

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022164.D
 Acq On : 03 Mar 2022 15:24
 Operator : SY/VA
 Sample : N1733-12MSD
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 04 00:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	185870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	170686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	49423	20.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
7) Chloroethane-d5	2.879	69	42620	22.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	4.013	63	73853	19.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.560%
21) 2-Butanone-d5	7.086	46	20106	49.326	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.660%
24) Chloroform-d	7.647	84	98143	23.666	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.680%
26) 1,2-Dichloroethane-d4	8.305	65	48936	22.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	8.275	84	181020	22.788	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.160%
36) 1,2-Dichloropropane-d6	9.274	67	51620	23.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.323	98	173996	22.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.120%
43) trans-1,3-Dichloroprop...	10.579	79	22565	23.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.920	63	19466	53.650	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	49337	25.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	70662	22.942	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11378	21.904	ug/L	94
3) Chloromethane	2.209	50	40870	22.960	ug/L	98
5) Vinyl chloride	2.355	62	58051	21.705	ug/L	100
6) Bromomethane	2.776	94	46457	24.871	ug/L	91
8) Chloroethane	2.916	64	32348	21.530	ug/L	99
9) Trichlorofluoromethane	3.251	101	35457	19.527	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	47657	21.512	ug/L	97
12) 1,1-Dichloroethene	4.031	96	41516	21.623	ug/L	89
13) Acetone	4.141	43	16918	50.817	ug/L	95
14) Carbon disulfide	4.379	76	90980	18.277	ug/L	100
16) Methylene chloride	4.909	84	46123	20.216	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	45521	21.585	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	66075	23.029	ug/L	# 89
19) 1,1-Dichloroethane	6.214	63	77933	22.826	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	53186	23.281	ug/L	94
22) 2-Butanone	7.177	43	22389	46.816	ug/L	100
23) Bromochloromethane	7.512	128	25239	22.616	ug/L	93
25) Chloroform	7.677	83	91946	23.081	ug/L	96
27) 1,2-Dichloroethane	8.396	62	54409	22.175	ug/L	97

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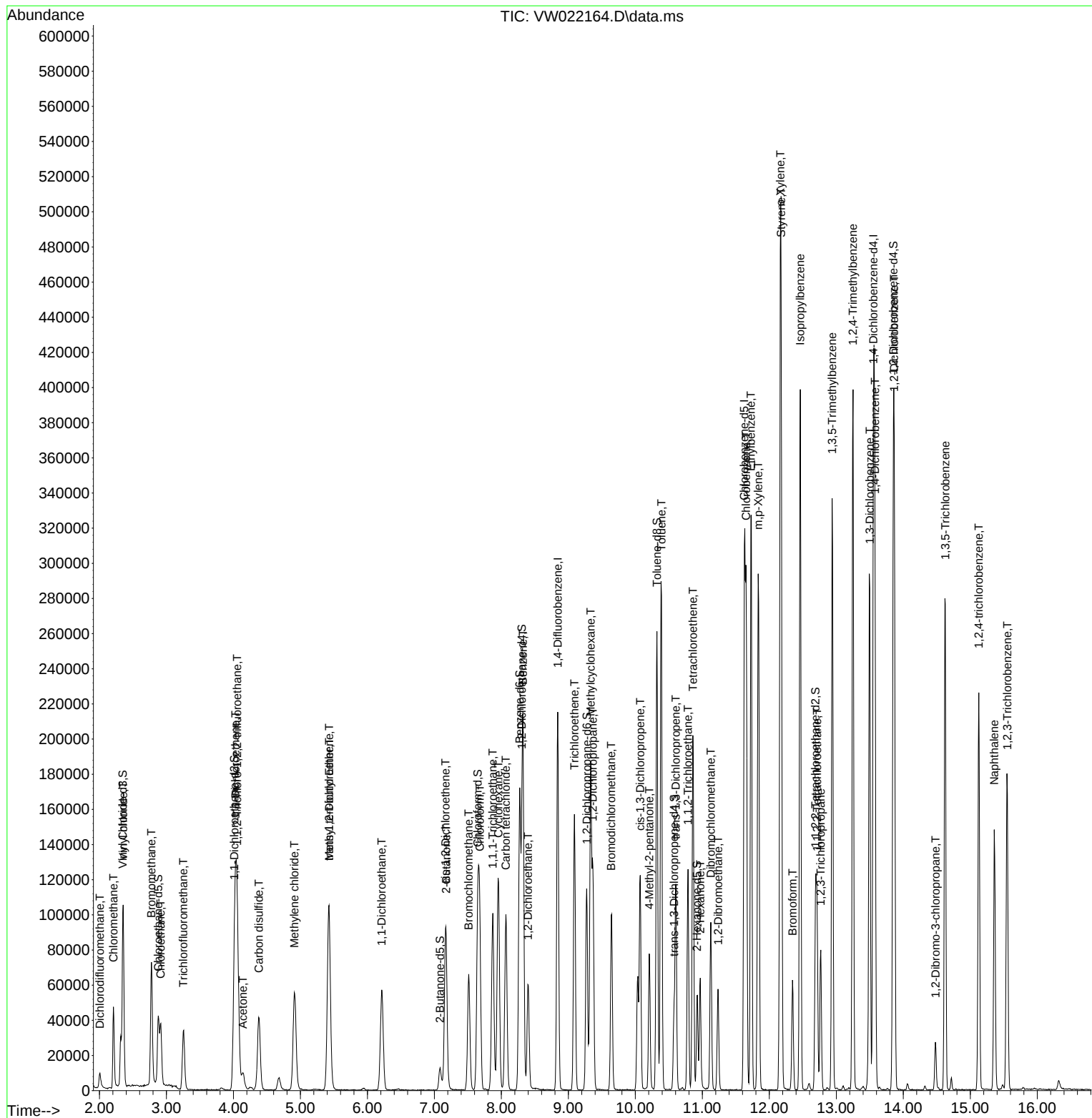
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	62988	22.175	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	80593	23.469	ug/L	99
31) Carbon tetrachloride	8.067	117	74433	22.806	ug/L	98
33) Benzene	8.323	78	186314	22.577	ug/L	100
34) Trichloroethene	9.091	95	52955	22.412	ug/L	97
35) Methylcyclohexane	9.335	83	76801	21.014	ug/L	98
37) 1,2-Dichloropropane	9.366	63	44202	22.960	ug/L	99
38) Bromodichloromethane	9.640	83	65440	23.703	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	70935	24.240	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	46178	44.416	ug/L	99
42) Toluene	10.390	91	218232	23.365	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	63565	24.172	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	37582	22.014	ug/L	98
46) Tetrachloroethene	10.859	164	45639	22.050	ug/L	88
48) 2-Hexanone	10.969	43	38178	52.908	ug/L	98
49) Dibromochloromethane	11.128	129	49740	23.987	ug/L	94
50) 1,2-Dibromoethane	11.237	107	37061	22.507	ug/L #	99
51) Chlorobenzene	11.652	112	149052	22.931	ug/L	97
52) Ethylbenzene	11.725	91	239515	23.171	ug/L	100
53) m,p-Xylene	11.835	106	99181	23.318	ug/L	97
54) o-Xylene	12.164	106	96086	24.009	ug/L	91
55) Styrene	12.176	104	163136	24.315	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	44052	22.240	ug/L	92
59) Bromoform	12.347	173	27677	21.826	ug/L #	97
60) Isopropylbenzene	12.463	105	258826	22.485	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	31285	20.671	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	179971	23.512	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	219653	23.480	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	127845	22.388	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	126097	22.036	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	113030	22.263	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6243	19.512	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	89827	21.916	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	69680	22.469	ug/L	99
71) Naphthalene	15.359	128	126668	23.138	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	60489	22.551	ug/L	97

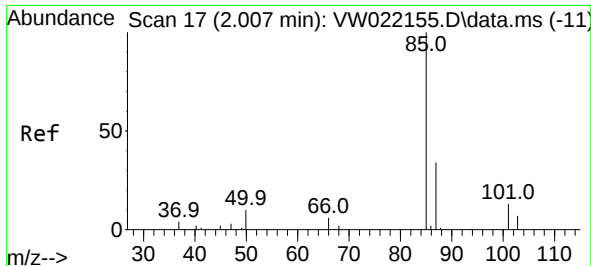
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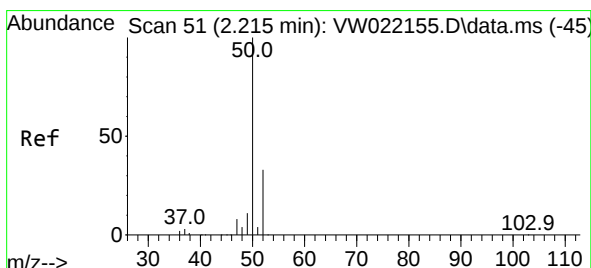
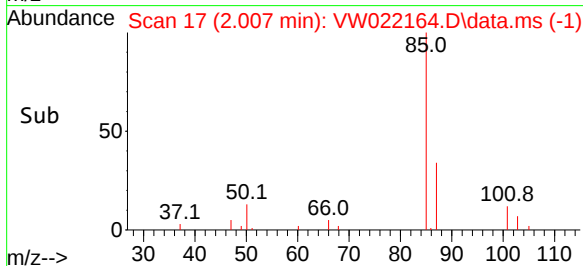
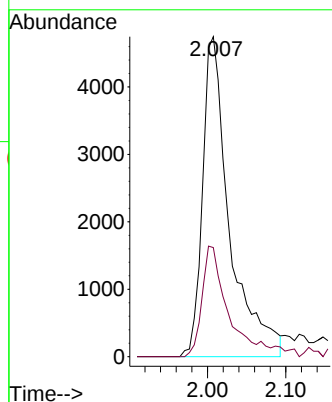
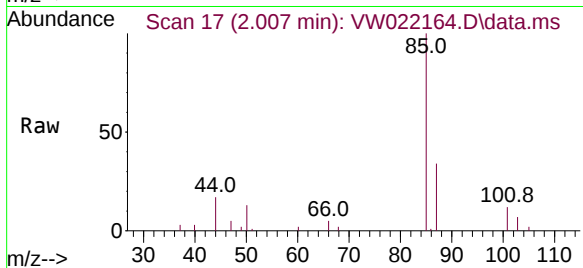




#2
Dichlorodifluoromethane
Concen: 21.904 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

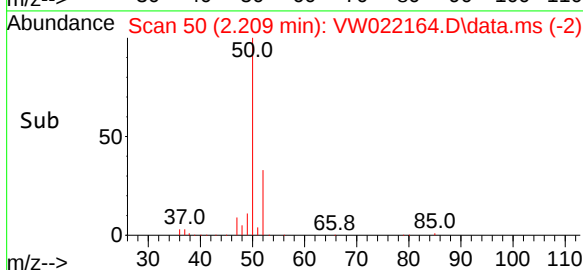
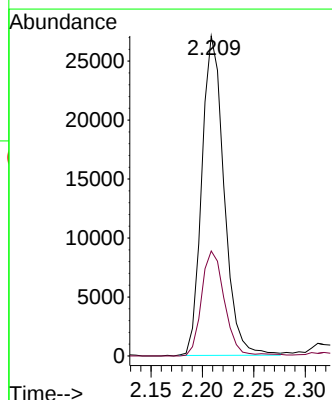
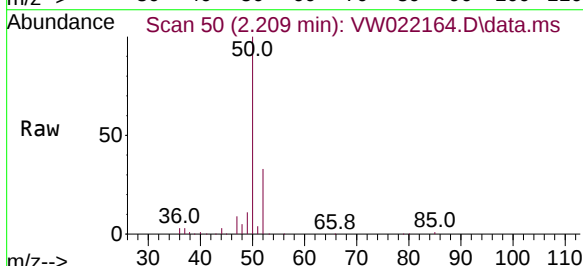
Instrument :
MSVOA_W
ClientSampleId :

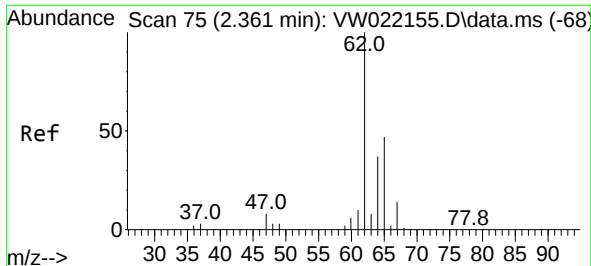
Tgt Ion: 85 Resp: 11378
Ion Ratio Lower Upper
85 100
87 31.3 27.6 41.4



#3
Chloromethane
Concen: 22.960 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 50 Resp: 40870
Ion Ratio Lower Upper
50 100
52 32.8 23.9 44.5

