

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031022\
 Data File : VW022264.D
 Acq On : 10 Mar 2022 08:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 03:03:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 10 04:11:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149785	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	139389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80913	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	50154	25.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.680%	
7) Chloroethane-d5	2.879	69	33746	21.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 87.800%	
11) 1,1-Dichloroethene-d2	4.019	63	72011	24.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.280%	
21) 2-Butanone-d5	7.080	46	14263	43.421	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.840%	
24) Chloroform-d	7.647	84	90187	26.987	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.960%	
26) 1,2-Dichloroethane-d4	8.299	65	41521	23.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 95.600%	
32) Benzene-d6	8.275	84	167633	25.841	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.360%	
36) 1,2-Dichloropropane-d6	9.268	67	46103	25.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.360%	
41) Toluene-d8	10.323	98	164546	25.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.040%	
43) trans-1,3-Dichloroprop...	10.573	79	19868	24.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.480%	
47) 2-Hexanone-d5	10.921	63	12101	40.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 81.680%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37614	23.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 95.160%	
66) 1,2-Dichlorobenzene-d4	13.847	152	61155	23.532	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	7743	18.497	ug/L	90
3) Chloromethane	2.215	50	35904	25.030	ug/L	97
5) Vinyl chloride	2.361	62	53925	25.020	ug/L	97
6) Bromomethane	2.776	94	32814	21.800	ug/L	90
8) Chloroethane	2.916	64	27307	22.554	ug/L	96
9) Trichlorofluoromethane	3.257	101	46794	31.978	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	46322	25.947	ug/L	98
12) 1,1-Dichloroethene	4.038	96	37709	24.371	ug/L	97
13) Acetone	4.129	43	13816	51.497	ug/L	70
14) Carbon disulfide	4.379	76	73498	18.322	ug/L	99
15) Methyl Acetate	4.678	43	12426	20.573	ug/L	99
16) Methylene chloride	4.909	84	41132	22.372	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	40417	23.782	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	57533	24.883	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	74879	27.216	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	48770	26.491	ug/L	93
22) 2-Butanone	7.171	43	19382	50.292	ug/L	96
23) Bromochloromethane	7.513	128	21910	24.363	ug/L	89
25) Chloroform	7.677	83	88427	27.545	ug/L	98

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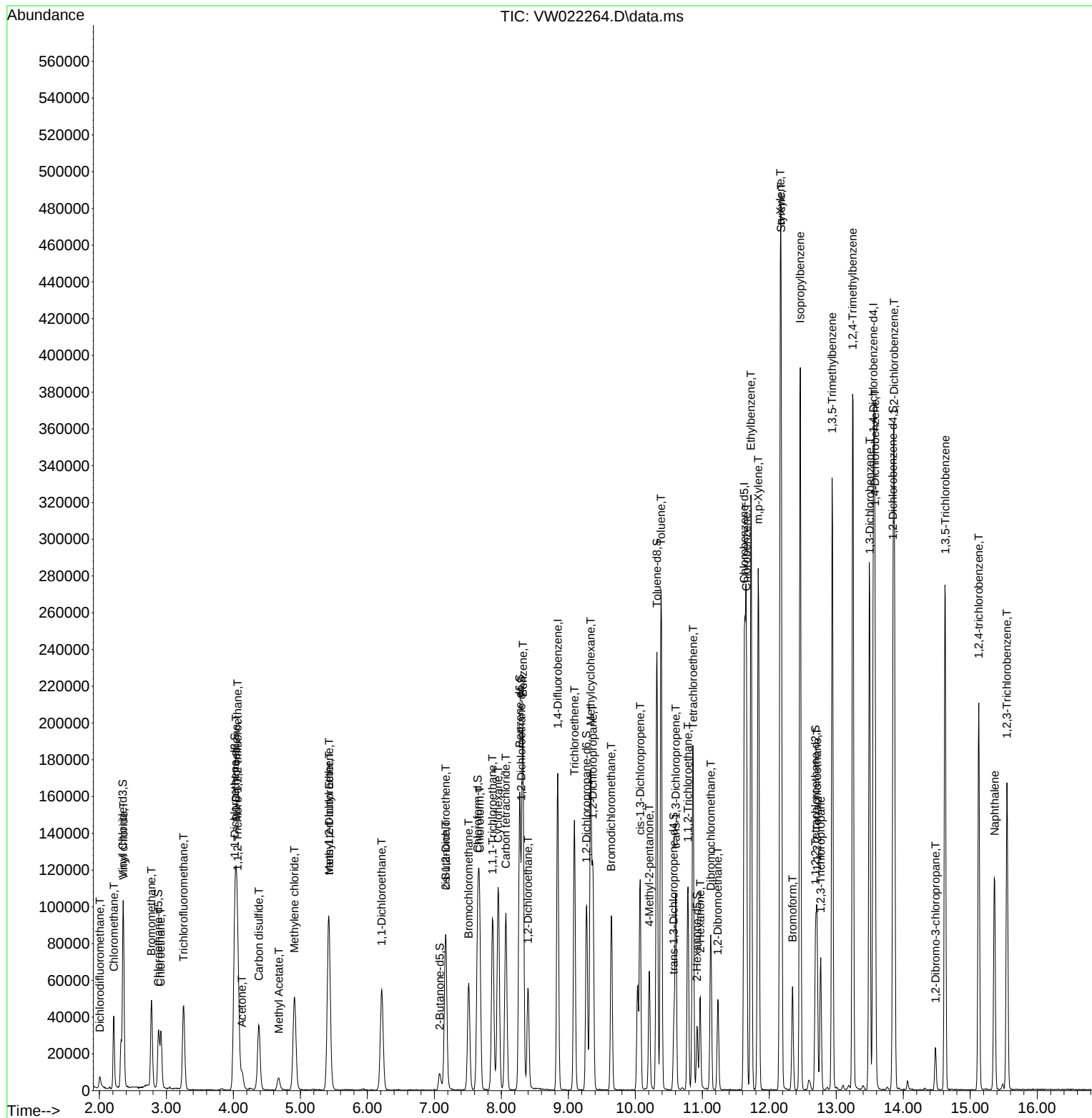
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	49371	24.969	ug/L	98
29) Cyclohexane	7.952	56	56008	24.144	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	76439	27.257	ug/L	99
31) Carbon tetrachloride	8.067	117	71533	26.839	ug/L	99
33) Benzene	8.323	78	175778	26.083	ug/L	100
34) Trichloroethene	9.092	95	49764	25.790	ug/L	93
35) Methylcyclohexane	9.335	83	74242	24.875	ug/L	98
37) 1,2-Dichloropropane	9.366	63	43454	27.639	ug/L	98
38) Bromodichloromethane	9.640	83	62753	27.833	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	65894	27.573	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	38777	45.672	ug/L	99
42) Toluene	10.384	91	207130	27.156	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	57052	26.566	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	35571	25.515	ug/L	96
46) Tetrachloroethene	10.866	164	42733	25.281	ug/L	98
48) 2-Hexanone	10.969	43	29518	50.092	ug/L	96
49) Dibromochloromethane	11.128	129	45940	27.128	ug/L	97
50) 1,2-Dibromoethane	11.231	107	32680	24.303	ug/L #	93
51) Chlorobenzene	11.658	112	144354	27.194	ug/L	98
52) Ethylbenzene	11.725	91	234976	27.836	ug/L	99
53) m,p-Xylene	11.835	106	96262	27.713	ug/L	96
54) o-Xylene	12.164	106	91025	27.851	ug/L	89
55) Styrene	12.176	104	155752	28.427	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	39683	24.532	ug/L	92
59) Bromoform	12.347	173	24637	23.025	ug/L #	98
60) Isopropylbenzene	12.463	105	257104	26.470	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	27305	21.381	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	178560	27.646	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	214707	27.201	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	122265	25.375	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	119072	24.660	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	108010	25.213	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	5384	19.943	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	85543	24.735	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	67472	25.785	ug/L	97
71) Naphthalene	15.365	128	106031	22.954	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	56212	24.836	ug/L	94

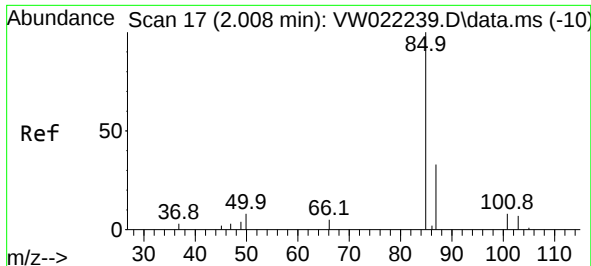
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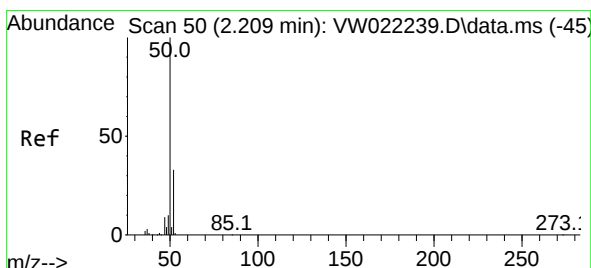
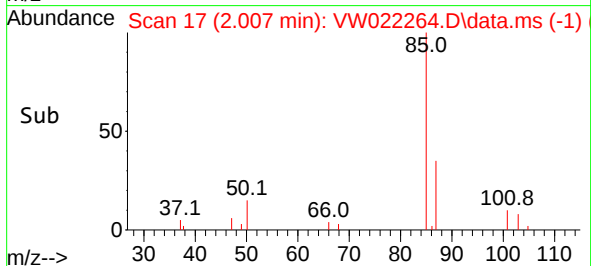
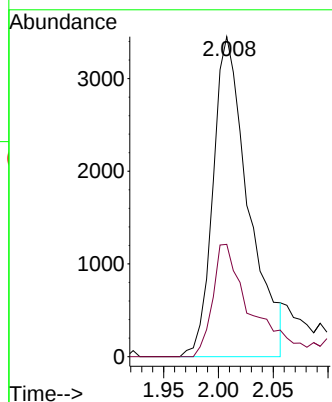
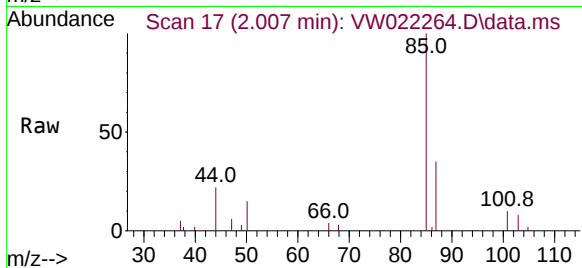




#2
 Dichlorodifluoromethane
 Concen: 18.497 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022264.D
 Acq: 10 Mar 2022 08:59

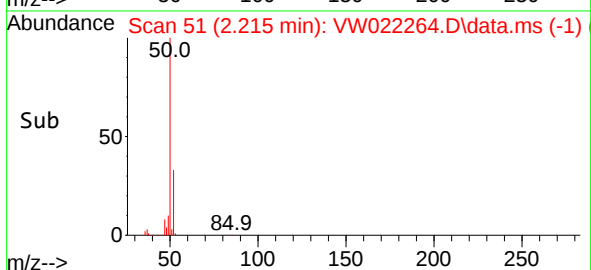
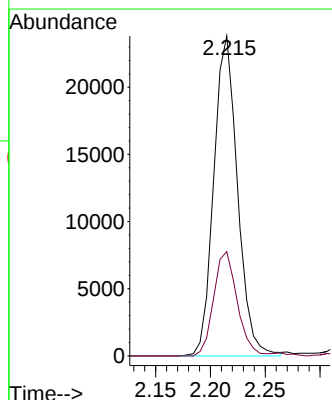
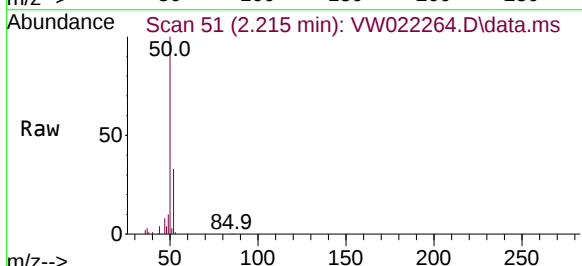
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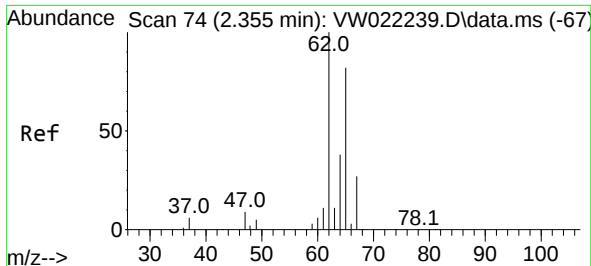
Tgt Ion: 85 Resp: 7743
 Ion Ratio Lower Upper
 85 100
 87 28.8 27.6 41.4



#3
 Chloromethane
 Concen: 25.030 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW022264.D
 Acq: 10 Mar 2022 08:59

Tgt Ion: 50 Resp: 35904
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.9 44.5

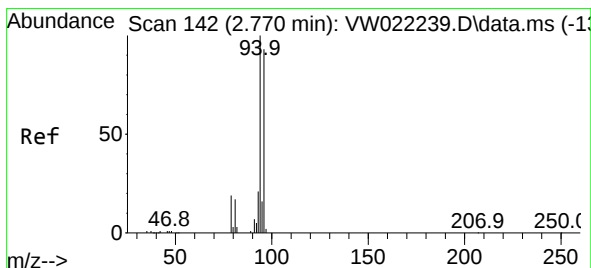
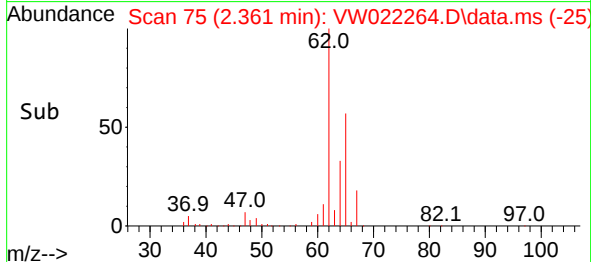
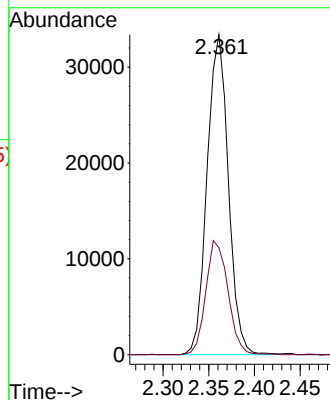
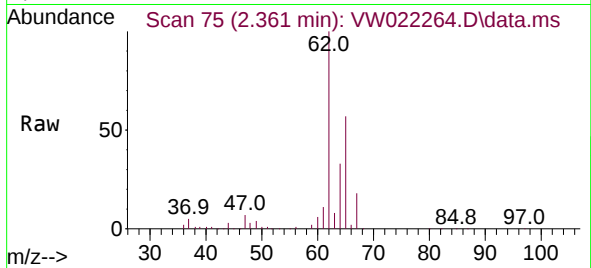




#5
 Vinyl chloride
 Concen: 25.020 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VW022264.D
 Acq: 10 Mar 2022 08:59

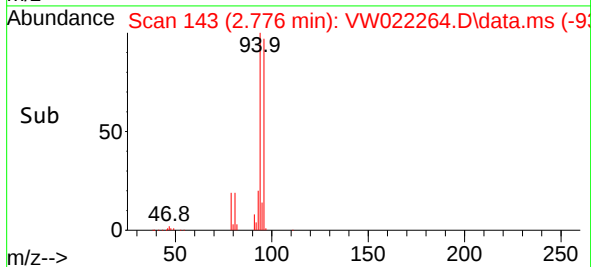
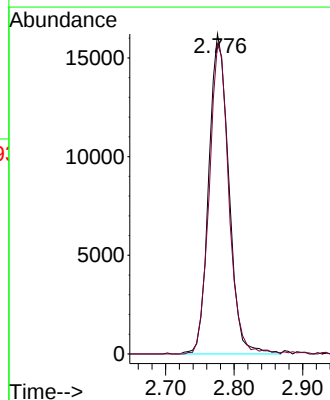
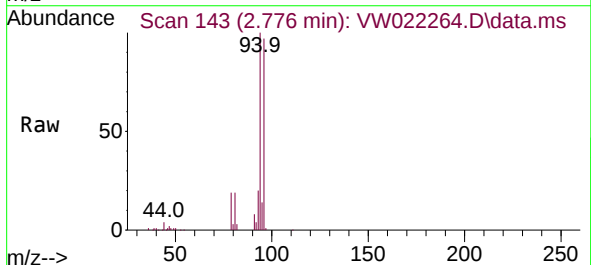
Instrument :
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 ClientSampleId :

