

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022195.D
 Acq On : 07 Mar 2022 12:52
 Operator : SY/VA
 Sample : N1775-14MSD
 Misc : 6.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRU6MSD

Quant Time: Mar 08 00:23:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 08 00:21:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	194580	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	179963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	101362	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	54869	21.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
7) Chloroethane-d5	2.885	69	40615	20.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.360%
11) 1,1-Dichloroethene-d2	4.019	63	85116	21.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	7.074	46	20593	48.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.520%
24) Chloroform-d	7.653	84	102233	23.549	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	8.305	65	52477	23.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	8.275	84	200536	23.943	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	9.275	67	54768	23.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	10.323	98	202003	24.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.040%
43) trans-1,3-Dichloroprop...	10.573	79	25085	24.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.280%
47) 2-Hexanone-d5	10.921	63	17330	45.301	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.600%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	47271	23.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	75505	23.192	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	9259	17.026	ug/L	100
3) Chloromethane	2.221	50	32428	17.402	ug/L	99
5) Vinyl chloride	2.361	62	49996	17.857	ug/L	95
6) Bromomethane	2.782	94	32310	16.523	ug/L	95
8) Chloroethane	2.922	64	29199	18.564	ug/L	98
9) Trichlorofluoromethane	3.263	101	36829	19.374	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	48152	20.762	ug/L	96
12) 1,1-Dichloroethene	4.038	96	41632	20.712	ug/L #	86
13) Acetone	4.123	43	20202	57.965	ug/L	99
14) Carbon disulfide	4.385	76	88036	16.894	ug/L	100
15) Methyl Acetate	4.672	43	16334	20.818	ug/L	96
16) Methylene chloride	4.909	84	46439	19.444	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	45535	20.625	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	69666	23.194	ug/L	100
19) 1,1-Dichloroethane	6.220	63	80090	22.408	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	53012	22.166	ug/L	100
22) 2-Butanone	7.171	43	25769	51.471	ug/L	97
23) Bromochloromethane	7.519	128	26213	22.437	ug/L	95
25) Chloroform	7.683	83	94165	22.580	ug/L	95

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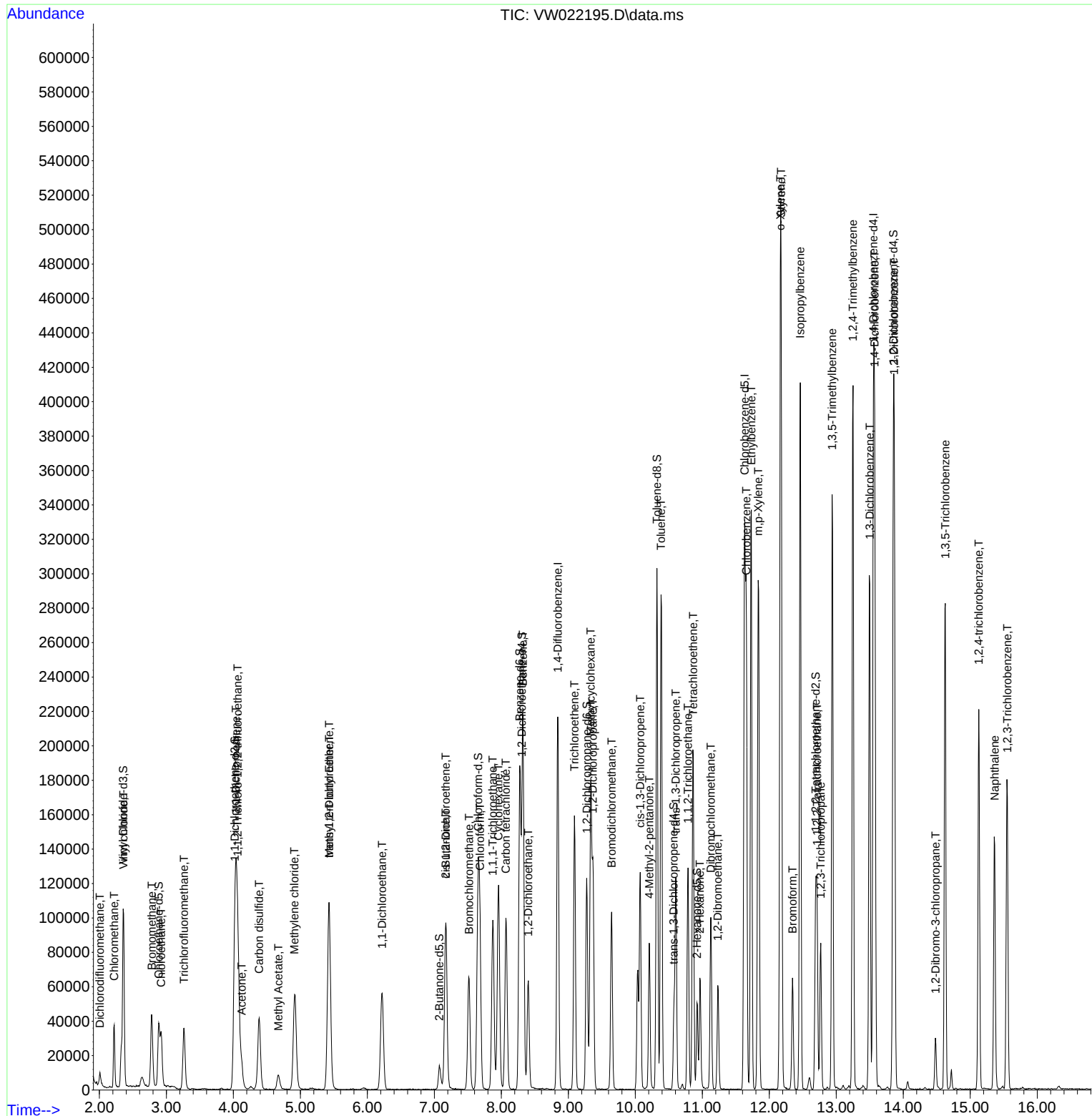
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	56316	21.925	ug/L	96
29) Cyclohexane	7.958	56	61336	20.480	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	80832	22.325	ug/L	98
31) Carbon tetrachloride	8.067	117	76638	22.272	ug/L	99
33) Benzene	8.323	78	187137	21.508	ug/L	100
34) Trichloroethene	9.092	95	52323	21.003	ug/L	91
35) Methylcyclohexane	9.335	83	76971	19.975	ug/L	100
37) 1,2-Dichloropropane	9.366	63	44861	22.101	ug/L	98
38) Bromodichloromethane	9.646	83	67474	23.180	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	72731	23.572	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	49525	45.180	ug/L	98
42) Toluene	10.384	91	219591	22.299	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	65266	23.539	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	40914	22.731	ug/L	93
46) Tetrachloroethene	10.866	164	45263	20.741	ug/L	95
48) 2-Hexanone	10.963	43	39420	51.813	ug/L	97
49) Dibromochloromethane	11.128	129	50958	23.307	ug/L	99
50) 1,2-Dibromoethane	11.232	107	39177	22.566	ug/L	94
51) Chlorobenzene	11.658	112	154049	22.478	ug/L	99
52) Ethylbenzene	11.731	91	247257	22.687	ug/L	99
53) m,p-Xylene	11.835	106	102659	22.892	ug/L	98
54) o-Xylene	12.164	106	97125	23.018	ug/L	85
55) Styrene	12.176	104	168655	23.842	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	46839	22.428	ug/L	94
59) Bromoform	12.347	173	29294	21.854	ug/L #	97
60) Isopropylbenzene	12.463	105	265751	21.841	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	32987	20.620	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	183442	22.672	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	225788	22.834	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	132314	21.921	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	127710	21.113	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	117626	21.918	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6748	19.953	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	89675	20.699	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	72039	21.976	ug/L	96
71) Naphthalene	15.365	128	128523	22.210	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	58831	20.749	ug/L	99

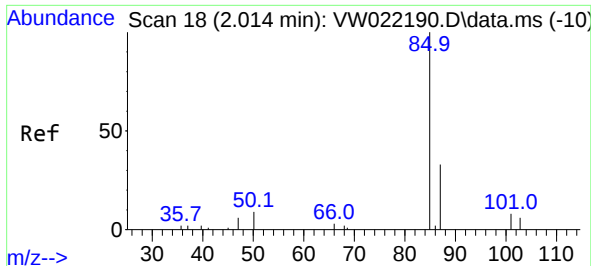
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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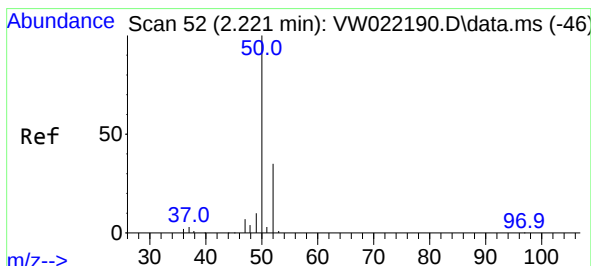
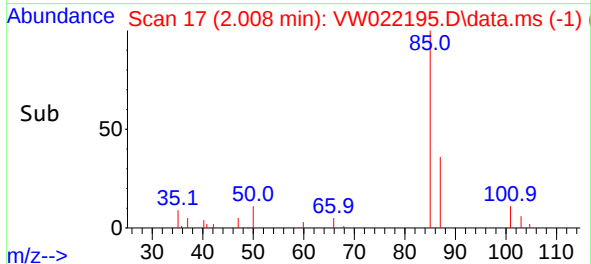
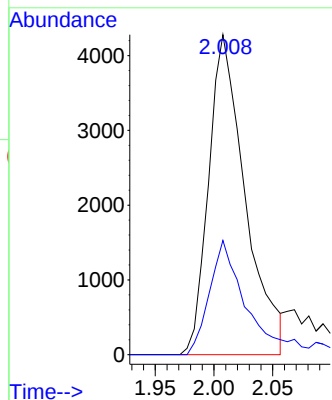
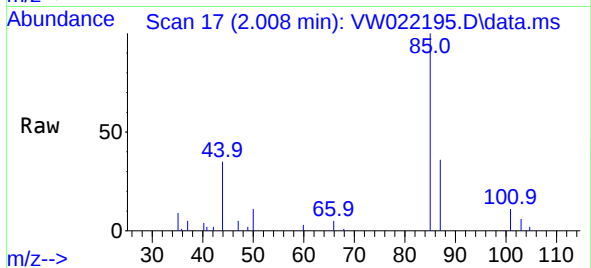




#2
Dichlorodifluoromethane
Concen: 17.026 ug/L
RT: 2.008 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

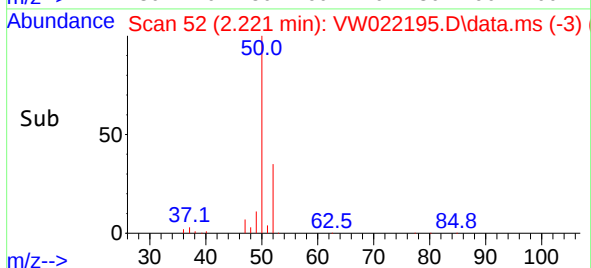
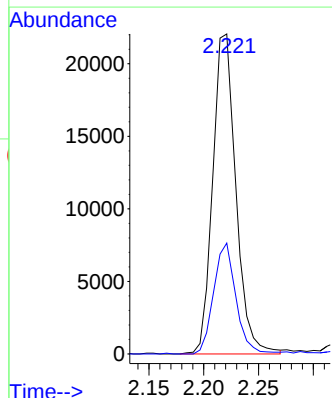
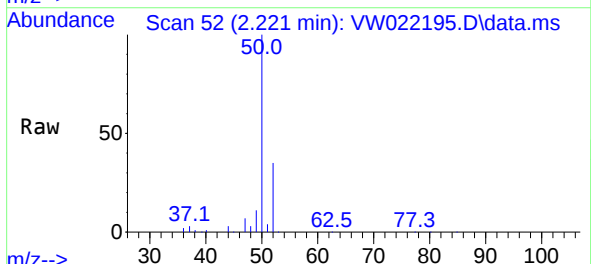
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MSVOA_W
ClientSampleId :
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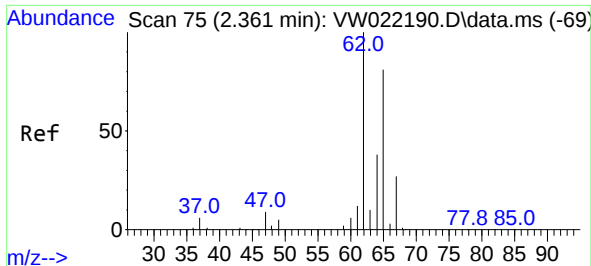
Tgt Ion: 85 Resp: 9259
Ion Ratio Lower Upper
85 100
87 34.5 27.6 41.4



#3
Chloromethane
Concen: 17.402 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 50 Resp: 32428
Ion Ratio Lower Upper
50 100
52 34.6 23.9 44.5

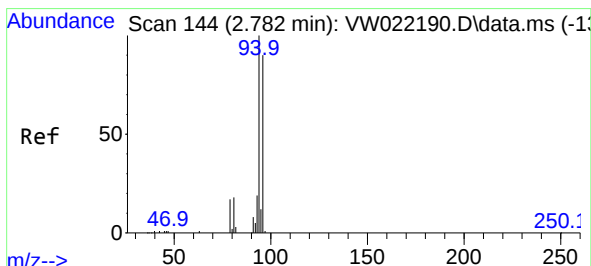
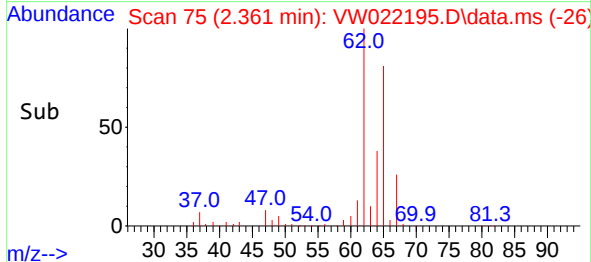
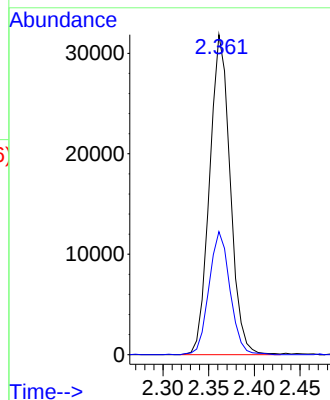
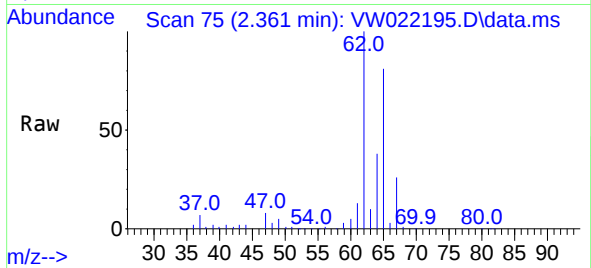




#5
 Vinyl chloride
 Concen: 17.857 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022195.D
 Acq: 07 Mar 2022 12:52

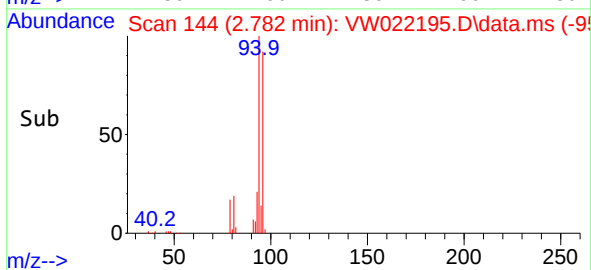
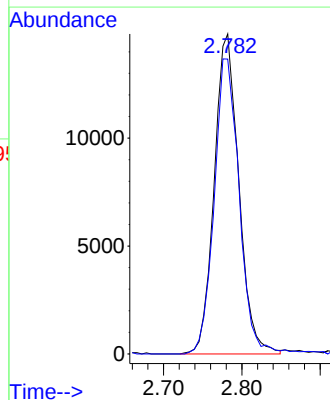
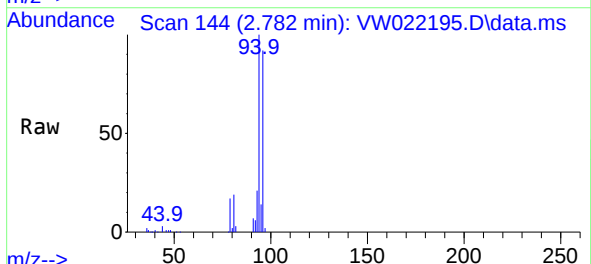
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 ClientSampleId :
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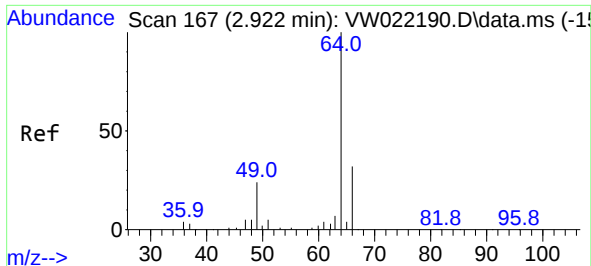
Tgt Ion: 62 Resp: 49996
 Ion Ratio Lower Upper
 62 100
 64 38.4 24.7 45.9



