

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031122\
 Data File : VW022291.D
 Acq On : 11 Mar 2022 11:40
 Operator : SY/VA
 Sample : N1819-05MS
 Misc : 6.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 21:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 21:01:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149422	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	140754	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48879	25.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.320%
7) Chloroethane-d5	2.879	69	35406	23.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	4.013	63	58840	19.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.840%
21) 2-Butanone-d5	7.080	46	18383	56.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.200%
24) Chloroform-d	7.647	84	78924	23.674	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.680%
26) 1,2-Dichloroethane-d4	8.305	65	41135	23.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.960%
32) Benzene-d6	8.275	84	148537	22.675	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	9.268	67	41582	22.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	10.323	98	145143	22.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.573	79	18222	22.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.360%
47) 2-Hexanone-d5	10.921	63	15102	50.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.940%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40291	25.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.960%
66) 1,2-Dichlorobenzene-d4	13.847	152	58637	24.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	5515	13.207	ug/L	93
3) Chloromethane	2.209	50	23242	16.242	ug/L	96
5) Vinyl chloride	2.355	62	35033	16.294	ug/L	99
6) Bromomethane	2.770	94	20963	13.960	ug/L	99
8) Chloroethane	2.916	64	19898	16.474	ug/L	99
9) Trichlorofluoromethane	3.251	101	22248	15.241	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	30543	17.150	ug/L	98
12) 1,1-Dichloroethene	4.032	96	24289	15.736	ug/L #	79
13) Acetone	4.123	43	10197	38.100	ug/L	100
14) Carbon disulfide	4.385	76	44170	11.038	ug/L	98
15) Methyl Acetate	4.666	43	10953	18.179	ug/L	100
16) Methylene chloride	4.916	84	30700	16.739	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	26358	15.547	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	44803	19.424	ug/L #	88
19) 1,1-Dichloroethane	6.220	63	49557	18.056	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	33490	18.235	ug/L	99
22) 2-Butanone	7.171	43	15207	39.555	ug/L	98
23) Bromochloromethane	7.513	128	16179	18.034	ug/L	97
25) Chloroform	7.677	83	59656	18.628	ug/L	96

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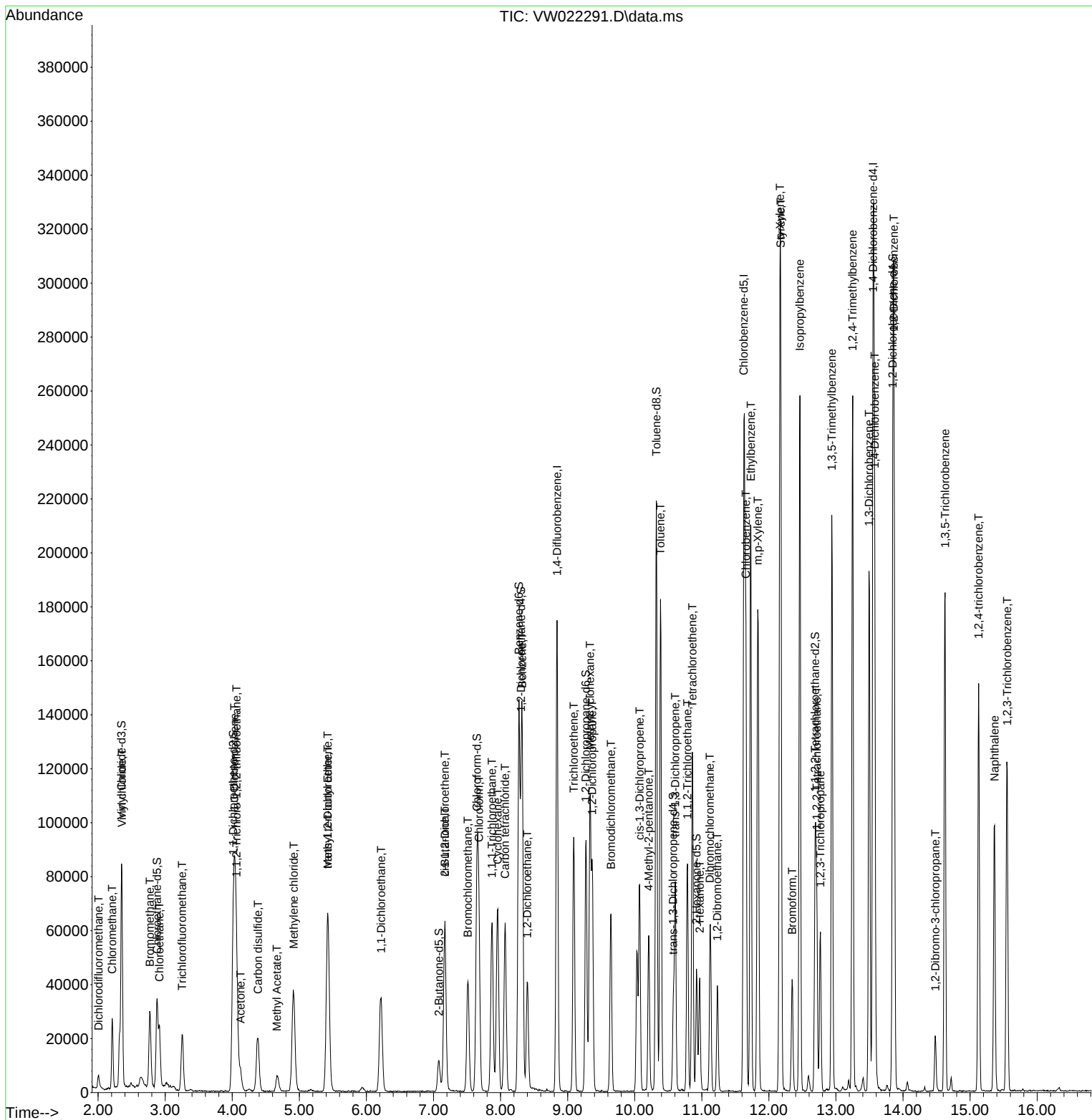
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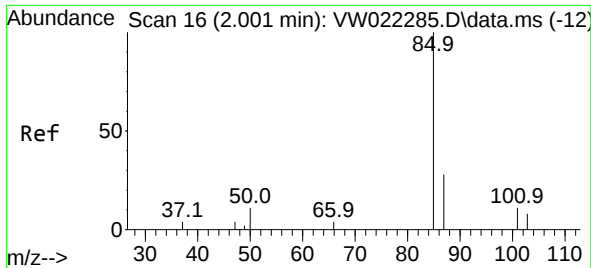
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 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 21:01:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	36647	18.579	ug/L	97
29) Cyclohexane	7.958	56	34182	14.593	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	50506	17.835	ug/L	99
31) Carbon tetrachloride	8.067	117	46080	17.122	ug/L	97
33) Benzene	8.323	78	118067	17.350	ug/L	100
34) Trichloroethene	9.092	95	31883	16.363	ug/L	97
35) Methylcyclohexane	9.335	83	46099	15.296	ug/L	98
37) 1,2-Dichloropropane	9.366	63	29486	18.573	ug/L	98
38) Bromodichloromethane	9.646	83	42581	18.703	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	45506	18.857	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	34355	40.071	ug/L	99
42) Toluene	10.384	91	135121	17.543	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	40669	18.754	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	26405	18.756	ug/L	95
46) Tetrachloroethene	10.860	164	27837	16.309	ug/L	90
48) 2-Hexanone	10.969	43	24722	41.546	ug/L	98
49) Dibromochloromethane	11.122	129	33300	19.474	ug/L	96
50) 1,2-Dibromoethane	11.232	107	23923	17.618	ug/L	88
51) Chlorobenzene	11.658	112	95850	17.882	ug/L	97
52) Ethylbenzene	11.731	91	151410	17.763	ug/L	100
53) m,p-Xylene	11.835	106	61430	17.514	ug/L	91
54) o-Xylene	12.164	106	60652	18.378	ug/L	96
55) Styrene	12.176	104	104464	18.881	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	32446	19.864	ug/L	99
59) Bromoform	12.347	173	18106	18.133	ug/L	95
60) Isopropylbenzene	12.463	105	165318	18.239	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	22206	18.634	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	112824	18.719	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	139665	18.961	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	81604	18.149	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	81138	18.007	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	78295	19.585	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4852	19.259	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	58239	18.046	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	45307	18.554	ug/L	99
71) Naphthalene	15.365	128	85320	19.793	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	39912	18.897	ug/L	97

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

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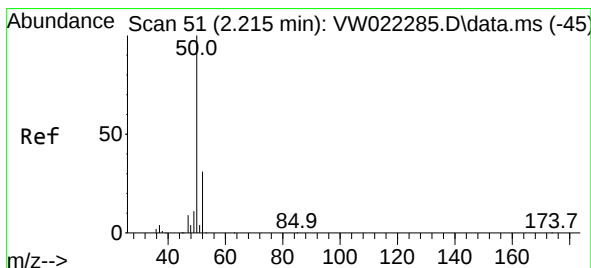
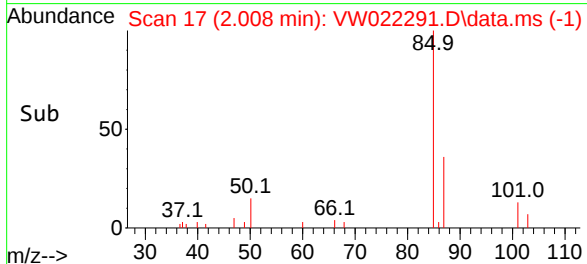
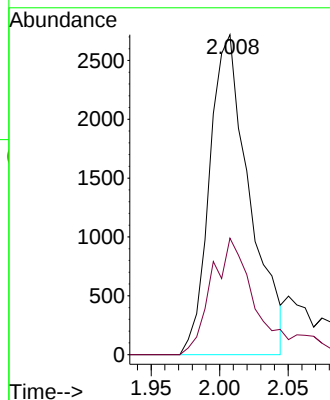
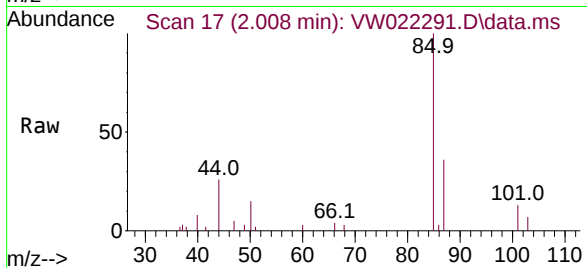




#2
 Dichlorodifluoromethane
 Concen: 13.207 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

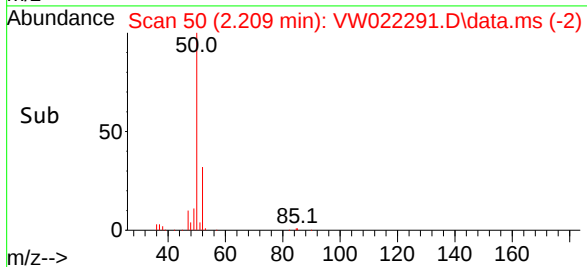
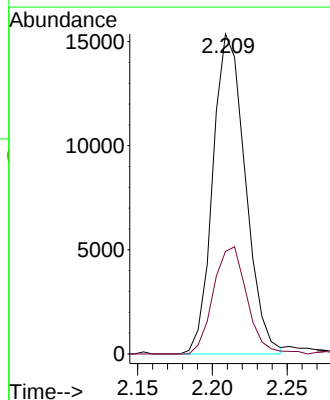
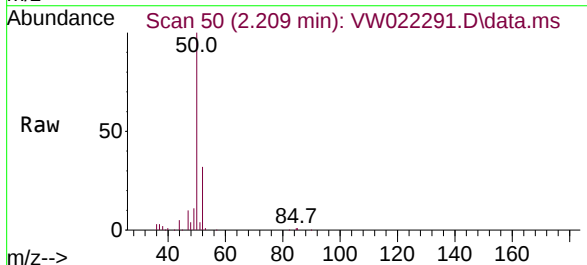
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 MSVOA_W
 ClientSampleId :

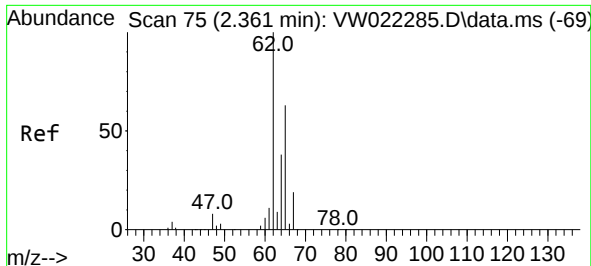
Tgt Ion: 85 Resp: 5515
 Ion Ratio Lower Upper
 85 100
 87 38.3 27.6 41.4



#3
 Chloromethane
 Concen: 16.242 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

Tgt Ion: 50 Resp: 23242
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.9 44.5

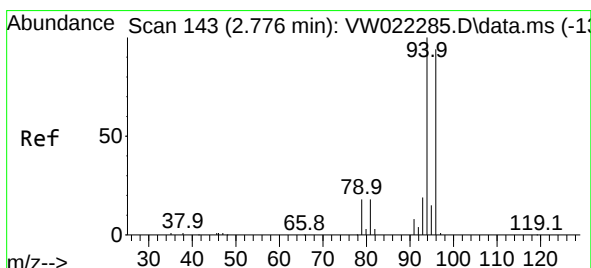
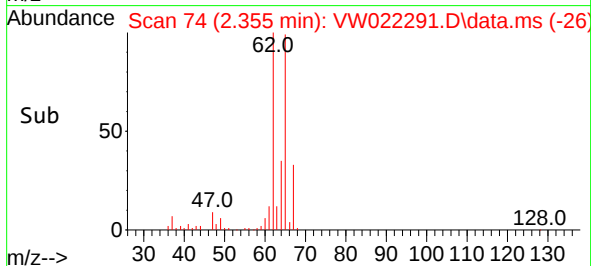
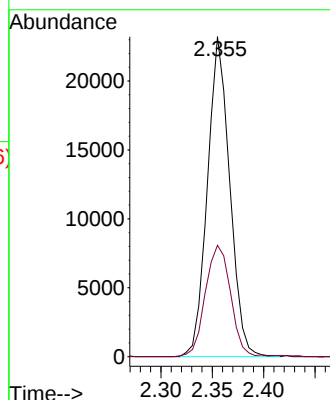
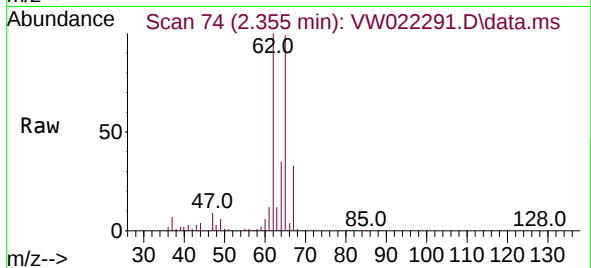




#5
 Vinyl chloride
 Concen: 16.294 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

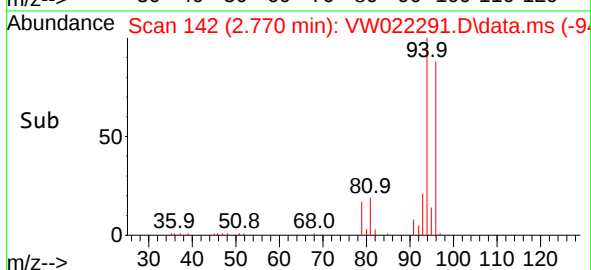
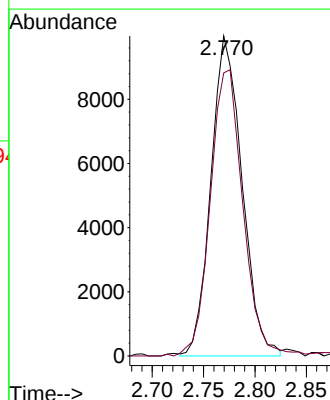
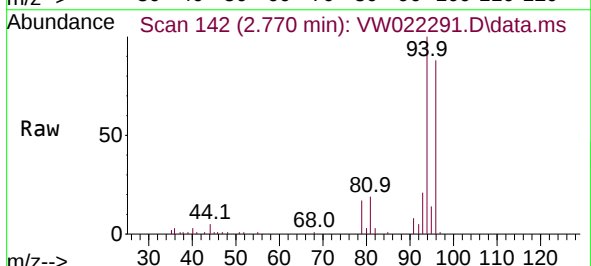
Instrument :
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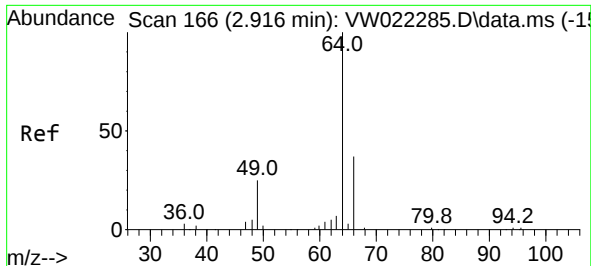
Tgt Ion: 62 Resp: 35033
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.7 45.9