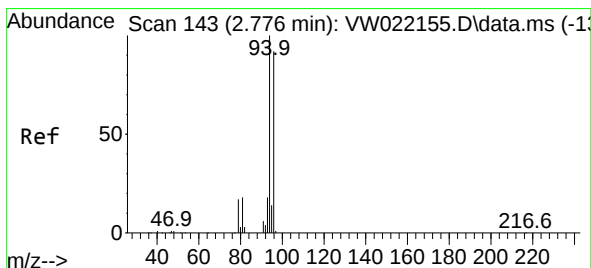
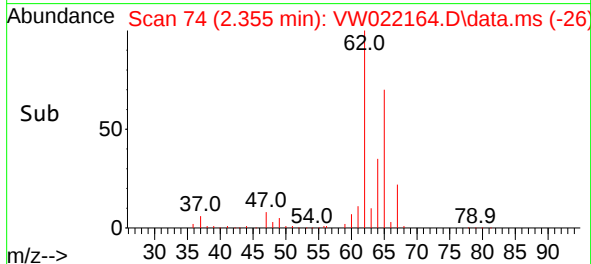
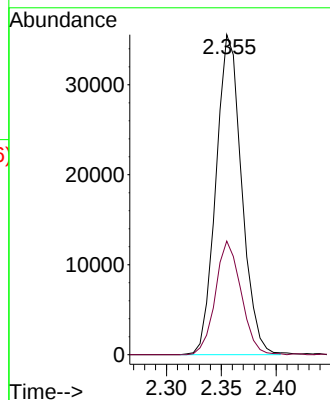
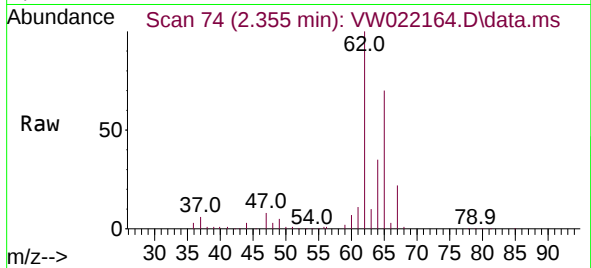




#5
 Vinyl chloride
 Concen: 21.705 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022164.D
 Acq: 03 Mar 2022 15:24

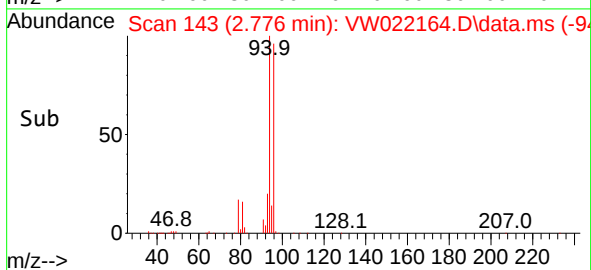
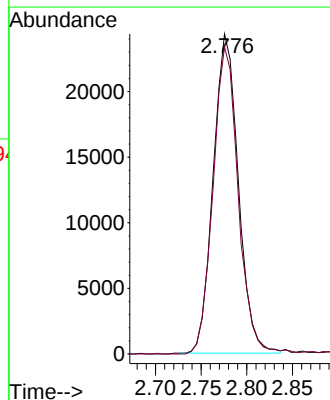
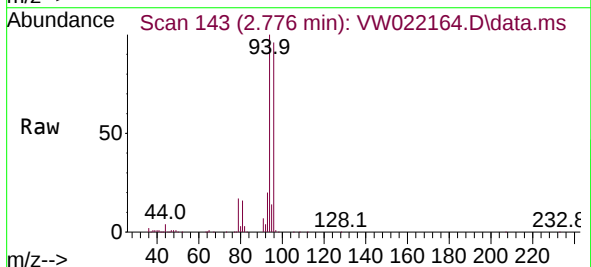
Instrument :
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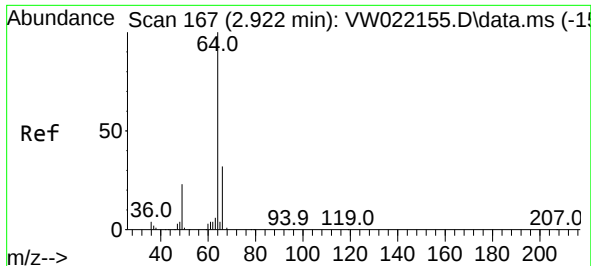
Tgt Ion: 62 Resp: 58051
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.7 45.9



#6
 Bromomethane
 Concen: 24.871 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022164.D
 Acq: 03 Mar 2022 15:24

Tgt Ion: 94 Resp: 46457
 Ion Ratio Lower Upper
 94 100
 96 95.9 61.2 113.8





#8

Chloroethane

Concen: 21.530 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

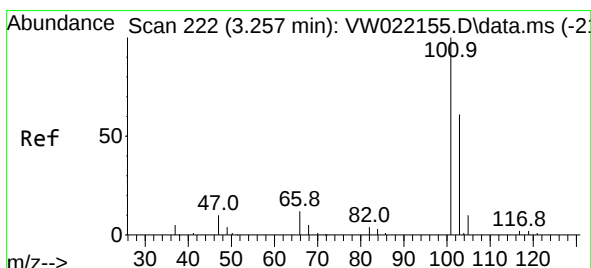
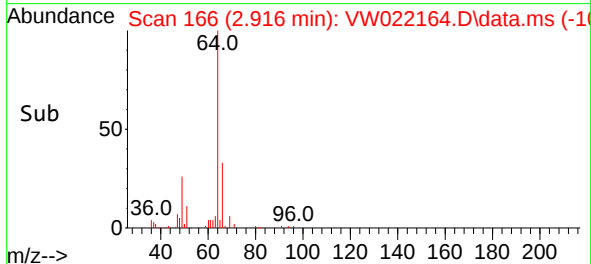
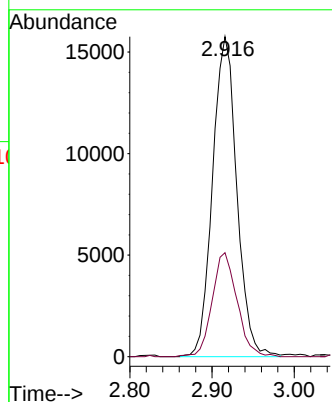
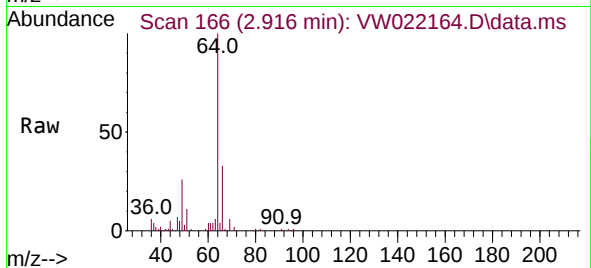
ClientSampleId :

Tgt Ion: 64 Resp: 32348

Ion Ratio Lower Upper

64 100

66 32.5 23.2 43.0



#9

Trichlorofluoromethane

Concen: 19.527 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.006 min

Lab File: VW022164.D

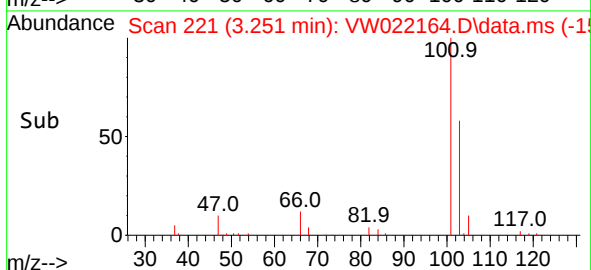
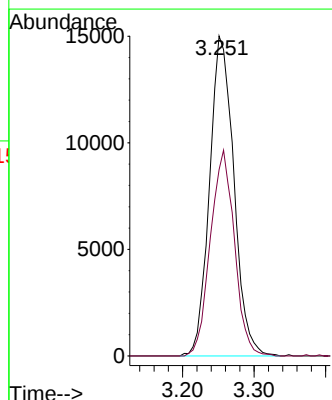
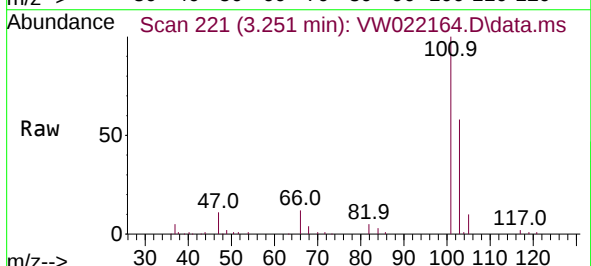
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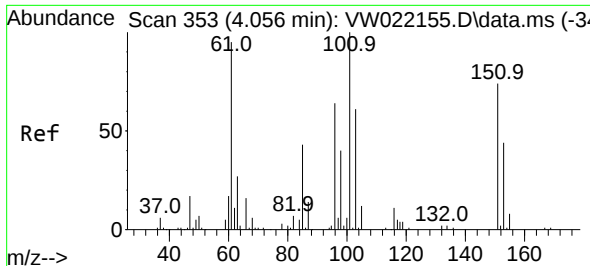
Tgt Ion: 101 Resp: 35457

Ion Ratio Lower Upper

101 100

103 63.6 53.2 79.8

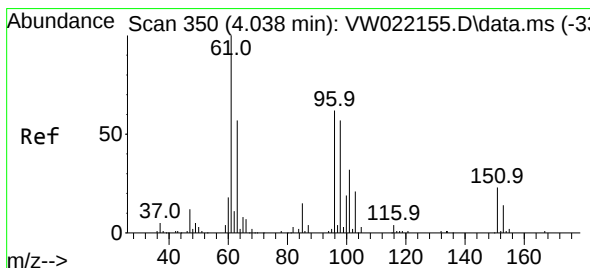
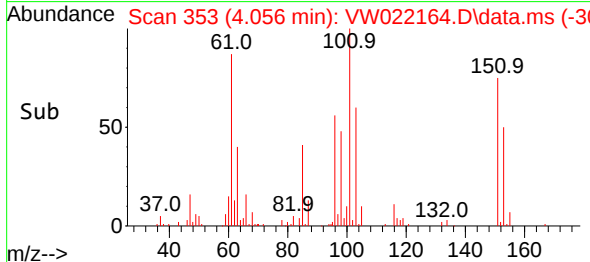
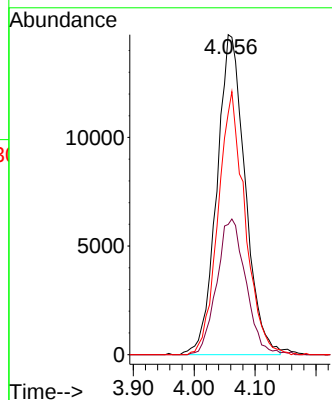
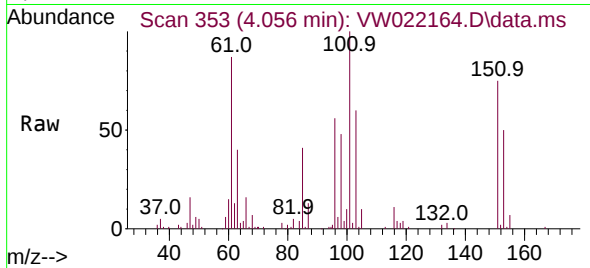




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.512 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW022164.D
 Acq: 03 Mar 2022 15:24

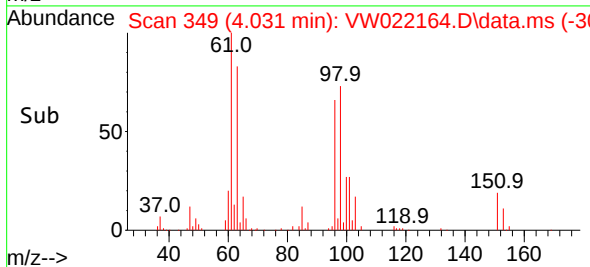
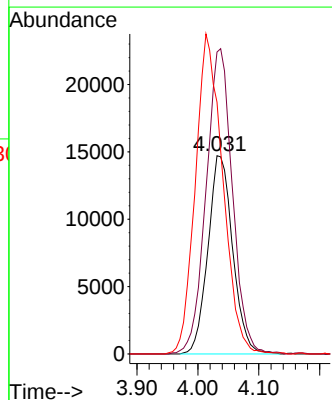
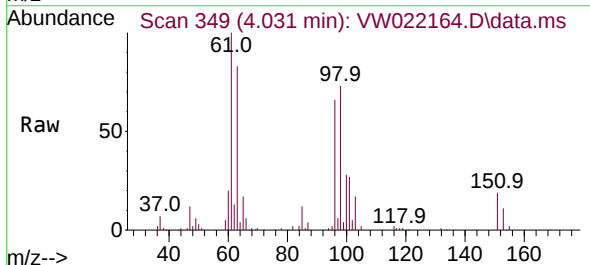
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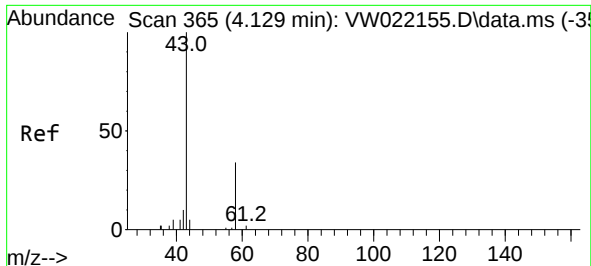
Tgt Ion:101 Resp: 47657
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.4 51.6
 151 78.1 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 21.623 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW022164.D
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Tgt Ion: 96 Resp: 41516
 Ion Ratio Lower Upper
 96 100
 61 152.3 108.4 201.2
 63 127.0 72.0 133.6

