

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022155.D
 Acq On : 03 Mar 2022 08:40
 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 04 00:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 28 01:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174574	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	158241	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42893	18.838	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.360%
7) Chloroethane-d5	2.885	69	31656	17.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
11) 1,1-Dichloroethene-d2	4.019	63	69622	19.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.880%
21) 2-Butanone-d5	7.074	46	14594	38.120	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.240%
24) Chloroform-d	7.647	84	84797	21.771	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	8.305	65	39617	19.567	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.280%
32) Benzene-d6	8.275	84	148974	20.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.920%
36) 1,2-Dichloropropane-d6	9.274	67	43334	21.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	10.323	98	144855	19.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.120%
43) trans-1,3-Dichloroprop...	10.579	79	18100	19.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.840%
47) 2-Hexanone-d5	10.921	63	13317	39.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37415	20.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	59188	20.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11392	23.350	ug/L	95
3) Chloromethane	2.215	50	41273	24.687	ug/L	98
5) Vinyl chloride	2.361	62	62825	25.010	ug/L	97
6) Bromomethane	2.776	94	36447	20.775	ug/L	95
8) Chloroethane	2.922	64	31595	22.390	ug/L	98
9) Trichlorofluoromethane	3.257	101	41172	24.141	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	51837	24.913	ug/L	97
12) 1,1-Dichloroethene	4.038	96	44212	24.517	ug/L	95
13) Acetone	4.129	43	13775	44.054	ug/L	97
14) Carbon disulfide	4.385	76	103298	22.094	ug/L	97
15) Methyl Acetate	4.666	43	14080	20.002	ug/L	# 77
16) Methylene chloride	4.909	84	45788	21.368	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	49653	25.068	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	65221	24.203	ug/L	99
19) 1,1-Dichloroethane	6.214	63	84237	26.269	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	54269	25.292	ug/L	96
22) 2-Butanone	7.171	43	21023	46.804	ug/L	98
23) Bromochloromethane	7.513	128	25429	24.261	ug/L	94
25) Chloroform	7.677	83	97173	25.972	ug/L	96

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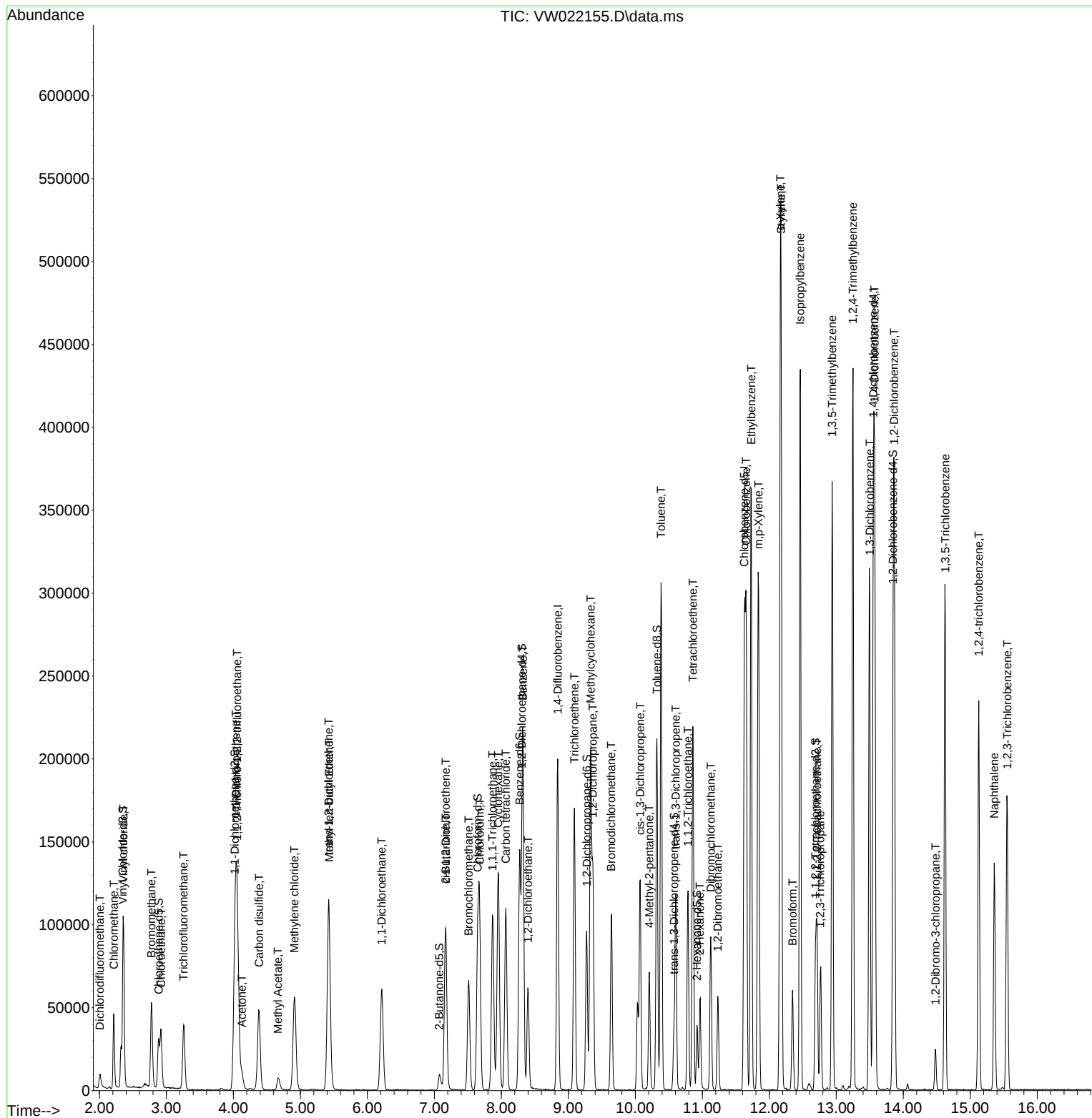
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	55303	23.998	ug/L	99
29) Cyclohexane	7.952	56	69924	26.552	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	87024	27.335	ug/L	99
31) Carbon tetrachloride	8.067	117	82337	27.212	ug/L	100
33) Benzene	8.323	78	199638	26.094	ug/L	100
34) Trichloroethene	9.092	95	57409	26.208	ug/L	97
35) Methylcyclohexane	9.335	83	90113	26.596	ug/L	99
37) 1,2-Dichloropropane	9.366	63	46560	26.087	ug/L	98
38) Bromodichloromethane	9.640	83	67991	26.564	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	72390	26.682	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	41893	43.464	ug/L	98
42) Toluene	10.384	91	229620	26.518	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	64766	26.565	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	37430	23.650	ug/L	99
46) Tetrachloroethene	10.860	164	49101	25.588	ug/L	92
48) 2-Hexanone	10.963	43	33072	49.437	ug/L	98
49) Dibromochloromethane	11.128	129	49536	25.767	ug/L	99
50) 1,2-Dibromoethane	11.231	107	34871	22.843	ug/L #	88
51) Chlorobenzene	11.652	112	155844	25.861	ug/L	98
52) Ethylbenzene	11.731	91	264190	27.568	ug/L	99
53) m,p-Xylene	11.841	106	107343	27.222	ug/L	97
54) o-Xylene	12.164	106	101243	27.287	ug/L	99
55) Styrene	12.176	104	170343	27.386	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	42062	22.905	ug/L	100
59) Bromoform	12.347	173	26428	22.465	ug/L #	99
60) Isopropylbenzene	12.463	105	287748	26.946	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	29396	20.937	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	194376	27.373	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	235168	27.098	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	135371	25.554	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	131676	24.804	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	118323	25.122	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5934	19.992	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	94523	24.860	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	72408	25.169	ug/L	98
71) Naphthalene	15.359	128	116695	22.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	61874	24.865	ug/L	97

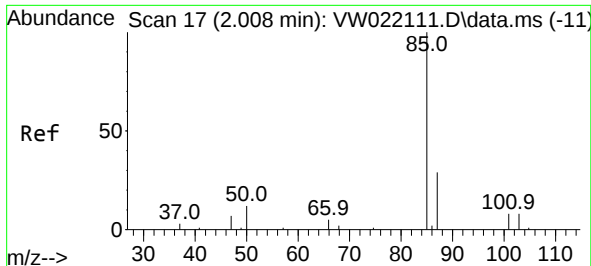
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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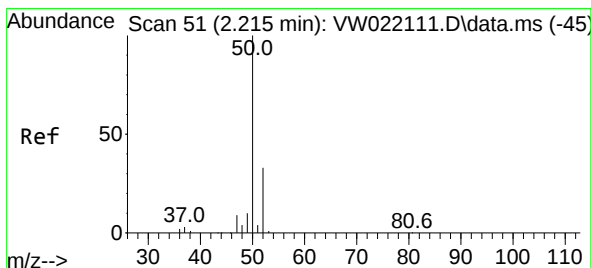
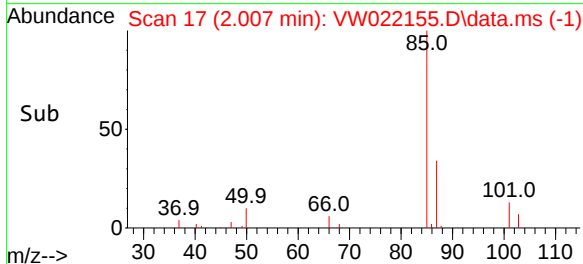
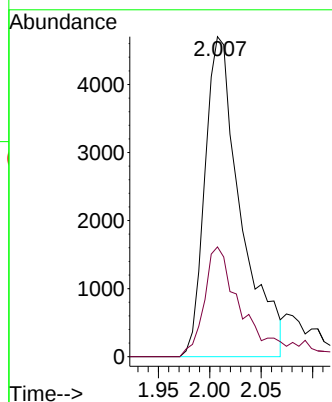
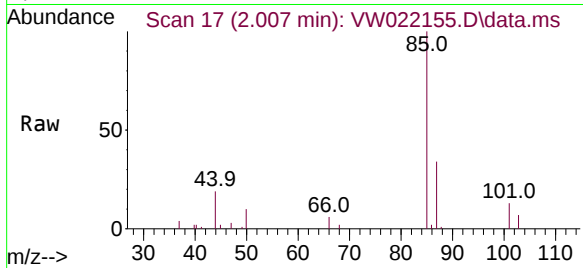




#2
 Dichlorodifluoromethane
 Concen: 23.350 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: VW022155.D
 Acq: 03 Mar 2022 08:40

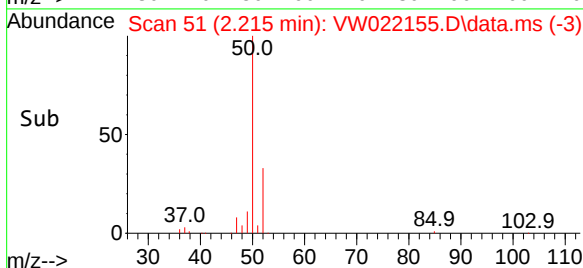
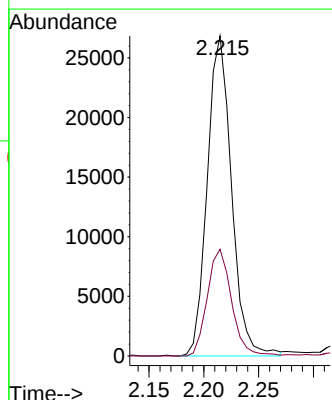
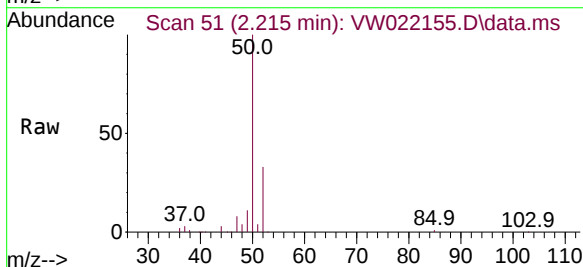
Instrument :
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 ClientSampleId :

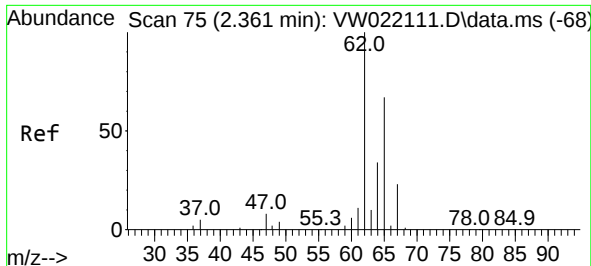
Tgt Ion: 85 Resp: 11392
 Ion Ratio Lower Upper
 85 100
 87 31.8 27.6 41.4



#3
 Chloromethane
 Concen: 24.687 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022155.D
 Acq: 03 Mar 2022 08:40

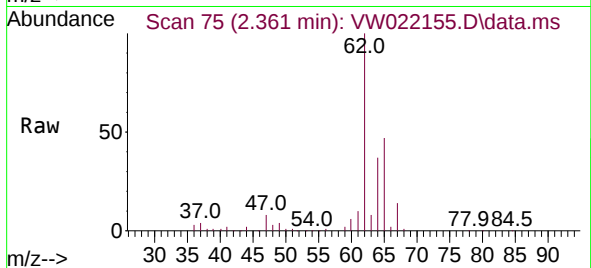
Tgt Ion: 50 Resp: 41273
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.9 44.5



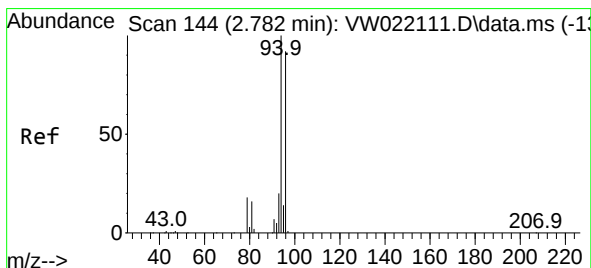
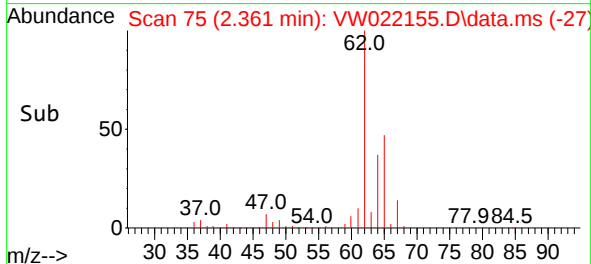
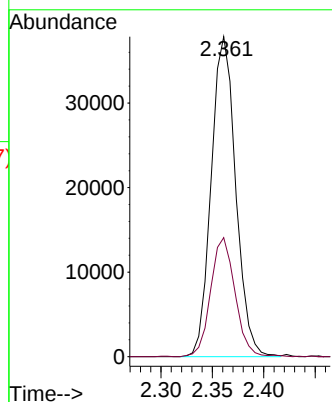


#5
 Vinyl chloride
 Concen: 25.010 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022155.D
 Acq: 03 Mar 2022 08:40

Instrument :
 MSVOA_W
 ClientSampleId :

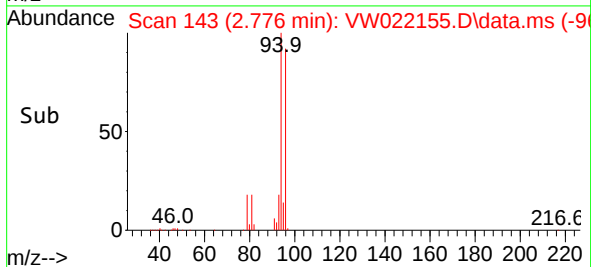
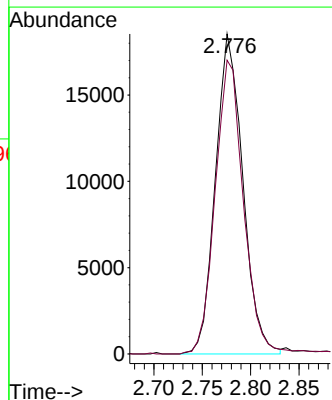
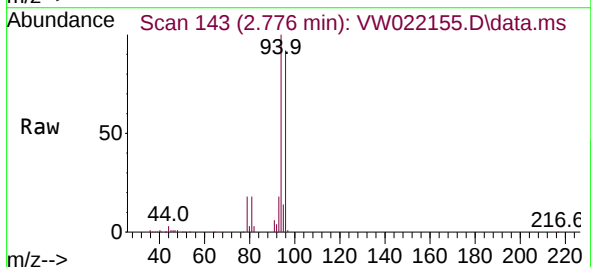