#6
 Bromomethane
 Concen: 16.523 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022195.D
 Acq: 07 Mar 2022 12:52

Tgt Ion: 94 Resp: 32310
 Ion Ratio Lower Upper
 94 100
 96 92.1 61.2 113.8

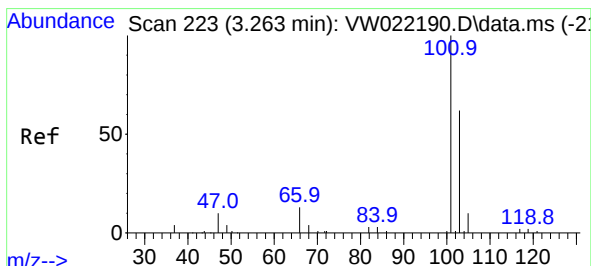
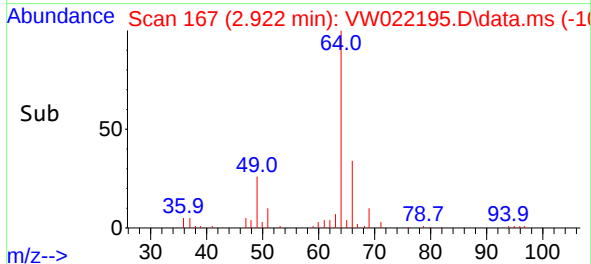
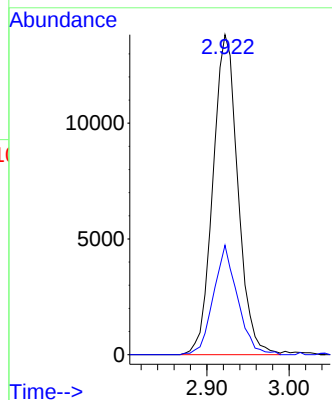
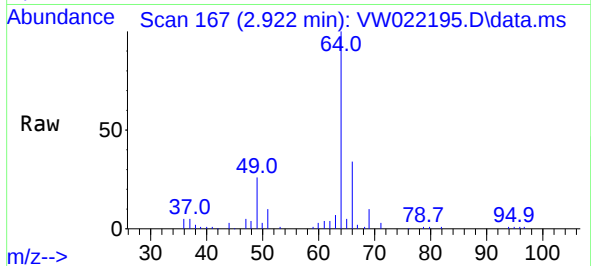




#8
Chloroethane
Concen: 18.564 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022195.D
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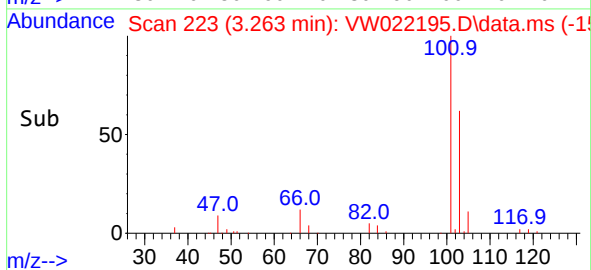
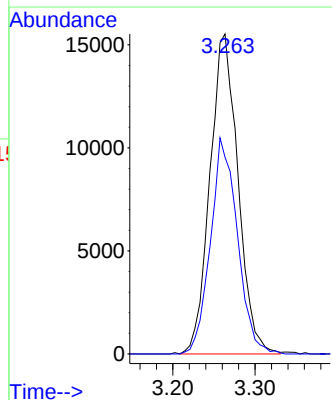
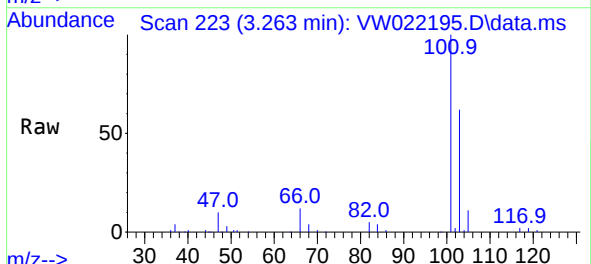
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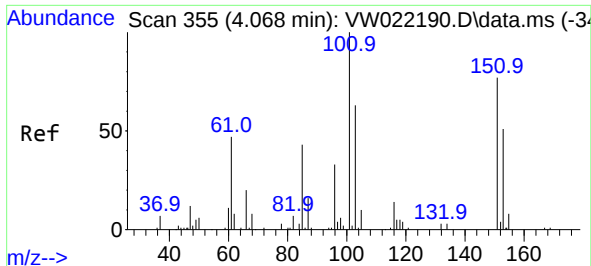
Tgt Ion: 64 Resp: 29199
Ion Ratio Lower Upper
64 100
66 34.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 19.374 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion:101 Resp: 36829
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8

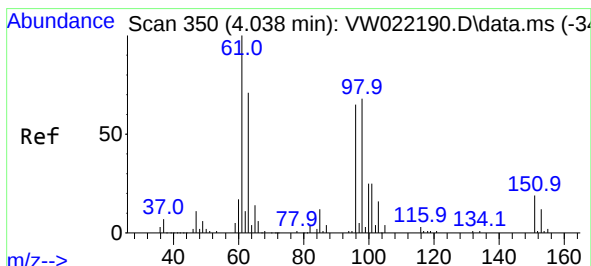
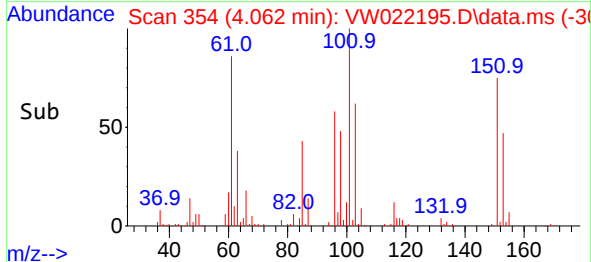
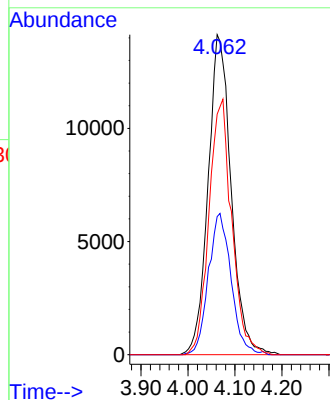
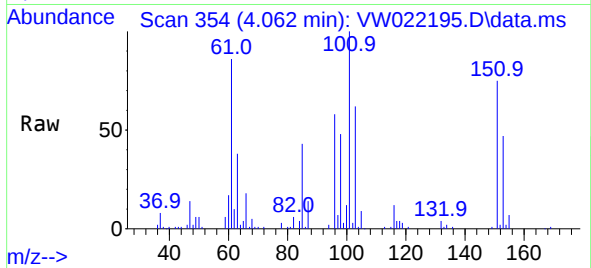




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.762 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW022195.D
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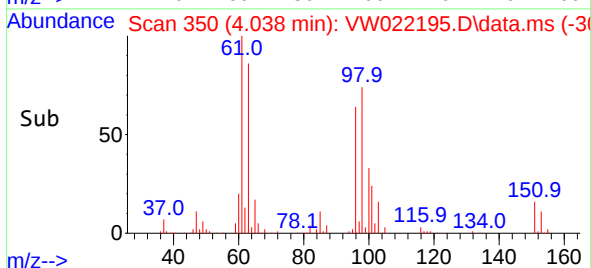
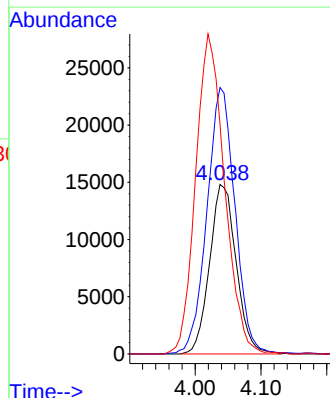
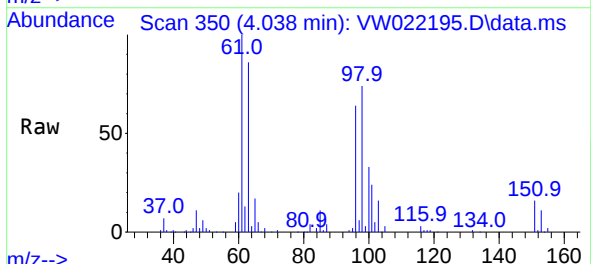
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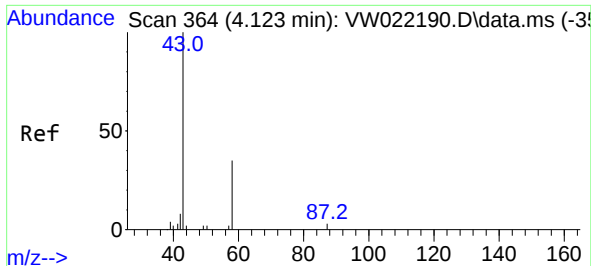
Tgt Ion:101 Resp: 48152
Ion Ratio Lower Upper
101 100
85 43.4 34.4 51.6
151 78.7 59.0 88.4



#12
1,1-Dichloroethene
Concen: 20.712 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 96 Resp: 41632
Ion Ratio Lower Upper
96 100
61 157.2 108.4 201.2
63 135.3 72.0 133.6#

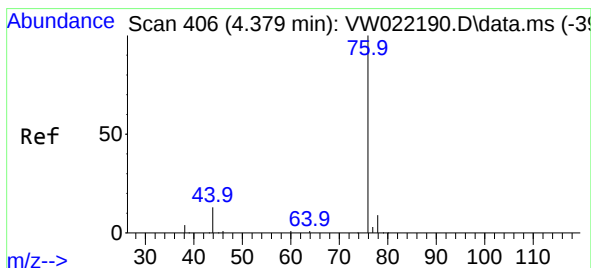
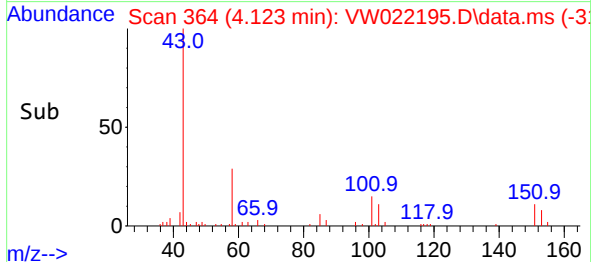
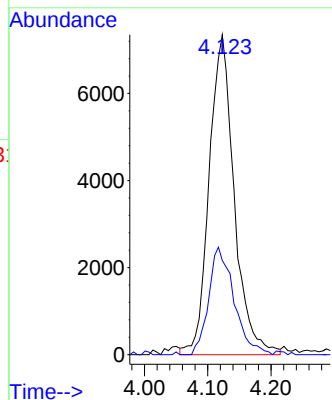
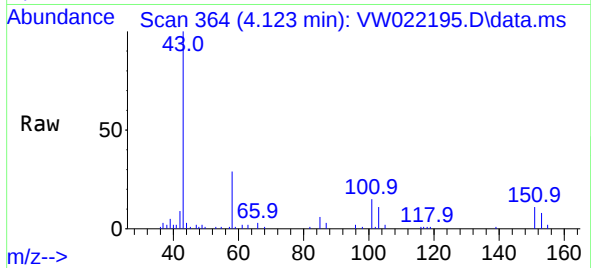




#13
Acetone
Concen: 57.965 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.000 min
Lab File: VW022195.D
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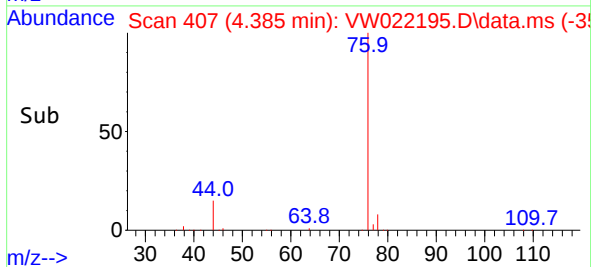
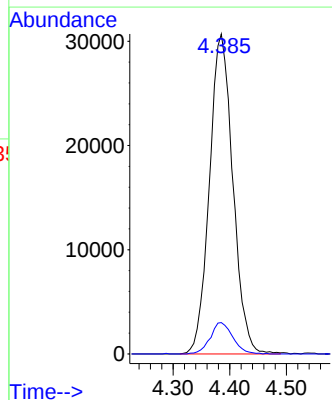
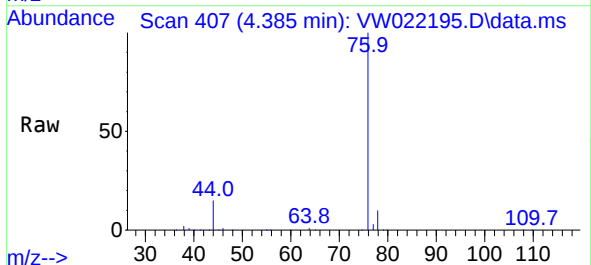
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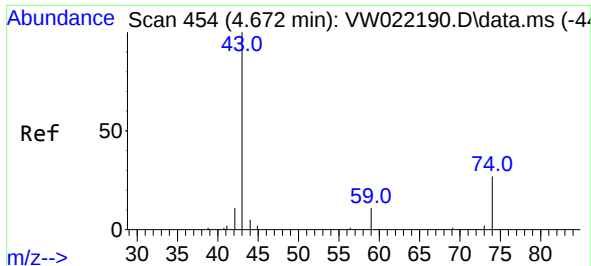
Tgt Ion: 43 Resp: 20202
Ion Ratio Lower Upper
43 100
58 33.9 0.0 69.2



#14
Carbon disulfide
Concen: 16.894 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022195.D
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Tgt Ion: 76 Resp: 88036
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

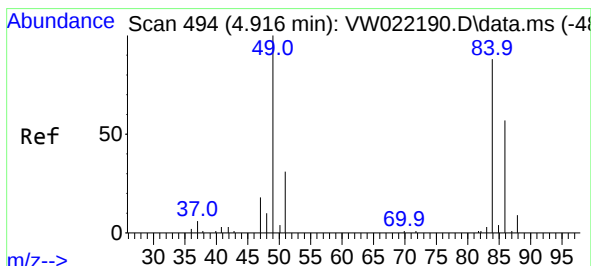
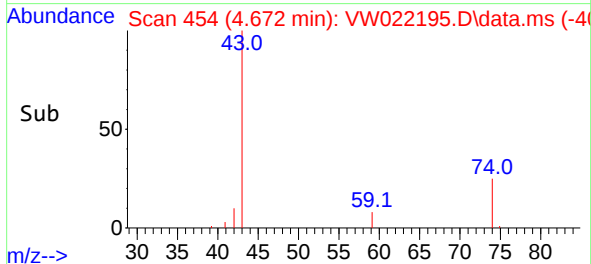
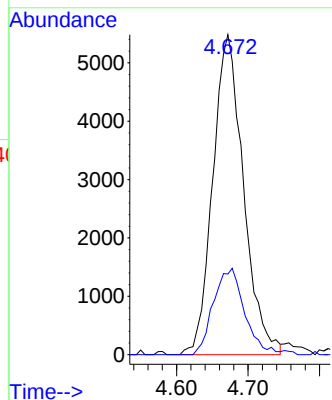
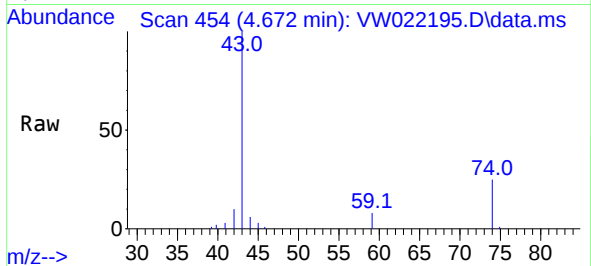




#15
Methyl Acetate
Concen: 20.818 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

