

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020238.D
 Acq On : 29 Sep 2021 17:21
 Operator : SY/VA
 Sample : M3973-19MS
 Misc : 4.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y4MS

Quant Time: Sep 30 01:05:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 00:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	251642	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	219205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	96788	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	108089	20.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.898	69	94524	24.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	4.025	63	162268	20.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.520%
21) 2-Butanone-d5	7.086	46	23619	29.731	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.460%
24) Chloroform-d	7.653	84	179275	22.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	8.311	65	82667	19.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.640%
32) Benzene-d6	8.281	84	324822	23.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.274	67	90406	22.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.323	98	292180	22.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.579	79	33773	19.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.080%
47) 2-Hexanone-d5	10.927	63	18491	33.014	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.020%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	58194	18.640	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	77348	21.312	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	50206	22.779	ug/L	95
3) Chloromethane	2.221	50	77341	25.377	ug/L	99
5) Vinyl chloride	2.367	62	135616	28.338	ug/L	98
6) Bromomethane	2.788	94	90169	29.145	ug/L	100
8) Chloroethane	2.934	64	84581	29.226	ug/L	98
9) Trichlorofluoromethane	3.269	101	89786	26.666	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	87612	23.802	ug/L	98
12) 1,1-Dichloroethene	4.044	96	79830	23.922	ug/L	91
13) Acetone	4.141	43	24051	35.350	ug/L	95
14) Carbon disulfide	4.385	76	249486	23.772	ug/L	100
15) Methyl Acetate	4.672	43	19570	15.041	ug/L	98
16) Methylene chloride	4.922	84	82651	18.614	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	84175	23.943	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	84959	20.357	ug/L	98
19) 1,1-Dichloroethane	6.220	63	155874	24.038	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	82357	23.034	ug/L	98
22) 2-Butanone	7.177	43	26990	30.577	ug/L	98
23) Bromochloromethane	7.519	128	34773	21.455	ug/L	93
25) Chloroform	7.677	83	164297	24.229	ug/L	100

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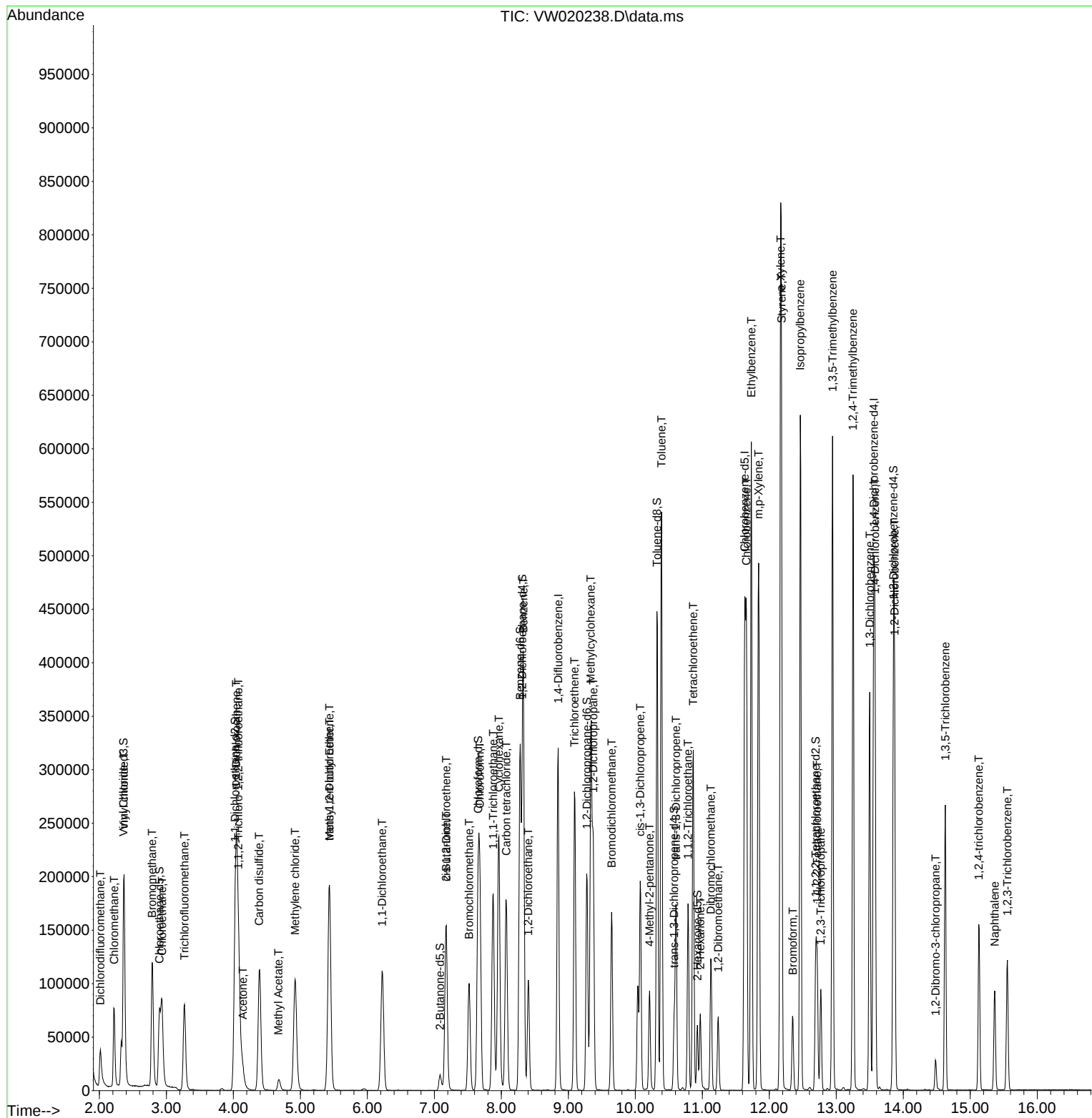
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	94422	21.159	ug/L	99
29) Cyclohexane	7.964	56	119450	24.489	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	147033	27.069	ug/L	99
31) Carbon tetrachloride	8.073	117	132928	26.897	ug/L	100
33) Benzene	8.329	78	353414	26.715	ug/L	100
34) Trichloroethene	9.092	95	95945	27.092	ug/L	97
35) Methylcyclohexane	9.335	83	128412	22.254	ug/L	97
37) 1,2-Dichloropropane	9.372	63	81779	24.957	ug/L	99
38) Bromodichloromethane	9.646	83	108975	24.559	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	109984	22.757	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	56605	34.300	ug/L	100
42) Toluene	10.390	91	381246	27.125	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	94737	21.823	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	50552	21.040	ug/L	98
46) Tetrachloroethene	10.866	164	67689	24.729	ug/L	95
48) 2-Hexanone	10.969	43	42371	36.858	ug/L	98
49) Dibromochloromethane	11.128	129	62898	22.403	ug/L	95
50) 1,2-Dibromoethane	11.237	107	43731	19.340	ug/L #	98
51) Chlorobenzene	11.658	112	215828	23.610	ug/L	95
52) Ethylbenzene	11.731	91	392790	25.373	ug/L	99
53) m,p-Xylene	11.841	106	152498	25.839	ug/L	93
54) o-Xylene	12.170	106	141355	25.892	ug/L	98
55) Styrene	12.182	104	240369	25.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	52616	18.335	ug/L	96
59) Bromoform	12.353	173	31282	23.705	ug/L	96
60) Isopropylbenzene	12.463	105	381206	29.374	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	37305	20.412	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	295081	27.706	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	288678	27.592	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	139990	23.522	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	144486	23.492	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	121143	22.349	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	7648	18.642	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	76504	18.585	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	45942	14.461	ug/L	93
71) Naphthalene	15.365	128	76916	13.728	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	37588	13.140	ug/L	99

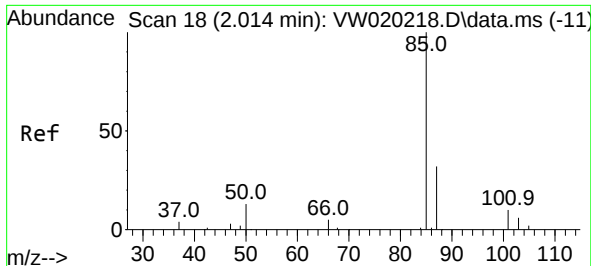
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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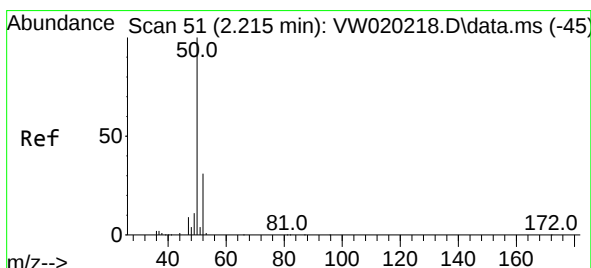
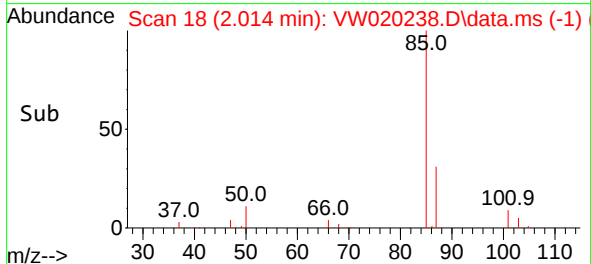
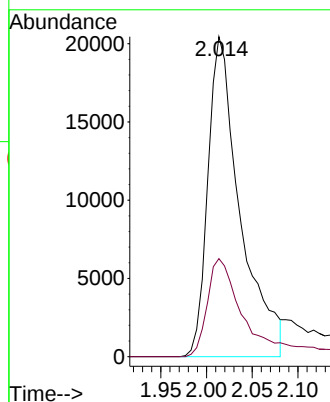
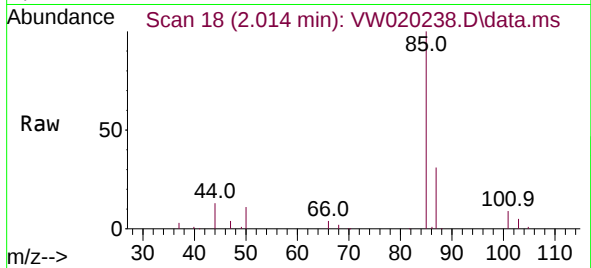




#2
Dichlorodifluoromethane
Concen: 22.779 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

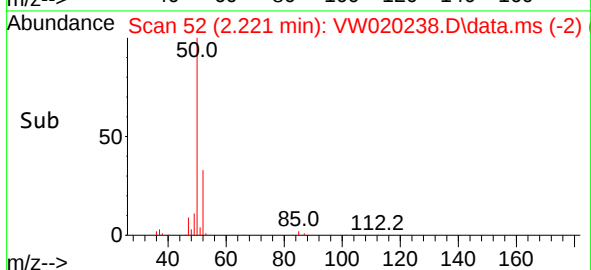
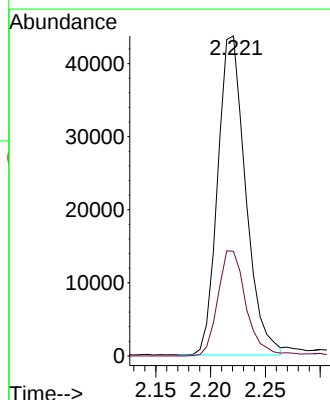
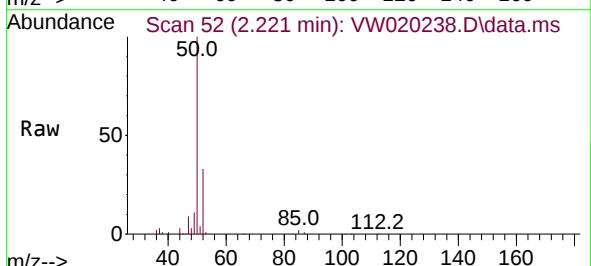
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MSVOA_W
ClientSampleId :
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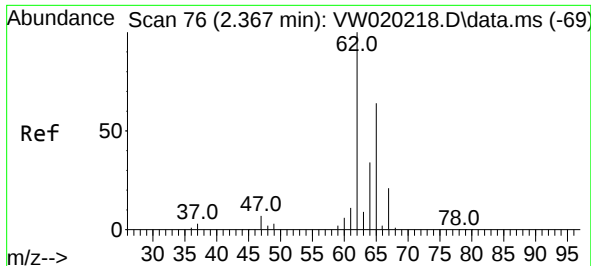
Tgt Ion: 85 Resp: 50206
Ion Ratio Lower Upper
85 100
87 35.7 26.3 39.5



#3
Chloromethane
Concen: 25.377 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 50 Resp: 77341
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

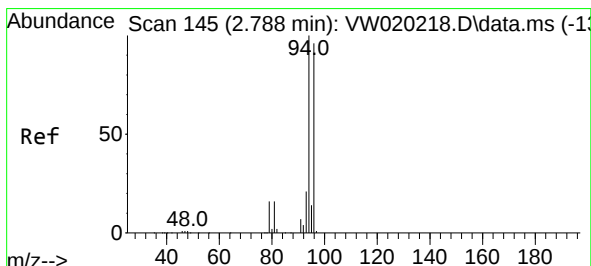
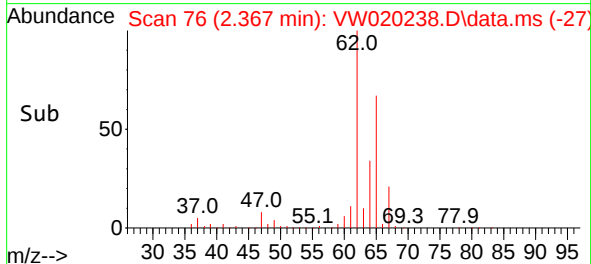
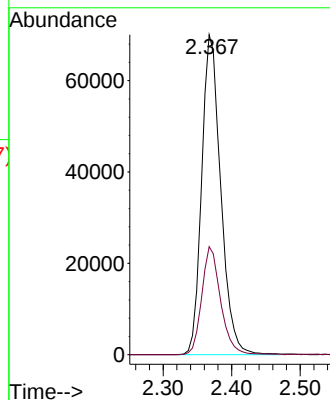
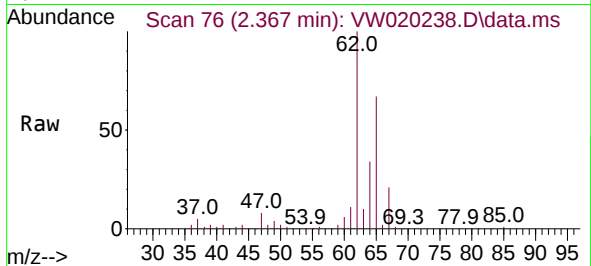




#5
 Vinyl chloride
 Concen: 28.338 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW020238.D
 Acq: 29 Sep 2021 17:21

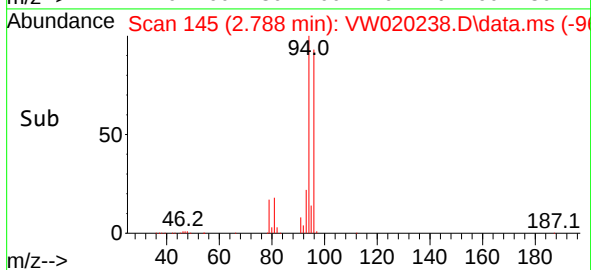
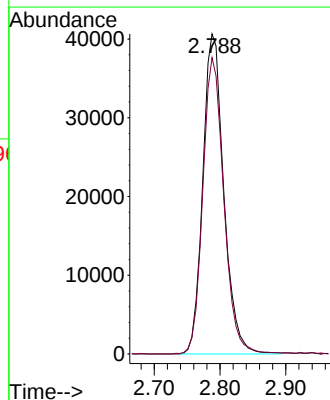
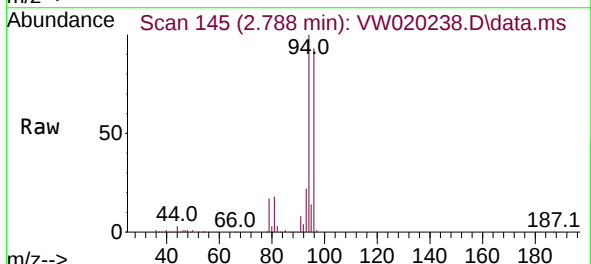
Instrument :
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 ClientSampleId :
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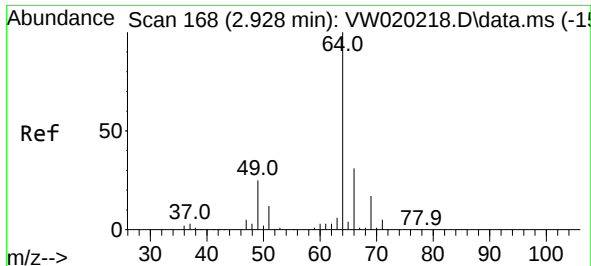
Tgt Ion: 62 Resp: 135616
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.5 45.5