#6
 Bromomethane
 Concen: 13.960 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

Tgt Ion: 94 Resp: 20963
 Ion Ratio Lower Upper
 94 100
 96 88.4 61.2 113.8

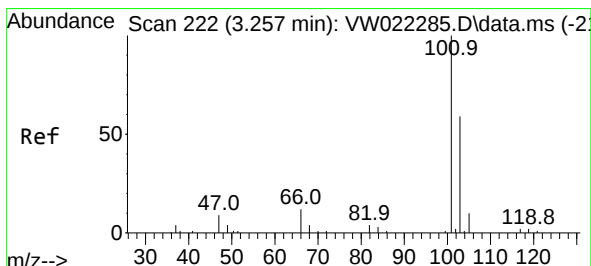
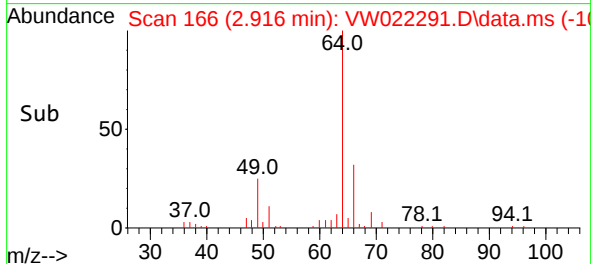
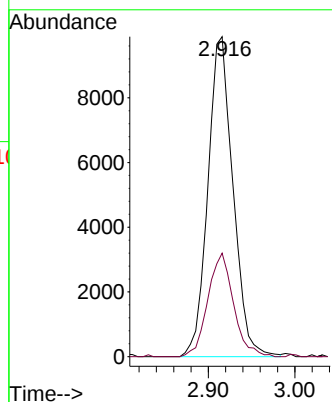
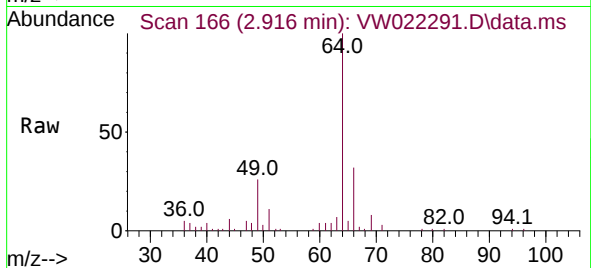




#8
Chloroethane
Concen: 16.474 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

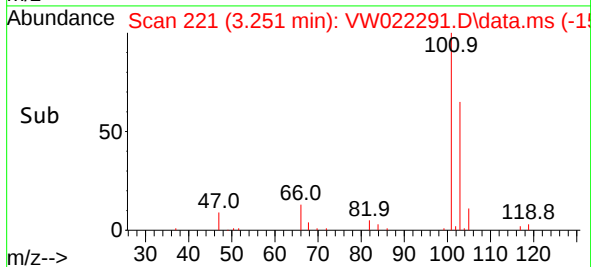
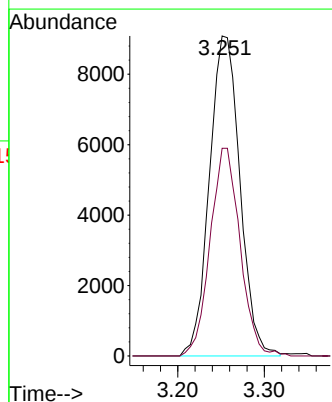
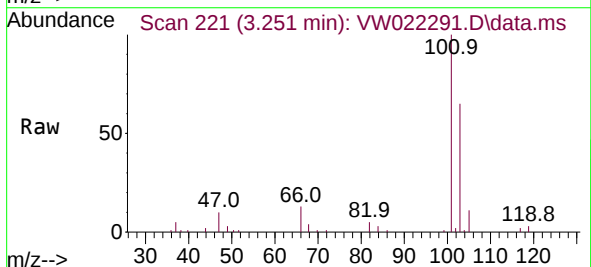
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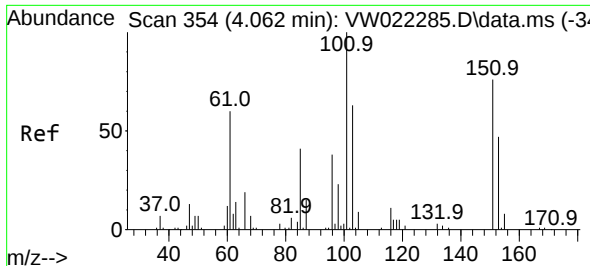
Tgt Ion: 64 Resp: 19898
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 15.241 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion:101 Resp: 22248
Ion Ratio Lower Upper
101 100
103 63.2 53.2 79.8

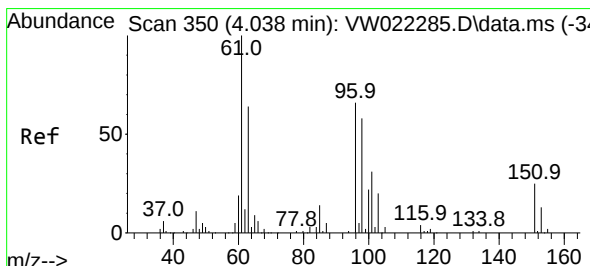
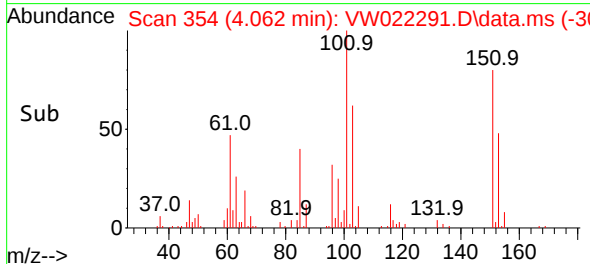
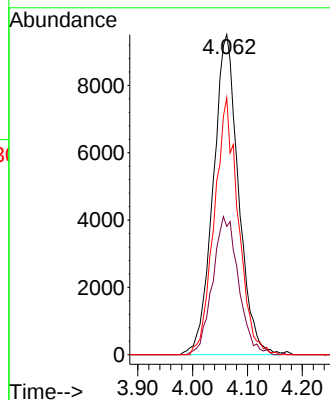
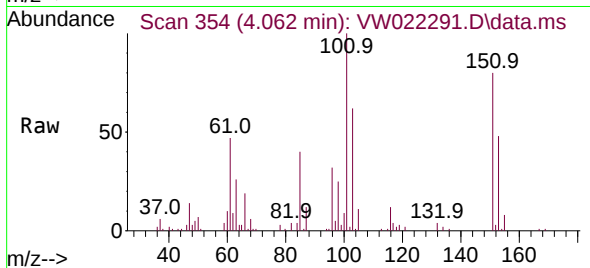




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.150 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

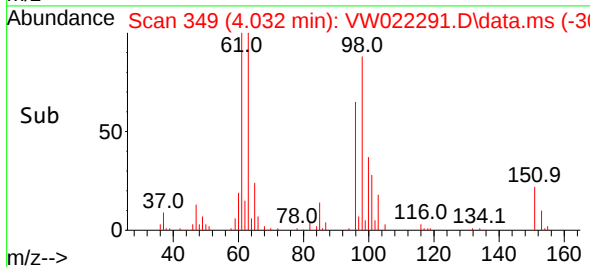
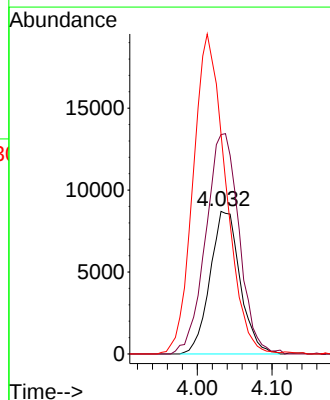
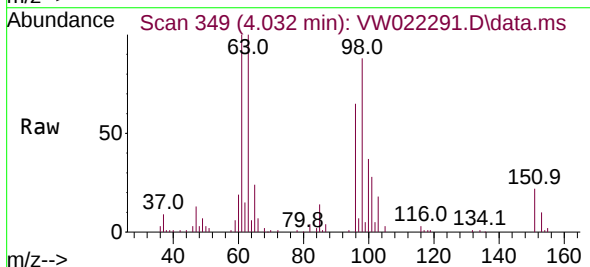
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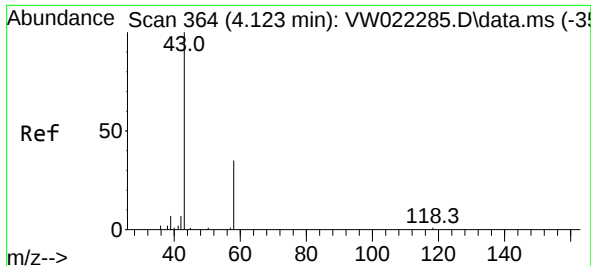
Tgt Ion:101 Resp: 30543
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.4 51.6
 151 75.8 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 15.736 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

Tgt Ion: 96 Resp: 24289
 Ion Ratio Lower Upper
 96 100
 61 153.8 108.4 201.2
 63 154.5 72.0 133.6#





#13

Acetone

Concen: 38.100 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

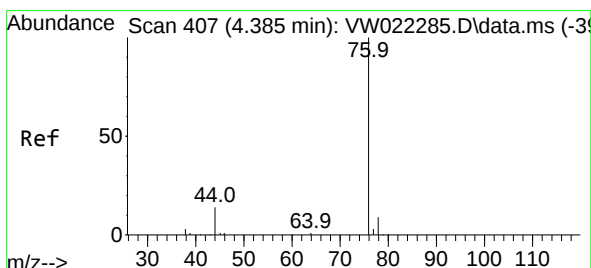
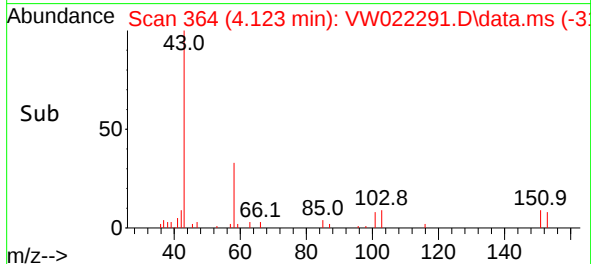
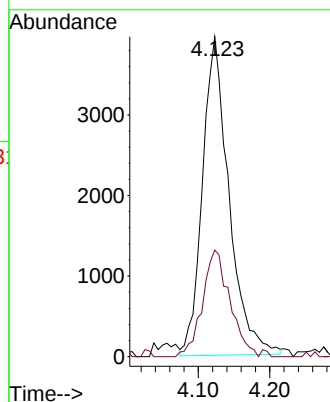
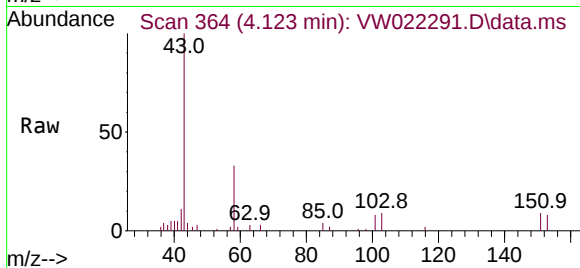
ClientSampleId :

Tgt Ion: 43 Resp: 10197

Ion Ratio Lower Upper

43 100

58 34.5 0.0 69.2



#14

Carbon disulfide

Concen: 11.038 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022291.D

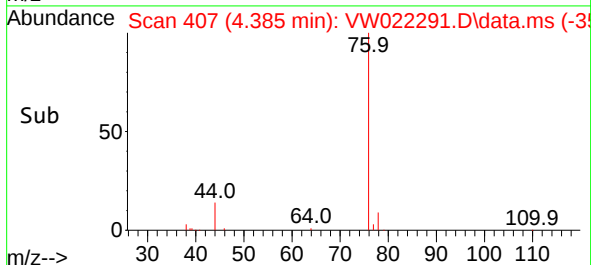
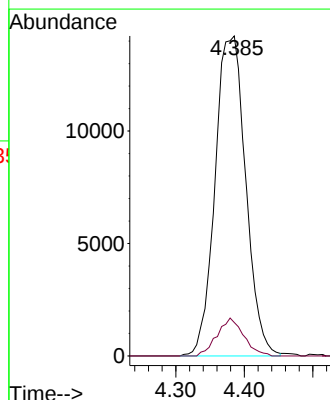
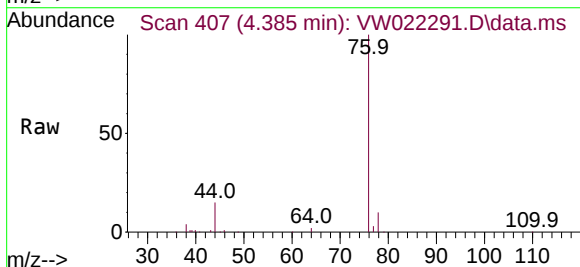
Acq: 11 Mar 2022 11:40

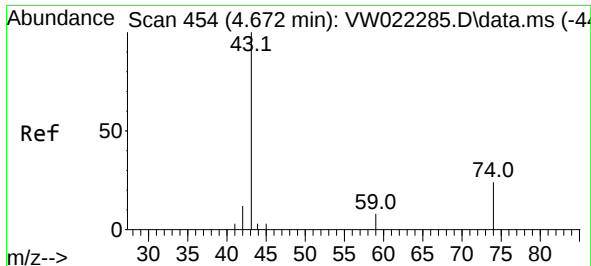
Tgt Ion: 76 Resp: 44170

Ion Ratio Lower Upper

76 100

78 10.5 7.8 11.8

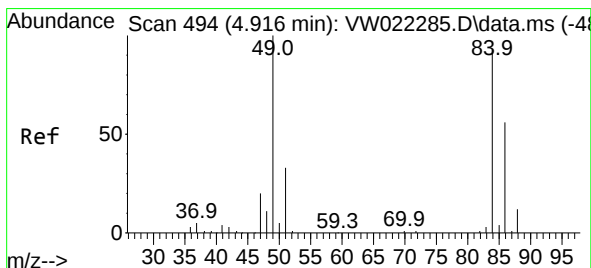
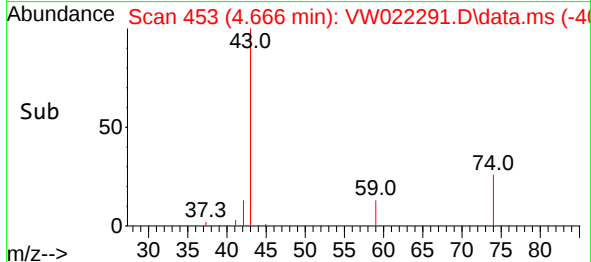
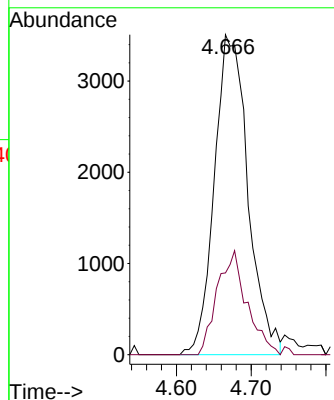
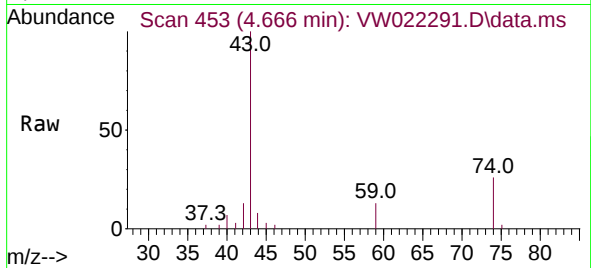




#15
Methyl Acetate
Concen: 18.179 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