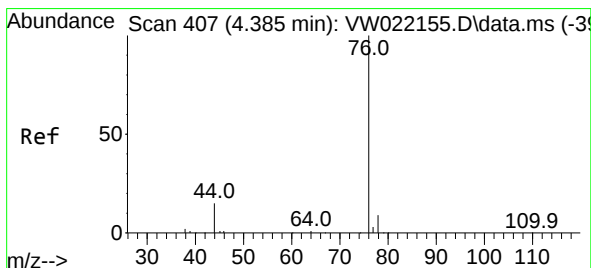
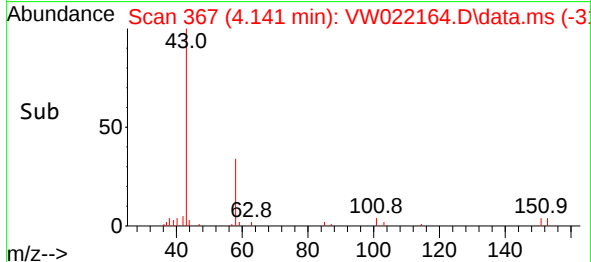
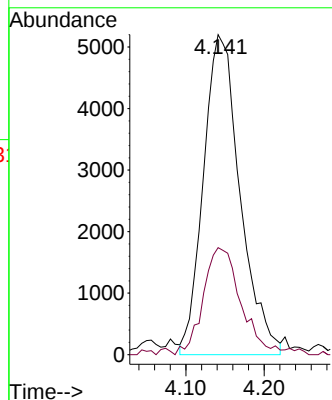
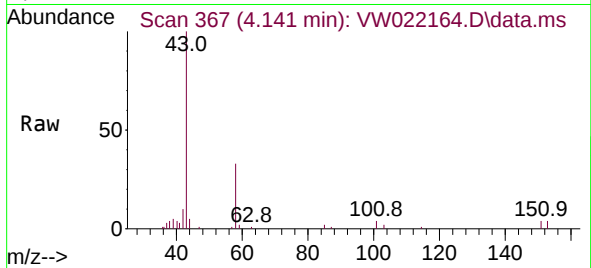




#13
Acetone
Concen: 50.817 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

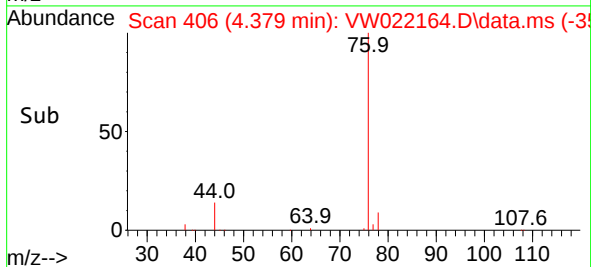
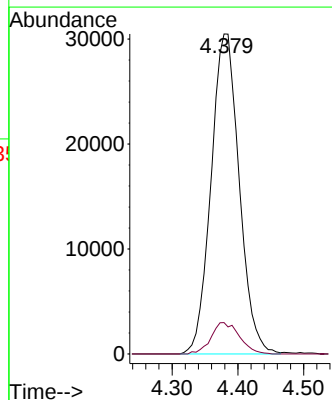
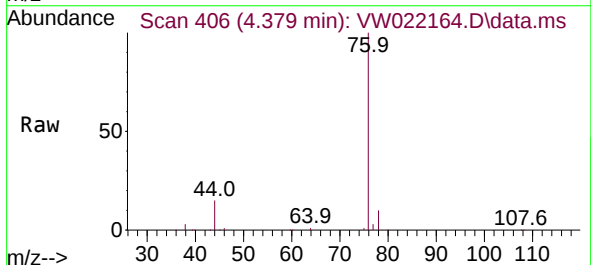
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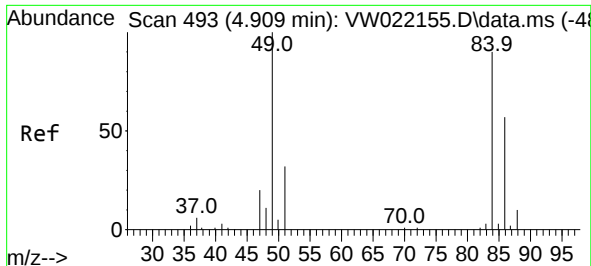
Tgt Ion: 43 Resp: 16918
Ion Ratio Lower Upper
43 100
58 31.7 0.0 69.2



#14
Carbon disulfide
Concen: 18.277 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 90980
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

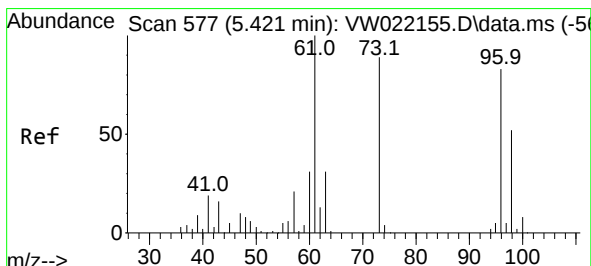
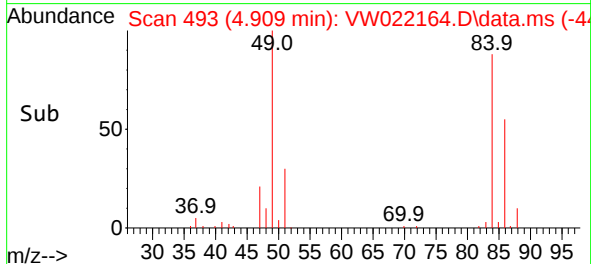
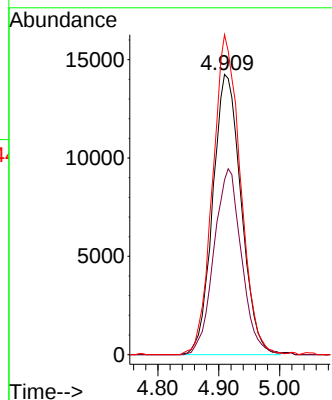
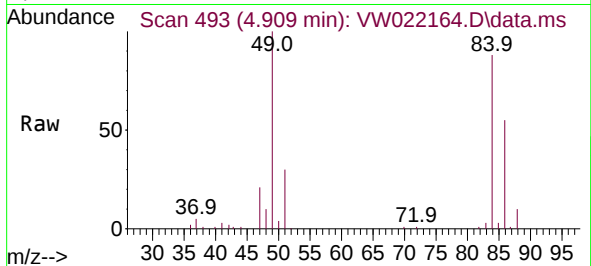




#16
Methylene chloride
Concen: 20.216 ug/L
RT: 4.909 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

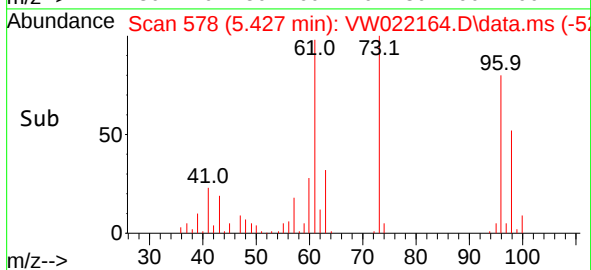
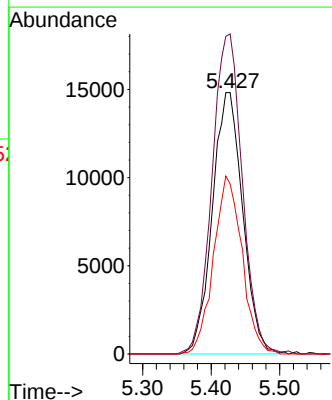
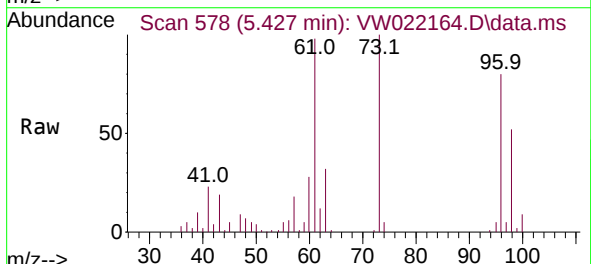
Instrument :
MSVOA_W
ClientSampleId :

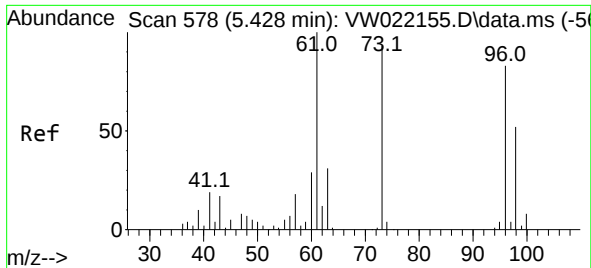
Tgt Ion: 84 Resp: 46123
Ion Ratio Lower Upper
84 100
86 62.3 45.8 85.0
49 114.2 73.8 137.0



#17
trans-1,2-Dichloroethene
Concen: 21.585 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

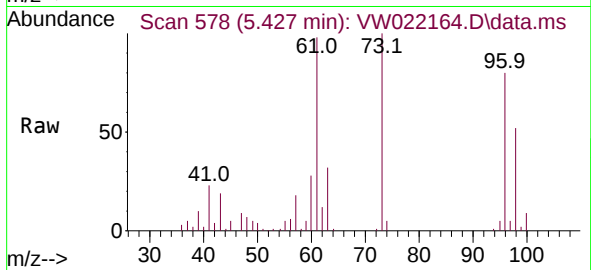
Tgt Ion: 96 Resp: 45521
Ion Ratio Lower Upper
96 100
61 122.4 87.3 162.1
98 65.1 43.2 80.2



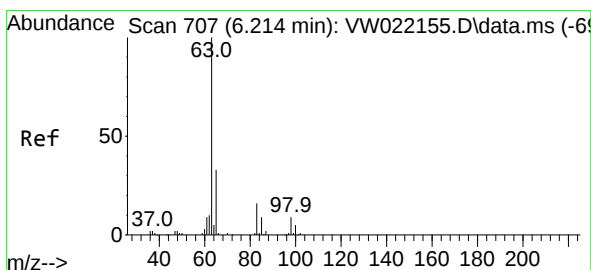
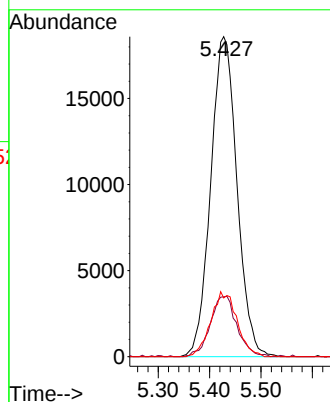
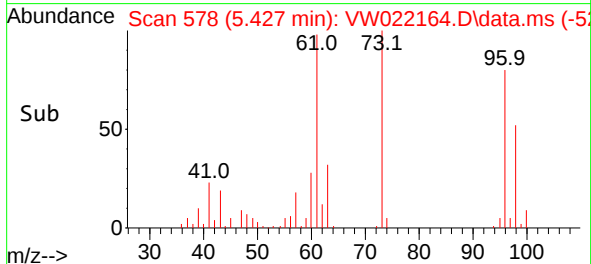


#18
Methyl tert-butyl Ether
Concen: 23.029 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :

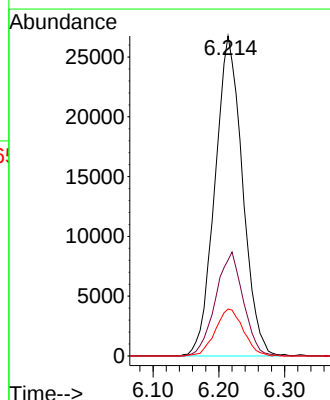
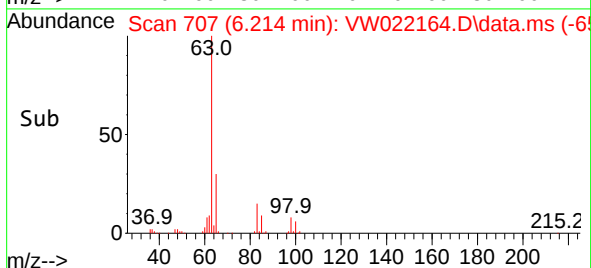
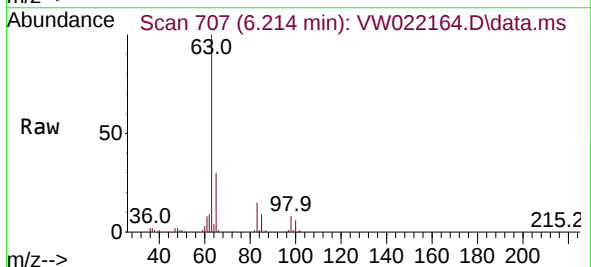


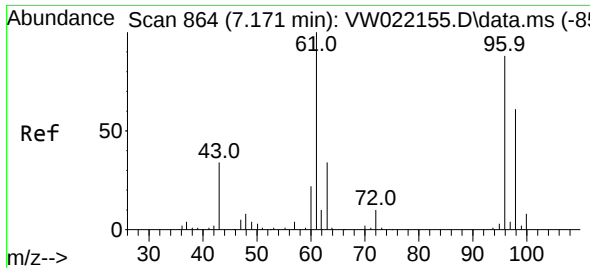
Tgt Ion: 73 Resp: 66075
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 10.9 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 22.826 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 63 Resp: 77933
Ion Ratio Lower Upper
63 100
65 29.9 22.5 41.9
83 14.7 11.5 21.5

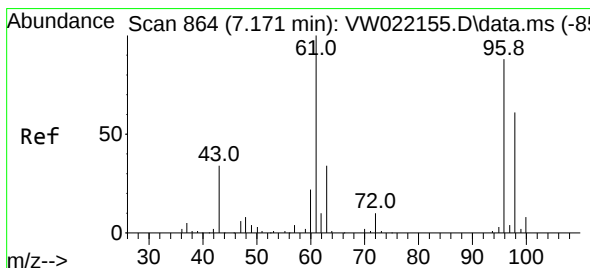
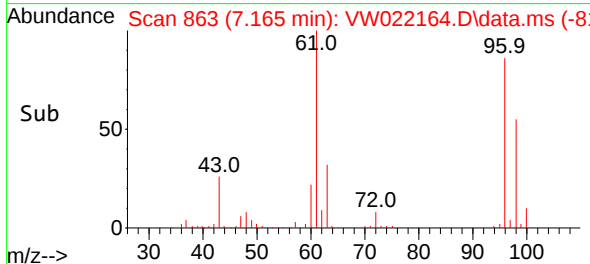
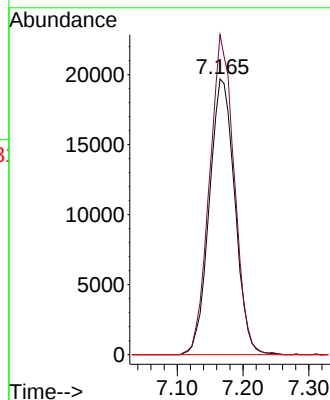
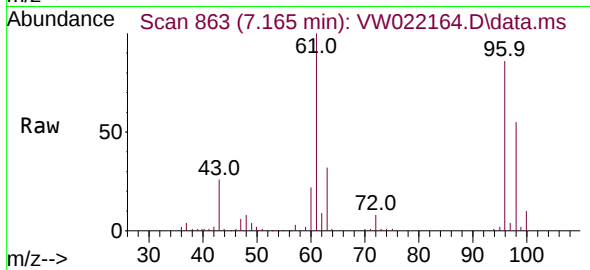