#6
 Bromomethane
 Concen: 29.145 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW020238.D
 Acq: 29 Sep 2021 17:21

Tgt Ion: 94 Resp: 90169
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.8 120.3

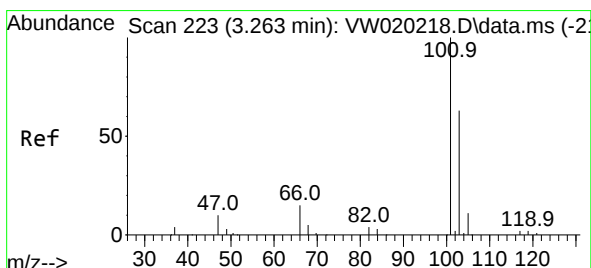
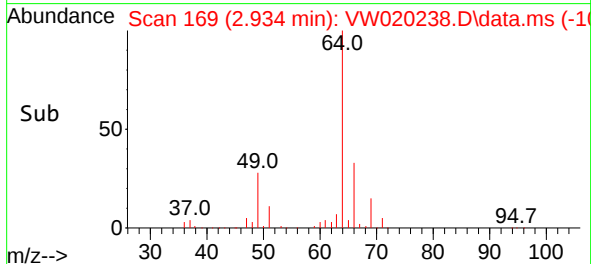
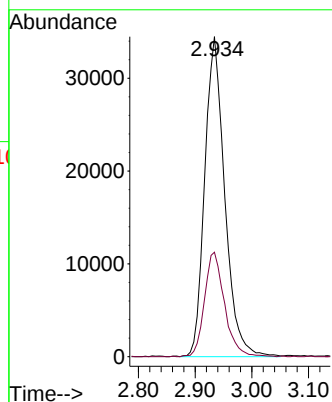
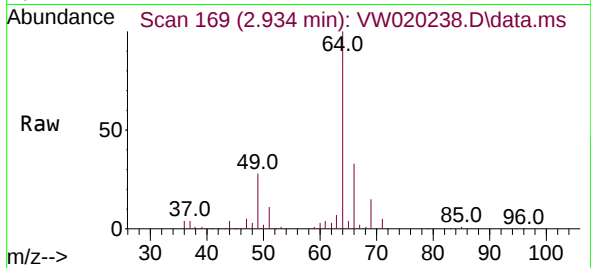




#8
Chloroethane
Concen: 29.226 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

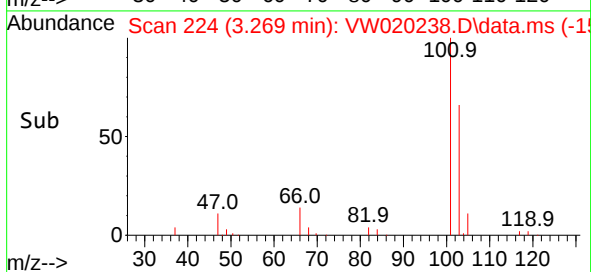
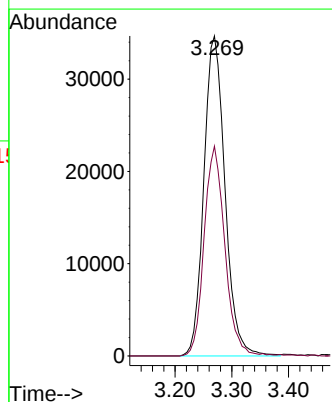
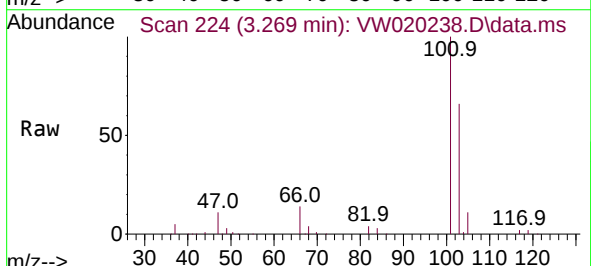
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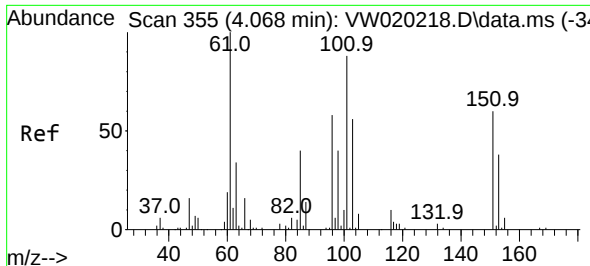
Tgt Ion: 64 Resp: 84581
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.666 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 101 Resp: 89786
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9

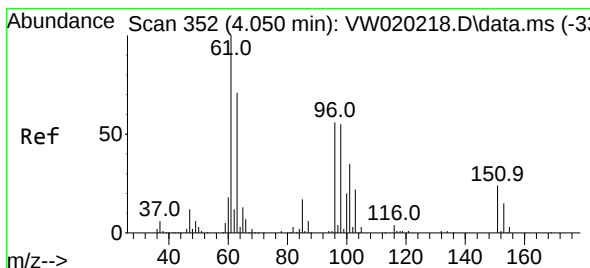
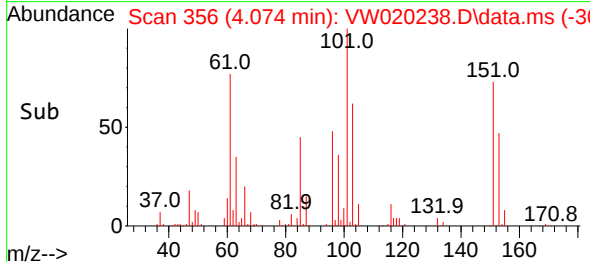
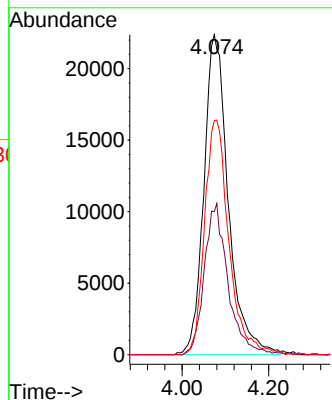
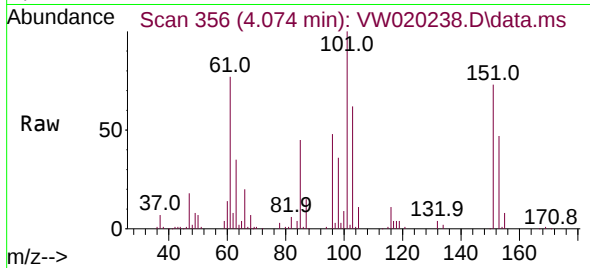




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.802 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW020238.D
 Acq: 29 Sep 2021 17:21

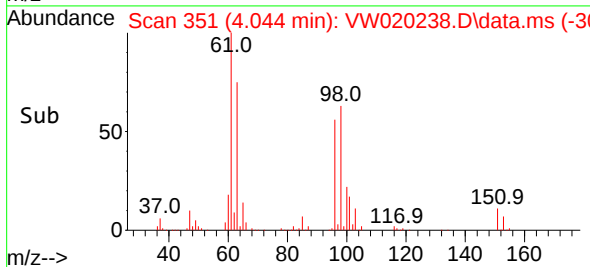
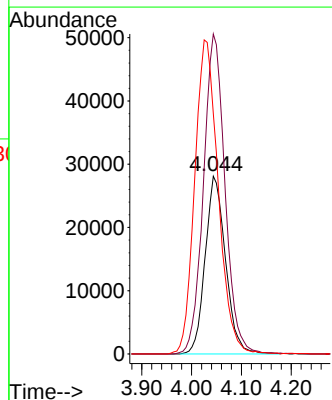
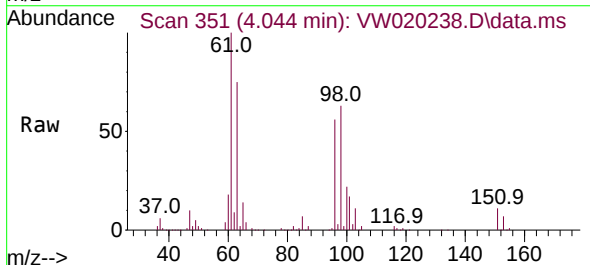
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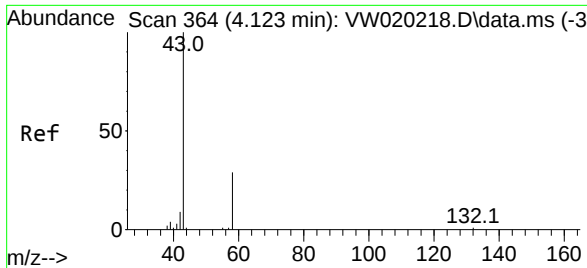
Tgt Ion:101 Resp: 87612
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.4 53.0
 151 72.1 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 23.922 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW020238.D
 Acq: 29 Sep 2021 17:21

Tgt Ion: 96 Resp: 79830
 Ion Ratio Lower Upper
 96 100
 61 180.0 126.1 234.3
 63 135.1 112.6 209.0

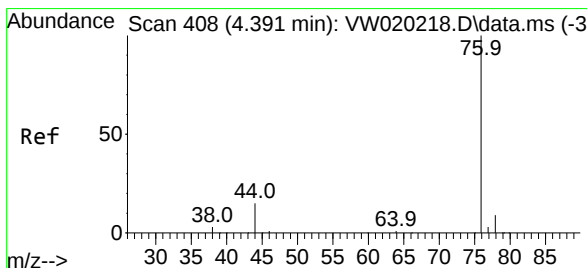
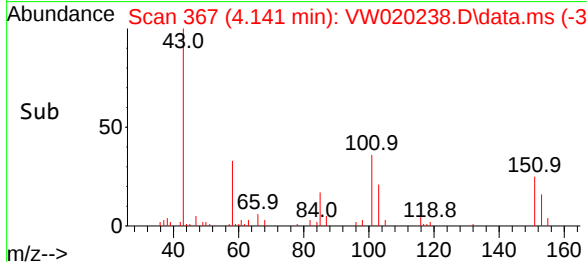
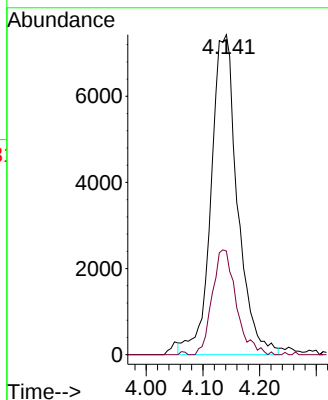
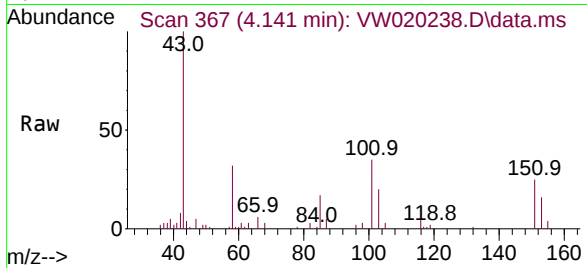




#13
Acetone
Concen: 35.350 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020238.D
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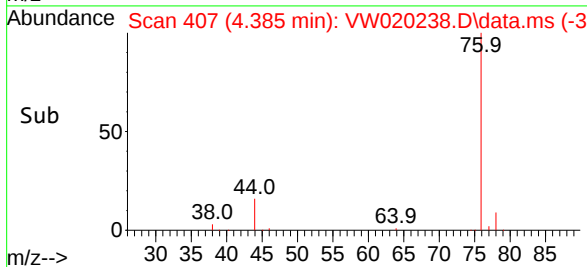
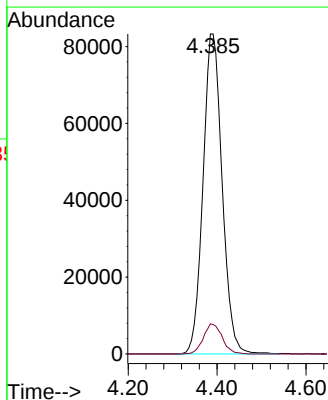
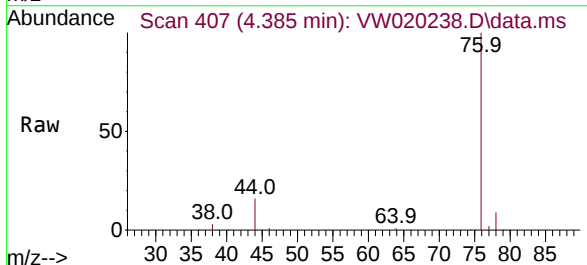
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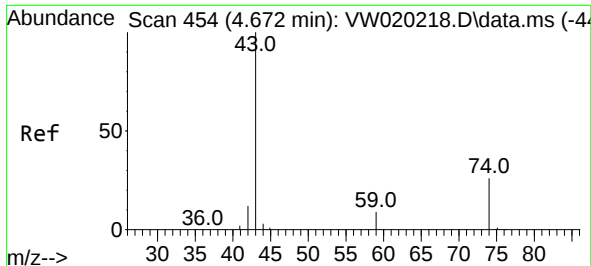
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Ion Ratio Lower Upper
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58 28.1 0.0 61.6



#14
Carbon disulfide
Concen: 23.772 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 76 Resp: 249486
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

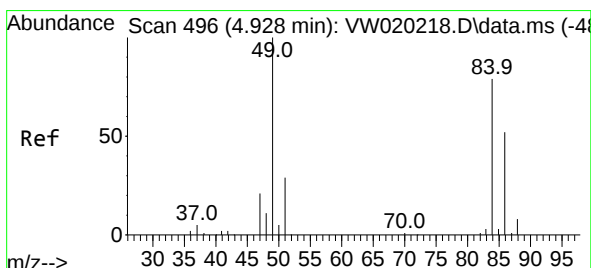
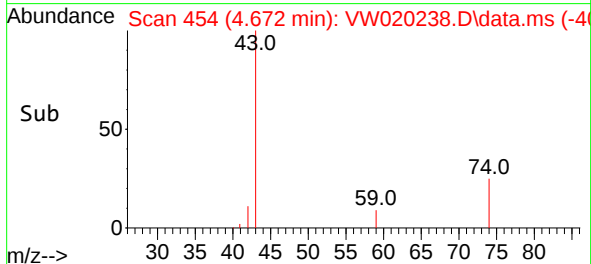
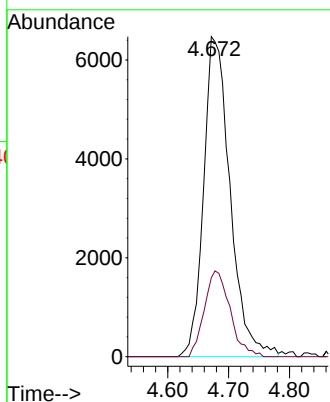
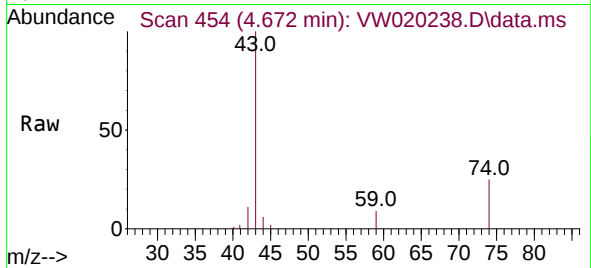




#15
Methyl Acetate
Concen: 15.041 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

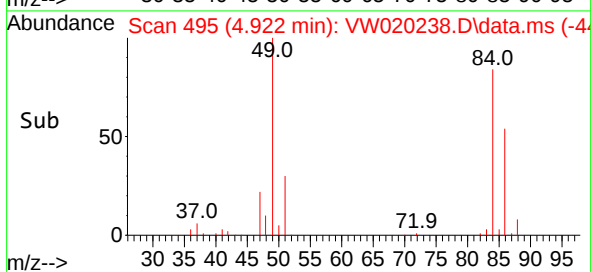
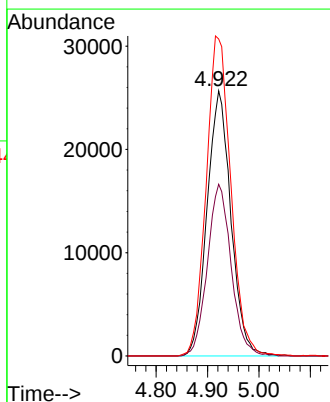
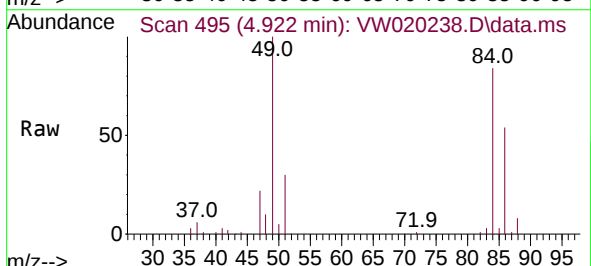
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