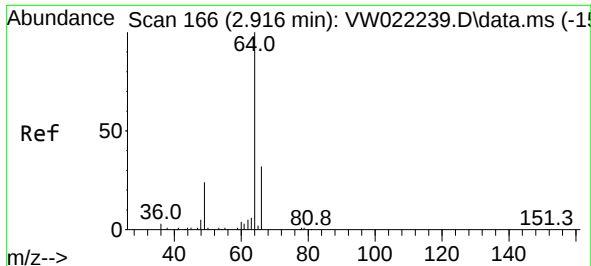
Tgt Ion: 62 Resp: 53925
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.7 45.9



#6
 Bromomethane
 Concen: 21.800 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW022264.D
 Acq: 10 Mar 2022 08:59

Tgt Ion: 94 Resp: 32814
 Ion Ratio Lower Upper
 94 100
 96 96.9 61.2 113.8

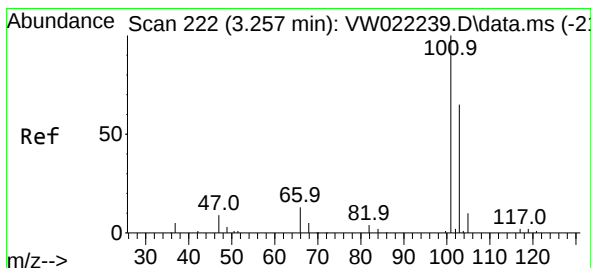
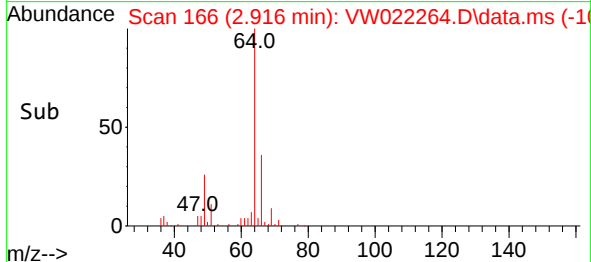
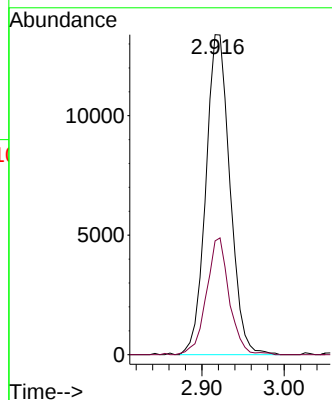
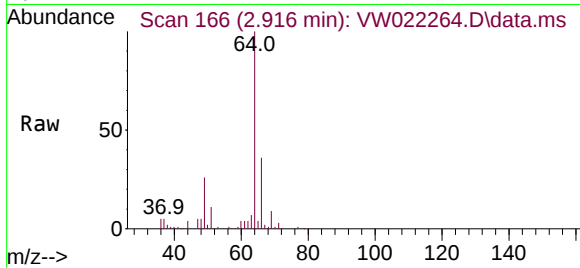




#8
Chloroethane
Concen: 22.554 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

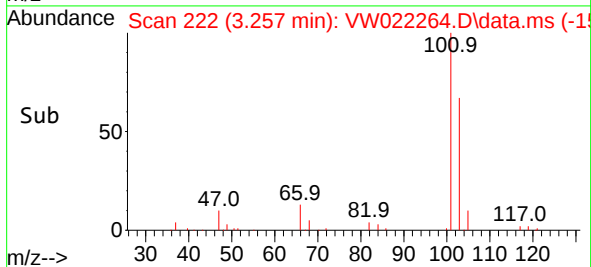
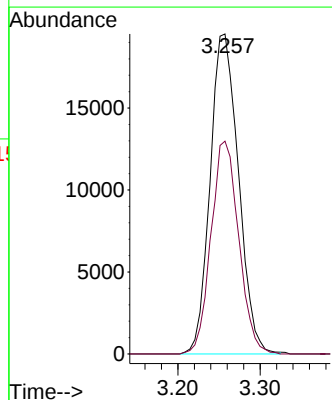
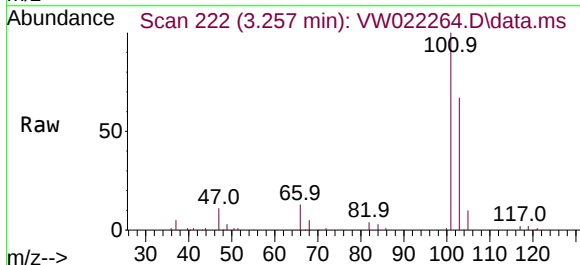
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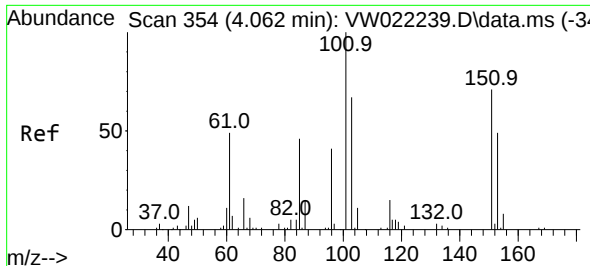
Tgt Ion: 64 Resp: 27307
Ion Ratio Lower Upper
64 100
66 35.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 31.978 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion:101 Resp: 46794
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8

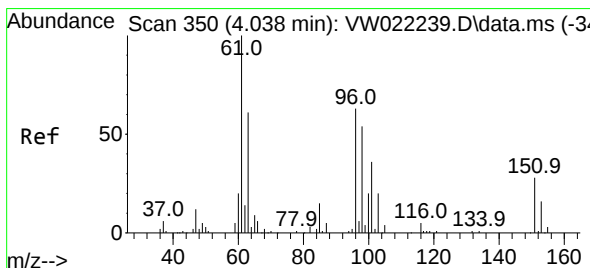
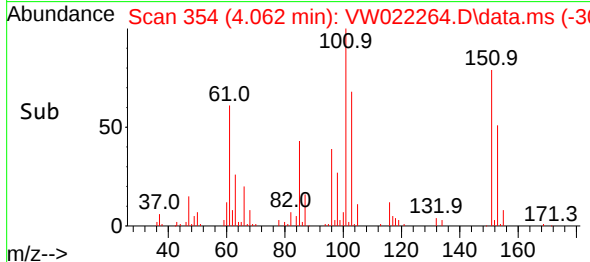
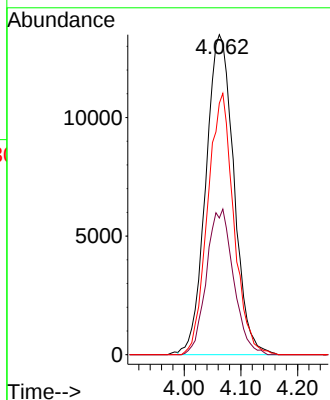
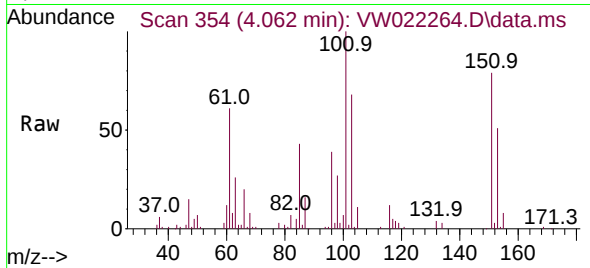




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.947 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW022264.D
 Acq: 10 Mar 2022 08:59

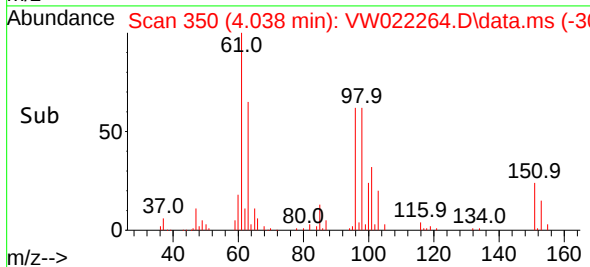
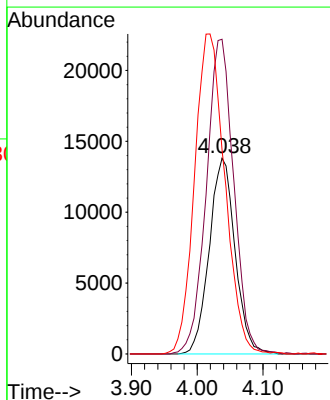
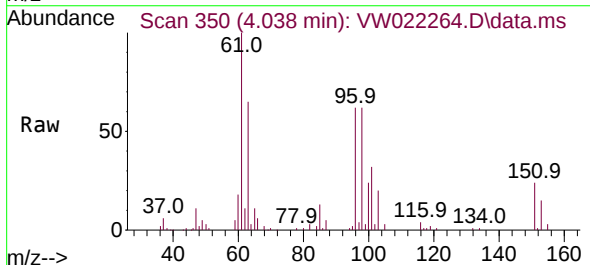
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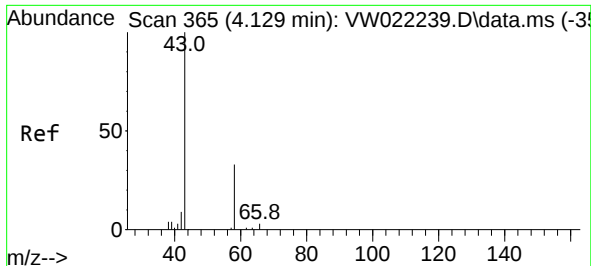
Tgt Ion:101 Resp: 46322
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.4 51.6
 151 76.2 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 24.371 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022264.D
 Acq: 10 Mar 2022 08:59

Tgt Ion: 96 Resp: 37709
 Ion Ratio Lower Upper
 96 100
 61 160.8 108.4 201.2
 63 104.3 72.0 133.6





#13

Acetone

Concen: 51.497 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

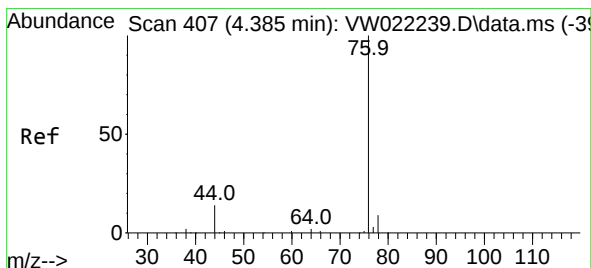
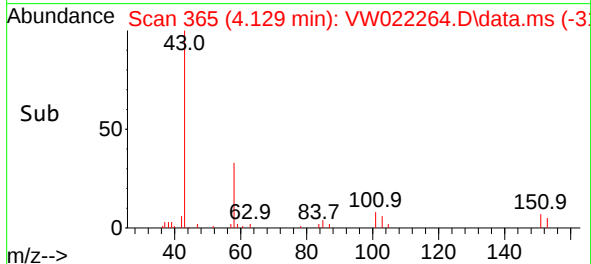
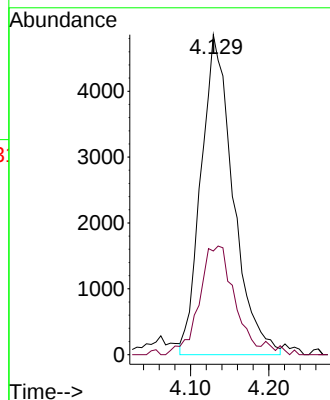
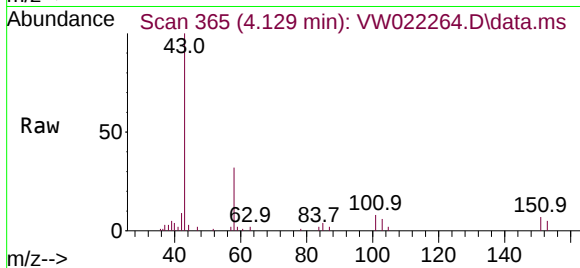
ClientSampleId :

Tgt Ion: 43 Resp: 13816

Ion Ratio Lower Upper

43 100

58 17.2 0.0 69.2



#14

Carbon disulfide

Concen: 18.322 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022264.D

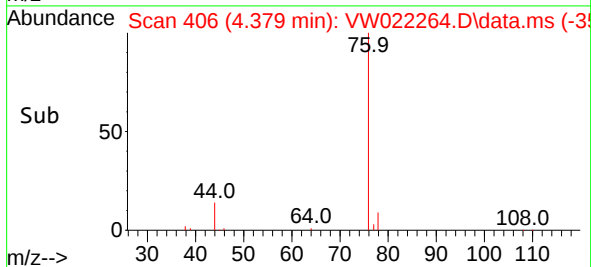
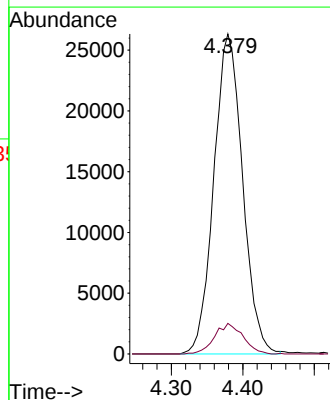
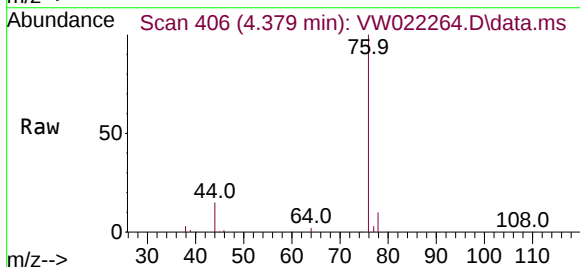
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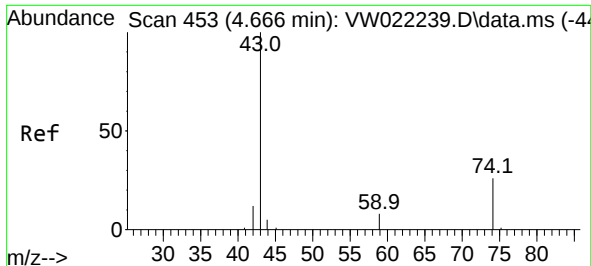
Tgt Ion: 76 Resp: 73498

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.8

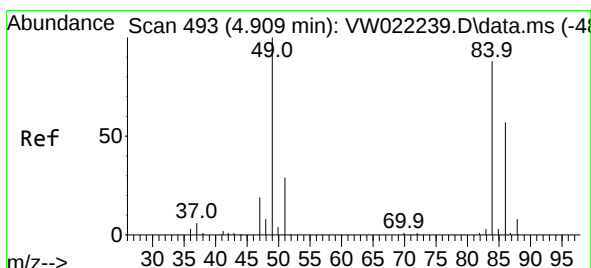
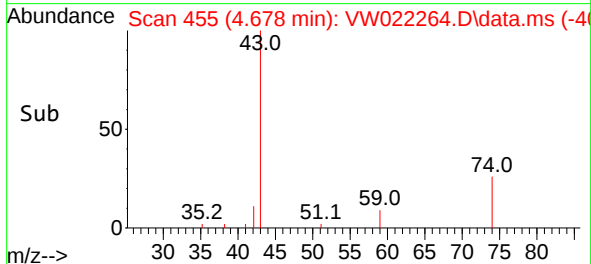
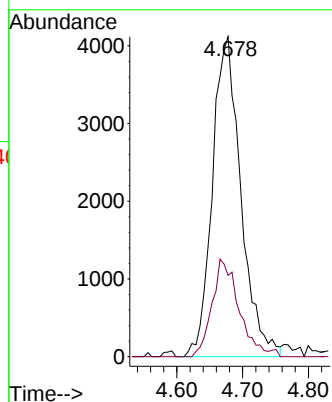
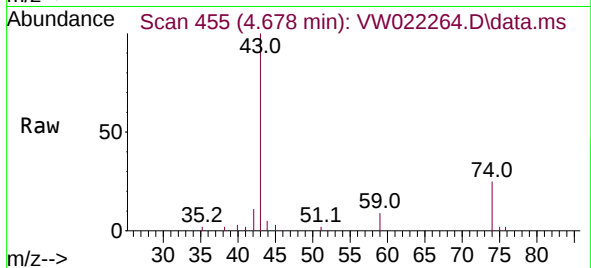




#15
Methyl Acetate
Concen: 20.573 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