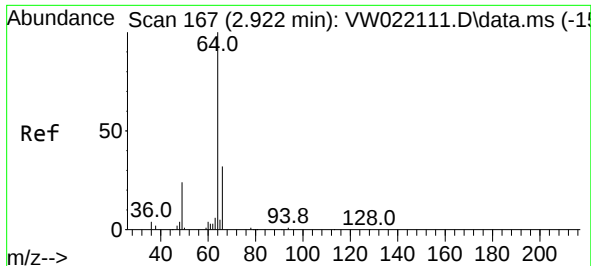
Tgt Ion: 62 Resp: 62825
 Ion Ratio Lower Upper
 62 100
 64 37.2 24.7 45.9



#6
 Bromomethane
 Concen: 20.775 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW022155.D
 Acq: 03 Mar 2022 08:40

Tgt Ion: 94 Resp: 36447
 Ion Ratio Lower Upper
 94 100
 96 91.8 61.2 113.8

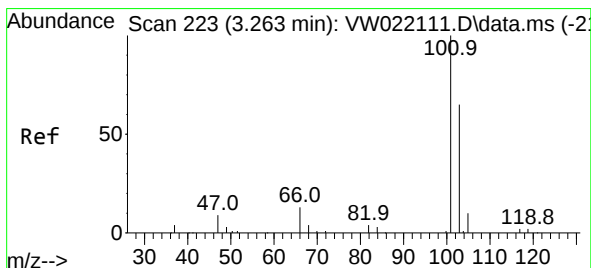
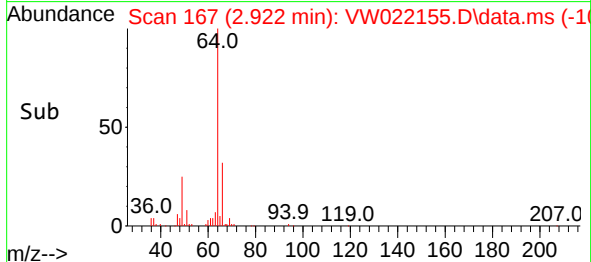
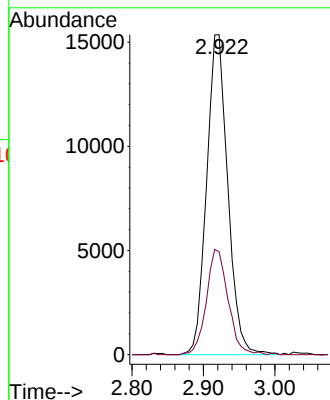
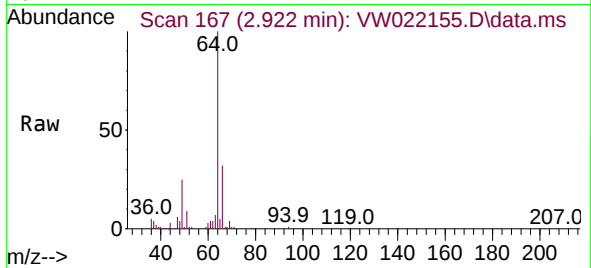




#8
Chloroethane
Concen: 22.390 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

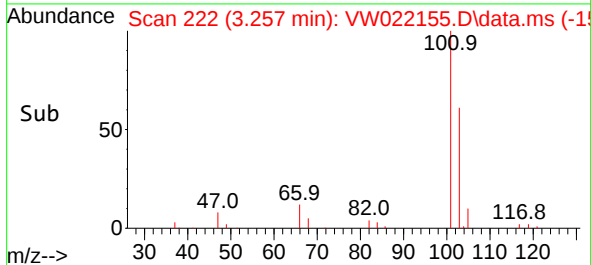
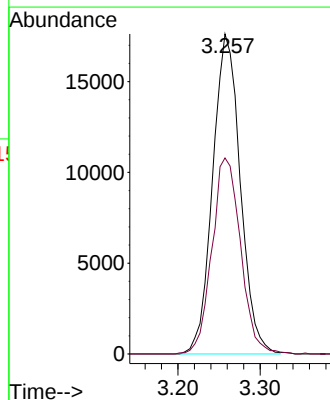
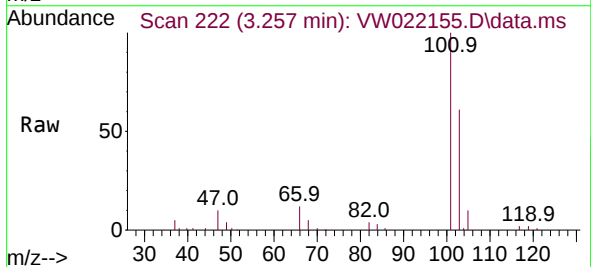
Instrument :
MSVOA_W
ClientSampleId :

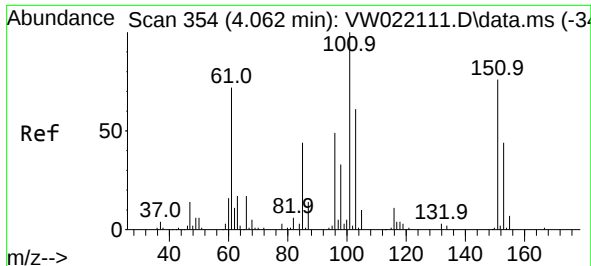
Tgt Ion: 64 Resp: 31595
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 24.141 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion: 101 Resp: 41172
Ion Ratio Lower Upper
101 100
103 63.5 53.2 79.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.913 ug/L

RT: 4.056 min Scan# 31

Delta R.T. -0.018 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

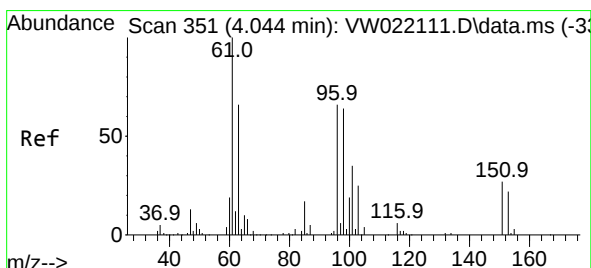
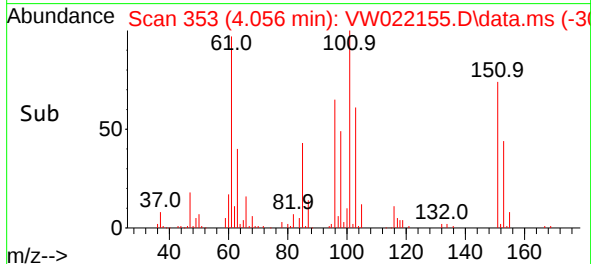
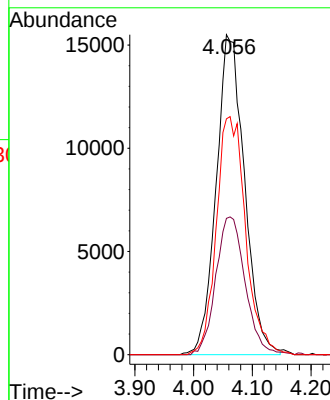
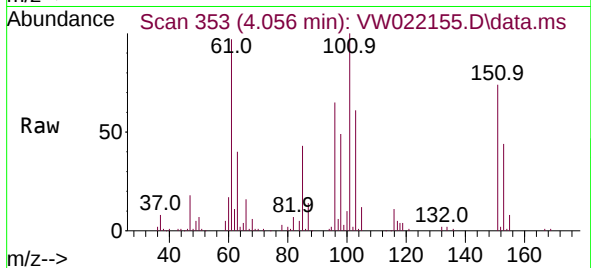
Tgt Ion:101 Resp: 51837

Ion Ratio Lower Upper

101 100

85 44.6 34.4 51.6

151 76.9 59.0 88.4



#12

1,1-Dichloroethene

Concen: 24.517 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.012 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

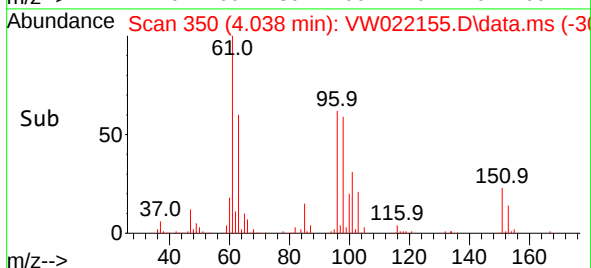
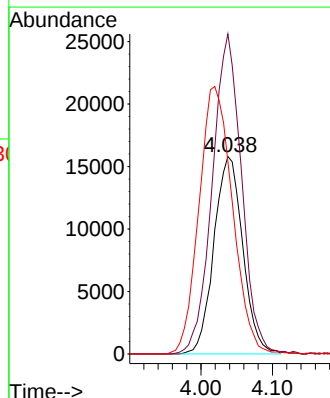
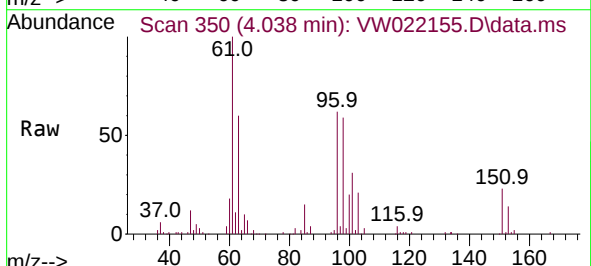
Tgt Ion: 96 Resp: 44212

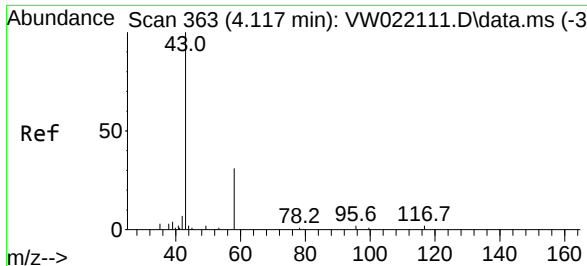
Ion Ratio Lower Upper

96 100

61 162.1 108.4 201.2

63 97.5 72.0 133.6

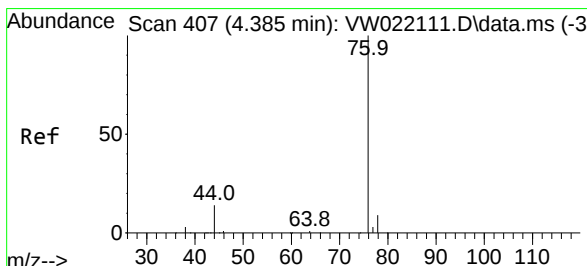
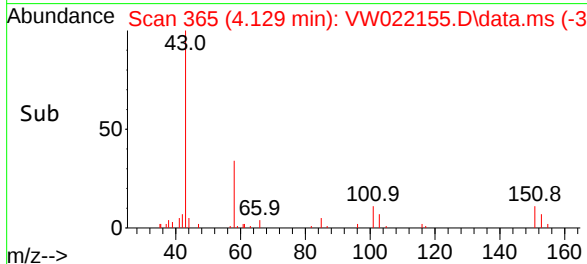
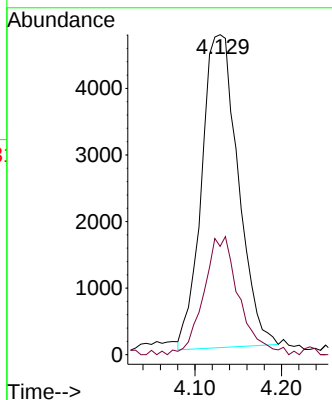
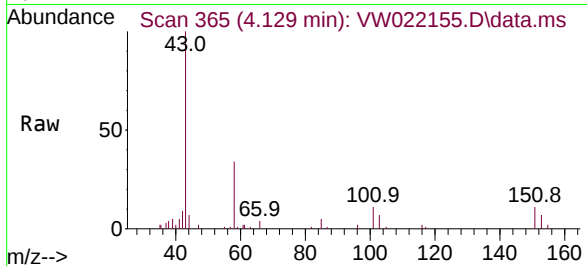




#13
Acetone
Concen: 44.054 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.018 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

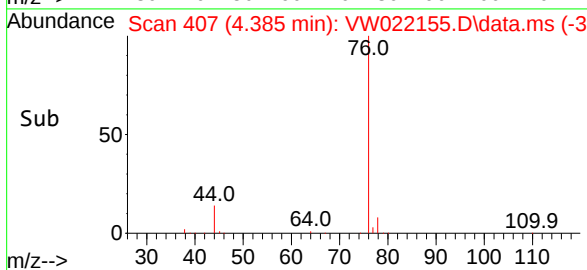
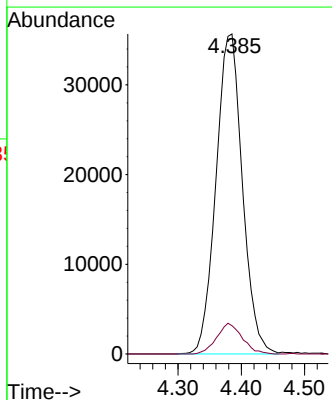
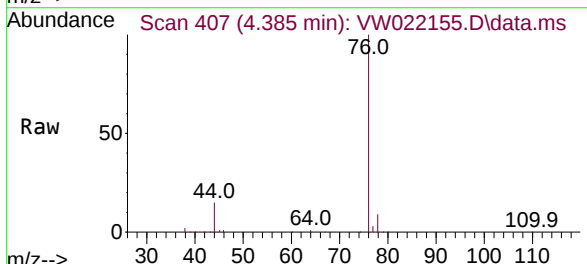
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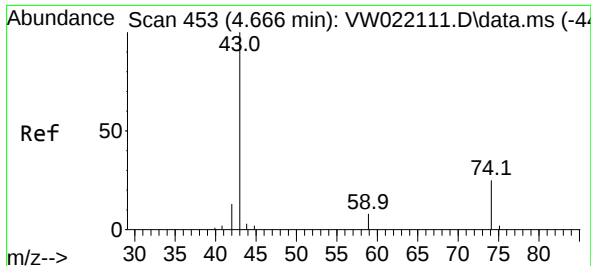
Tgt Ion: 43 Resp: 13775
Ion Ratio Lower Upper
43 100
58 36.2 0.0 69.2



#14
Carbon disulfide
Concen: 22.094 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 103298
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

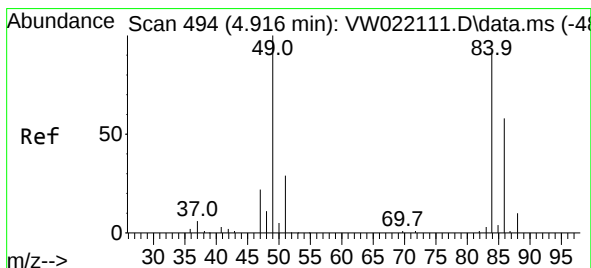
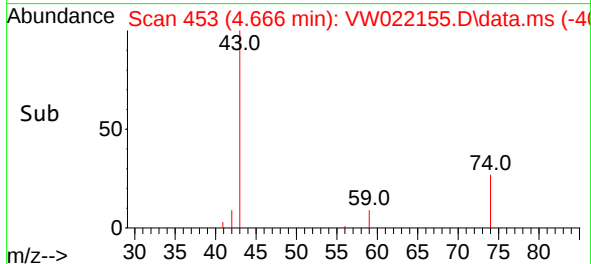
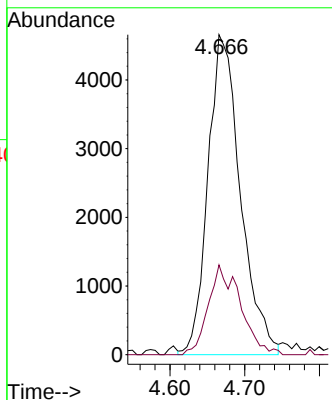
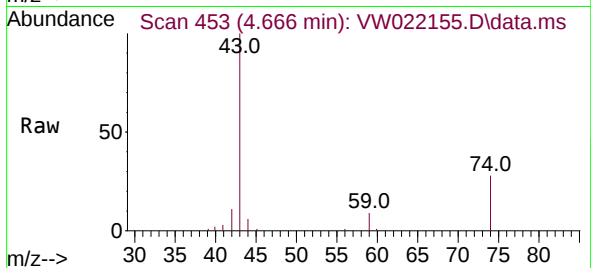




#15
Methyl Acetate
Concen: 20.002 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