#20
 cis-1,2-Dichloroethene
 Concen: 23.281 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW022164.D
 Acq: 03 Mar 2022 15:24

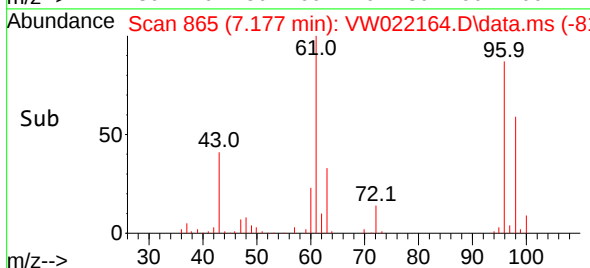
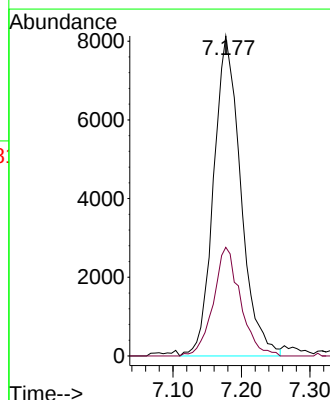
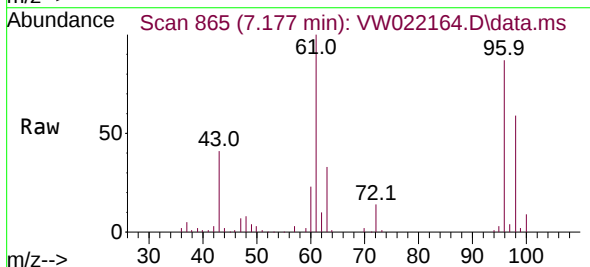
Instrument :
 MSVOA_W
 ClientSampleId :

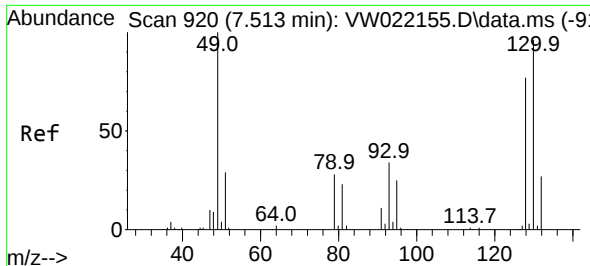
Tgt Ion: 96 Resp: 53186
 Ion Ratio Lower Upper
 96 100
 61 116.0 76.8 142.6
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 46.816 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW022164.D
 Acq: 03 Mar 2022 15:24

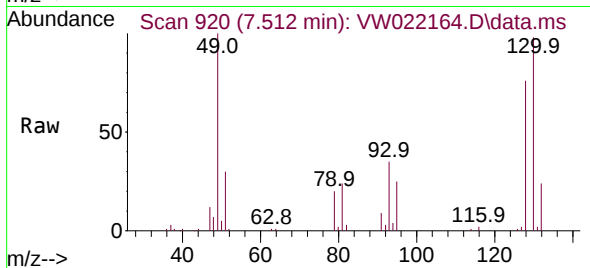
Tgt Ion: 43 Resp: 22389
 Ion Ratio Lower Upper
 43 100
 72 33.9 17.0 51.0



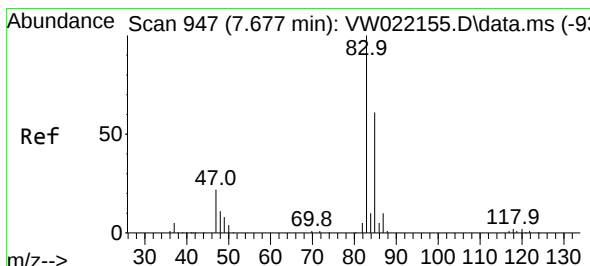
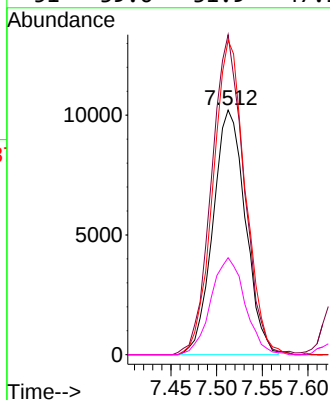
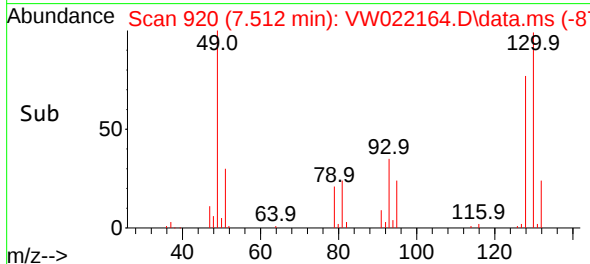


#23
Bromochloromethane
Concen: 22.616 ug/L
RT: 7.512 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :

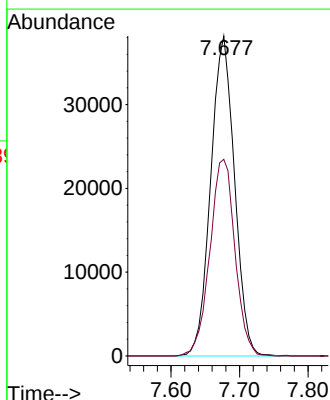
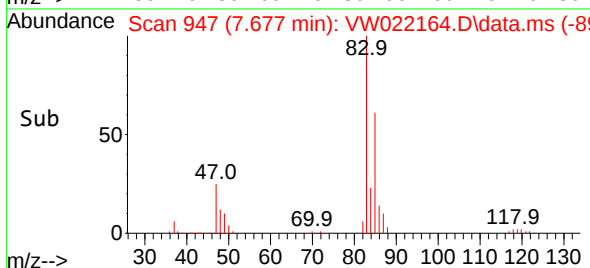
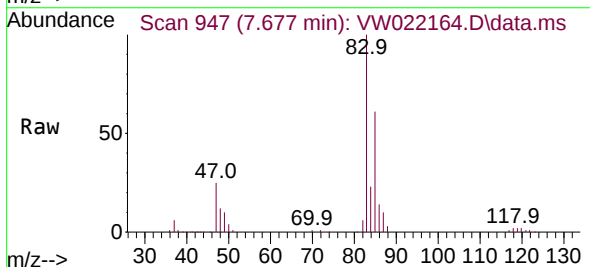


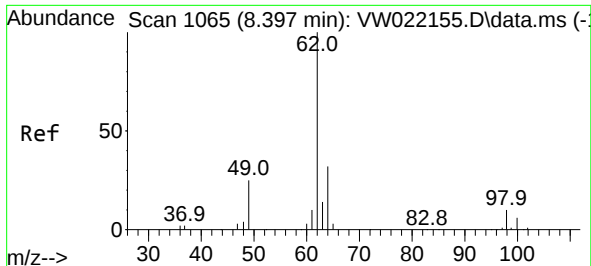
Tgt Ion:	128	Resp:	25239
Ion	Ratio	Lower	Upper
128	100		
49	130.8	84.2	156.4
130	128.5	84.8	157.4
51	39.6	31.9	47.9



#25
Chloroform
Concen: 23.081 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:	83	Resp:	91946
Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.1	83.9





#27

1,2-Dichloroethane

Concen: 22.175 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

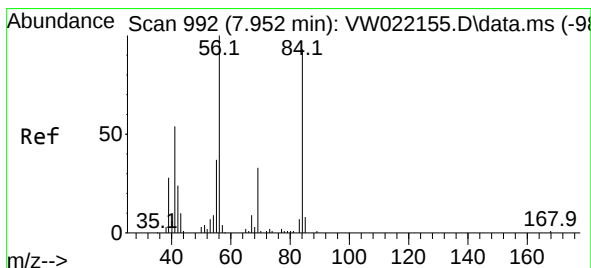
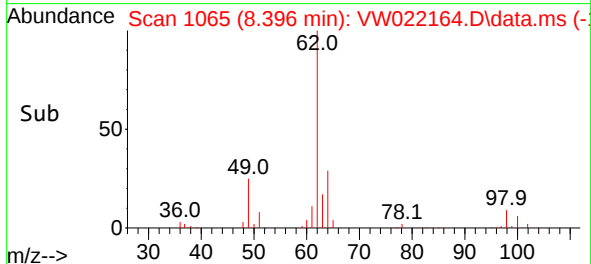
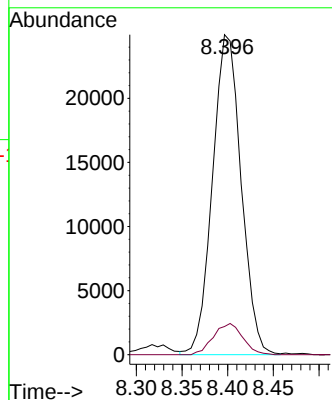
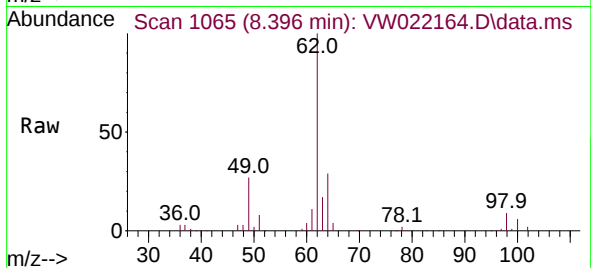
ClientSampleId :

Tgt Ion: 62 Resp: 54409

Ion Ratio Lower Upper

62 100

98 8.8 7.9 11.9



#29

Cyclohexane

Concen: 22.175 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

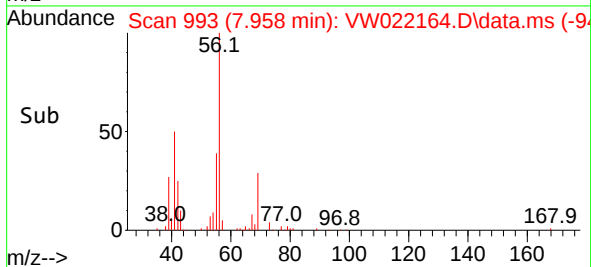
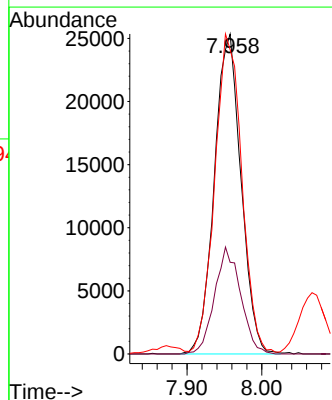
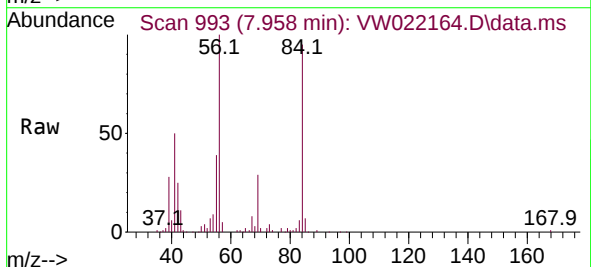
Tgt Ion: 56 Resp: 62988

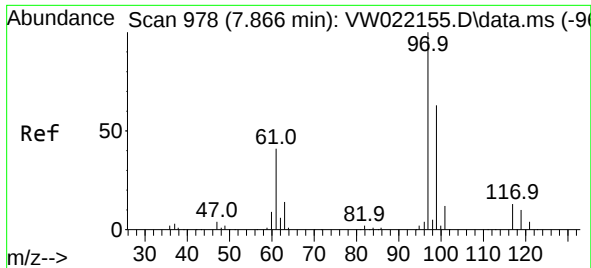
Ion Ratio Lower Upper

56 100

69 32.5 26.3 39.5

84 101.6 81.4 122.2





#30

1,1,1-Trichloroethane

Concen: 23.469 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

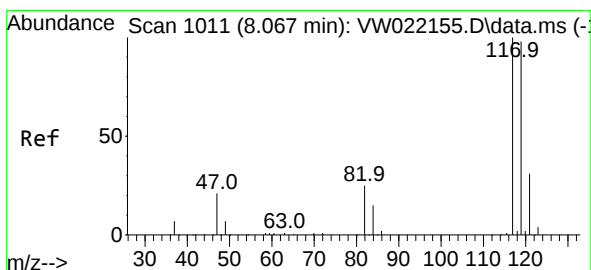
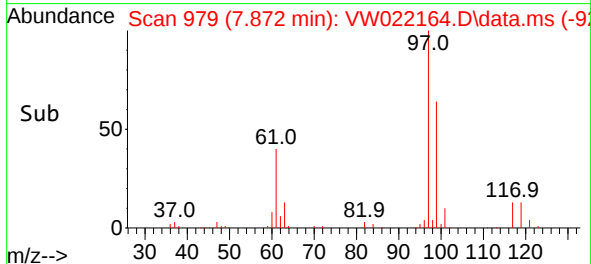
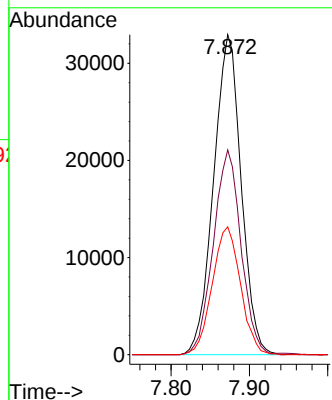
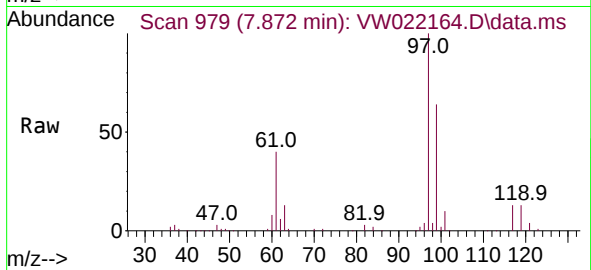
Tgt Ion: 97 Resp: 80593