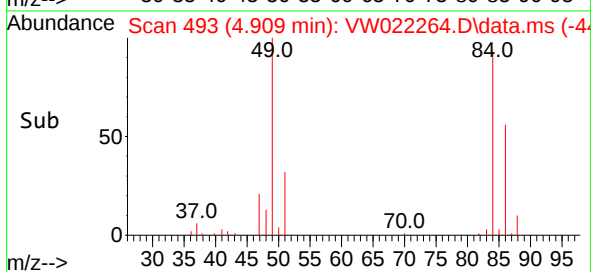
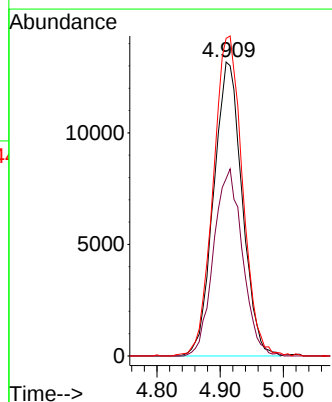
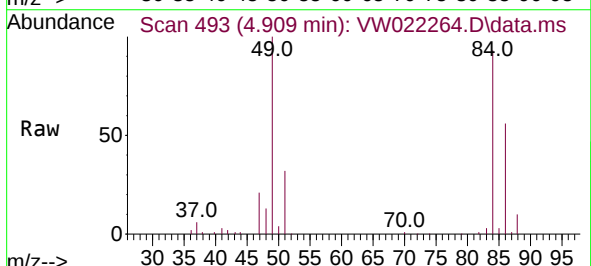
Instrument :
MSVOA_W
ClientSampleId :

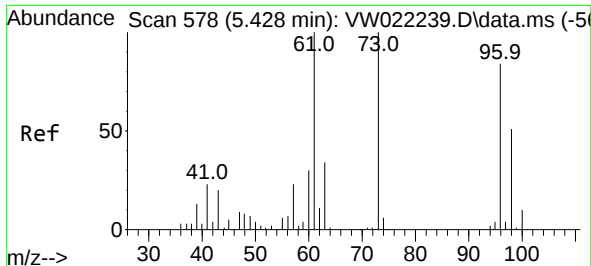
Tgt Ion: 43 Resp: 12426
Ion Ratio Lower Upper
43 100
74 28.5 23.0 34.6



#16
Methylene chloride
Concen: 22.372 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion: 84 Resp: 41132
Ion Ratio Lower Upper
84 100
86 60.3 45.8 85.0
49 108.1 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 23.782 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :

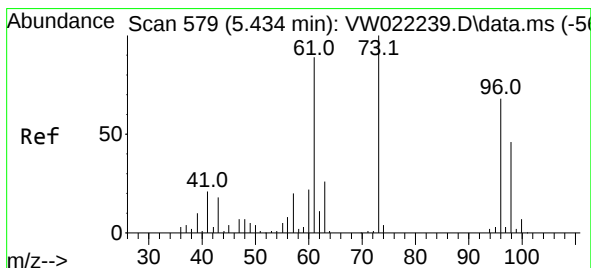
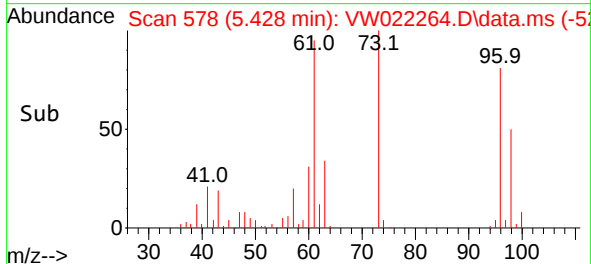
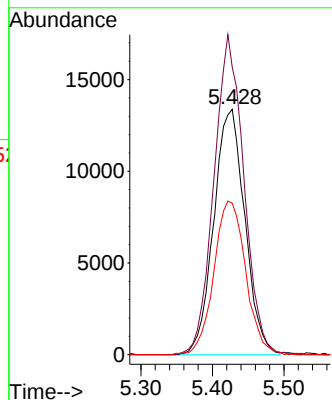
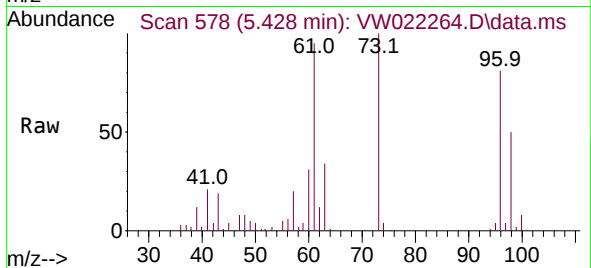
Tgt Ion: 96 Resp: 40417

Ion Ratio Lower Upper

96 100

61 117.3 87.3 162.1

98 61.7 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 24.883 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

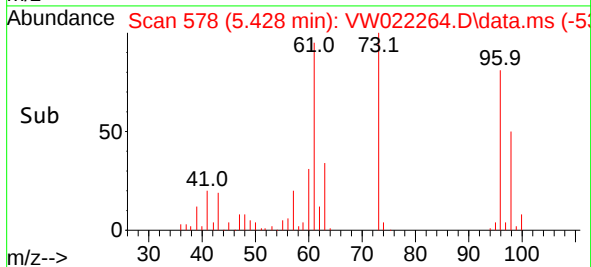
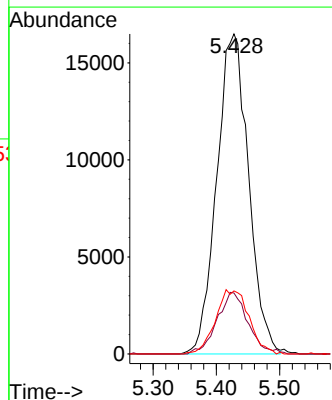
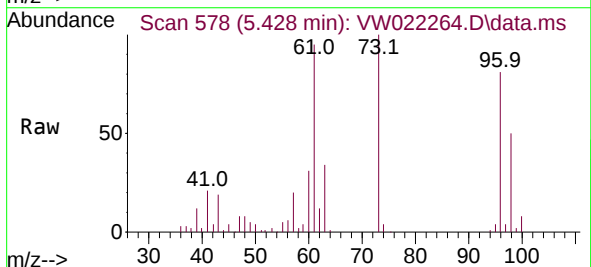
Tgt Ion: 73 Resp: 57533

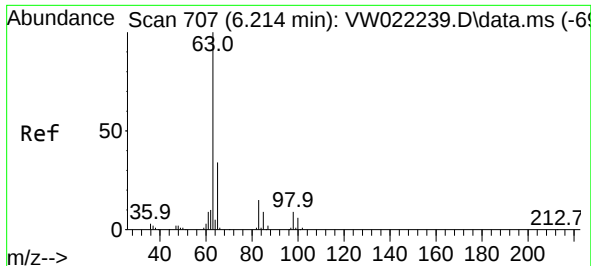
Ion Ratio Lower Upper

73 100

43 18.5 15.4 23.2

57 10.1 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 27.216 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

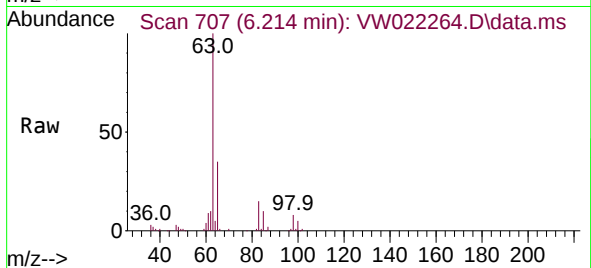
Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :



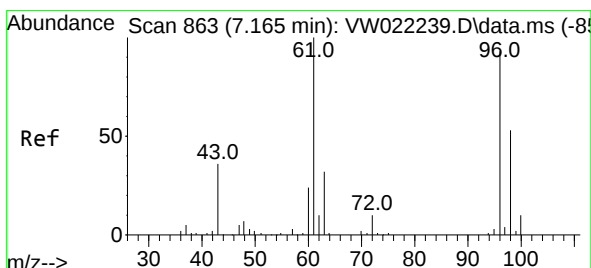
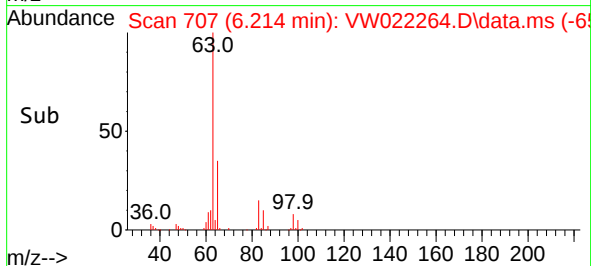
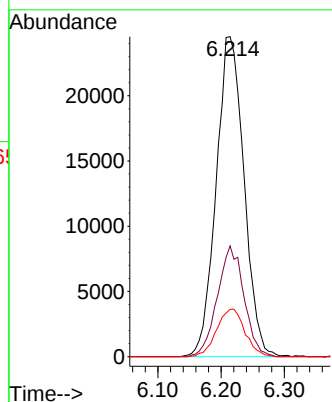
Tgt Ion: 63 Resp: 74879

Ion Ratio Lower Upper

63 100

65 34.6 22.5 41.9

83 14.8 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 26.491 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

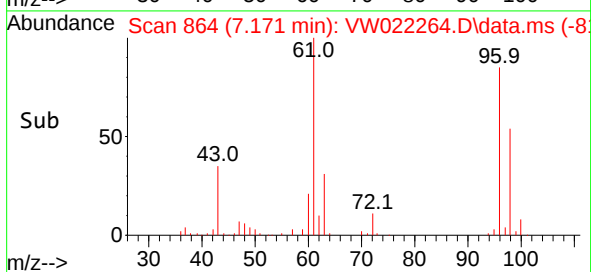
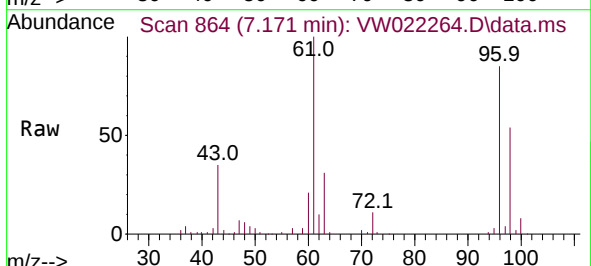
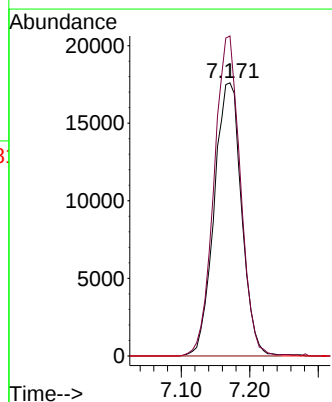
Tgt Ion: 96 Resp: 48770

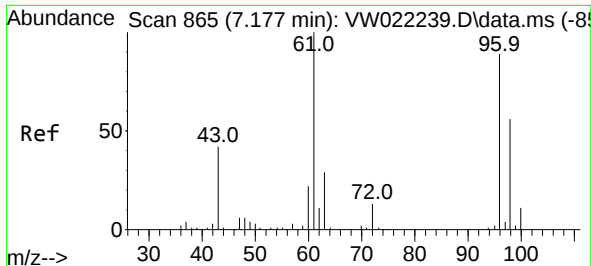
Ion Ratio Lower Upper

96 100

61 117.2 76.8 142.6

68 0.0 0.0 0.0

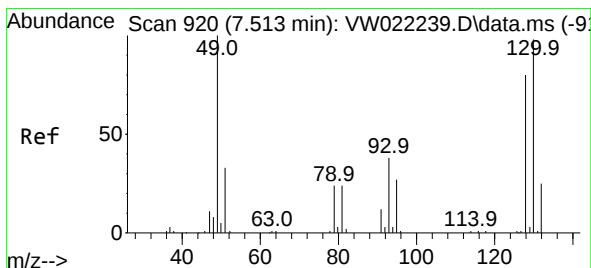
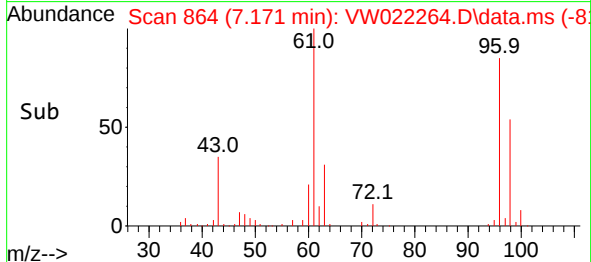
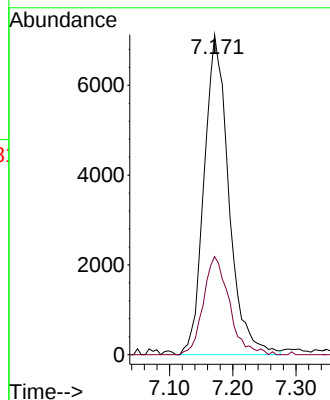
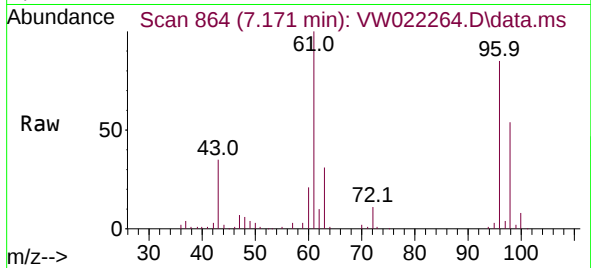




#22
2-Butanone
Concen: 50.292 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

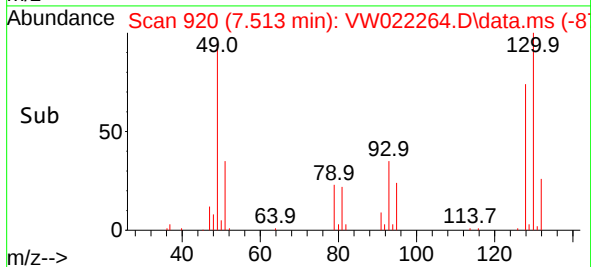
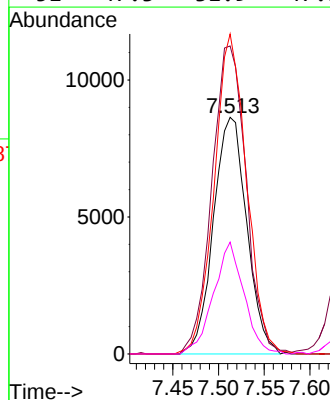
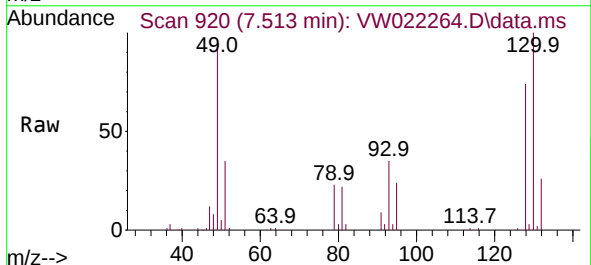
Instrument :
MSVOA_W
ClientSampleId :

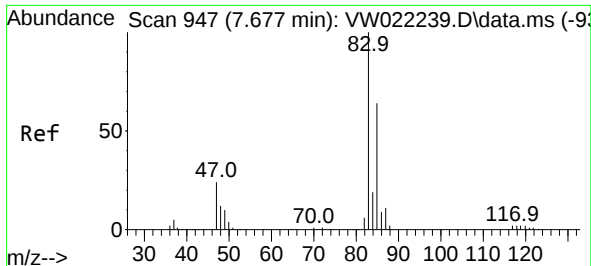
Tgt Ion: 43 Resp: 19382
Ion Ratio Lower Upper
43 100
72 31.7 17.0 51.0



#23
Bromochloromethane
Concen: 24.363 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion: 128 Resp: 21910
Ion Ratio Lower Upper
128 100
49 130.2 84.2 156.4
130 135.2 84.8 157.4
51 47.3 31.9 47.9