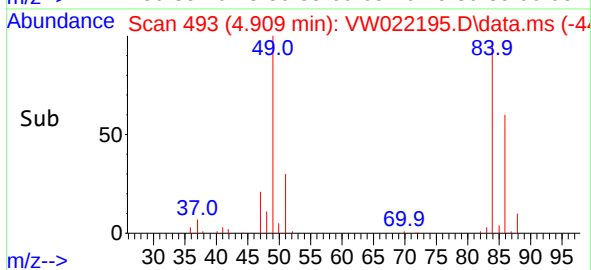
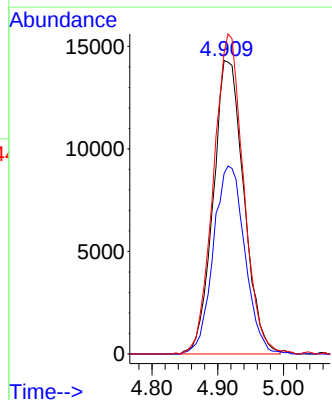
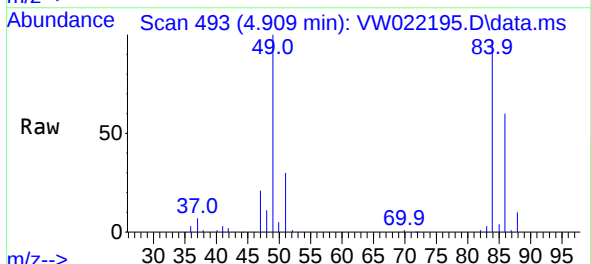
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

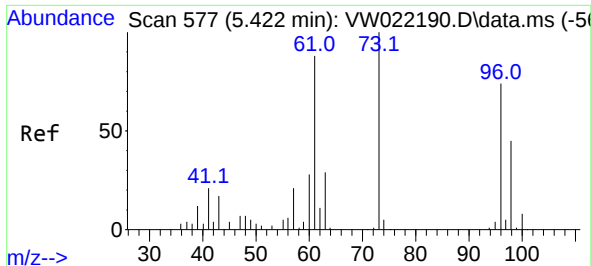
Tgt Ion: 43 Resp: 16334
Ion Ratio Lower Upper
43 100
74 26.8 23.0 34.6



#16
Methylene chloride
Concen: 19.444 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 84 Resp: 46439
Ion Ratio Lower Upper
84 100
86 61.5 45.8 85.0
49 102.6 73.8 137.0

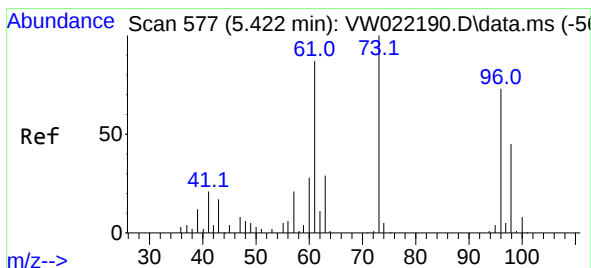
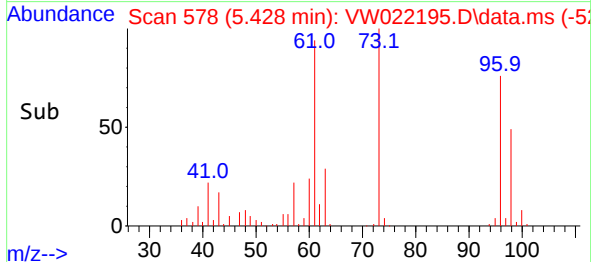
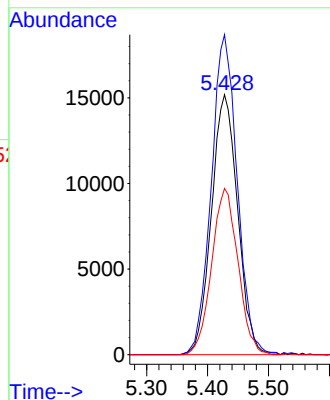
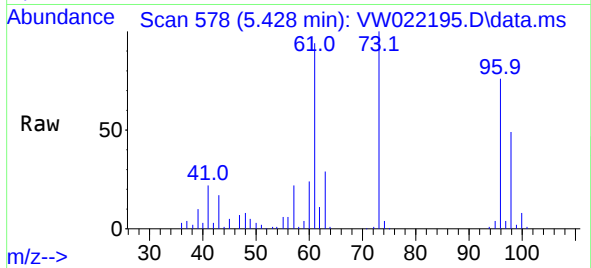




#17
trans-1,2-Dichloroethene
Concen: 20.625 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

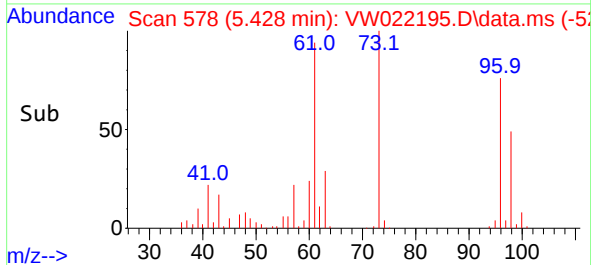
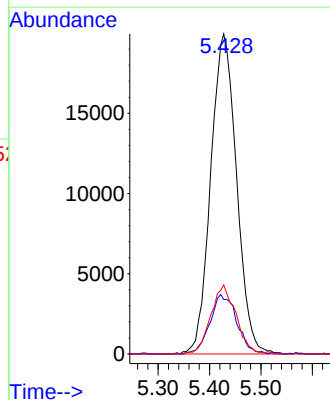
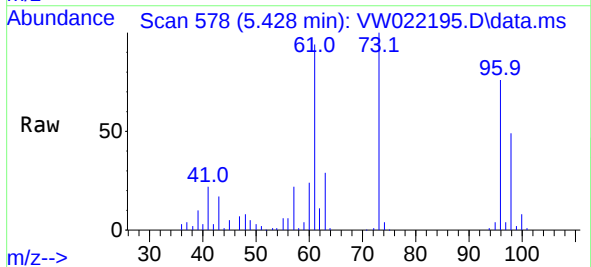
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

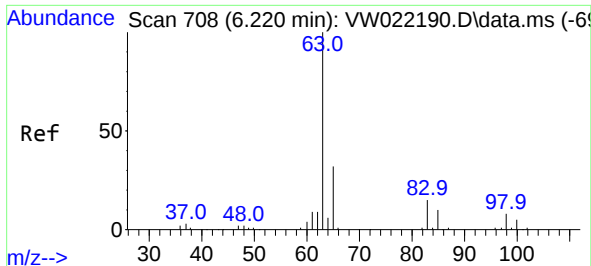
Tgt Ion: 96 Resp: 45535
Ion Ratio Lower Upper
96 100
61 123.1 87.3 162.1
98 63.9 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 23.194 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 73 Resp: 69666
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 20.8 16.5 24.7

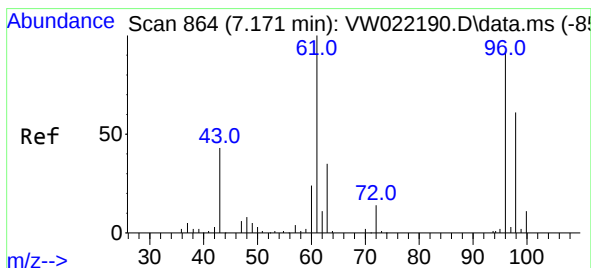
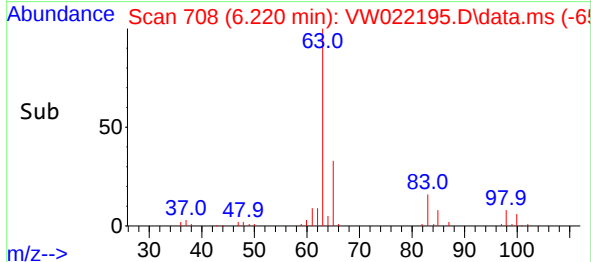
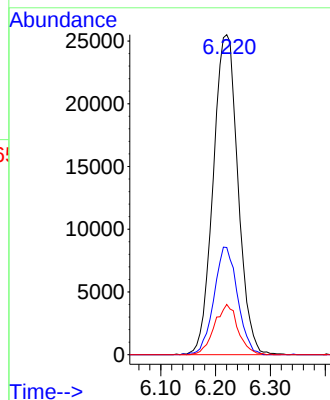
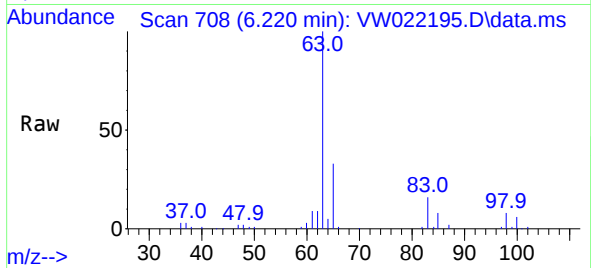




#19
1,1-Dichloroethane
Concen: 22.408 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

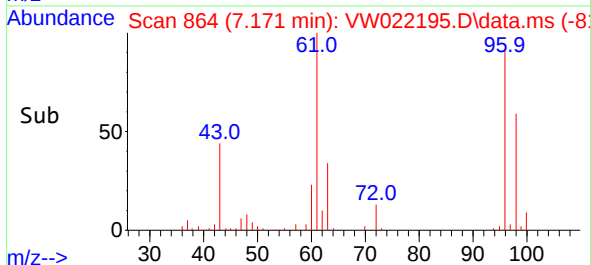
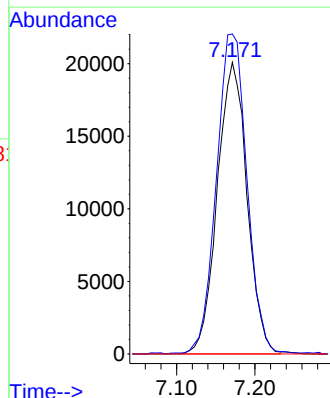
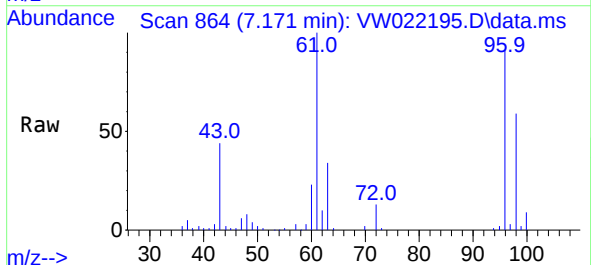
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

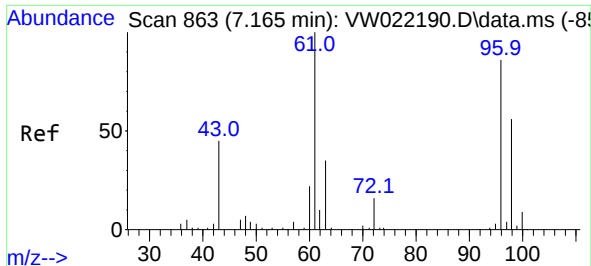
Tgt Ion: 63 Resp: 80090
Ion Ratio Lower Upper
63 100
65 33.5 22.5 41.9
83 15.7 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 22.166 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 96 Resp: 53012
Ion Ratio Lower Upper
96 100
61 109.8 76.8 142.6
68 0.0 0.0 0.0

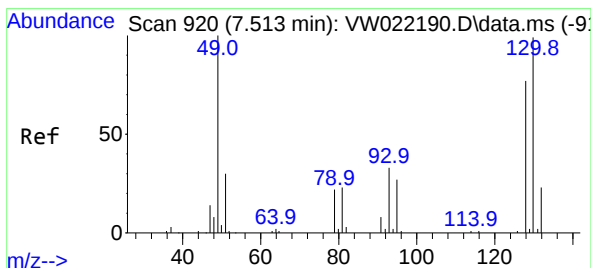
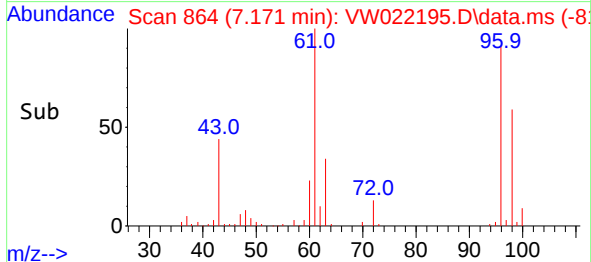
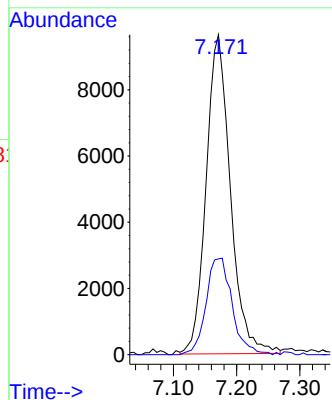
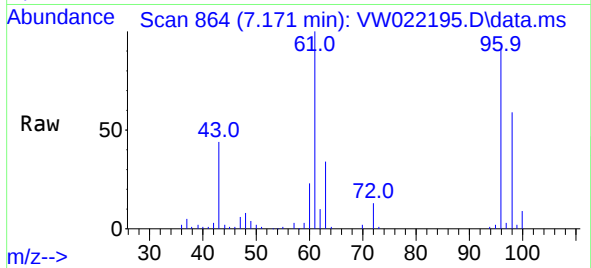




#22
2-Butanone
Concen: 51.471 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

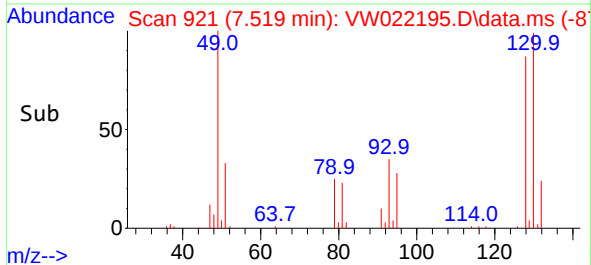
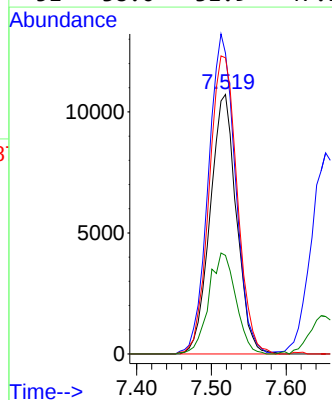
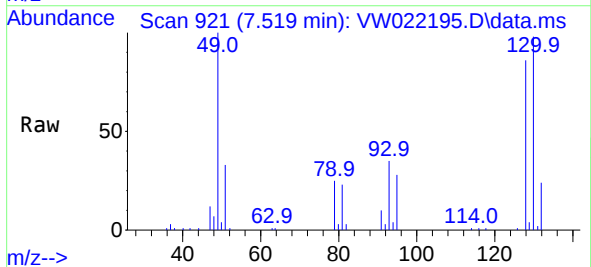
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

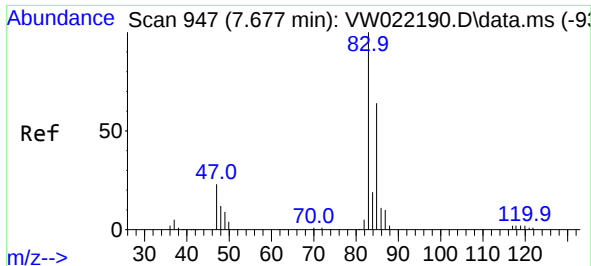
Tgt Ion: 43 Resp: 25769
Ion Ratio Lower Upper
43 100
72 32.3 17.0 51.0



#23
Bromochloromethane
Concen: 22.437 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 128 Resp: 26213
Ion Ratio Lower Upper
128 100
49 115.9 84.2 156.4
130 114.1 84.8 157.4
51 38.0 31.9 47.9