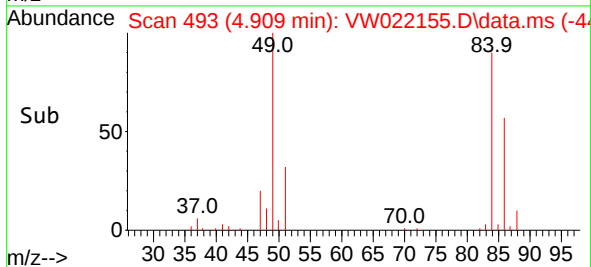
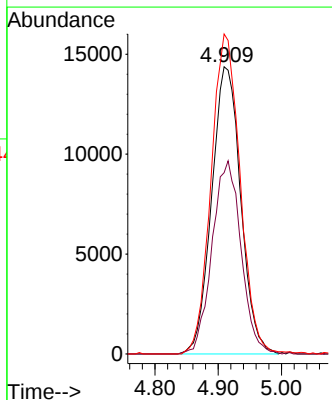
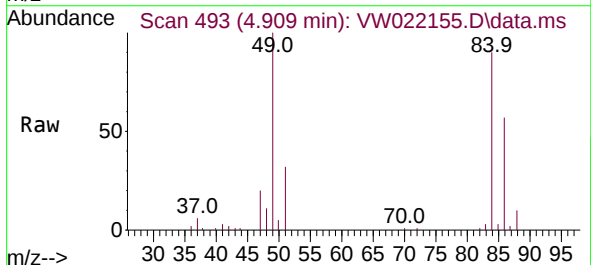
Instrument :
MSVOA_W
ClientSampleId :

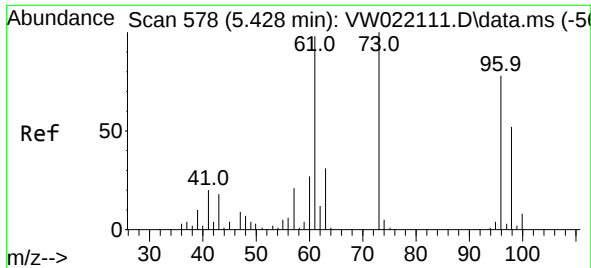
Tgt Ion: 43 Resp: 14080
Ion Ratio Lower Upper
43 100
74 16.5 23.0 34.6#



#16
Methylene chloride
Concen: 21.368 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion: 84 Resp: 45788
Ion Ratio Lower Upper
84 100
86 63.1 45.8 85.0
49 111.4 73.8 137.0

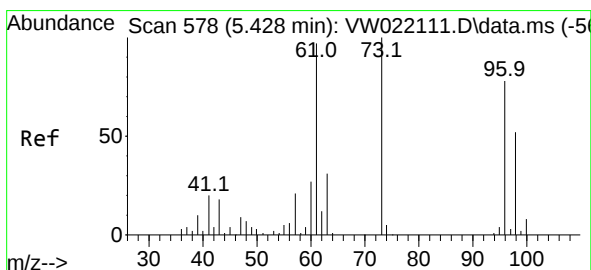
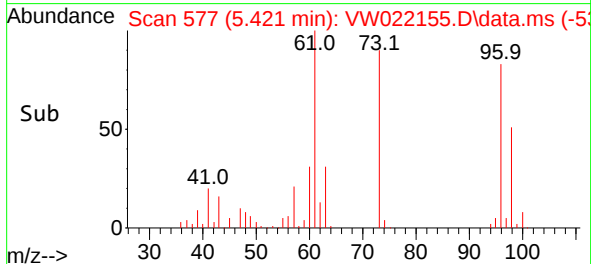
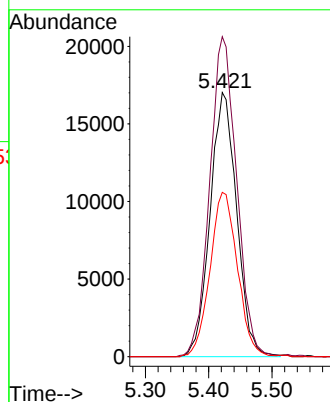
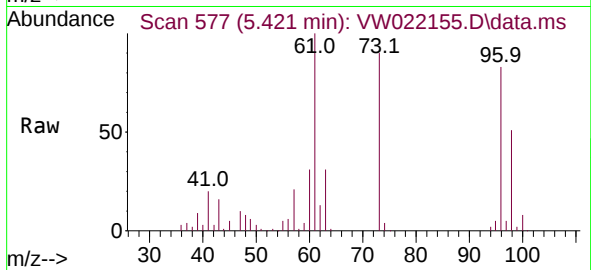




#17
trans-1,2-Dichloroethene
Concen: 25.068 ug/L
RT: 5.421 min Scan# 517
Delta R.T. -0.012 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

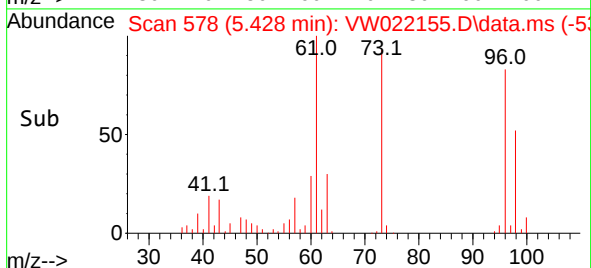
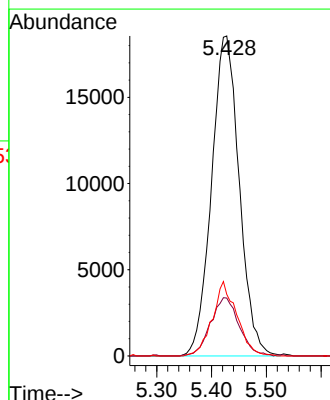
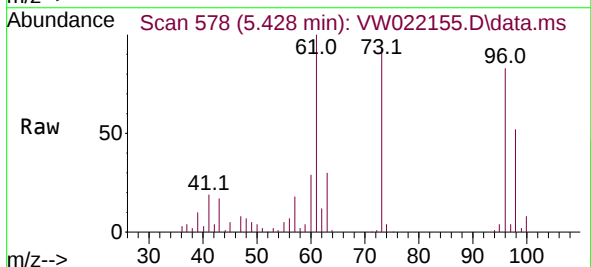
Instrument :
MSVOA_W
ClientSampleId :

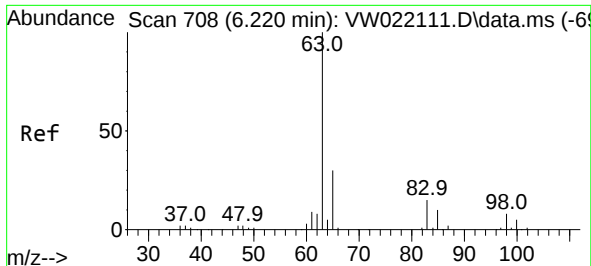
Tgt Ion: 96 Resp: 49653
Ion Ratio Lower Upper
96 100
61 121.1 87.3 162.1
98 62.2 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 24.203 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion: 73 Resp: 65221
Ion Ratio Lower Upper
73 100
43 18.7 15.4 23.2
57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.269 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.012 min

Lab File: VW022155.D

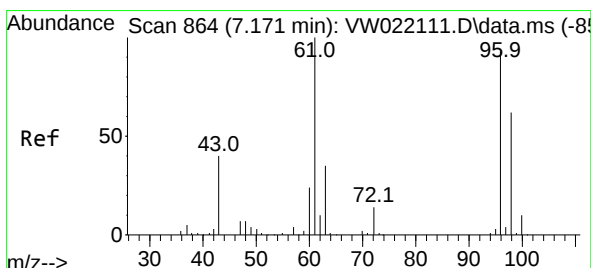
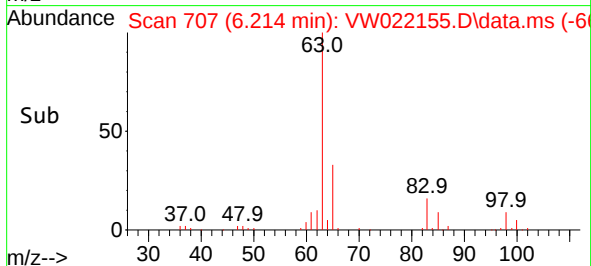
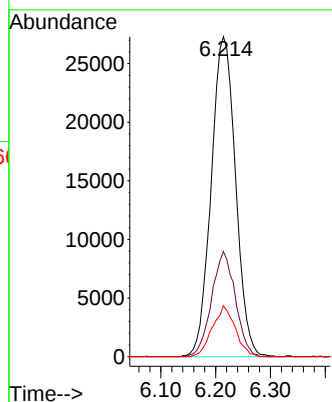
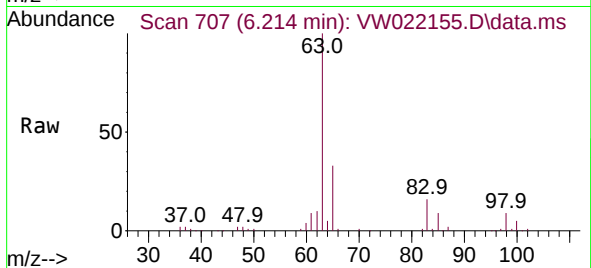
Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 84237
Ion Ratio	Lower Upper
63 100	
65 32.9	22.5 41.9
83 15.9	11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 25.292 ug/L

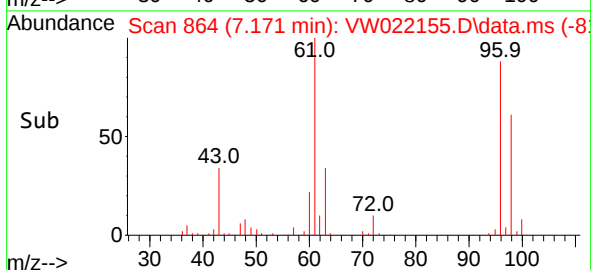
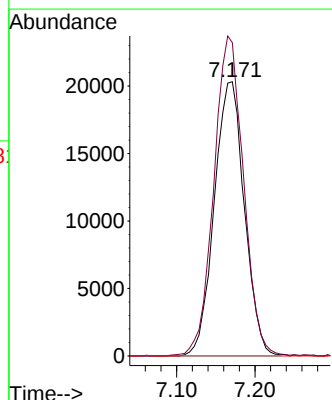
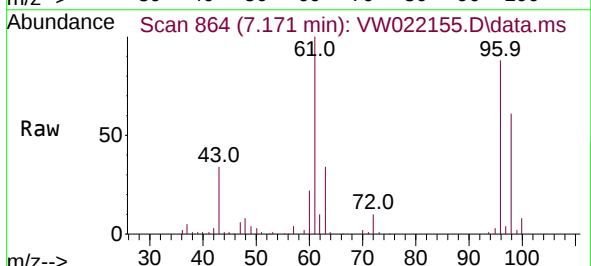
RT: 7.171 min Scan# 864

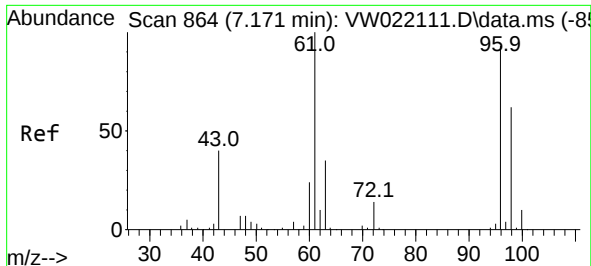
Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Tgt Ion: 96	Resp: 54269
Ion Ratio	Lower Upper
96 100	
61 114.3	76.8 142.6
68 0.0	0.0 0.0





#22

2-Butanone

Concen: 46.804 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.012 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

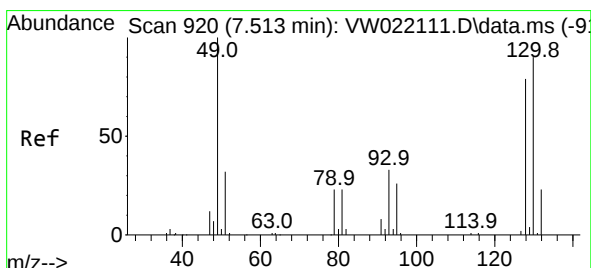
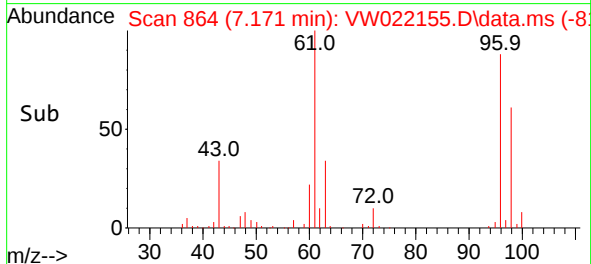
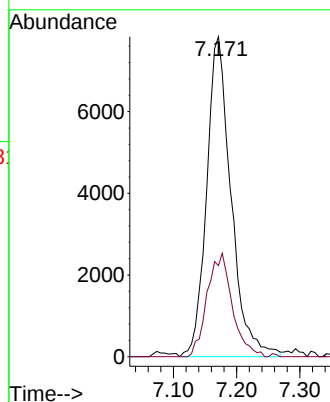
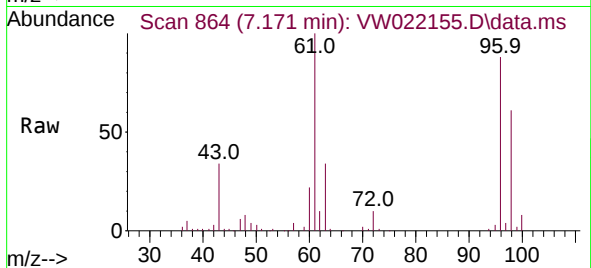
ClientSampleId :

Tgt Ion: 43 Resp: 21023

Ion Ratio Lower Upper

43 100

72 33.1 17.0 51.0



#23

Bromochloromethane

Concen: 24.261 ug/L

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Tgt Ion: 128 Resp: 25429

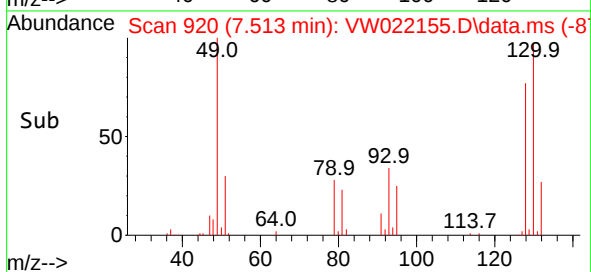
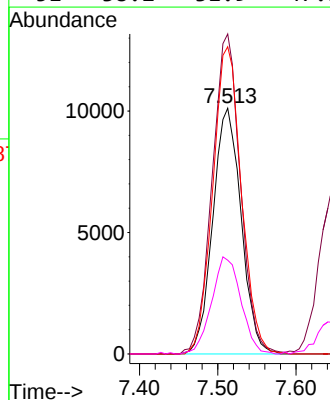
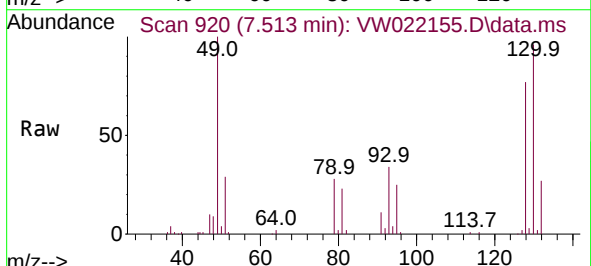
Ion Ratio Lower Upper