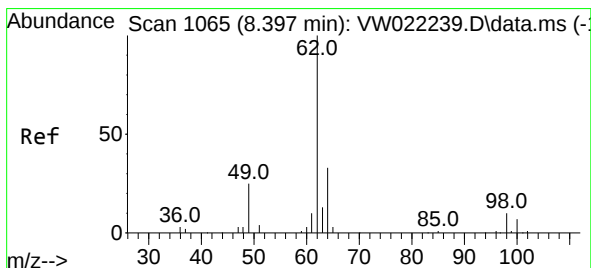
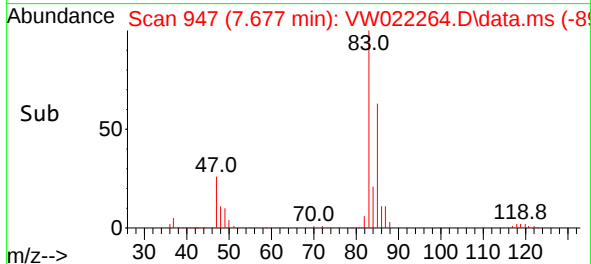
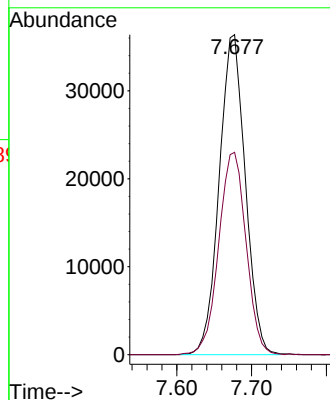
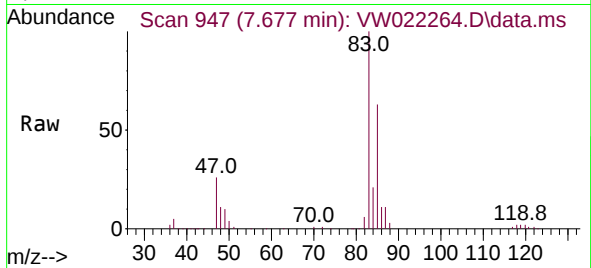




#25
Chloroform
Concen: 27.545 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

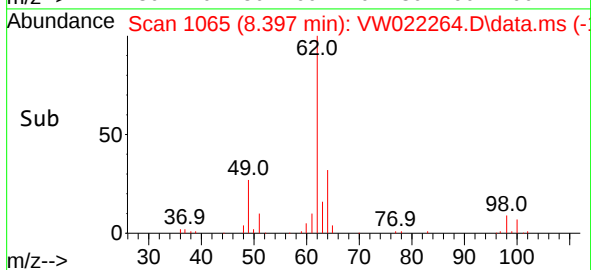
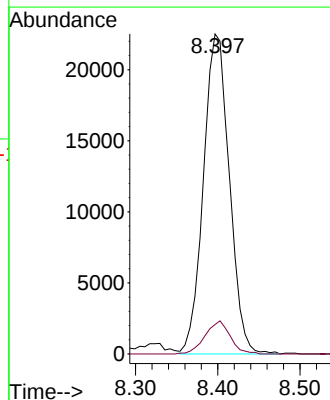
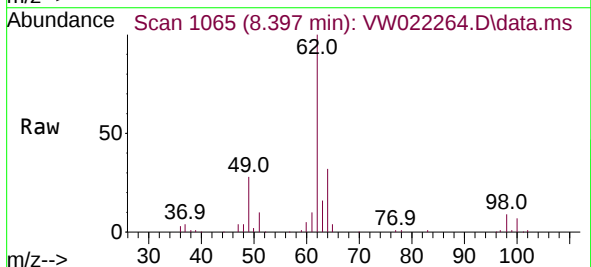
Instrument :
MSVOA_W
ClientSampleId :

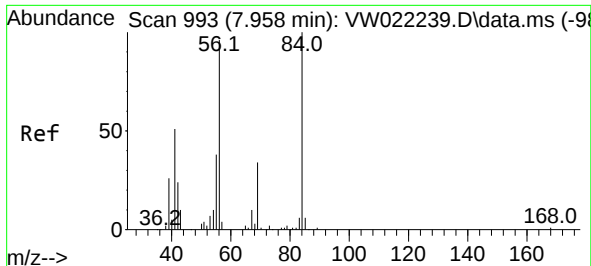
Tgt Ion: 83 Resp: 88427
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.969 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion: 62 Resp: 49371
Ion Ratio Lower Upper
62 100
98 9.2 7.9 11.9





#29

Cyclohexane

Concen: 24.144 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

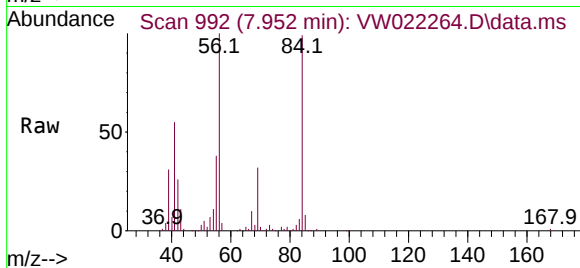
Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :



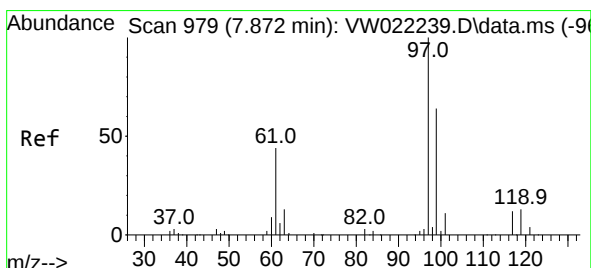
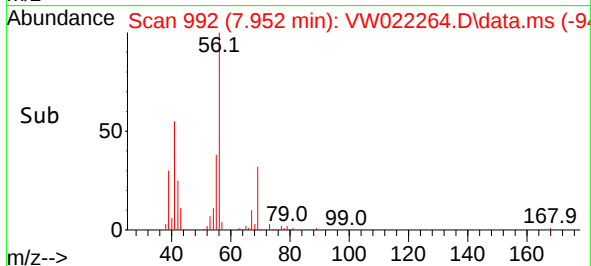
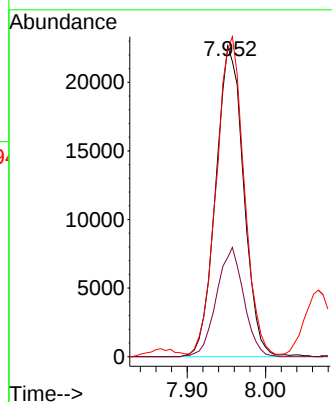
Tgt Ion: 56 Resp: 56008

Ion Ratio Lower Upper

56 100

69 34.3 26.3 39.5

84 103.1 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 27.257 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

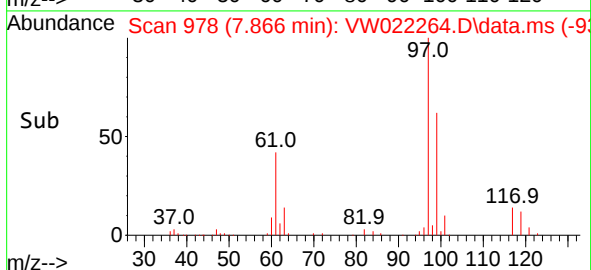
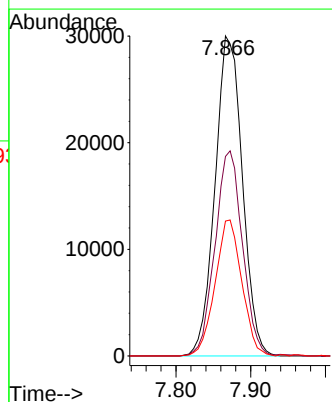
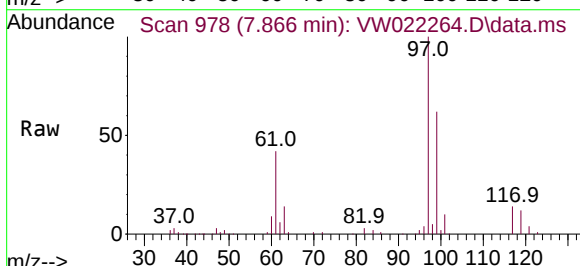
Tgt Ion: 97 Resp: 76439

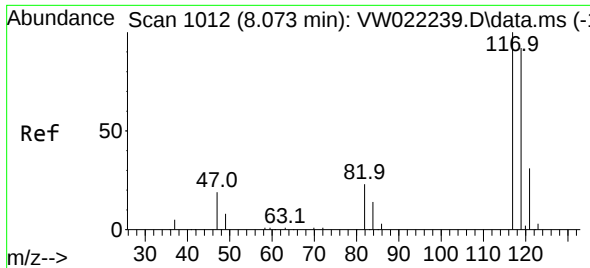
Ion Ratio Lower Upper

97 100

99 64.2 52.6 78.8

61 41.5 33.0 49.6

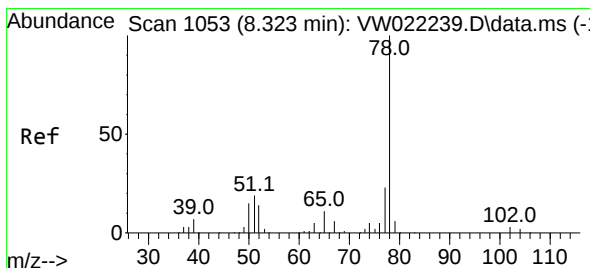
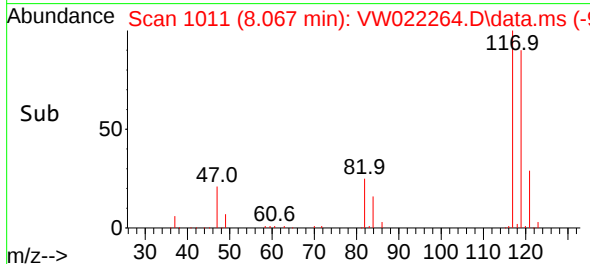
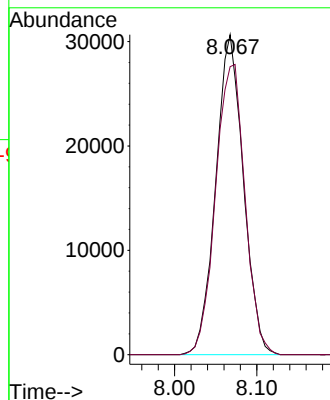
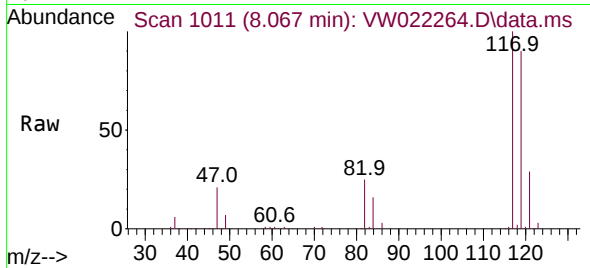




#31
Carbon tetrachloride
Concen: 26.839 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

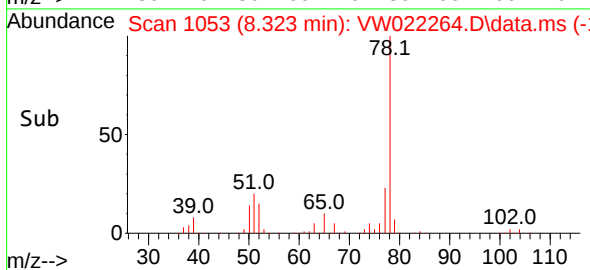
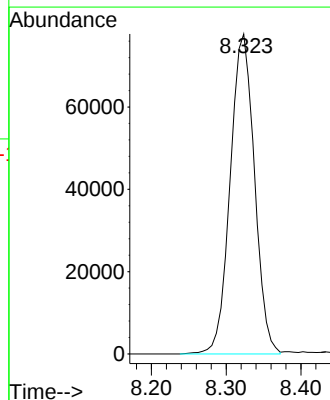
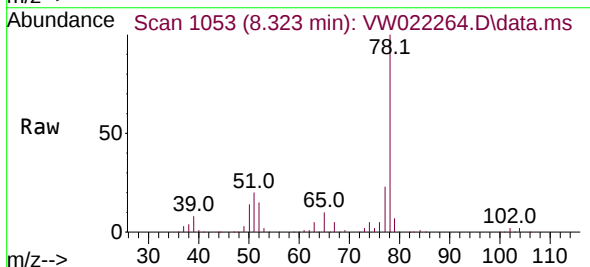
Instrument :
MSVOA_W
ClientSampleId :

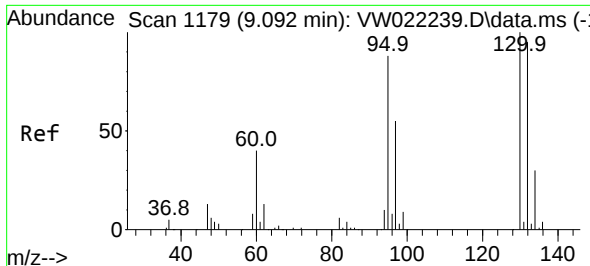
Tgt Ion:117 Resp: 71533
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1



#33
Benzene
Concen: 26.083 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

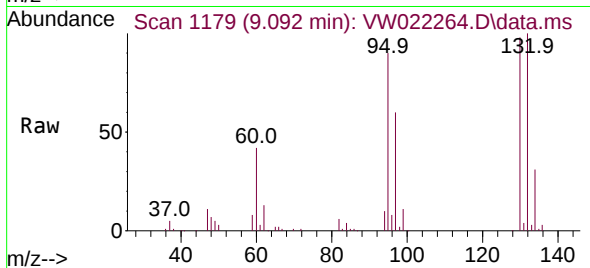
Tgt Ion: 78 Resp: 175778





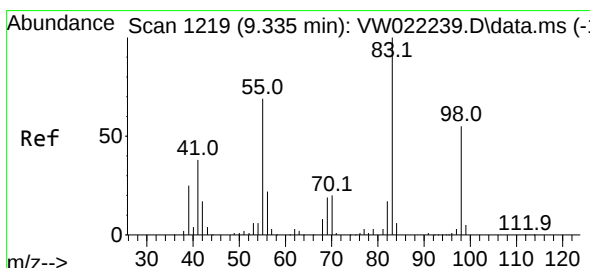
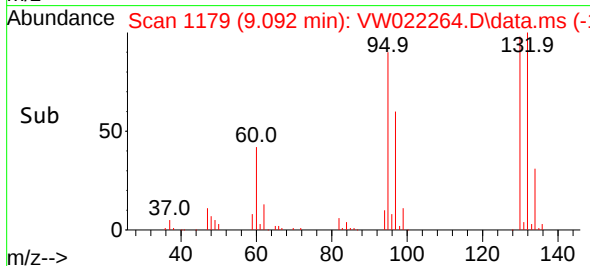
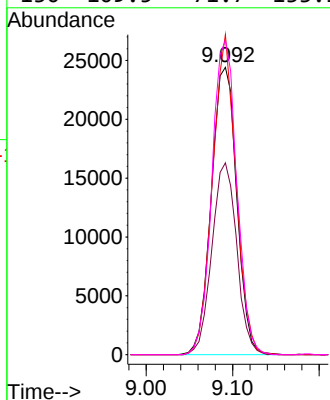
#34
Trichloroethene
Concen: 25.790 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 49764

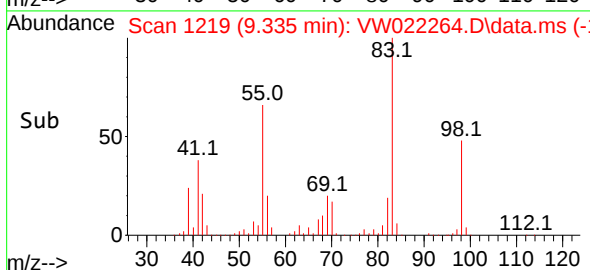
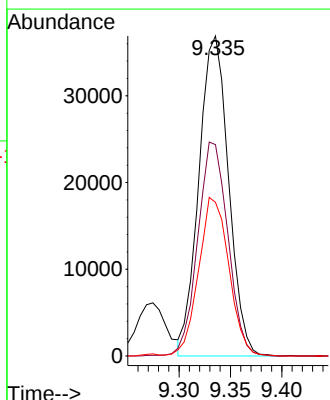
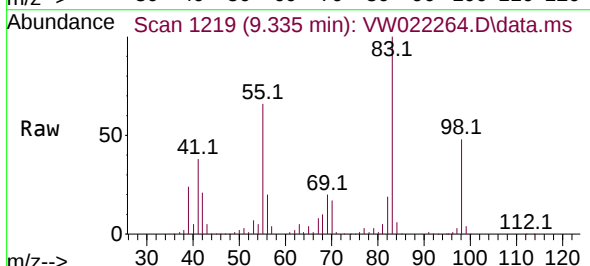
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.4	82.4
132	111.3	71.7	133.1
130	109.5	71.7	133.1