#25

Chloroform

Concen: 22.580 ug/L

RT: 7.683 min Scan# 94

Delta R.T. 0.006 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

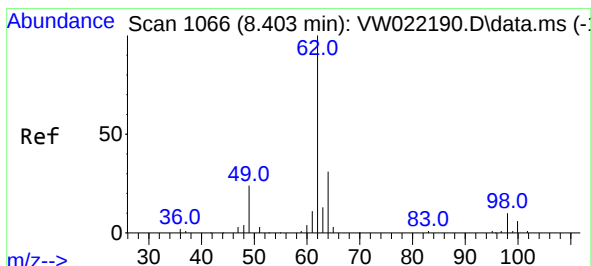
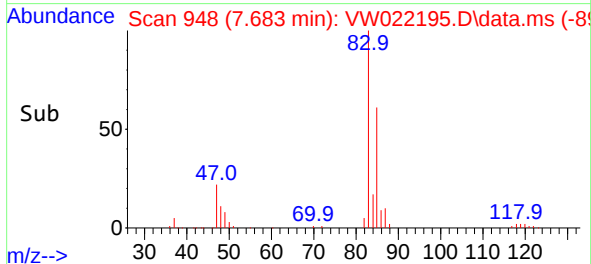
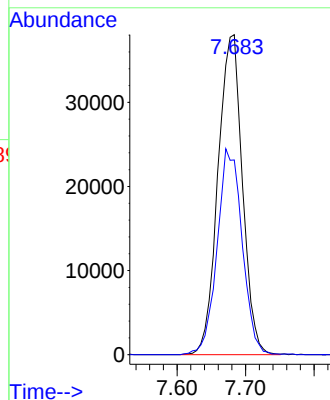
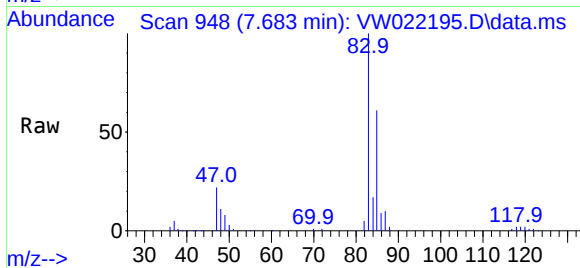
DBRU6MSD

Tgt Ion: 83 Resp: 94165

Ion Ratio Lower Upper

83 100

85 60.8 45.1 83.9



#27

1,2-Dichloroethane

Concen: 21.925 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW022195.D

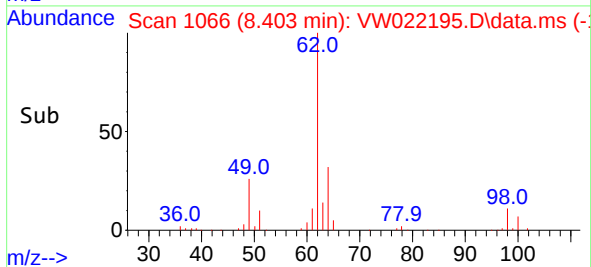
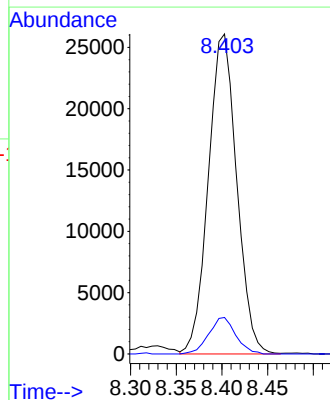
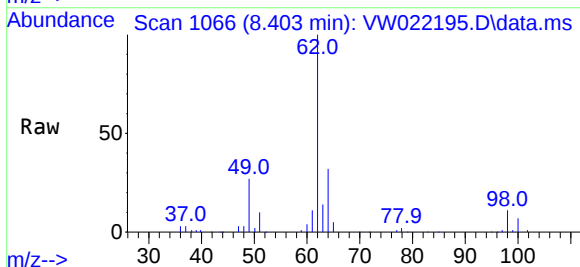
Acq: 07 Mar 2022 12:52

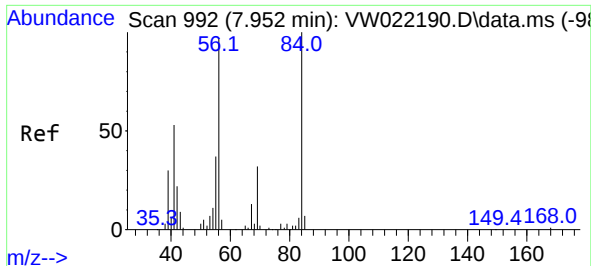
Tgt Ion: 62 Resp: 56316

Ion Ratio Lower Upper

62 100

98 11.4 7.9 11.9

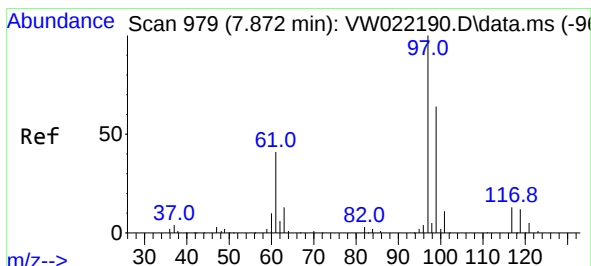
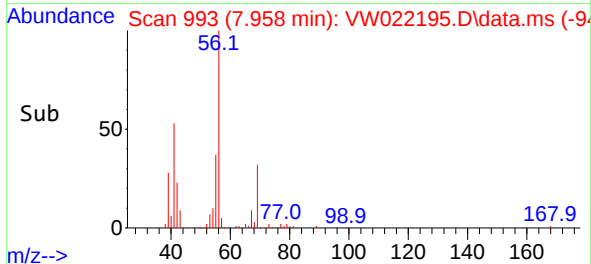
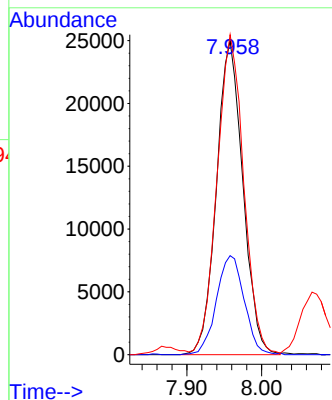
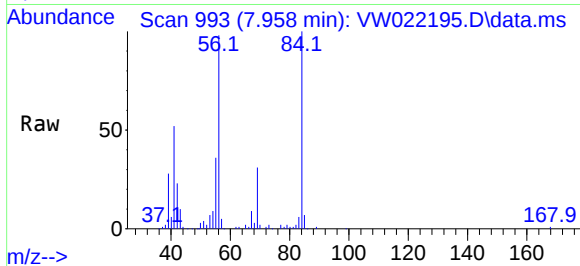




#29
Cyclohexane
Concen: 20.480 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

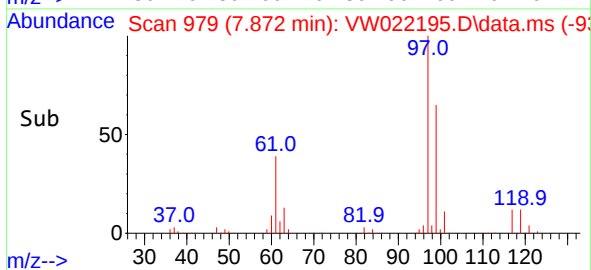
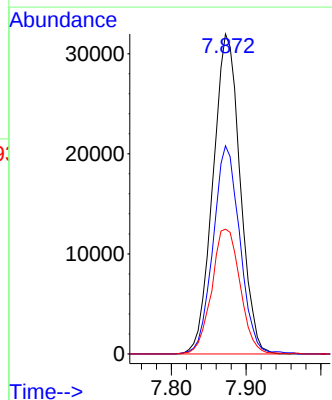
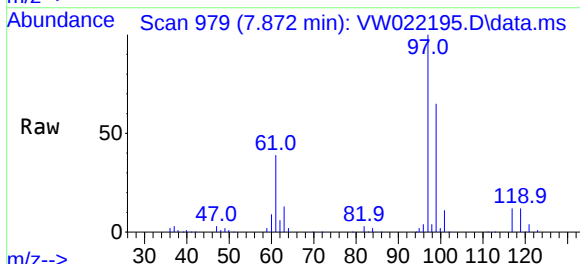
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

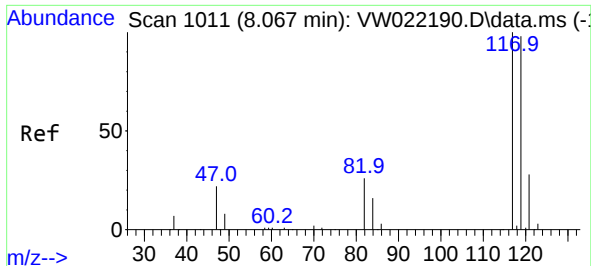
Tgt Ion: 56 Resp: 61336
Ion Ratio Lower Upper
56 100
69 33.2 26.3 39.5
84 103.3 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 22.325 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 97 Resp: 80832
Ion Ratio Lower Upper
97 100
99 63.8 52.6 78.8
61 40.8 33.0 49.6

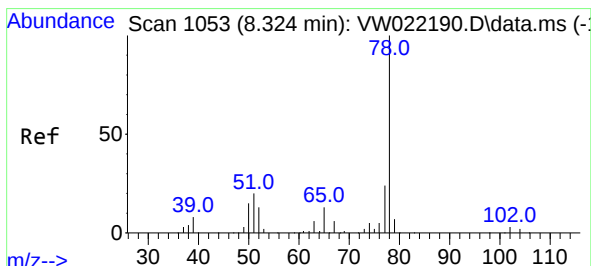
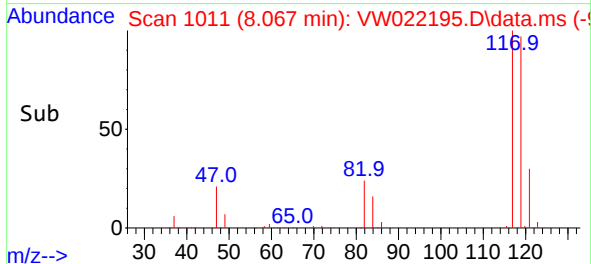
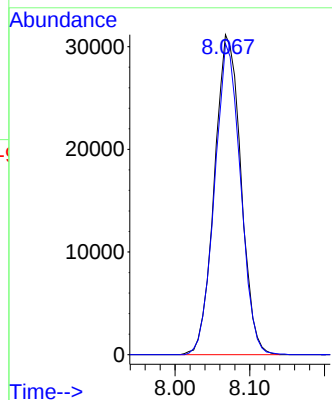
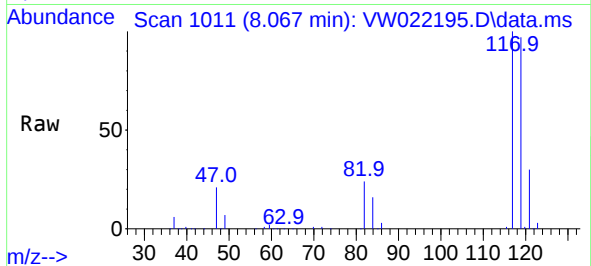




#31
Carbon tetrachloride
Concen: 22.272 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

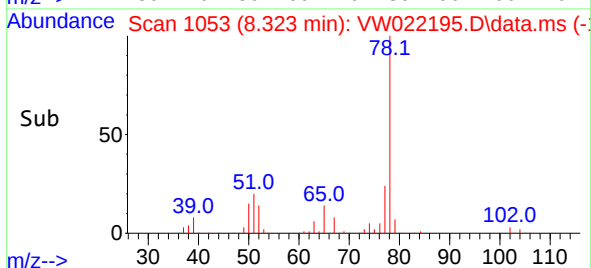
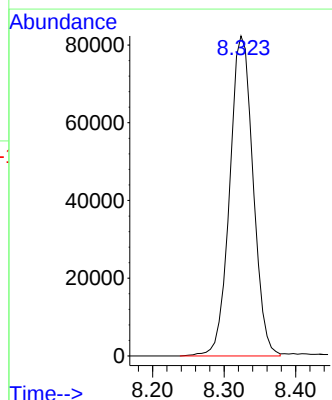
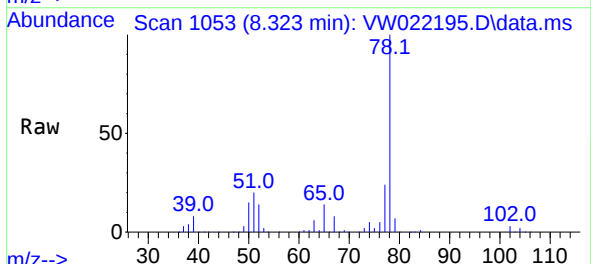
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

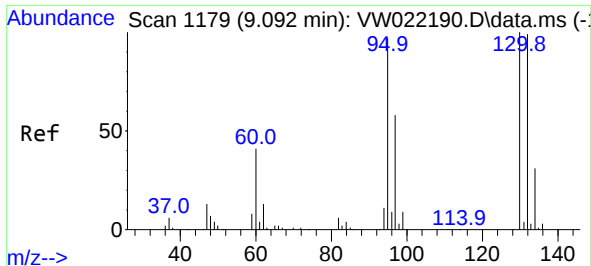
Tgt Ion:117 Resp: 76638
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1



#33
Benzene
Concen: 21.508 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 78 Resp: 187137

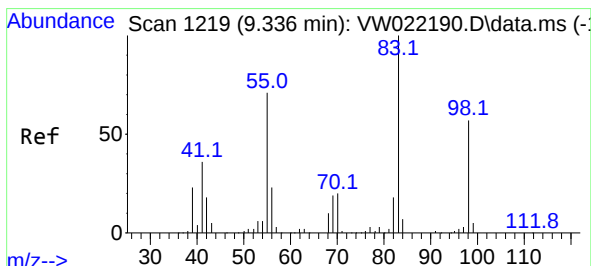
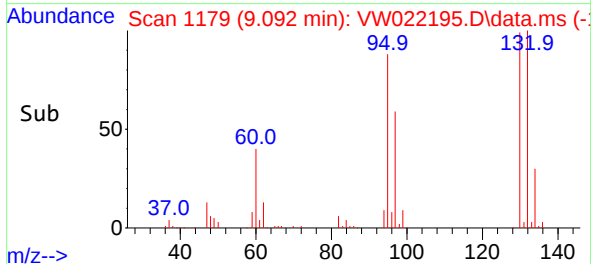
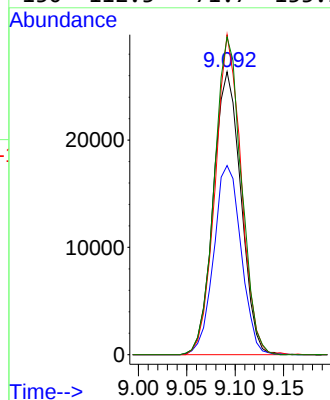
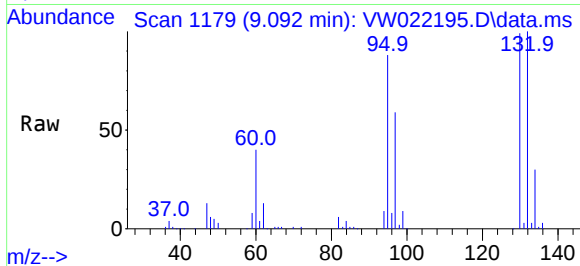




#34
Trichloroethene
Concen: 21.003 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

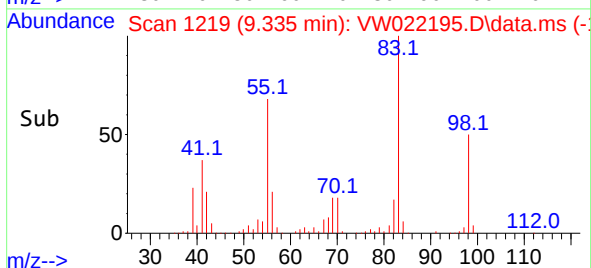
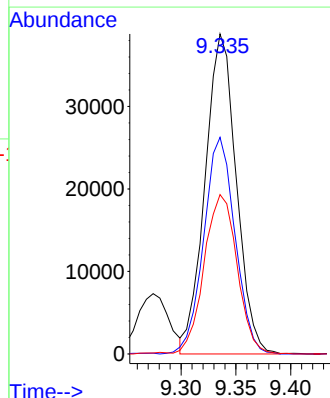
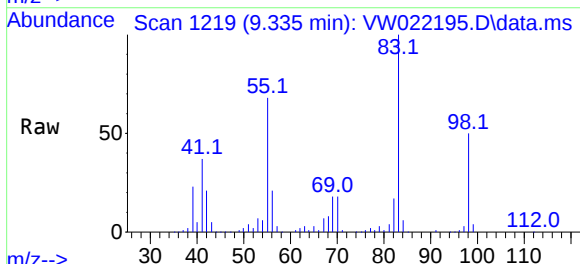
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