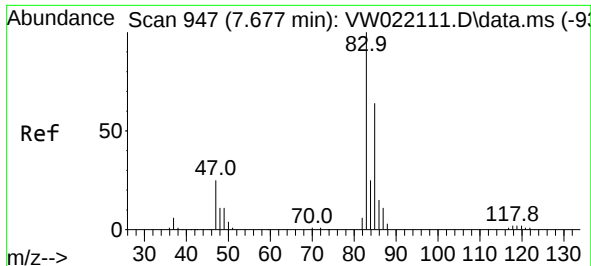
128 100

49 130.2 84.2 156.4

130 125.0 84.8 157.4

51 38.2 31.9 47.9

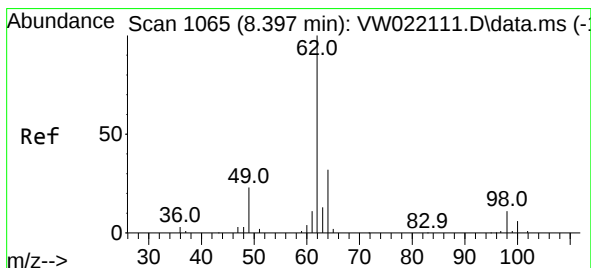
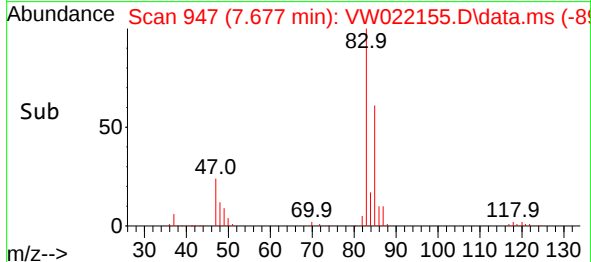
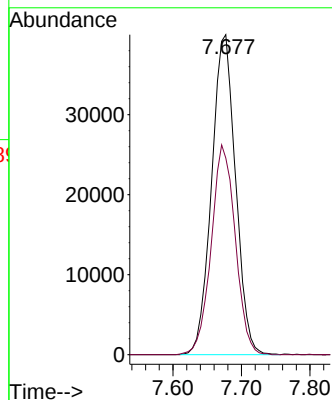
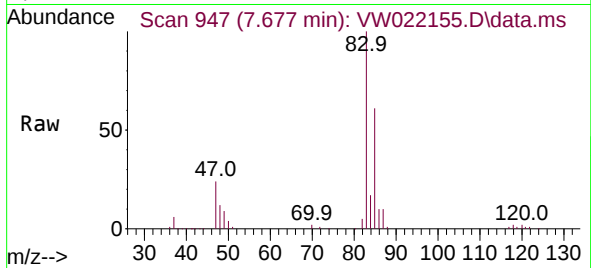




#25
Chloroform
Concen: 25.972 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

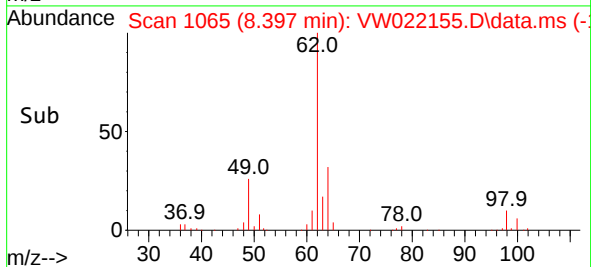
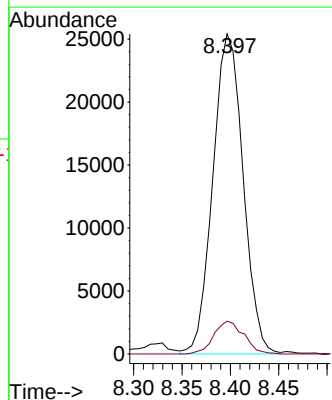
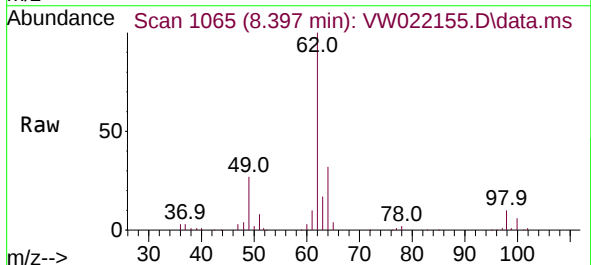
Instrument :
MSVOA_W
ClientSampleId :

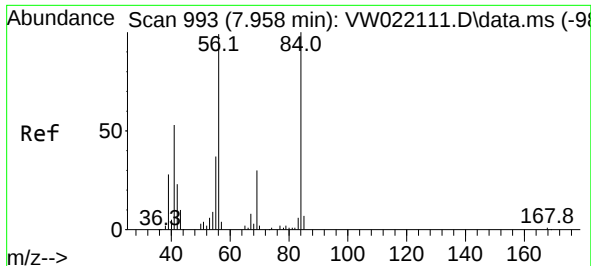
Tgt Ion: 83 Resp: 97173
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 23.998 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion: 62 Resp: 55303
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9





#29

Cyclohexane

Concen: 26.552 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

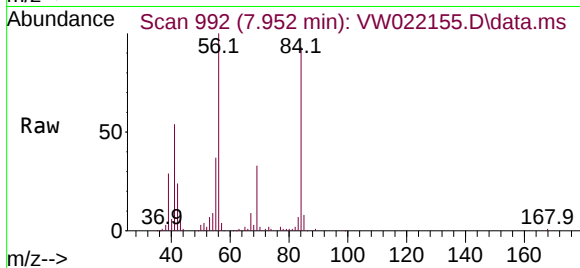
Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :



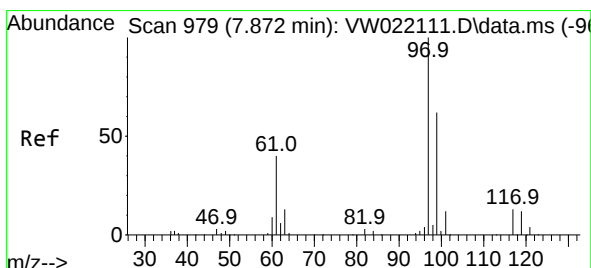
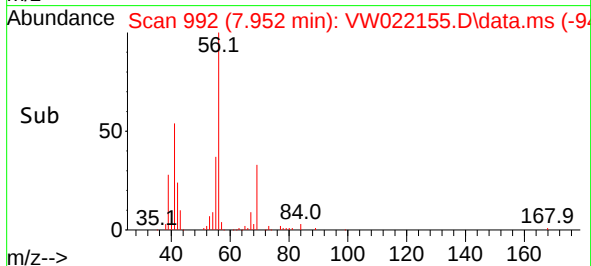
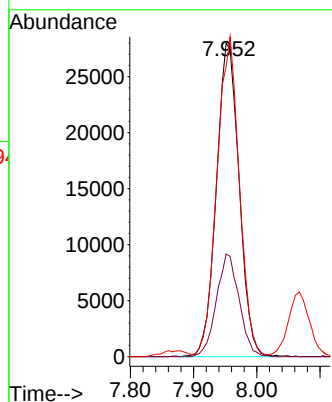
Tgt Ion: 56 Resp: 69924

Ion Ratio Lower Upper

56 100

69 32.7 26.3 39.5

84 100.5 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 27.335 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.012 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

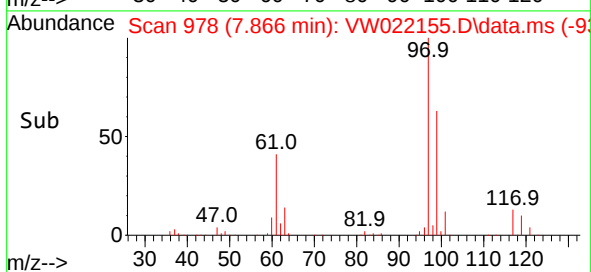
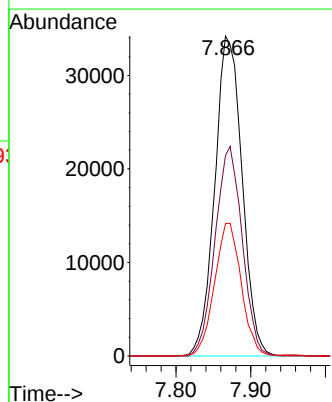
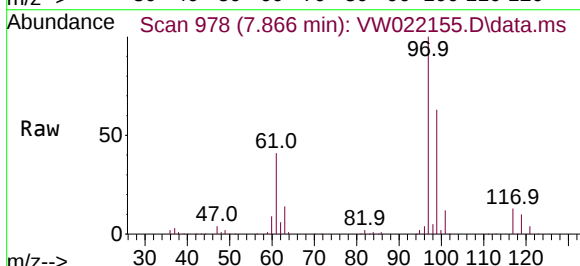
Tgt Ion: 97 Resp: 87024

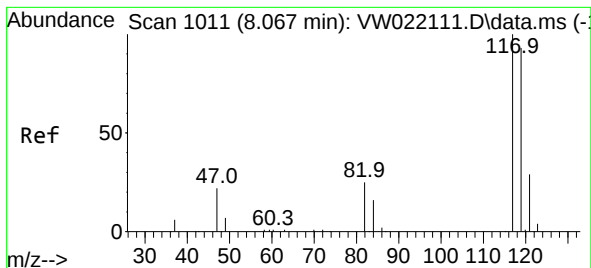
Ion Ratio Lower Upper

97 100

99 65.0 52.6 78.8

61 40.6 33.0 49.6

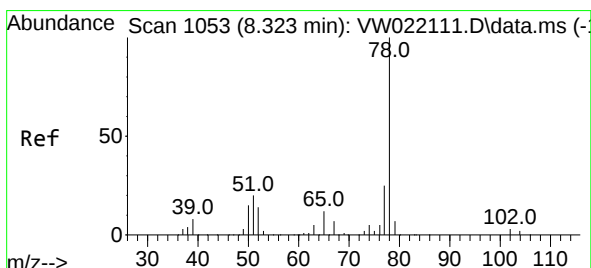
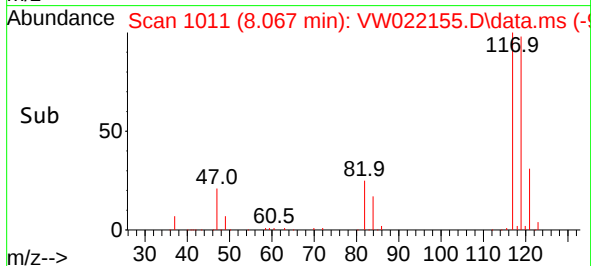
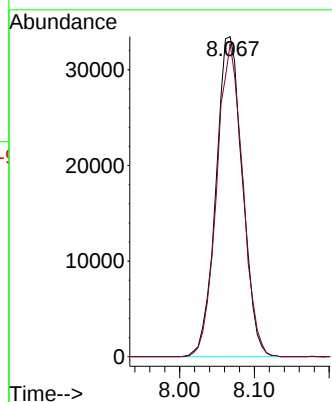
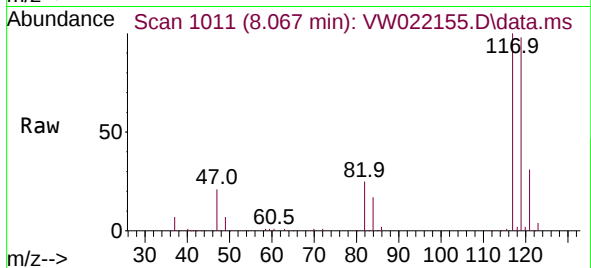




#31
Carbon tetrachloride
Concen: 27.212 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

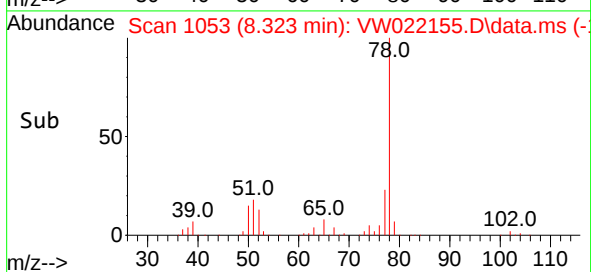
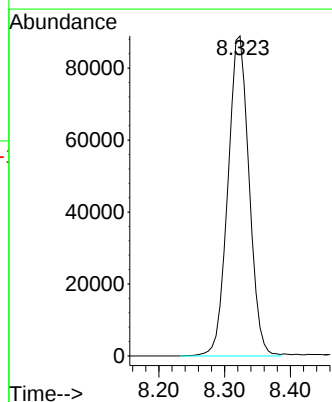
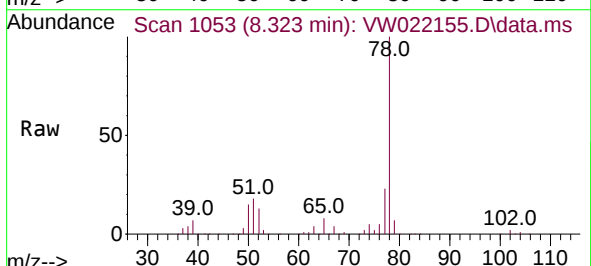
Instrument :
MSVOA_W
ClientSampleId :

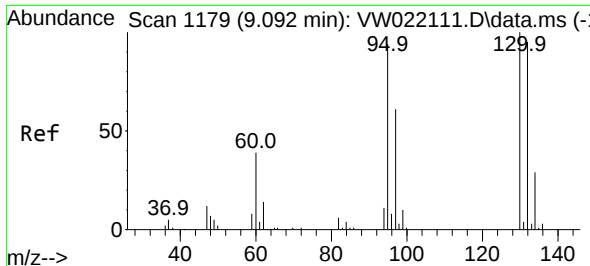
Tgt Ion:117 Resp: 82337
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 26.094 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

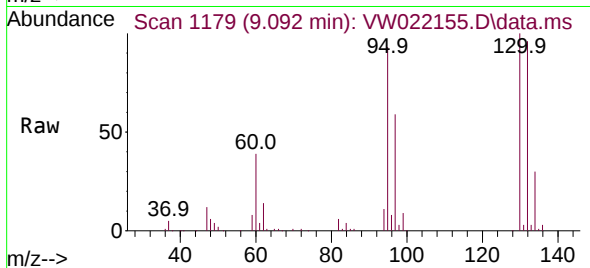
Tgt Ion: 78 Resp: 199638





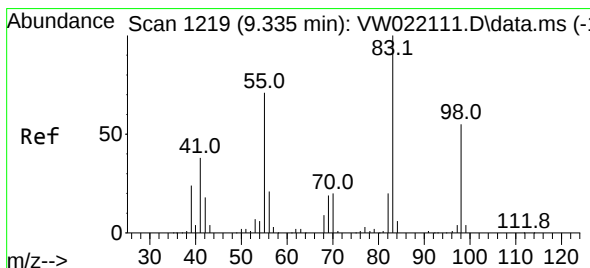
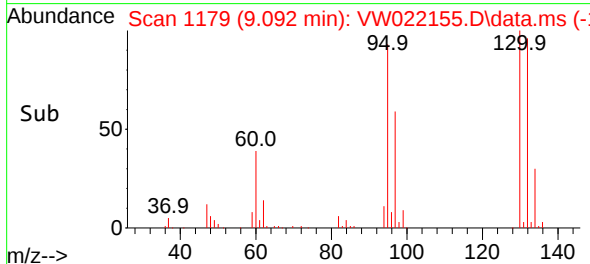
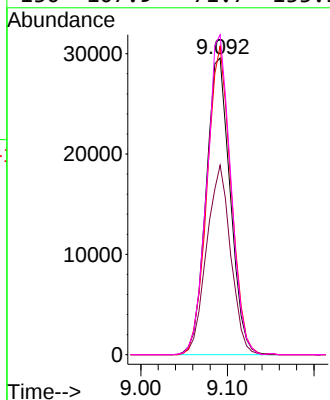
#34
Trichloroethene
Concen: 26.208 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 57409

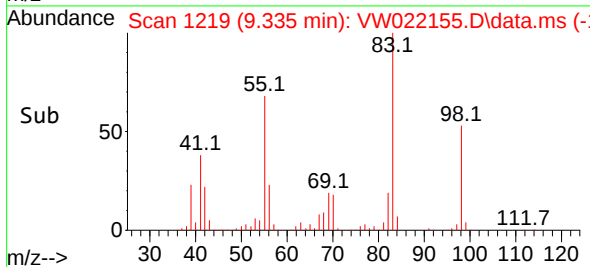
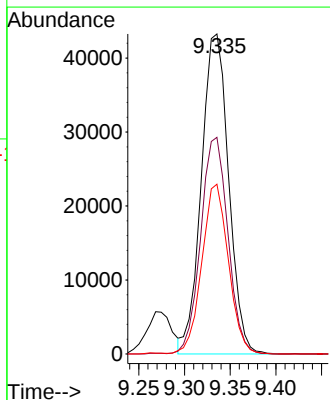
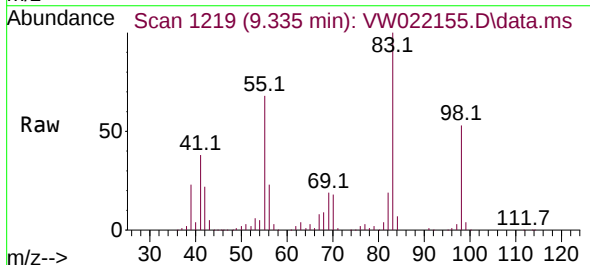
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.4	82.4
132	104.1	71.7	133.1
130	107.9	71.7	133.1