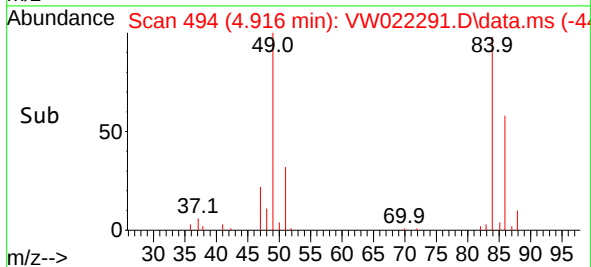
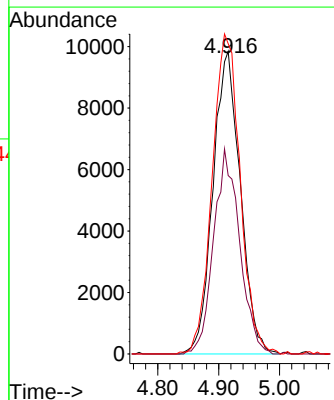
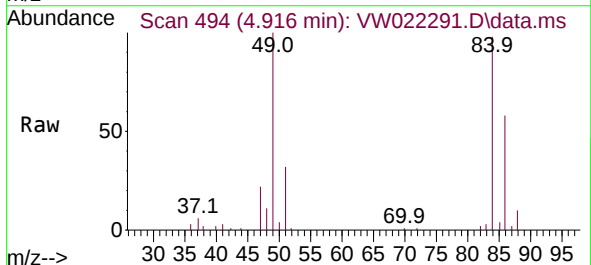
Instrument :
MSVOA_W
ClientSampleId :

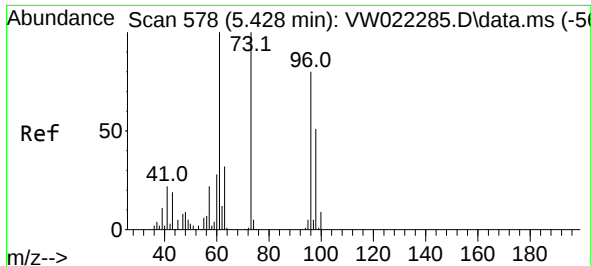
Tgt Ion: 43 Resp: 10953
Ion Ratio Lower Upper
43 100
74 28.8 23.0 34.6



#16
Methylene chloride
Concen: 16.739 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion: 84 Resp: 30700
Ion Ratio Lower Upper
84 100
86 59.0 45.8 85.0
49 102.6 73.8 137.0

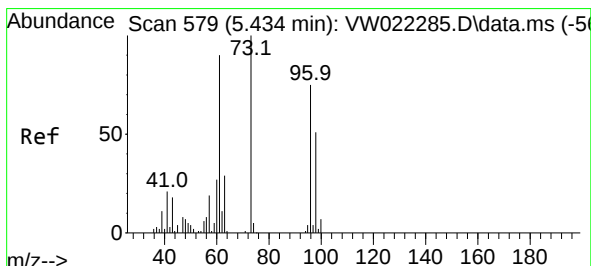
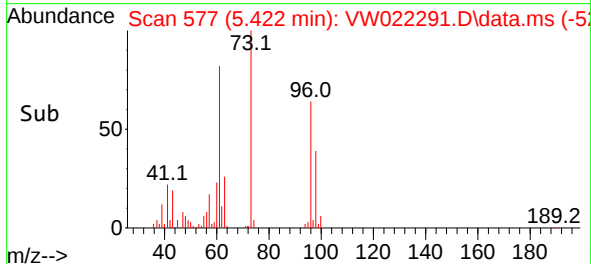
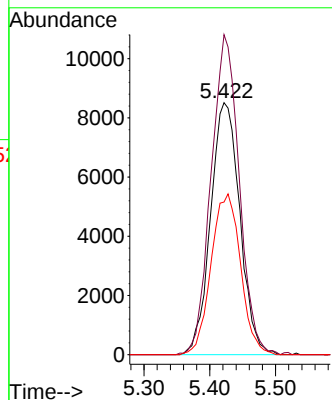
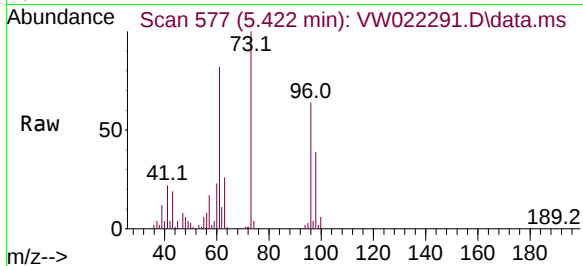




#17
trans-1,2-Dichloroethene
Concen: 15.547 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

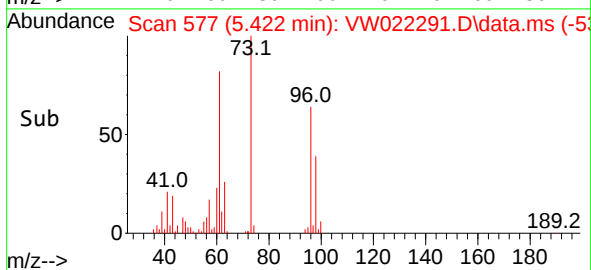
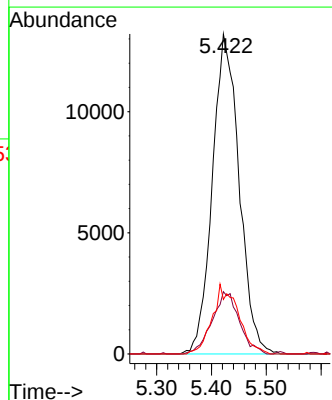
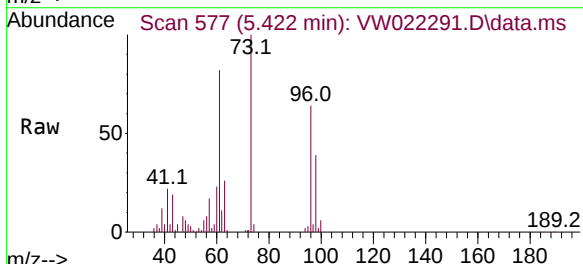
Instrument :
MSVOA_W
ClientSampleId :

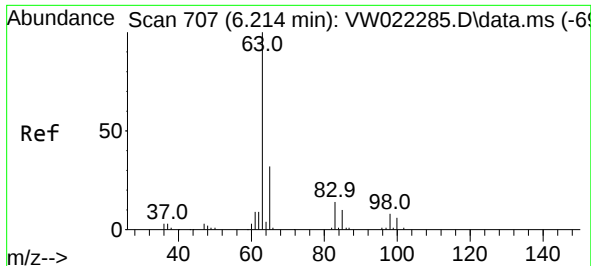
Tgt Ion: 96 Resp: 26358
Ion Ratio Lower Upper
96 100
61 126.9 87.3 162.1
98 60.6 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 19.424 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion: 73 Resp: 44803
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.2
57 9.8 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 18.056 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022291.D

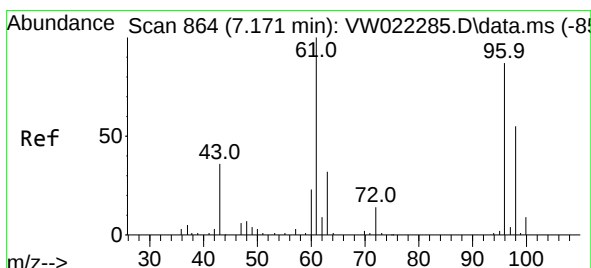
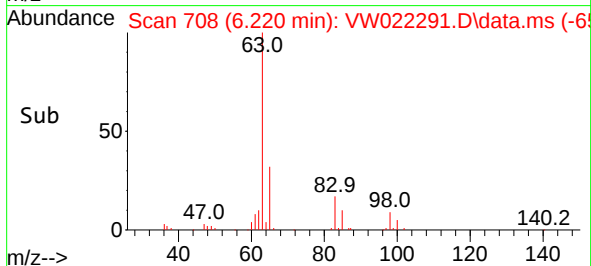
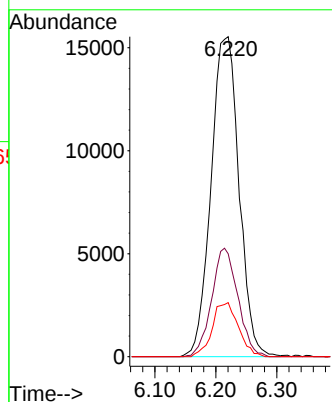
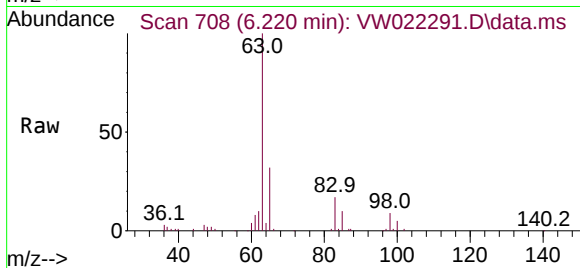
Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 49557
Ion Ratio	Lower Upper
63 100	
65 32.1	22.5 41.9
83 16.9	11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 18.235 ug/L

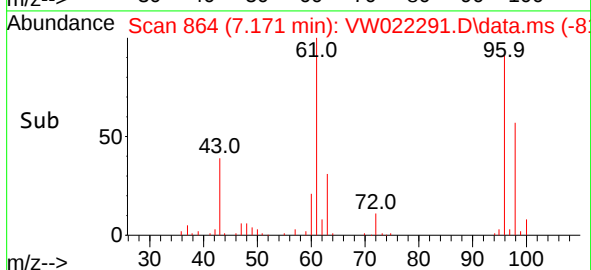
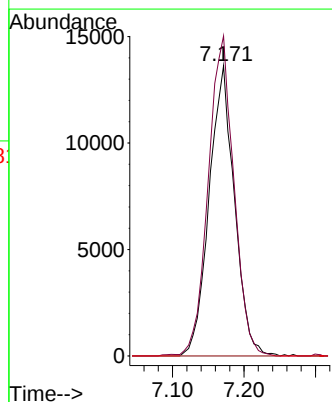
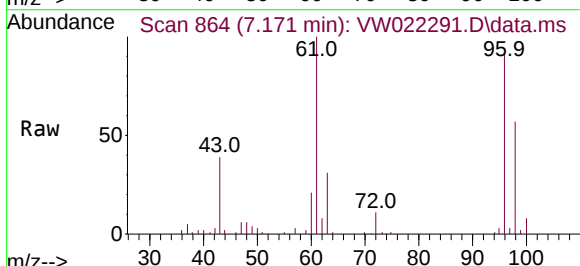
RT: 7.171 min Scan# 864

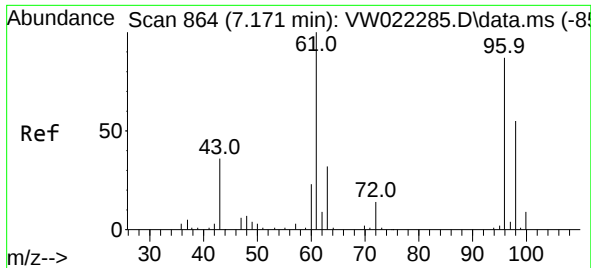
Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Tgt Ion: 96	Resp: 33490
Ion Ratio	Lower Upper
96 100	
61 110.3	76.8 142.6
68 0.0	0.0 0.0

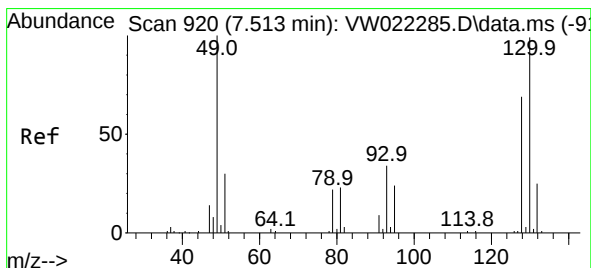
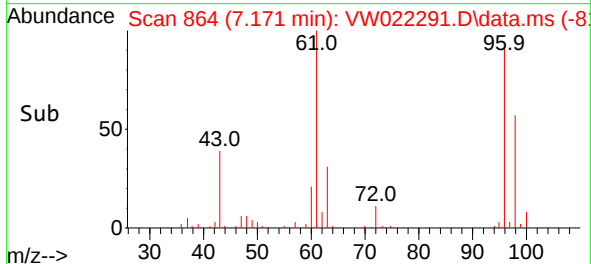
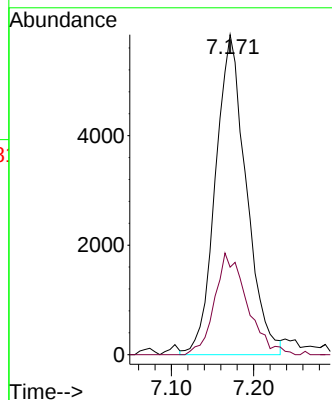
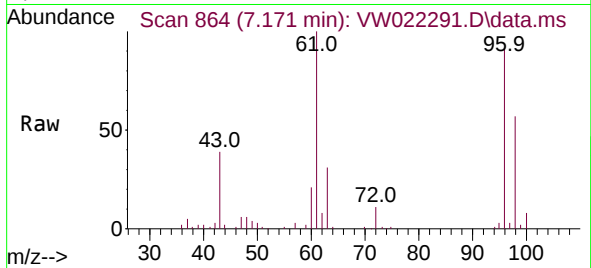




#22
2-Butanone
Concen: 39.555 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

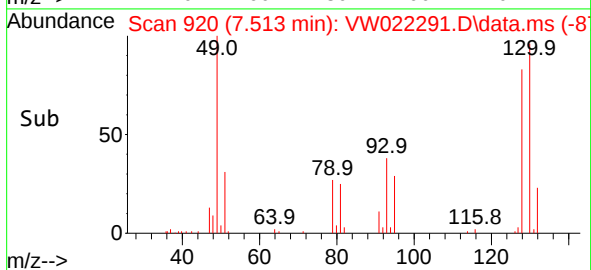
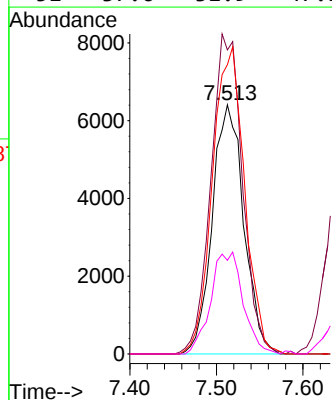
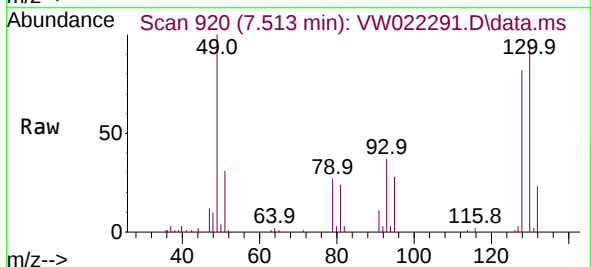
Instrument :
MSVOA_W
ClientSampleId :

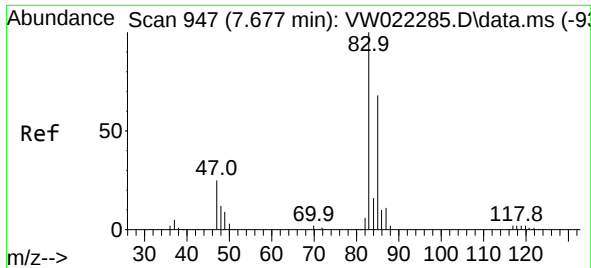
Tgt Ion: 43 Resp: 15207
Ion Ratio Lower Upper
43 100
72 32.6 17.0 51.0



#23
Bromochloromethane
Concen: 18.034 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion: 128 Resp: 16179
Ion Ratio Lower Upper
128 100
49 122.1 84.2 156.4
130 116.2 84.8 157.4
51 37.6 31.9 47.9

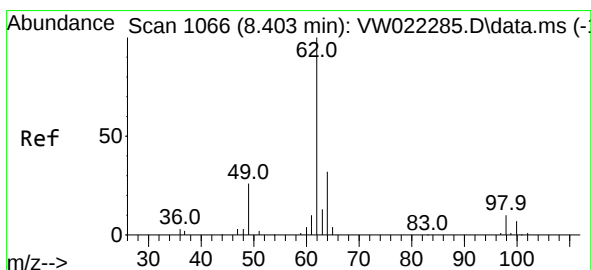
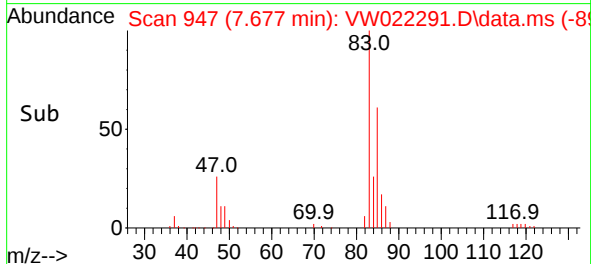
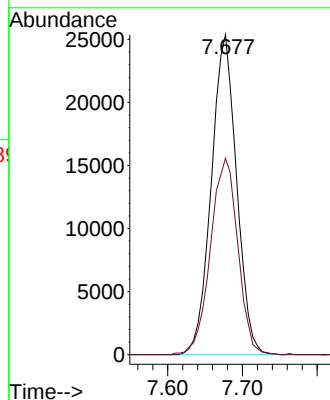
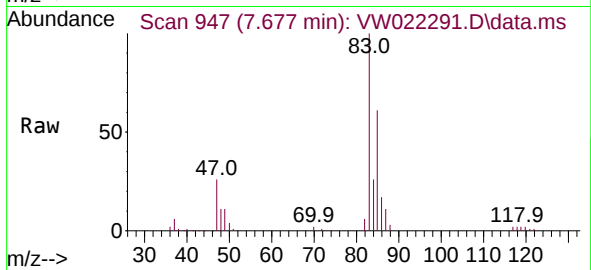