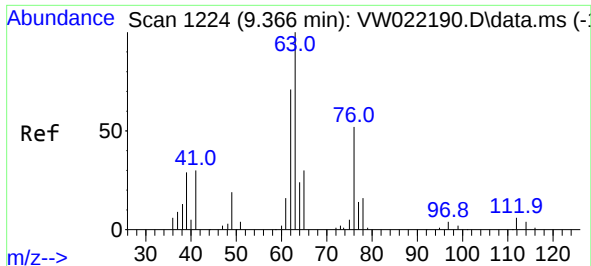
Tgt Ion: 95 Resp: 52323
Ion Ratio Lower Upper
95 100
97 66.9 44.4 82.4
132 113.1 71.7 133.1
130 112.3 71.7 133.1



#35
Methylcyclohexane
Concen: 19.975 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 83 Resp: 76971
Ion Ratio Lower Upper
83 100
55 67.9 53.8 80.8
98 52.5 42.1 63.1

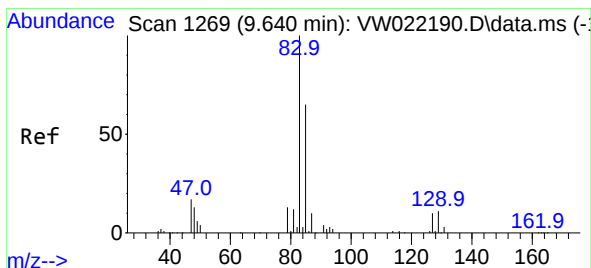
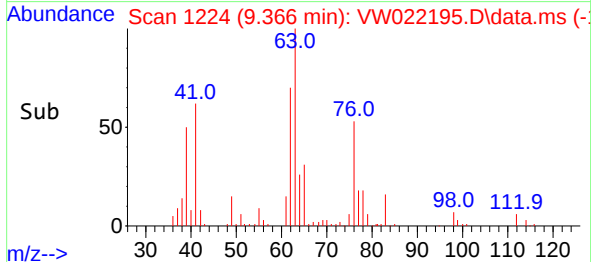
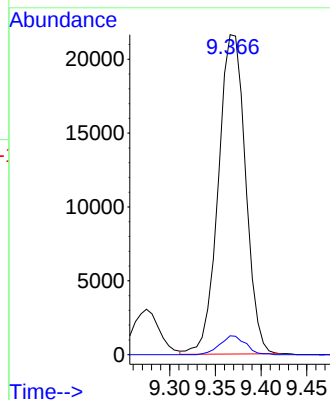
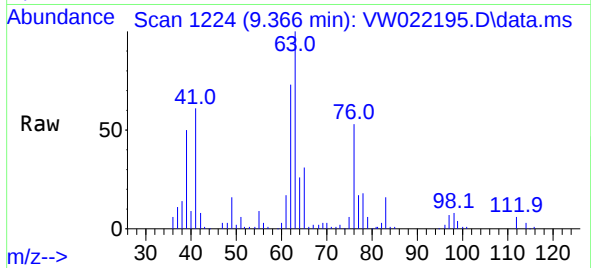




#37
1,2-Dichloropropane
Concen: 22.101 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

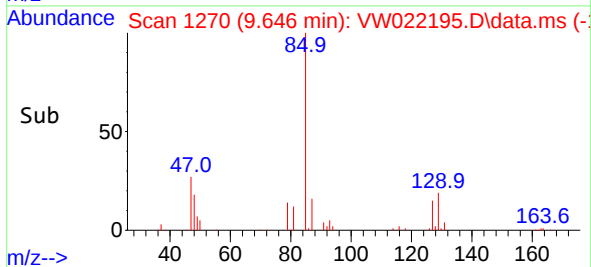
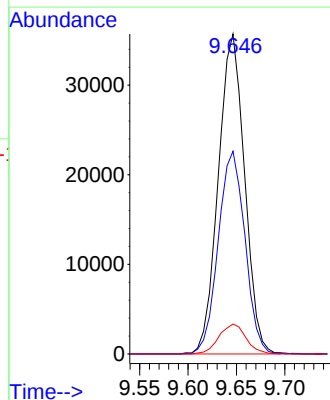
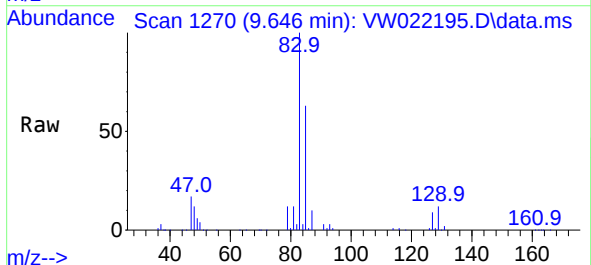
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

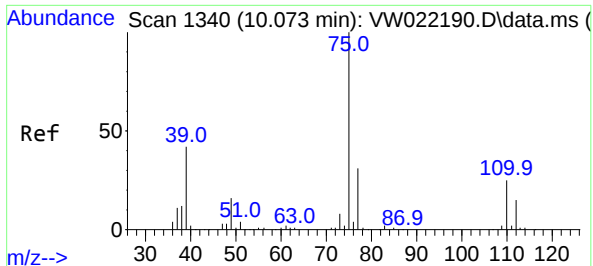
Tgt Ion: 63 Resp: 44861
Ion Ratio Lower Upper
63 100
112 5.6 4.1 6.1



#38
Bromodichloromethane
Concen: 23.180 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 83 Resp: 67474
Ion Ratio Lower Upper
83 100
85 63.4 47.9 89.1
127 9.4 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 23.572 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

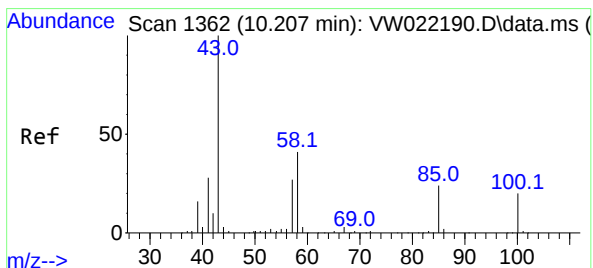
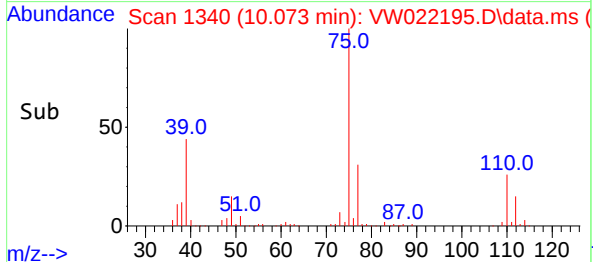
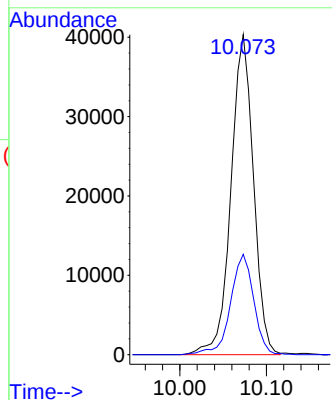
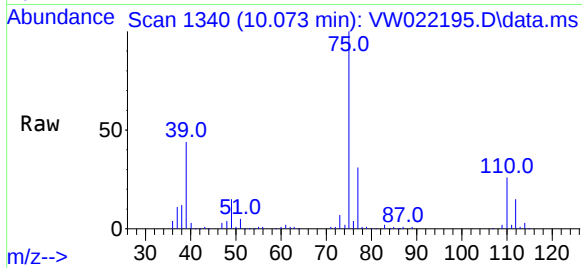
DBRU6MSD

Tgt Ion: 75 Resp: 72731

Ion Ratio Lower Upper

75 100

77 31.4 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 45.180 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

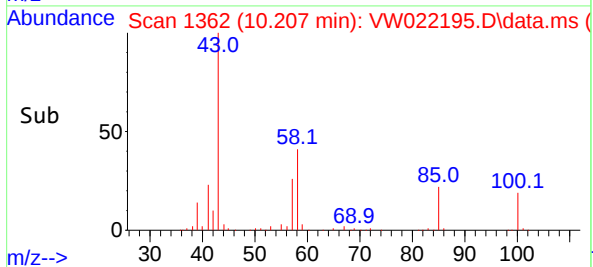
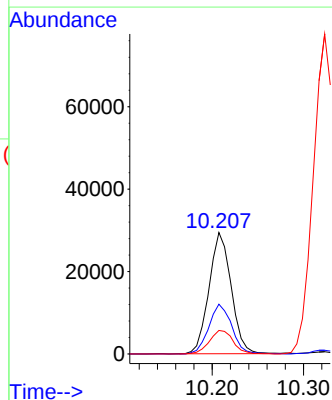
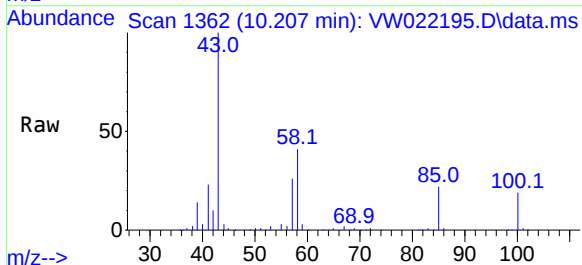
Tgt Ion: 43 Resp: 49525

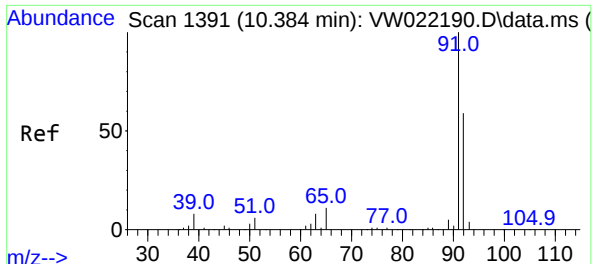
Ion Ratio Lower Upper

43 100

58 42.6 33.2 49.8

100 20.8 16.1 24.1

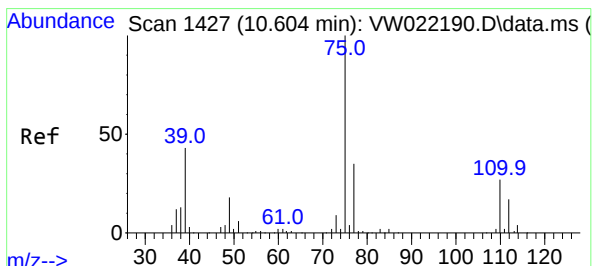
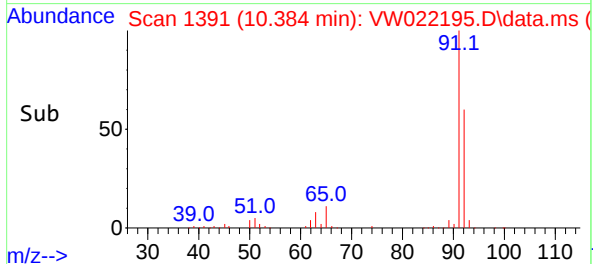
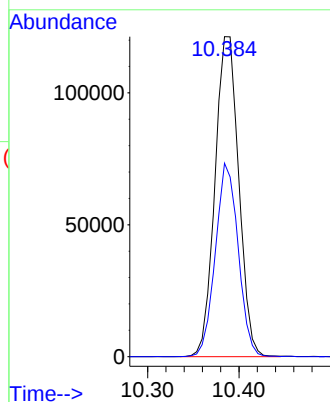
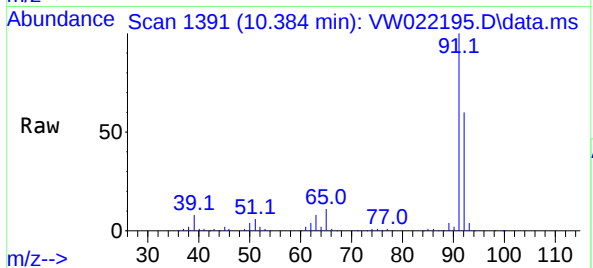




#42
Toluene
Concen: 22.299 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

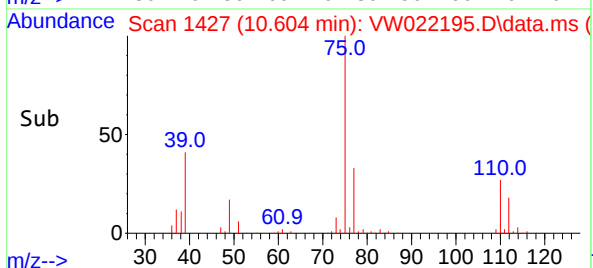
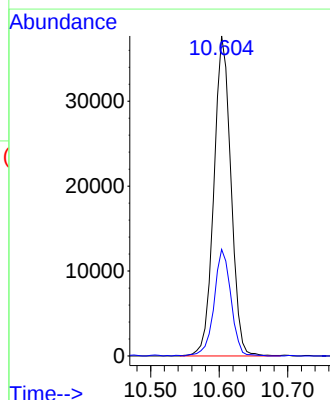
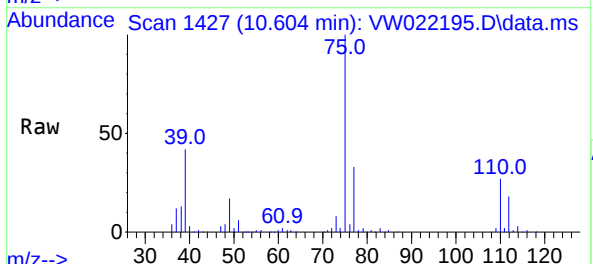
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

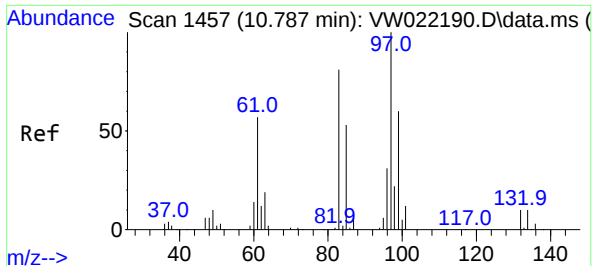
Tgt Ion: 91 Resp: 219591
Ion Ratio Lower Upper
91 100
92 60.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 23.539 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 75 Resp: 65266
Ion Ratio Lower Upper
75 100
77 33.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.731 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

DBRU6MSD

Tgt Ion: 97 Resp: 40914

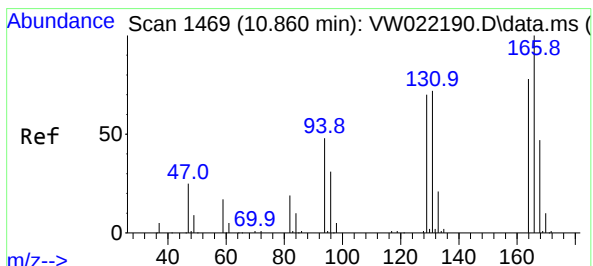
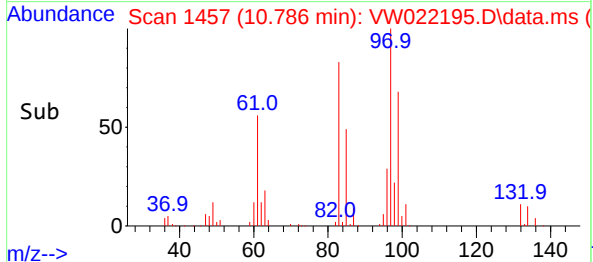
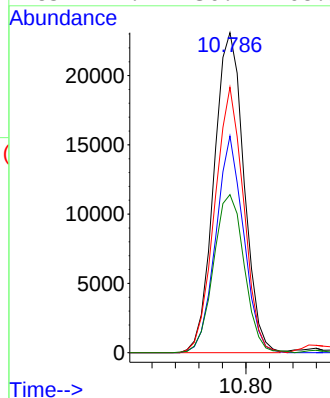
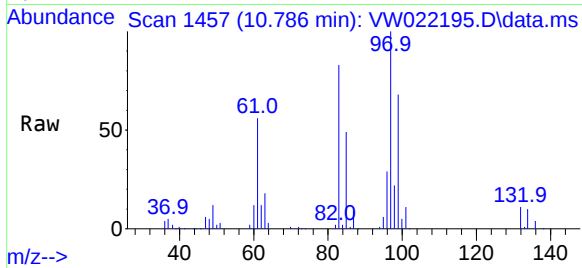
Ion Ratio Lower Upper

97 100

99 67.7 43.5 80.7

83 83.0 53.5 99.3

85 49.4 36.9 68.5



#46

Tetrachloroethene

Concen: 20.741 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Tgt Ion:164 Resp: 45263

