

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031122\
 Data File : VW022292.D
 Acq On : 11 Mar 2022 12:05
 Operator : SY/VA
 Sample : N1819-06MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 21:03:15 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	129408	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	121089	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62118	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47598	28.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.800%
7) Chloroethane-d5	2.879	69	33933	25.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	4.019	63	62198	24.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.240%
21) 2-Butanone-d5	7.074	46	15129	53.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.620%
24) Chloroform-d	7.647	84	79551	27.552	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	8.305	65	39038	26.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.040%
32) Benzene-d6	8.275	84	151918	26.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.840%
36) 1,2-Dichloropropane-d6	9.274	67	41456	26.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.960%
41) Toluene-d8	10.323	98	147038	26.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.960%
43) trans-1,3-Dichloroprop...	10.579	79	17326	24.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.880%
47) 2-Hexanone-d5	10.927	63	12673	49.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36527	26.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	56528	28.332	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	3791	10.482	ug/L	93
3) Chloromethane	2.215	50	21894	17.666	ug/L	96
5) Vinyl chloride	2.355	62	35056	18.826	ug/L	94
6) Bromomethane	2.776	94	19536	15.022	ug/L	95
8) Chloroethane	2.916	64	18521	17.706	ug/L	100
9) Trichlorofluoromethane	3.257	101	25033	19.801	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31661	20.527	ug/L	98
12) 1,1-Dichloroethene	4.038	96	25053	18.741	ug/L	92
13) Acetone	4.123	43	8956	38.639	ug/L	99
14) Carbon disulfide	4.379	76	46133	13.311	ug/L	99
15) Methyl Acetate	4.665	43	9796	18.773	ug/L	97
16) Methylene chloride	4.915	84	30988	19.509	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	27054	18.426	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	44663	22.358	ug/L	99
19) 1,1-Dichloroethane	6.214	63	50631	21.300	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	32992	20.743	ug/L	93
22) 2-Butanone	7.171	43	12370	37.151	ug/L	99
23) Bromochloromethane	7.506	128	15390	19.808	ug/L	91
25) Chloroform	7.677	83	60103	21.670	ug/L	99

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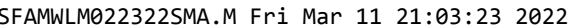
Instrument :
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 ClientSampleId :

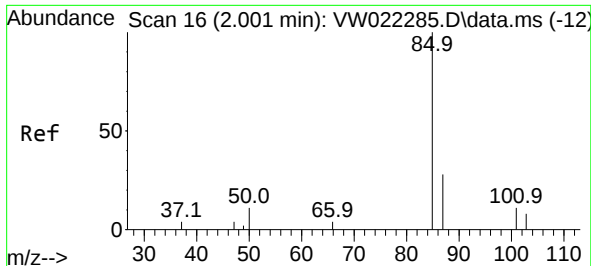
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 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 21:01:07 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	34616	20.263	ug/L	100
29) Cyclohexane	7.958	56	35969	17.849	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	51913	21.309	ug/L	98
31) Carbon tetrachloride	8.067	117	48016	20.738	ug/L	100
33) Benzene	8.323	78	119935	20.486	ug/L	100
34) Trichloroethene	9.092	95	33599	20.044	ug/L	96
35) Methylcyclohexane	9.335	83	45862	17.689	ug/L	98
37) 1,2-Dichloropropane	9.366	63	29412	21.535	ug/L #	96
38) Bromodichloromethane	9.646	83	42731	21.817	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	44720	21.541	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	28970	39.278	ug/L	99
42) Toluene	10.384	91	135911	20.512	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	39658	21.257	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24477	20.211	ug/L	92
46) Tetrachloroethene	10.860	164	29012	19.758	ug/L	95
48) 2-Hexanone	10.969	43	20430	39.909	ug/L	99
49) Dibromochloromethane	11.128	129	31480	21.399	ug/L	97
50) 1,2-Dibromoethane	11.231	107	22478	19.242	ug/L	93
51) Chlorobenzene	11.652	112	96436	20.913	ug/L	98
52) Ethylbenzene	11.731	91	153479	20.929	ug/L	99
53) m,p-Xylene	11.835	106	62514	20.718	ug/L	96
54) o-Xylene	12.164	106	61473	21.652	ug/L	98
55) Styrene	12.176	104	103210	21.684	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	29500	20.993	ug/L	99
59) Bromoform	12.347	173	16905	20.579	ug/L	95
60) Isopropylbenzene	12.463	105	169688	22.756	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	20775	21.190	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	114512	23.094	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	139735	23.059	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	79590	21.516	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	80636	21.753	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	72965	22.186	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4044	19.512	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.627	180	53733	20.238	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	42645	21.228	ug/L	97
71) Naphthalene	15.359	128	70894	19.991	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	36838	21.201	ug/L	96

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

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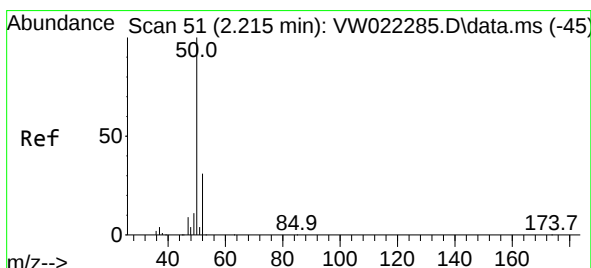
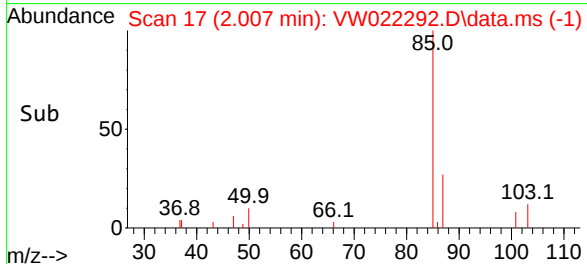
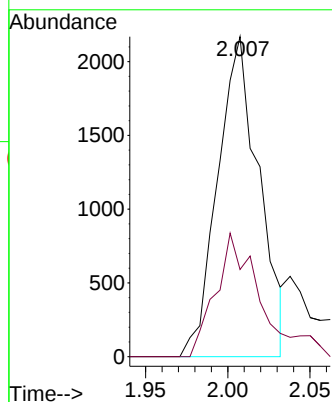
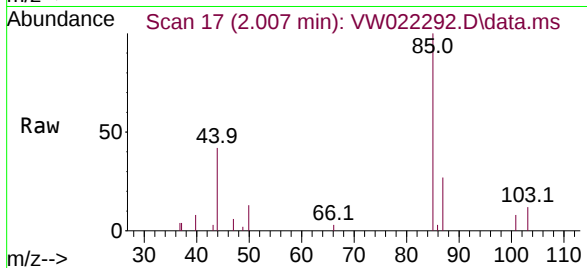




#2
 Dichlorodifluoromethane
 Concen: 10.482 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05

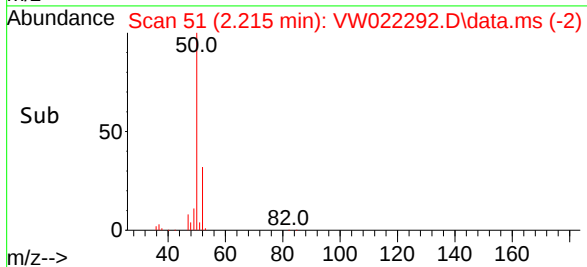
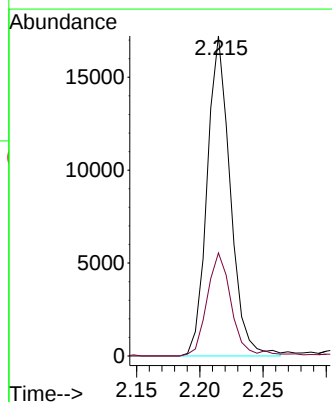
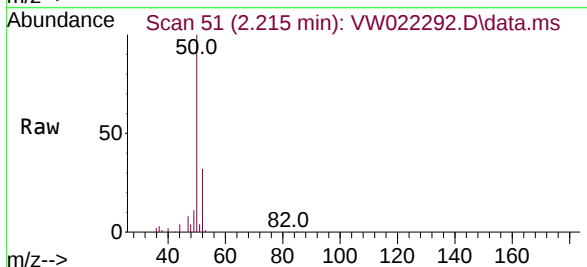
Instrument :
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 ClientSampleId :

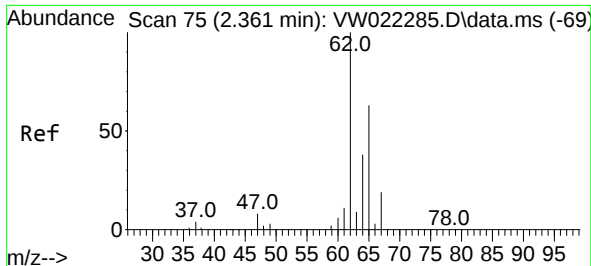
Tgt Ion: 85 Resp: 3791
 Ion Ratio Lower Upper
 85 100
 87 38.7 27.6 41.4



#3
 Chloromethane
 Concen: 17.666 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05

Tgt Ion: 50 Resp: 21894
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.9 44.5

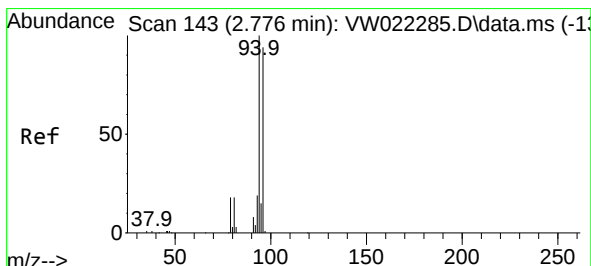
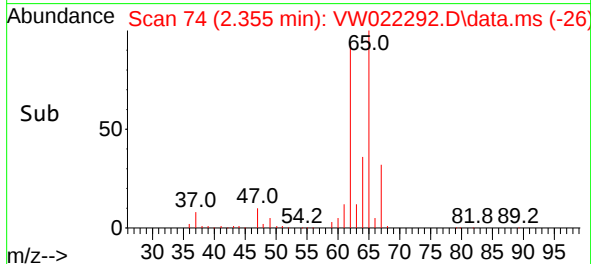
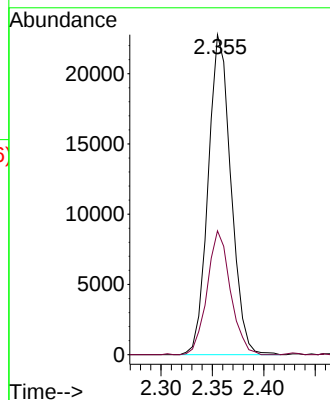
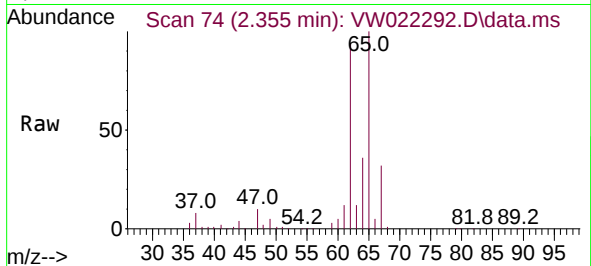




#5
 Vinyl chloride
 Concen: 18.826 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05

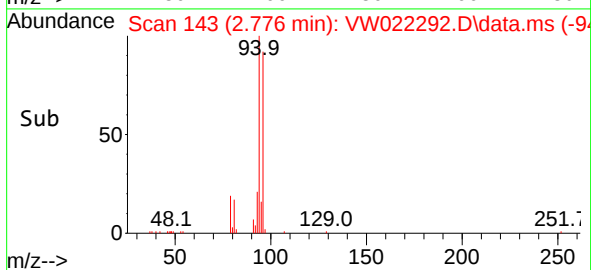
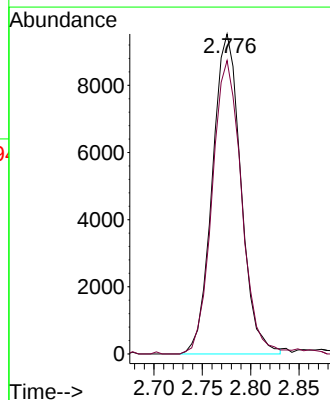
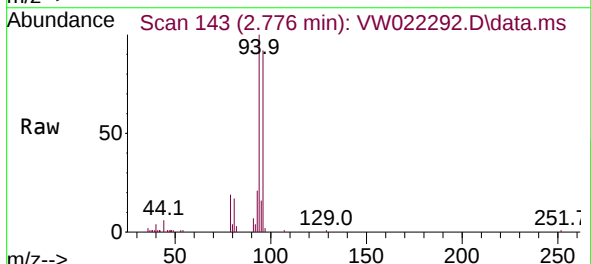
Instrument :
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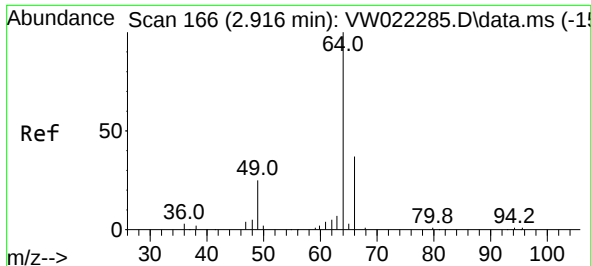
Tgt Ion: 62 Resp: 35056
 Ion Ratio Lower Upper
 62 100
 64 38.7 24.7 45.9



#6
 Bromomethane
 Concen: 15.022 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05

Tgt Ion: 94 Resp: 19536
 Ion Ratio Lower Upper
 94 100
 96 91.7 61.2 113.8

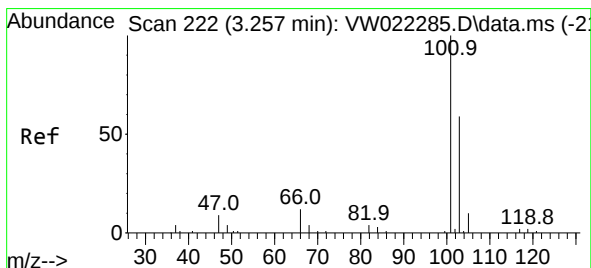
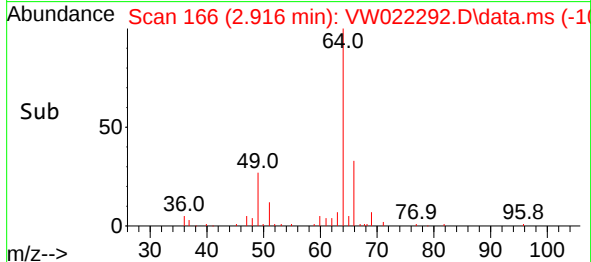
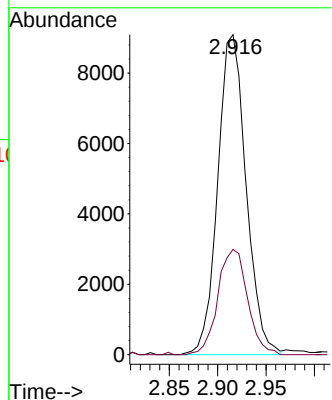
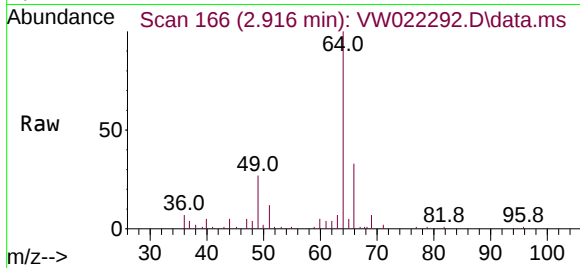




#8
Chloroethane
Concen: 17.706 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