#25
Chloroform
Concen: 18.628 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

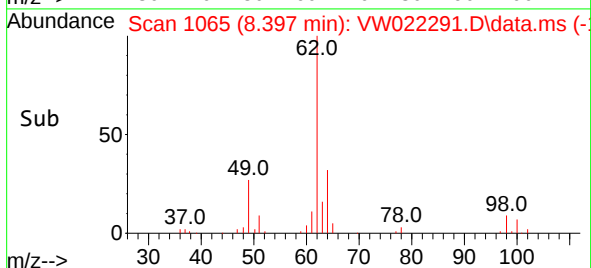
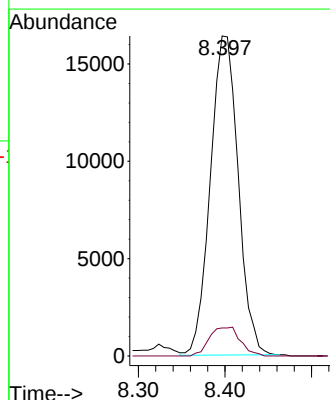
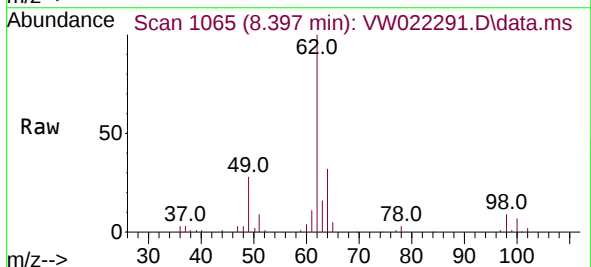
Instrument :
MSVOA_W
ClientSampleId :

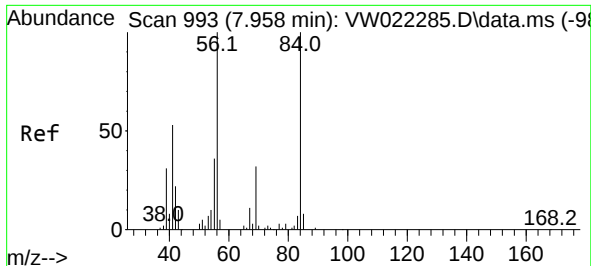
Tgt Ion: 83 Resp: 59656
Ion Ratio Lower Upper
83 100
85 61.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 18.579 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion: 62 Resp: 36647
Ion Ratio Lower Upper
62 100
98 8.8 7.9 11.9





#29

Cyclohexane

Concen: 14.593 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

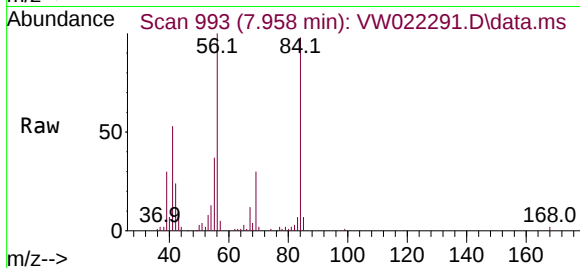
Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :



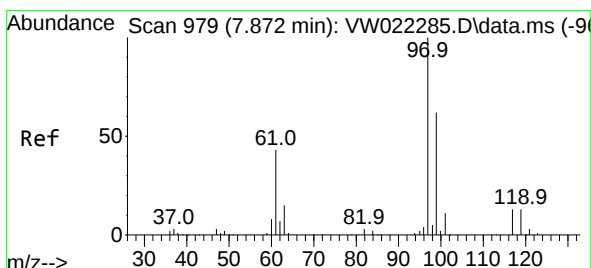
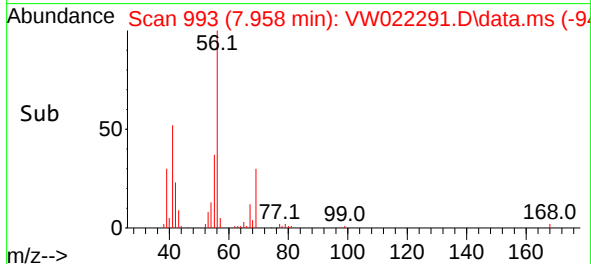
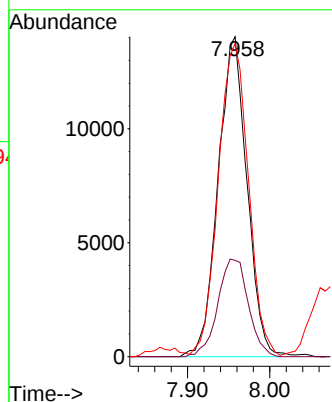
Tgt Ion: 56 Resp: 34182

Ion Ratio Lower Upper

56 100

69 32.3 26.3 39.5

84 102.5 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 17.835 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

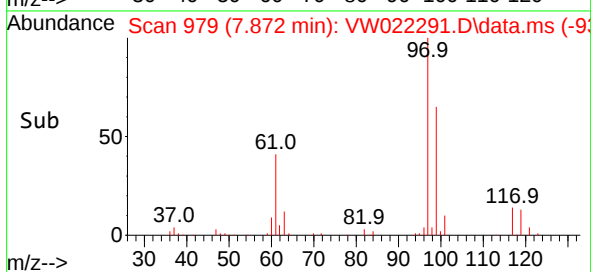
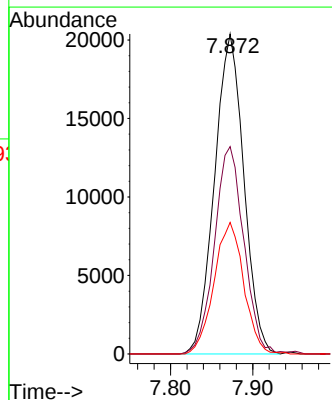
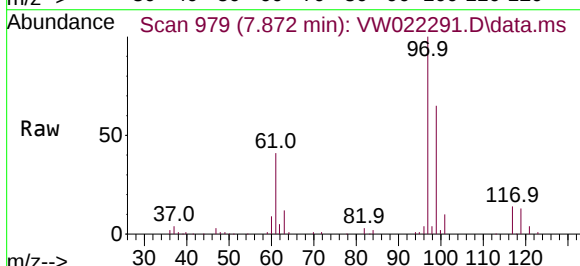
Tgt Ion: 97 Resp: 50506

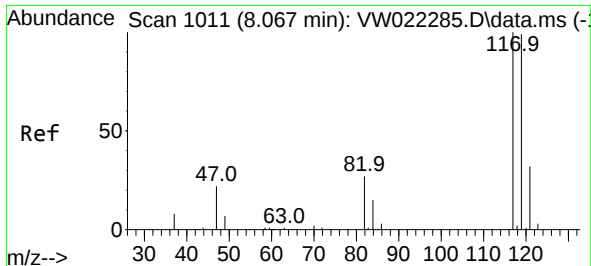
Ion Ratio Lower Upper

97 100

99 64.6 52.6 78.8

61 41.7 33.0 49.6

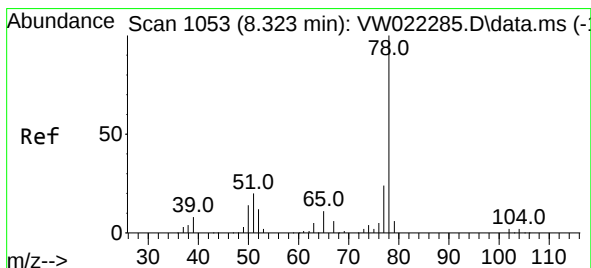
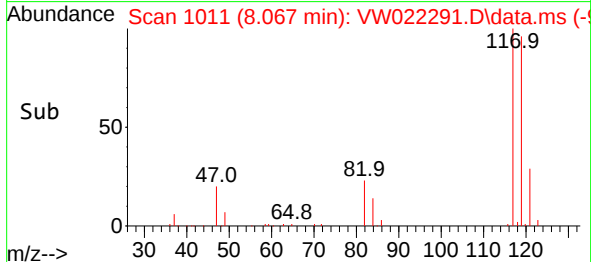
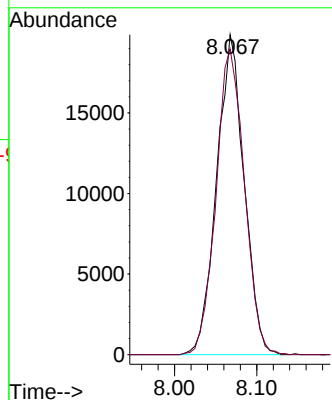
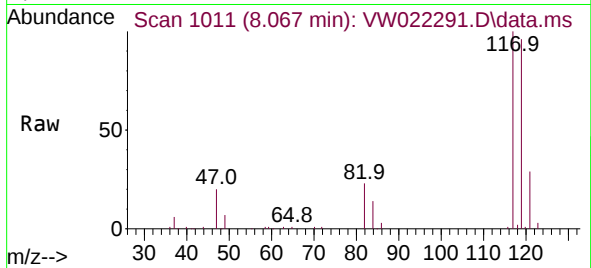




#31
Carbon tetrachloride
Concen: 17.122 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

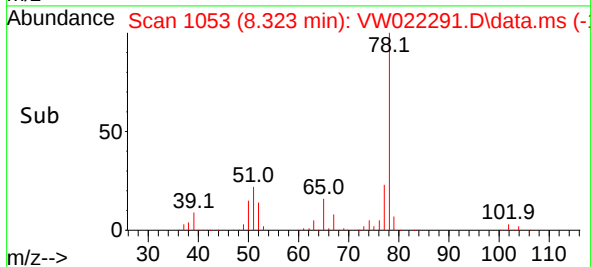
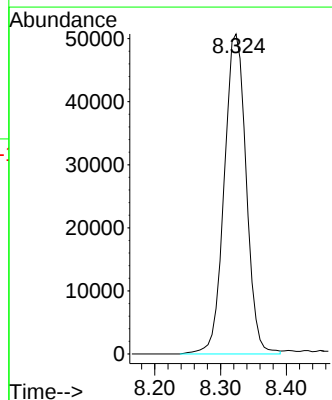
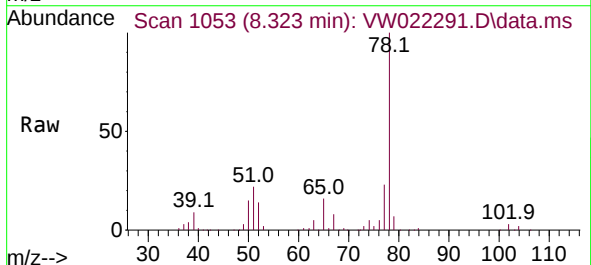
Instrument :
MSVOA_W
ClientSampleId :

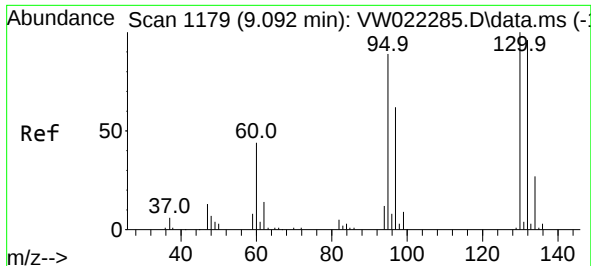
Tgt Ion:117 Resp: 46080
Ion Ratio Lower Upper
117 100
119 98.8 76.7 115.1



#33
Benzene
Concen: 17.350 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion: 78 Resp: 118067

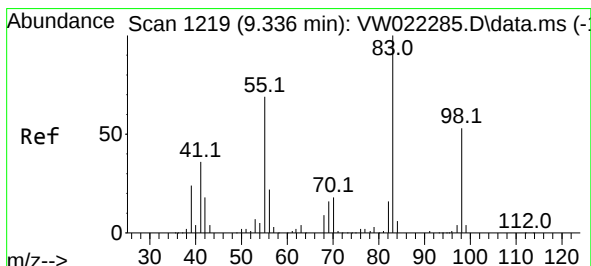
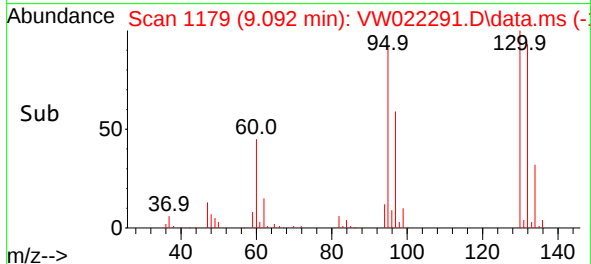
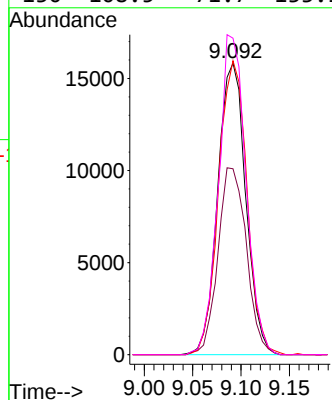
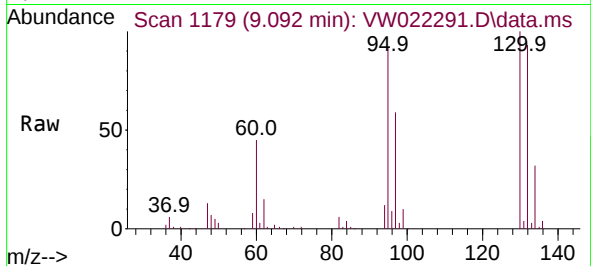




#34
Trichloroethene
Concen: 16.363 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

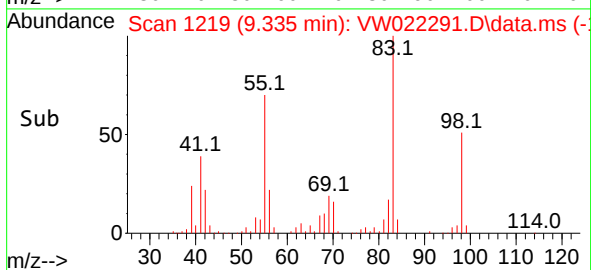
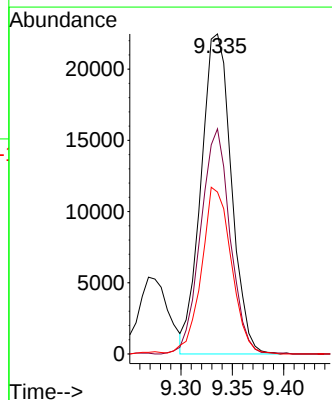
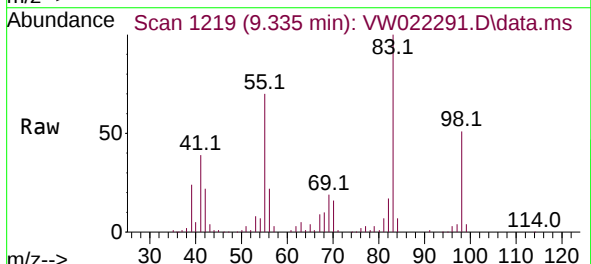
Instrument :
MSVOA_W
ClientSampleId :

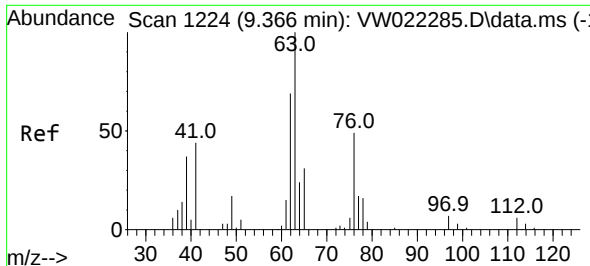
Tgt Ion: 95 Resp: 31883
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 100.8 71.7 133.1
130 108.5 71.7 133.1