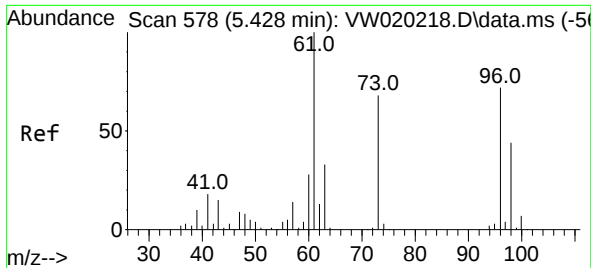
Tgt Ion: 43 Resp: 19570
Ion Ratio Lower Upper
43 100
74 26.0 20.0 30.0



#16
Methylene chloride
Concen: 18.614 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 84 Resp: 82651
Ion Ratio Lower Upper
84 100
86 64.7 42.6 79.0
49 119.6 83.4 154.8

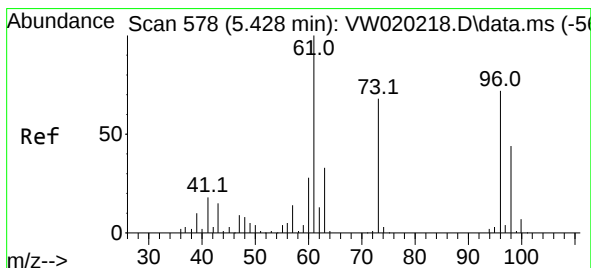
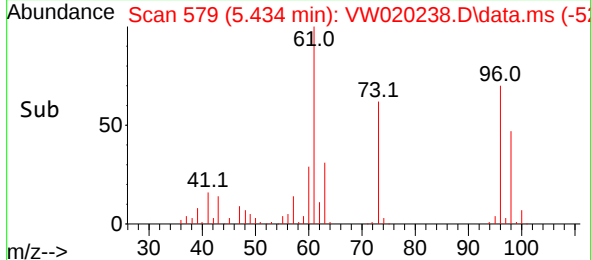
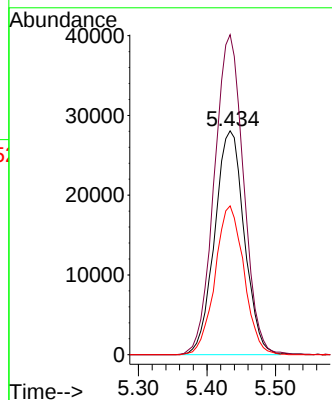
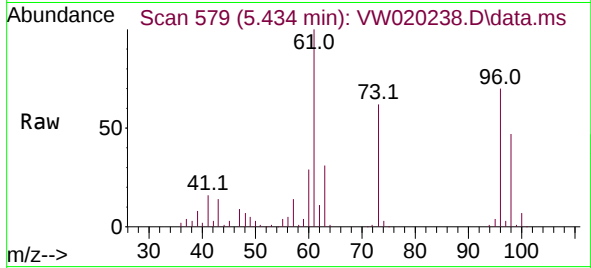




#17
trans-1,2-Dichloroethene
Concen: 23.943 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

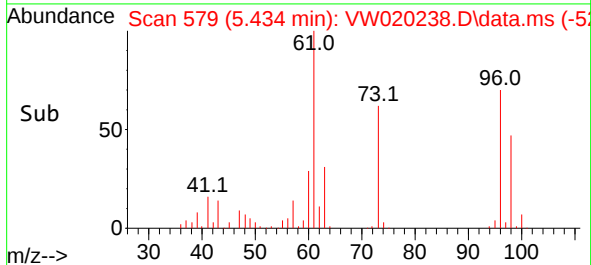
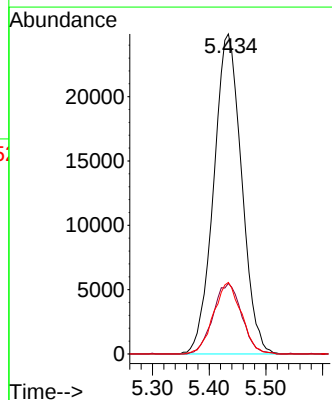
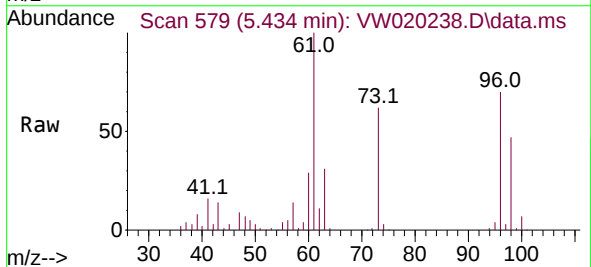
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

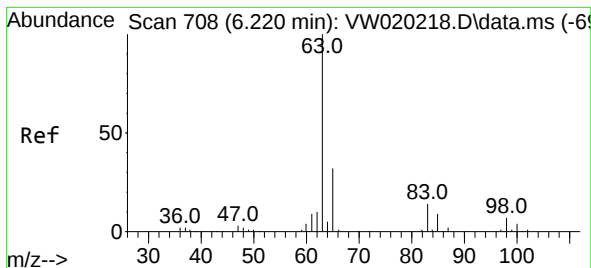
Tgt Ion:	96	Resp:	84175
Ion	Ratio	Lower	Upper
96	100		
61	143.0	98.3	182.5
98	66.5	46.6	86.6



#18
Methyl tert-butyl Ether
Concen: 20.357 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion:	73	Resp:	84959
Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.4	26.0
57	22.3	17.4	26.0





#19

1,1-Dichloroethane

Concen: 24.038 ug/L

RT: 6.220 min Scan# 708

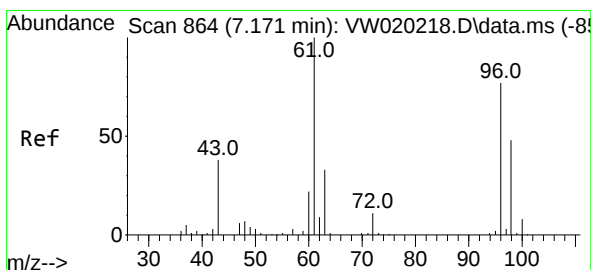
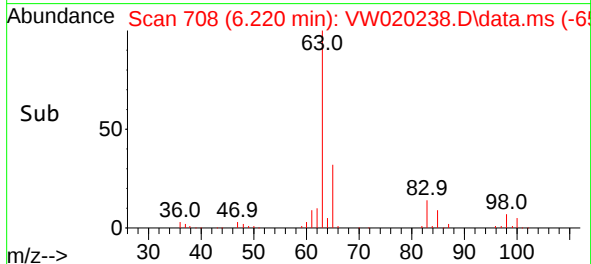
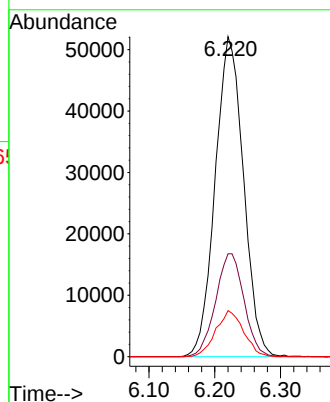
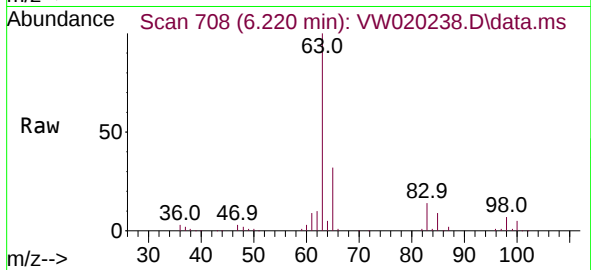
Delta R.T. 0.000 min

Lab File: VW020238.D

Acq: 29 Sep 2021 17:21

Tgt Ion: 63 Resp: 155874

Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.1	42.9
83	14.4	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 23.034 ug/L

RT: 7.177 min Scan# 865

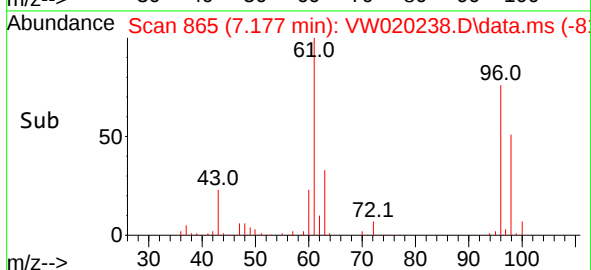
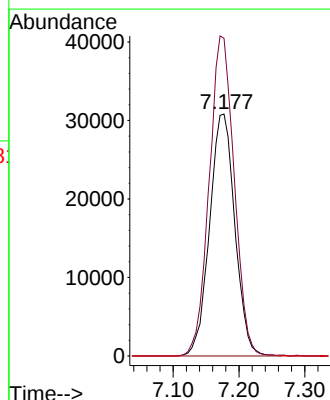
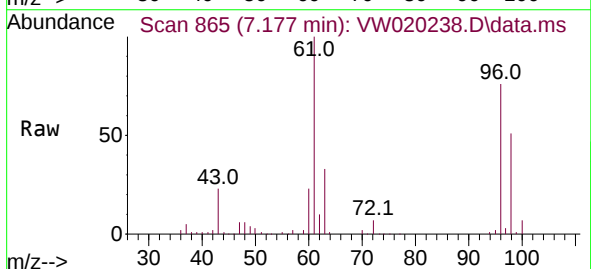
Delta R.T. 0.006 min

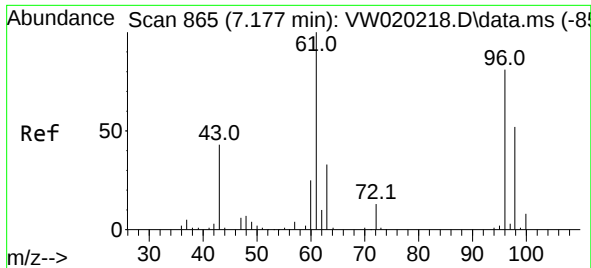
Lab File: VW020238.D

Acq: 29 Sep 2021 17:21

Tgt Ion: 96 Resp: 82357

Ion	Ratio	Lower	Upper
96	100		
61	131.3	89.9	167.0
68	0.0	0.0	0.0

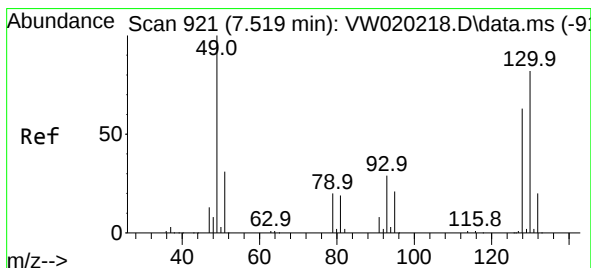
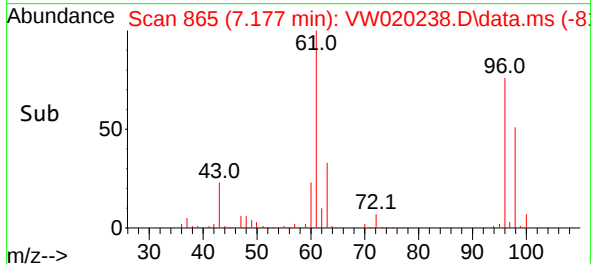
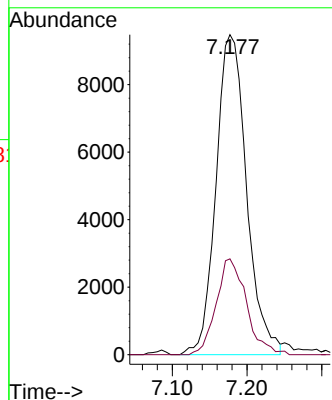
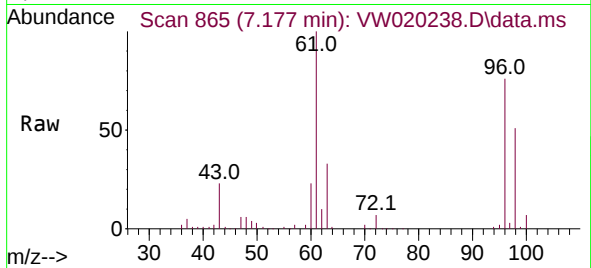




#22
2-Butanone
Concen: 30.577 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

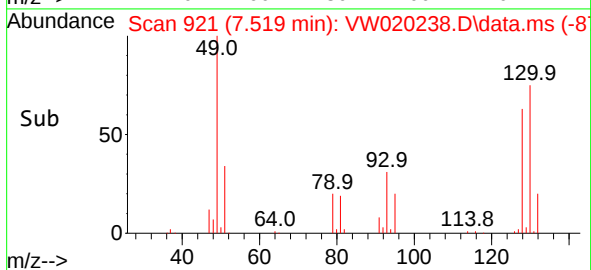
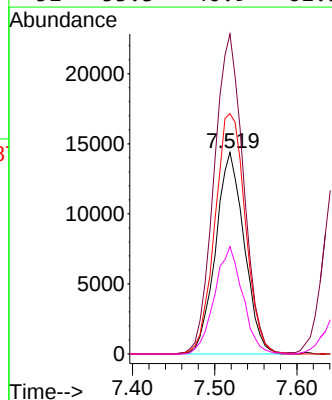
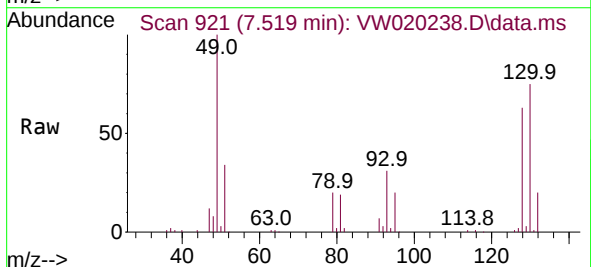
Instrument :
MSVOA_W
ClientSampled :
EW8Y4MS

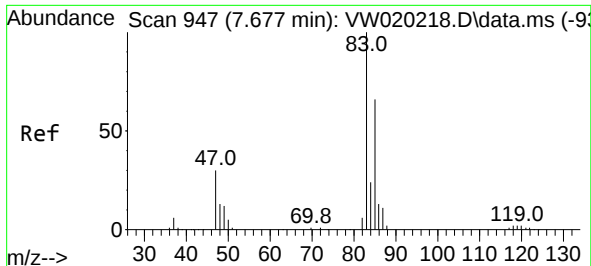
Tgt Ion: 43 Resp: 26990
Ion Ratio Lower Upper
43 100
72 29.3 14.1 42.2



#23
Bromochloromethane
Concen: 21.455 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 128 Resp: 34773
Ion Ratio Lower Upper
128 100
49 158.7 114.7 213.1
130 119.2 94.2 175.0
51 53.3 40.9 61.3





