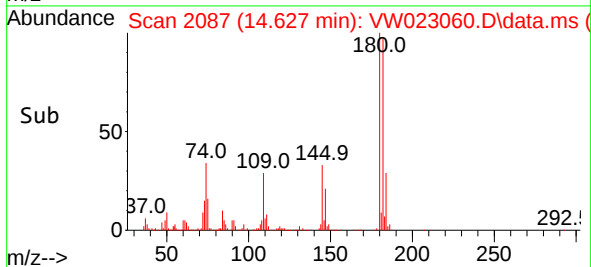
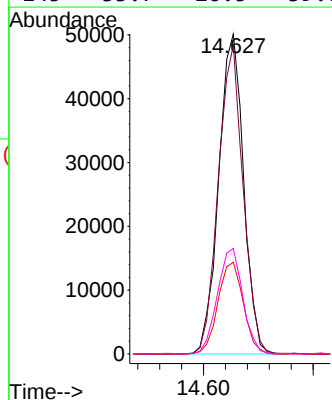
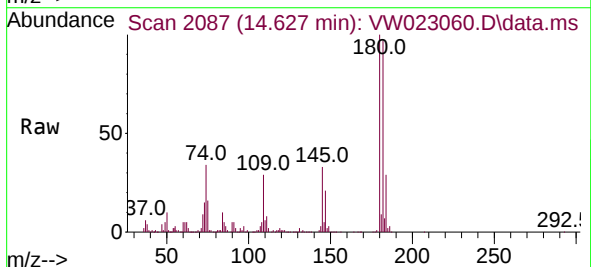
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

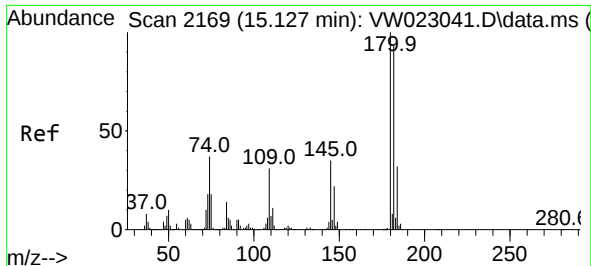
Tgt Ion: 75 Resp: 15645
Ion Ratio Lower Upper
75 100
155 76.0 59.3 88.9
157 109.3 89.8 134.8



#69
1,3,5-Trichlorobenzene
Concen: 14.024 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion:180 Resp: 78746
Ion Ratio Lower Upper
180 100
182 96.2 74.8 112.2
184 29.2 23.4 35.2
145 33.7 26.5 39.7

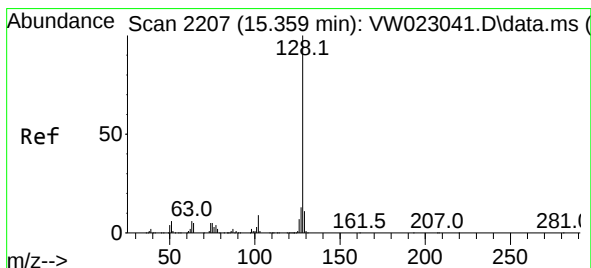
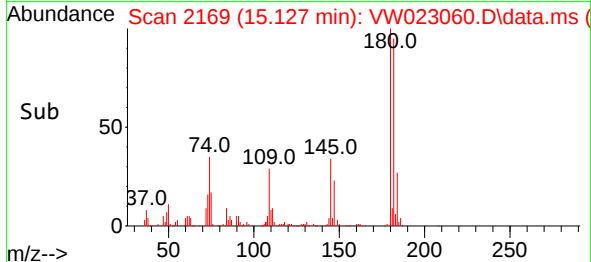
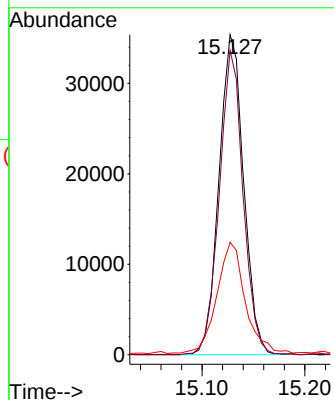
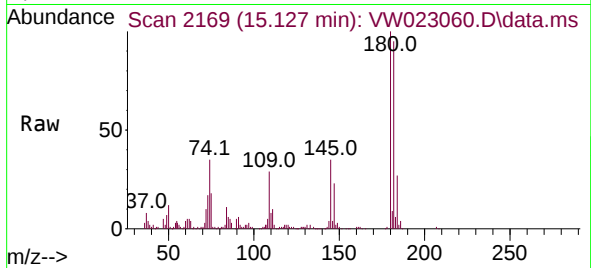




#70
1,2,4-trichlorobenzene
Concen: 13.006 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

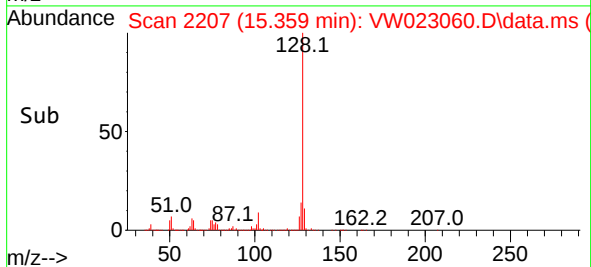
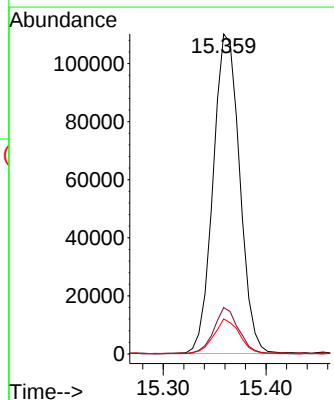
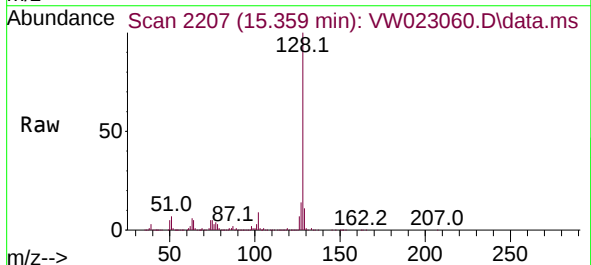
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MSD

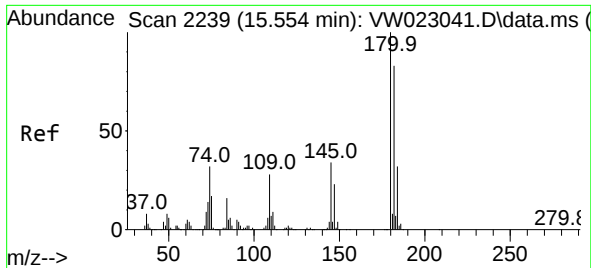
Tgt Ion:180 Resp: 58746
Ion Ratio Lower Upper
180 100
182 92.2 74.9 112.3
145 40.8 26.6 39.8#



#71
Naphthalene
Concen: 20.110 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023060.D
Acq: 16 May 2022 18:00

Tgt Ion:128 Resp: 197423
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.4 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 12.593 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023060.D
 Acq: 16 May 2022 18:00

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MSD

Tgt Ion:180 Resp: 50412
 Ion Ratio Lower Upper
 180 100
 182 95.7 73.5 110.3
 145 43.0 27.9 41.9#