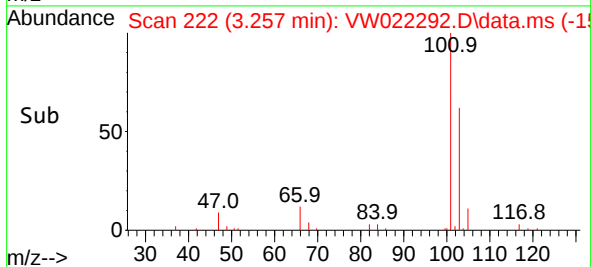
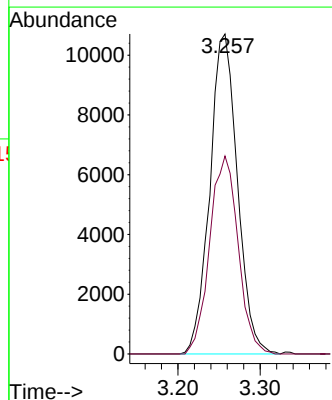
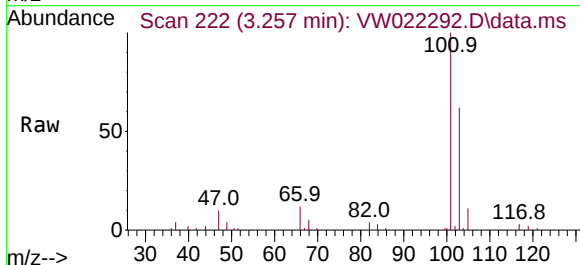
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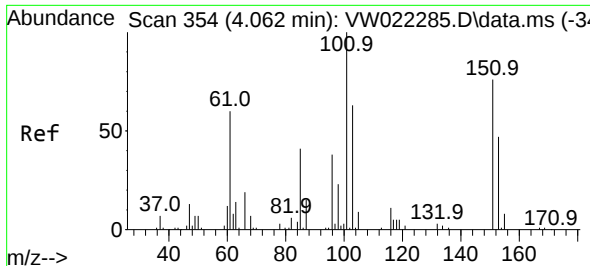
Tgt Ion: 64 Resp: 18521
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 19.801 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion:101 Resp: 25033
Ion Ratio Lower Upper
101 100
103 63.6 53.2 79.8

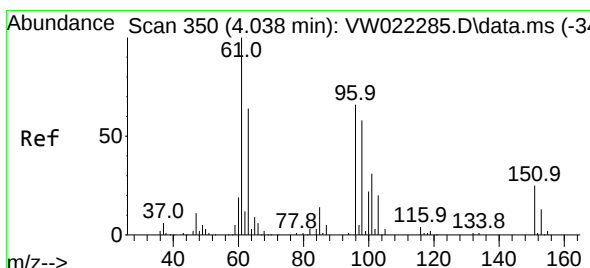
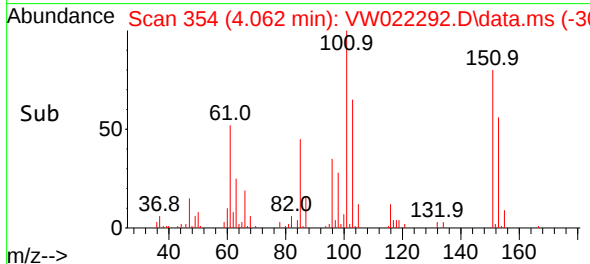
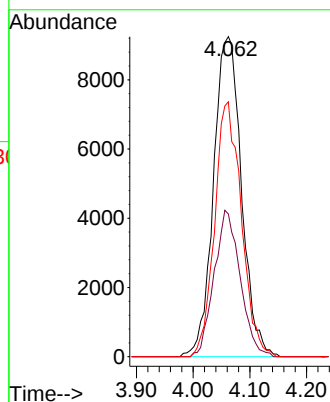
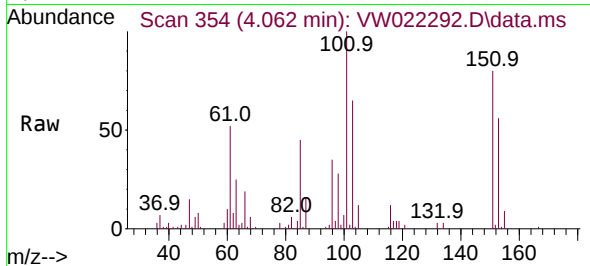




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.527 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05

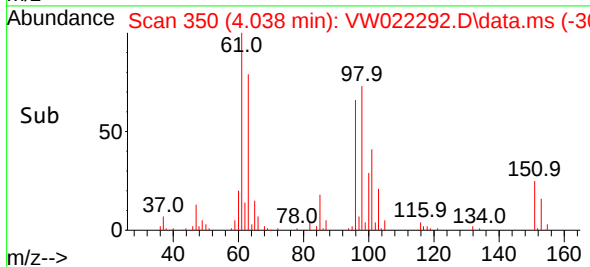
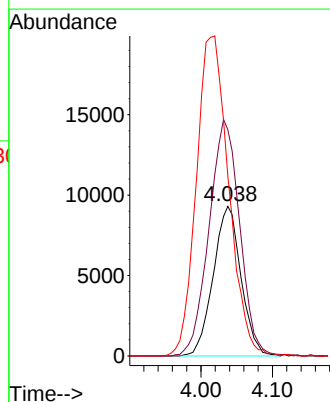
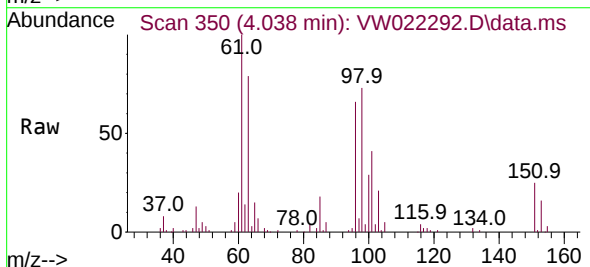
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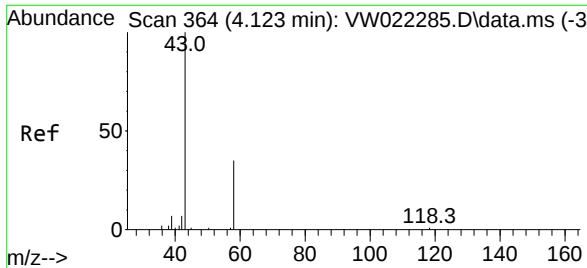
Tgt Ion:101 Resp: 31661
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.4 51.6
 151 75.8 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 18.741 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05

Tgt Ion: 96 Resp: 25053
 Ion Ratio Lower Upper
 96 100
 61 151.0 108.4 201.2
 63 119.9 72.0 133.6





#13

Acetone

Concen: 38.639 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

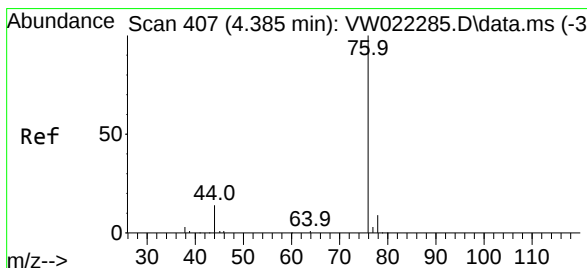
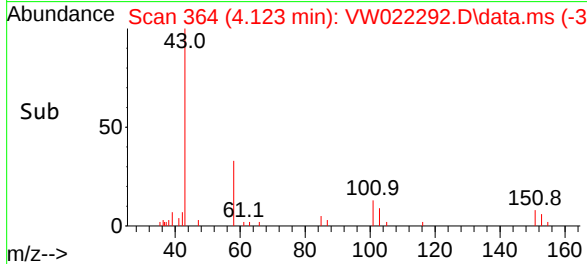
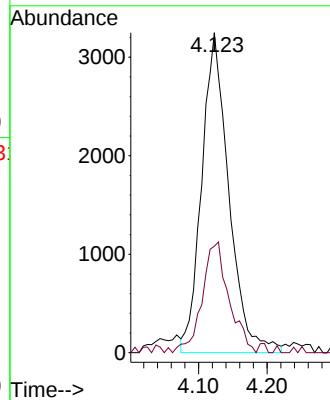
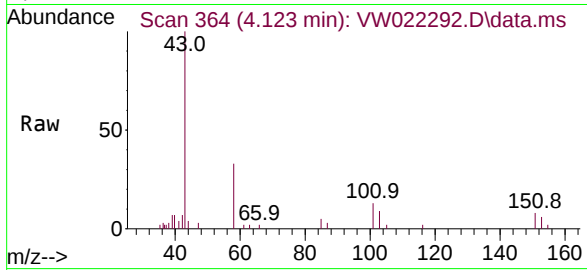
ClientSampleId :

Tgt Ion: 43 Resp: 8956

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.2



#14

Carbon disulfide

Concen: 13.311 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022292.D

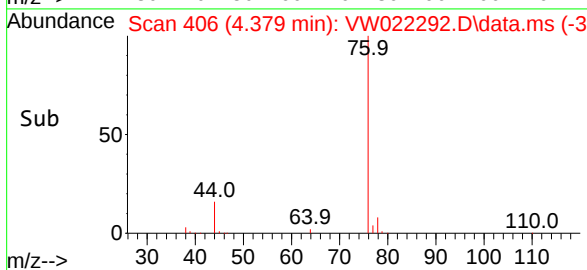
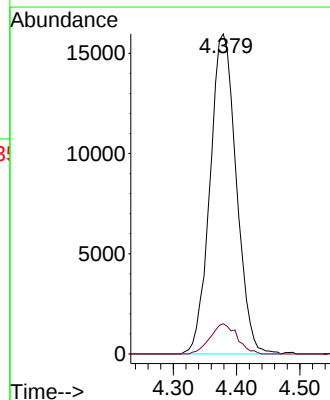
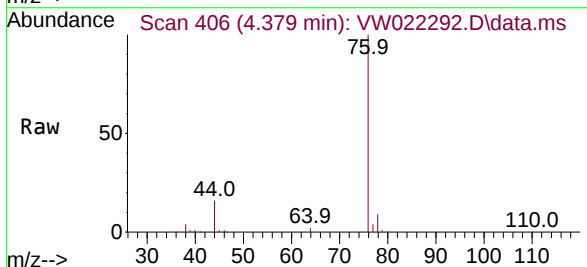
Acq: 11 Mar 2022 12:05

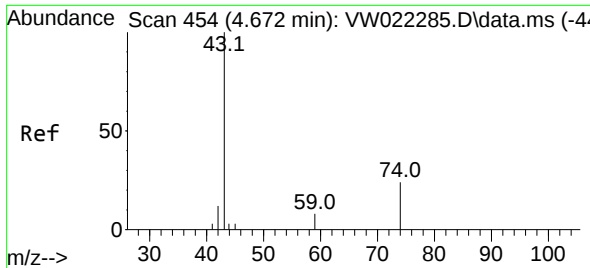
Tgt Ion: 76 Resp: 46133

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.8

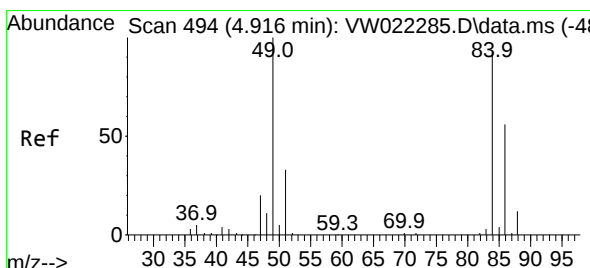
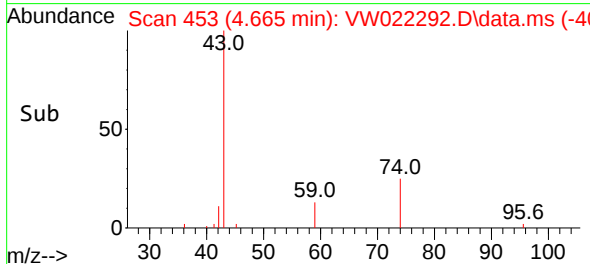
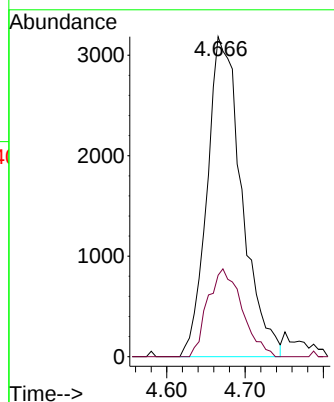
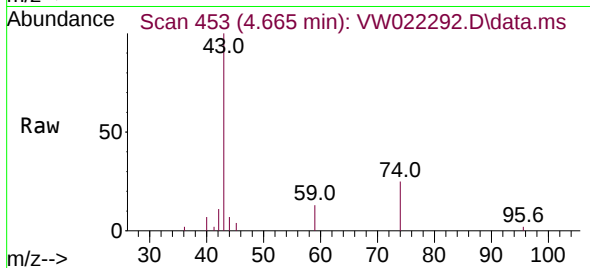




#15
Methyl Acetate
Concen: 18.773 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

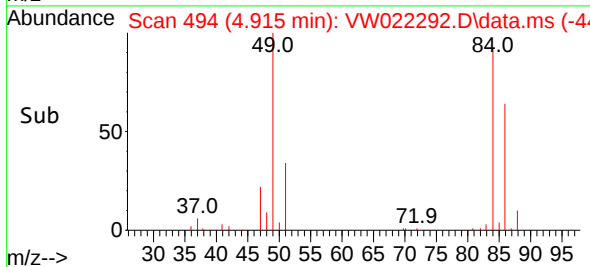
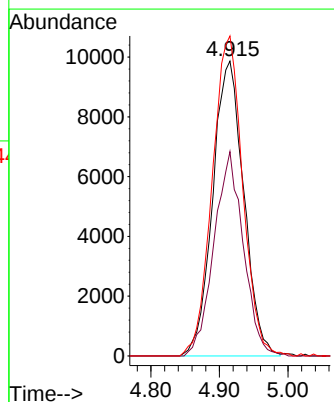
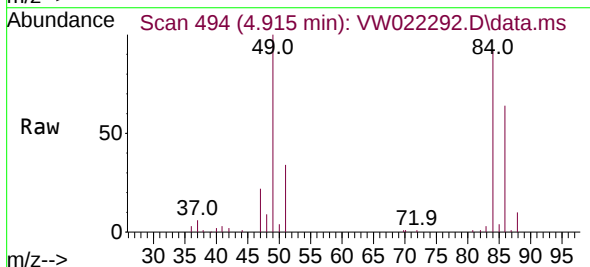
Instrument :
MSVOA_W
ClientSampleId :

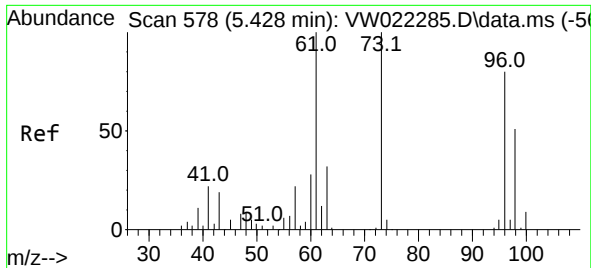
Tgt Ion: 43 Resp: 9796
Ion Ratio Lower Upper
43 100
74 27.2 23.0 34.6



#16
Methylene chloride
Concen: 19.509 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion: 84 Resp: 30988
Ion Ratio Lower Upper
84 100
86 69.3 45.8 85.0
49 108.5 73.8 137.0