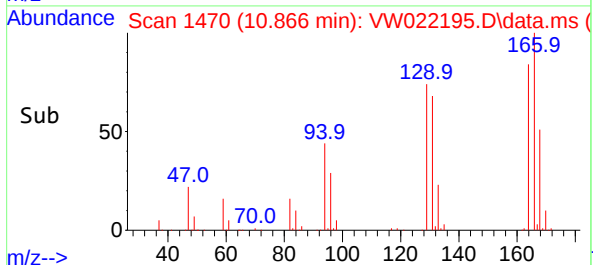
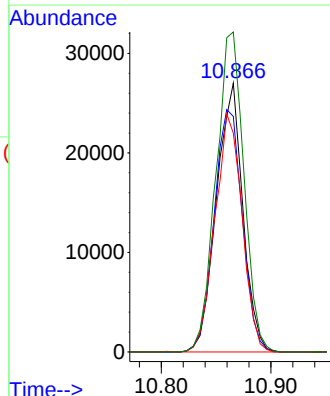
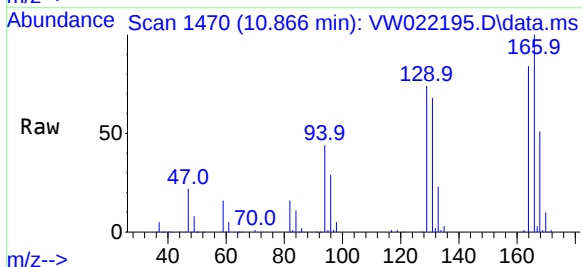
Ion Ratio Lower Upper

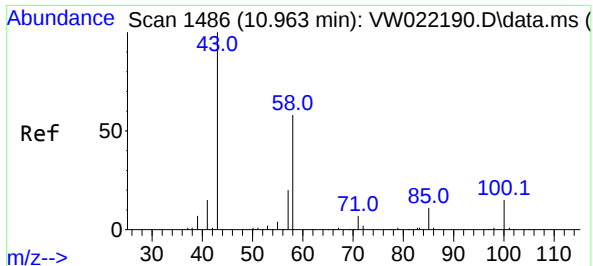
164 100

129 87.6 60.3 111.9

131 81.4 59.9 111.3

166 119.0 77.0 143.0





#48

2-Hexanone

Concen: 51.813 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

DBRU6MSD

Tgt Ion: 43 Resp: 39420

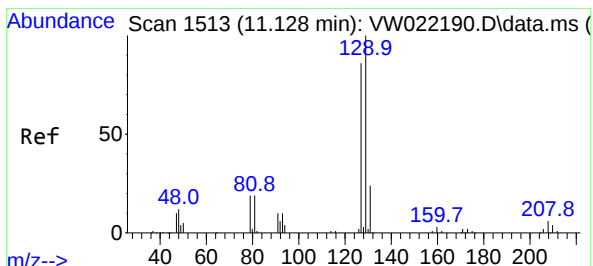
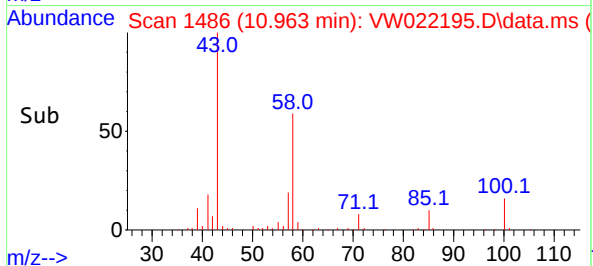
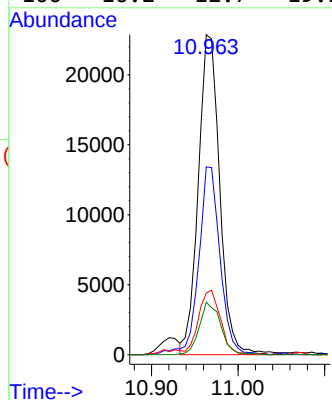
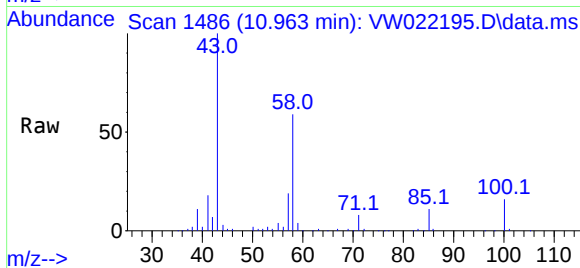
Ion Ratio Lower Upper

43 100

58 58.4 44.6 66.8

57 20.3 15.8 23.8

100 16.2 12.7 19.1



#49

Dibromochloromethane

Concen: 23.307 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022195.D

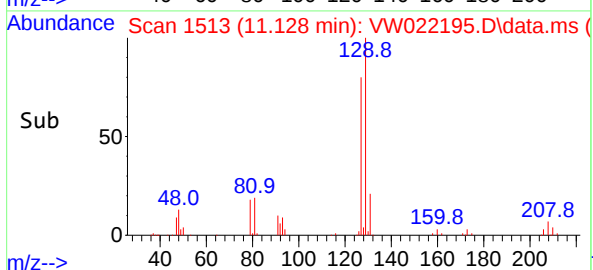
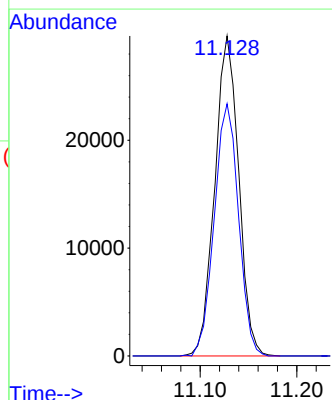
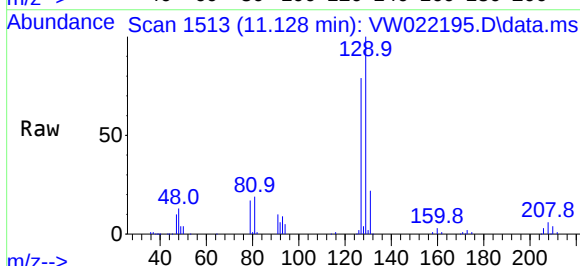
Acq: 07 Mar 2022 12:52

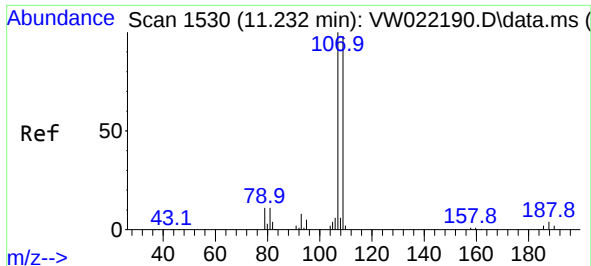
Tgt Ion:129 Resp: 50958

Ion Ratio Lower Upper

129 100

127 78.8 54.5 101.1





#50

1,2-Dibromoethane

Concen: 22.566 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

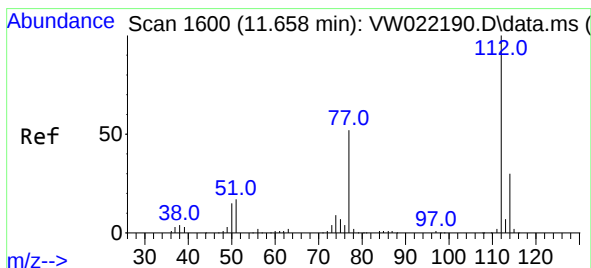
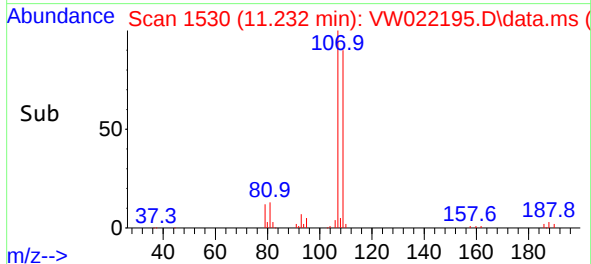
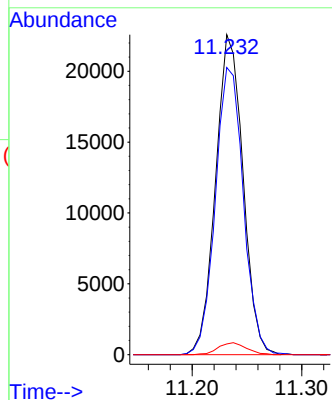
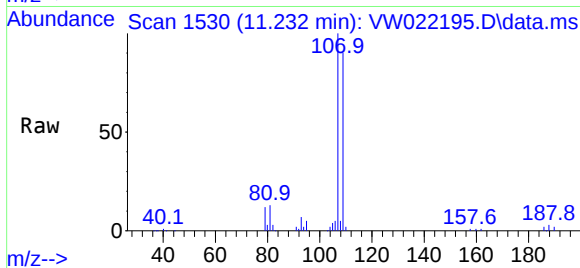
Instrument :

MSVOA_W

ClientSampleId :

DBRU6MSD

Tgt Ion:	107	Resp:	39177
Ion	Ratio	Lower	Upper
107	100		
109	89.7	66.8	124.2
188	3.3	2.6	4.0



#51

Chlorobenzene

Concen: 22.478 ug/L

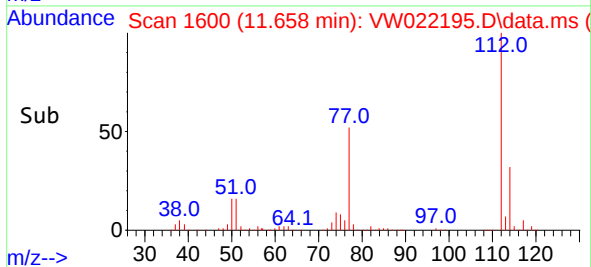
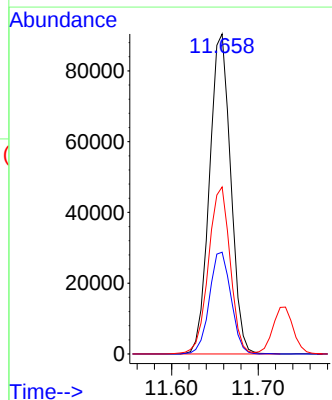
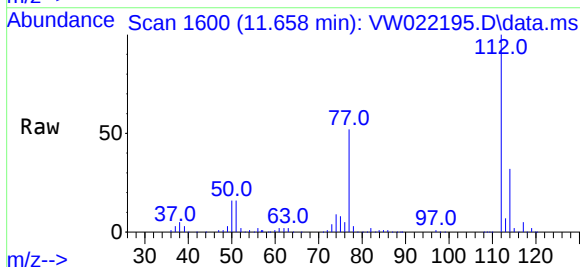
RT: 11.658 min Scan# 1600

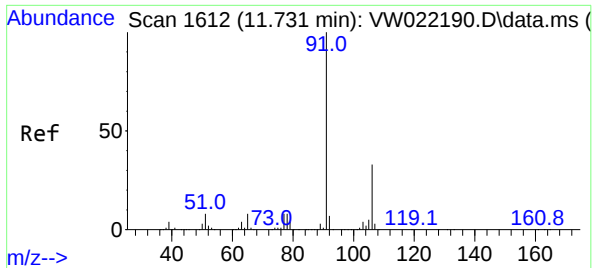
Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Tgt Ion:	112	Resp:	154049
Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.0	42.8
77	52.2	41.8	62.6

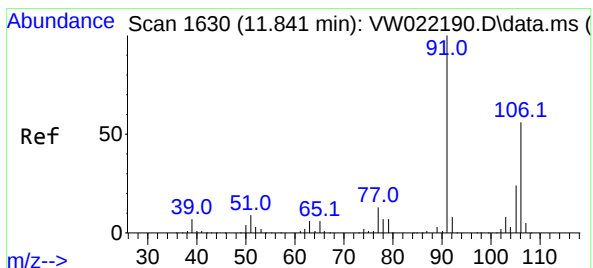
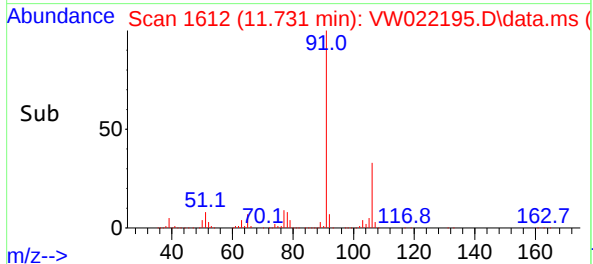
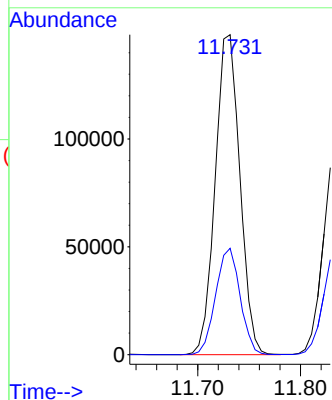
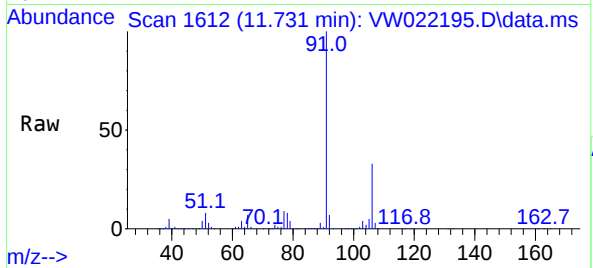




#52
Ethylbenzene
Concen: 22.687 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

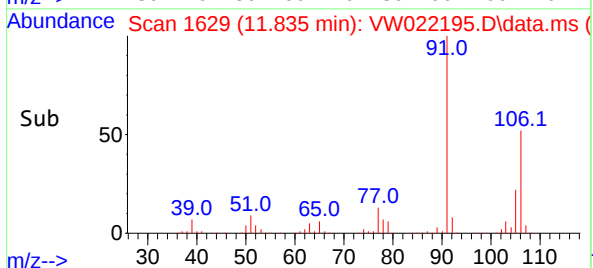
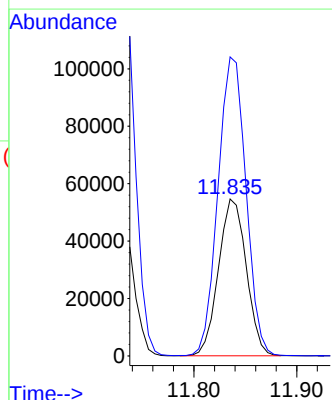
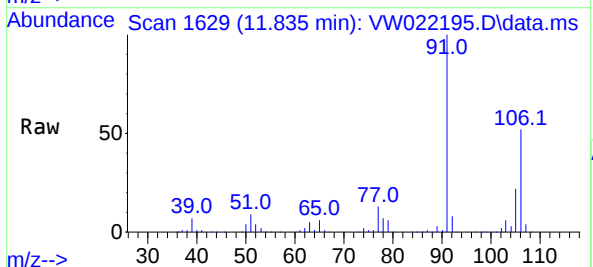
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

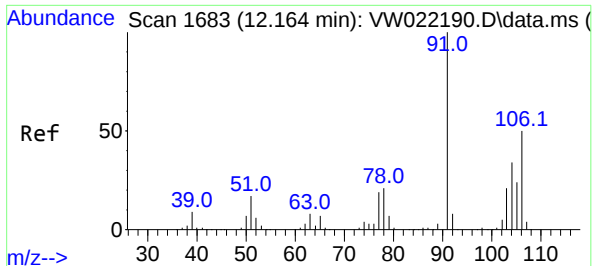
Tgt Ion: 91 Resp: 247257
Ion Ratio Lower Upper
91 100
106 33.3 22.8 42.4



#53
m,p-Xylene
Concen: 22.892 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion:106 Resp: 102659
Ion Ratio Lower Upper
106 100
91 190.6 135.0 250.8