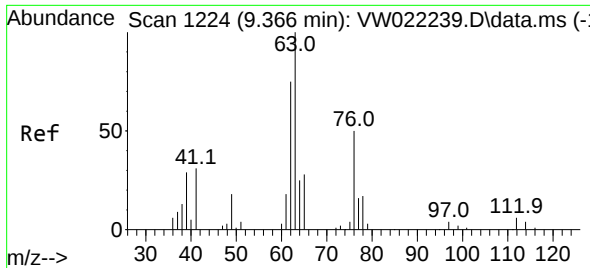


#35
Methylcyclohexane
Concen: 24.875 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion: 83 Resp: 74242

Ion	Ratio	Lower	Upper
83	100		
55	67.8	53.8	80.8
98	50.6	42.1	63.1





#37

1,2-Dichloropropane

Concen: 27.639 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

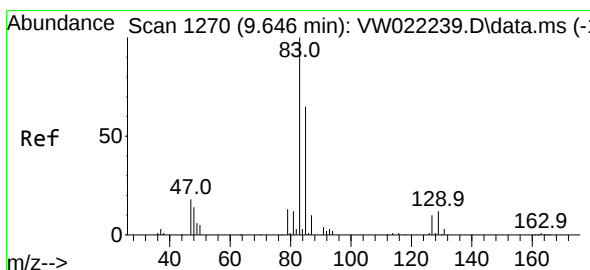
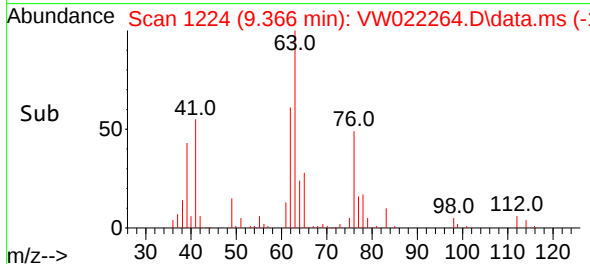
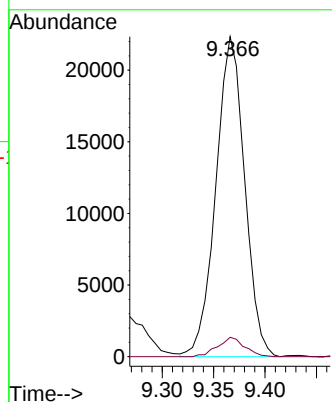
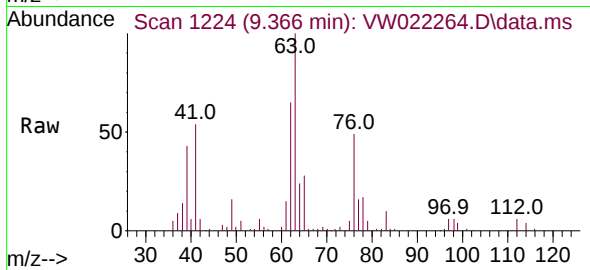
ClientSampleId :

Tgt Ion: 63 Resp: 43454

Ion Ratio Lower Upper

63 100

112 5.7 4.1 6.1



#38

Bromodichloromethane

Concen: 27.833 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

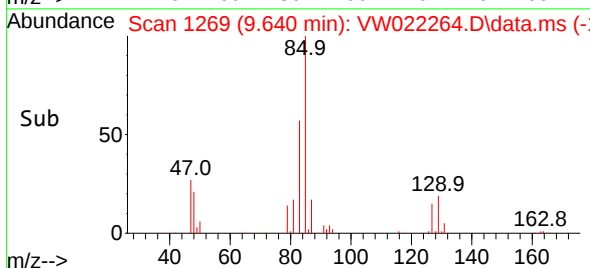
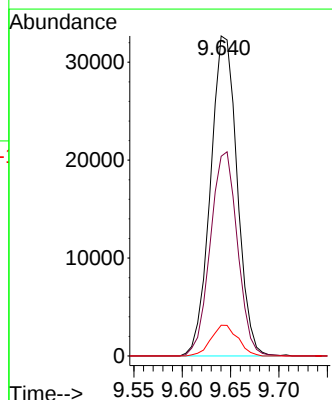
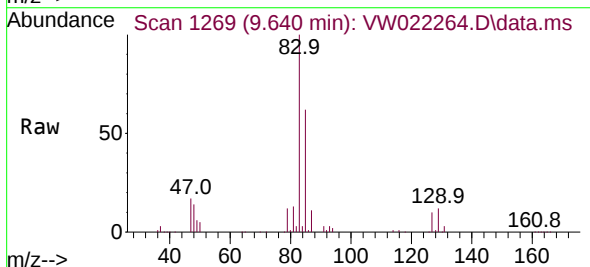
Tgt Ion: 83 Resp: 62753

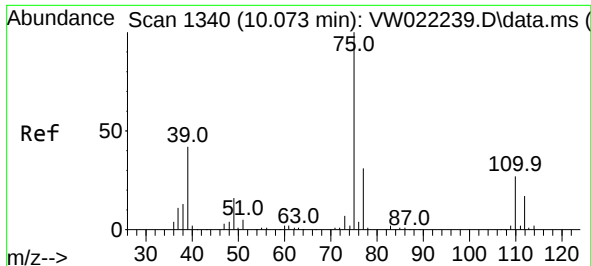
Ion Ratio Lower Upper

83 100

85 62.4 47.9 89.1

127 9.6 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 27.573 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

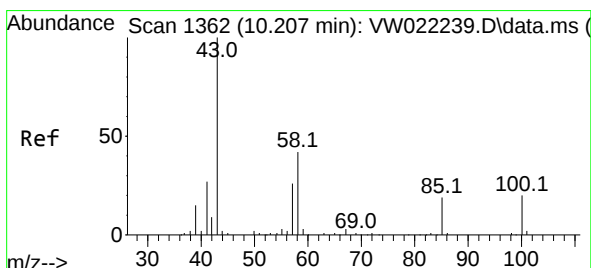
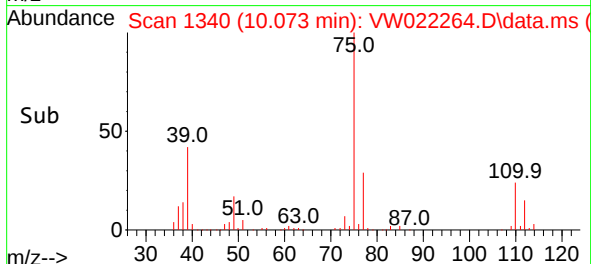
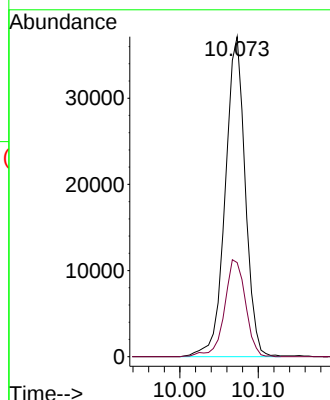
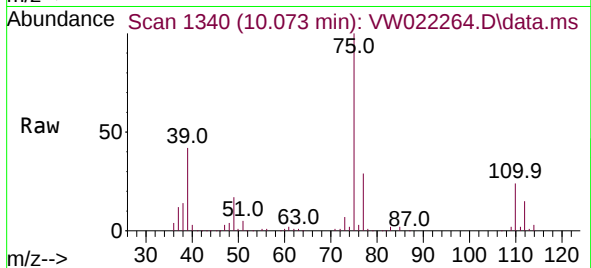
ClientSampleId :

Tgt Ion: 75 Resp: 65894

Ion Ratio Lower Upper

75 100

77 29.4 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 45.672 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

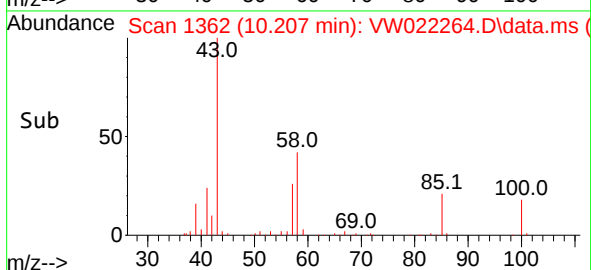
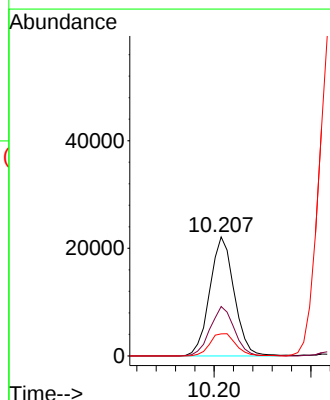
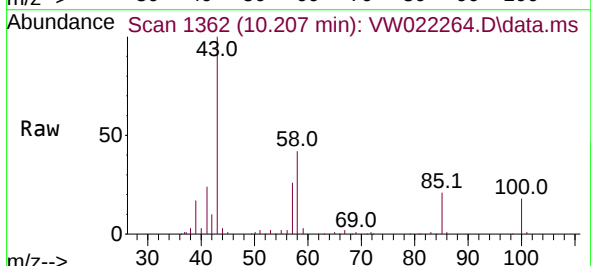
Tgt Ion: 43 Resp: 38777

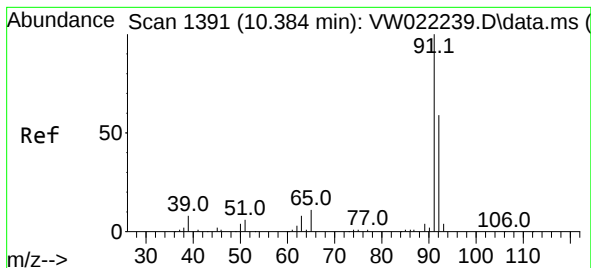
Ion Ratio Lower Upper

43 100

58 40.8 33.2 49.8

100 20.0 16.1 24.1





#42

Toluene

Concen: 27.156 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

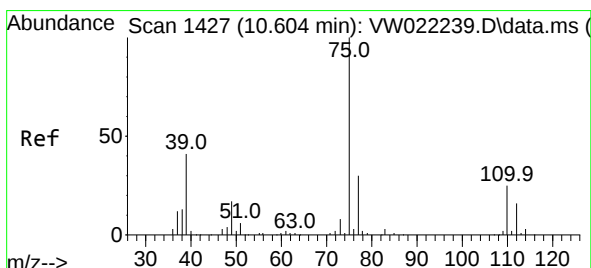
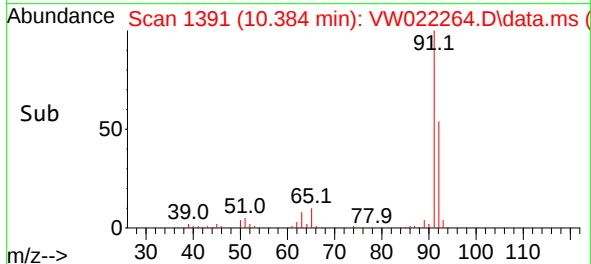
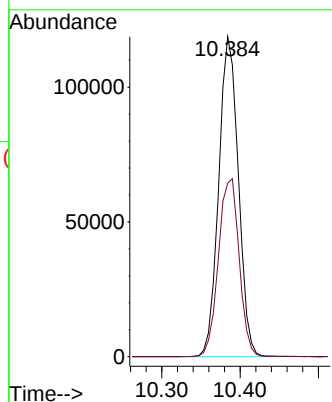
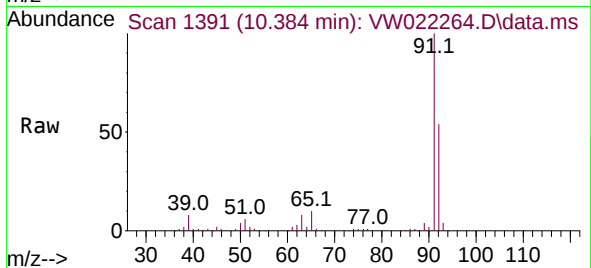
ClientSampleId :

Tgt Ion: 91 Resp: 207130

Ion Ratio Lower Upper

91 100

92 54.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 26.566 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022264.D

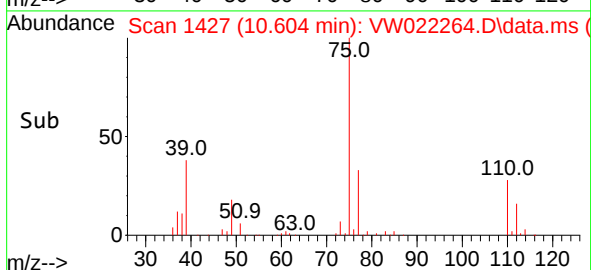
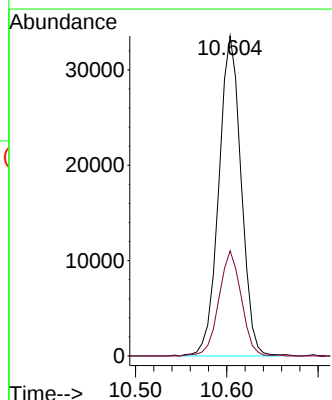
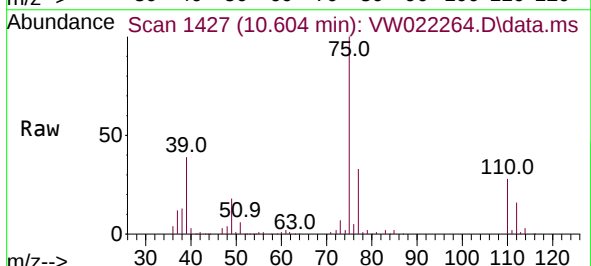
Acq: 10 Mar 2022 08:59

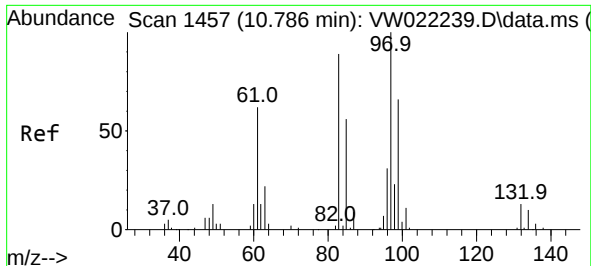
Tgt Ion: 75 Resp: 57052

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.515 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 35571

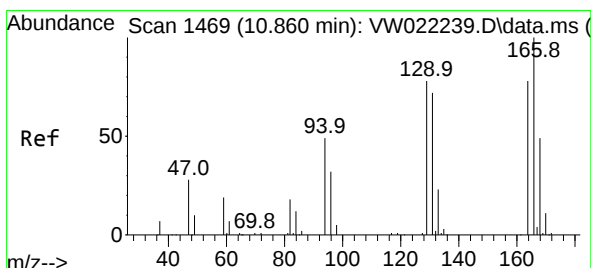
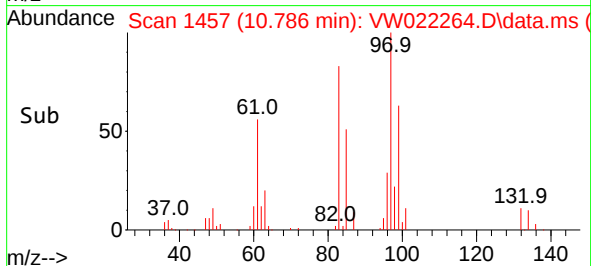
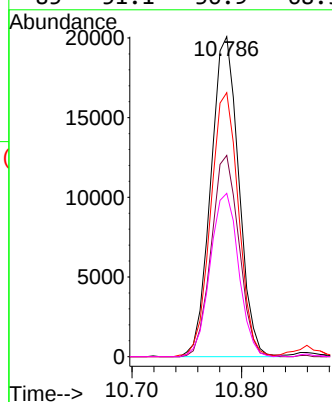
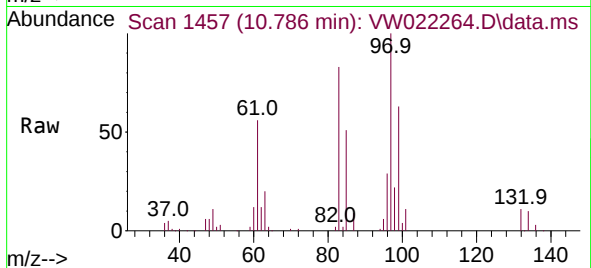
Ion Ratio Lower Upper

97 100

99 62.9 43.5 80.7

83 82.5 53.5 99.3

85 51.1 36.9 68.5



#46

Tetrachloroethene

Concen: 25.281 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Tgt Ion:164 Resp: 42733