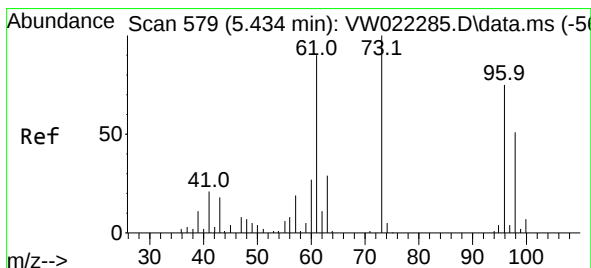
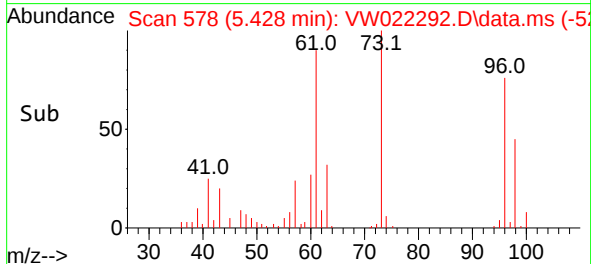
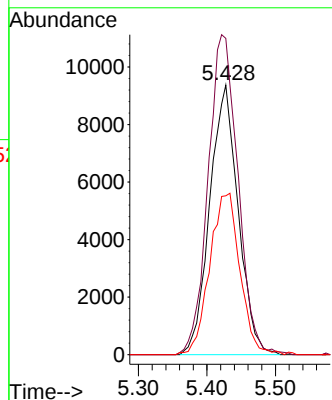
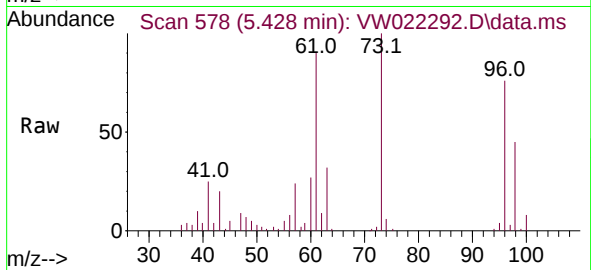




#17
trans-1,2-Dichloroethene
Concen: 18.426 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

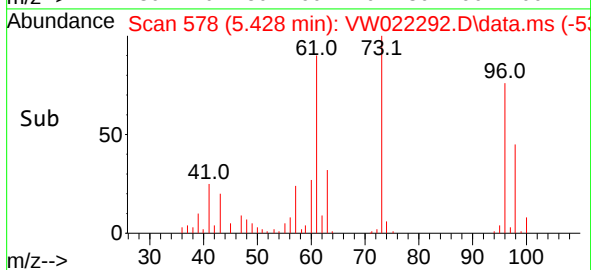
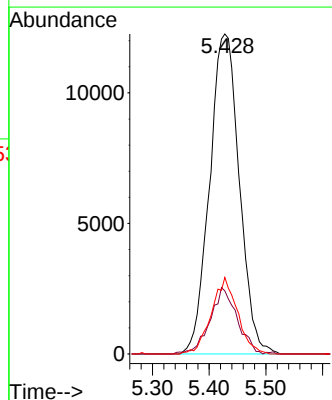
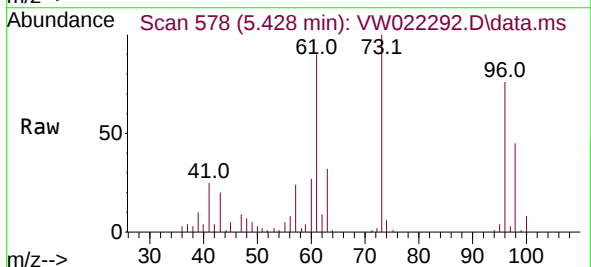
Instrument :
MSVOA_W
ClientSampleId :

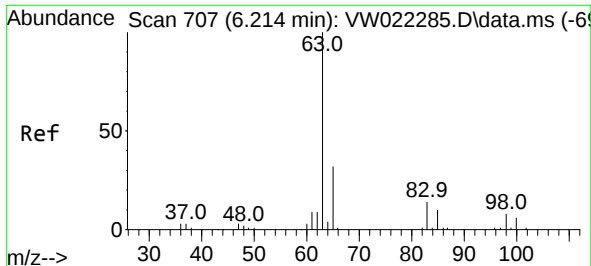
Tgt Ion: 96 Resp: 27054
Ion Ratio Lower Upper
96 100
61 117.3 87.3 162.1
98 58.9 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 22.358 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion: 73 Resp: 44663
Ion Ratio Lower Upper
73 100
43 18.6 15.4 23.2
57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 21.300 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

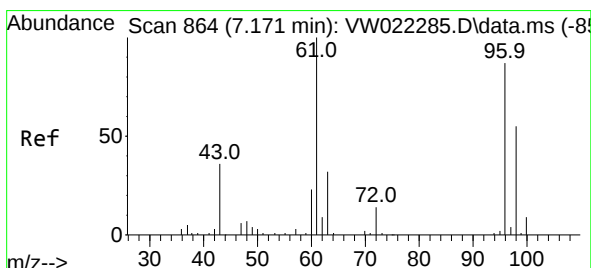
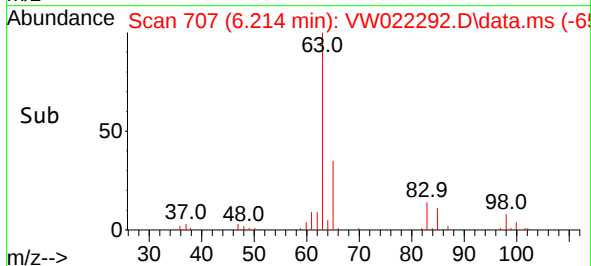
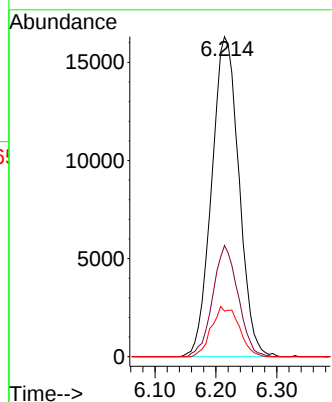
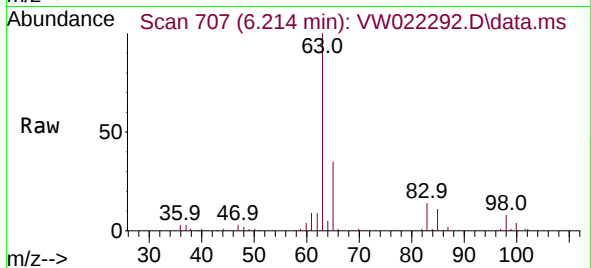
Tgt Ion: 63 Resp: 50631

Ion Ratio Lower Upper

63 100

65 34.7 22.5 41.9

83 14.2 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 20.743 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

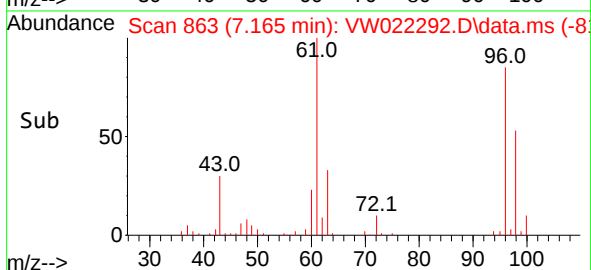
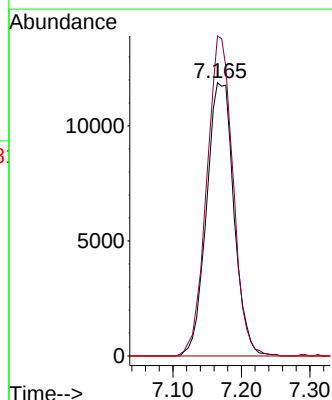
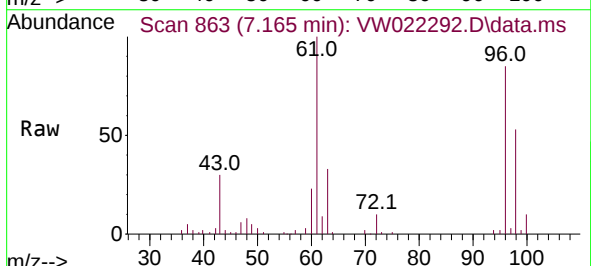
Tgt Ion: 96 Resp: 32992

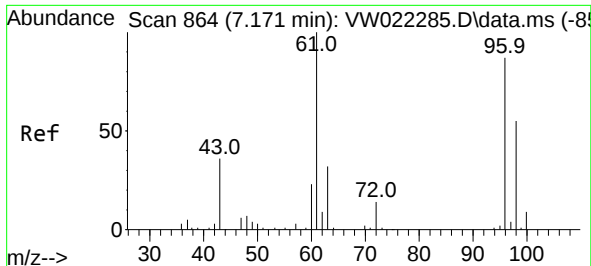
Ion Ratio Lower Upper

96 100

61 117.1 76.8 142.6

68 0.0 0.0 0.0

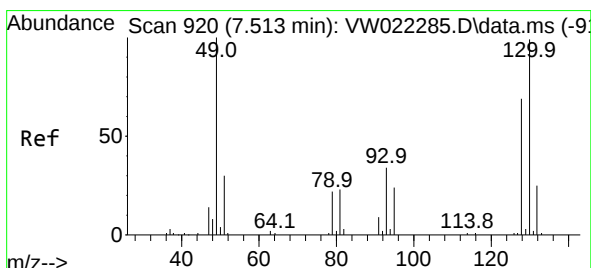
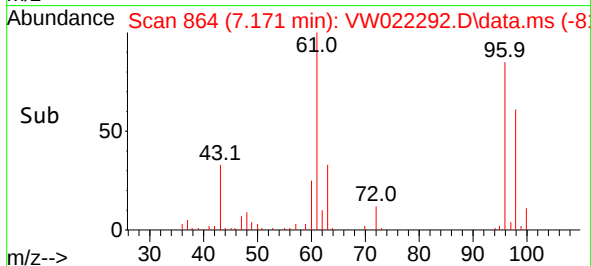
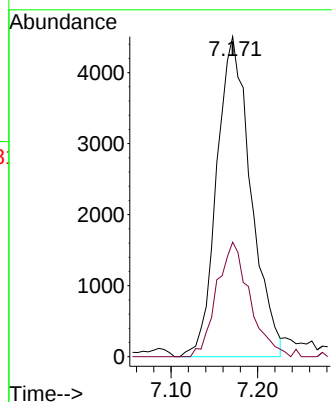
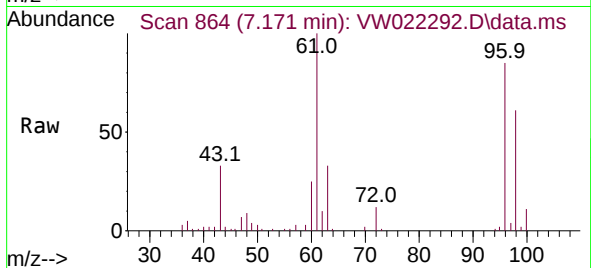




#22
2-Butanone
Concen: 37.151 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

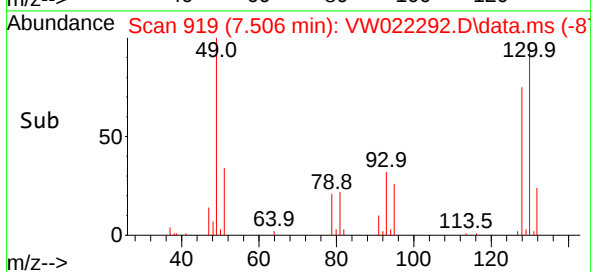
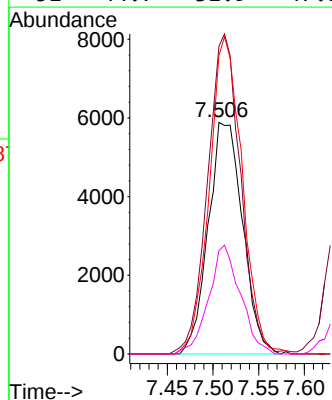
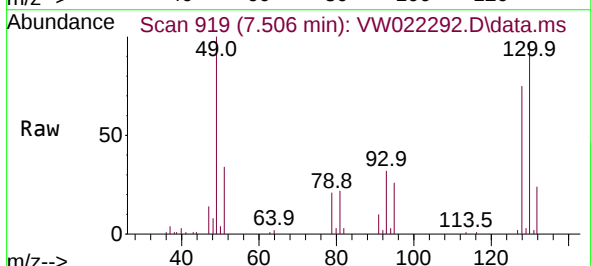
Instrument :
MSVOA_W
ClientSampleId :

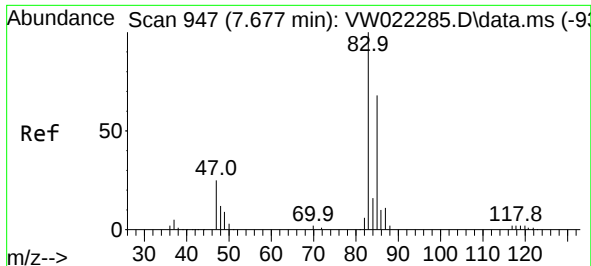
Tgt Ion: 43 Resp: 12370
Ion Ratio Lower Upper
43 100
72 34.6 17.0 51.0



#23
Bromochloromethane
Concen: 19.808 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion: 128 Resp: 15390
Ion Ratio Lower Upper
128 100
49 132.9 84.2 156.4
130 128.9 84.8 157.4
51 44.7 31.9 47.9

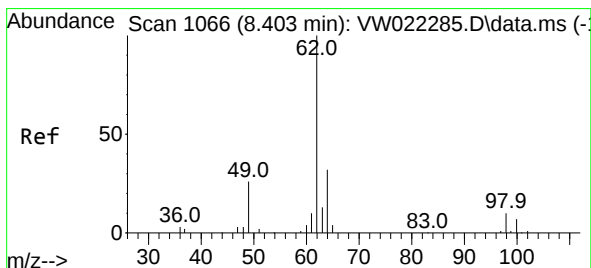
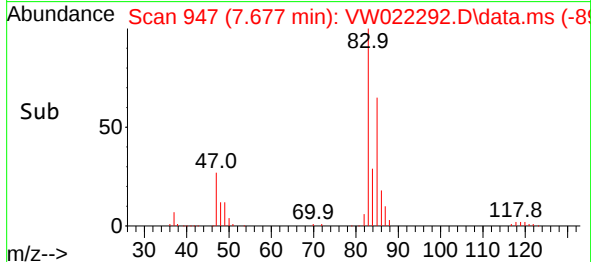
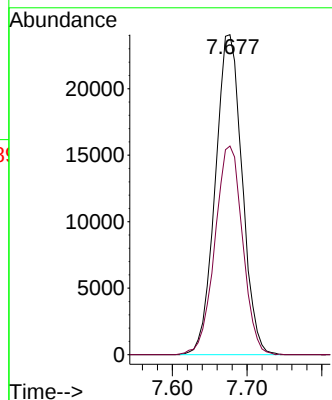
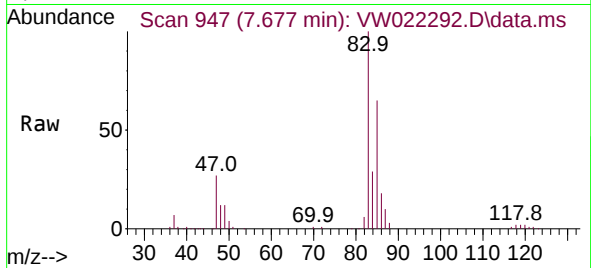




#25
Chloroform
Concen: 21.670 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

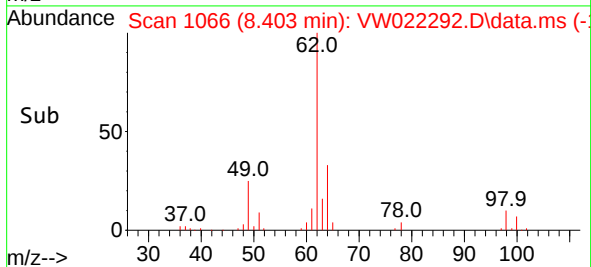
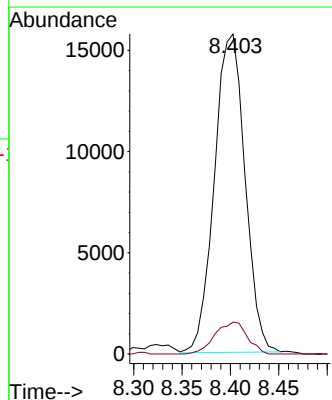
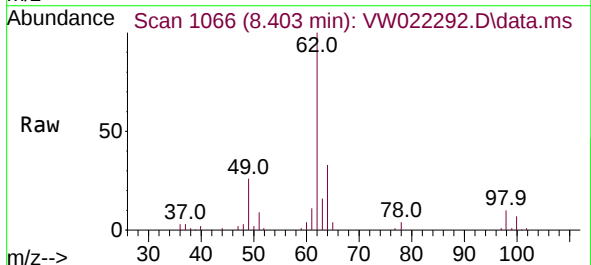
Instrument :
MSVOA_W
ClientSampleId :