#35
Methylcyclohexane
Concen: 15.296 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion: 83 Resp: 46099
Ion Ratio Lower Upper
83 100
55 68.4 53.8 80.8
98 51.2 42.1 63.1





#37

1,2-Dichloropropane

Concen: 18.573 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

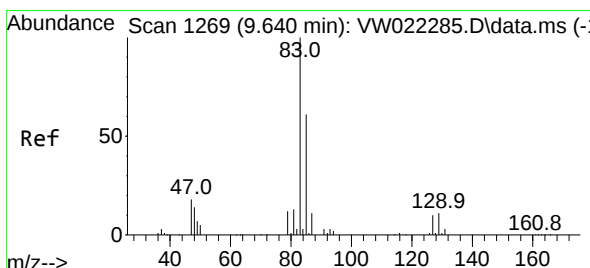
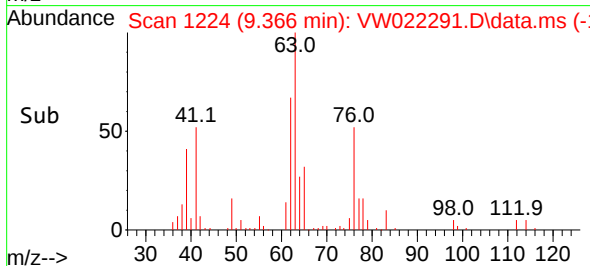
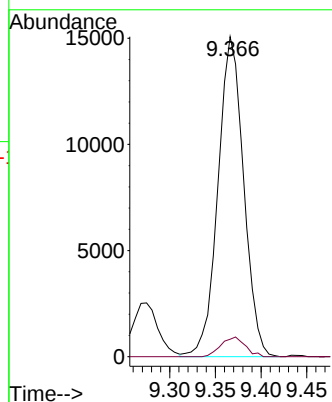
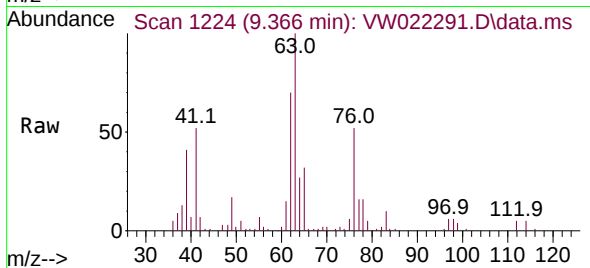
ClientSampleId :

Tgt Ion: 63 Resp: 29486

Ion Ratio Lower Upper

63 100

112 5.8 4.1 6.1



#38

Bromodichloromethane

Concen: 18.703 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

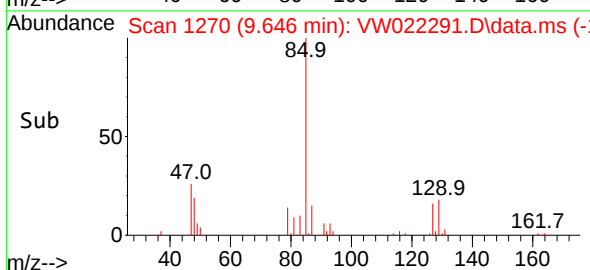
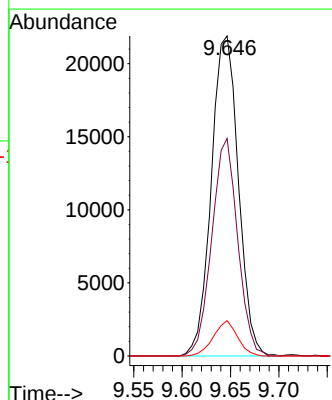
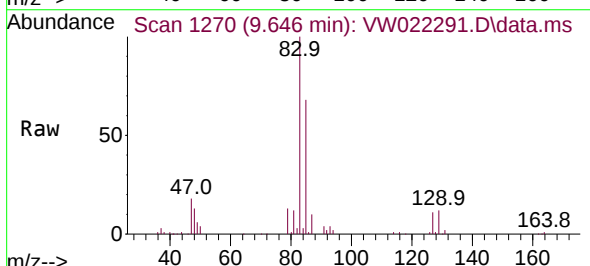
Tgt Ion: 83 Resp: 42581

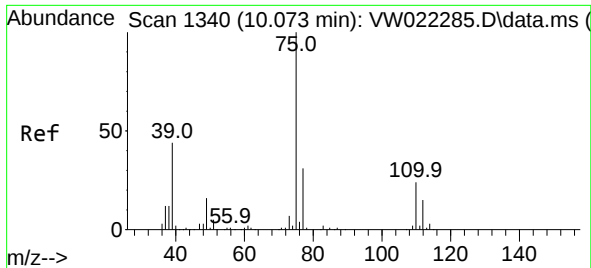
Ion Ratio Lower Upper

83 100

85 67.9 47.9 89.1

127 11.0 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 18.857 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

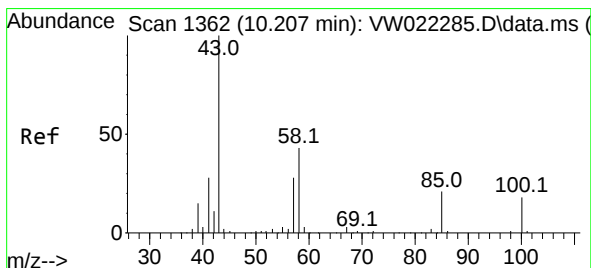
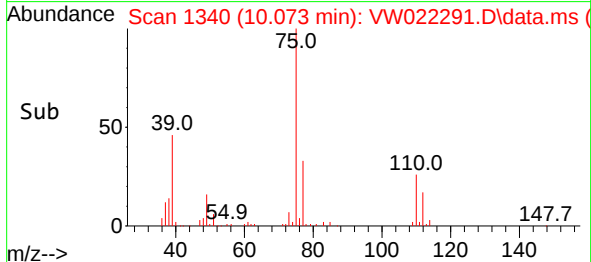
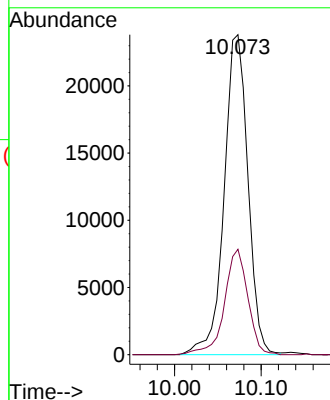
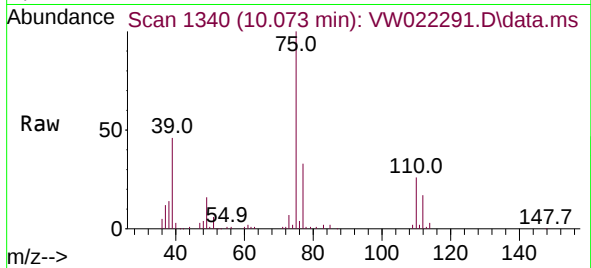
ClientSampleId :

Tgt Ion: 75 Resp: 45506

Ion Ratio Lower Upper

75 100

77 32.9 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 40.071 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

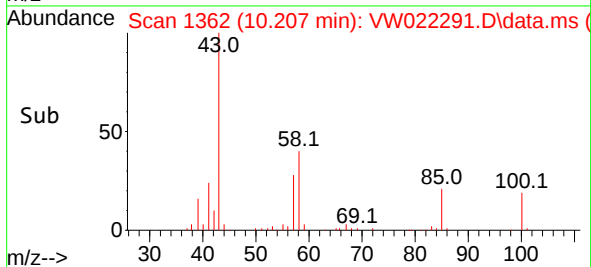
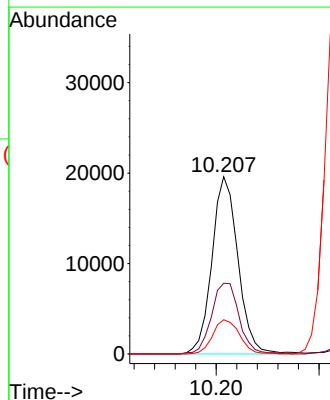
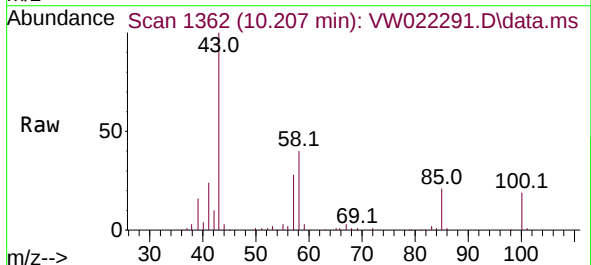
Tgt Ion: 43 Resp: 34355

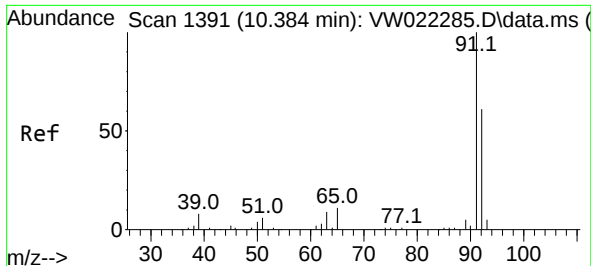
Ion Ratio Lower Upper

43 100

58 42.5 33.2 49.8

100 19.9 16.1 24.1





#42

Toluene

Concen: 17.543 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

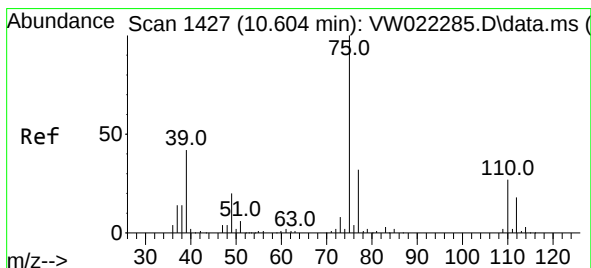
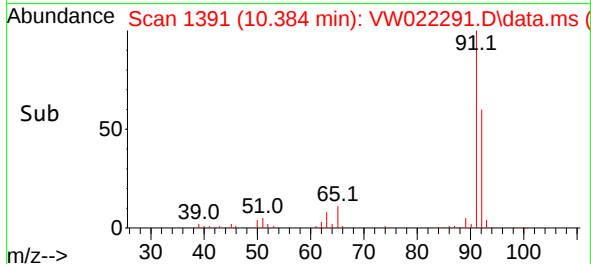
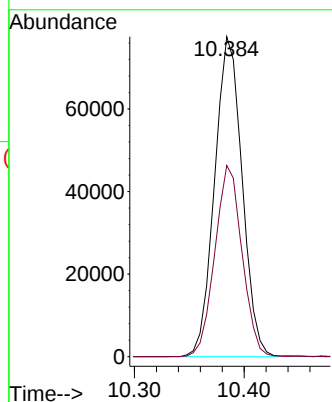
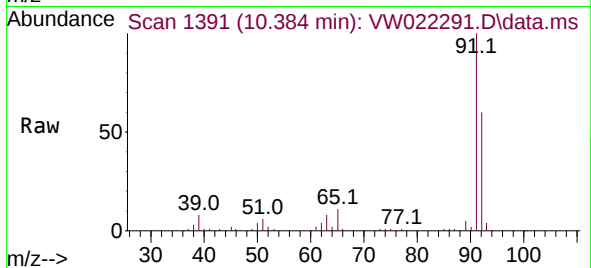
ClientSampleId :

Tgt Ion: 91 Resp: 135121

Ion Ratio Lower Upper

91 100

92 59.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 18.754 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022291.D

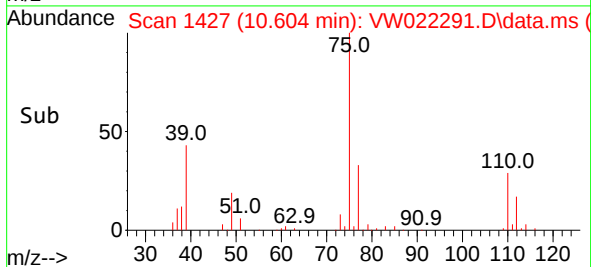
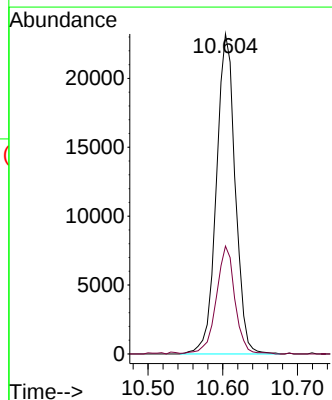
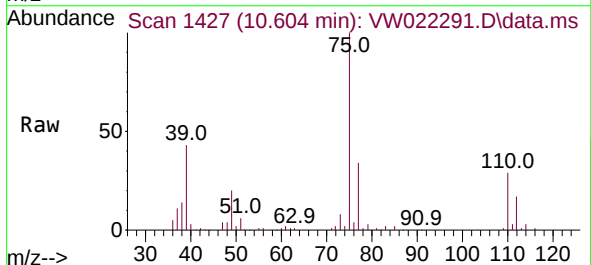
Acq: 11 Mar 2022 11:40

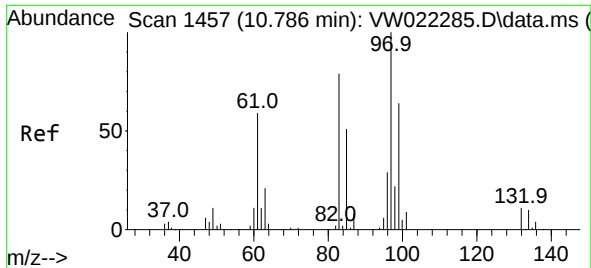
Tgt Ion: 75 Resp: 40669

Ion Ratio Lower Upper

75 100

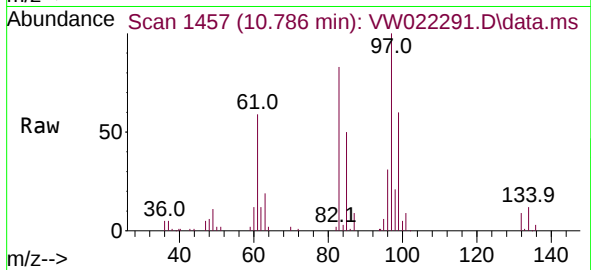
77 33.7 22.0 40.8



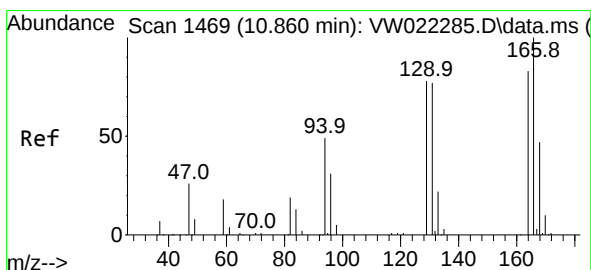
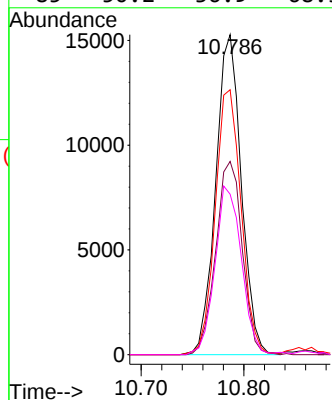
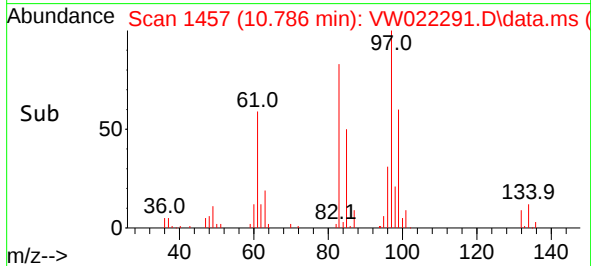


#45
1,1,2-Trichloroethane
Concen: 18.756 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

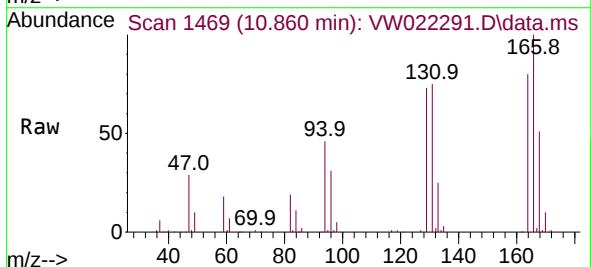
Instrument :
MSVOA_W
ClientSampleId :