#25

Chloroform

Concen: 24.229 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020238.D

Acq: 29 Sep 2021 17:21

Tgt Ion: 83 Resp: 164297

Ion Ratio Lower Upper

83 100

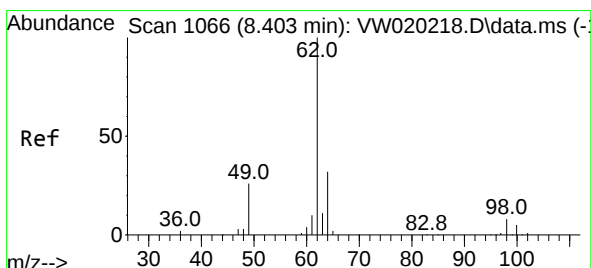
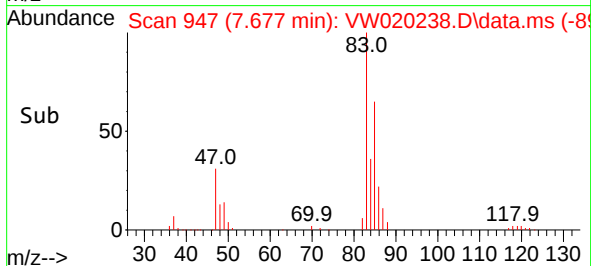
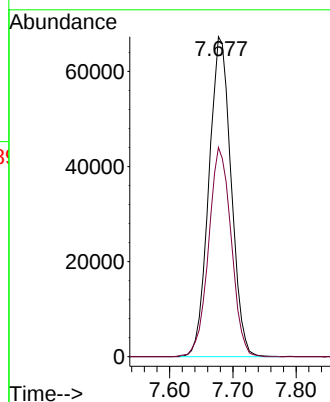
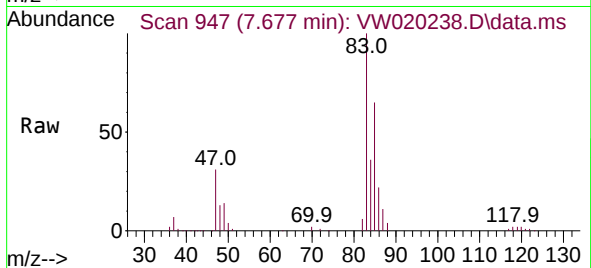
85 65.4 45.6 84.8

Instrument :

MSVOA_W

ClientSampleId :

EW8Y4MS



#27

1,2-Dichloroethane

Concen: 21.159 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW020238.D

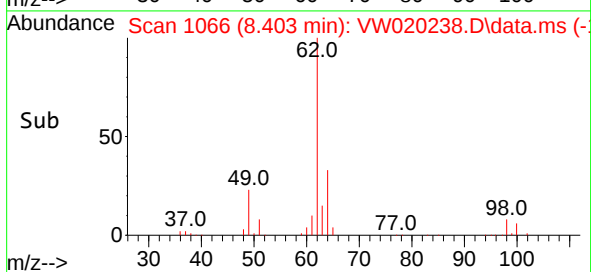
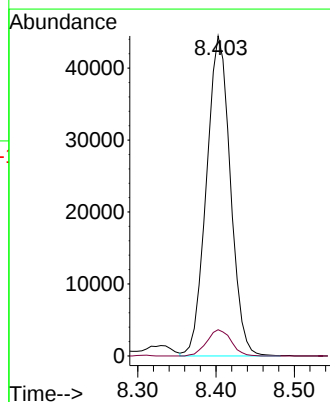
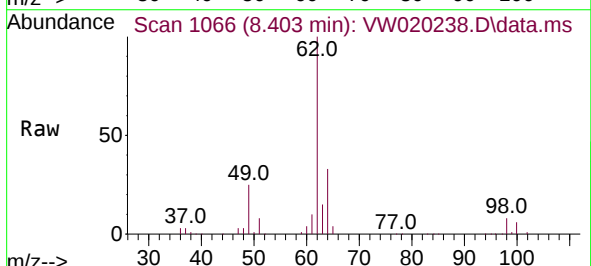
Acq: 29 Sep 2021 17:21

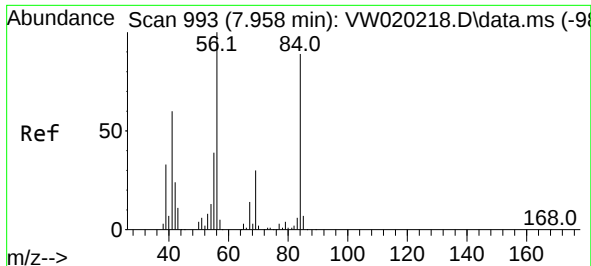
Tgt Ion: 62 Resp: 94422

Ion Ratio Lower Upper

62 100

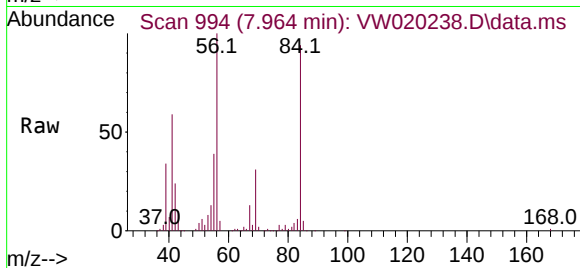
98 8.2 6.9 10.3



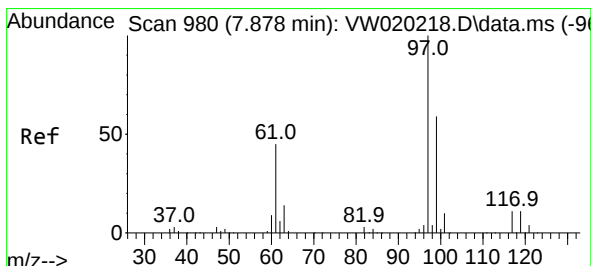
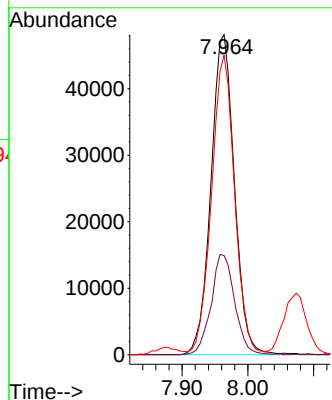
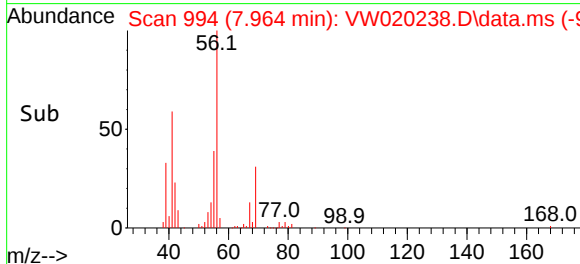


#29
Cyclohexane
Concen: 24.489 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

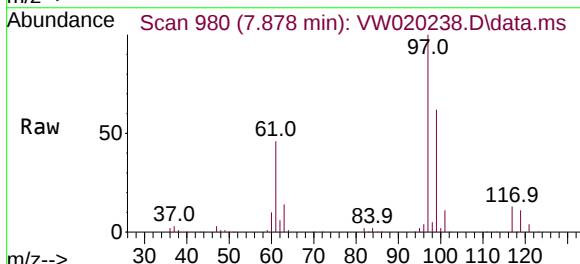
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS



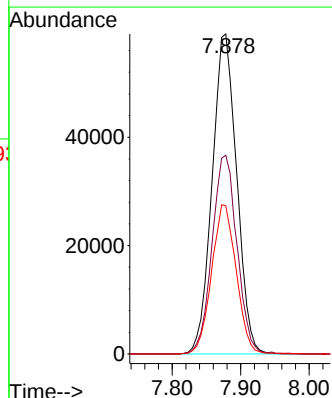
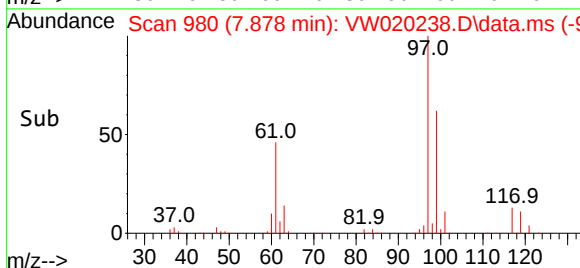
Tgt Ion: 56 Resp: 119450
Ion Ratio Lower Upper
56 100
69 31.4 25.7 38.5
84 92.1 73.4 110.2

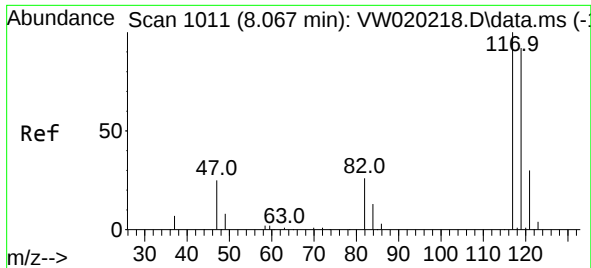


#30
1,1,1-Trichloroethane
Concen: 27.069 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21



Tgt Ion: 97 Resp: 147033
Ion Ratio Lower Upper
97 100
99 62.8 51.4 77.0
61 46.7 37.5 56.3

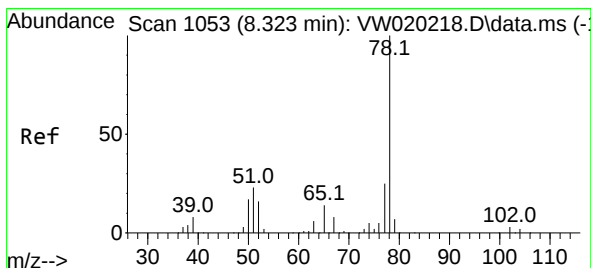
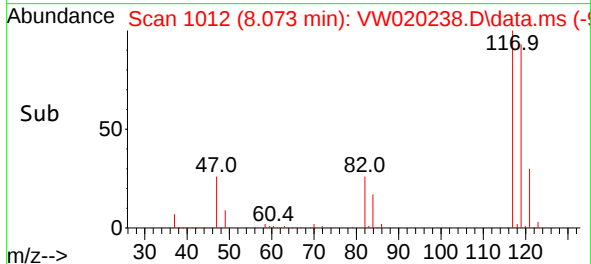
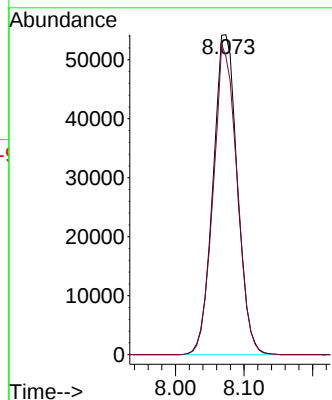
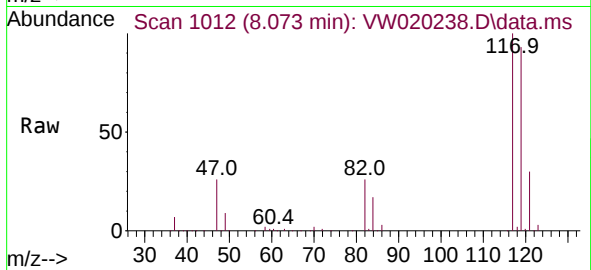




#31
Carbon tetrachloride
Concen: 26.897 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

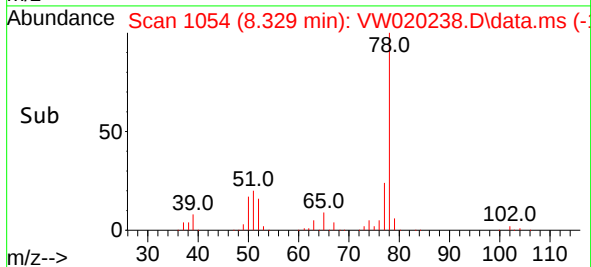
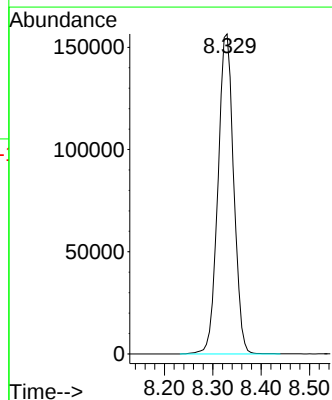
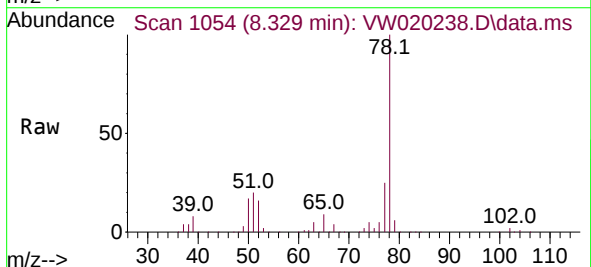
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

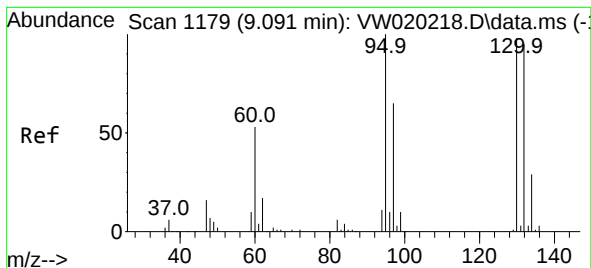
Tgt Ion:117 Resp: 132928
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6



#33
Benzene
Concen: 26.715 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 78 Resp: 353414

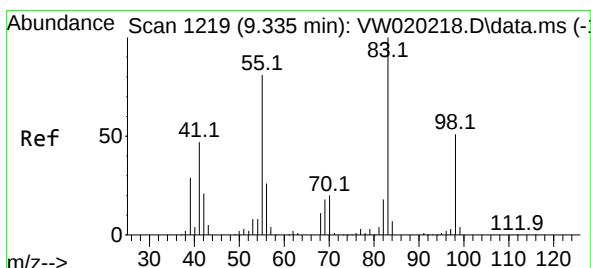
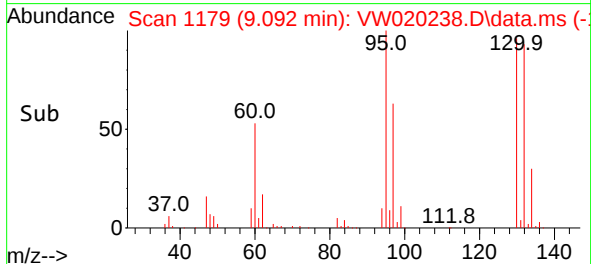
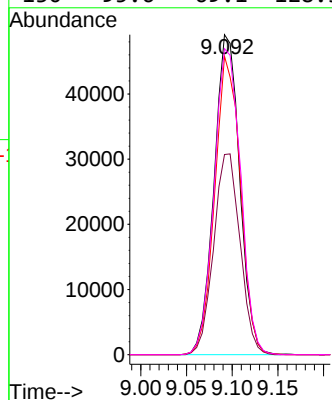
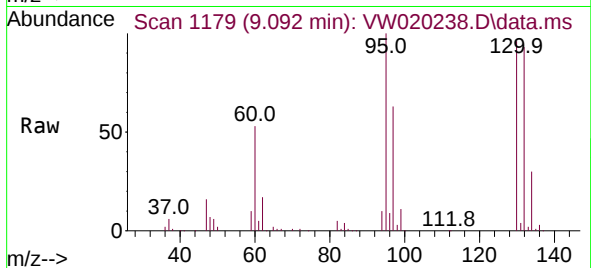




#34
Trichloroethene
Concen: 27.092 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

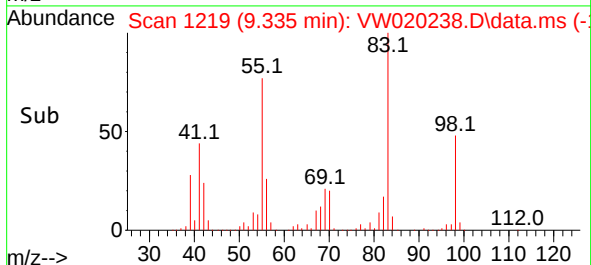
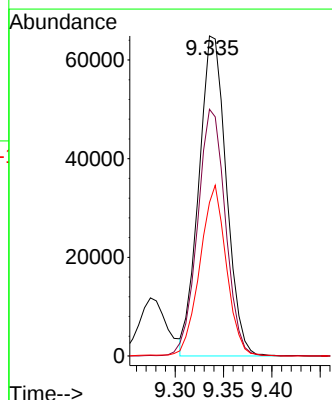
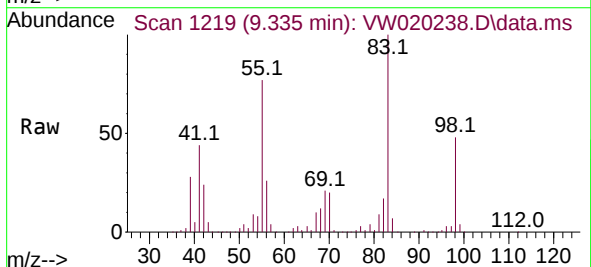
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

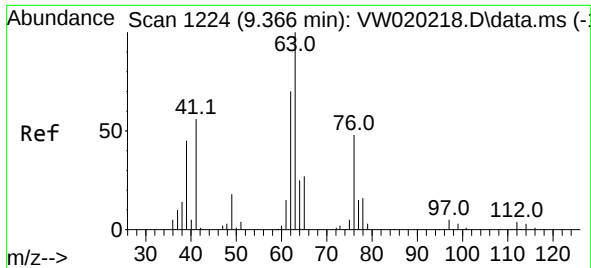
Tgt Ion:	95	Resp:	95945
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.1	83.7
132	93.3	67.9	126.1
130	95.6	69.1	128.3