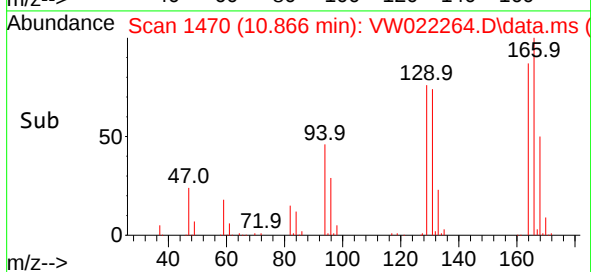
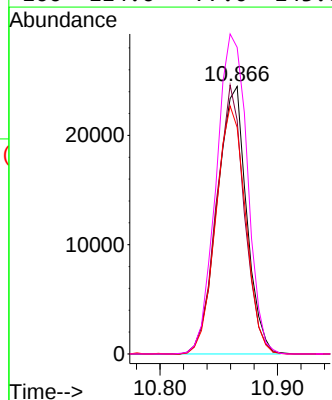
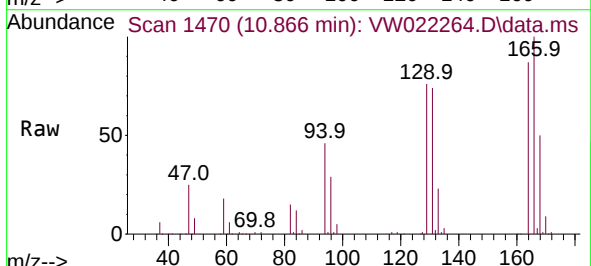
Ion Ratio Lower Upper

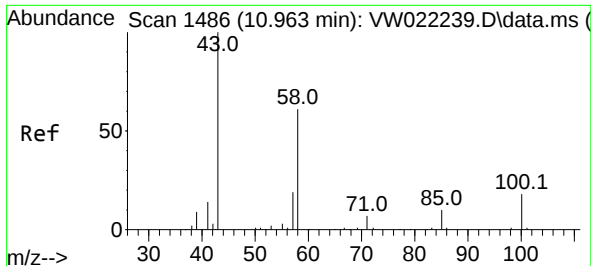
164 100

129 87.4 60.3 111.9

131 84.7 59.9 111.3

166 114.6 77.0 143.0

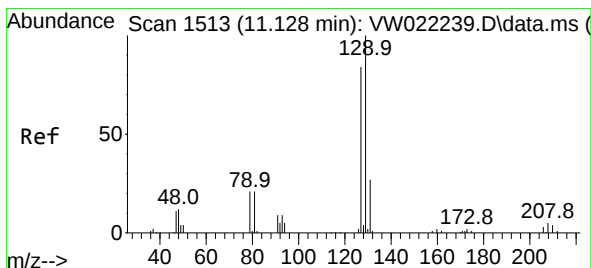
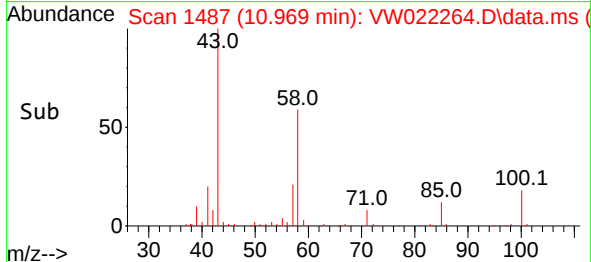
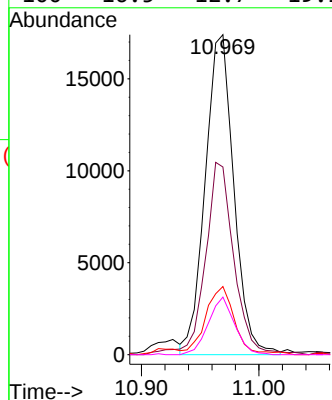
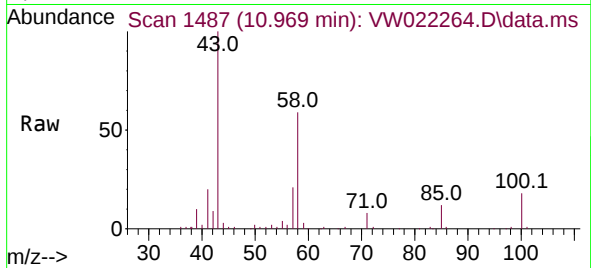




#48
2-Hexanone
Concen: 50.092 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

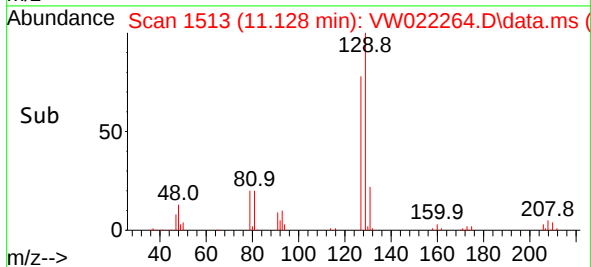
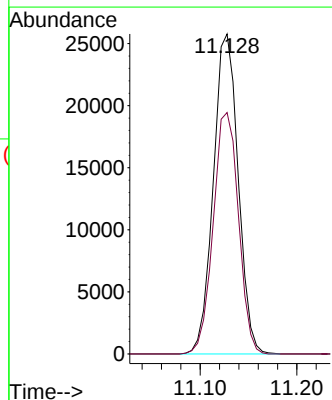
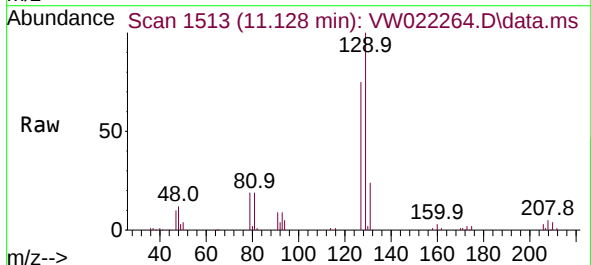
Instrument :
MSVOA_W
ClientSampleId :

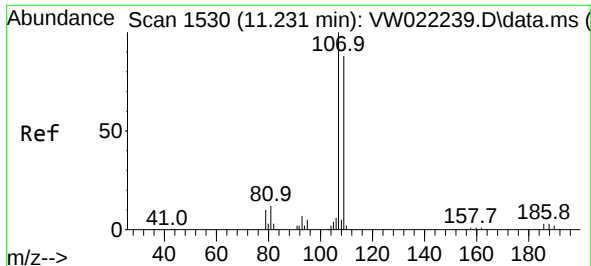
Tgt Ion:	43	Resp:	29518
Ion	Ratio	Lower	Upper
43	100		
58	59.0	44.6	66.8
57	21.6	15.8	23.8
100	16.5	12.7	19.1



#49
Dibromochloromethane
Concen: 27.128 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion:	129	Resp:	45940
Ion	Ratio	Lower	Upper
129	100		
127	75.5	54.5	101.1

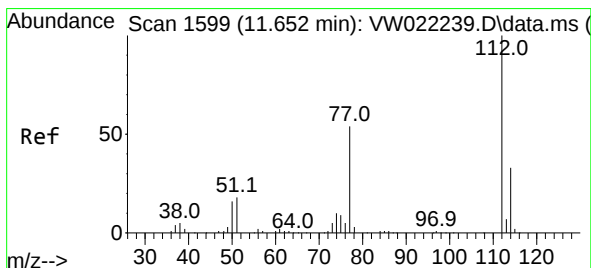
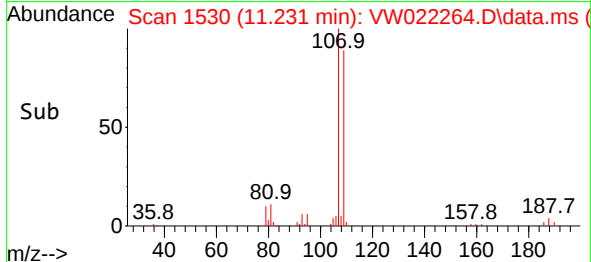
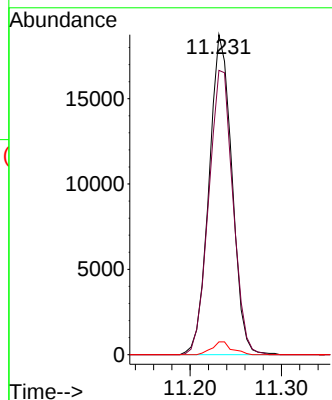
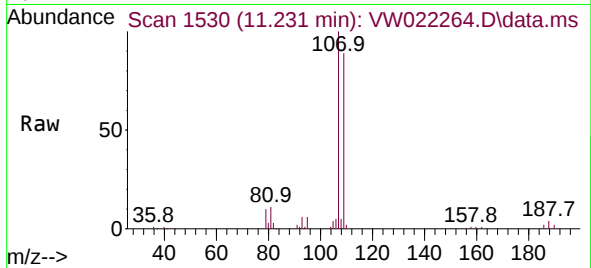




#50
1,2-Dibromoethane
Concen: 24.303 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

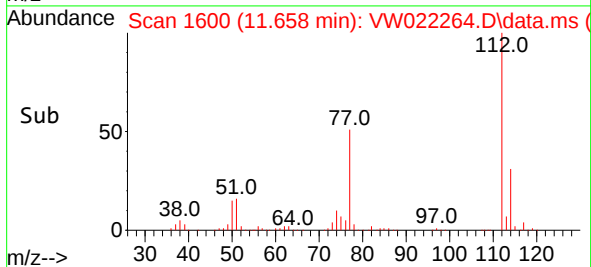
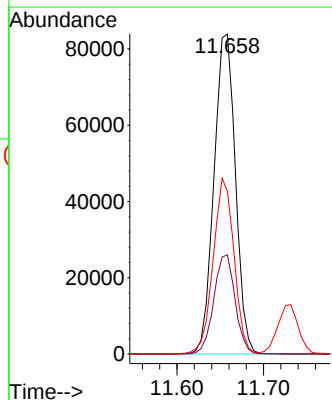
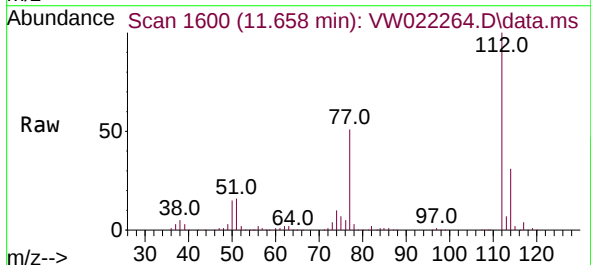
Instrument :
MSVOA_W
ClientSampleId :

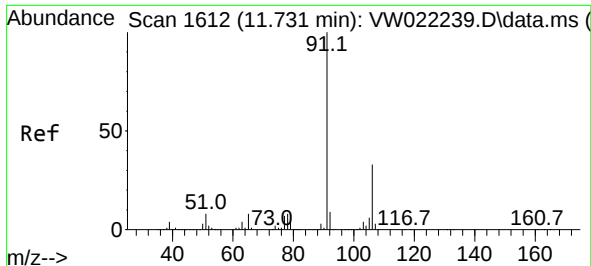
Tgt Ion:107 Resp: 32680
Ion Ratio Lower Upper
107 100
109 88.9 66.8 124.2
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 27.194 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion:112 Resp: 144354
Ion Ratio Lower Upper
112 100
114 31.0 23.0 42.8
77 50.9 41.8 62.6

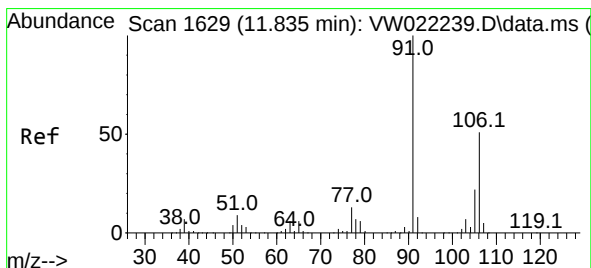
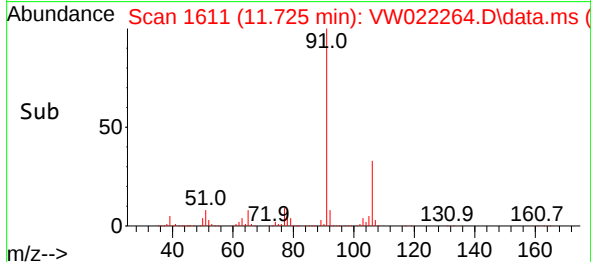
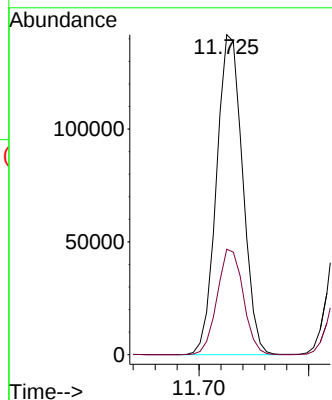
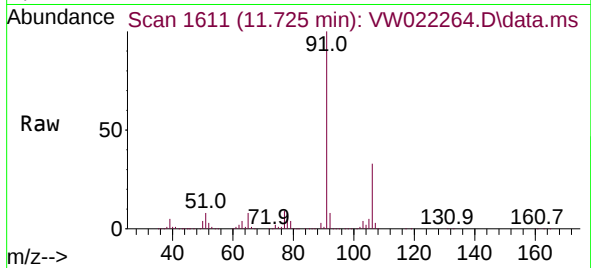




#52
Ethylbenzene
Concen: 27.836 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

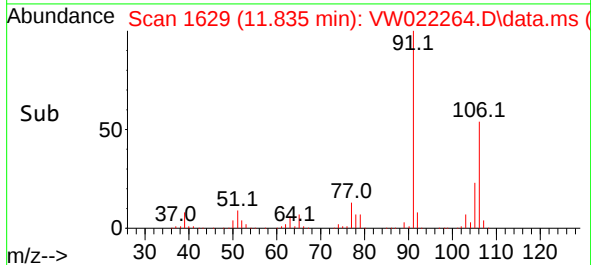
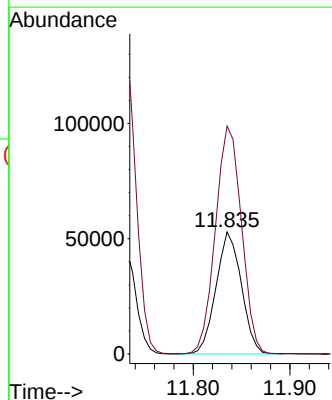
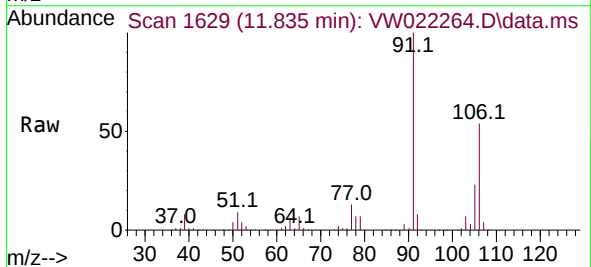
Instrument :
MSVOA_W
ClientSampleId :

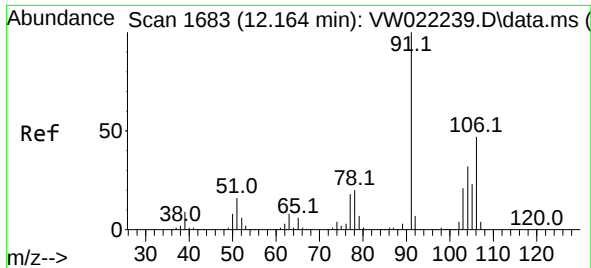
Tgt Ion: 91 Resp: 234976
Ion Ratio Lower Upper
91 100
106 32.9 22.8 42.4



#53
m,p-Xylene
Concen: 27.713 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion:106 Resp: 96262
Ion Ratio Lower Upper
106 100
91 186.5 135.0 250.8