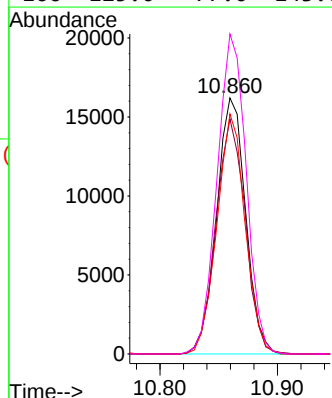
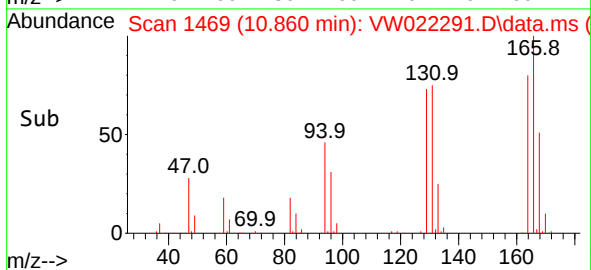
Tgt Ion:	97	Resp:	26405
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.5	80.7
83	82.8	53.5	99.3
85	50.2	36.9	68.5

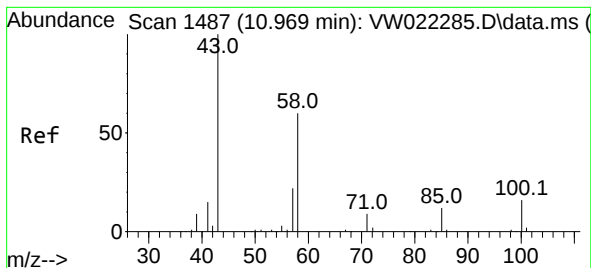


#46
Tetrachloroethene
Concen: 16.309 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40



Tgt Ion:	164	Resp:	27837
Ion	Ratio	Lower	Upper
164	100		
129	91.8	60.3	111.9
131	93.8	59.9	111.3
166	125.0	77.0	143.0

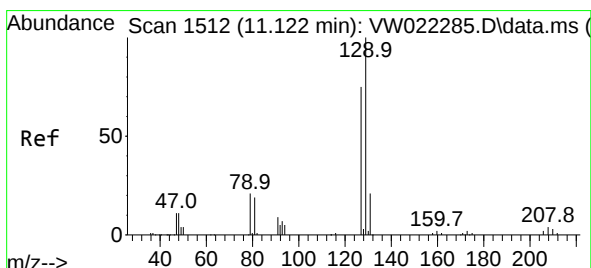
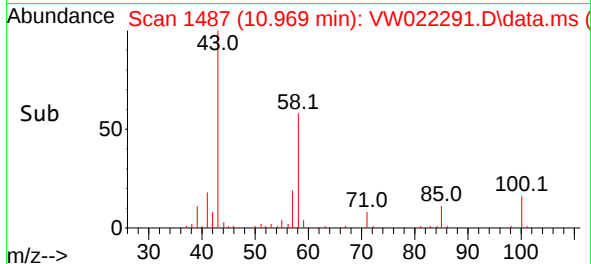
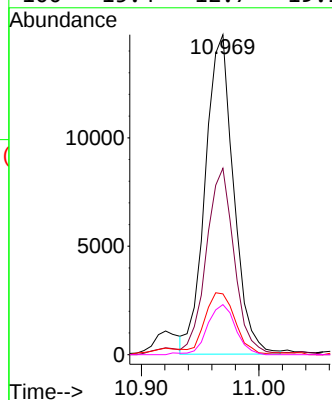
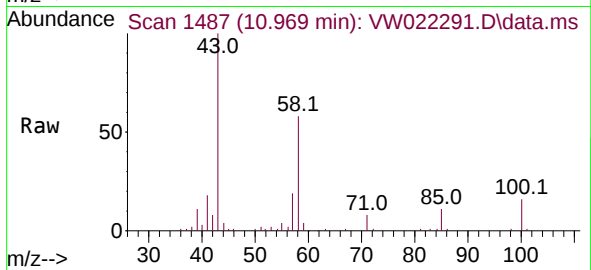




#48
2-Hexanone
Concen: 41.546 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

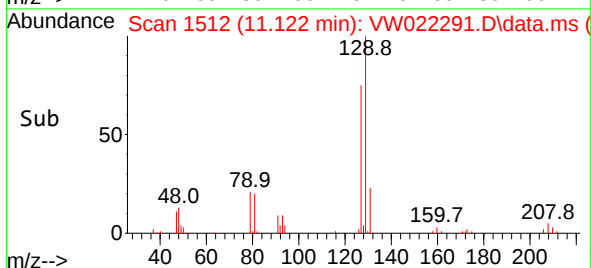
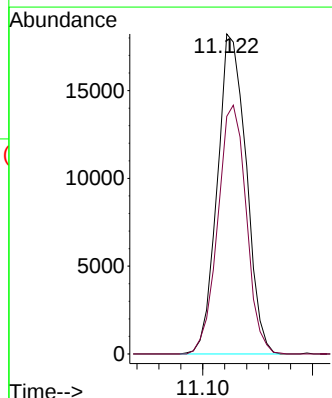
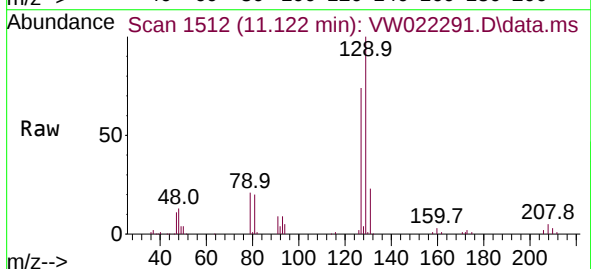
Instrument :
MSVOA_W
ClientSampleId :

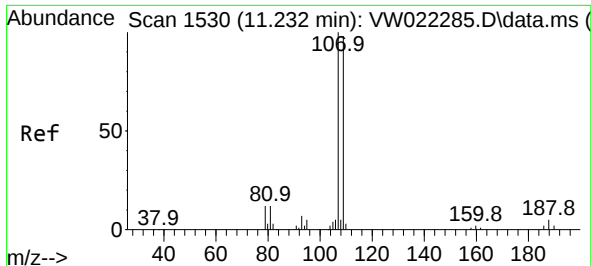
Tgt Ion: 43	Resp: 24722
Ion Ratio	Lower Upper
43 100	
58 57.7	44.6 66.8
57 20.6	15.8 23.8
100 15.4	12.7 19.1



#49
Dibromochloromethane
Concen: 19.474 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion:129	Resp:	33300	
Ion	Ratio	Lower	Upper
129	100		
127	74.3	54.5	101.1





#50

1,2-Dibromoethane

Concen: 17.618 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

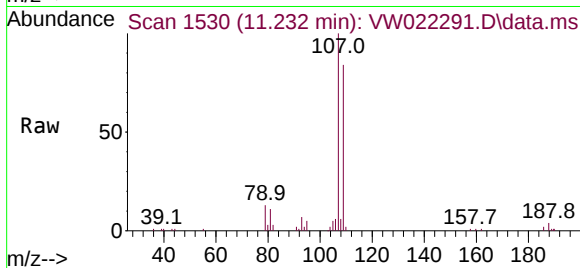
Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :



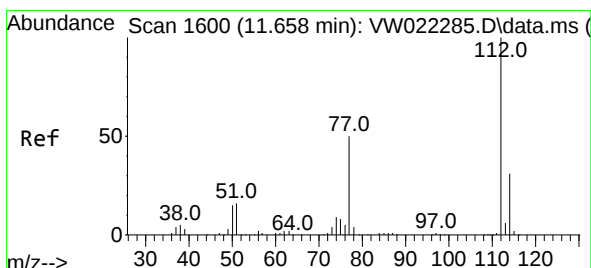
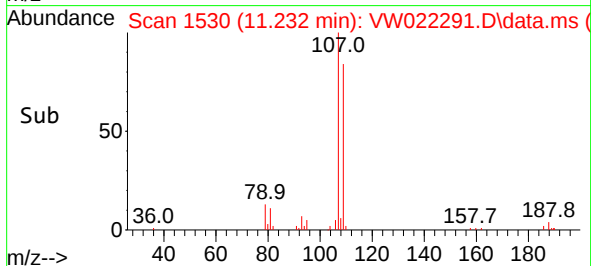
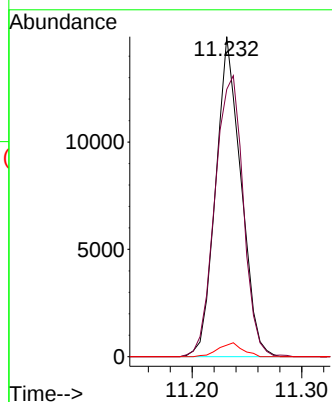
Tgt Ion:107 Resp: 23923

Ion Ratio Lower Upper

107 100

109 83.5 66.8 124.2

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 17.882 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

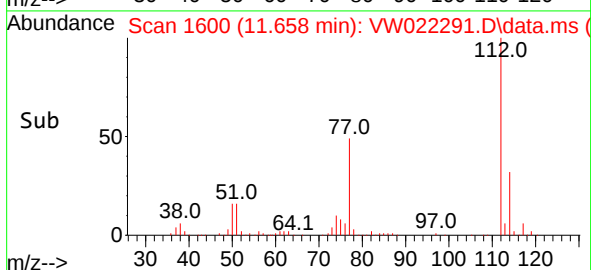
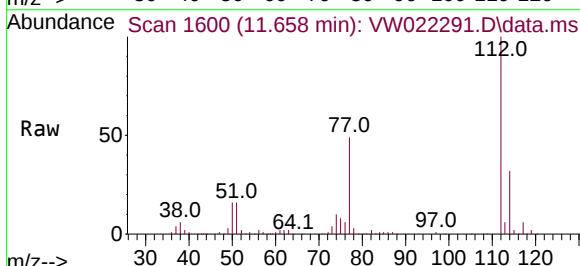
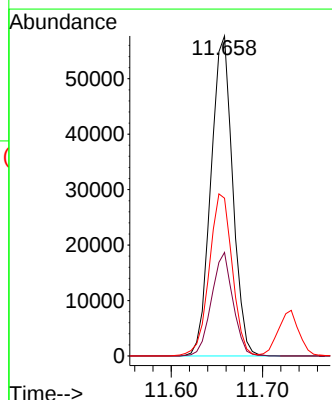
Tgt Ion:112 Resp: 95850

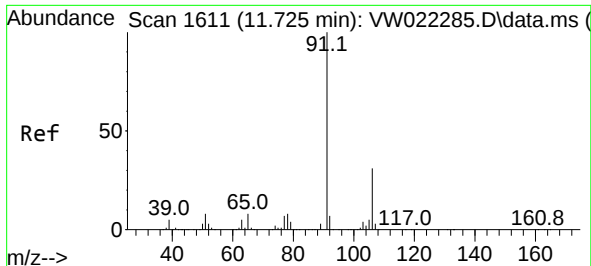
Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.8

77 49.3 41.8 62.6





#52

Ethylbenzene

Concen: 17.763 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

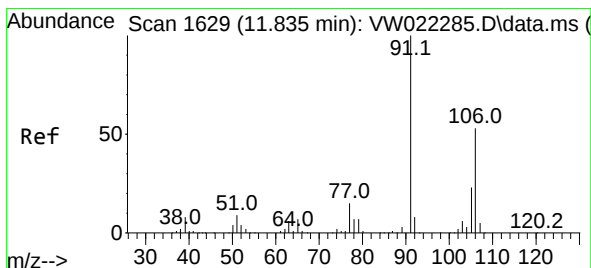
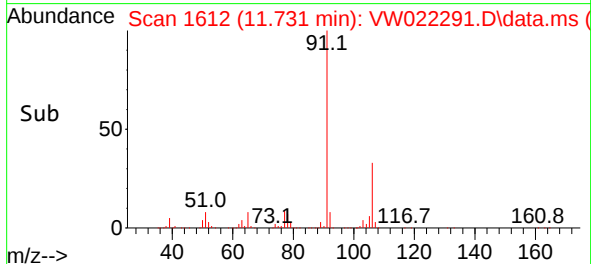
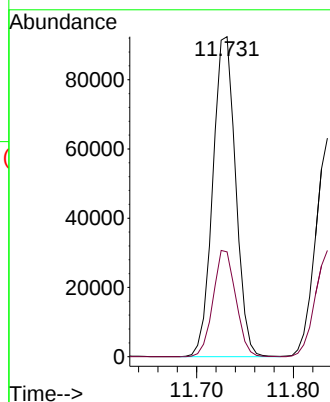
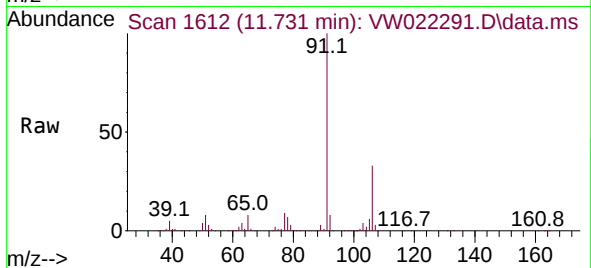
ClientSampleId :

Tgt Ion: 91 Resp: 151410

Ion Ratio Lower Upper

91 100

106 32.7 22.8 42.4



#53

m,p-Xylene

Concen: 17.514 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022291.D

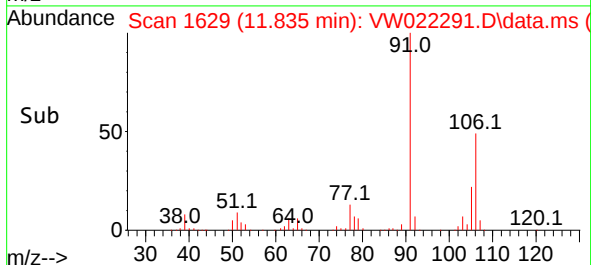
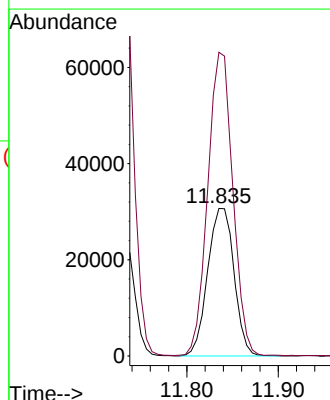
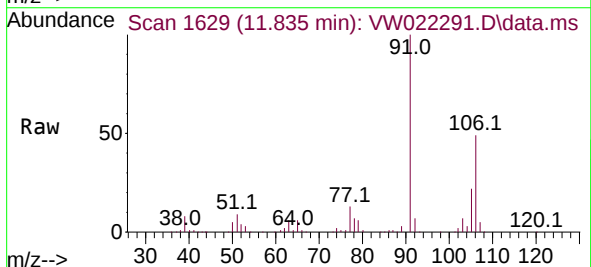
Acq: 11 Mar 2022 11:40

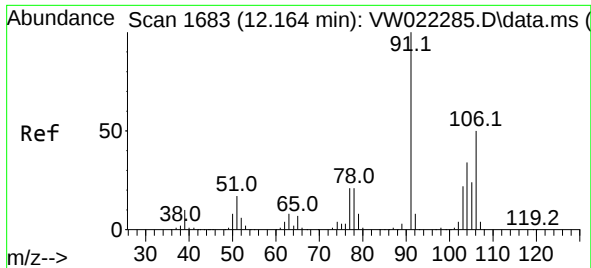
Tgt Ion:106 Resp: 61430

Ion Ratio Lower Upper

106 100

91 205.8 135.0 250.8

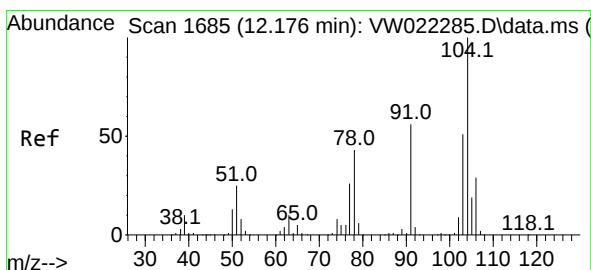
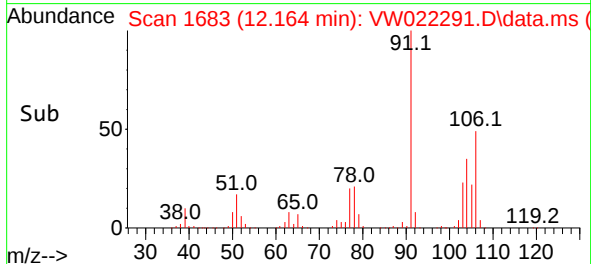
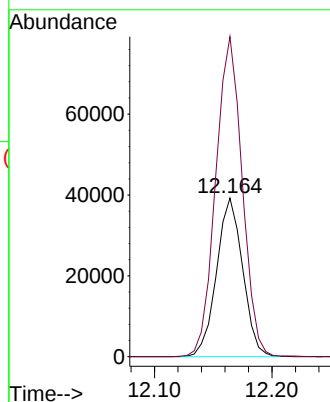
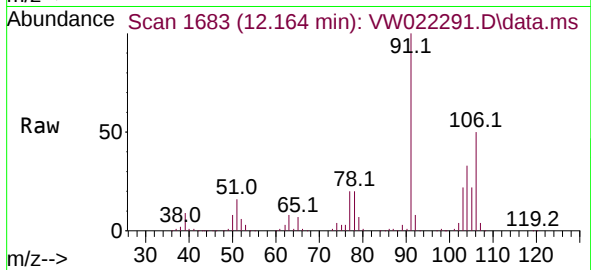