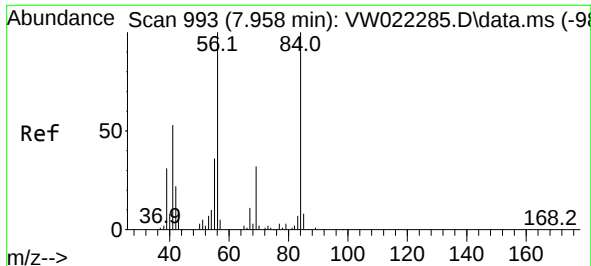
Tgt Ion: 83 Resp: 60103
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 20.263 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

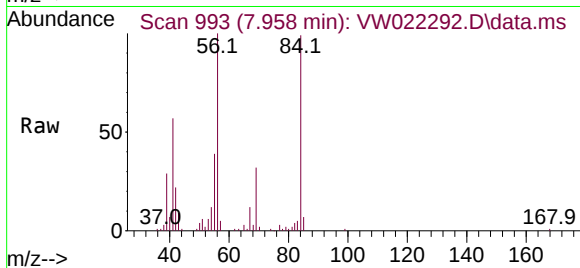
Tgt Ion: 62 Resp: 34616
Ion Ratio Lower Upper
62 100
98 10.0 7.9 11.9



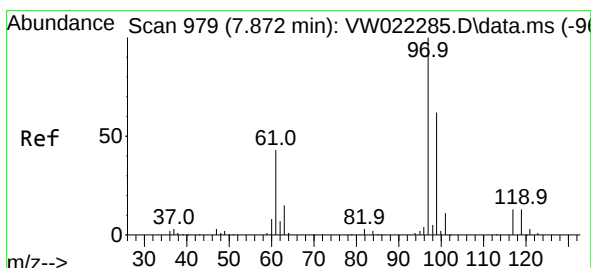
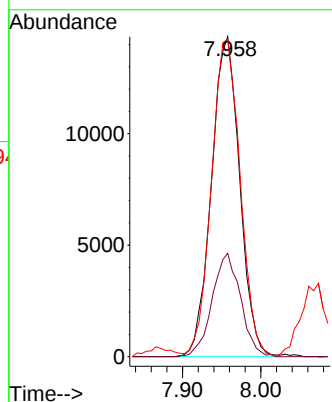
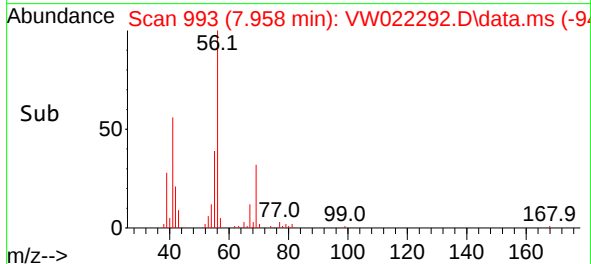


#29
Cyclohexane
Concen: 17.849 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Instrument :
MSVOA_W
ClientSampleId :

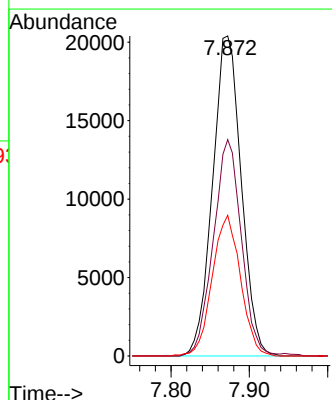
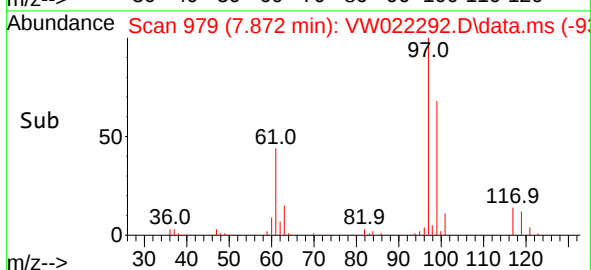
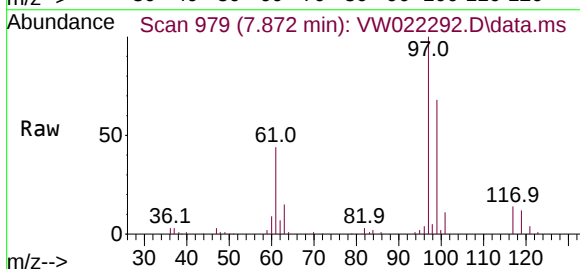


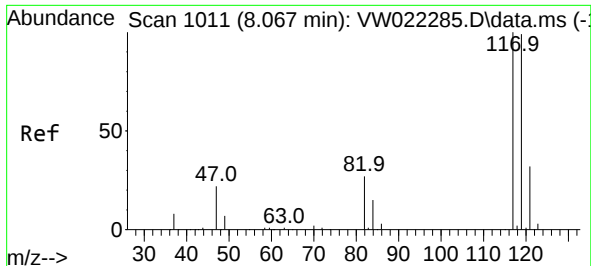
Tgt Ion:	56	Resp:	35969
Ion Ratio	Lower	Upper	
56	100		
69	32.5	26.3	39.5
84	100.9	81.4	122.2



#30
1,1,1-Trichloroethane
Concen: 21.309 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion:	97	Resp:	51913
Ion Ratio	Lower	Upper	
97	100		
99	66.0	52.6	78.8
61	43.4	33.0	49.6

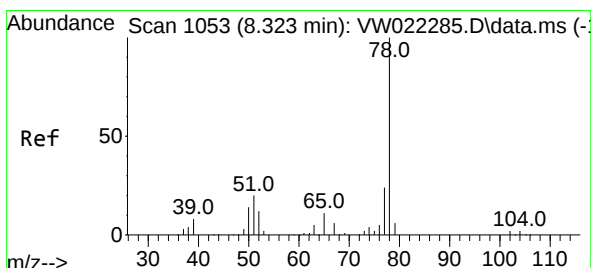
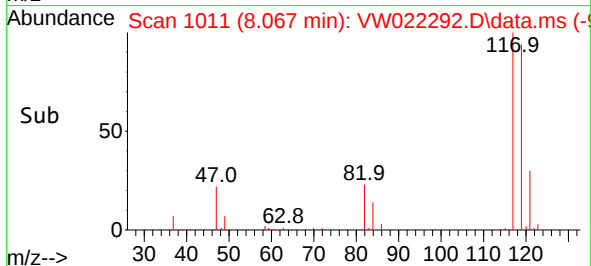
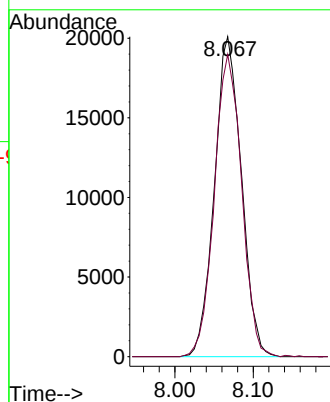
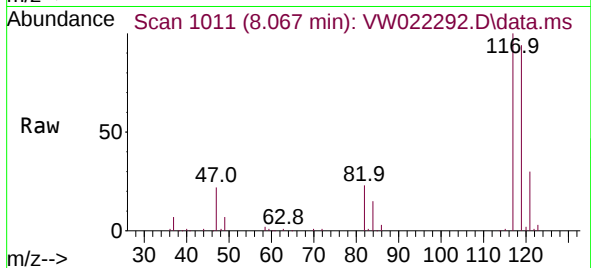




#31
Carbon tetrachloride
Concen: 20.738 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

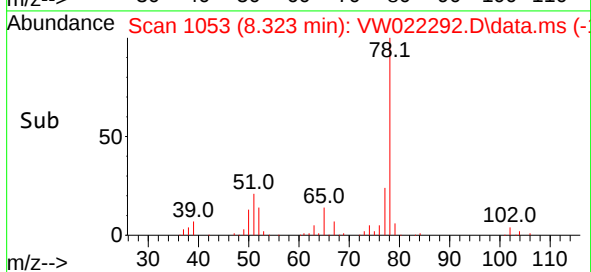
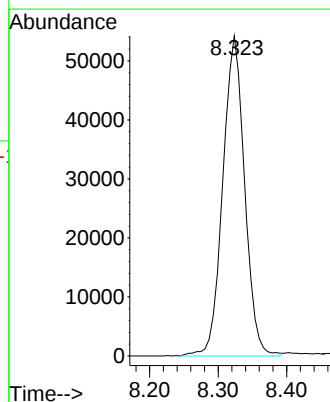
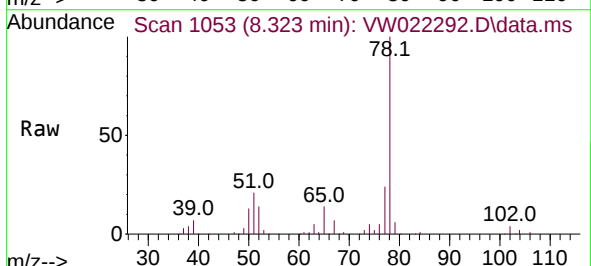
Instrument :
MSVOA_W
ClientSampleId :

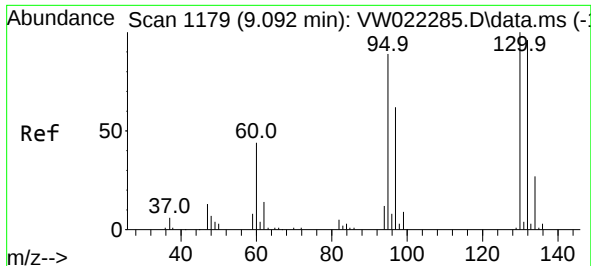
Tgt Ion:117 Resp: 48016
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 20.486 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

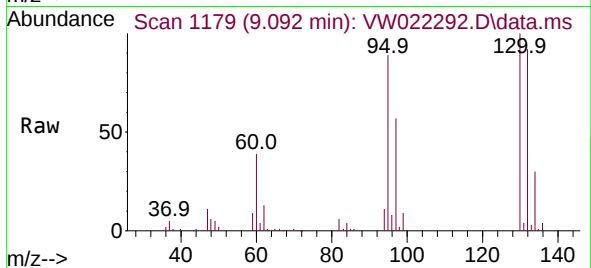
Tgt Ion: 78 Resp: 119935





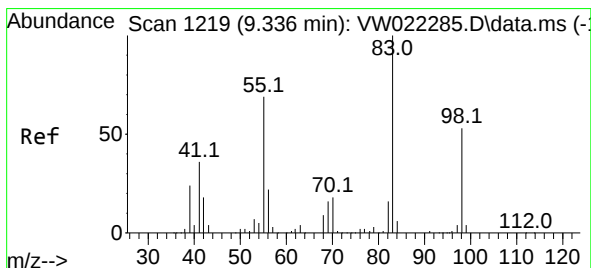
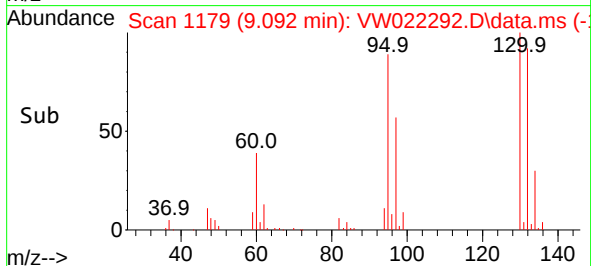
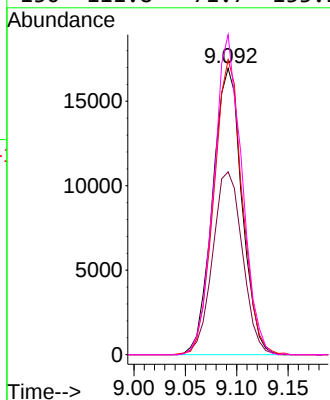
#34
Trichloroethene
Concen: 20.044 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 33599

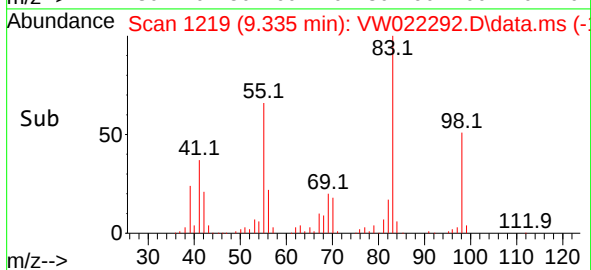
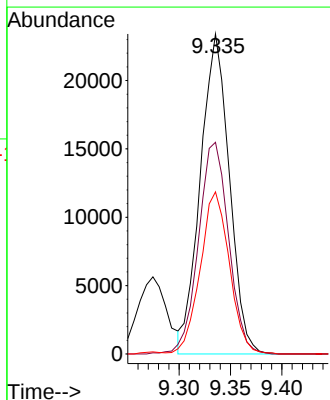
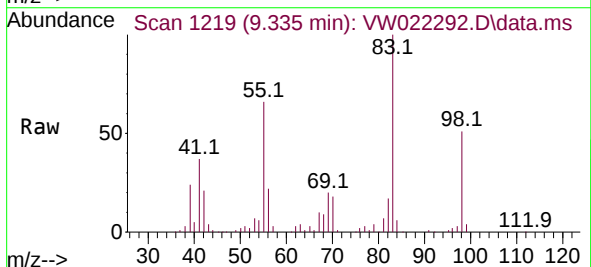
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.4	82.4
132	103.0	71.7	133.1
130	111.8	71.7	133.1

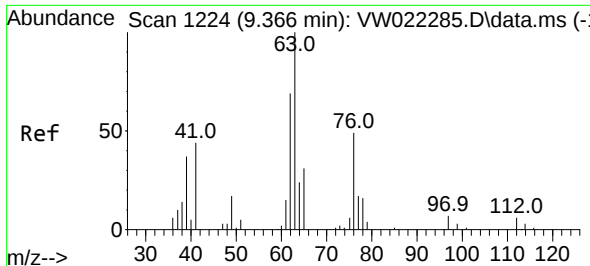


#35
Methylcyclohexane
Concen: 17.689 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion: 83 Resp: 45862

Ion	Ratio	Lower	Upper
83	100		
55	68.9	53.8	80.8
98	51.2	42.1	63.1





#37

1,2-Dichloropropane

Concen: 21.535 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

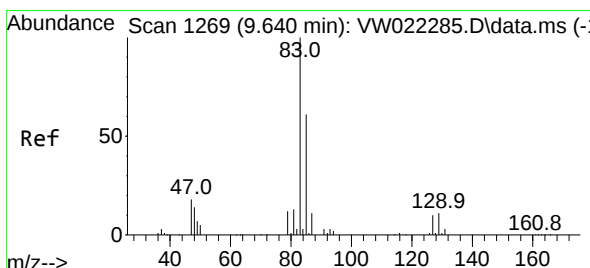
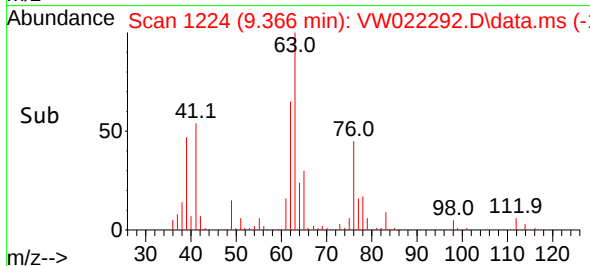
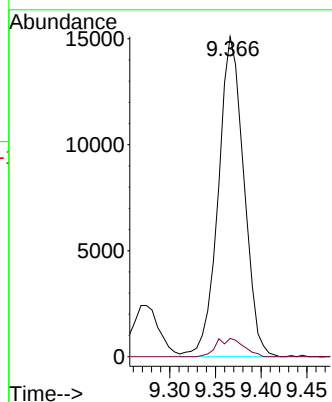
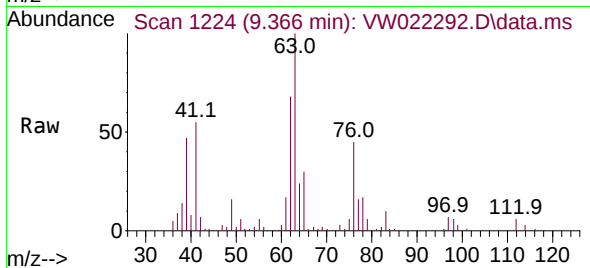
ClientSampleId :