#35
Methylcyclohexane
Concen: 22.254 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion:	83	Resp:	128412
Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.4	92.2
98	51.2	38.1	57.1

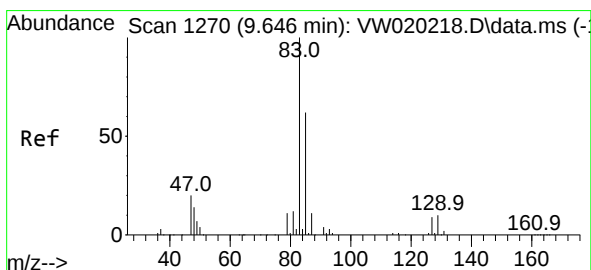
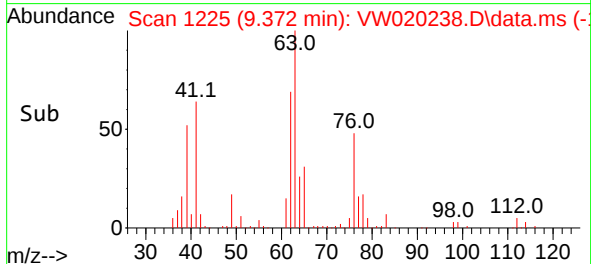
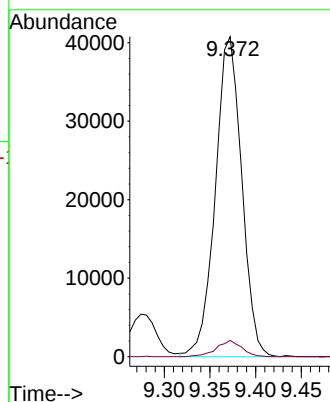
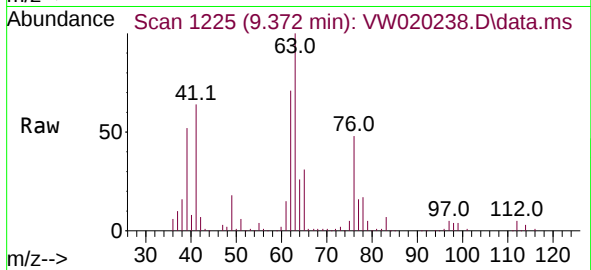




#37
1,2-Dichloropropane
Concen: 24.957 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

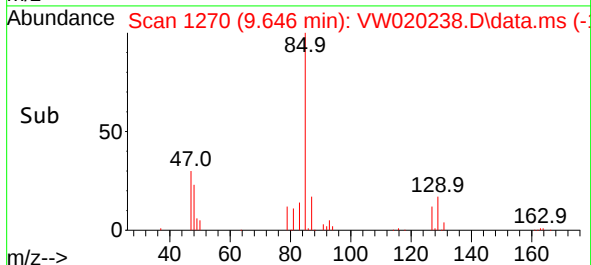
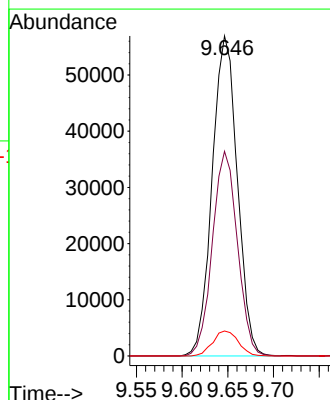
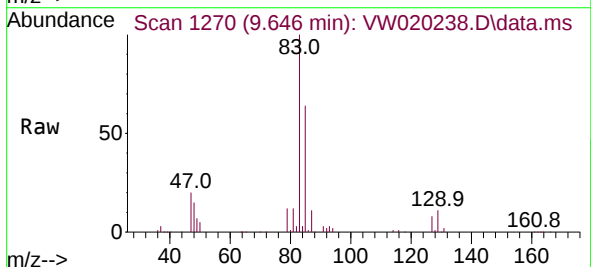
Instrument :
MSVOA_W
ClientSampled :
EW8Y4MS

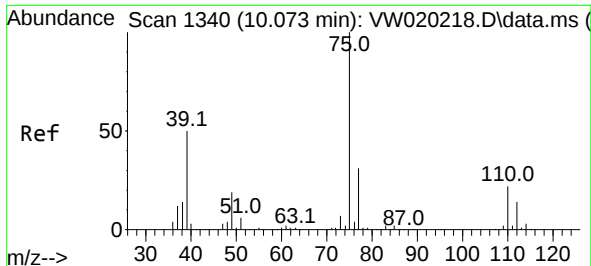
Tgt Ion: 63 Resp: 81779
Ion Ratio Lower Upper
63 100
112 4.9 3.6 5.4



#38
Bromodichloromethane
Concen: 24.559 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 83 Resp: 108975
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.5
127 7.8 6.5 9.7

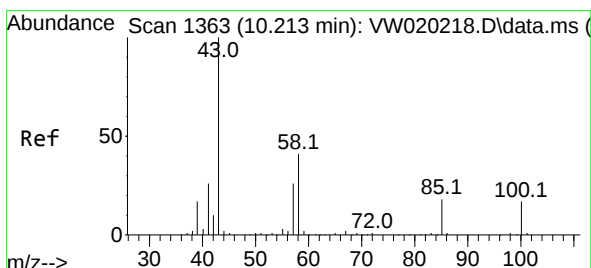
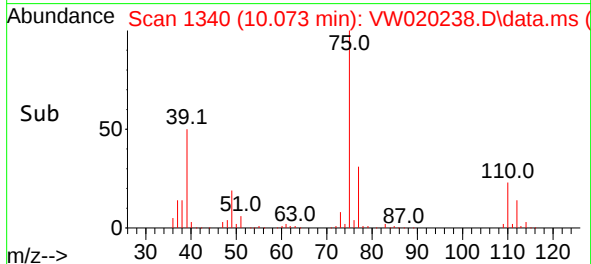
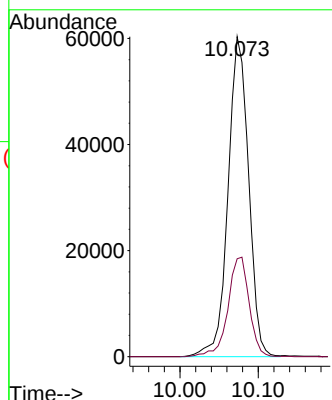
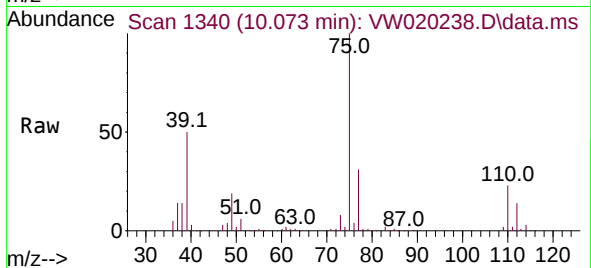




#39
cis-1,3-Dichloropropene
Concen: 22.757 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

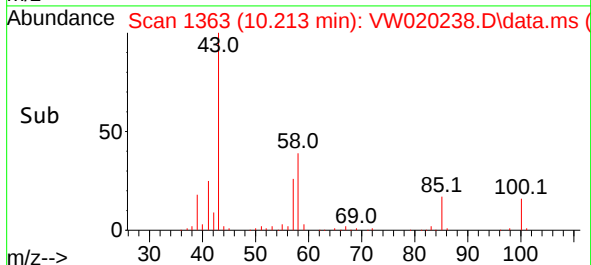
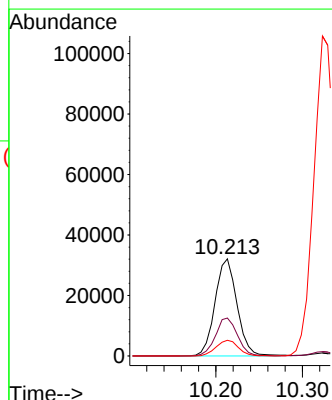
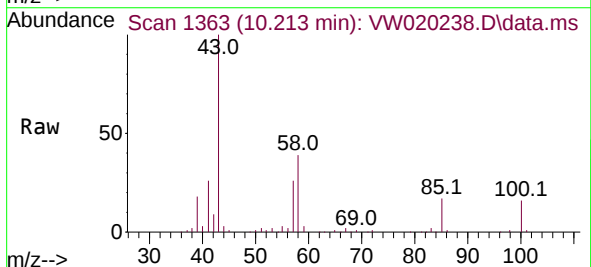
Instrument :
MSVOA_W
ClientSampled :
EW8Y4MS

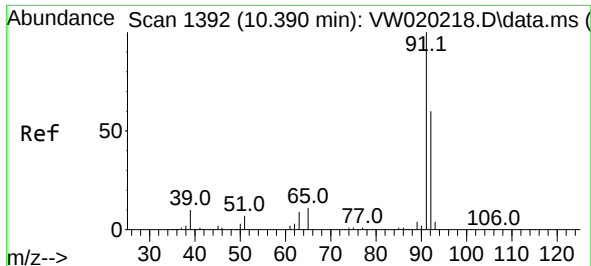
Tgt Ion: 75 Resp: 109984
Ion Ratio Lower Upper
75 100
77 30.6 23.0 42.6



#40
4-Methyl-2-pentanone
Concen: 34.300 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 43 Resp: 56605
Ion Ratio Lower Upper
43 100
58 39.2 31.3 46.9
100 16.4 13.3 19.9

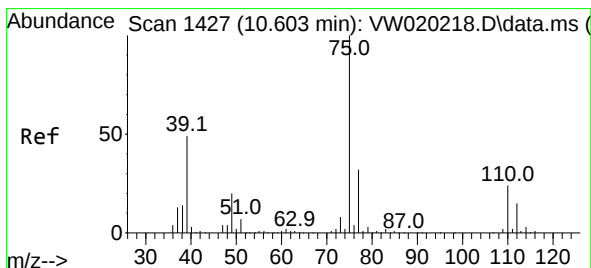
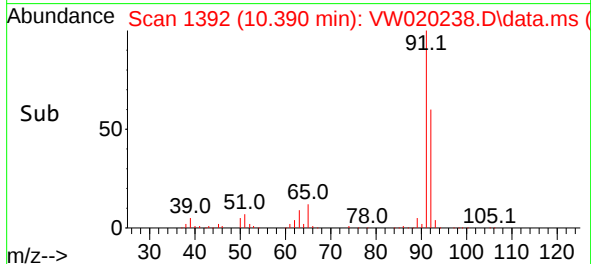
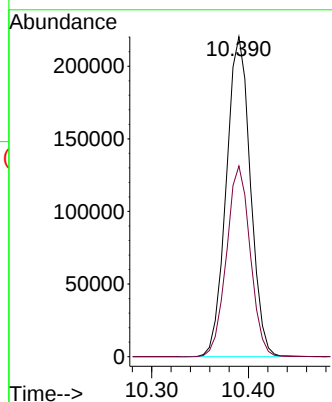
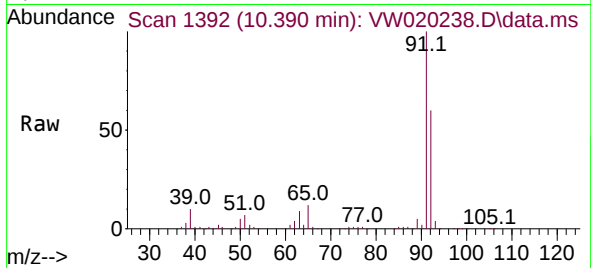




#42
Toluene
Concen: 27.125 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

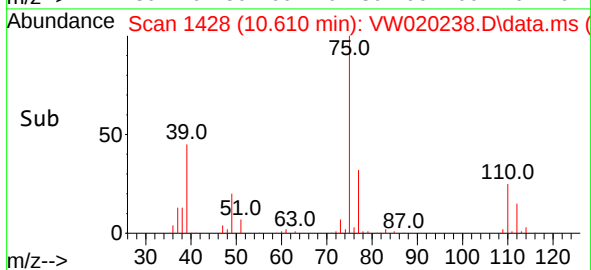
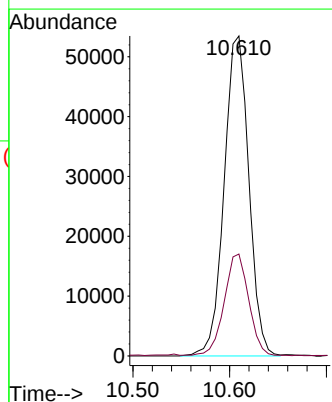
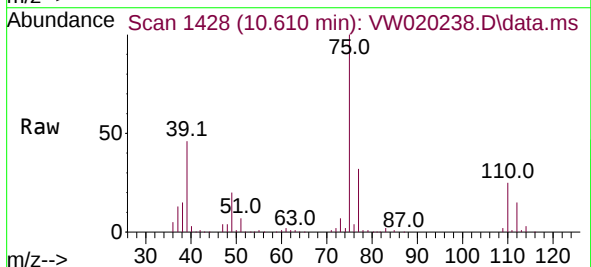
Instrument :
MSVOA_W
ClientSampled :
EW8Y4MS

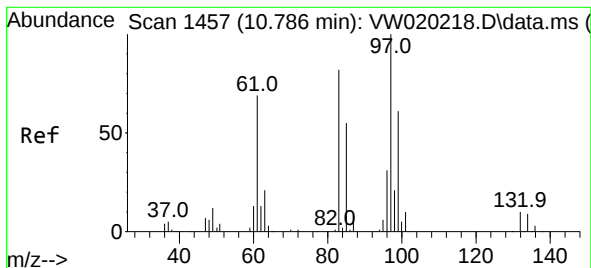
Tgt Ion: 91 Resp: 381246
Ion Ratio Lower Upper
91 100
92 59.6 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.823 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

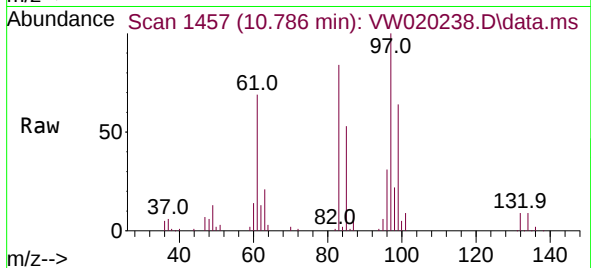
Tgt Ion: 75 Resp: 94737
Ion Ratio Lower Upper
75 100
77 31.9 22.0 40.8



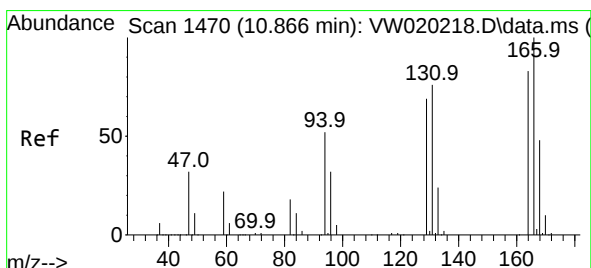
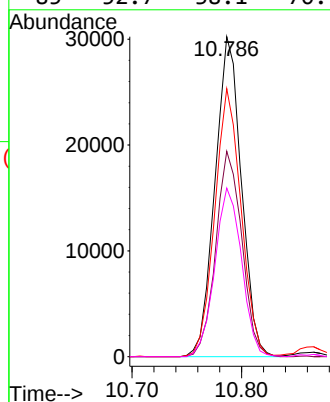
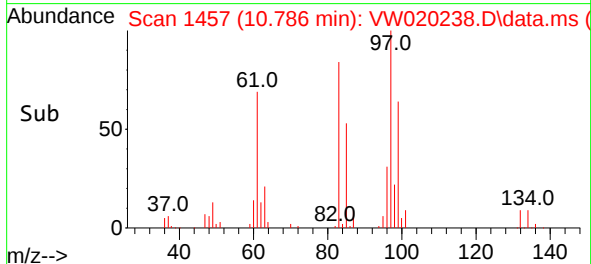


#45
1,1,2-Trichloroethane
Concen: 21.040 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

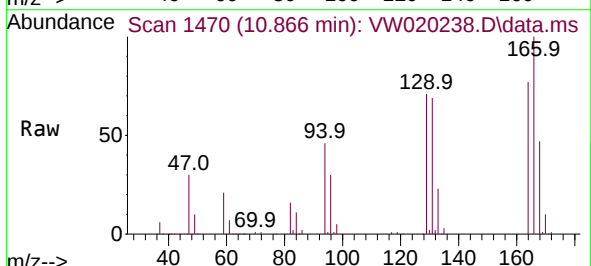
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS



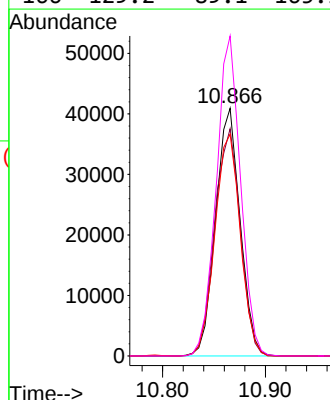
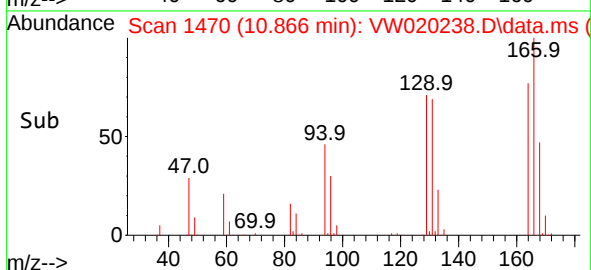
Tgt Ion:	97	Resp:	50552
Ion	Ratio	Lower	Upper
97	100		
99	64.2	42.0	78.0
83	83.8	58.7	108.9
85	52.7	38.1	70.7

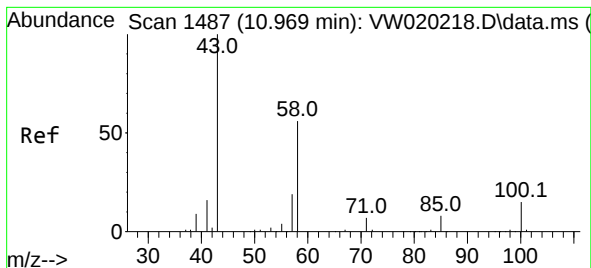


#46
Tetrachloroethene
Concen: 24.729 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21



Tgt Ion:	164	Resp:	67689
Ion	Ratio	Lower	Upper
164	100		
129	91.7	69.5	129.1
131	89.6	66.5	123.5
166	129.2	89.1	165.5

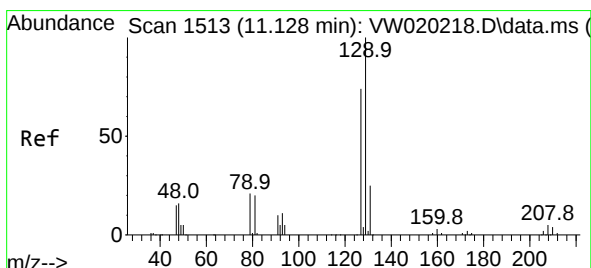
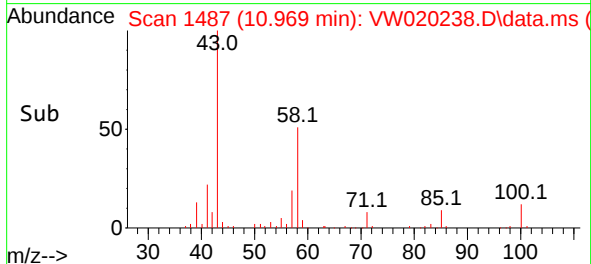
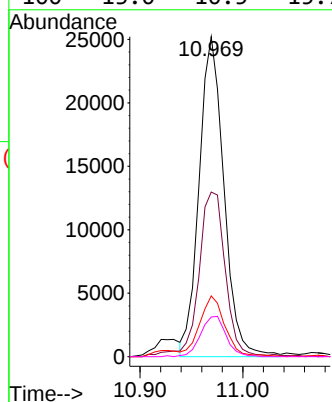
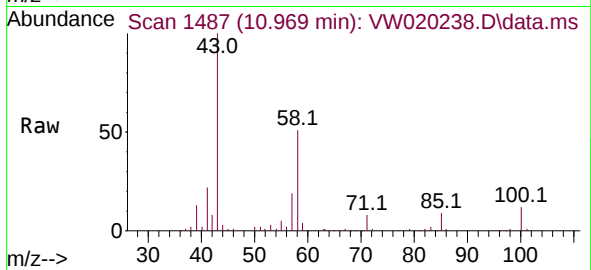




#48
2-Hexanone
Concen: 36.858 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

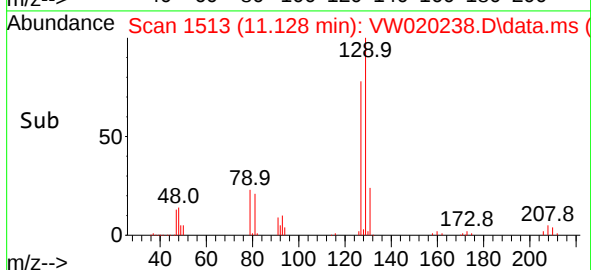
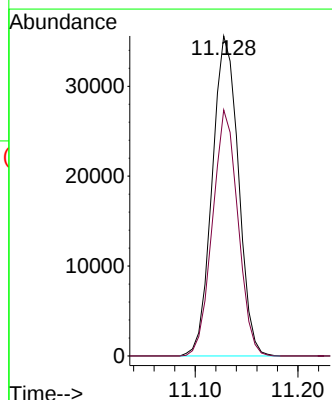
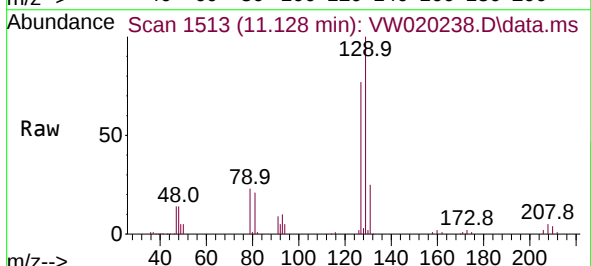
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

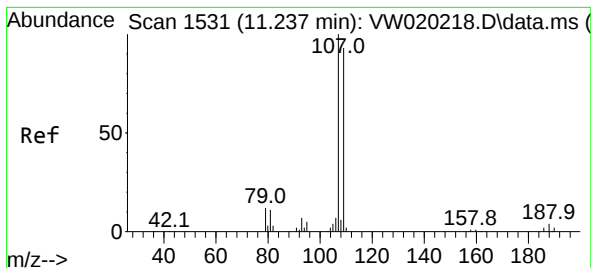
Tgt Ion:	43	Resp:	42371
Ion	Ratio	Lower	Upper
43	100		
58	52.2	43.8	65.6
57	19.5	15.6	23.4
100	13.0	10.5	15.7



#49
Dibromochloromethane
Concen: 22.403 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion:	129	Resp:	62898
Ion	Ratio	Lower	Upper
129	100		
127	76.9	57.0	105.8

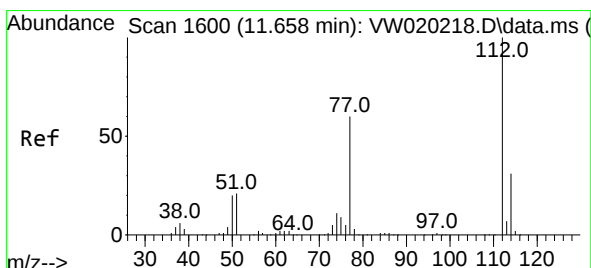
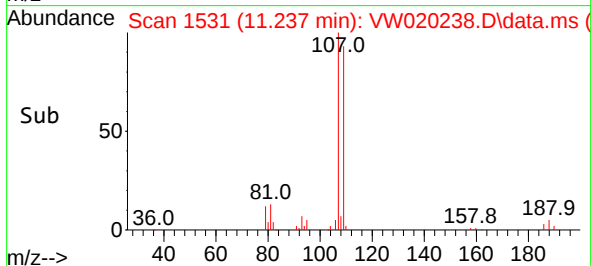
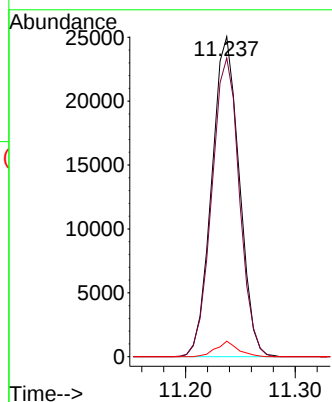
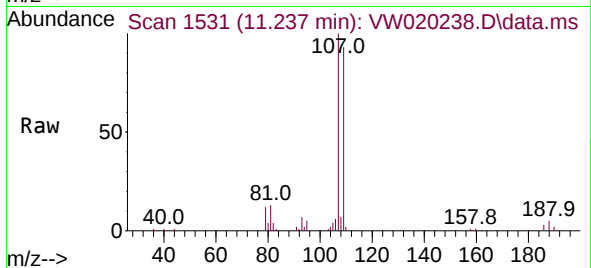




#50
1,2-Dibromoethane
Concen: 19.340 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

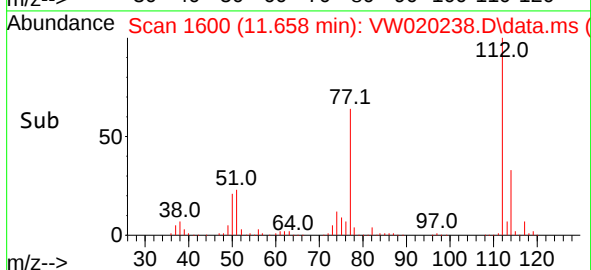
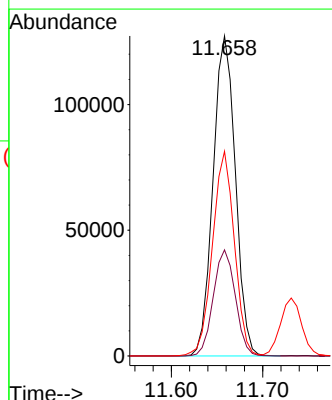
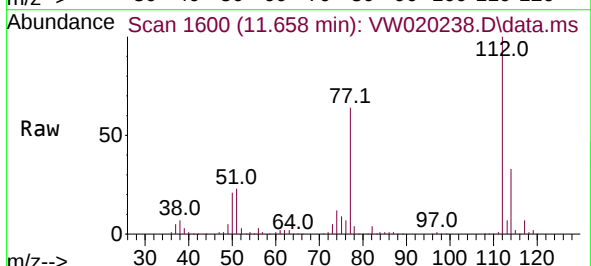
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

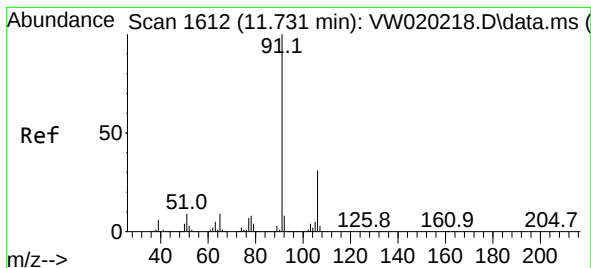
Tgt Ion:107 Resp: 43731
Ion Ratio Lower Upper
107 100
109 93.4 64.1 119.1
188 4.9 3.0 4.4#



#51
Chlorobenzene
Concen: 23.610 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion:112 Resp: 215828
Ion Ratio Lower Upper
112 100
114 33.1 21.9 40.7
77 63.9 48.0 72.0

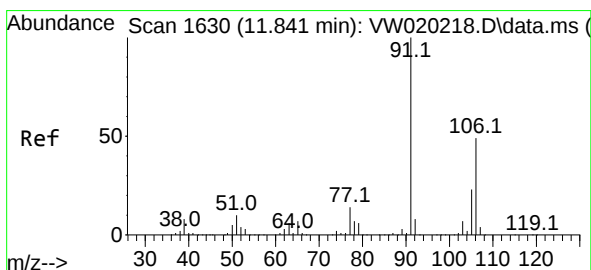
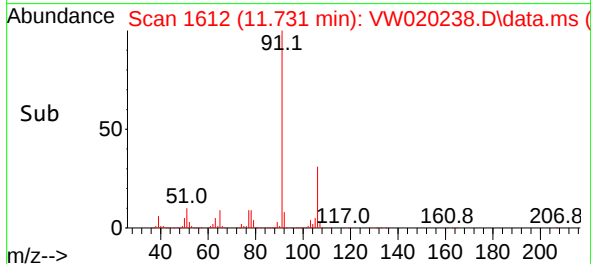
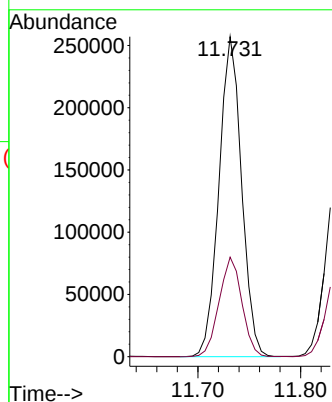
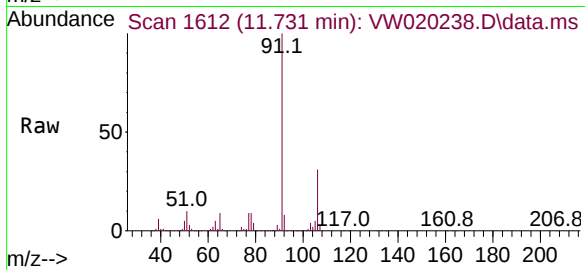




#52
Ethylbenzene
Concen: 25.373 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

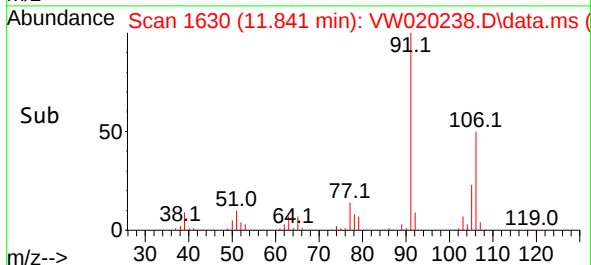
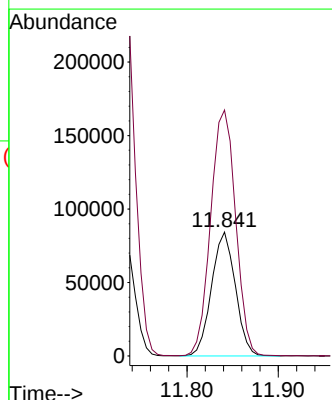
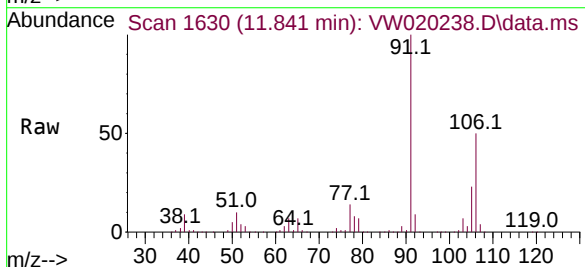
Instrument :
MSVOA_W
ClientSampled :
EW8Y4MS

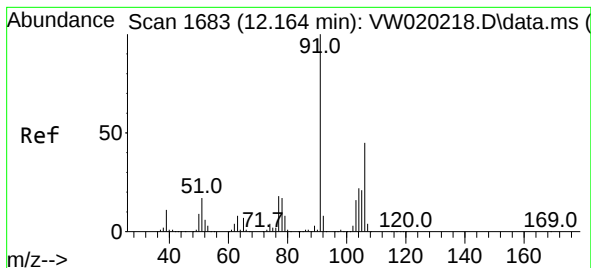
Tgt Ion: 91 Resp: 392790
Ion Ratio Lower Upper
91 100
106 31.1 22.0 40.8



#53
m,p-Xylene
Concen: 25.839 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 106 Resp: 152498
Ion Ratio Lower Upper
106 100
91 198.5 146.4 271.8