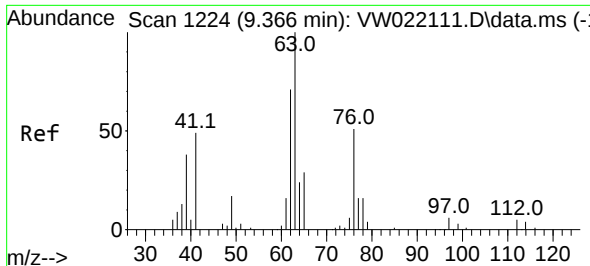


#35
Methylcyclohexane
Concen: 26.596 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion: 83 Resp: 90113

Ion	Ratio	Lower	Upper
83	100		
55	67.5	53.8	80.8
98	51.6	42.1	63.1





#37

1,2-Dichloropropane

Concen: 26.087 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

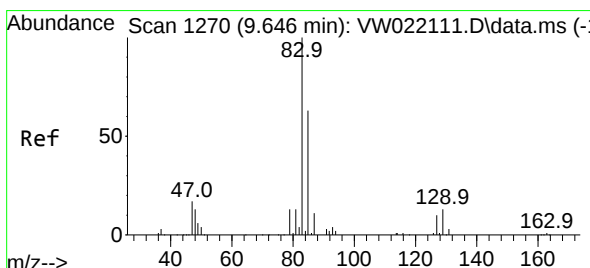
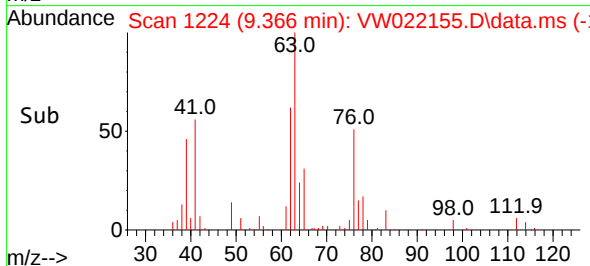
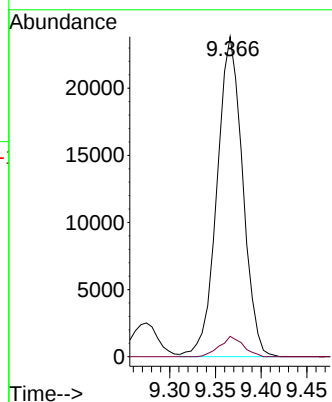
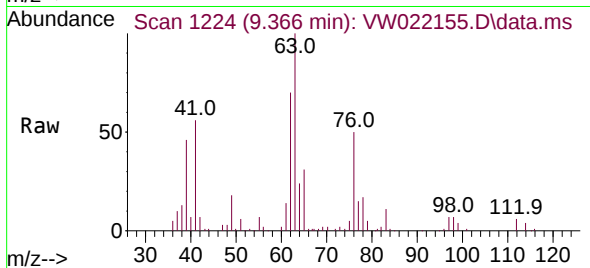
ClientSampleId :

Tgt Ion: 63 Resp: 46560

Ion Ratio Lower Upper

63 100

112 5.8 4.1 6.1



#38

Bromodichloromethane

Concen: 26.564 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

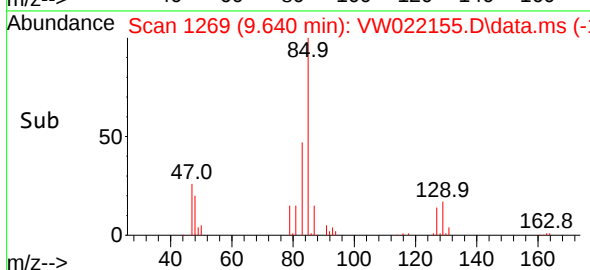
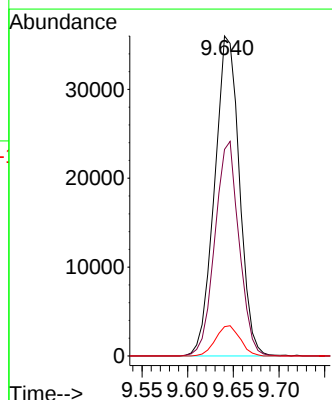
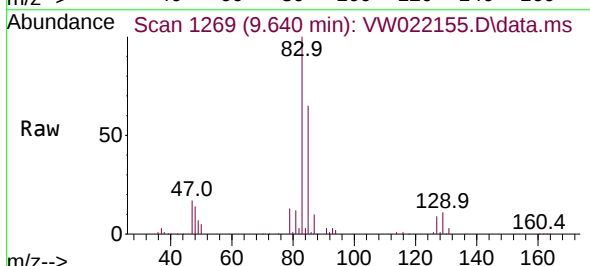
Tgt Ion: 83 Resp: 67991

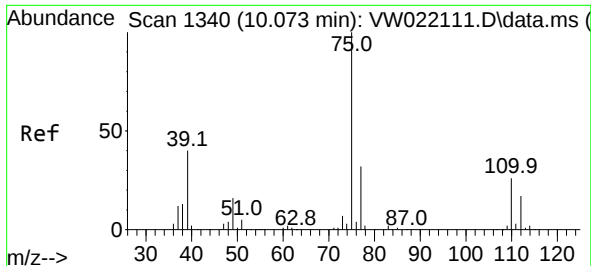
Ion Ratio Lower Upper

83 100

85 64.5 47.9 89.1

127 9.2 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 26.682 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

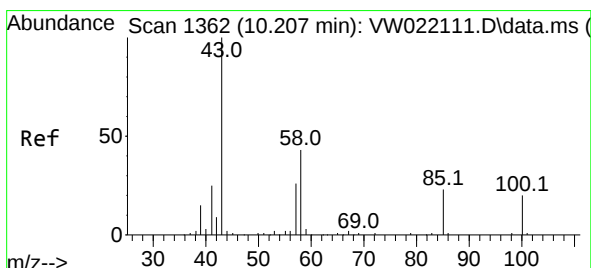
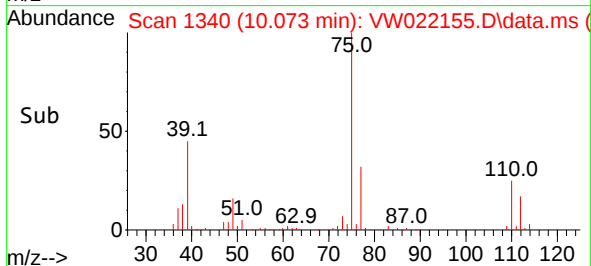
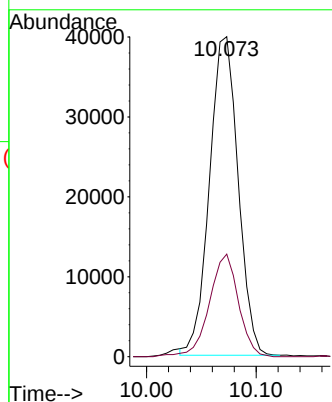
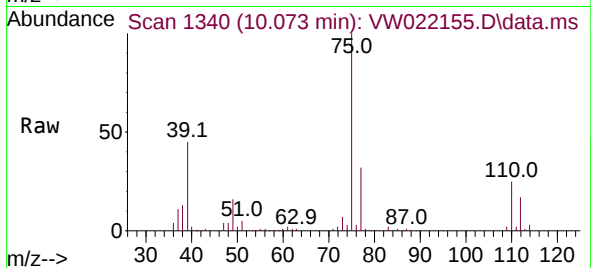
ClientSampleId :

Tgt Ion: 75 Resp: 72390

Ion Ratio Lower Upper

75 100

77 32.0 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 43.464 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

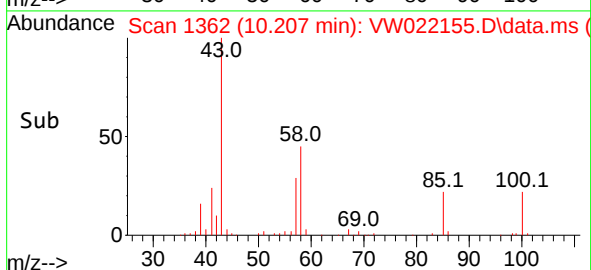
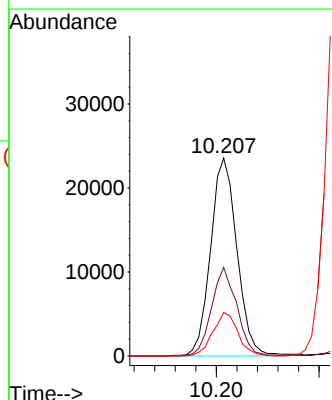
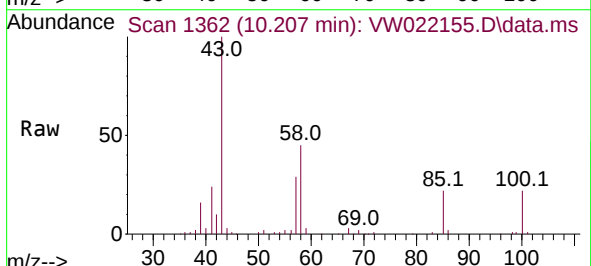
Tgt Ion: 43 Resp: 41893

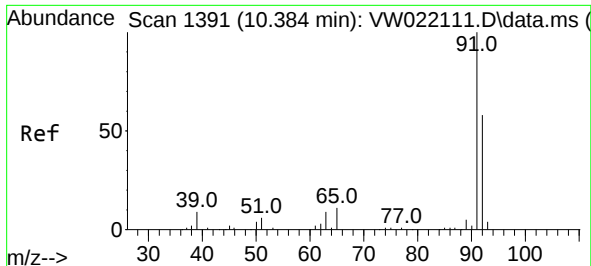
Ion Ratio Lower Upper

43 100

58 42.9 33.2 49.8

100 20.9 16.1 24.1

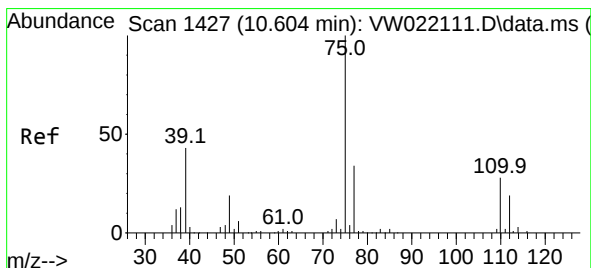
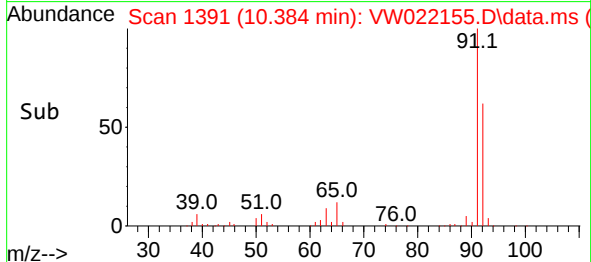
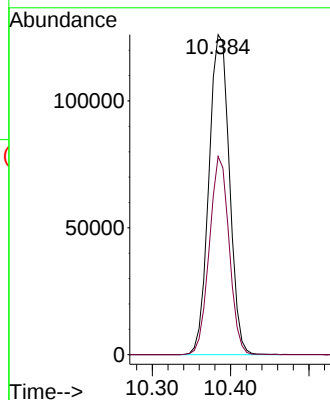
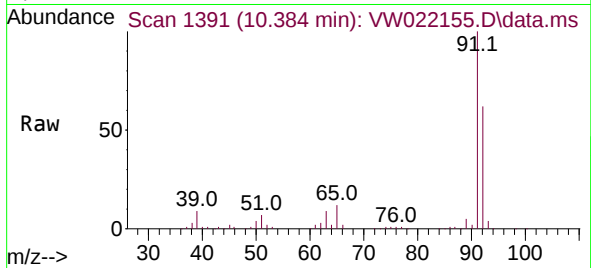




#42
Toluene
Concen: 26.518 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

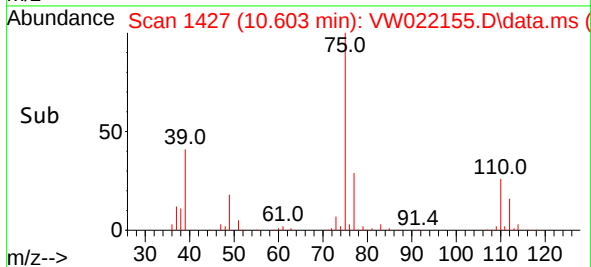
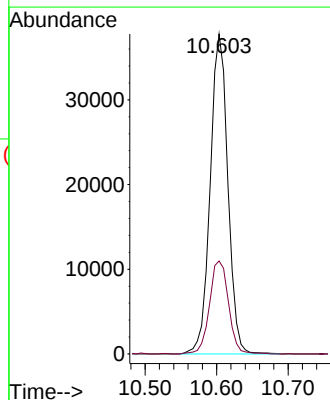
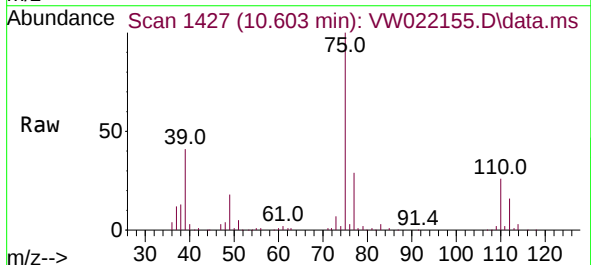
Instrument :
MSVOA_W
ClientSampleId :

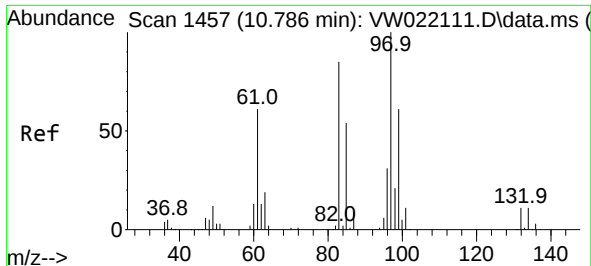
Tgt Ion: 91 Resp: 229620
Ion Ratio Lower Upper
91 100
92 61.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 26.565 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion: 75 Resp: 64766
Ion Ratio Lower Upper
75 100
77 29.1 22.0 40.8

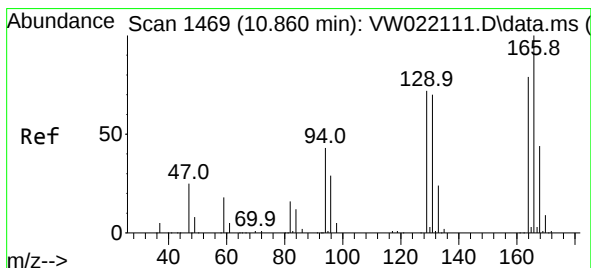
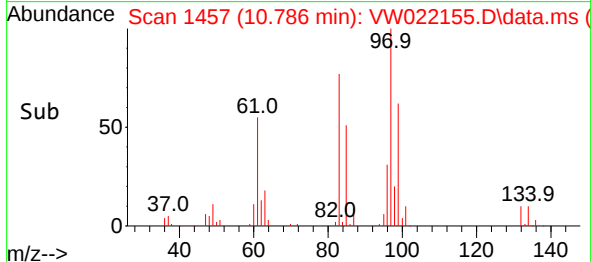
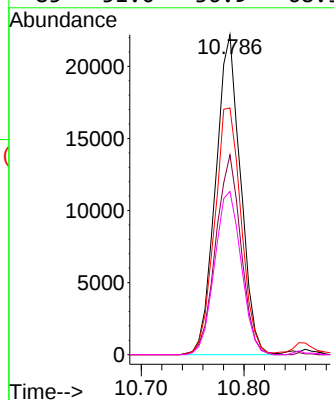
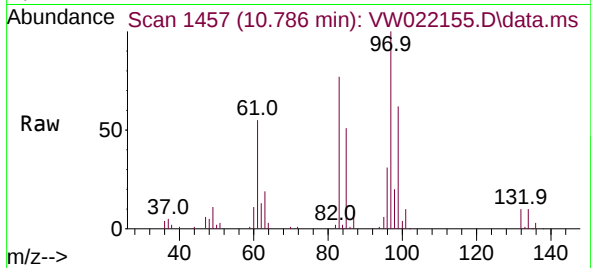




#45
1,1,2-Trichloroethane
Concen: 23.650 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