Ion Ratio Lower Upper

97 100

99 64.1 52.6 78.8

61 40.9 33.0 49.6



#31

Carbon tetrachloride

Concen: 22.806 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022164.D

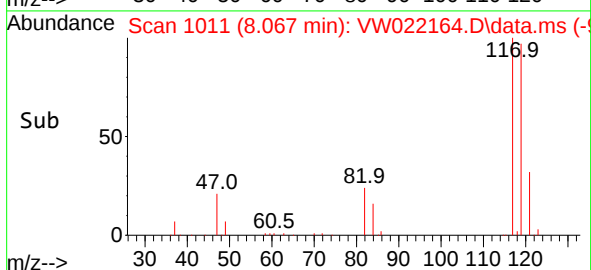
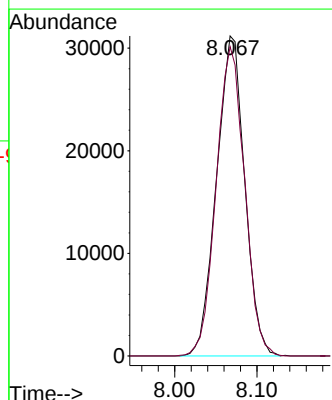
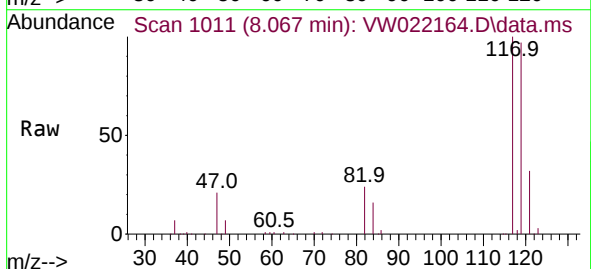
Acq: 03 Mar 2022 15:24

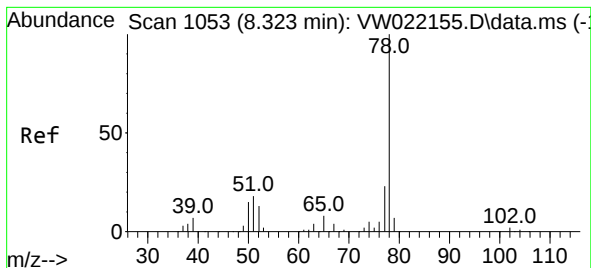
Tgt Ion: 117 Resp: 74433

Ion Ratio Lower Upper

117 100

119 97.4 76.7 115.1





#33

Benzene

Concen: 22.577 ug/L

RT: 8.323 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW022164.D

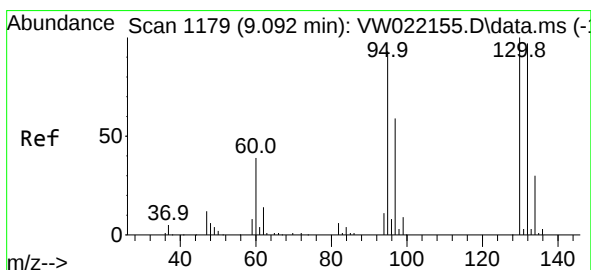
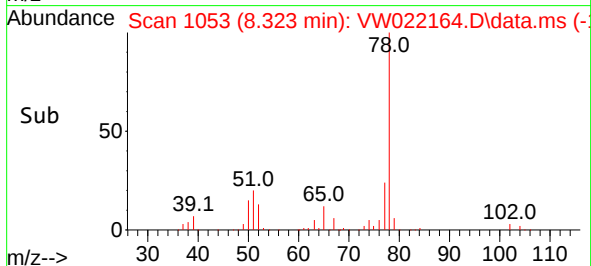
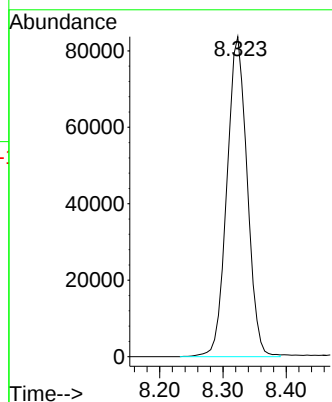
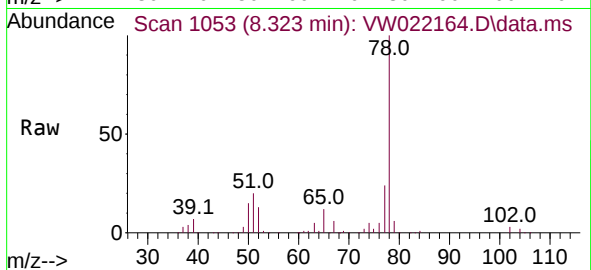
Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 186314



#34

Trichloroethene

Concen: 22.412 ug/L

RT: 9.091 min Scan# 1179

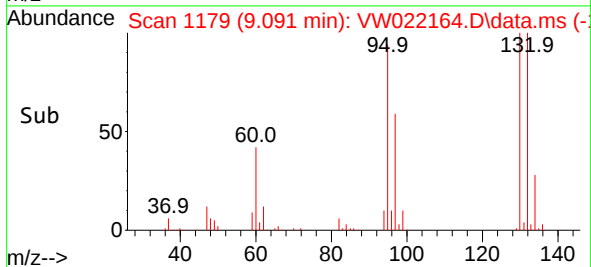
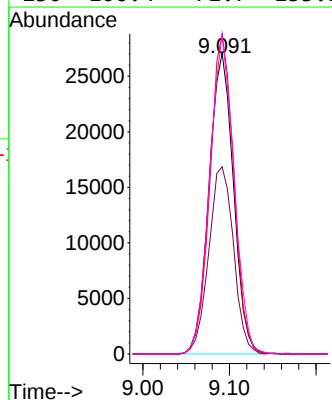
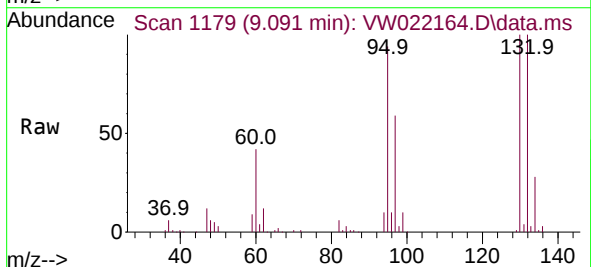
Delta R.T. -0.000 min

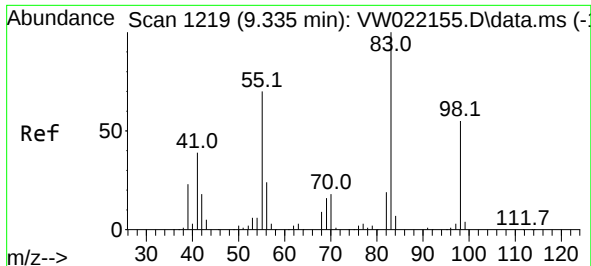
Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Tgt Ion: 95 Resp: 52955

Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.4	82.4
132	106.2	71.7	133.1
130	106.4	71.7	133.1

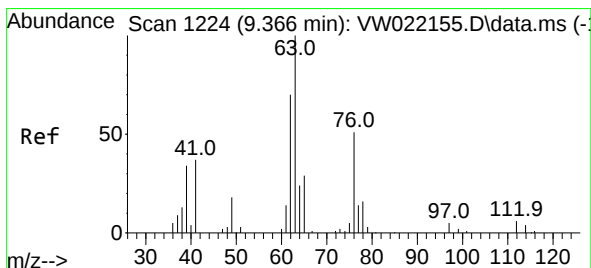
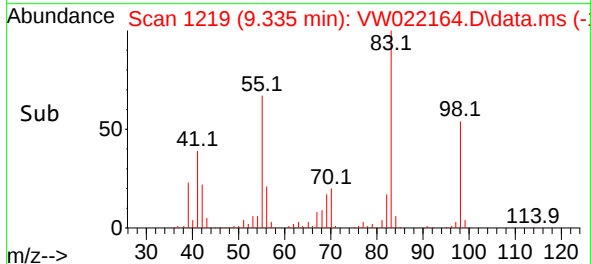
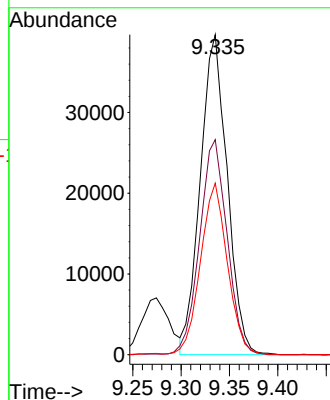
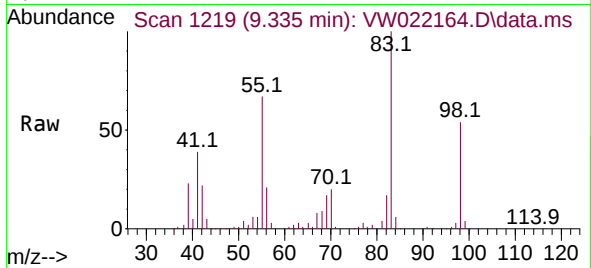




#35
Methylcyclohexane
Concen: 21.014 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

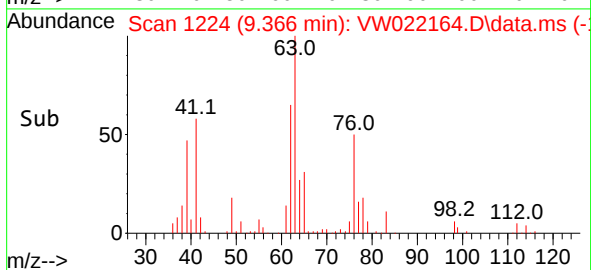
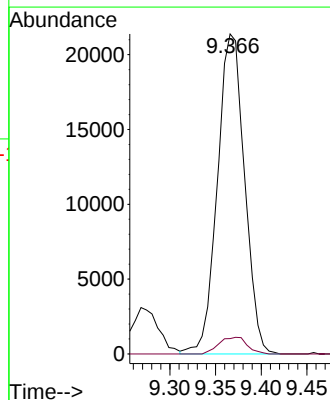
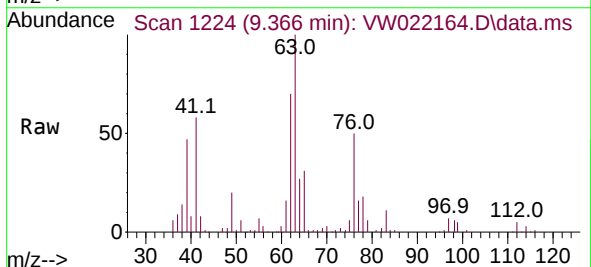
Instrument :
MSVOA_W
ClientSampleId :

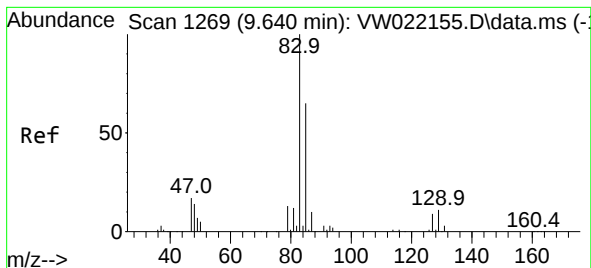
Tgt Ion: 83 Resp: 76801
Ion Ratio Lower Upper
83 100
55 68.7 53.8 80.8
98 53.6 42.1 63.1



#37
1,2-Dichloropropane
Concen: 22.960 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 63 Resp: 44202
Ion Ratio Lower Upper
63 100
112 5.4 4.1 6.1





#38

Bromodichloromethane

Concen: 23.703 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

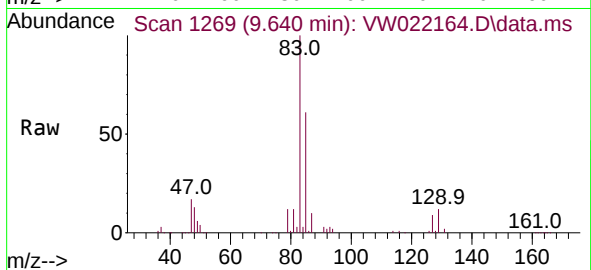
Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :



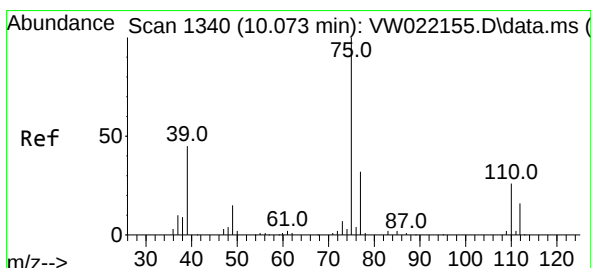
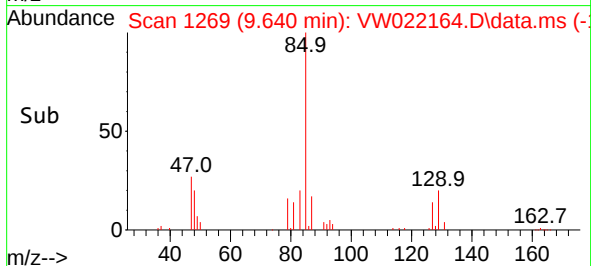
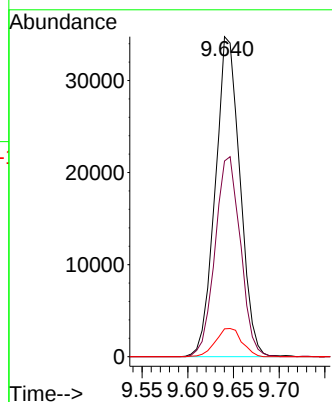
Tgt Ion: 83 Resp: 65440

Ion Ratio Lower Upper

83 100

85 61.1 47.9 89.1

127 8.7 7.5 11.3



#39

cis-1,3-Dichloropropene

Concen: 24.240 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022164.D

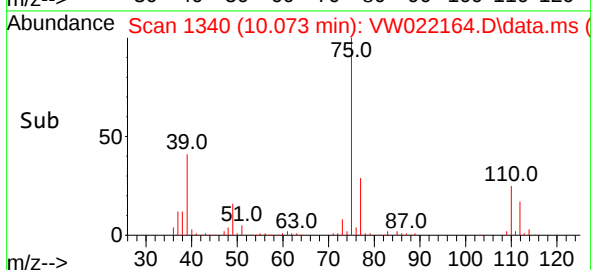
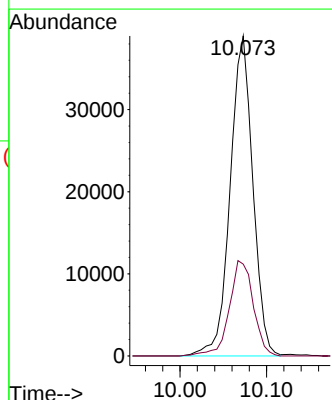
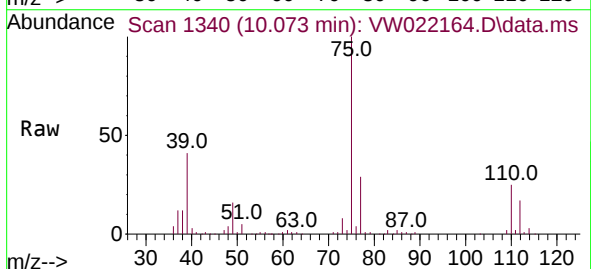
Acq: 03 Mar 2022 15:24

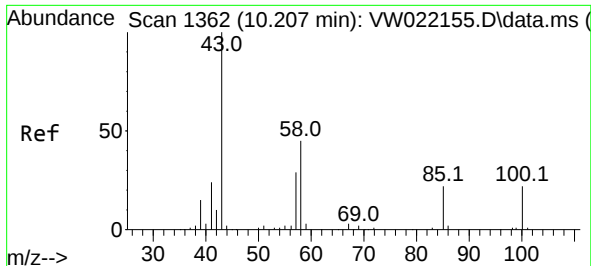
Tgt Ion: 75 Resp: 70935

Ion Ratio Lower Upper

75 100

77 28.7 20.6 38.2





#40

4-Methyl-2-pentanone

Concen: 44.416 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

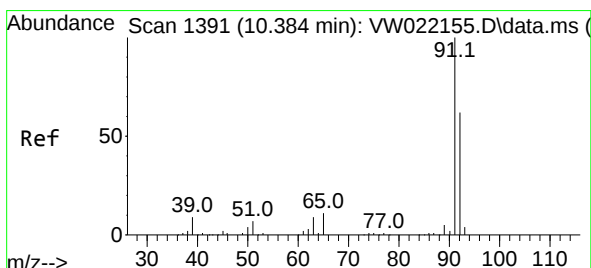
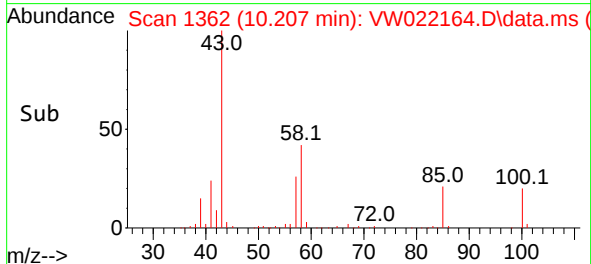
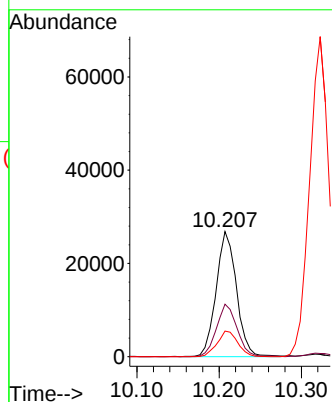
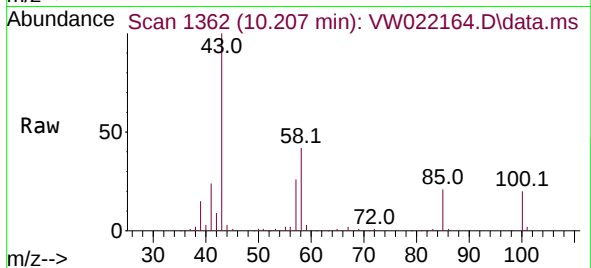
Tgt Ion: 43 Resp: 46178

Ion Ratio Lower Upper

43 100

58 42.2 33.2 49.8

100 20.7 16.1 24.1



#42

Toluene

Concen: 23.365 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022164.D

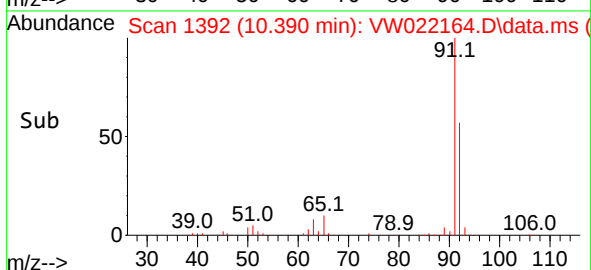
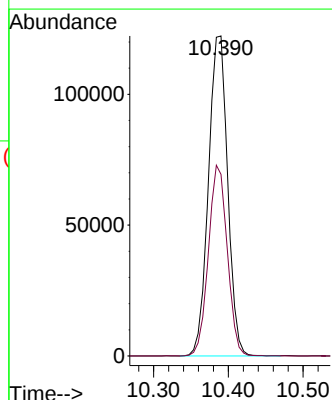
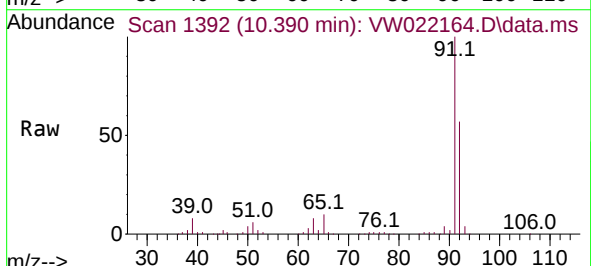
Acq: 03 Mar 2022 15:24

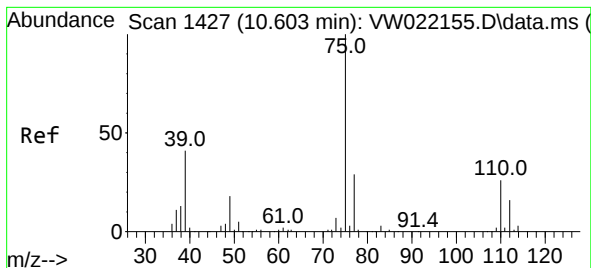
Tgt Ion: 91 Resp: 218232

Ion Ratio Lower Upper

91 100

92 56.7 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 24.172 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

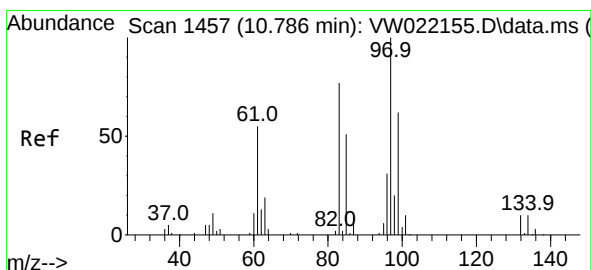
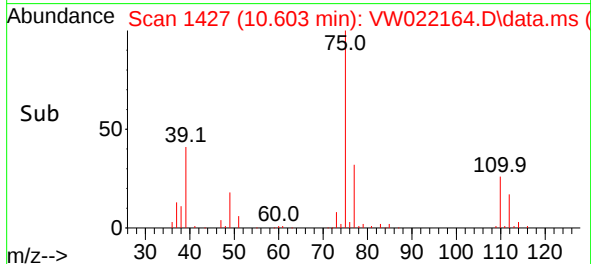
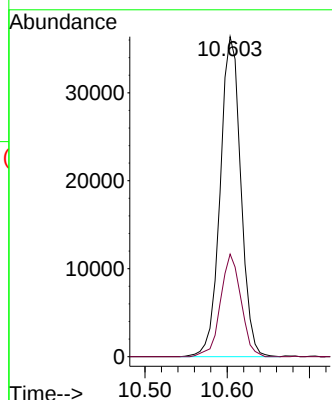
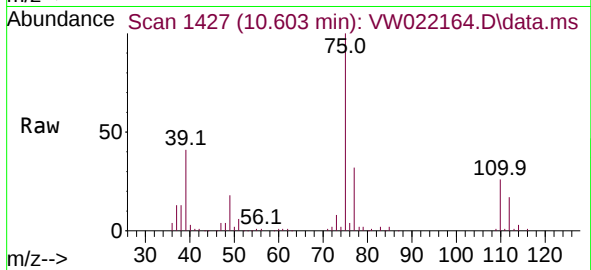
ClientSampleId :

Tgt Ion: 75 Resp: 63565

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 22.014 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Tgt Ion: 97 Resp: 37582

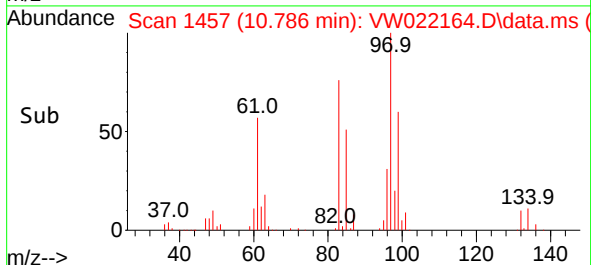
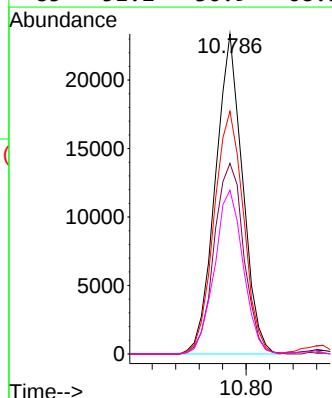
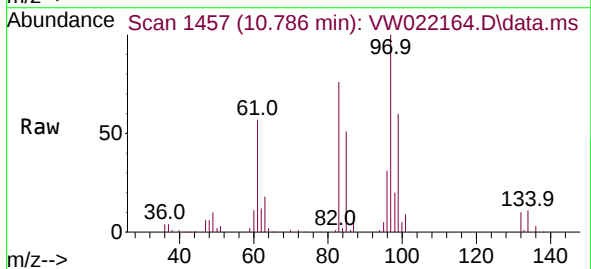
Ion Ratio Lower Upper

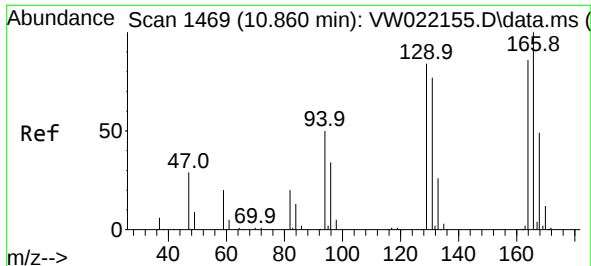
97 100

99 59.5 43.5 80.7

83 75.9 53.5 99.3

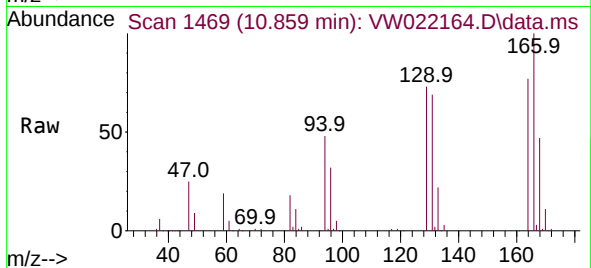
85 51.2 36.9 68.5





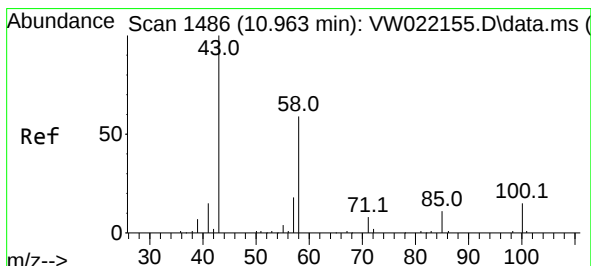
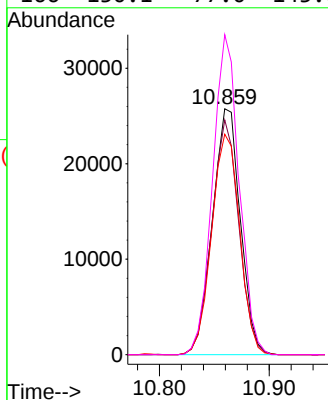
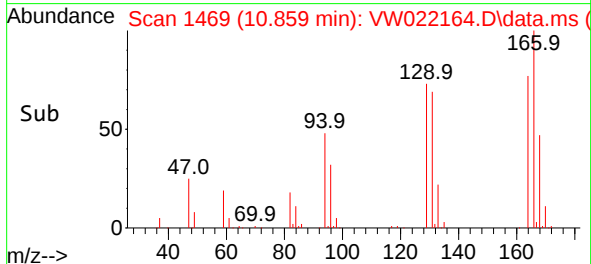
#46
Tetrachloroethene
Concen: 22.050 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :

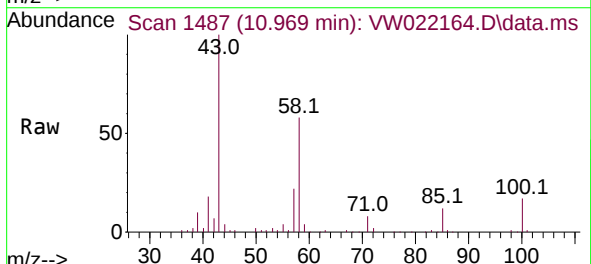


Tgt Ion:164 Resp: 45639

Ion	Ratio	Lower	Upper
164	100		
129	95.4	60.3	111.9
131	89.6	59.9	111.3
166	130.1	77.0	143.0

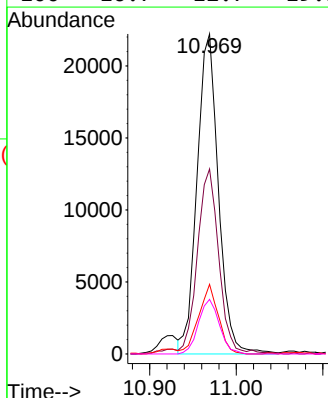
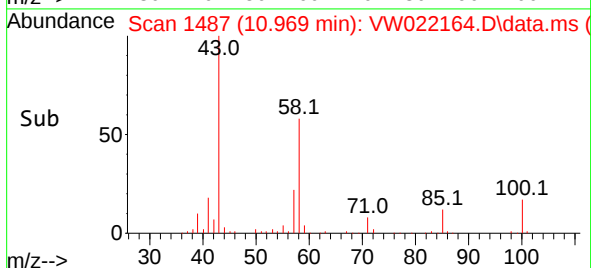


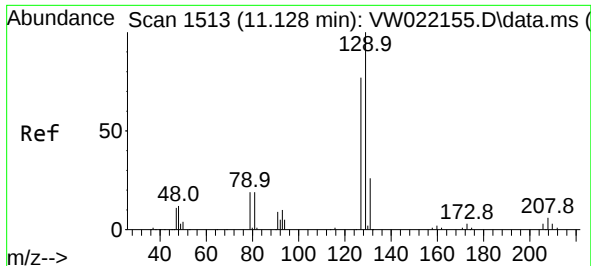
#48
2-Hexanone
Concen: 52.908 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



Tgt Ion: 43 Resp: 38178

Ion	Ratio	Lower	Upper
43	100		
58	57.1	44.6	66.8
57	20.2	15.8	23.8
100	16.7	12.7	19.1





#49

Dibromochloromethane

Concen: 23.987 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

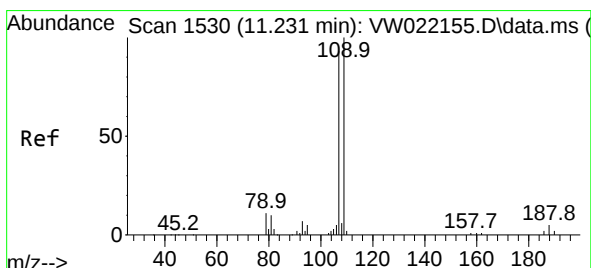
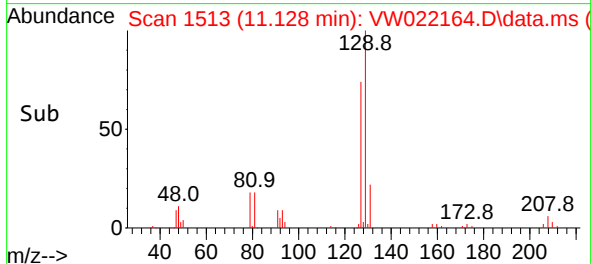
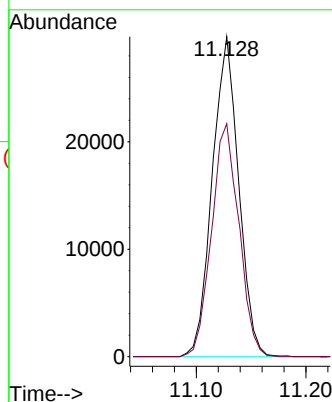
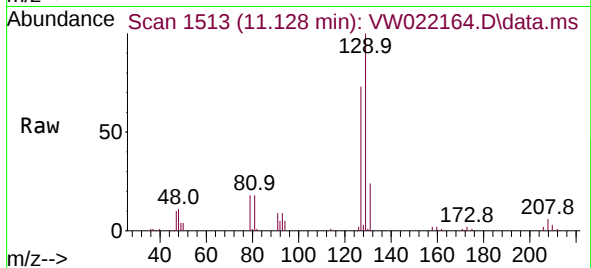
ClientSampleId :

Tgt Ion:129 Resp: 49740

Ion Ratio Lower Upper

129 100

127 72.8 54.5 101.1



#50

1,2-Dibromoethane

Concen: 22.507 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

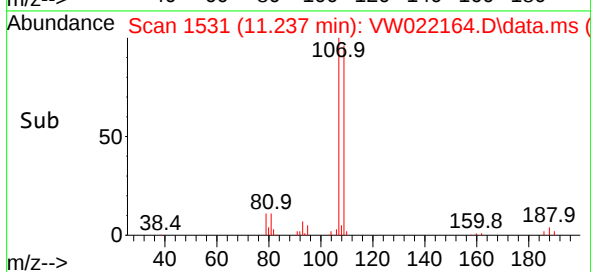
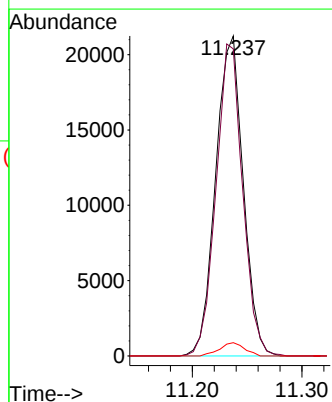
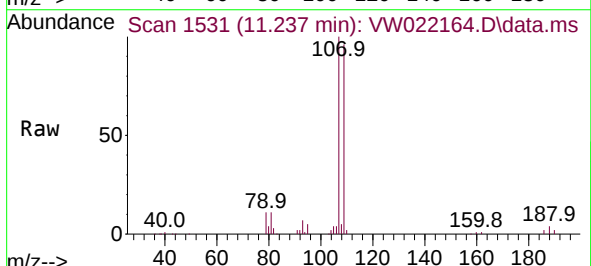
Tgt Ion:107 Resp: 37061

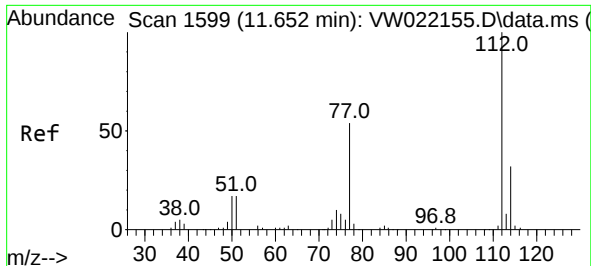
Ion Ratio Lower Upper

107 100

109 96.0 66.8 124.2

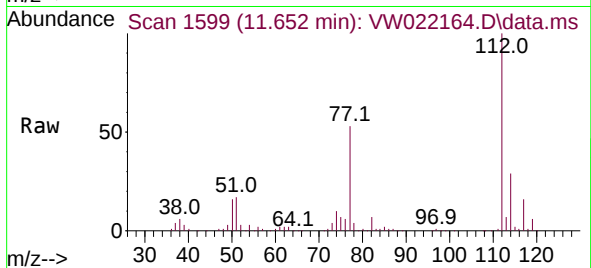
188 4.2 2.6 4.0#



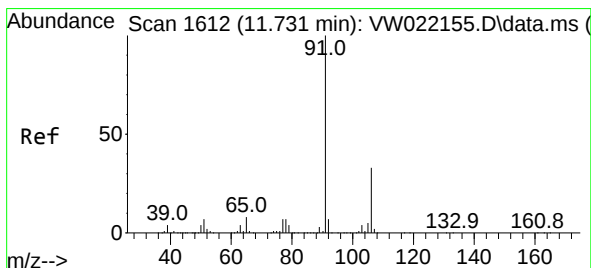
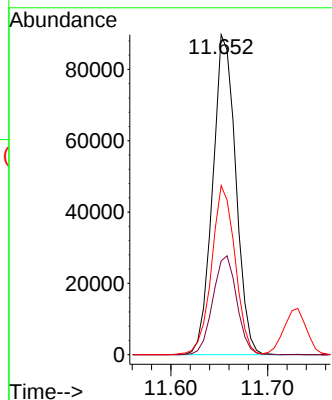
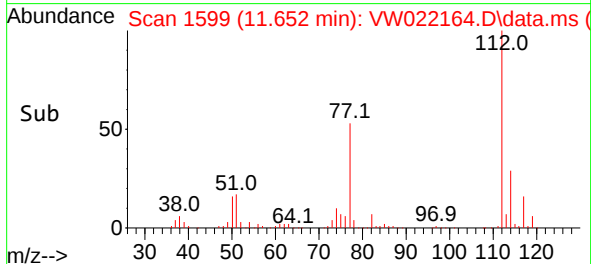


#51
Chlorobenzene
Concen: 22.931 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :

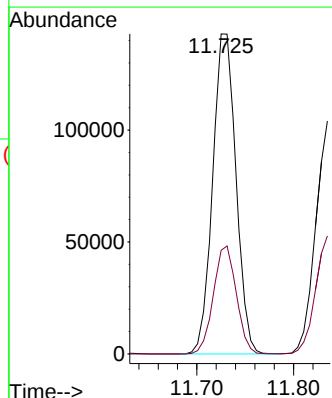
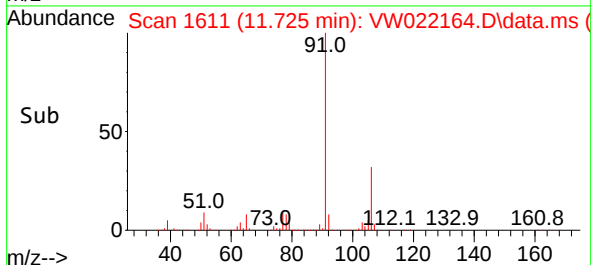
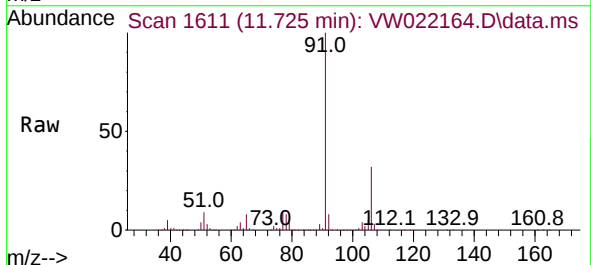


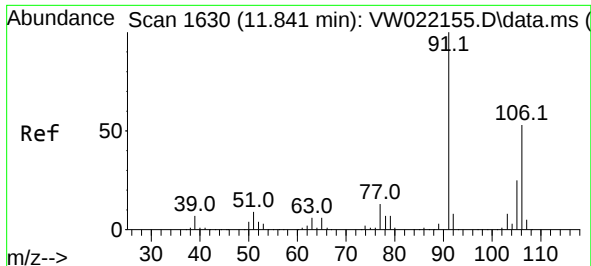
Tgt Ion:112 Resp: 149052
Ion Ratio Lower Upper
112 100
114 29.3 23.0 42.8
77 52.8 41.8 62.6



#52
Ethylbenzene
Concen: 23.171 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 91 Resp: 239515
Ion Ratio Lower Upper
91 100
106 32.4 22.8 42.4