#54

o-Xylene

Concen: 25.892 ug/L

RT: 12.170 min Scan# 1684

Delta R.T. 0.006 min

Lab File: VW020238.D

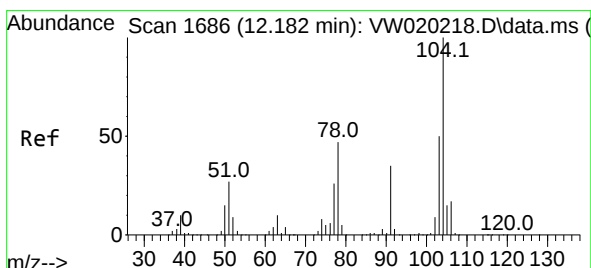
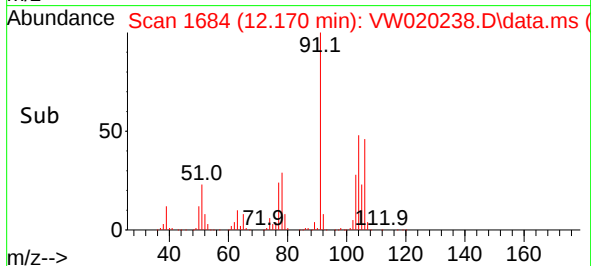
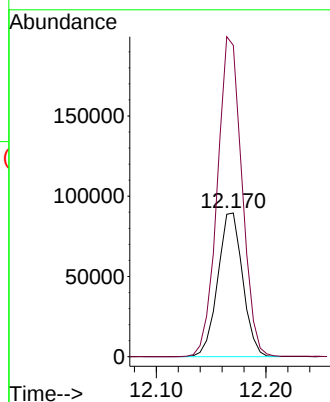
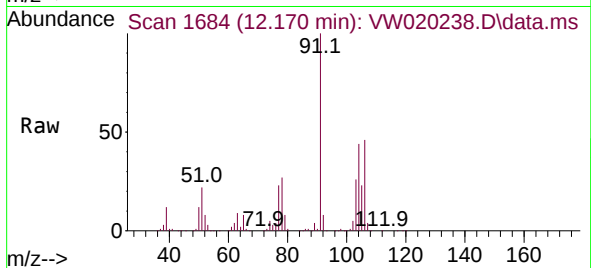
Acq: 29 Sep 2021 17:21

Tgt Ion:106 Resp: 141355

Ion Ratio Lower Upper

106 100

91 216.7 154.3 286.7



#55

Styrene

Concen: 25.338 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW020238.D

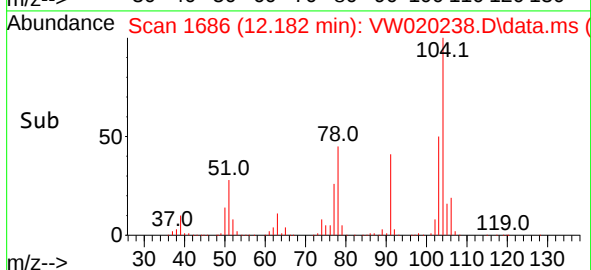
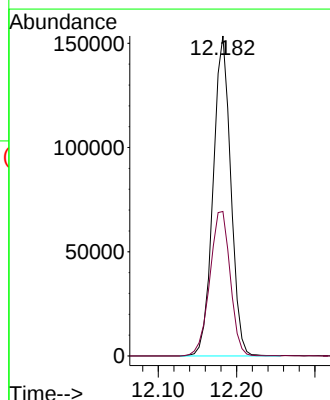
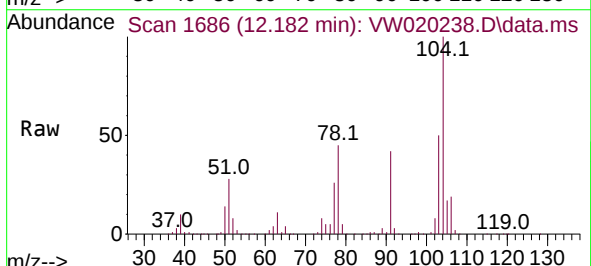
Acq: 29 Sep 2021 17:21

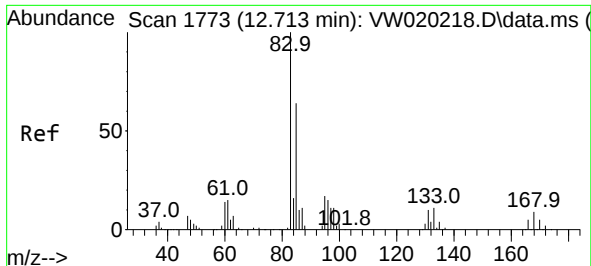
Tgt Ion:104 Resp: 240369

Ion Ratio Lower Upper

104 100

78 45.2 32.7 60.7

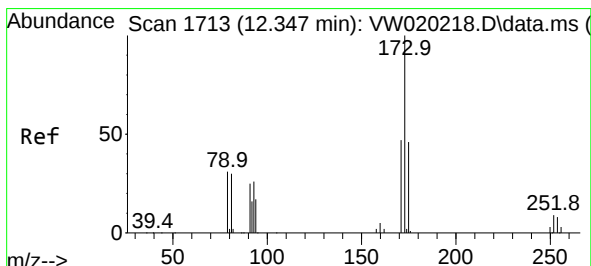
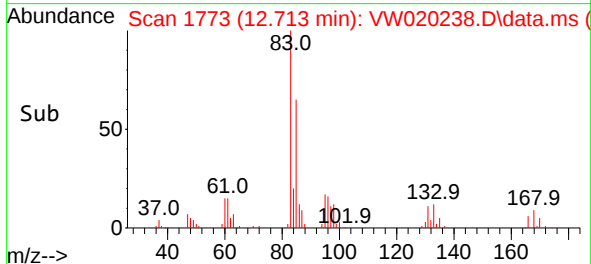
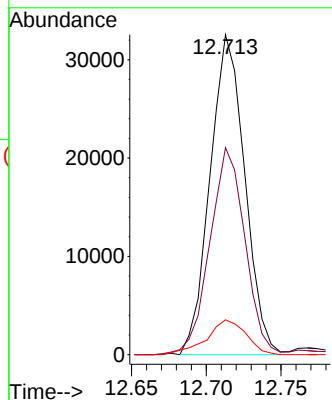
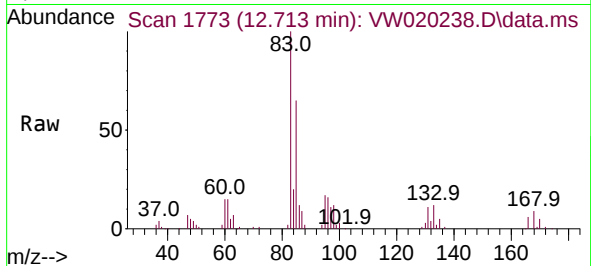




#57
1,1,2,2-Tetrachloroethane
Concen: 18.335 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

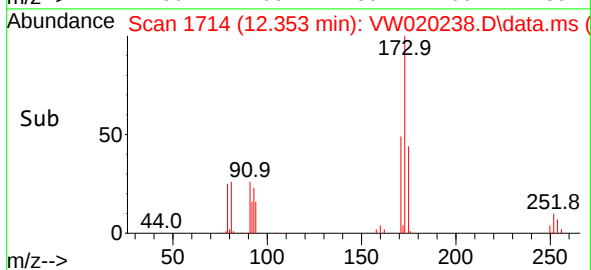
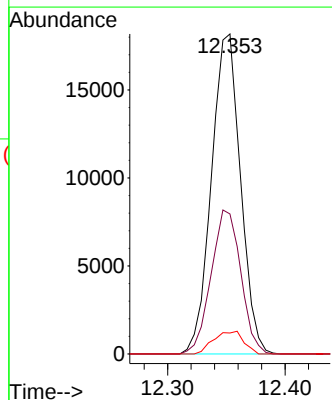
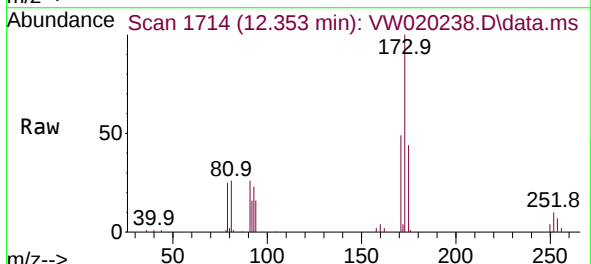
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

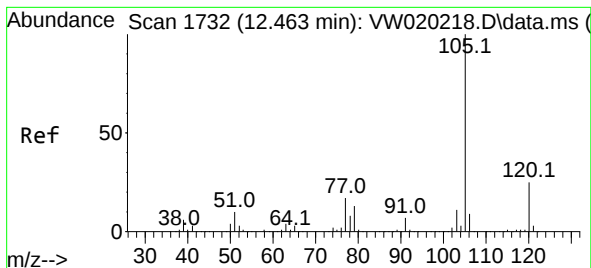
Tgt Ion: 83 Resp: 52616
Ion Ratio Lower Upper
83 100
85 64.7 43.3 80.5
131 10.9 7.9 11.9



#59
Bromoform
Concen: 23.705 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 173 Resp: 31282
Ion Ratio Lower Upper
173 100
175 45.9 39.2 58.8
254 7.3 6.6 10.0

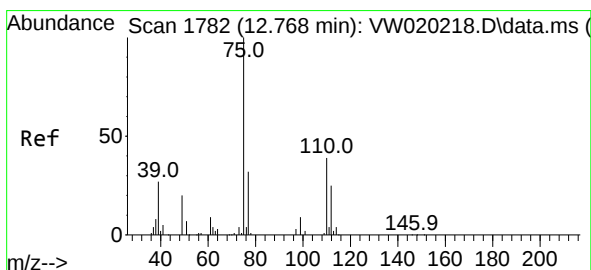
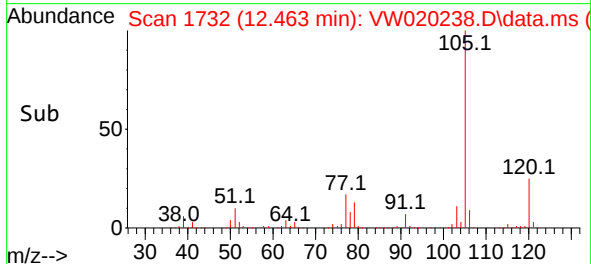
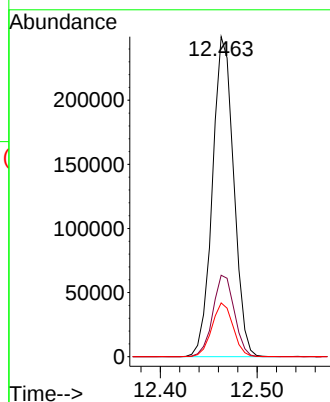
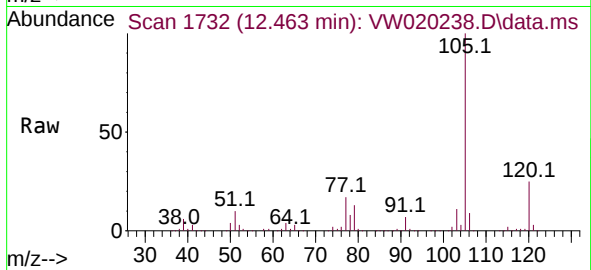




#60
Isopropylbenzene
Concen: 29.374 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

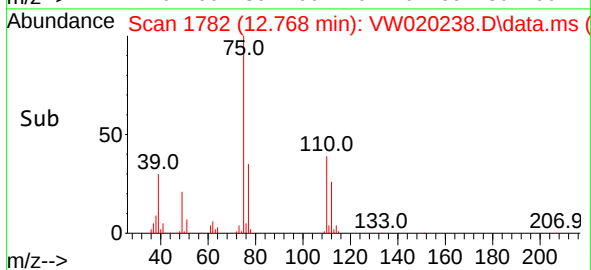
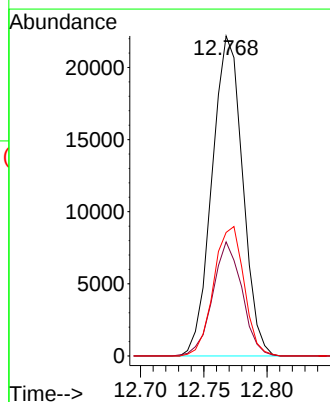
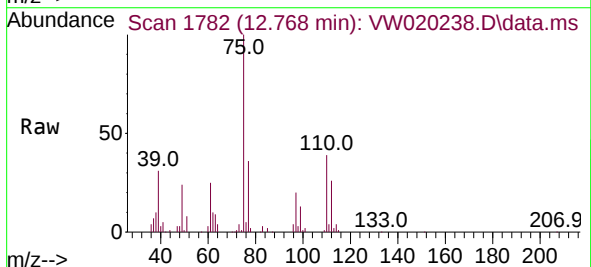
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

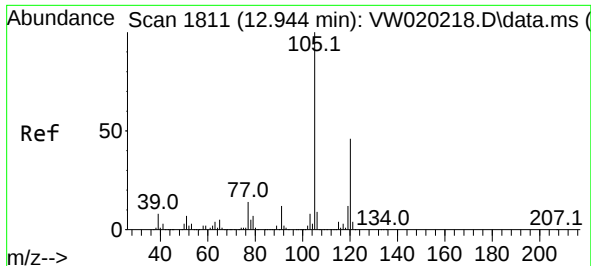
Tgt Ion:105 Resp: 381206
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.7 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 20.412 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 75 Resp: 37305
Ion Ratio Lower Upper
75 100
77 34.1 26.3 39.5
110 40.1 30.2 45.2

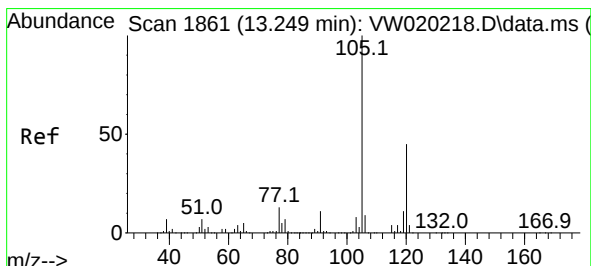
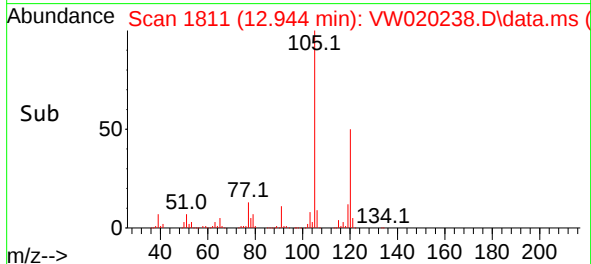
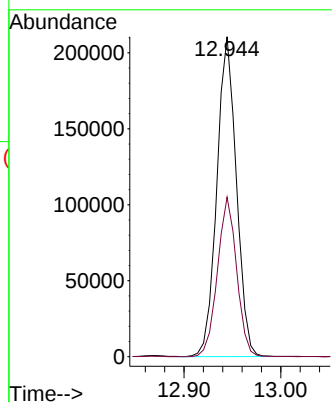
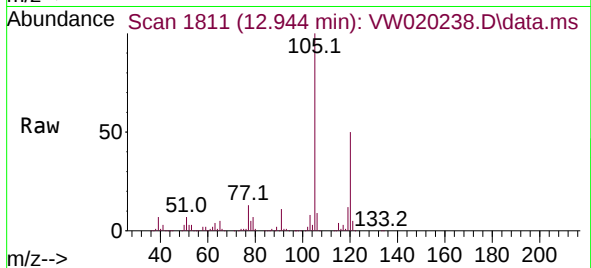




#62
1,3,5-Trimethylbenzene
Concen: 27.706 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

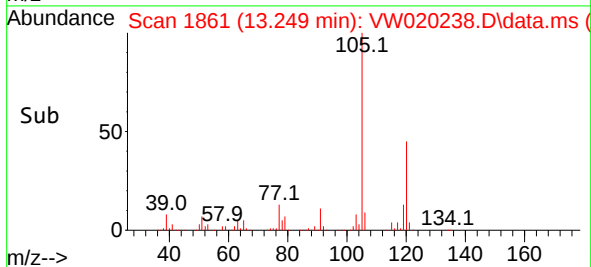
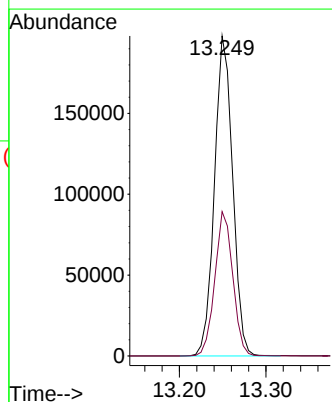
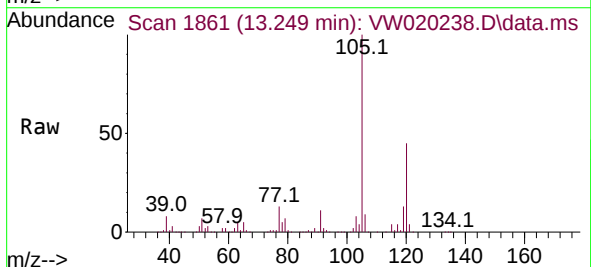
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