#54
o-Xylene
Concen: 18.378 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

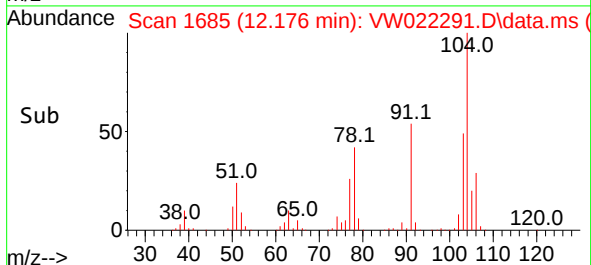
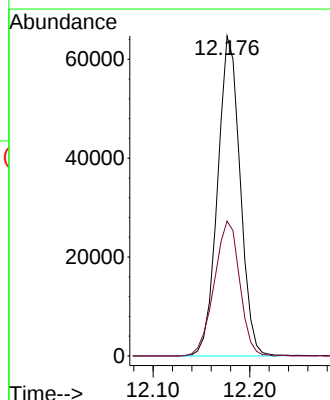
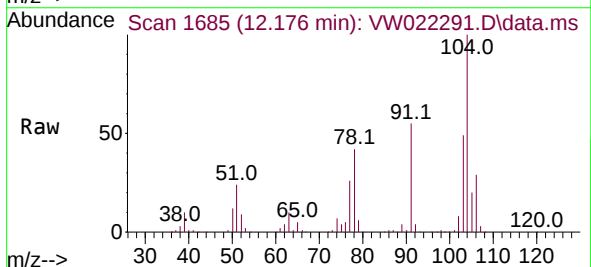
Instrument :
MSVOA_W
ClientSampleId :

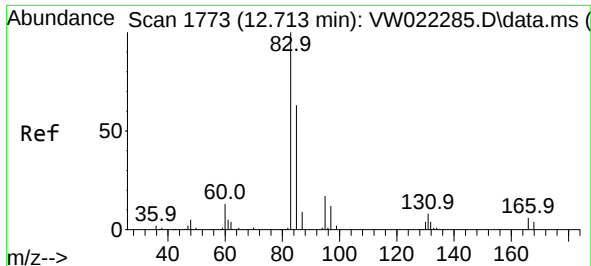
Tgt Ion:106 Resp: 60652
Ion Ratio Lower Upper
106 100
91 201.8 136.9 254.3



#55
Styrene
Concen: 18.881 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion:104 Resp: 104464
Ion Ratio Lower Upper
104 100
78 42.2 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 19.864 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

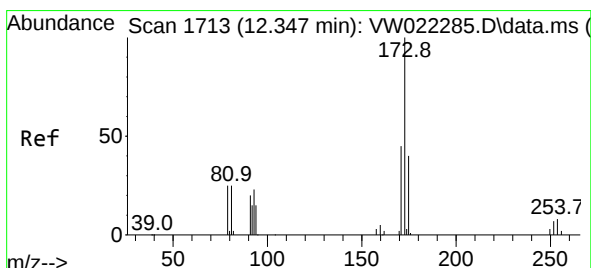
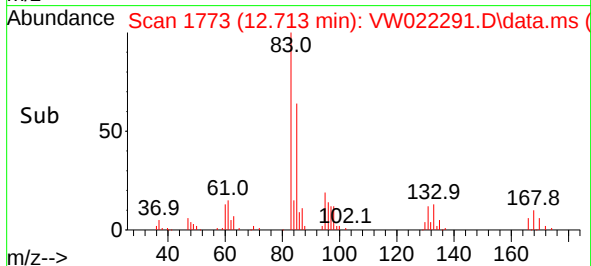
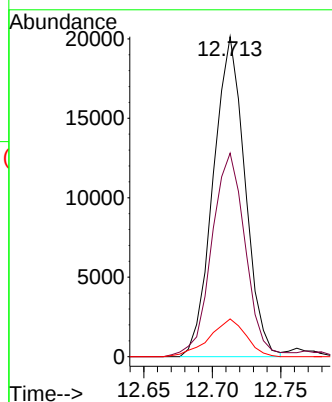
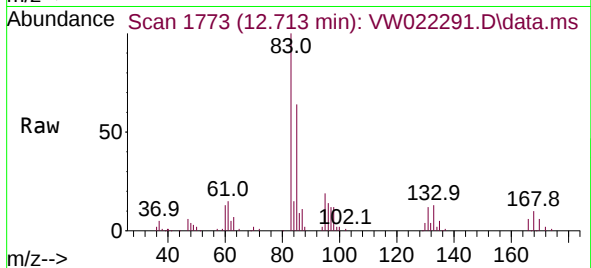
Tgt Ion: 83 Resp: 32446

Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.0

131 11.8 9.4 14.0



#59

Bromoform

Concen: 18.133 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

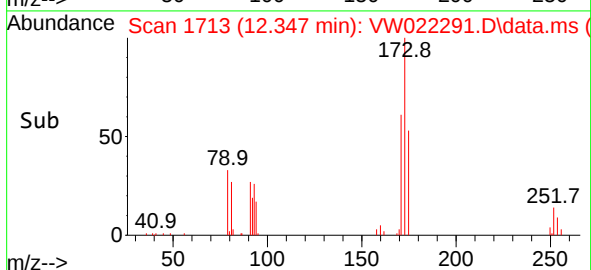
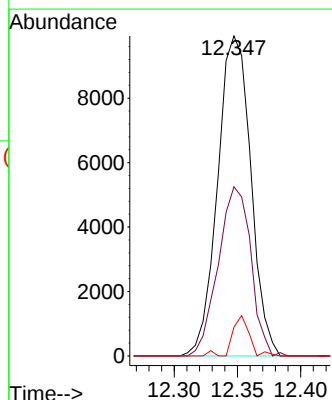
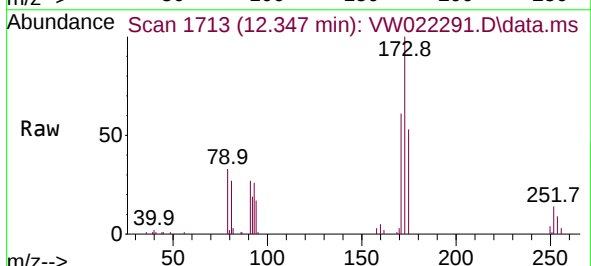
Tgt Ion:173 Resp: 18106

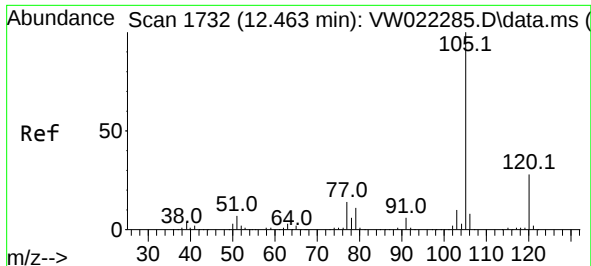
Ion Ratio Lower Upper

173 100

175 51.7 38.2 57.4

254 5.7 5.0 7.6

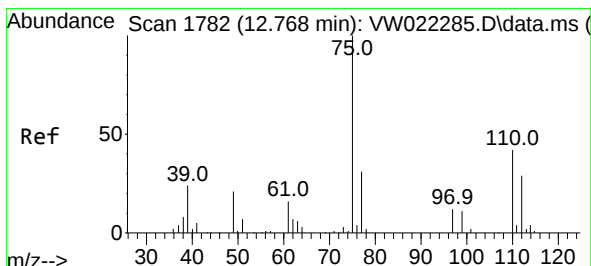
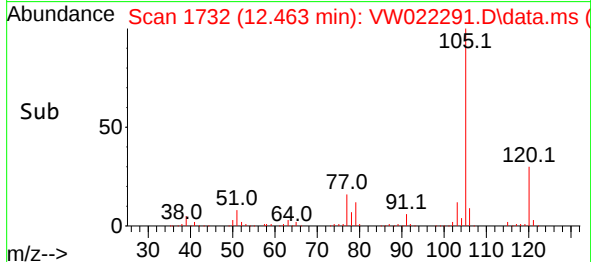
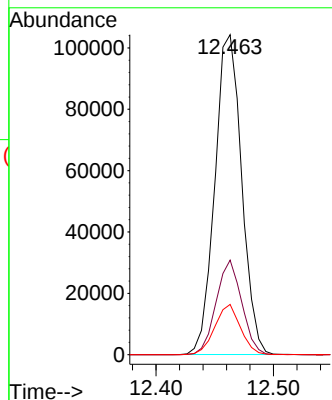
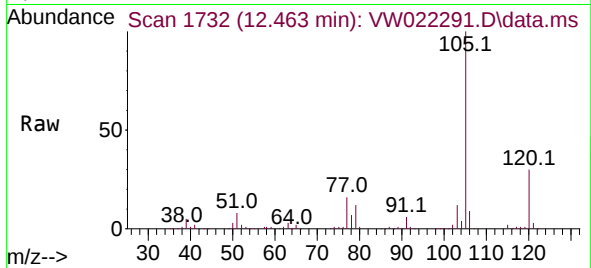




#60
Isopropylbenzene
Concen: 18.239 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

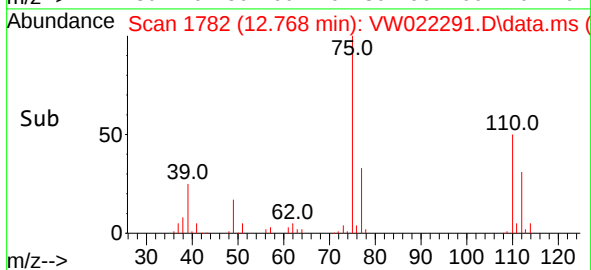
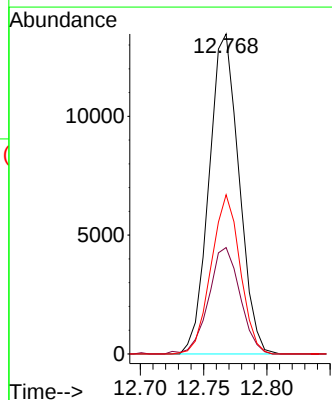
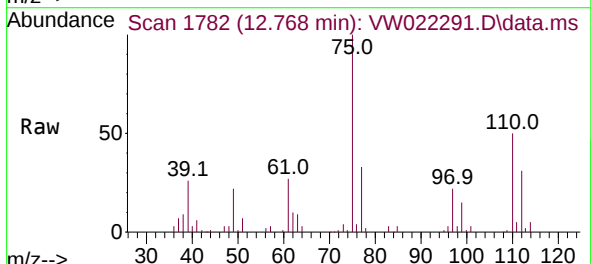
Instrument :
MSVOA_W
ClientSampleId :

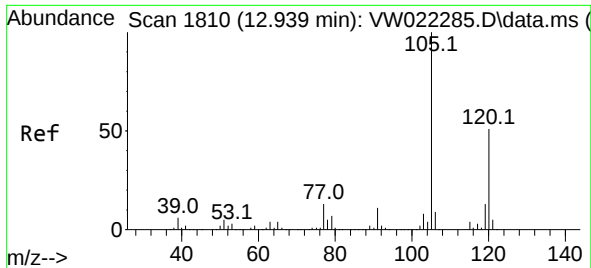
Tgt Ion:105 Resp: 165318
Ion Ratio Lower Upper
105 100
120 28.3 22.1 33.1
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 18.634 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion: 75 Resp: 22206
Ion Ratio Lower Upper
75 100
77 34.5 27.1 40.7
110 48.0 36.7 55.1

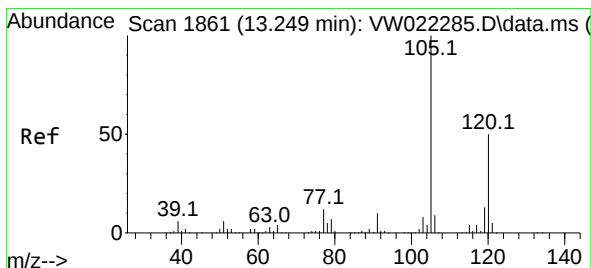
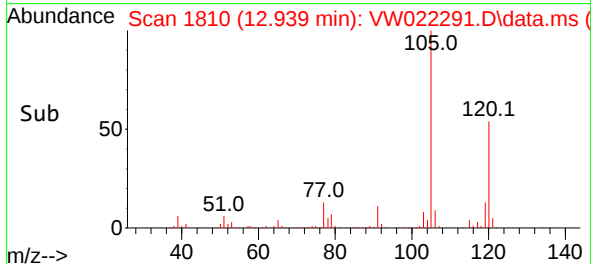
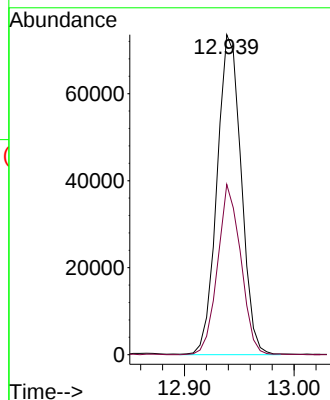
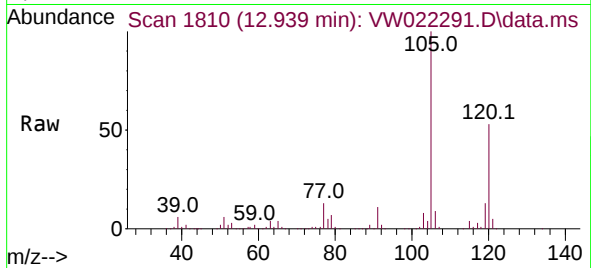




#62
1,3,5-Trimethylbenzene
Concen: 18.719 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

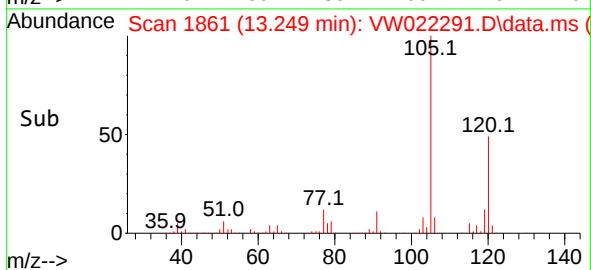
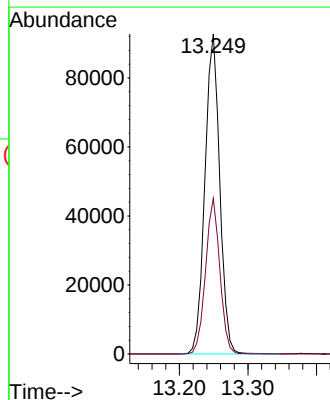
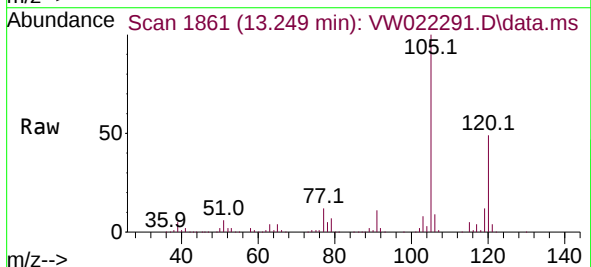
Instrument :
MSVOA_W
ClientSampleId :