Tgt Ion: 63 Resp: 29412

Ion Ratio Lower Upper

63 100

112 3.7 4.1 6.1#



#38

Bromodichloromethane

Concen: 21.817 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

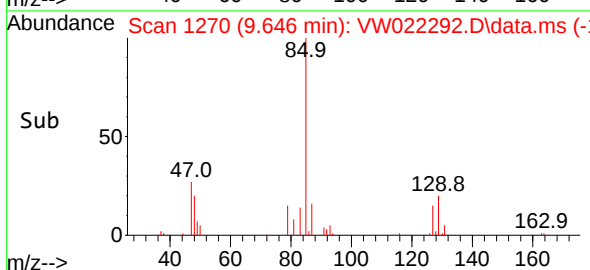
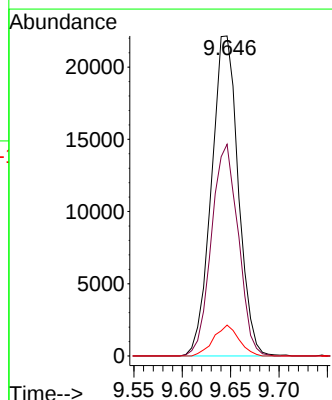
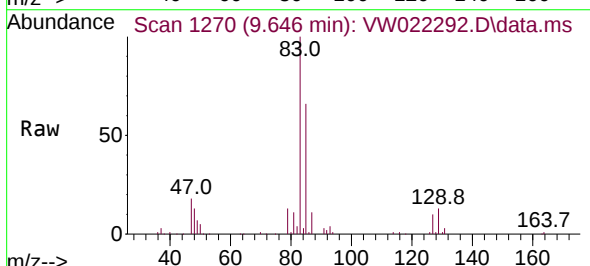
Tgt Ion: 83 Resp: 42731

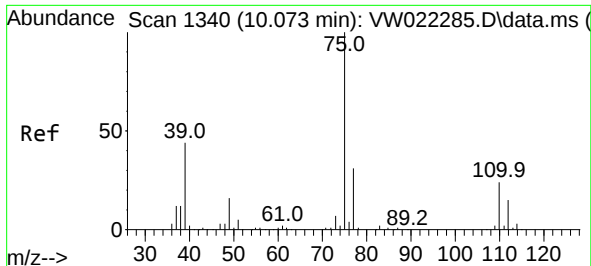
Ion Ratio Lower Upper

83 100

85 66.2 47.9 89.1

127 9.7 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 21.541 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

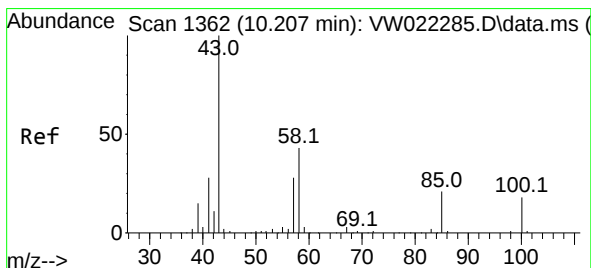
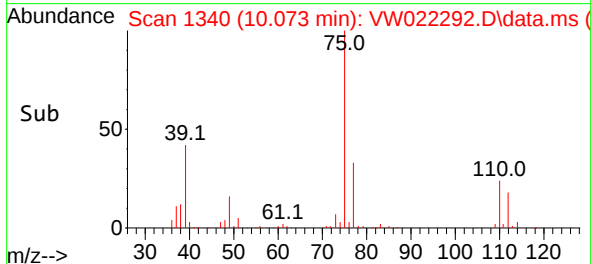
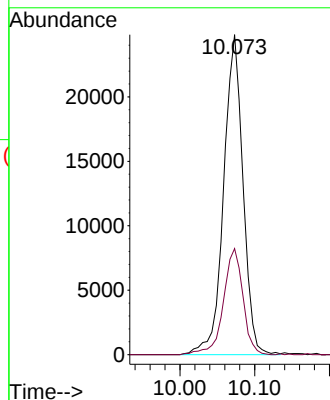
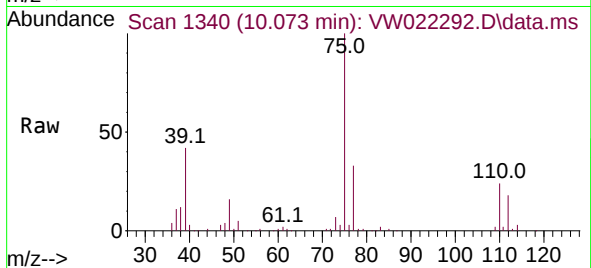
ClientSampleId :

Tgt Ion: 75 Resp: 44720

Ion Ratio Lower Upper

75 100

77 33.1 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 39.278 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

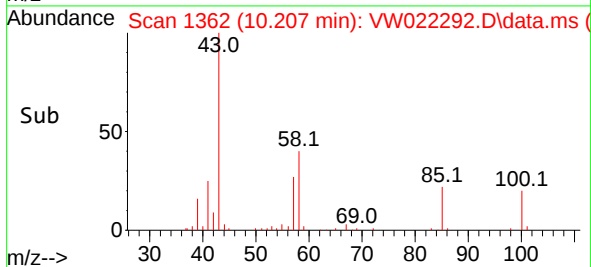
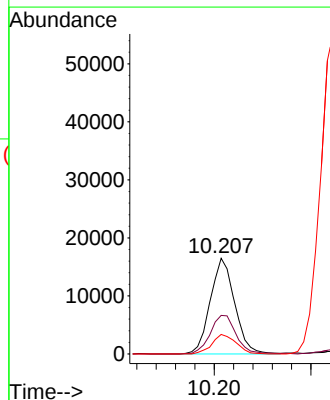
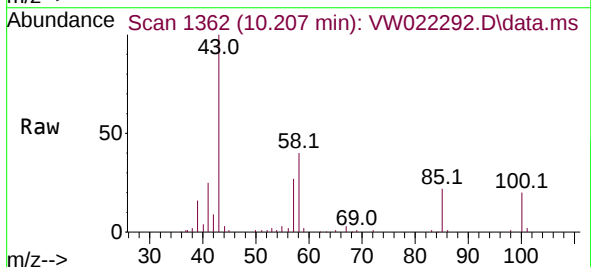
Tgt Ion: 43 Resp: 28970

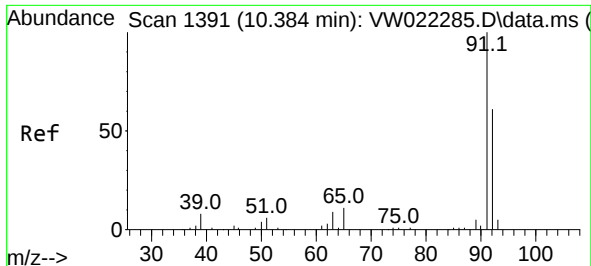
Ion Ratio Lower Upper

43 100

58 42.6 33.2 49.8

100 20.1 16.1 24.1

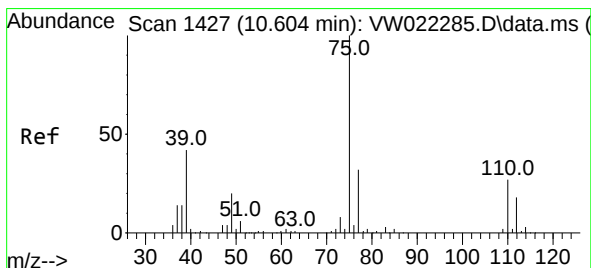
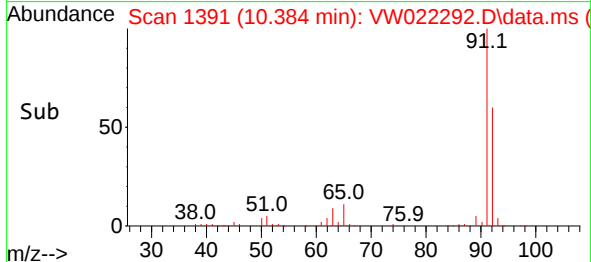
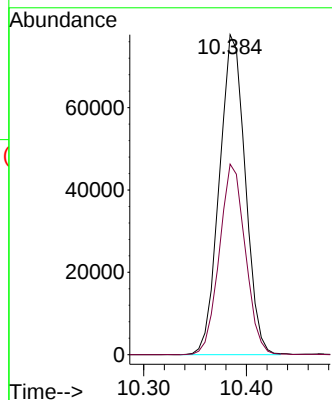
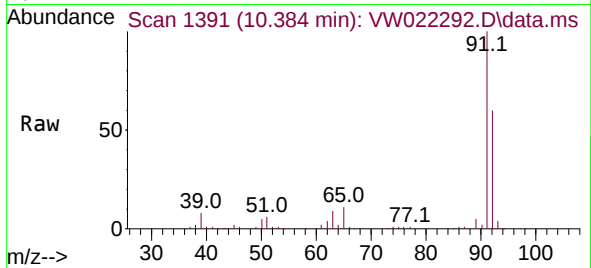




#42
Toluene
Concen: 20.512 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

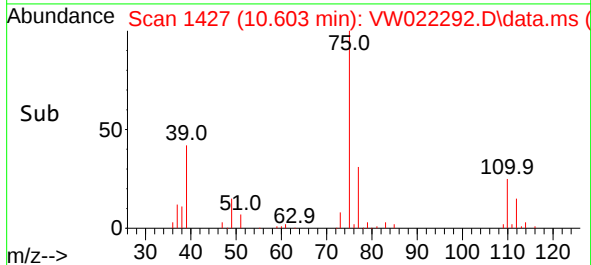
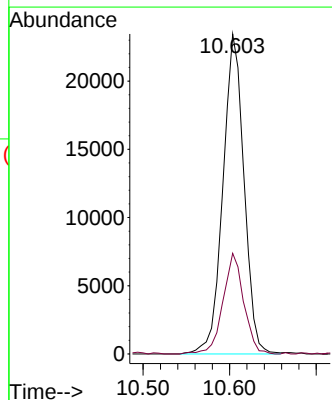
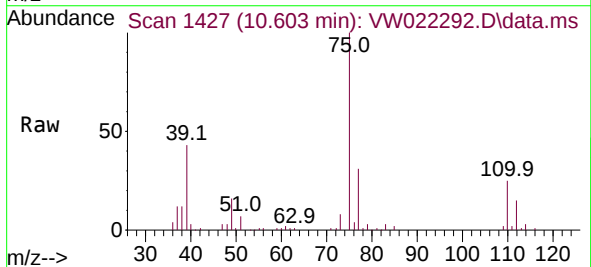
Instrument :
MSVOA_W
ClientSampleId :

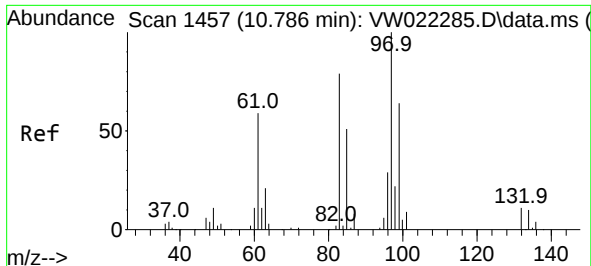
Tgt Ion: 91 Resp: 135911
Ion Ratio Lower Upper
91 100
92 59.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 21.257 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

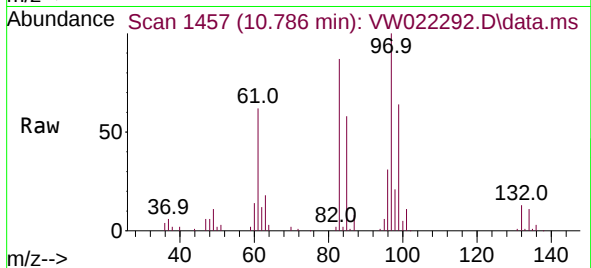
Tgt Ion: 75 Resp: 39658
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8





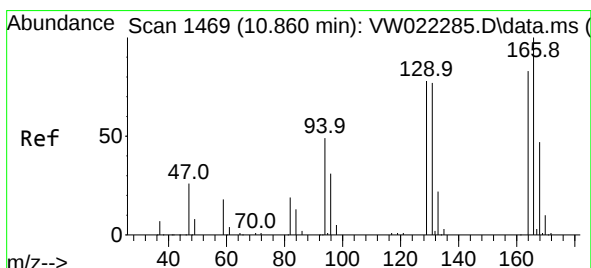
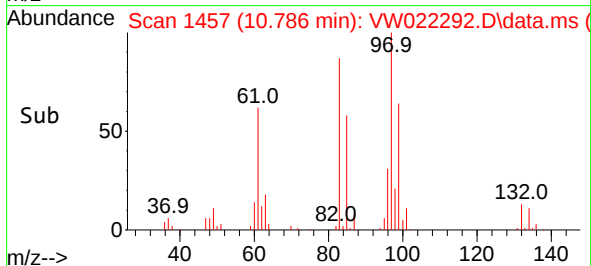
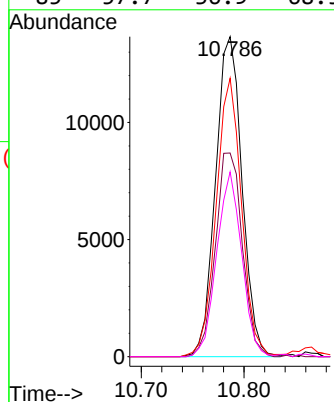
#45
1,1,2-Trichloroethane
Concen: 20.211 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 24477

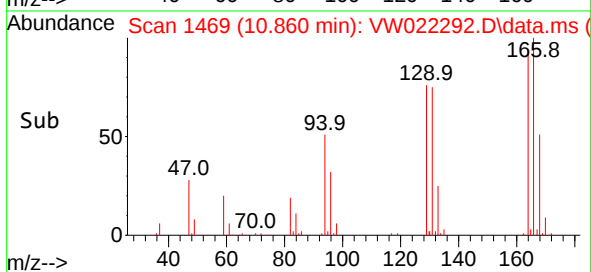
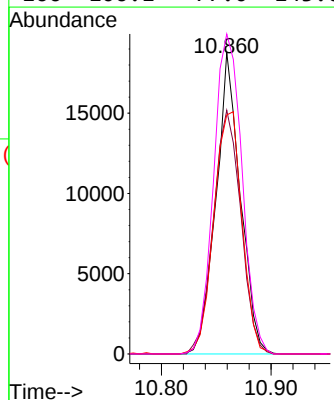
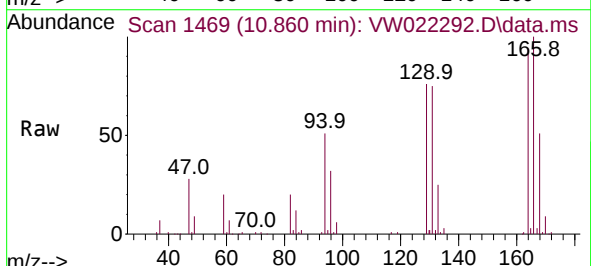
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.5	80.7
83	87.0	53.5	99.3
85	57.7	36.9	68.5

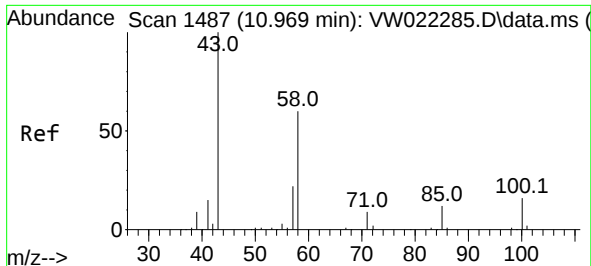


#46
Tetrachloroethene
Concen: 19.758 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion: 164 Resp: 29012