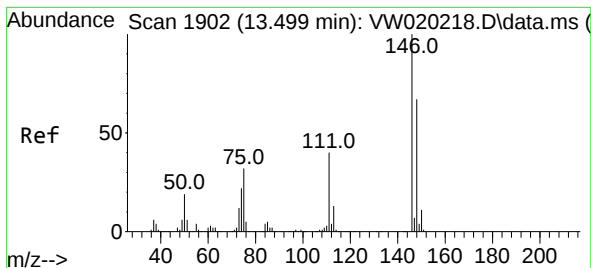
Tgt Ion:105 Resp: 295081
Ion Ratio Lower Upper
105 100
120 49.0 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 27.592 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion:105 Resp: 288678
Ion Ratio Lower Upper
105 100
120 44.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 23.522 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020238.D

Acq: 29 Sep 2021 17:21

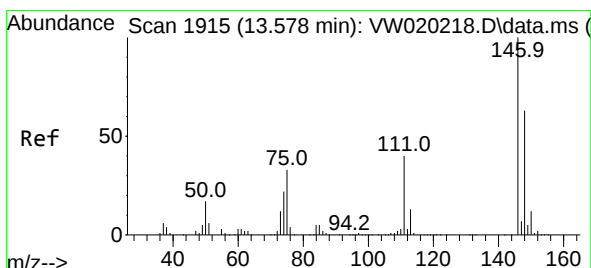
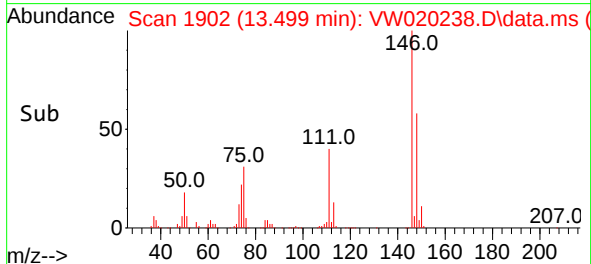
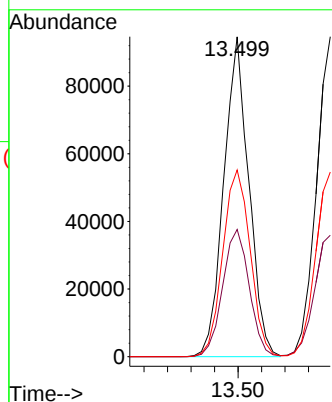
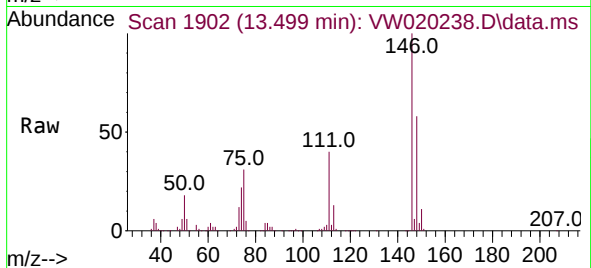
Tgt Ion:146 Resp: 139990

Ion Ratio Lower Upper

146 100

111 39.8 28.3 52.5

148 58.4 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 23.492 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020238.D

Acq: 29 Sep 2021 17:21

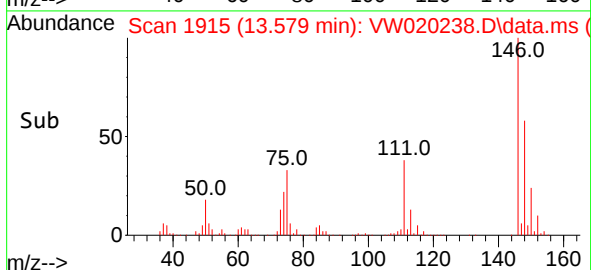
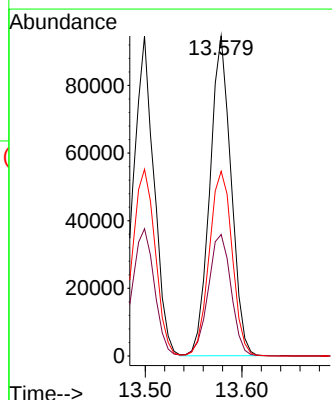
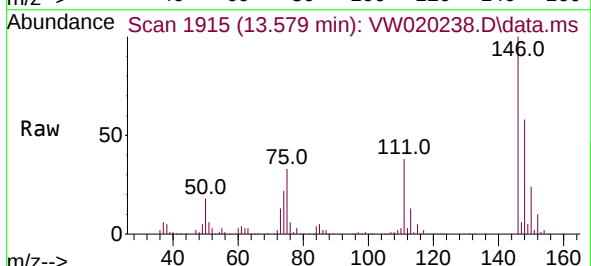
Tgt Ion:146 Resp: 144486

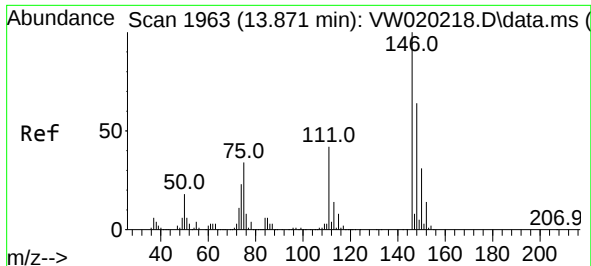
Ion Ratio Lower Upper

146 100

111 38.0 29.6 55.0

148 57.7 45.3 84.1

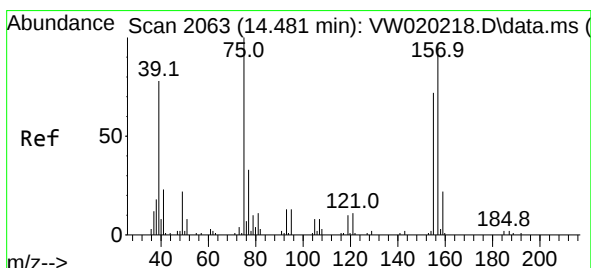
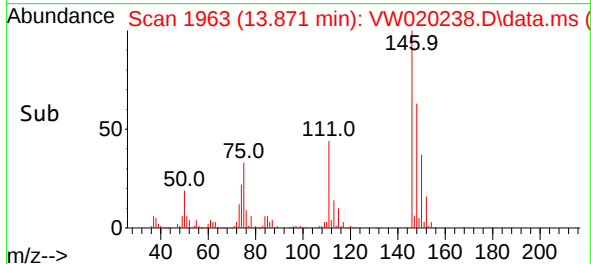
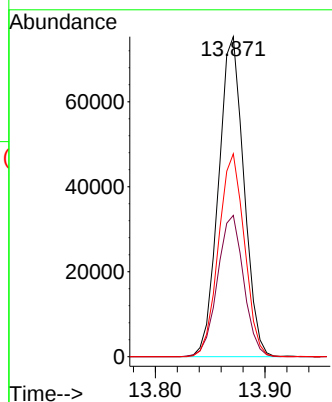
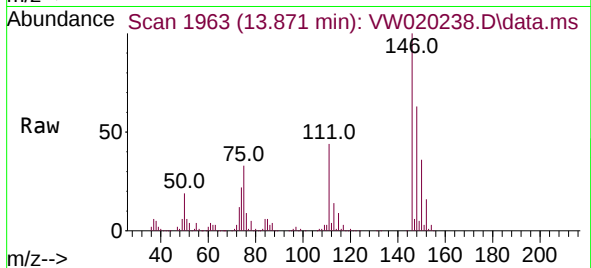




#67
1,2-Dichlorobenzene
Concen: 22.349 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

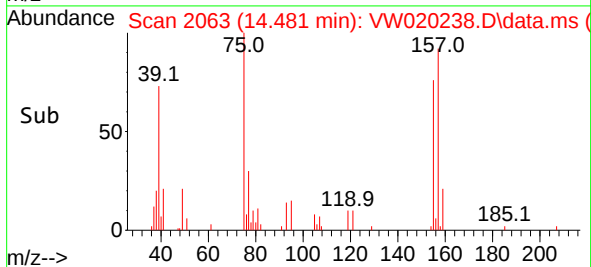
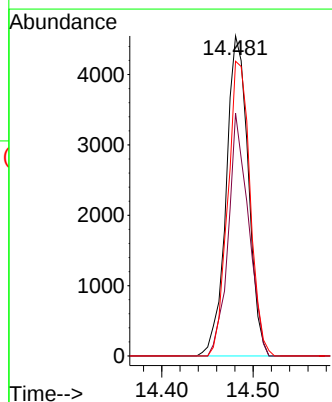
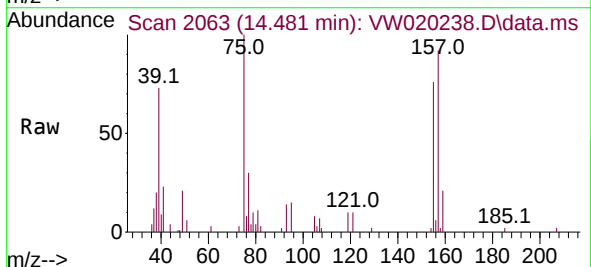
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

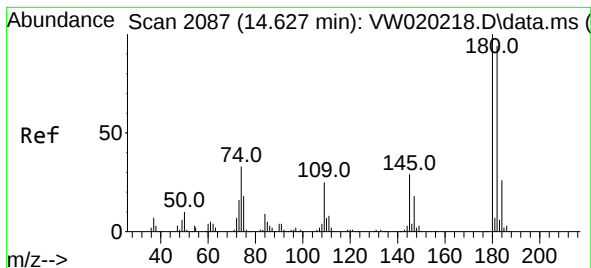
Tgt Ion:146 Resp: 121143
Ion Ratio Lower Upper
146 100
111 44.2 34.7 52.1
148 63.4 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 18.642 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion: 75 Resp: 7648
Ion Ratio Lower Upper
75 100
155 75.9 58.5 87.7
157 92.1 77.4 116.0

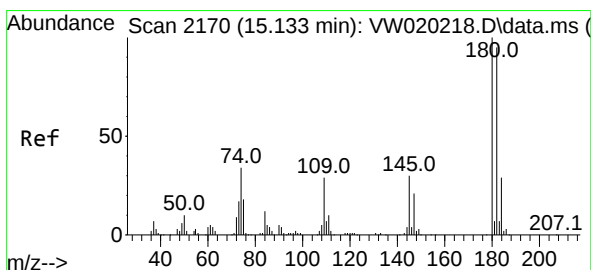
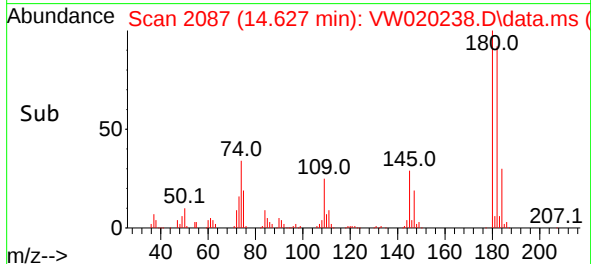
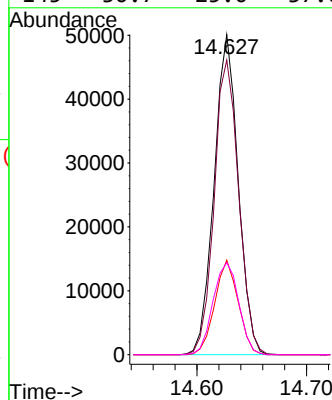
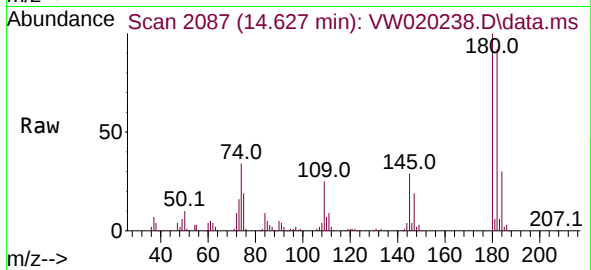




#69
1,3,5-Trichlorobenzene
Concen: 18.585 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

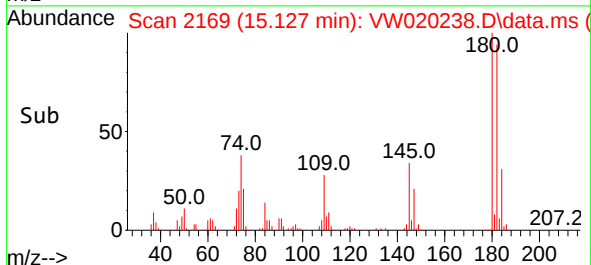
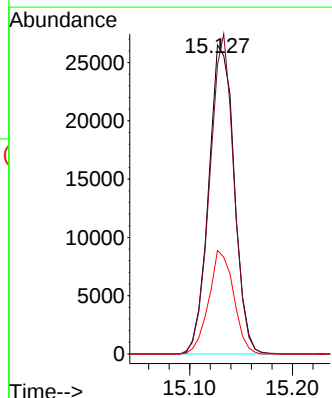
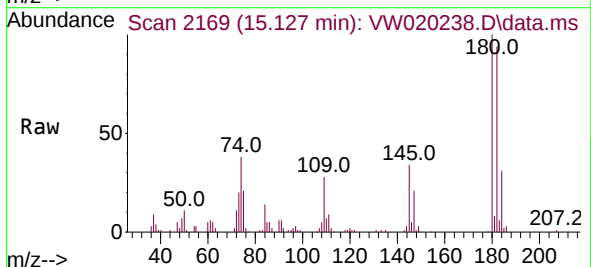
Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

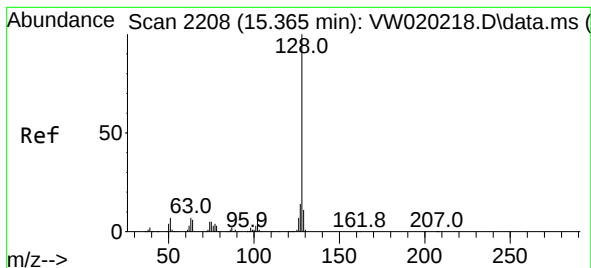
Tgt Ion:	180	Resp:	76504
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.2	112.8
184	28.8	24.3	36.5
145	30.7	25.0	37.6



#70
1,2,4-trichlorobenzene
Concen: 14.461 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion:	180	Resp:	45942
Ion Ratio	Lower	Upper	
180	100		
182	97.5	70.6	106.0
145	32.5	25.7	38.5

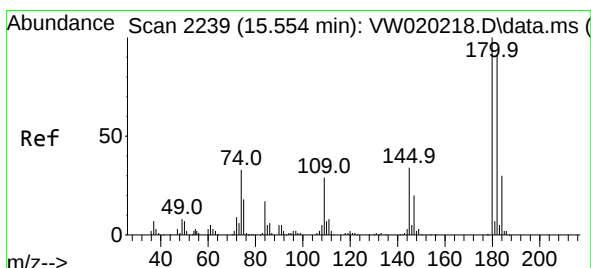
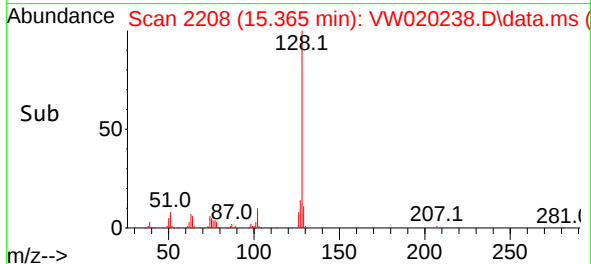
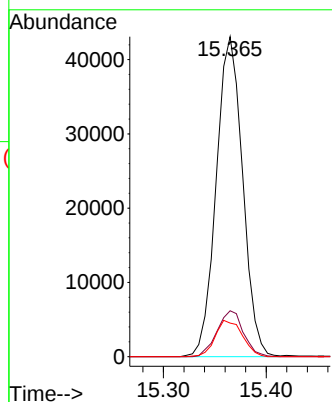
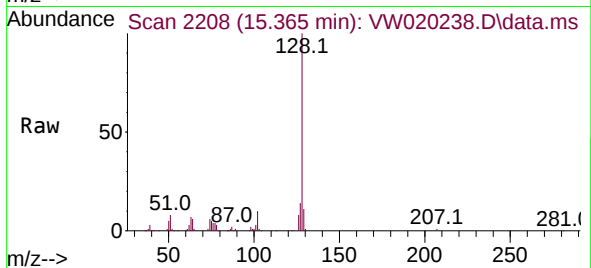




#71
Naphthalene
Concen: 13.728 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
EW8Y4MS

Tgt Ion:128 Resp: 76916
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 11.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 13.140 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020238.D
Acq: 29 Sep 2021 17:21

Tgt Ion:180 Resp: 37588
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
145 35.6 28.2 42.4