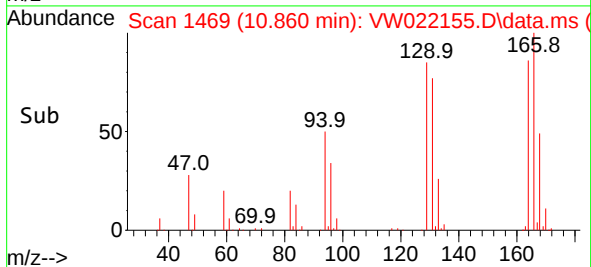
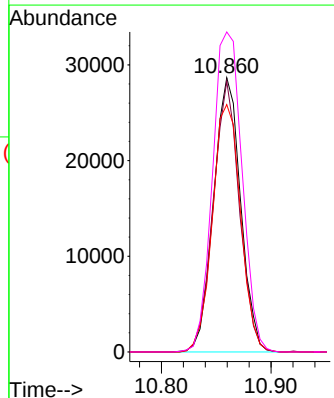
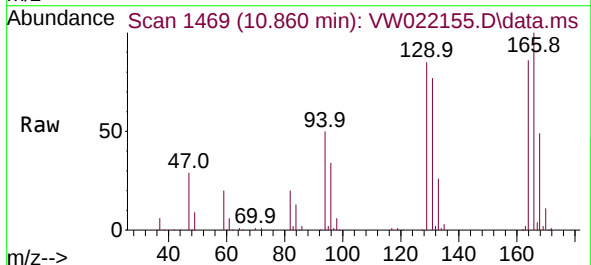
Instrument :
MSVOA_W
ClientSampleId :

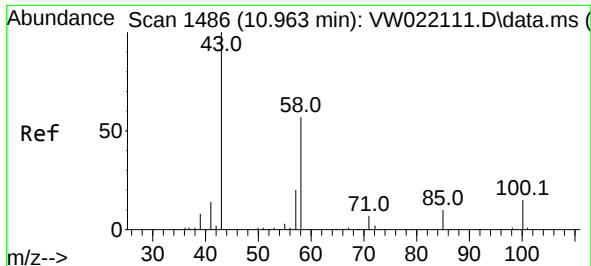
Tgt Ion:	97	Resp:	37430
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.5	80.7
83	77.1	53.5	99.3
85	51.0	36.9	68.5



#46
Tetrachloroethene
Concen: 25.588 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion:	164	Resp:	49101
Ion	Ratio	Lower	Upper
164	100		
129	98.7	60.3	111.9
131	90.2	59.9	111.3
166	116.7	77.0	143.0

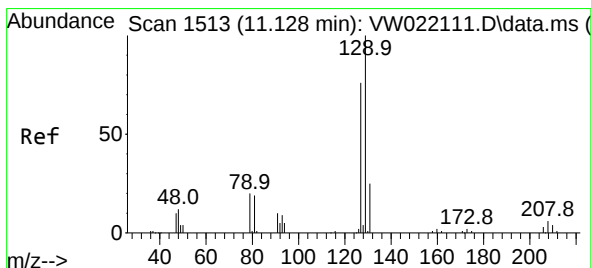
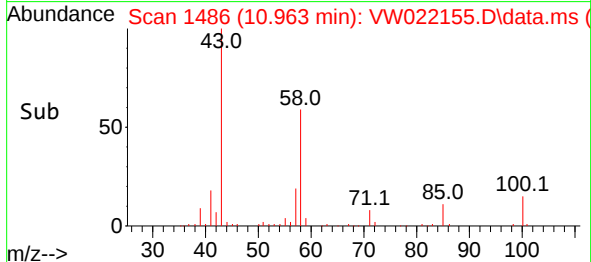
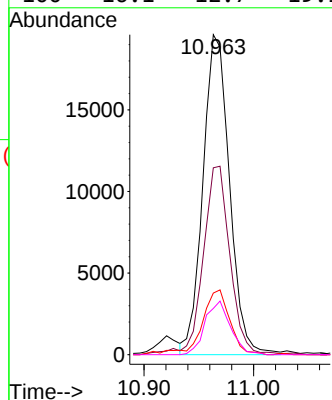
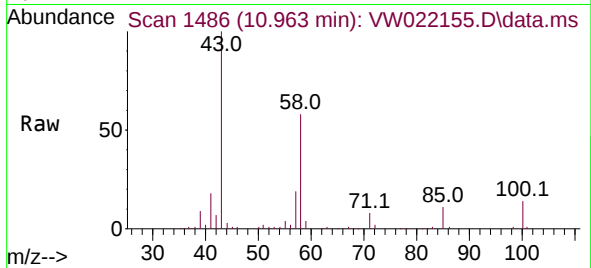




#48
2-Hexanone
Concen: 49.437 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

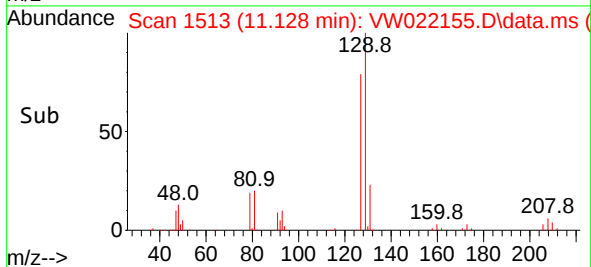
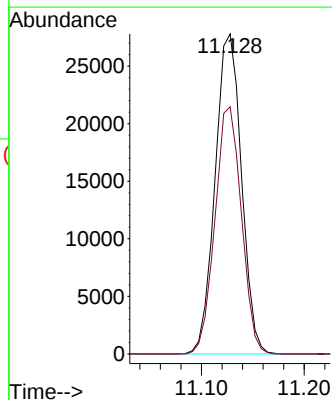
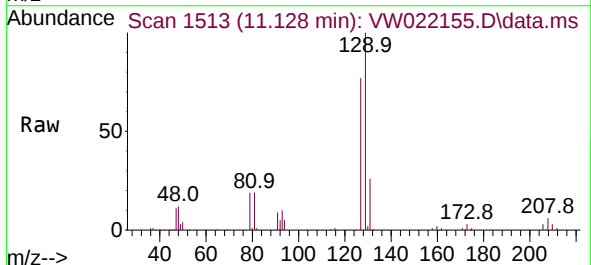
Instrument :
MSVOA_W
ClientSampleId :

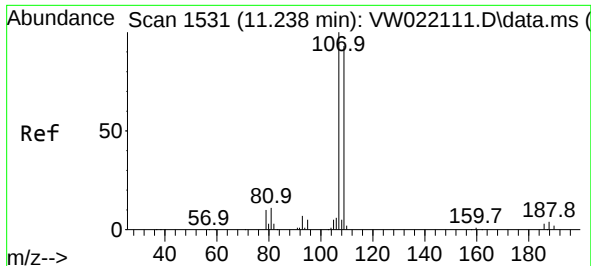
Tgt Ion: 43	Resp: 33072
Ion Ratio	Lower Upper
43 100	
58 57.7	44.6 66.8
57 19.8	15.8 23.8
100 16.1	12.7 19.1



#49
Dibromochloromethane
Concen: 25.767 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion:129	Resp:	49536	
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.5	101.1





#50

1,2-Dibromoethane

Concen: 22.843 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

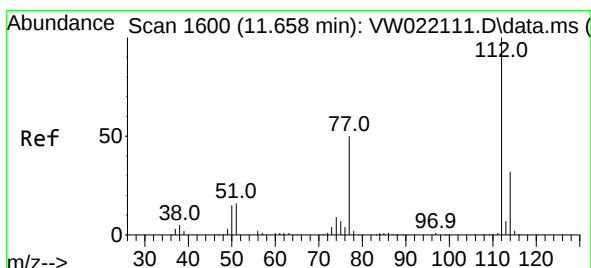
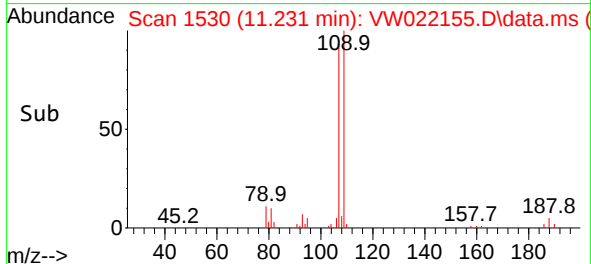
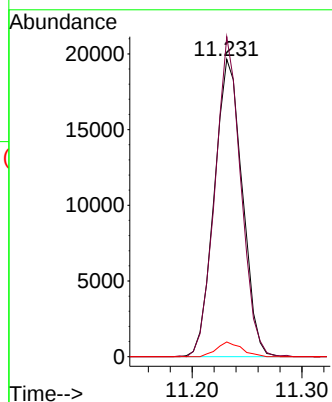
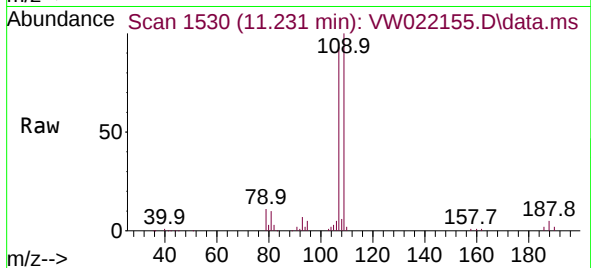
Tgt Ion:107 Resp: 34871

Ion Ratio Lower Upper

107 100

109 107.6 66.8 124.2

188 4.9 2.6 4.0#



#51

Chlorobenzene

Concen: 25.861 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

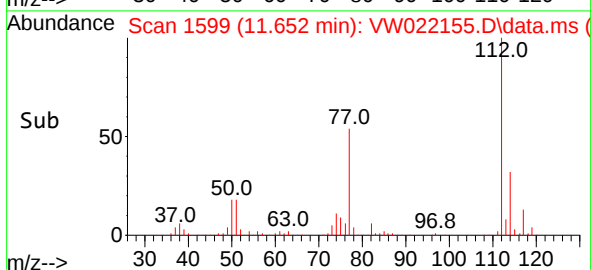
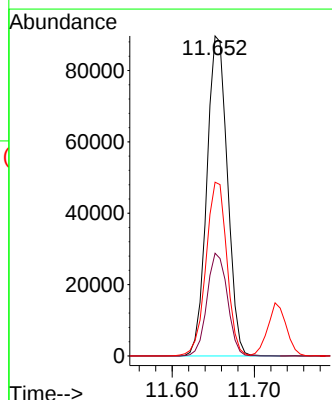
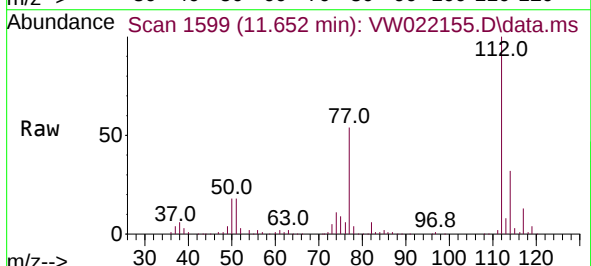
Tgt Ion:112 Resp: 155844

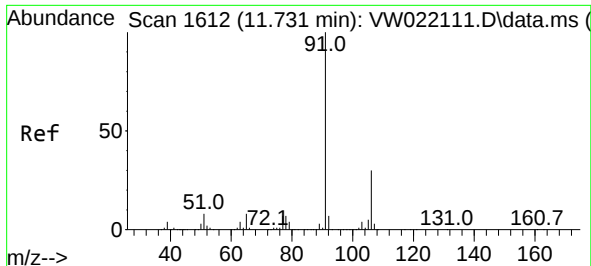
Ion Ratio Lower Upper

112 100

114 32.1 23.0 42.8

77 54.3 41.8 62.6

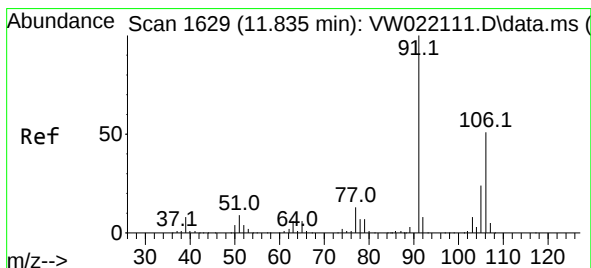
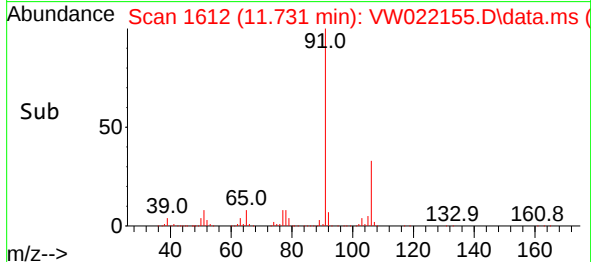
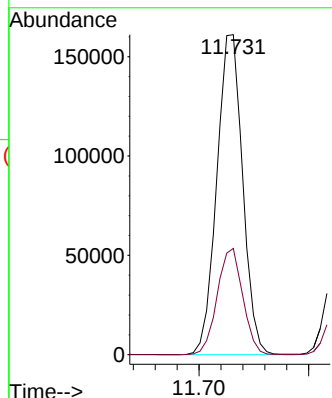
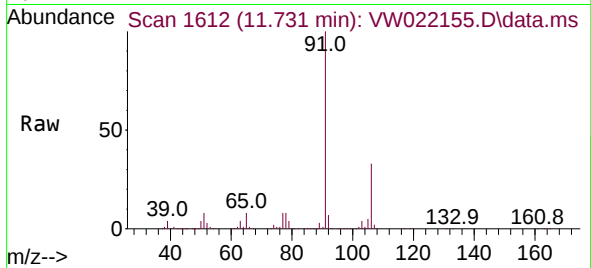




#52
Ethylbenzene
Concen: 27.568 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

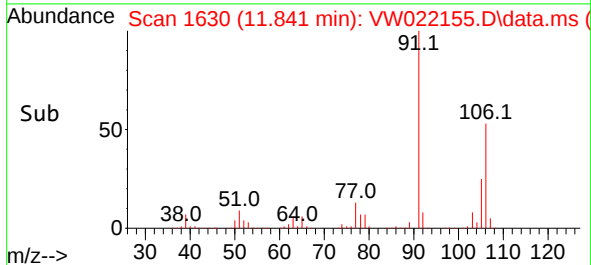
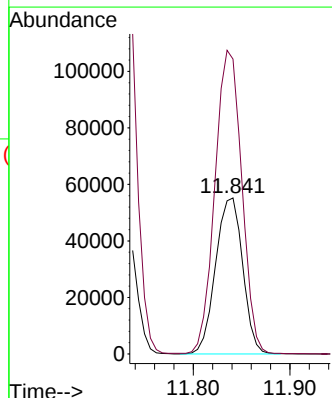
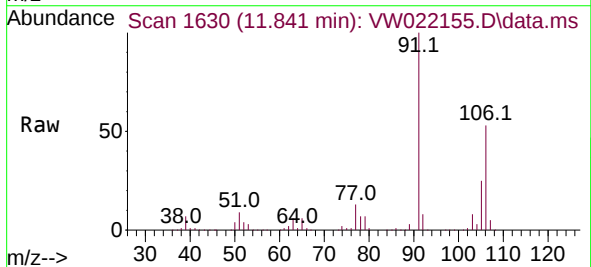
Instrument :
MSVOA_W
ClientSampleId :

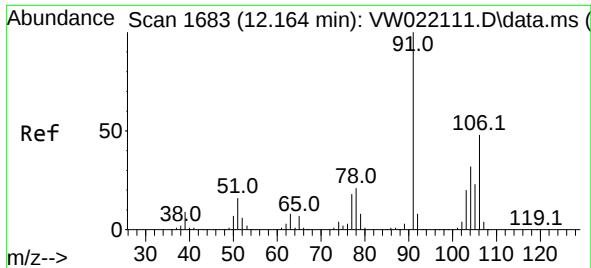
Tgt Ion: 91 Resp: 264190
Ion Ratio Lower Upper
91 100
106 33.2 22.8 42.4



#53
m,p-Xylene
Concen: 27.222 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion:106 Resp: 107343
Ion Ratio Lower Upper
106 100
91 189.0 135.0 250.8