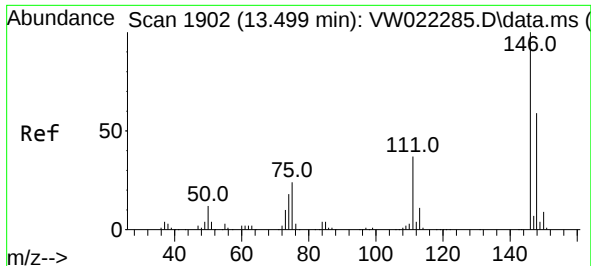
Tgt Ion:105 Resp: 112824
Ion Ratio Lower Upper
105 100
120 50.9 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 18.961 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion:105 Resp: 139665
Ion Ratio Lower Upper
105 100
120 46.9 39.2 58.8

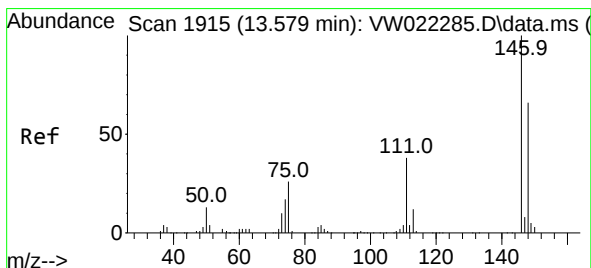
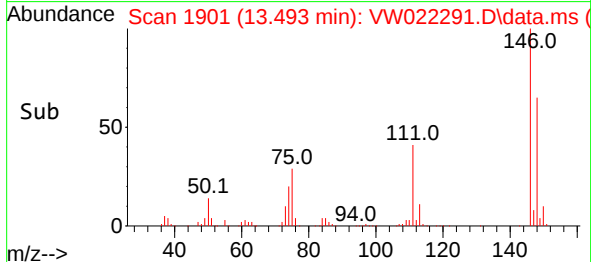
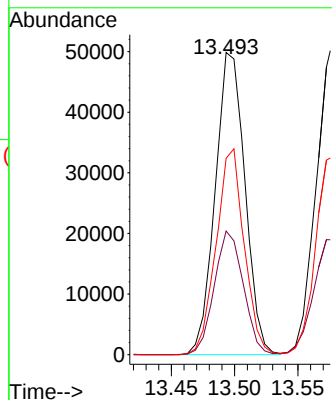
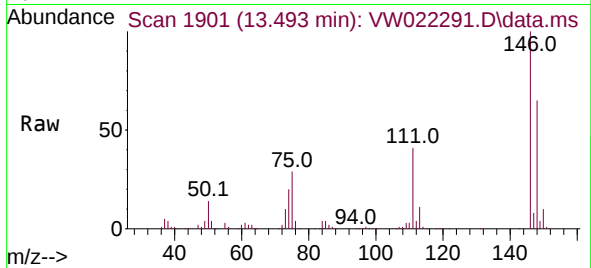




#64
1,3-Dichlorobenzene
Concen: 18.149 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

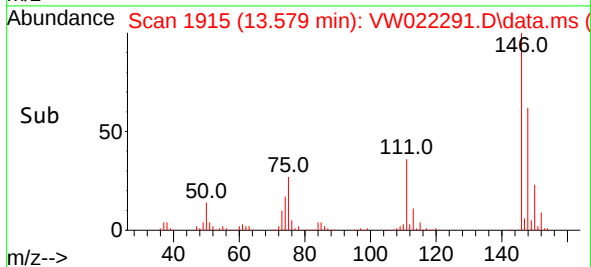
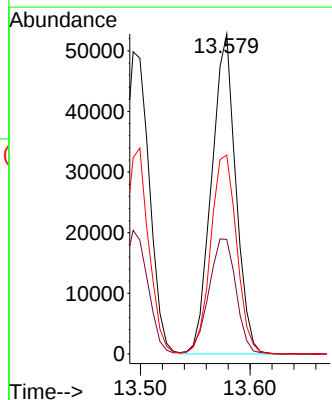
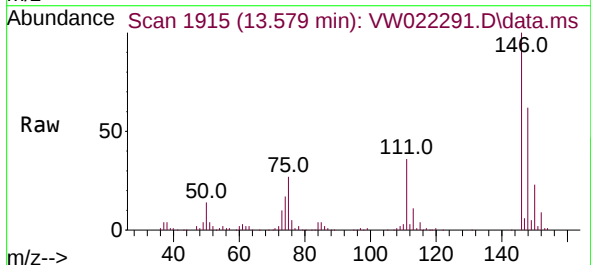
Instrument :
MSVOA_W
ClientSampleId :

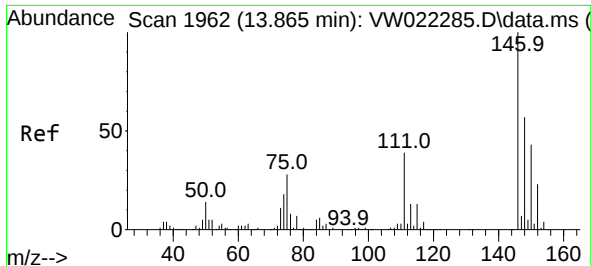
Tgt Ion:146 Resp: 81604
Ion Ratio Lower Upper
146 100
111 40.9 26.9 49.9
148 65.0 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 18.007 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion:146 Resp: 81138
Ion Ratio Lower Upper
146 100
111 35.8 27.5 51.1
148 62.1 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 19.585 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

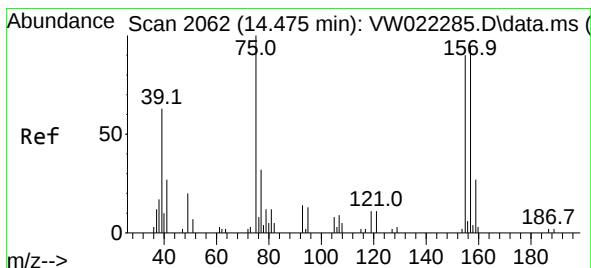
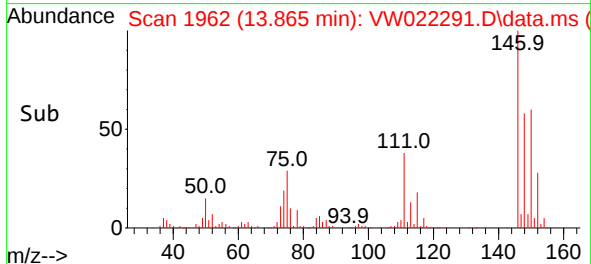
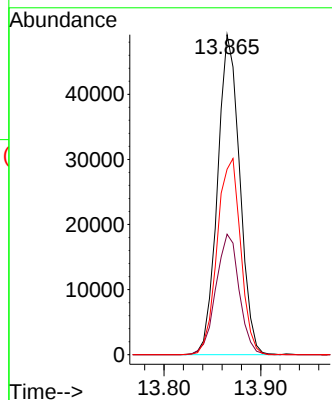
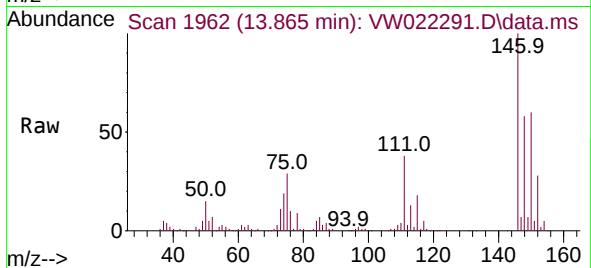
Tgt Ion:146 Resp: 78295

Ion Ratio Lower Upper

146 100

111 37.6 34.8 52.2

148 58.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.259 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW022291.D

Acq: 11 Mar 2022 11:40

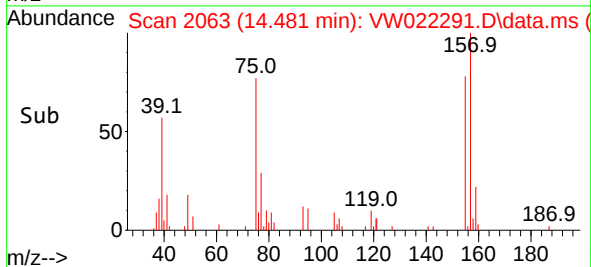
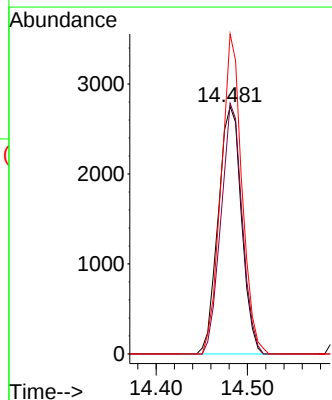
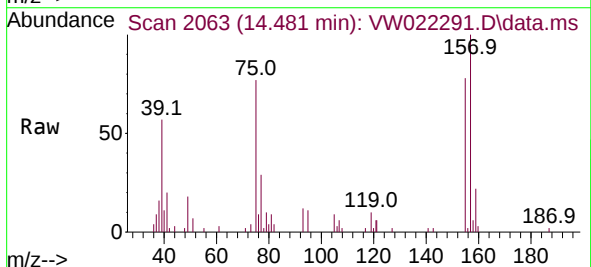
Tgt Ion: 75 Resp: 4852

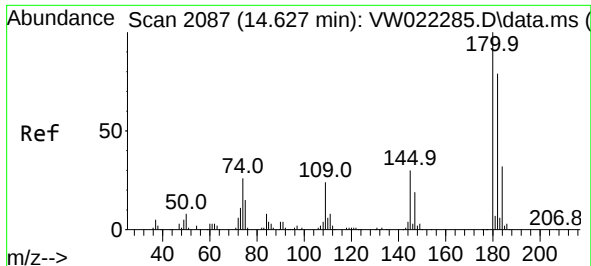
Ion Ratio Lower Upper

75 100

155 101.3 58.2 87.2#

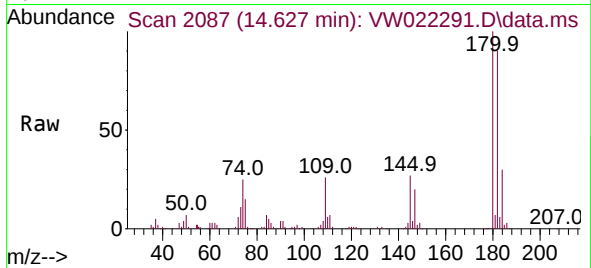
157 129.4 80.5 120.7#



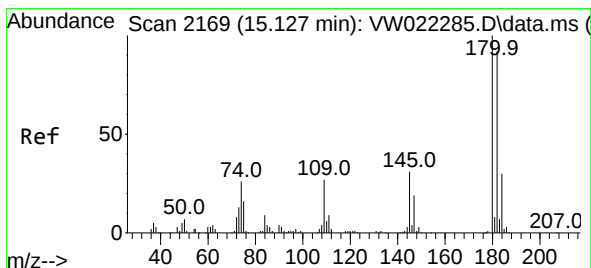
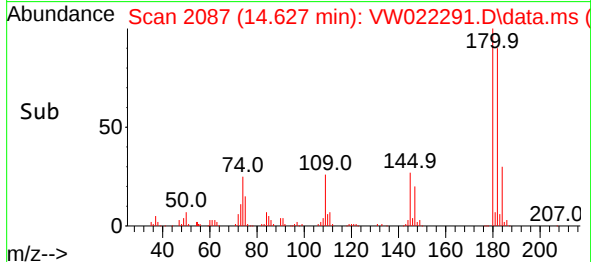
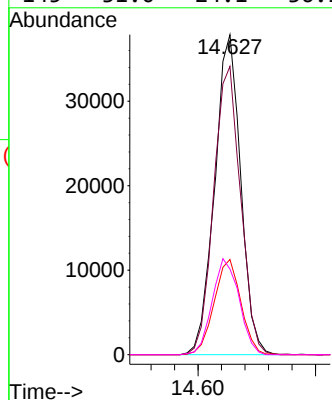


#69
 1,3,5-Trichlorobenzene
 Concen: 18.046 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

Instrument :
 MSVOA_W
 ClientSampleId :

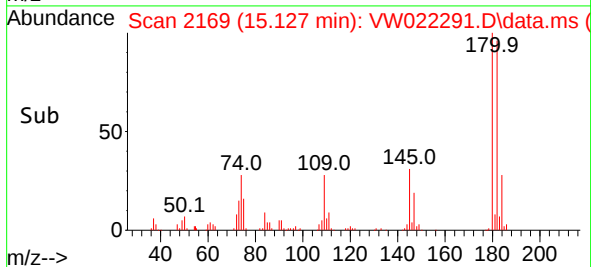
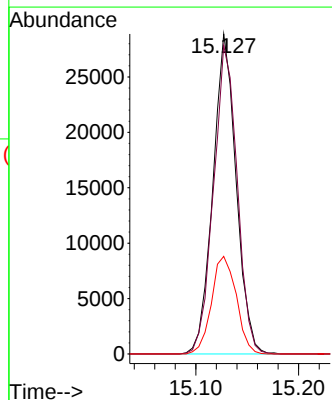
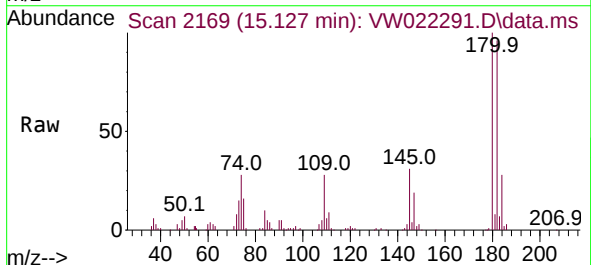


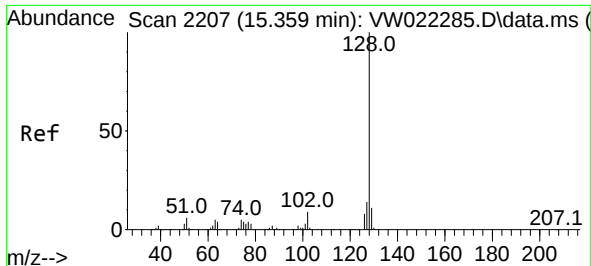
Tgt Ion:180 Resp: 58239
 Ion Ratio Lower Upper
 180 100
 182 92.8 69.4 104.0
 184 30.6 21.8 32.8
 145 31.0 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 18.554 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022291.D
 Acq: 11 Mar 2022 11:40

Tgt Ion:180 Resp: 45307
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.8 116.6
 145 32.5 25.8 38.6

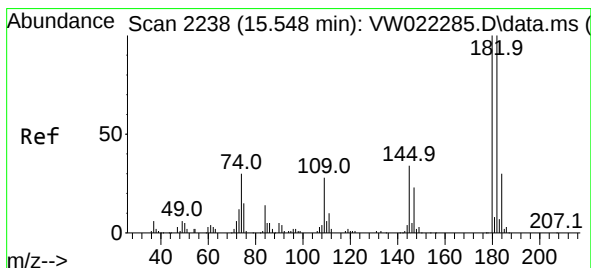
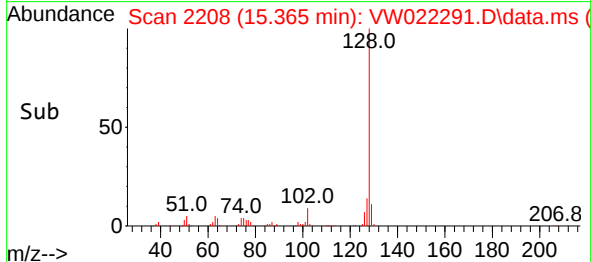
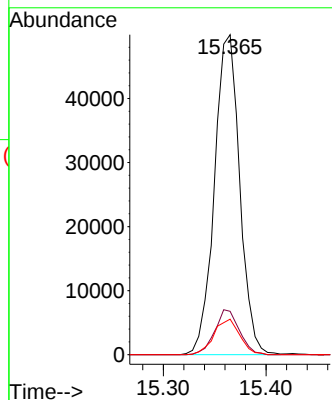
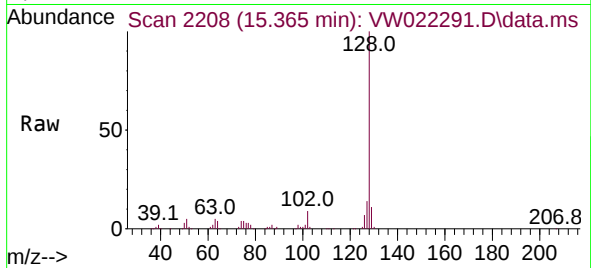




#71
Naphthalene
Concen: 19.793 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 85320
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.6
129 11.4 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 18.897 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022291.D
Acq: 11 Mar 2022 11:40

Tgt Ion:180 Resp: 39912
Ion Ratio Lower Upper
180 100
182 95.2 79.0 118.4
145 35.2 28.0 42.0