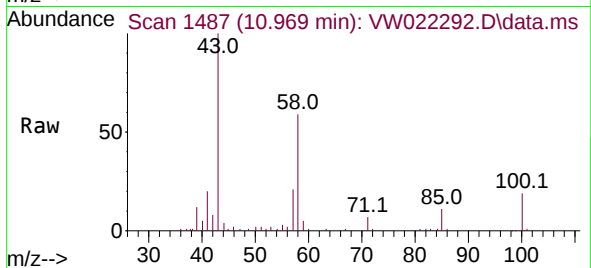
Ion	Ratio	Lower	Upper
164	100		
129	80.8	60.3	111.9
131	79.2	59.9	111.3
166	106.1	77.0	143.0



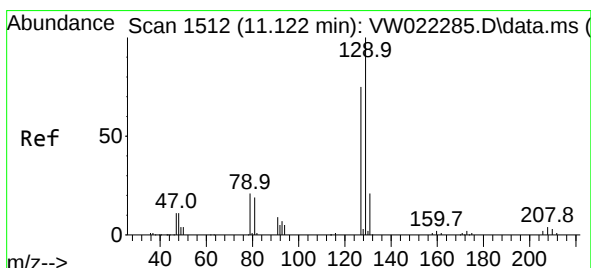
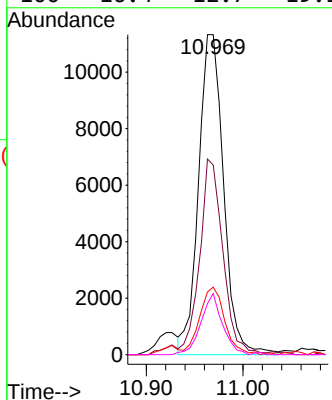
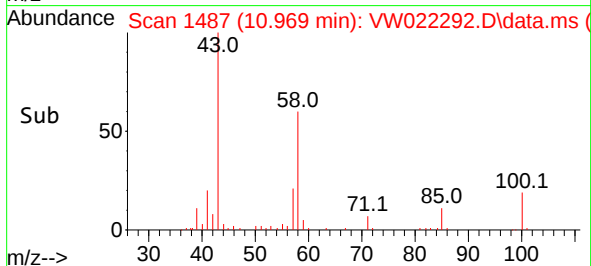


#48
2-Hexanone
Concen: 39.909 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

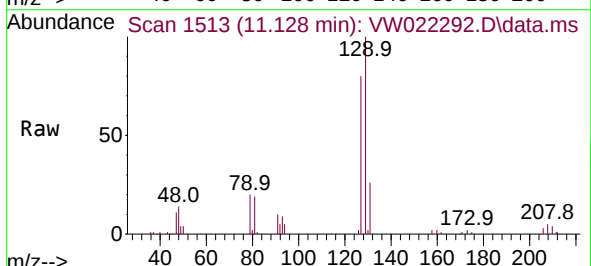
Instrument :
MSVOA_W
ClientSampleId :



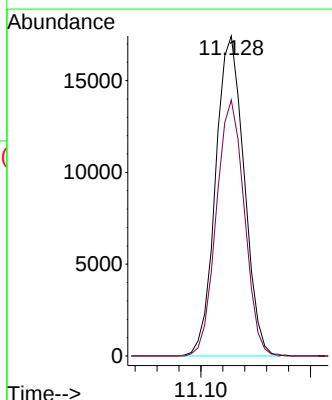
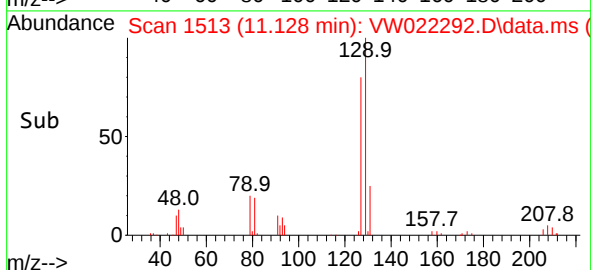
Tgt Ion:	43	Resp:	20430
Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.6	66.8
57	20.9	15.8	23.8
100	16.4	12.7	19.1

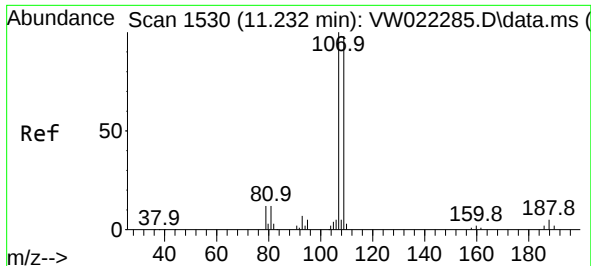


#49
Dibromochloromethane
Concen: 21.399 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05



Tgt Ion:	129	Resp:	31480
Ion	Ratio	Lower	Upper
129	100		
127	80.0	54.5	101.1





#50

1,2-Dibromoethane

Concen: 19.242 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

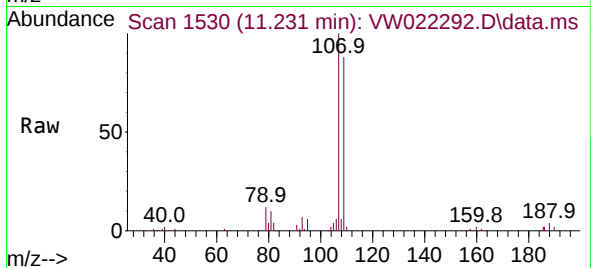
Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :



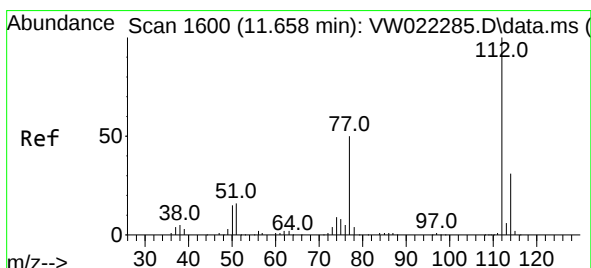
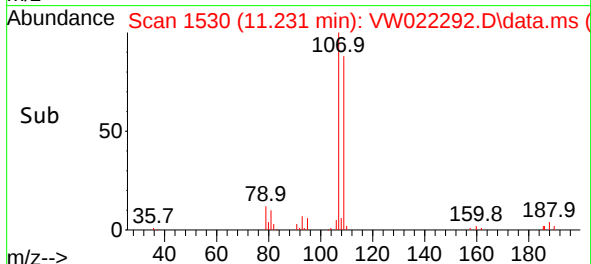
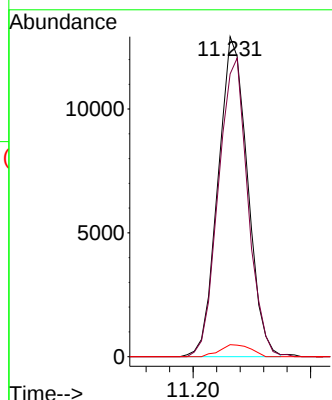
Tgt Ion:107 Resp: 22478

Ion Ratio Lower Upper

107 100

109 88.3 66.8 124.2

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 20.913 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

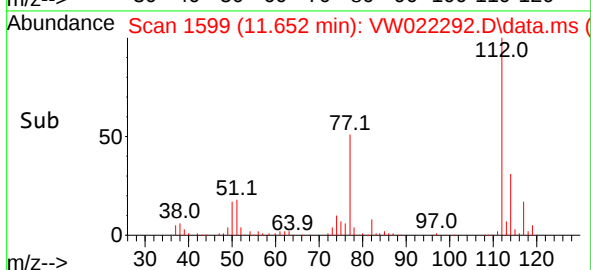
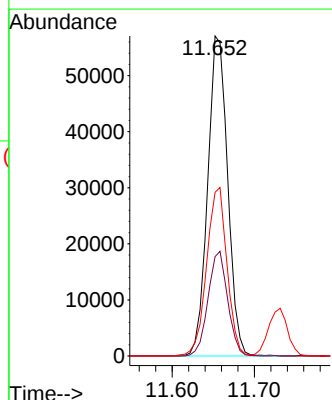
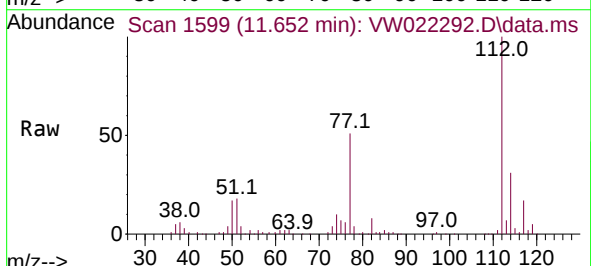
Tgt Ion:112 Resp: 96436

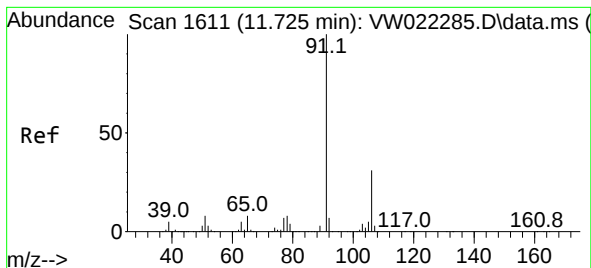
Ion Ratio Lower Upper

112 100

114 31.0 23.0 42.8

77 51.2 41.8 62.6





#52

Ethylbenzene

Concen: 20.929 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

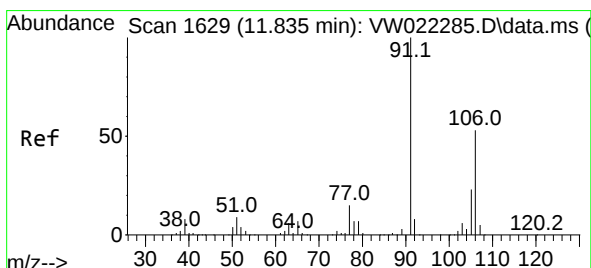
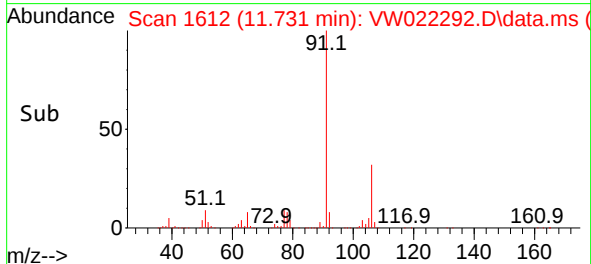
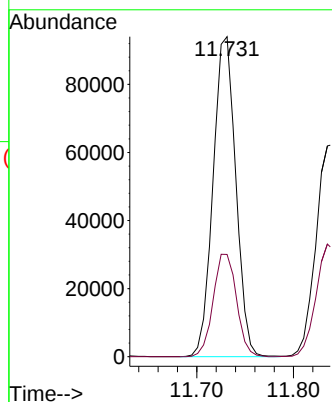
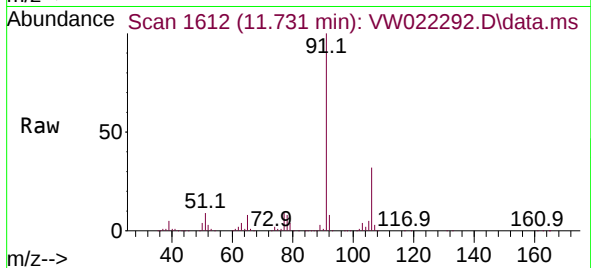
ClientSampleId :

Tgt Ion: 91 Resp: 153479

Ion Ratio Lower Upper

91 100

106 32.0 22.8 42.4



#53

m,p-Xylene

Concen: 20.718 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022292.D

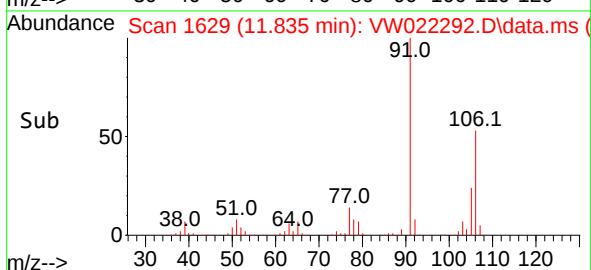
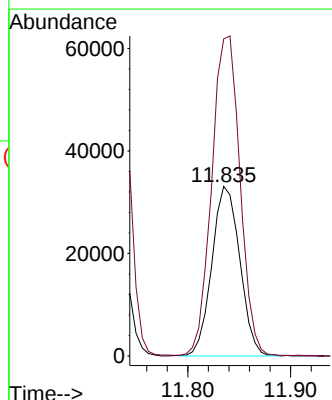
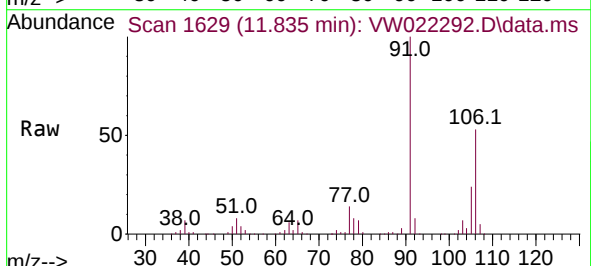
Acq: 11 Mar 2022 12:05

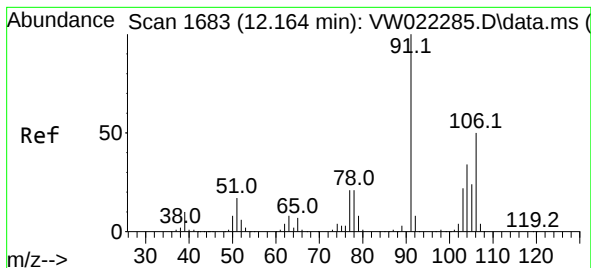
Tgt Ion:106 Resp: 62514

Ion Ratio Lower Upper

106 100

91 187.1 135.0 250.8





#54

o-Xylene

Concen: 21.652 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

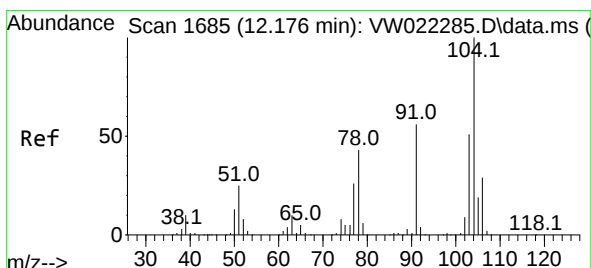
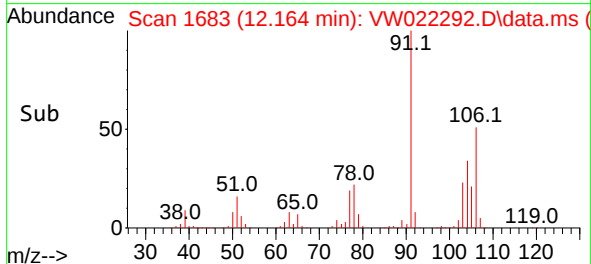
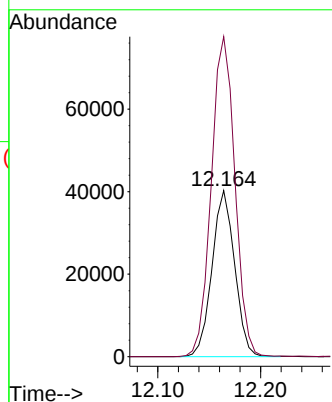
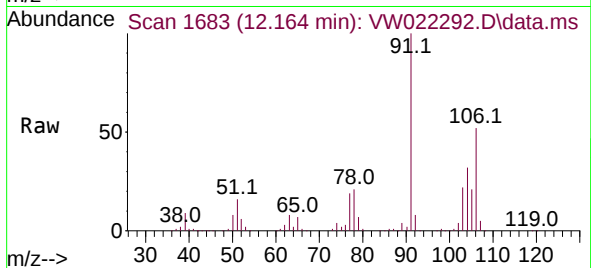
ClientSampleId :