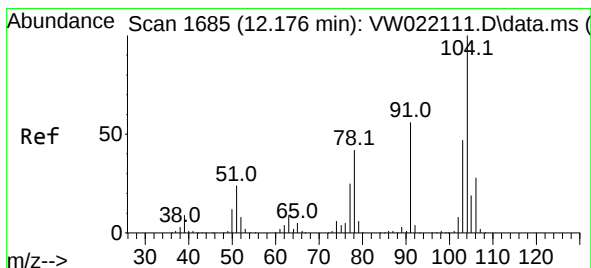
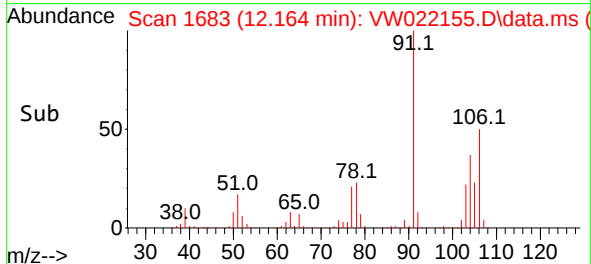
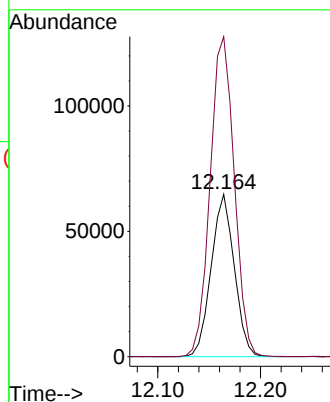
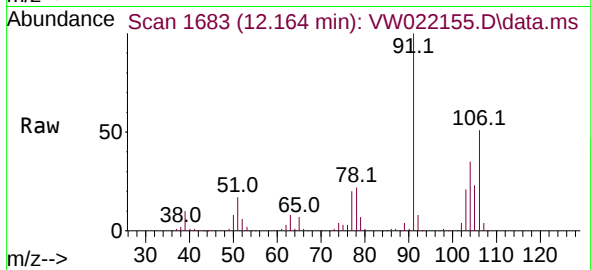




#54
o-Xylene
Concen: 27.287 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

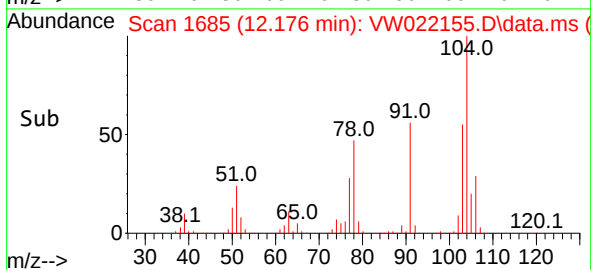
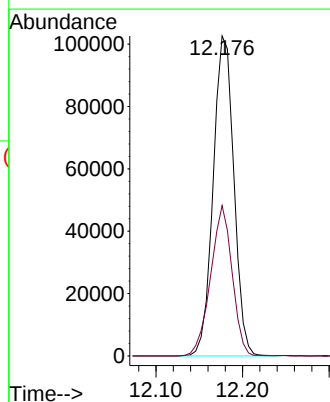
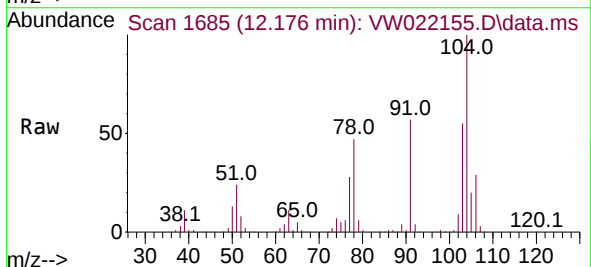
Instrument :
MSVOA_W
ClientSampleId :

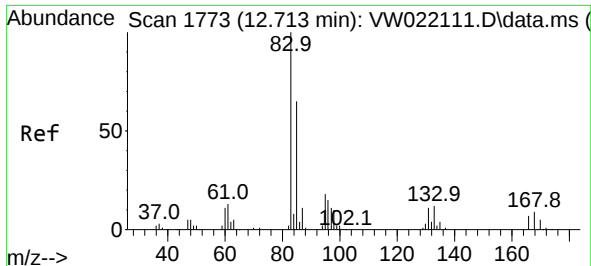
Tgt Ion:106 Resp: 101243
Ion Ratio Lower Upper
106 100
91 197.1 136.9 254.3



#55
Styrene
Concen: 27.386 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion:104 Resp: 170343
Ion Ratio Lower Upper
104 100
78 47.0 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.905 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022155.D

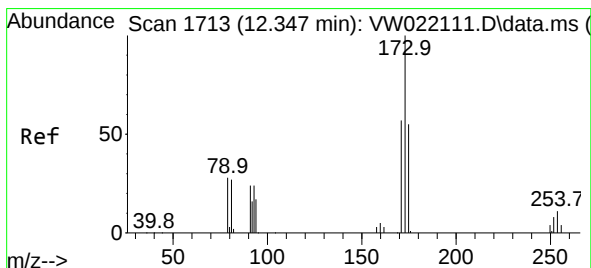
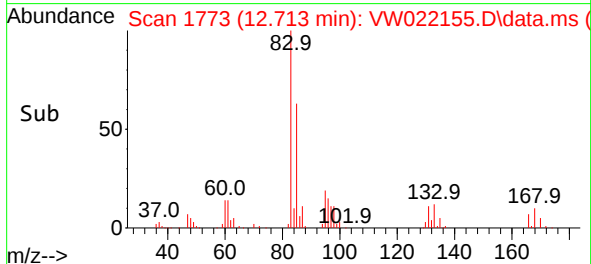
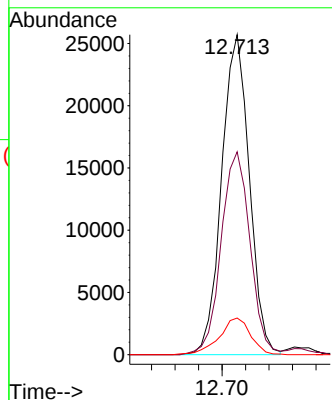
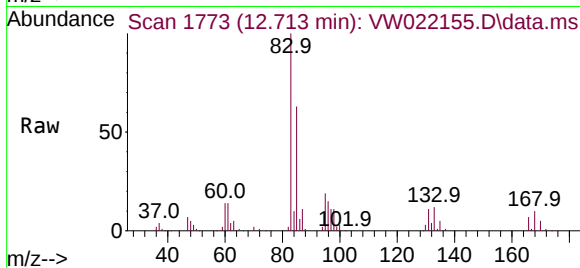
Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	42062
Ion Ratio	Lower	Upper	
83	100		
85	63.4	44.2	82.0
131	11.4	9.4	14.0



#59

Bromoform

Concen: 22.465 ug/L

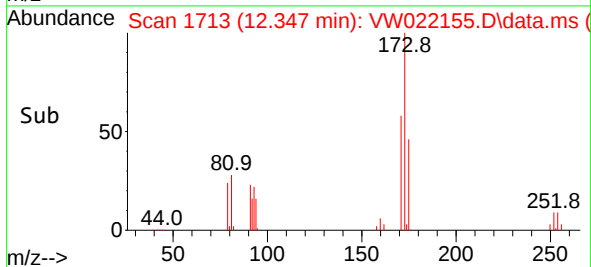
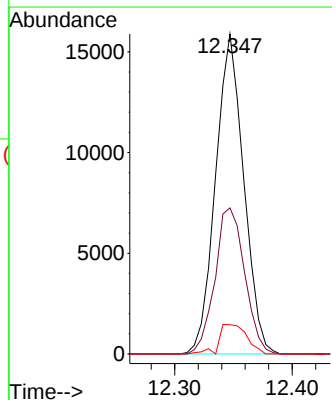
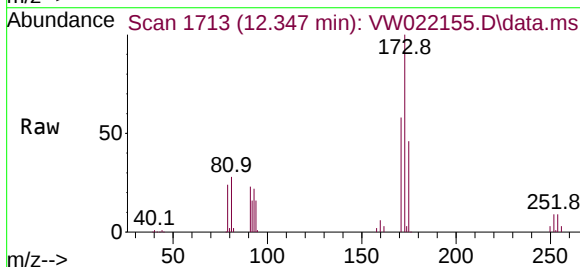
RT: 12.347 min Scan# 1713

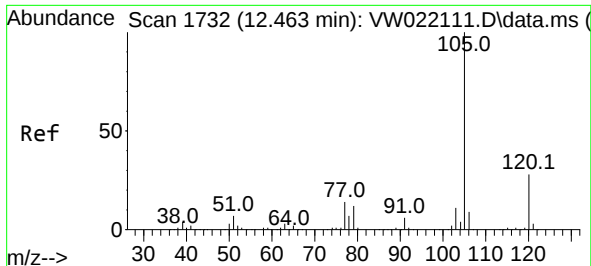
Delta R.T. -0.006 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Tgt Ion:	173	Resp:	26428
Ion Ratio	Lower	Upper	
173	100		
175	48.2	38.2	57.4
254	8.5	5.0	7.6#

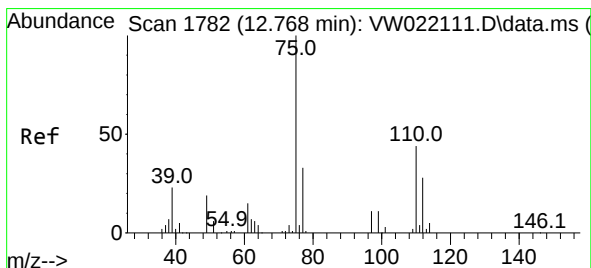
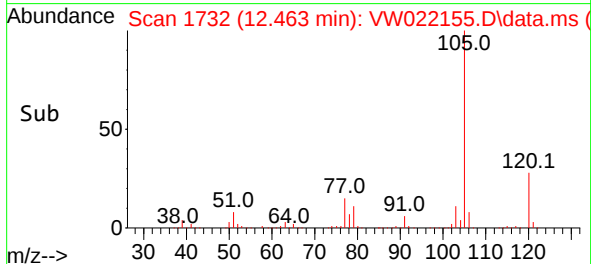
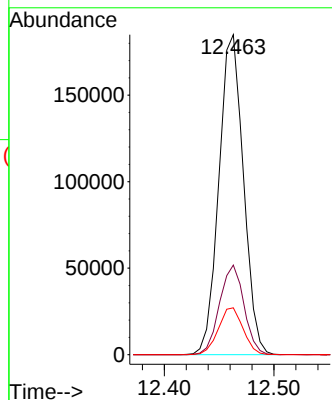
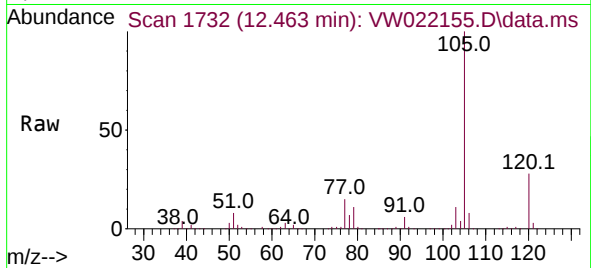




#60
Isopropylbenzene
Concen: 26.946 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

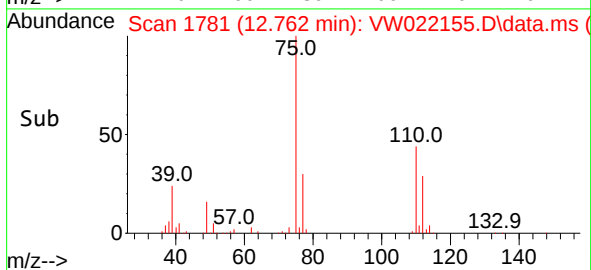
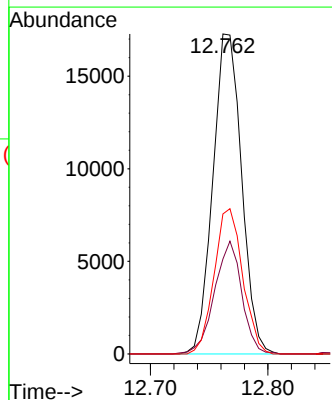
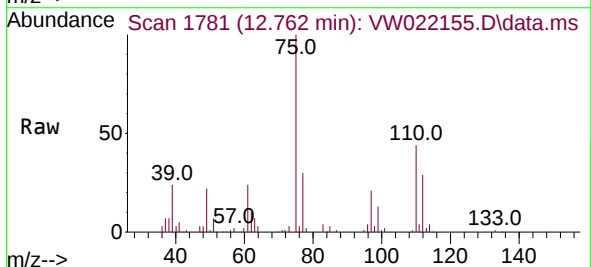
Instrument :
MSVOA_W
ClientSampleId :

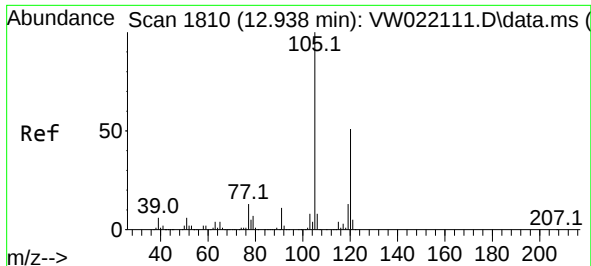
Tgt Ion:105 Resp: 287748
Ion Ratio Lower Upper
105 100
120 27.9 22.1 33.1
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 20.937 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion: 75 Resp: 29396
Ion Ratio Lower Upper
75 100
77 33.4 27.1 40.7
110 45.1 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 27.373 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

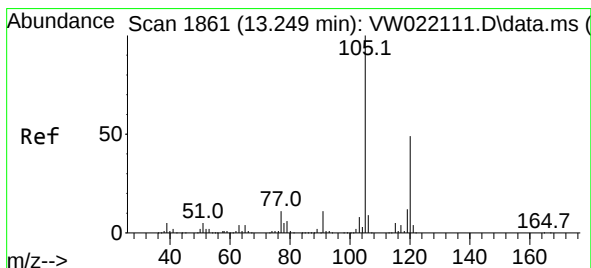
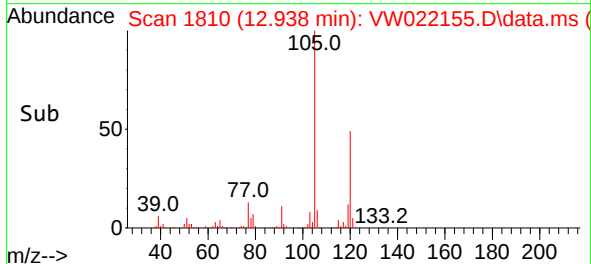
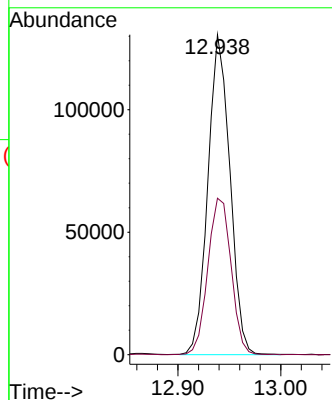
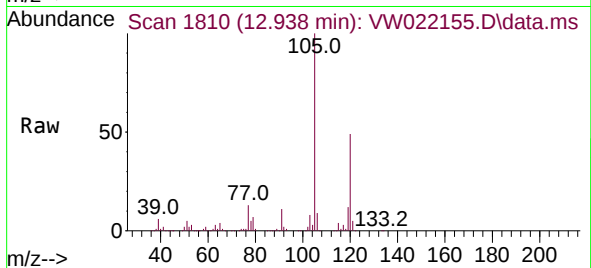
ClientSampleId :

Tgt Ion:105 Resp: 194376

Ion Ratio Lower Upper

105 100

120 51.6 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 27.098 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022155.D

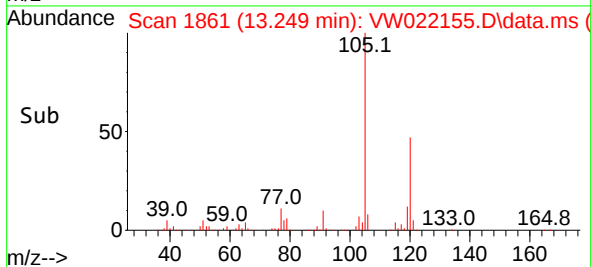
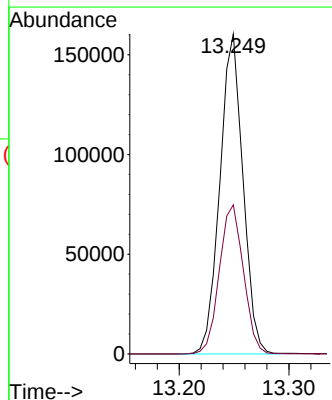
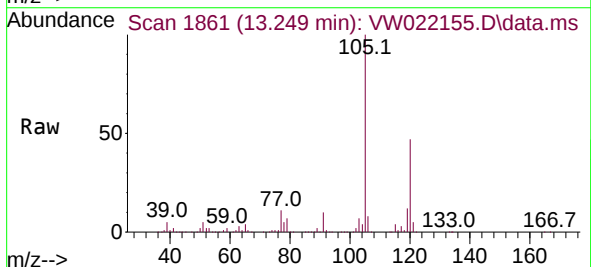
Acq: 03 Mar 2022 08:40