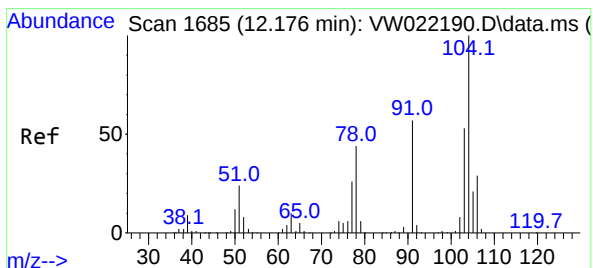
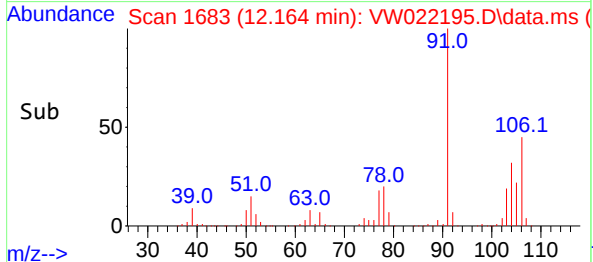
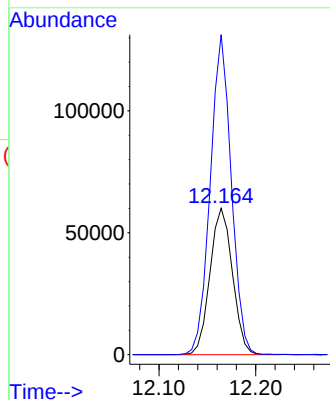
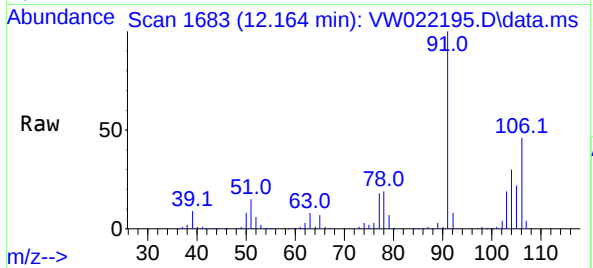




#54
o-Xylene
Concen: 23.018 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

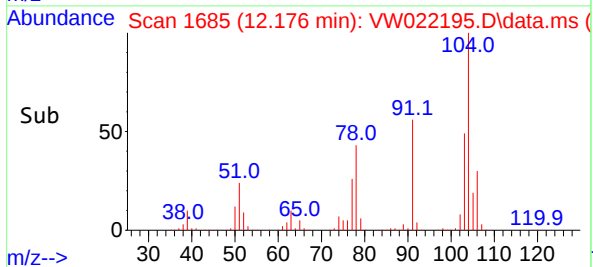
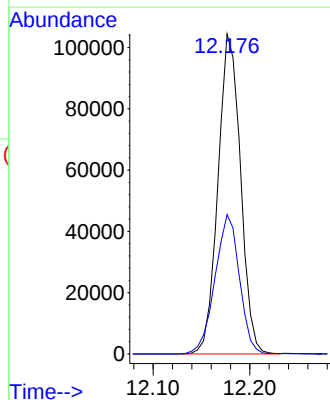
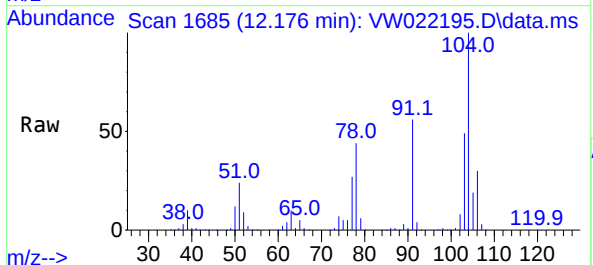
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

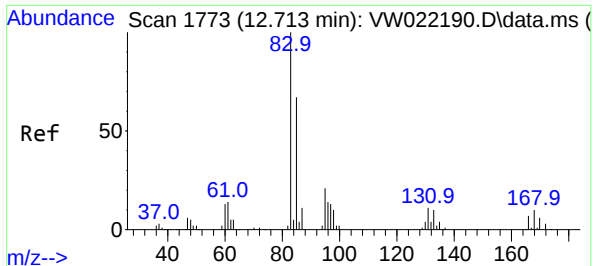
Tgt Ion:106 Resp: 97125
Ion Ratio Lower Upper
106 100
91 218.6 136.9 254.3



#55
Styrene
Concen: 23.842 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion:104 Resp: 168655
Ion Ratio Lower Upper
104 100
78 43.5 27.8 51.6



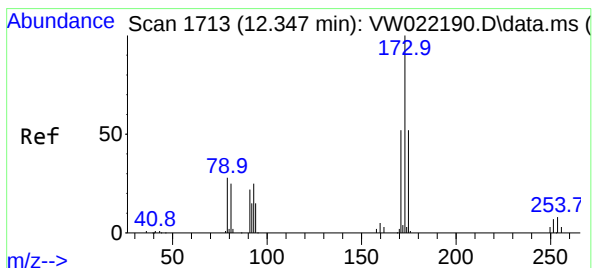
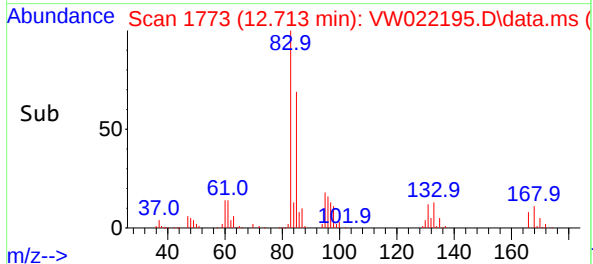
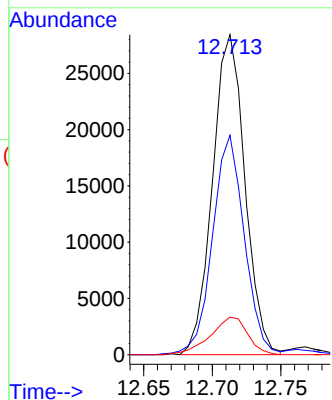
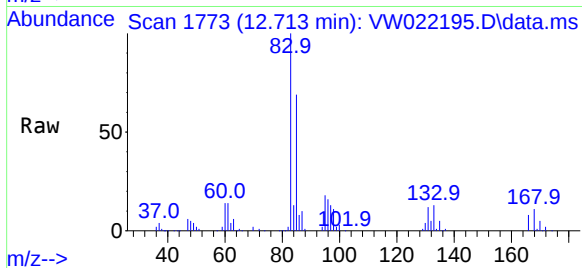


#57
1,1,2,2-Tetrachloroethane
Concen: 22.428 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

Tgt Ion: 83 Resp: 46839

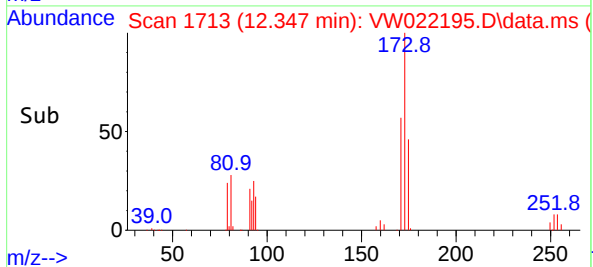
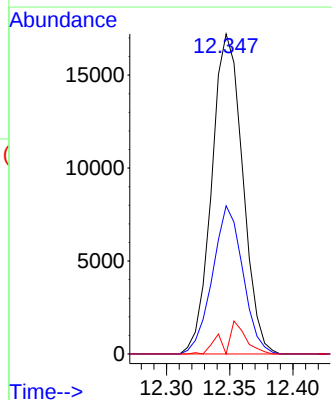
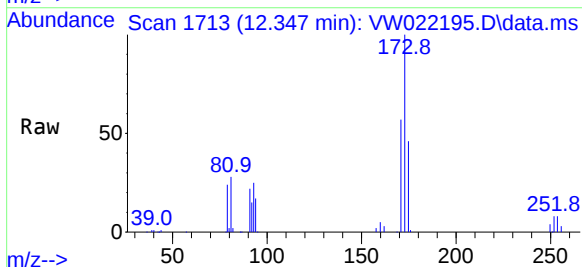
Ion	Ratio	Lower	Upper
83	100		
85	68.6	44.2	82.0
131	11.8	9.4	14.0



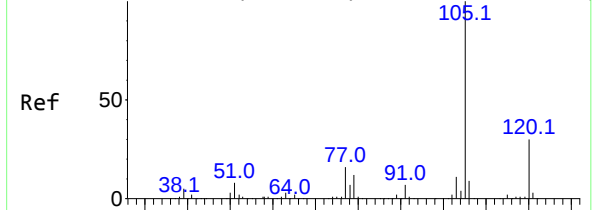
#59
Bromoform
Concen: 21.854 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 173 Resp: 29294

Ion	Ratio	Lower	Upper
173	100		
175	45.5	38.2	57.4
254	5.0	5.0	7.6#

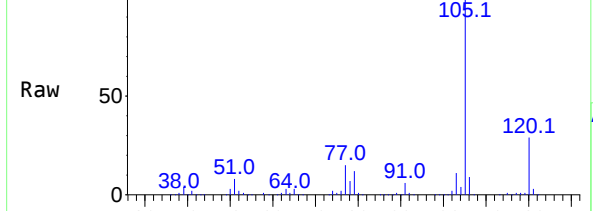


Abundance Scan 1732 (12.463 min): VW022190.D\data.ms (



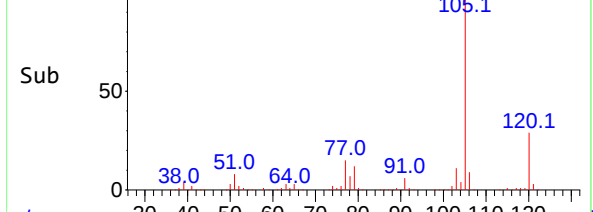
m/z-->

Abundance Scan 1732 (12.463 min): VW022195.D\data.ms



m/z-->

Abundance Scan 1732 (12.463 min): VW022195.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 21.841 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

DBRU6MSD

Tgt Ion:105 Resp: 265751

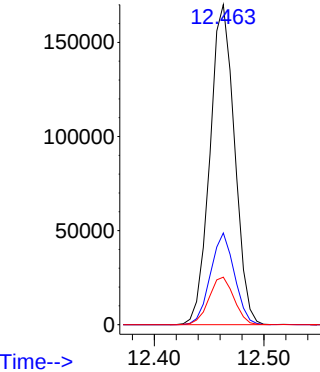
Ion Ratio Lower Upper

105 100

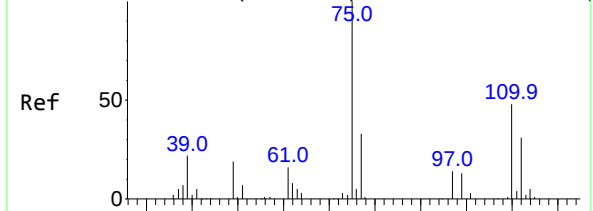
120 27.9 22.1 33.1

77 15.1 12.0 18.0

Abundance

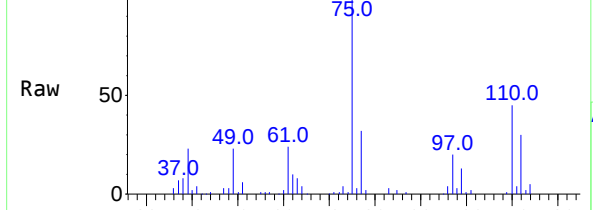


Abundance Scan 1782 (12.768 min): VW022190.D\data.ms (



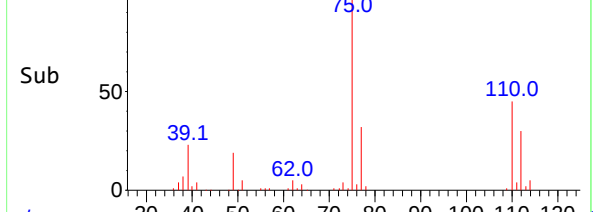
m/z-->

Abundance Scan 1782 (12.768 min): VW022195.D\data.ms



m/z-->

Abundance Scan 1782 (12.768 min): VW022195.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 20.620 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

Tgt Ion: 75 Resp: 32987

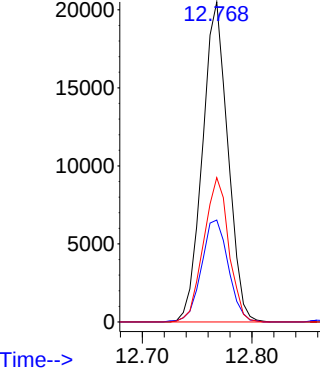
Ion Ratio Lower Upper

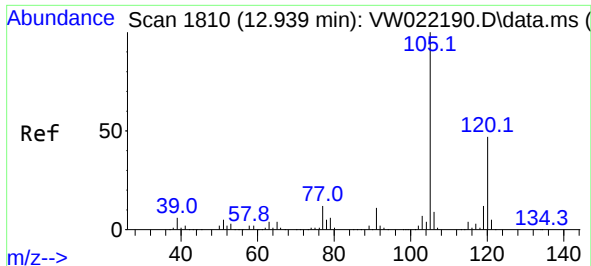
75 100

77 33.8 27.1 40.7

110 44.8 36.7 55.1

Abundance

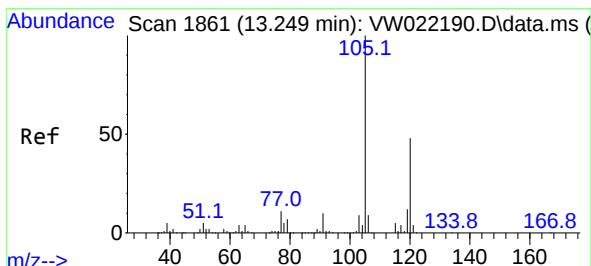
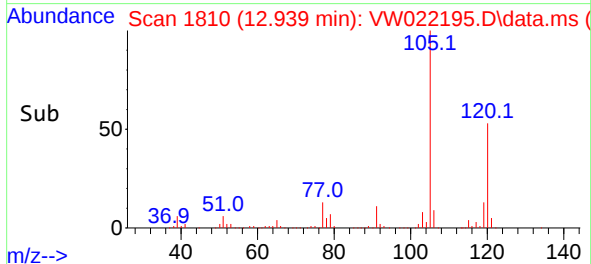
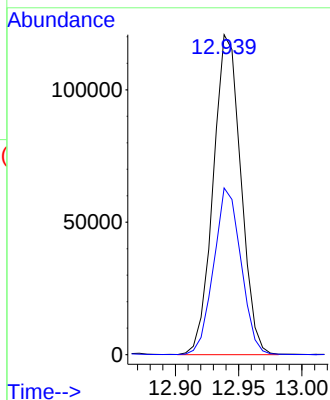
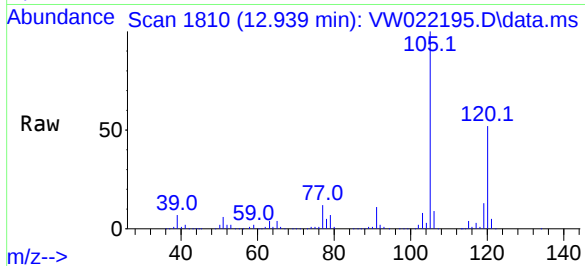




#62
1,3,5-Trimethylbenzene
Concen: 22.672 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

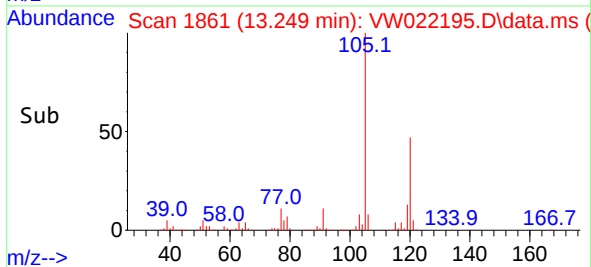
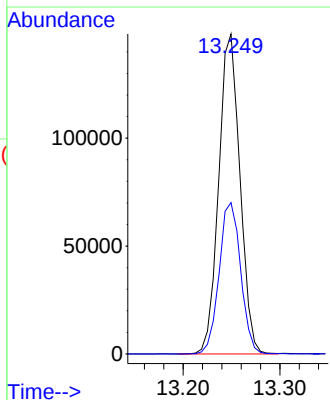
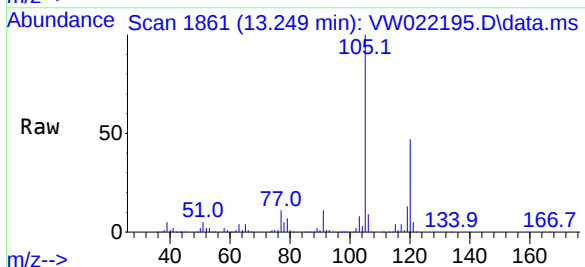
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

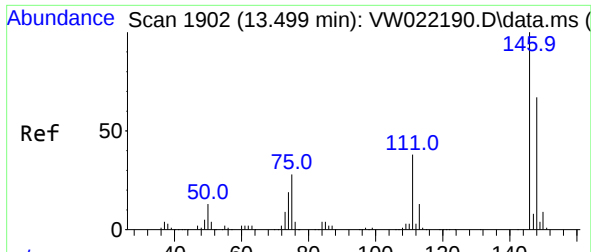
Tgt Ion:105 Resp: 183442
Ion Ratio Lower Upper
105 100
120 51.6 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 22.834 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion:105 Resp: 225788
Ion Ratio Lower Upper
105 100
120 48.0 39.2 58.8