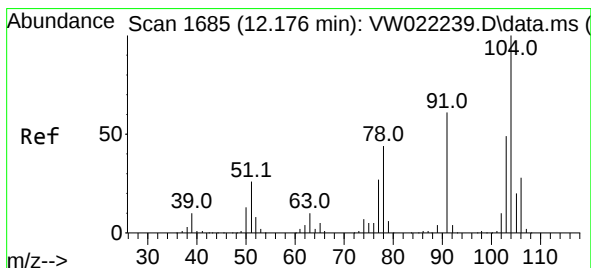
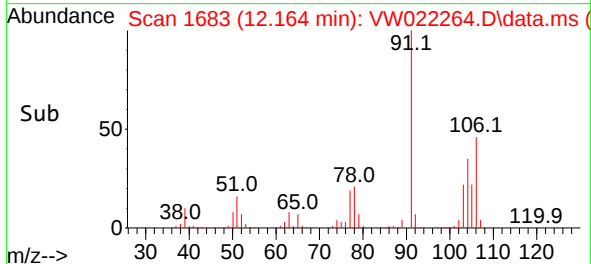
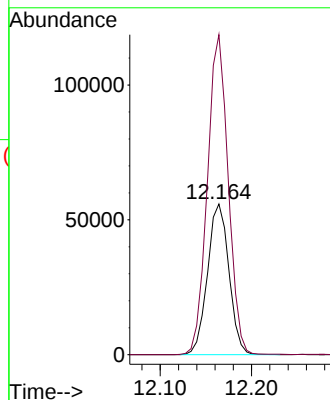
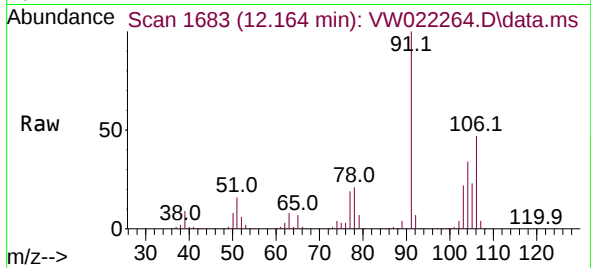




#54
o-Xylene
Concen: 27.851 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

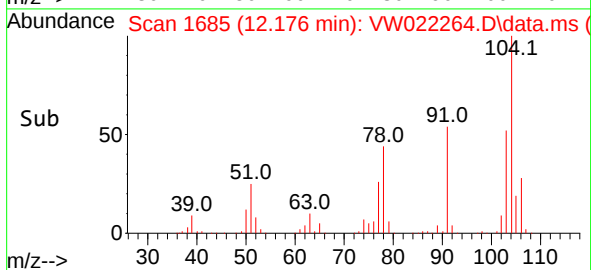
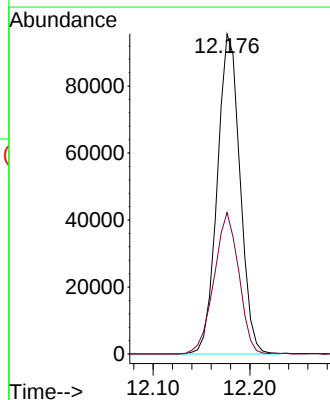
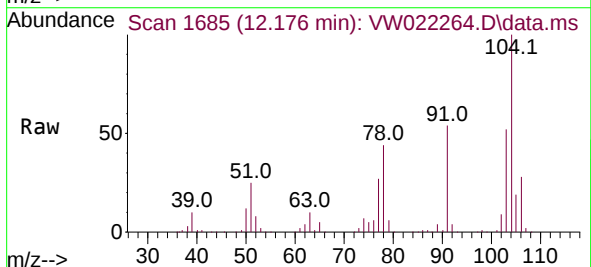
Instrument :
MSVOA_W
ClientSampleId :

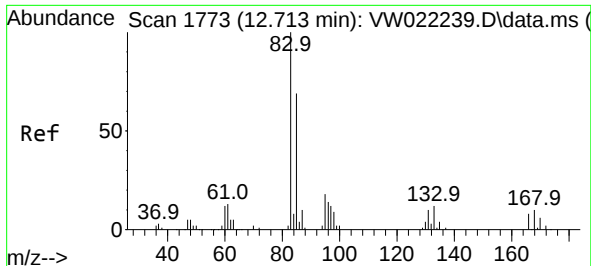
Tgt Ion:106 Resp: 91025
Ion Ratio Lower Upper
106 100
91 212.4 136.9 254.3



#55
Styrene
Concen: 28.427 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion:104 Resp: 155752
Ion Ratio Lower Upper
104 100
78 44.2 27.8 51.6





#57

1,1,2-Tetrachloroethane

Concen: 24.532 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022264.D

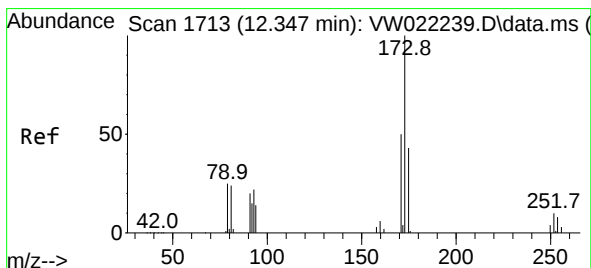
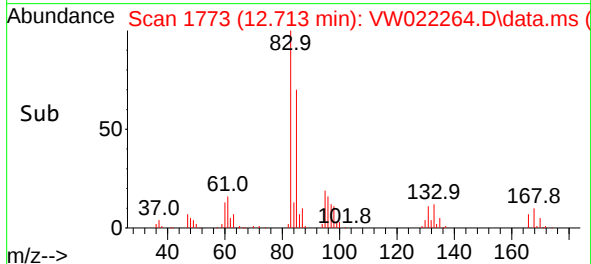
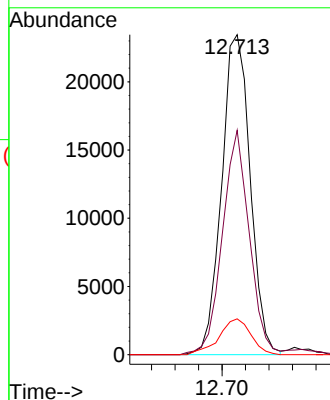
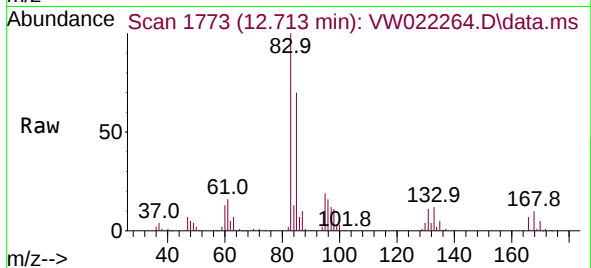
Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	39683
Ion	Ratio	Lower	Upper
83	100		
85	70.1	44.2	82.0
131	11.2	9.4	14.0



#59

Bromoform

Concen: 23.025 ug/L

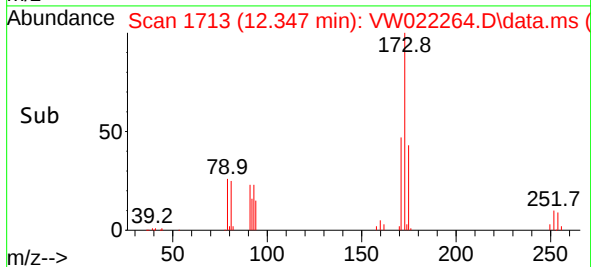
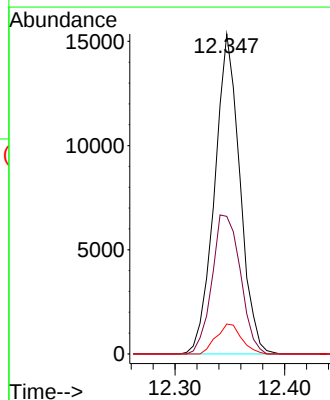
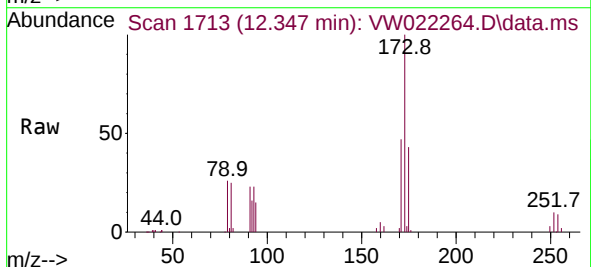
RT: 12.347 min Scan# 1713

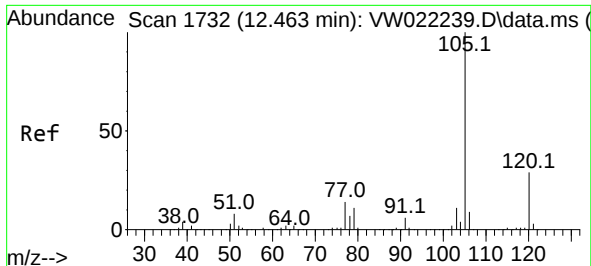
Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Tgt Ion:	173	Resp:	24637
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.2	57.4
254	9.3	5.0	7.6#

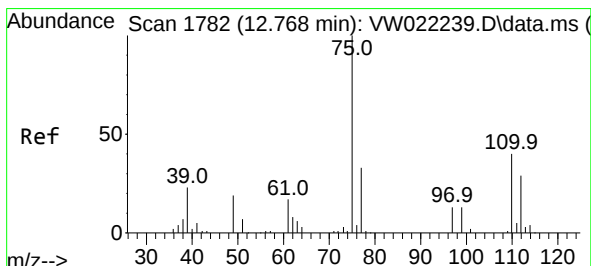
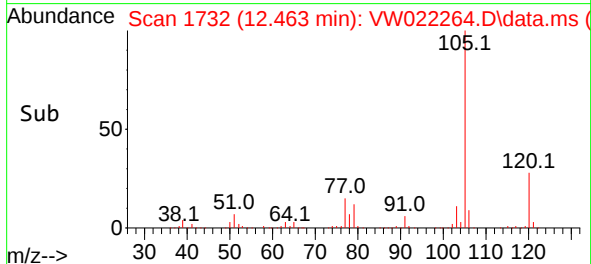
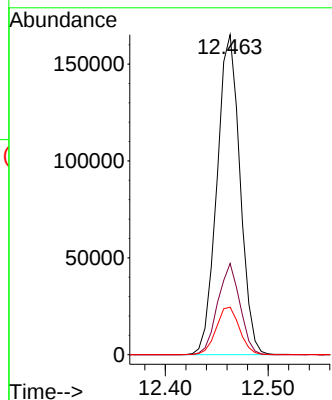
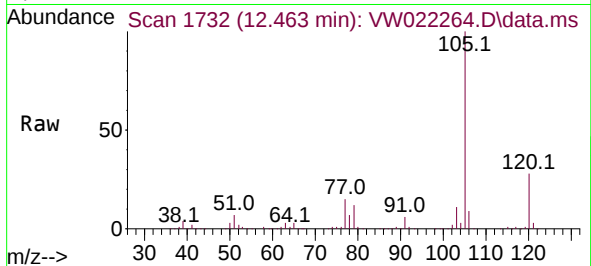




#60
Isopropylbenzene
Concen: 26.470 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

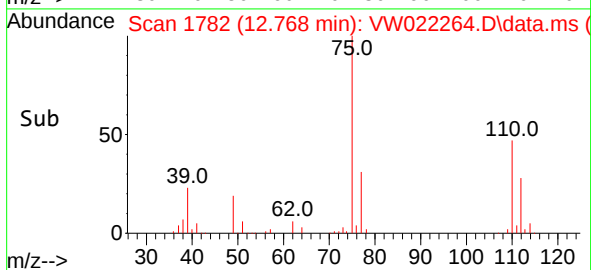
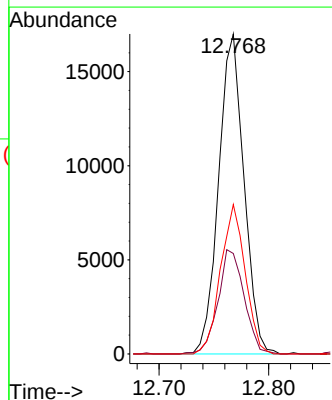
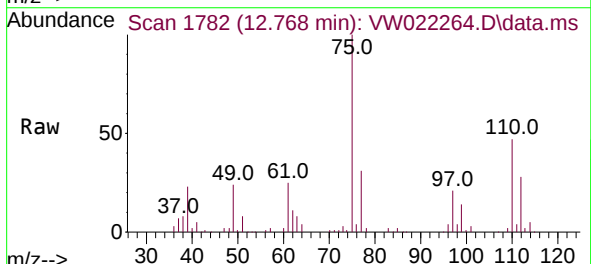
Instrument :
MSVOA_W
ClientSampleId :

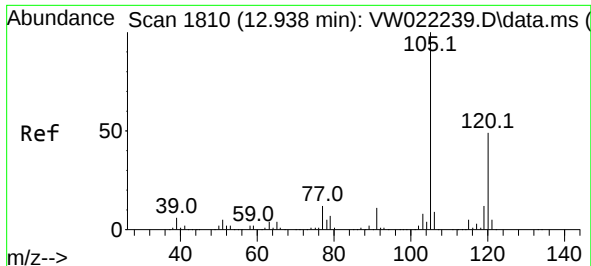
Tgt Ion:105 Resp: 257104
Ion Ratio Lower Upper
105 100
120 27.5 22.1 33.1
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 21.381 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion: 75 Resp: 27305
Ion Ratio Lower Upper
75 100
77 33.5 27.1 40.7
110 45.4 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 27.646 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

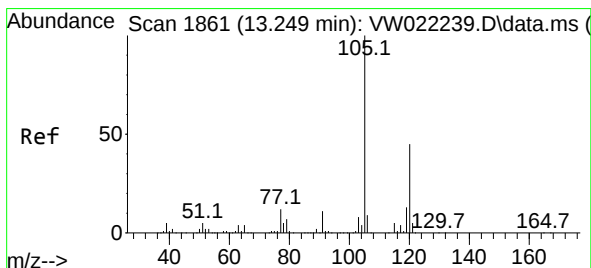
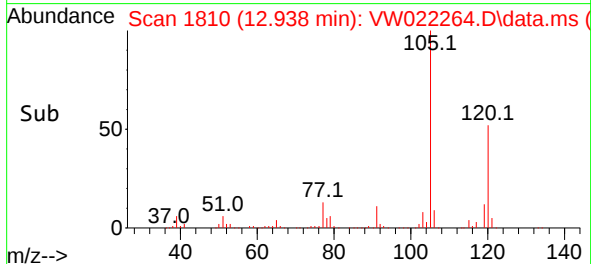
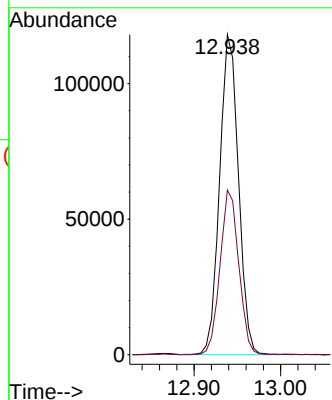
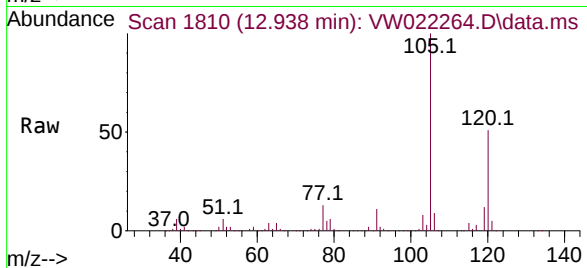
ClientSampleId :

Tgt Ion:105 Resp: 178560

Ion Ratio Lower Upper

105 100

120 51.1 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 27.201 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW022264.D

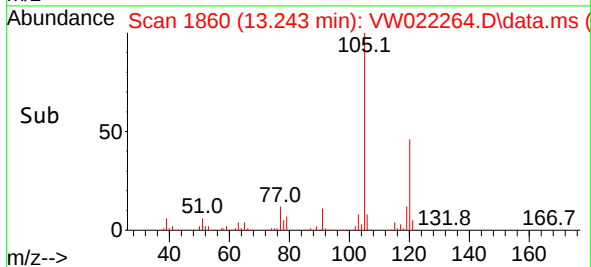
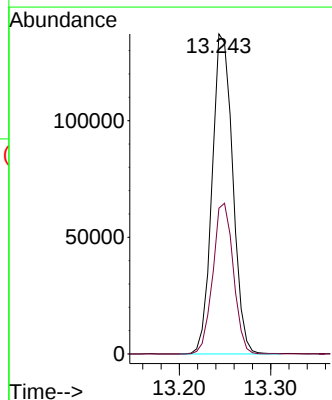
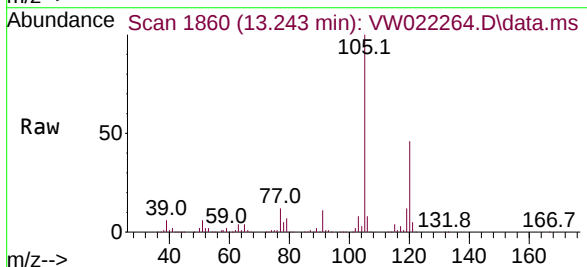
Acq: 10 Mar 2022 08:59