Tgt Ion:106 Resp: 61473

Ion Ratio Lower Upper

106 100

91 192.6 136.9 254.3



#55

Styrene

Concen: 21.684 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022292.D

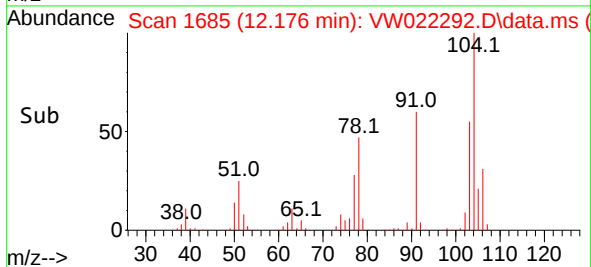
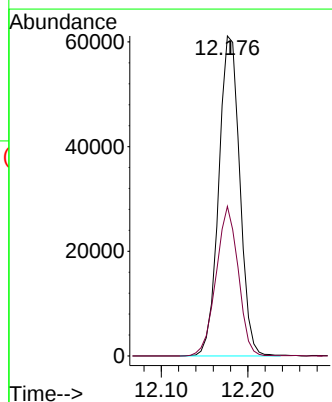
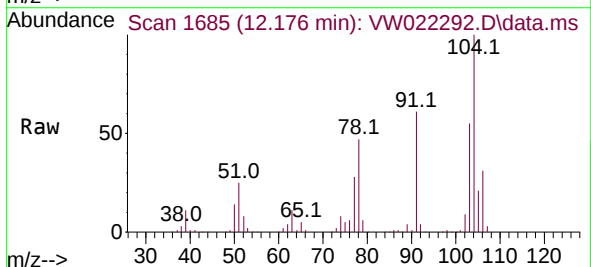
Acq: 11 Mar 2022 12:05

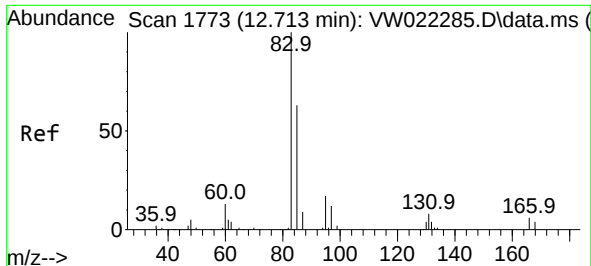
Tgt Ion:104 Resp: 103210

Ion Ratio Lower Upper

104 100

78 46.7 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 20.993 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022292.D

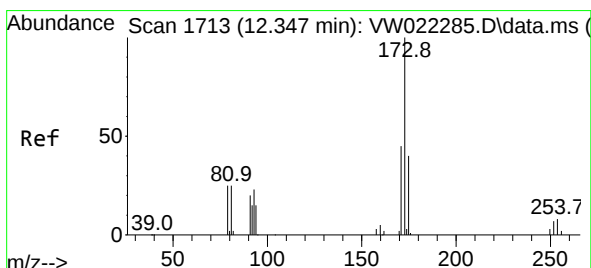
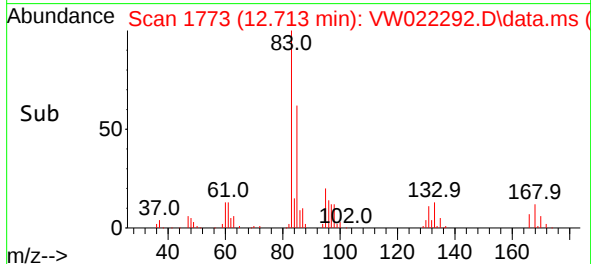
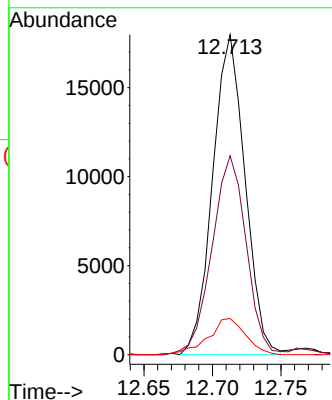
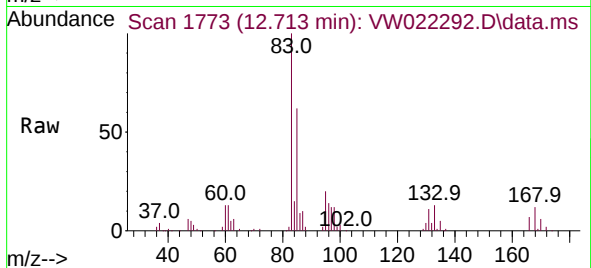
Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	29500
Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.2	82.0
131	11.3	9.4	14.0



#59

Bromoform

Concen: 20.579 ug/L

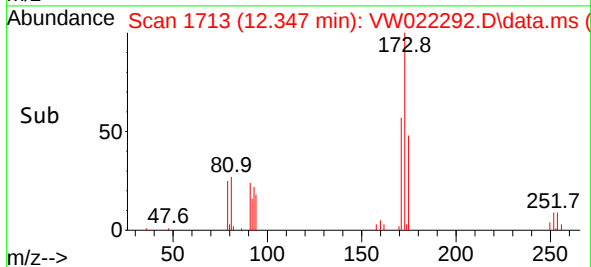
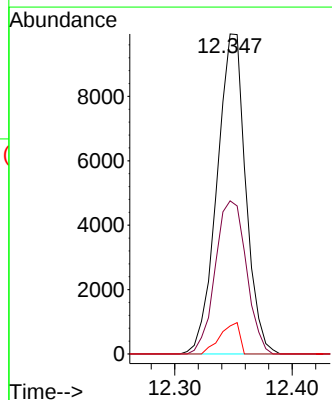
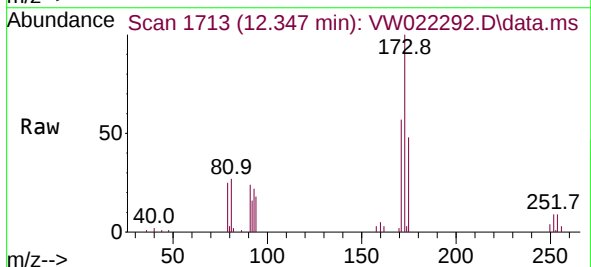
RT: 12.347 min Scan# 1713

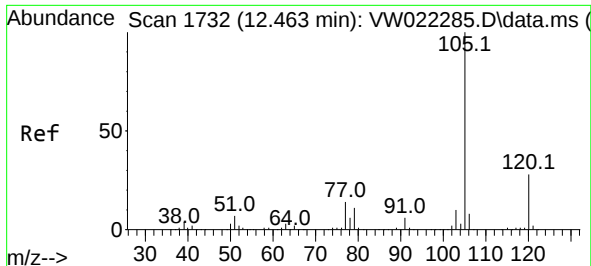
Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Tgt Ion:	173	Resp:	16905
Ion	Ratio	Lower	Upper
173	100		
175	51.7	38.2	57.4
254	6.7	5.0	7.6

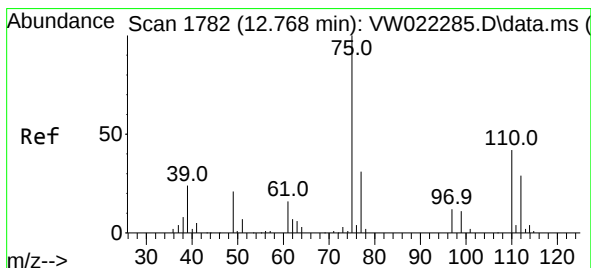
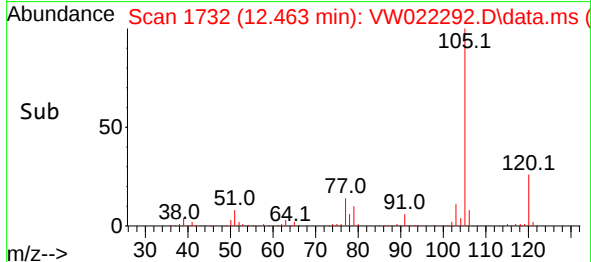
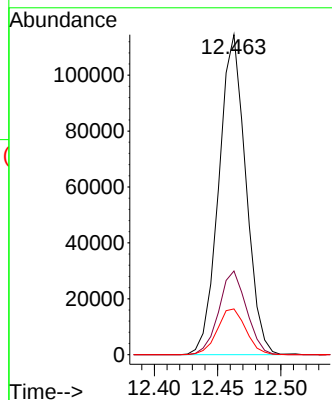
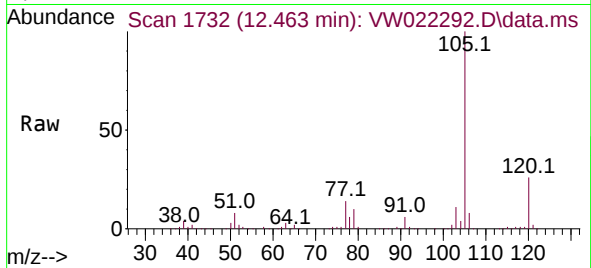




#60
Isopropylbenzene
Concen: 22.756 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

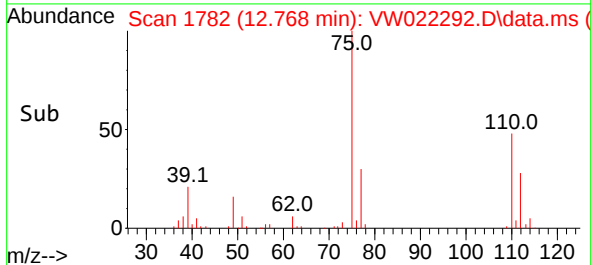
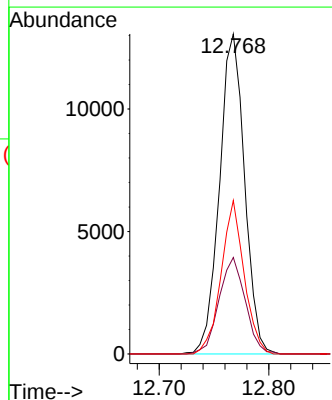
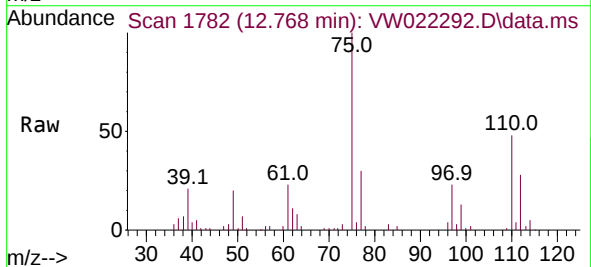
Instrument :
MSVOA_W
ClientSampleId :

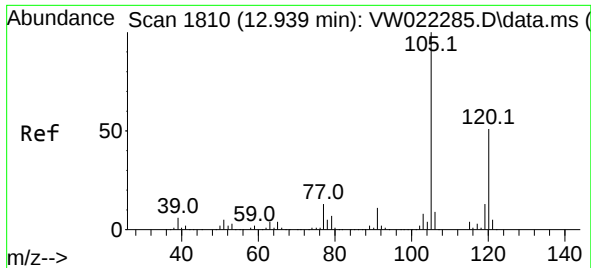
Tgt Ion:105 Resp: 169688
Ion Ratio Lower Upper
105 100
120 26.8 22.1 33.1
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 21.190 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion: 75 Resp: 20775
Ion Ratio Lower Upper
75 100
77 31.5 27.1 40.7
110 44.0 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 23.094 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

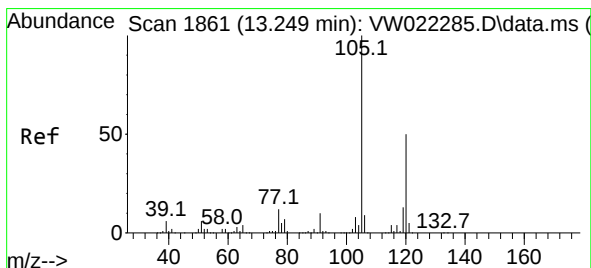
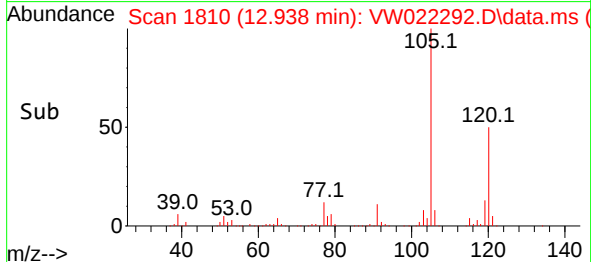
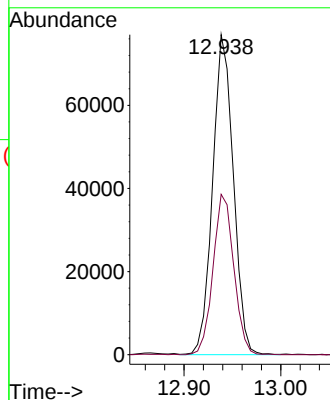
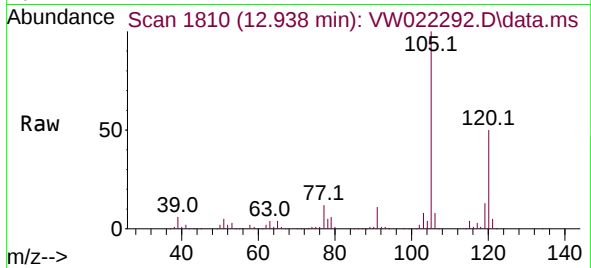
ClientSampleId :

Tgt Ion:105 Resp: 114512

Ion Ratio Lower Upper

105 100

120 50.3 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 23.059 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022292.D

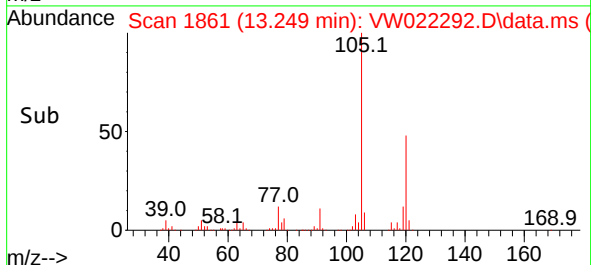
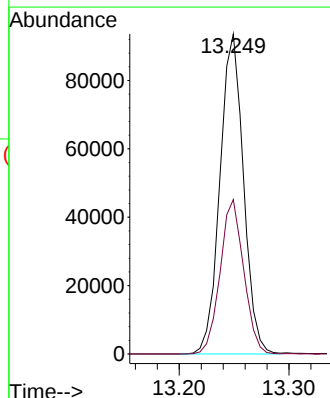
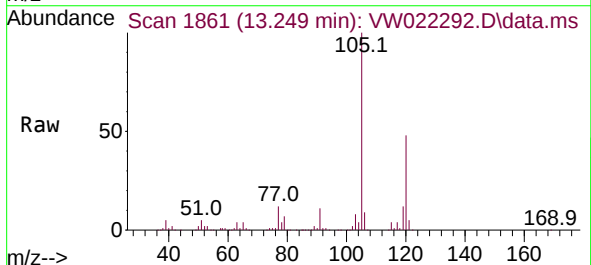
Acq: 11 Mar 2022 12:05