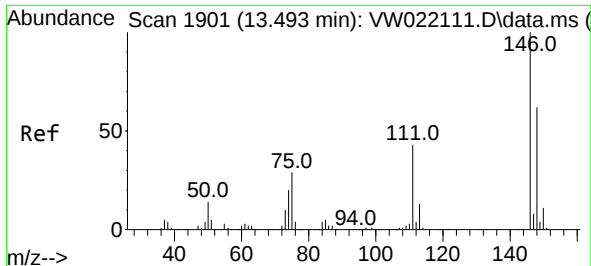
Tgt Ion:105 Resp: 235168

Ion Ratio Lower Upper

105 100

120 48.6 39.2 58.8

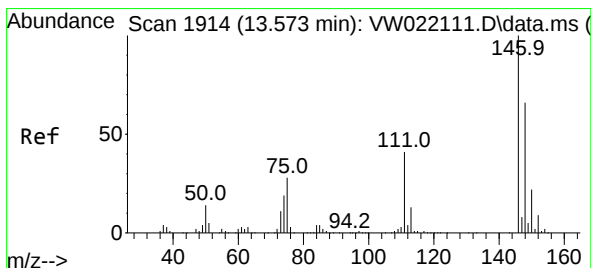
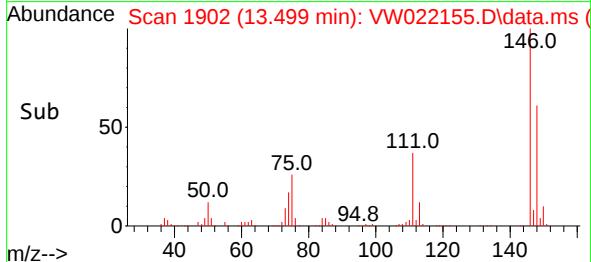
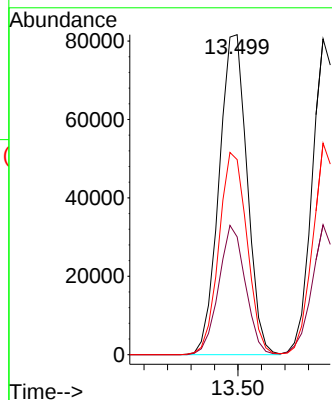
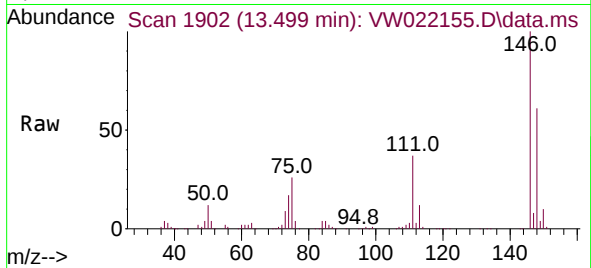




#64
1,3-Dichlorobenzene
Concen: 25.554 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

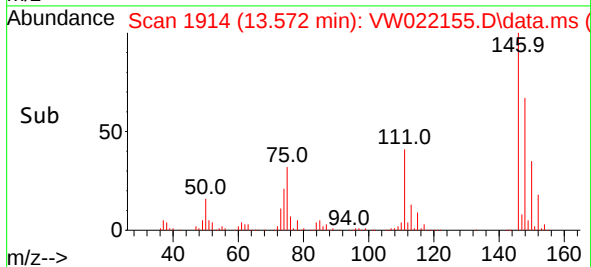
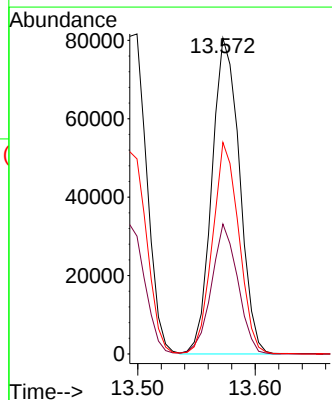
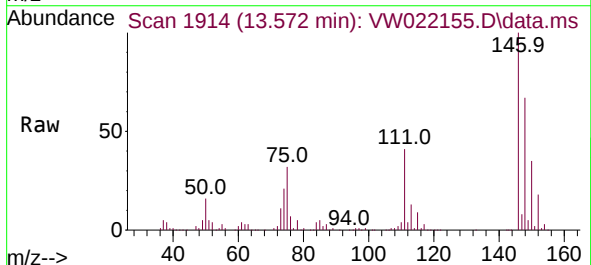
Instrument :
MSVOA_W
ClientSampleId :

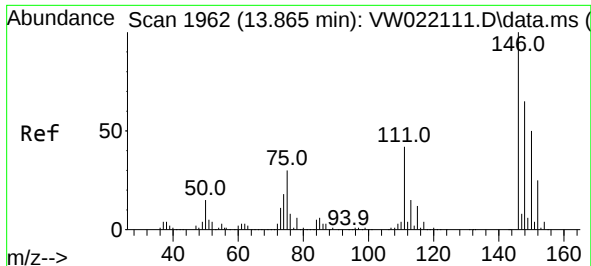
Tgt Ion:146 Resp: 135371
Ion Ratio Lower Upper
146 100
111 36.8 26.9 49.9
148 60.9 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.804 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022155.D
Acq: 03 Mar 2022 08:40

Tgt Ion:146 Resp: 131676
Ion Ratio Lower Upper
146 100
111 41.1 27.5 51.1
148 66.9 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.122 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

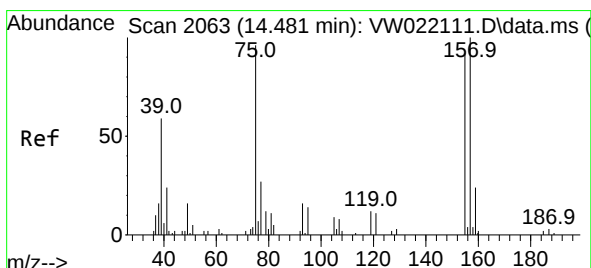
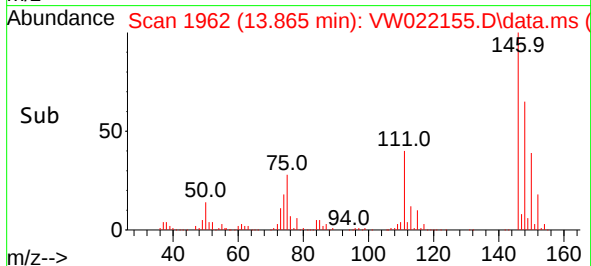
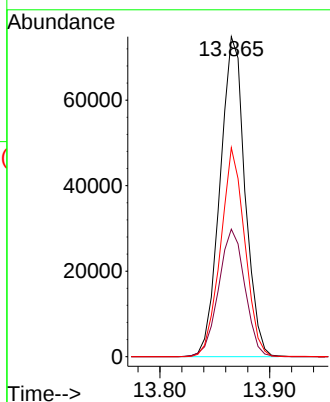
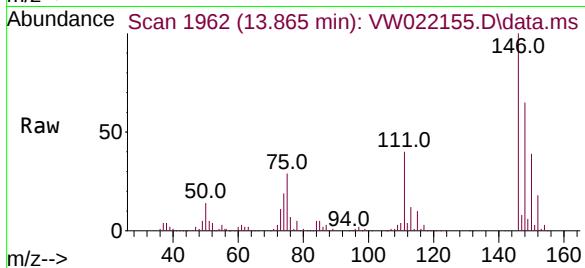
Tgt Ion:146 Resp: 118323

Ion Ratio Lower Upper

146 100

111 39.8 34.8 52.2

148 65.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.992 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

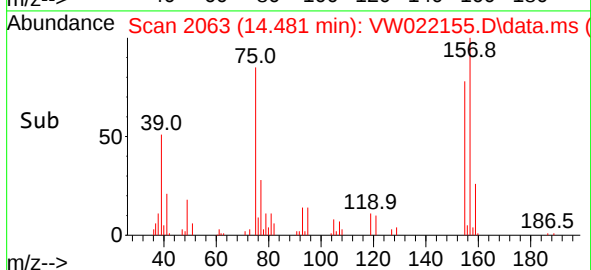
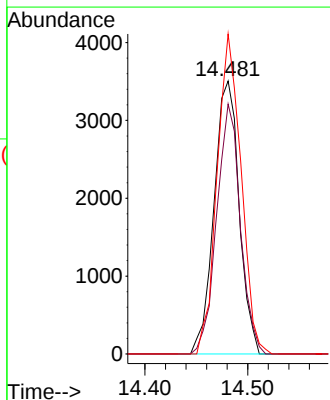
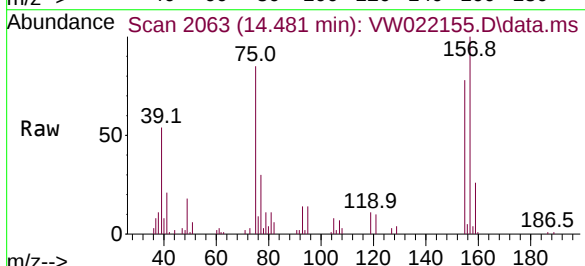
Tgt Ion: 75 Resp: 5934

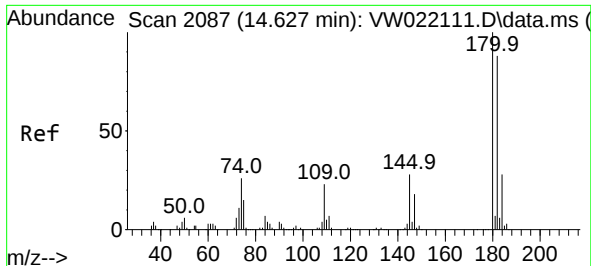
Ion Ratio Lower Upper

75 100

155 91.6 58.2 87.2#

157 117.3 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 24.860 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

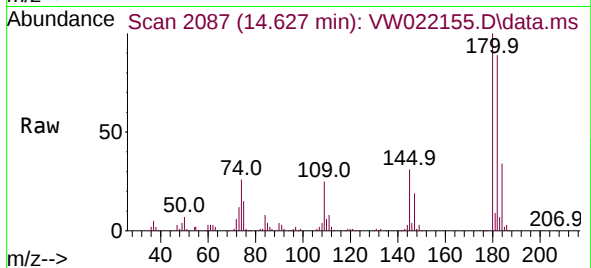
Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 94523

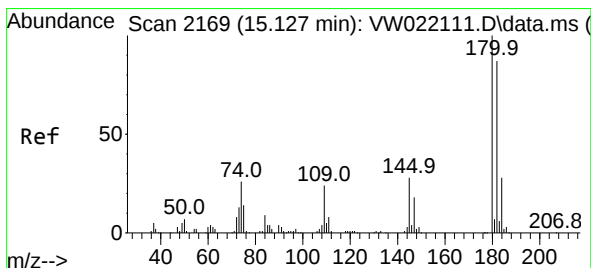
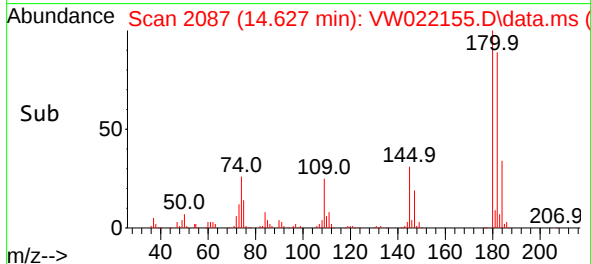
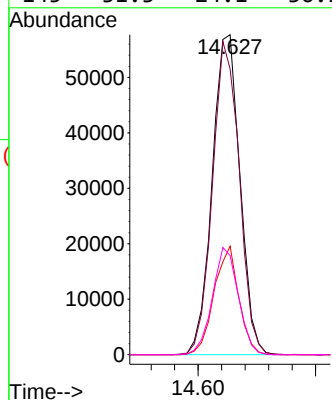
Ion Ratio Lower Upper

180 100

182 94.5 69.4 104.0

184 30.2 21.8 32.8

145 31.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 25.169 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

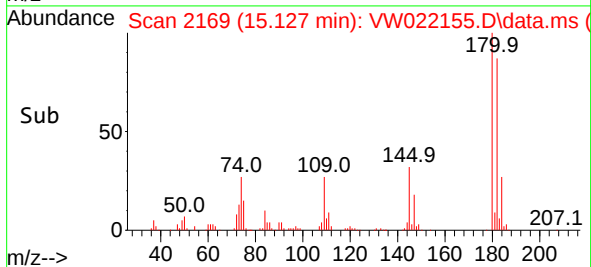
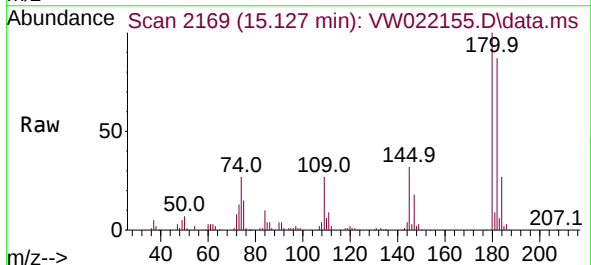
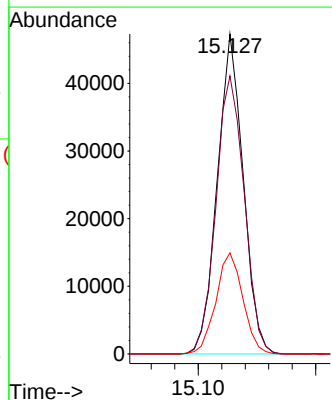
Tgt Ion:180 Resp: 72408

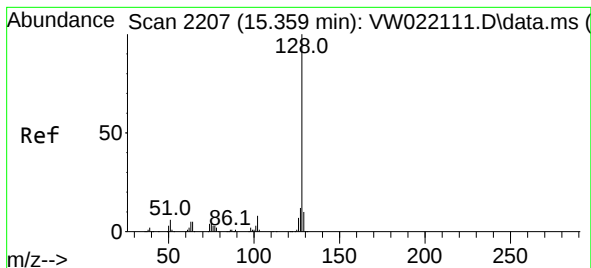
Ion Ratio Lower Upper

180 100

182 94.7 77.8 116.6

145 32.9 25.8 38.6





#71

Naphthalene

Concen: 22.977 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

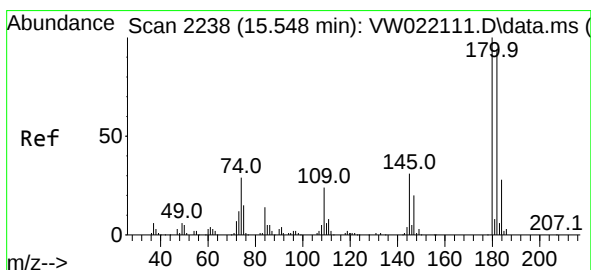
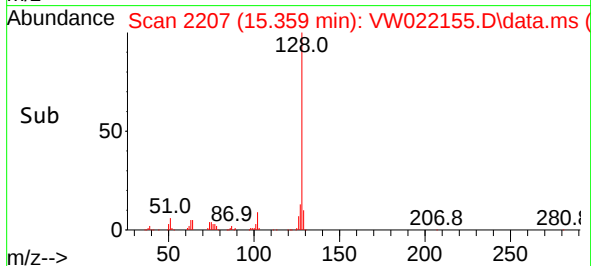
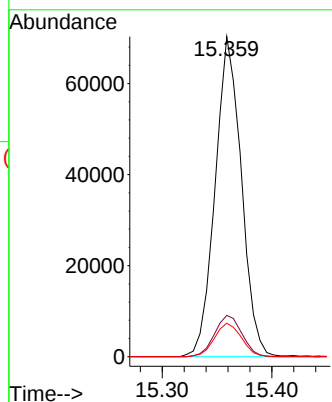
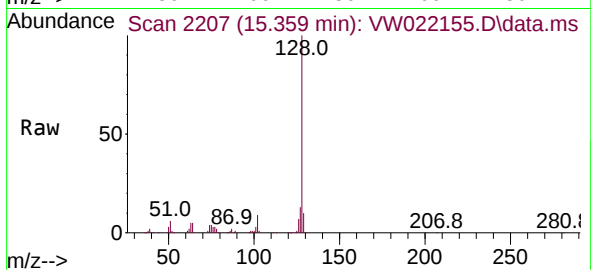
Tgt Ion:128 Resp: 116695

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.865 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022155.D

Acq: 03 Mar 2022 08:40

Tgt Ion:180 Resp: 61874

Ion Ratio Lower Upper

180 100

182 95.9 79.0 118.4

145 33.5 28.0 42.0