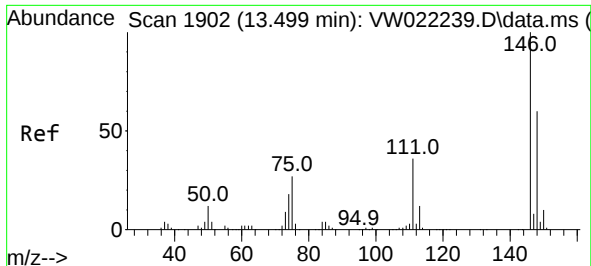
Tgt Ion:105 Resp: 214707

Ion Ratio Lower Upper

105 100

120 46.9 39.2 58.8

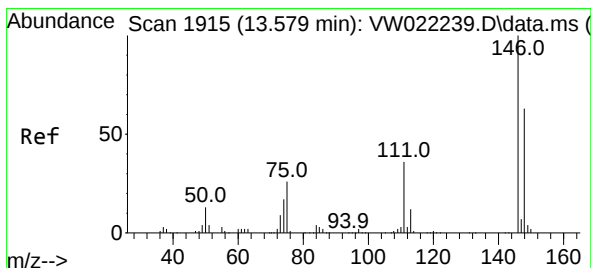
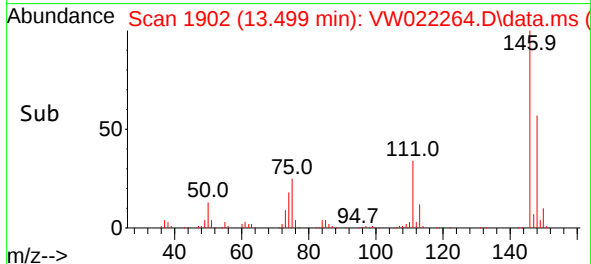
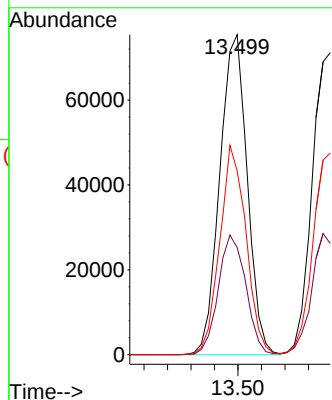
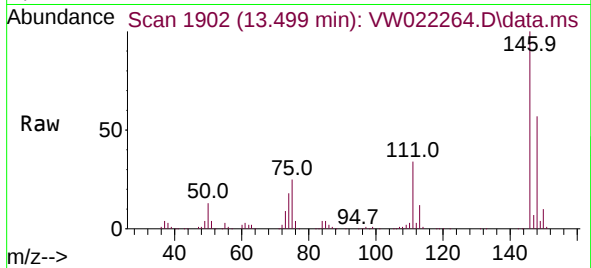




#64
1,3-Dichlorobenzene
Concen: 25.375 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

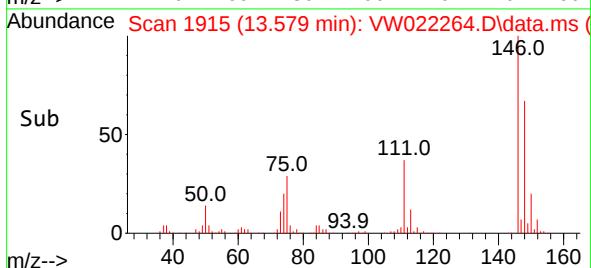
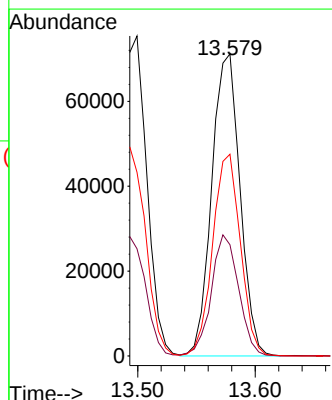
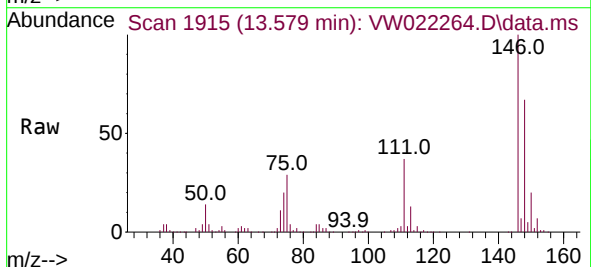
Instrument :
MSVOA_W
ClientSampleId :

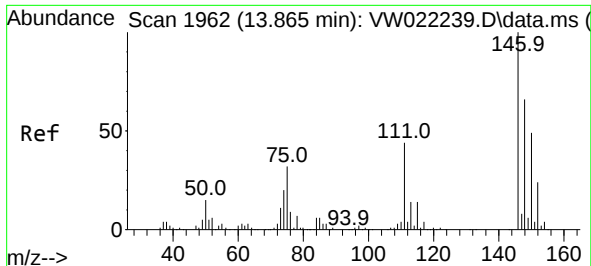
Tgt Ion:146 Resp: 122265
Ion Ratio Lower Upper
146 100
111 33.5 26.9 49.9
148 57.4 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.660 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022264.D
Acq: 10 Mar 2022 08:59

Tgt Ion:146 Resp: 119072
Ion Ratio Lower Upper
146 100
111 36.8 27.5 51.1
148 66.8 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.213 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :

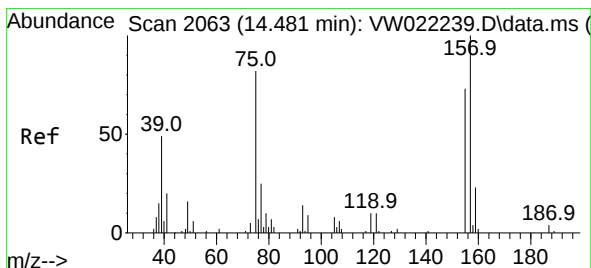
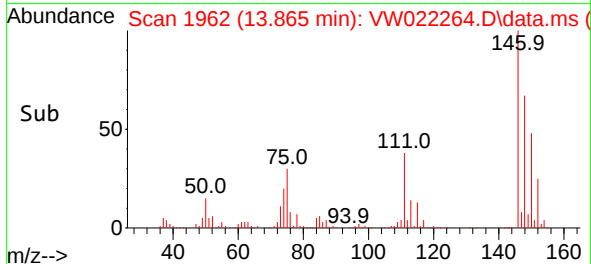
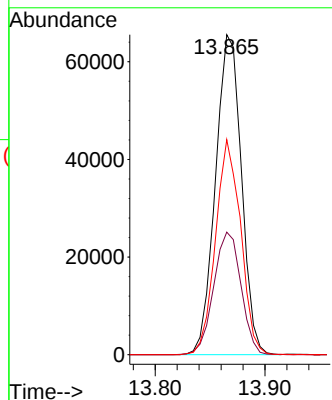
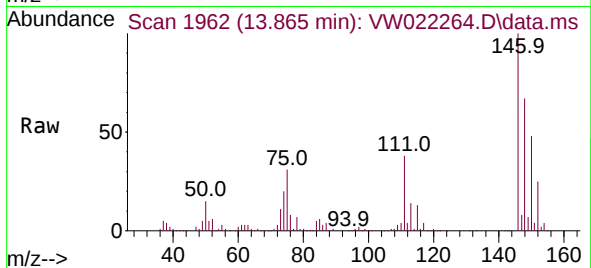
Tgt Ion:146 Resp: 108010

Ion Ratio Lower Upper

146 100

111 38.3 34.8 52.2

148 67.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.943 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

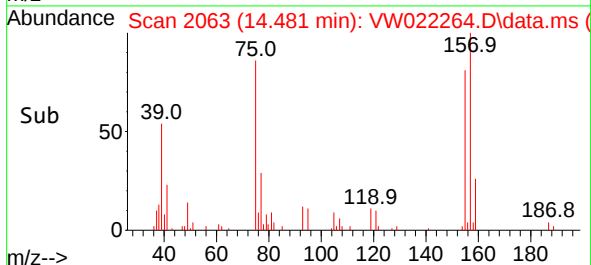
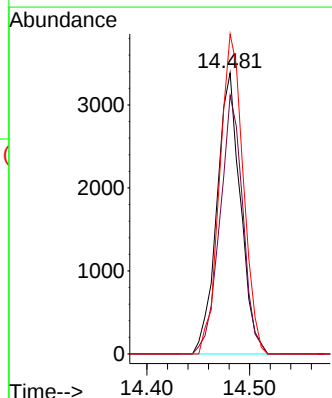
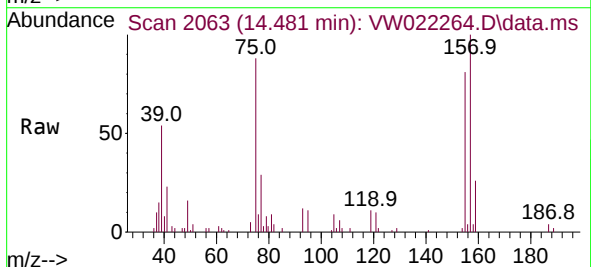
Tgt Ion: 75 Resp: 5384

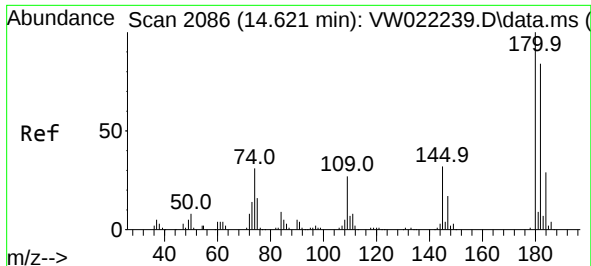
Ion Ratio Lower Upper

75 100

155 91.9 58.2 87.2#

157 113.8 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 24.735 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 85543

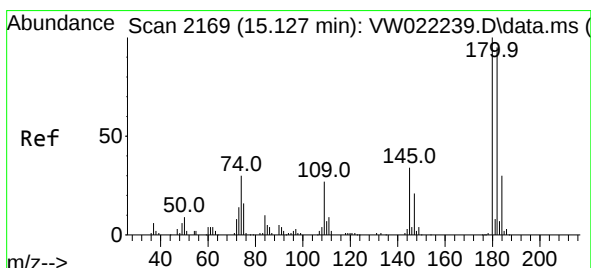
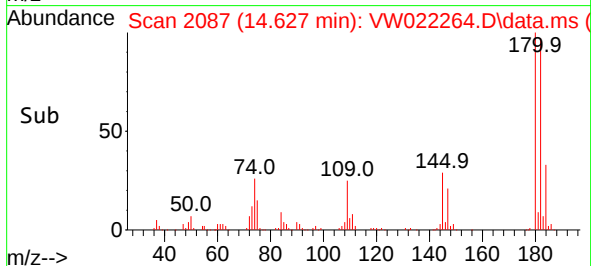
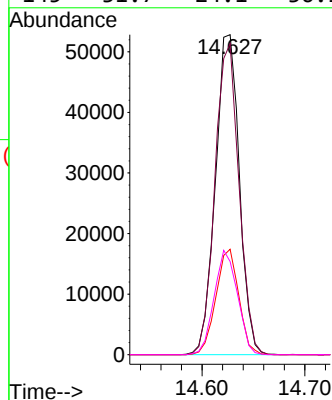
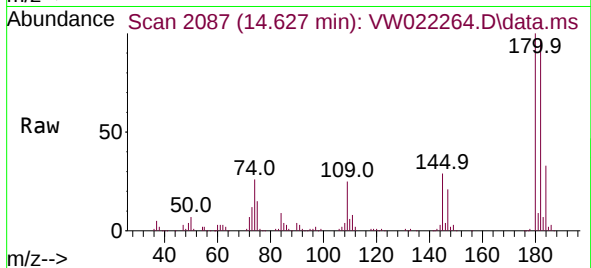
Ion Ratio Lower Upper

180 100

182 97.2 69.4 104.0

184 31.5 21.8 32.8

145 31.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 25.785 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

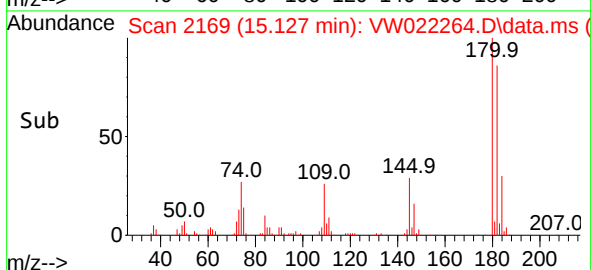
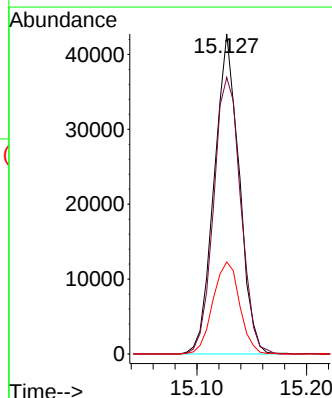
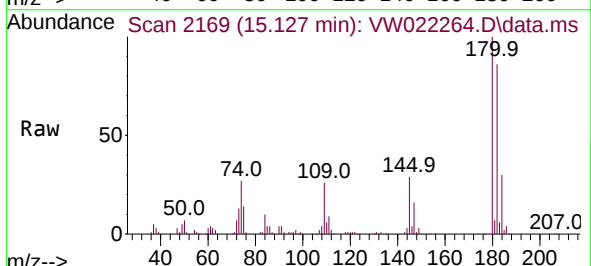
Tgt Ion:180 Resp: 67472

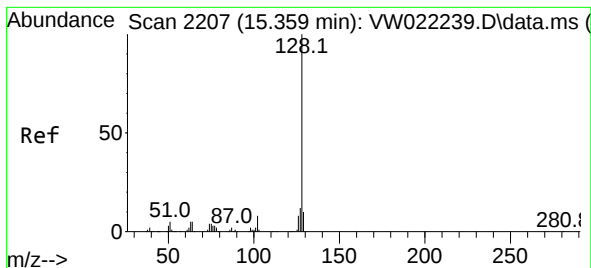
Ion Ratio Lower Upper

180 100

182 93.6 77.8 116.6

145 30.8 25.8 38.6





#71

Naphthalene

Concen: 22.954 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Instrument :

MSVOA_W

ClientSampleId :

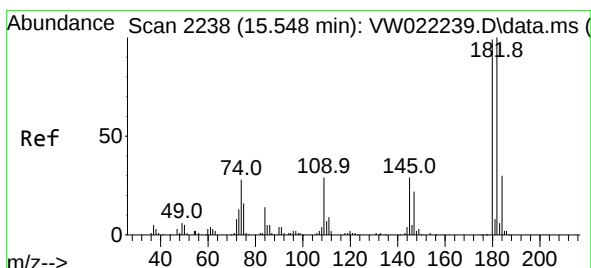
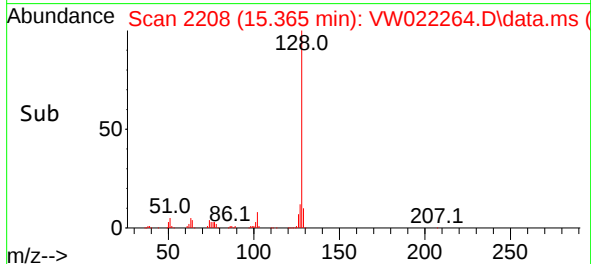
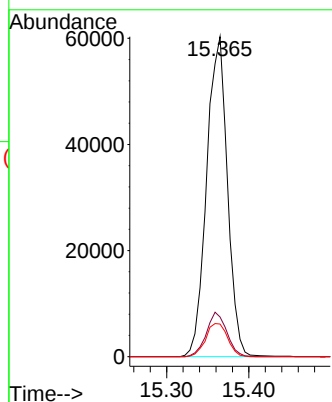
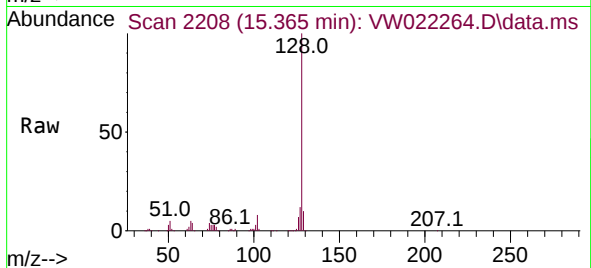
Tgt Ion:128 Resp: 106031

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.6

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.836 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022264.D

Acq: 10 Mar 2022 08:59

Tgt Ion:180 Resp: 56212

Ion Ratio Lower Upper

180 100

182 92.1 79.0 118.4

145 32.5 28.0 42.0