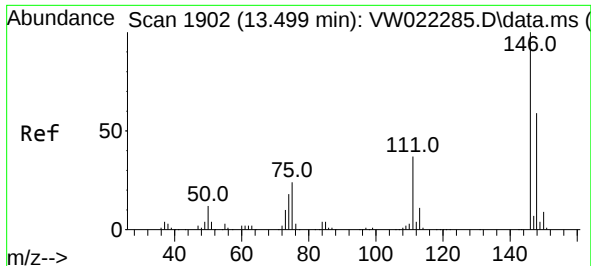
Tgt Ion:105 Resp: 139735

Ion Ratio Lower Upper

105 100

120 48.2 39.2 58.8

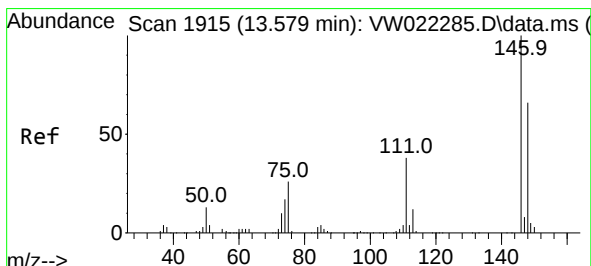
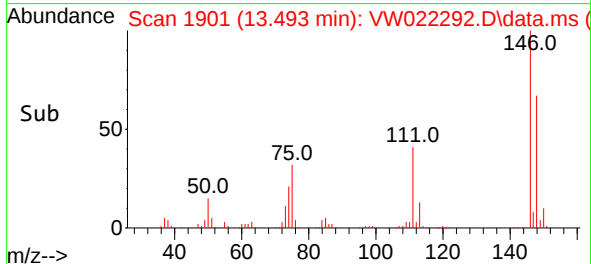
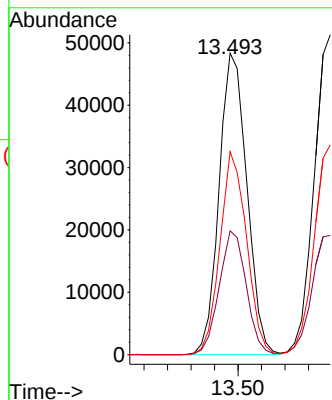
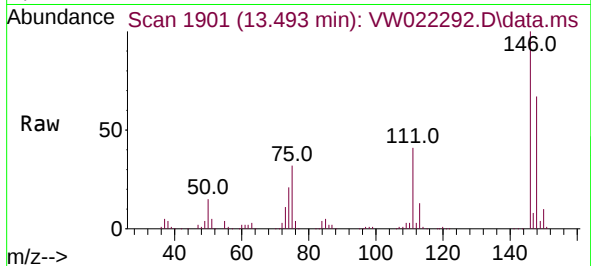




#64
1,3-Dichlorobenzene
Concen: 21.516 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

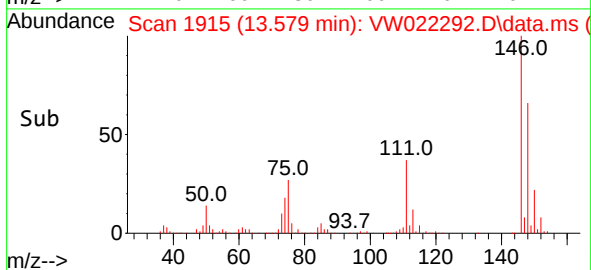
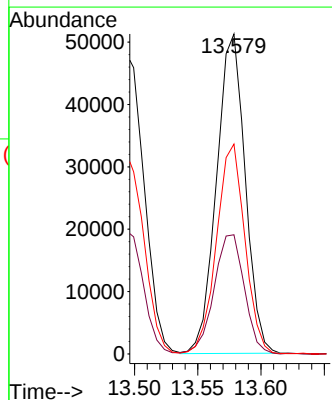
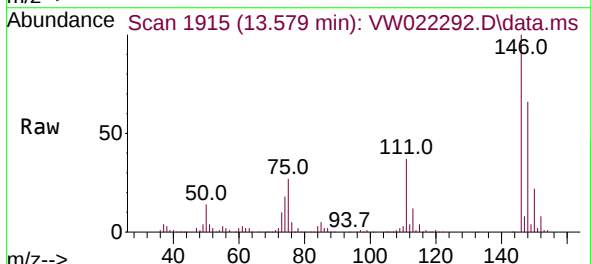
Instrument :
MSVOA_W
ClientSampleId :

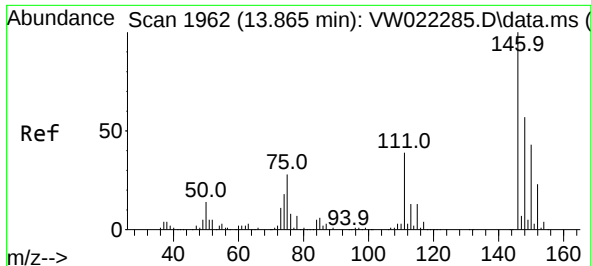
Tgt Ion:146 Resp: 79590
Ion Ratio Lower Upper
146 100
111 41.1 26.9 49.9
148 67.4 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 21.753 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022292.D
Acq: 11 Mar 2022 12:05

Tgt Ion:146 Resp: 80636
Ion Ratio Lower Upper
146 100
111 37.3 27.5 51.1
148 65.6 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 22.186 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

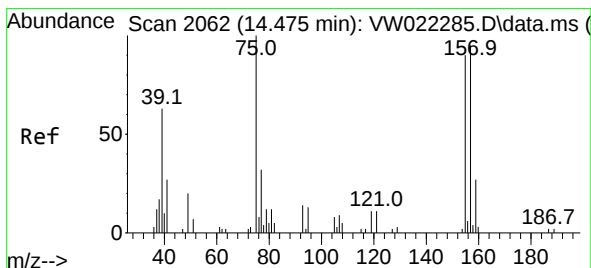
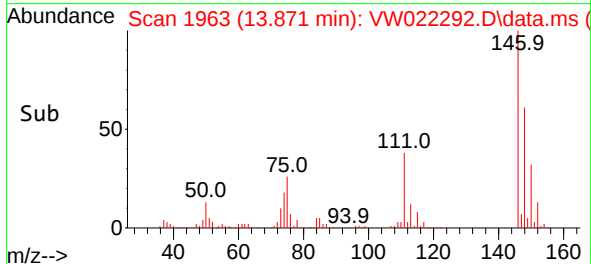
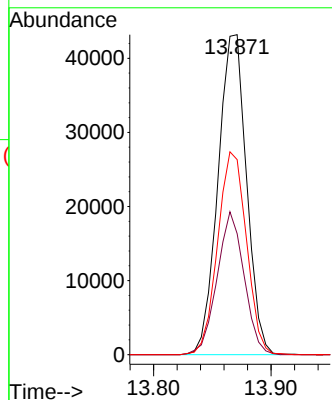
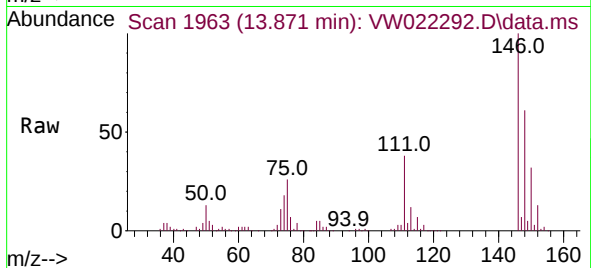
Tgt Ion:146 Resp: 72965

Ion Ratio Lower Upper

146 100

111 37.8 34.8 52.2

148 60.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.512 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

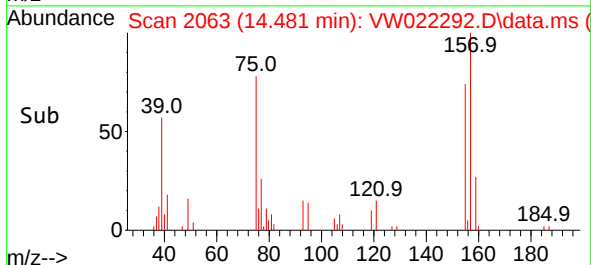
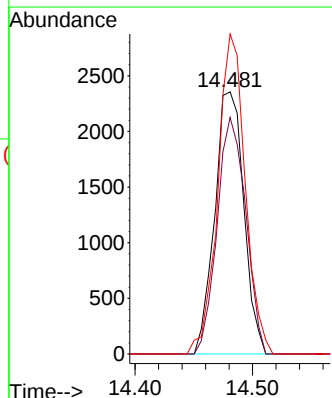
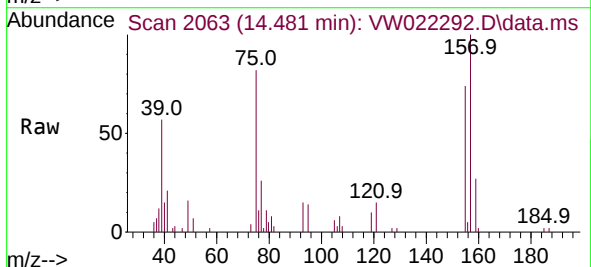
Tgt Ion: 75 Resp: 4044

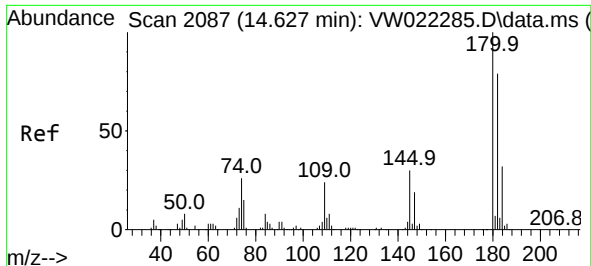
Ion Ratio Lower Upper

75 100

155 90.2 58.2 87.2#

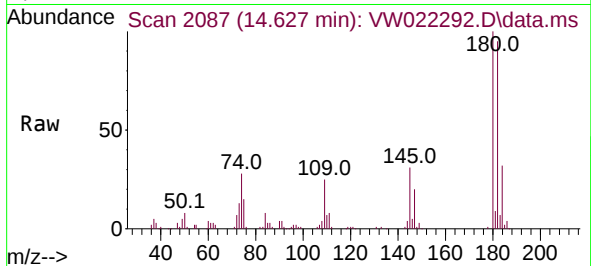
157 122.1 80.5 120.7#



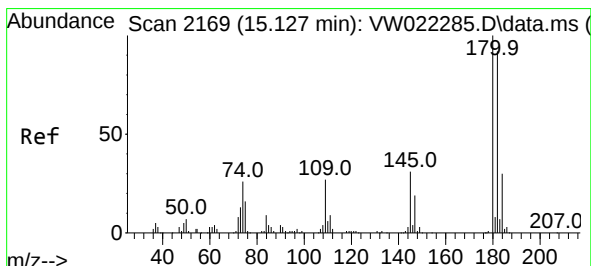
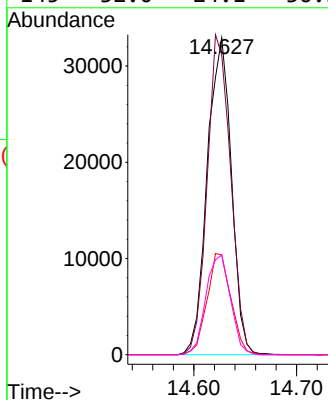
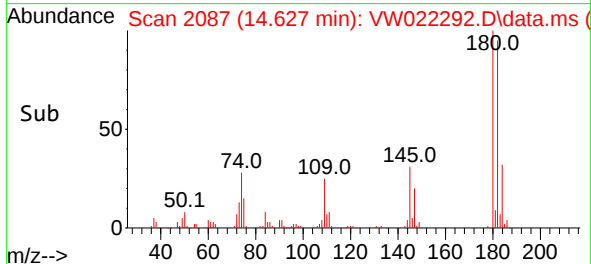


#69
 1,3,5-Trichlorobenzene
 Concen: 20.238 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05

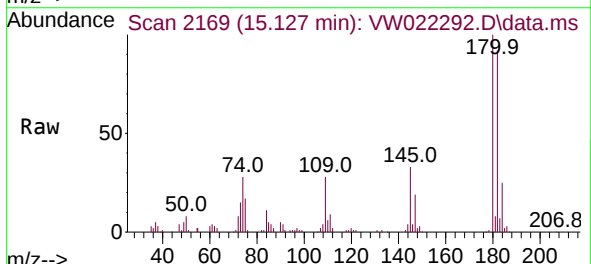
Instrument :
 MSVOA_W
 ClientSampleId :



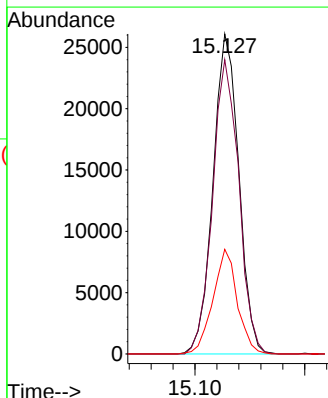
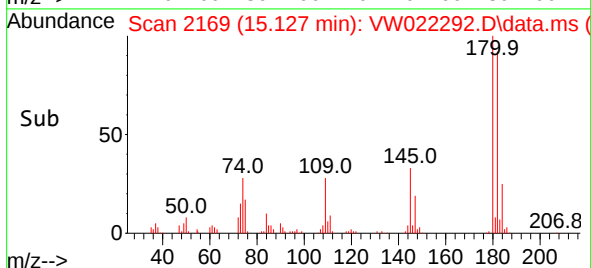
Tgt Ion:180 Resp: 53733
 Ion Ratio Lower Upper
 180 100
 182 98.0 69.4 104.0
 184 31.8 21.8 32.8
 145 32.0 24.1 36.1

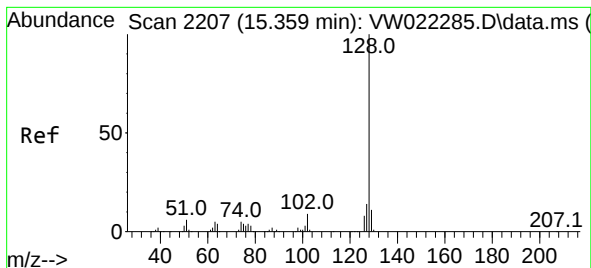


#70
 1,2,4-trichlorobenzene
 Concen: 21.228 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022292.D
 Acq: 11 Mar 2022 12:05



Tgt Ion:180 Resp: 42645
 Ion Ratio Lower Upper
 180 100
 182 93.5 77.8 116.6
 145 30.9 25.8 38.6





#71

Naphthalene

Concen: 19.991 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022292.D

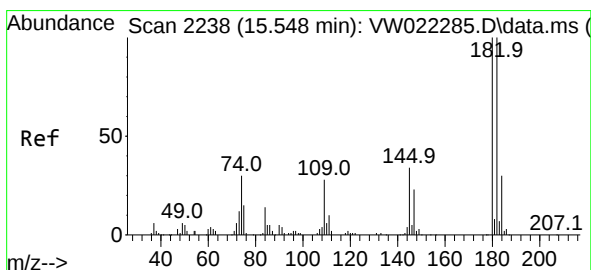
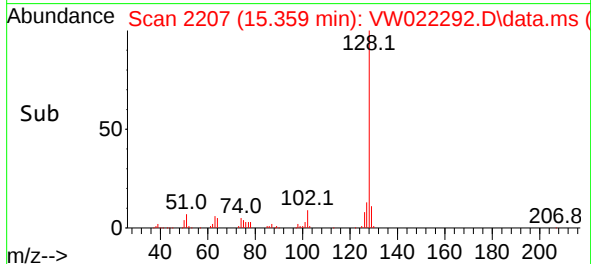
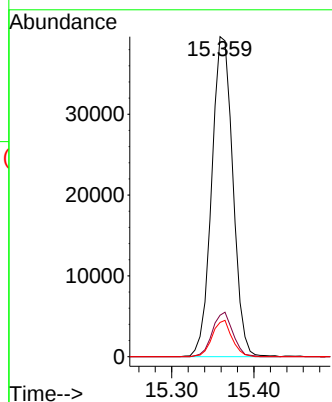
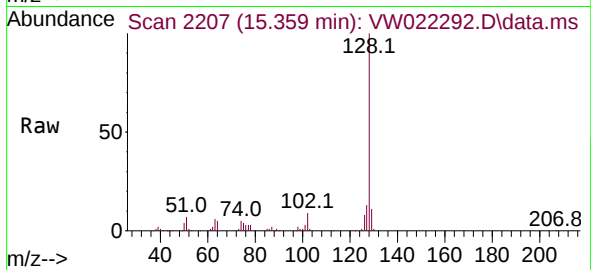
Acq: 11 Mar 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	70894
Ion Ratio	Lower	Upper
128	100	
127	13.5	11.0 16.6
129	10.6	8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 21.201 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022292.D

Acq: 11 Mar 2022 12:05

Tgt Ion:180	Resp:	36838
Ion Ratio	Lower	Upper
180	100	
182	95.8	79.0 118.4
145	31.8	28.0 42.0