#64

1,3-Dichlorobenzene

Concen: 21.921 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW022195.D

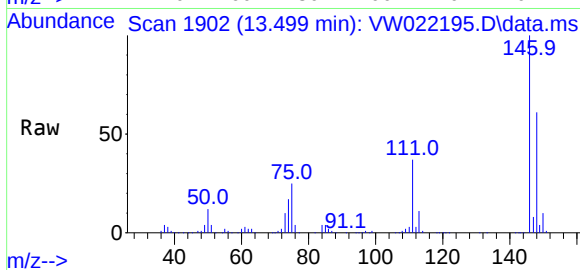
Acq: 07 Mar 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

DBRU6MSD



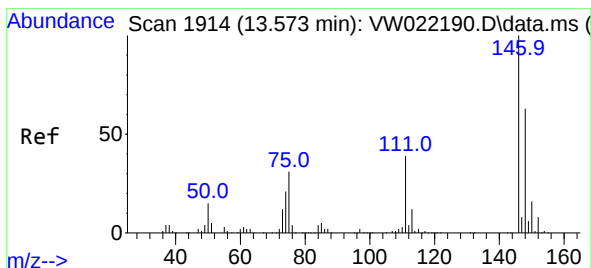
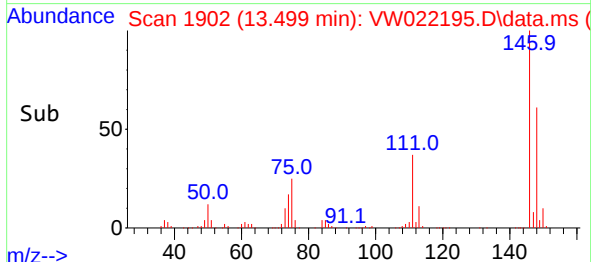
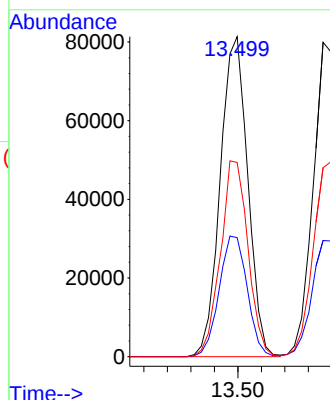
Tgt Ion:146 Resp: 132314

Ion Ratio Lower Upper

146 100

111 37.2 26.9 49.9

148 60.7 41.6 77.2



#65

1,4-Dichlorobenzene

Concen: 21.113 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW022195.D

Acq: 07 Mar 2022 12:52

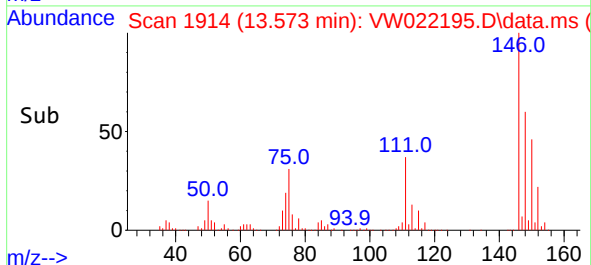
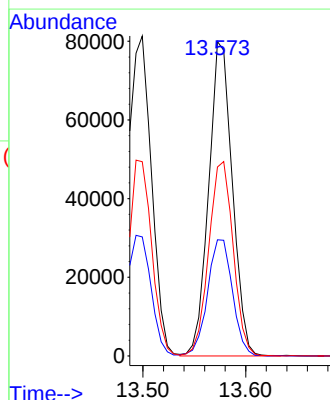
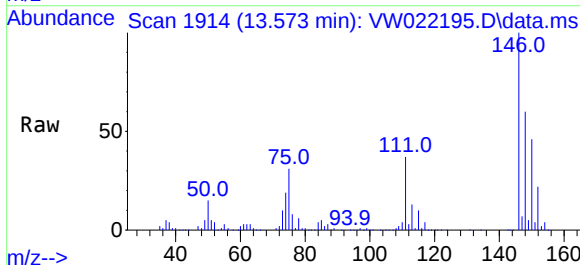
Tgt Ion:146 Resp: 127710

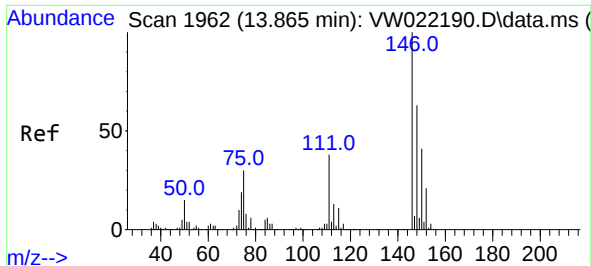
Ion Ratio Lower Upper

146 100

111 37.0 27.5 51.1

148 60.1 42.9 79.7

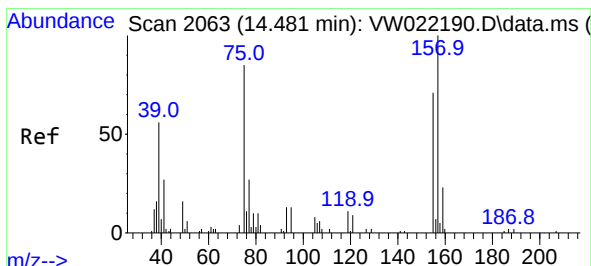
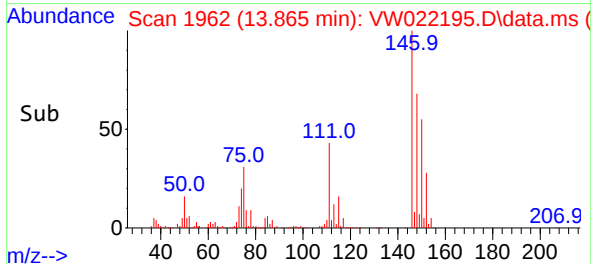
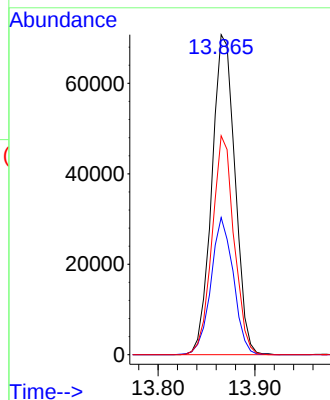
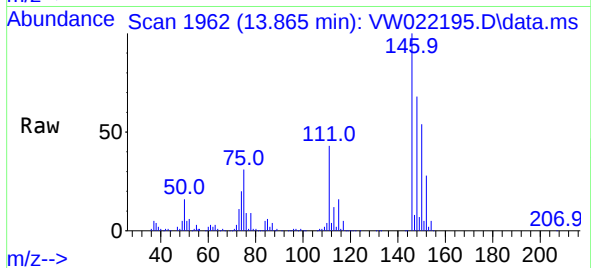




#67
1,2-Dichlorobenzene
Concen: 21.918 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

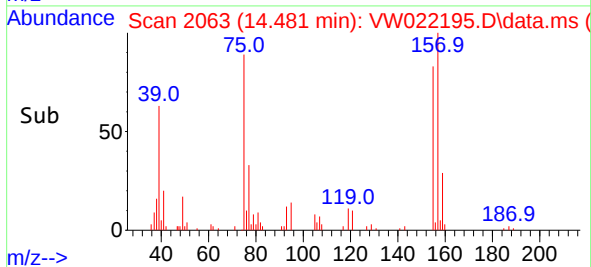
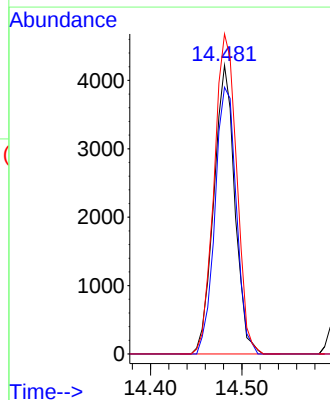
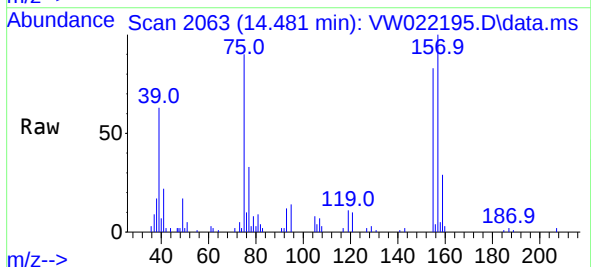
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

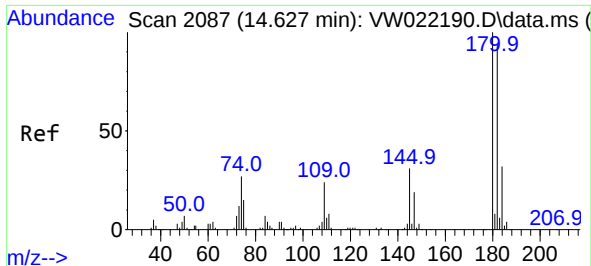
Tgt Ion:146 Resp: 117626
Ion Ratio Lower Upper
146 100
111 42.8 34.8 52.2
148 68.4 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 19.953 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion: 75 Resp: 6748
Ion Ratio Lower Upper
75 100
155 92.4 58.2 87.2#
157 110.9 80.5 120.7

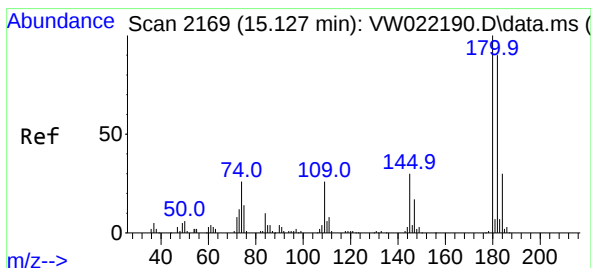
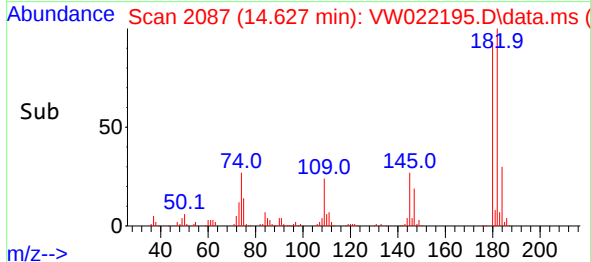
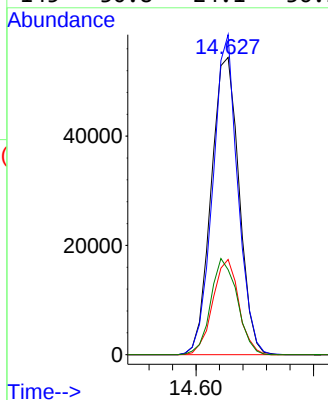
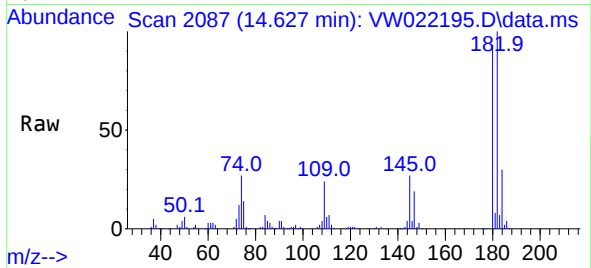




#69
1,3,5-Trichlorobenzene
Concen: 20.699 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

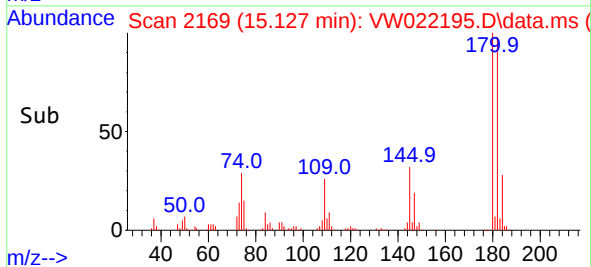
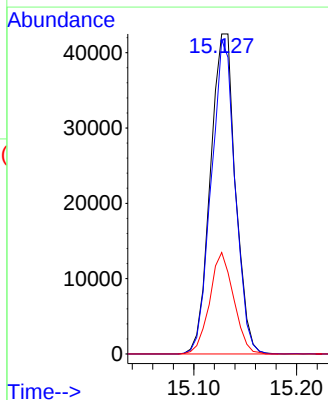
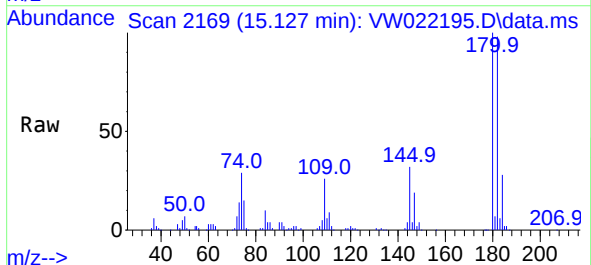
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

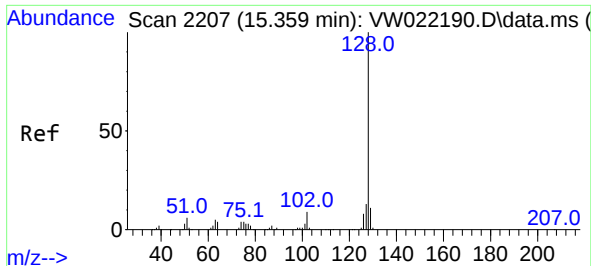
Tgt Ion:	180	Resp:	89675
Ion Ratio	Lower	Upper	
180	100		
182	96.6	69.4	104.0
184	30.0	21.8	32.8
145	30.8	24.1	36.1



#70
1,2,4-trichlorobenzene
Concen: 21.976 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion:	180	Resp:	72039
Ion Ratio	Lower	Upper	
180	100		
182	93.4	77.8	116.6
145	30.4	25.8	38.6



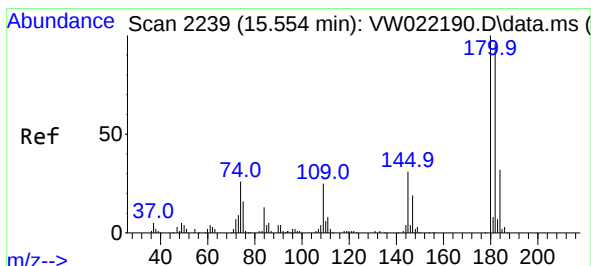
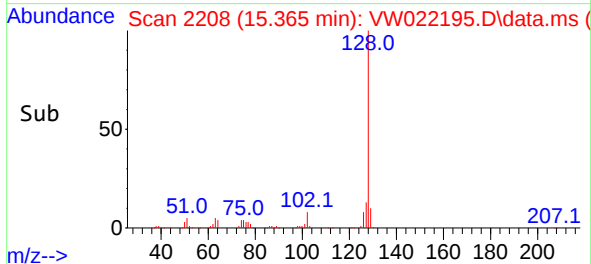
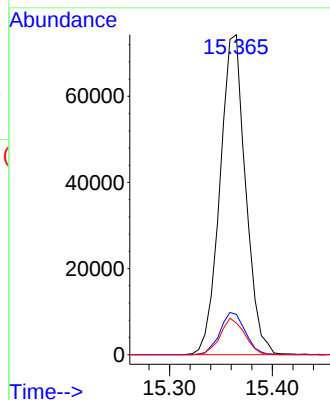
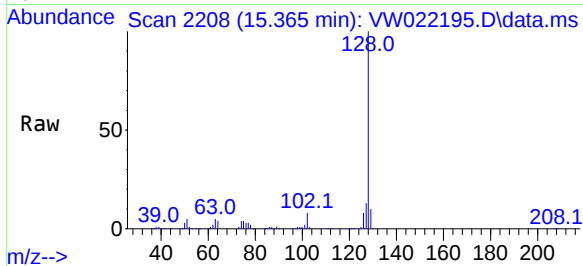


#71
Naphthalene
Concen: 22.210 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Instrument :
MSVOA_W
ClientSampleId :
DBRU6MSD

Tgt Ion:128 Resp: 128523

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.6
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 20.749 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW022195.D
Acq: 07 Mar 2022 12:52

Tgt Ion:180 Resp: 58831

Ion	Ratio	Lower	Upper
180	100		
182	99.3	79.0	118.4
145	33.1	28.0	42.0