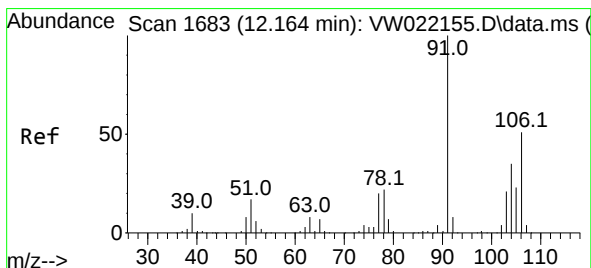
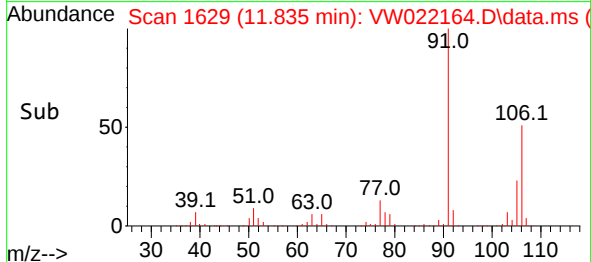
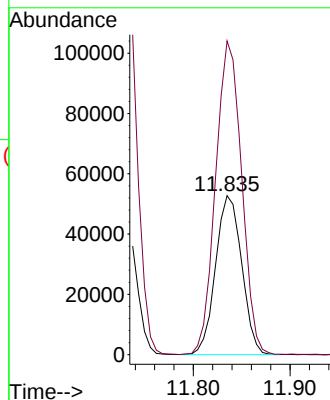
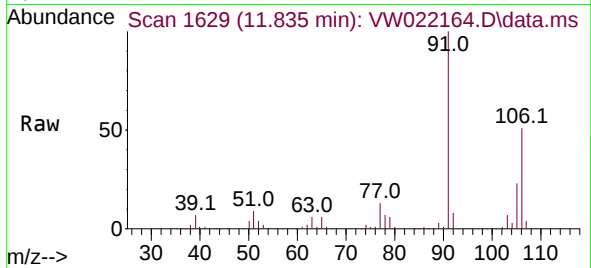




#53
m,p-Xylene
Concen: 23.318 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

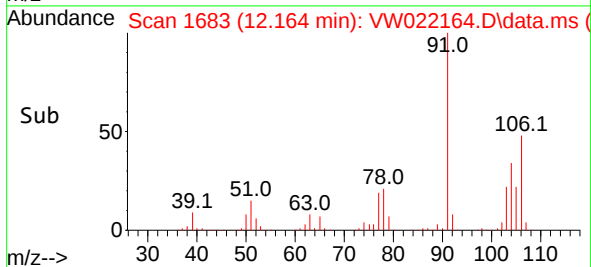
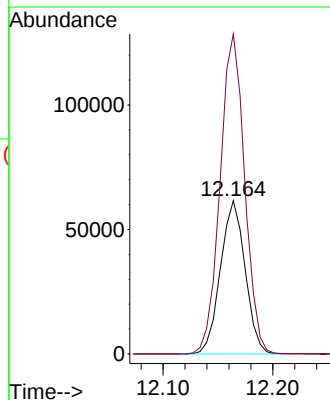
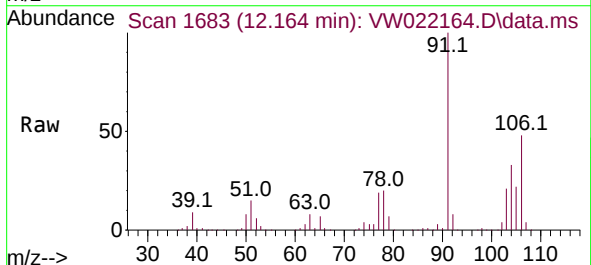
Instrument :
MSVOA_W
ClientSampleId :

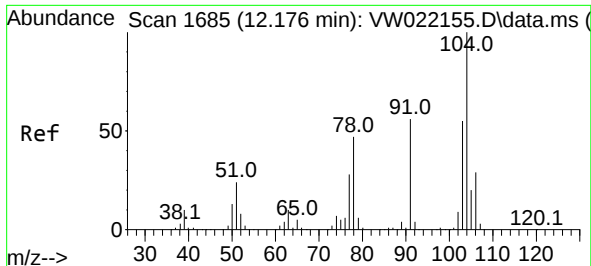
Tgt Ion:106 Resp: 99181
Ion Ratio Lower Upper
106 100
91 197.3 135.0 250.8



#54
o-Xylene
Concen: 24.009 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:106 Resp: 96086
Ion Ratio Lower Upper
106 100
91 208.7 136.9 254.3

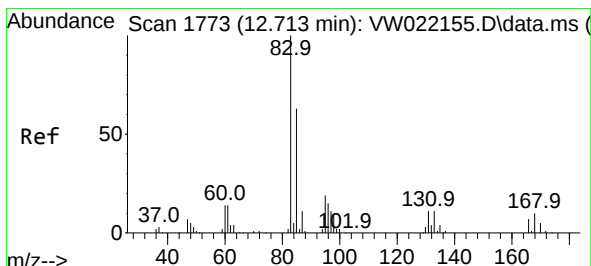
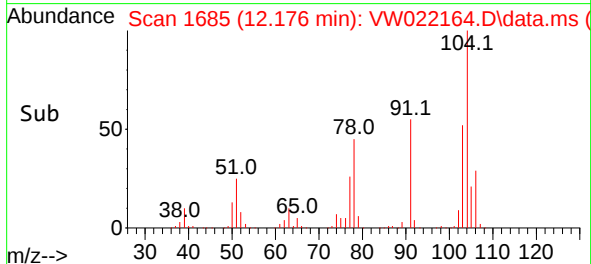
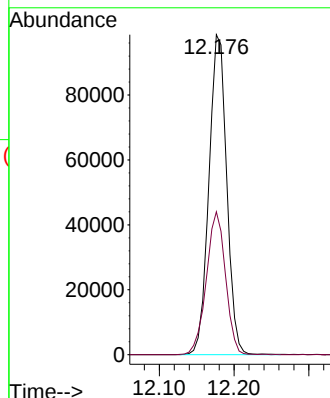
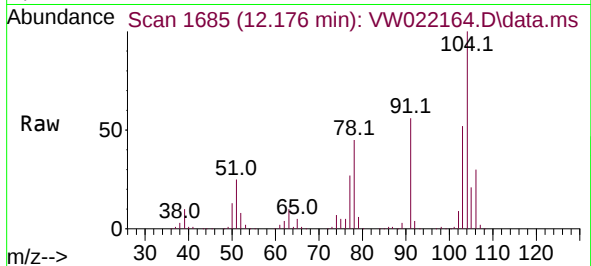




#55
Styrene
Concen: 24.315 ug/L
RT: 12.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

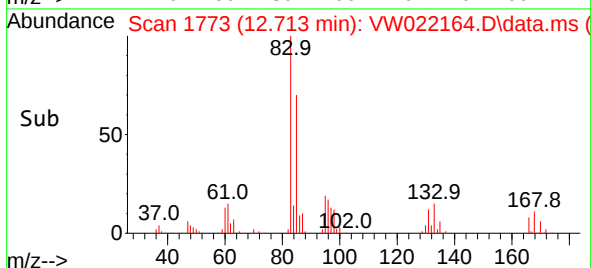
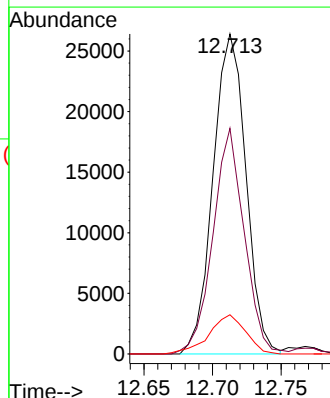
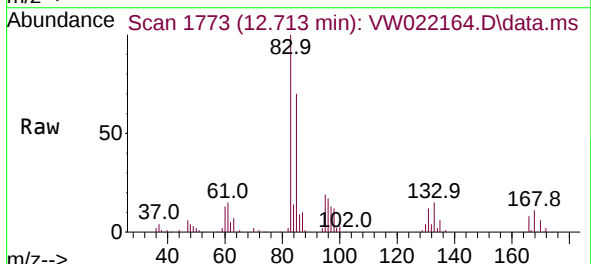
Instrument :
MSVOA_W
ClientSampleId :

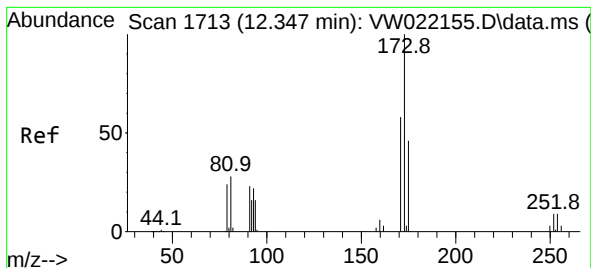
Tgt Ion:104 Resp: 163136
Ion Ratio Lower Upper
104 100
78 44.6 27.8 51.6



#57
1,1,2,2-Tetrachloroethane
Concen: 22.240 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 83 Resp: 44052
Ion Ratio Lower Upper
83 100
85 70.5 44.2 82.0
131 12.2 9.4 14.0





#59

Bromoform

Concen: 21.826 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

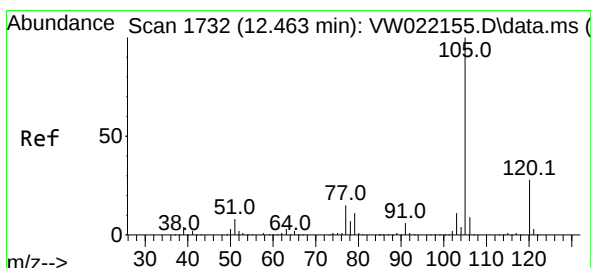
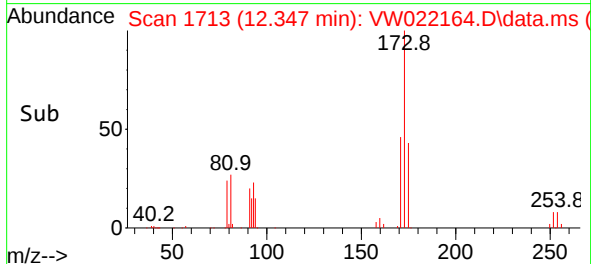
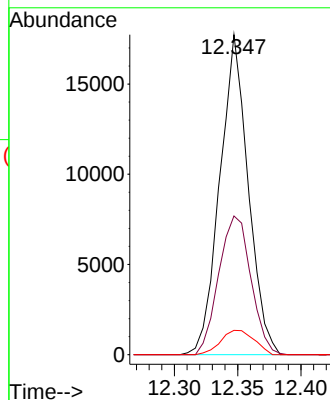
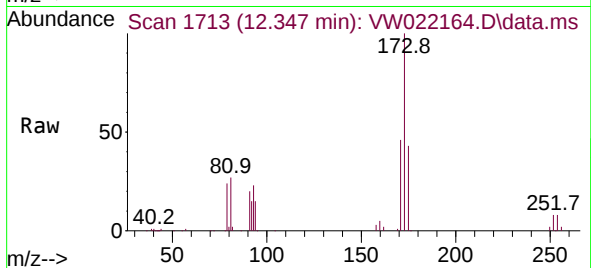
Tgt Ion:173 Resp: 27677

Ion Ratio Lower Upper

173 100

175 49.1 38.2 57.4

254 9.0 5.0 7.6#



#60

Isopropylbenzene

Concen: 22.485 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

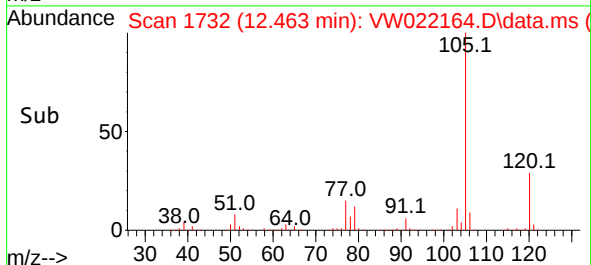
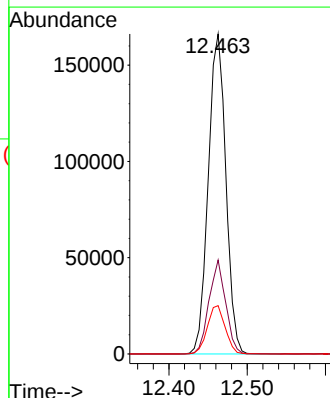
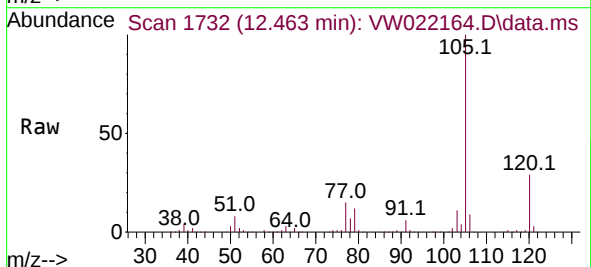
Tgt Ion:105 Resp: 258826

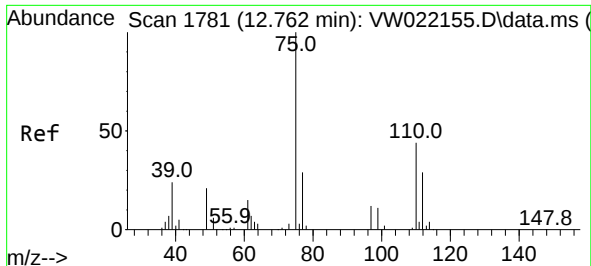
Ion Ratio Lower Upper

105 100

120 27.7 22.1 33.1

77 15.3 12.0 18.0





#61

1,2,3-Trichloropropane

Concen: 20.671 ug/L

RT: 12.768 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022164.D

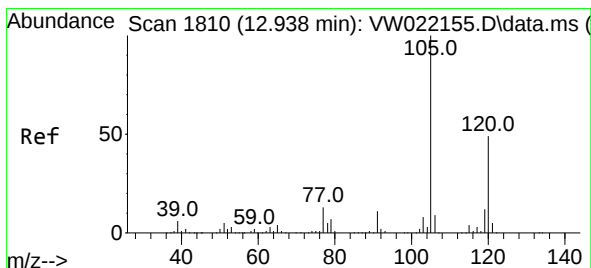
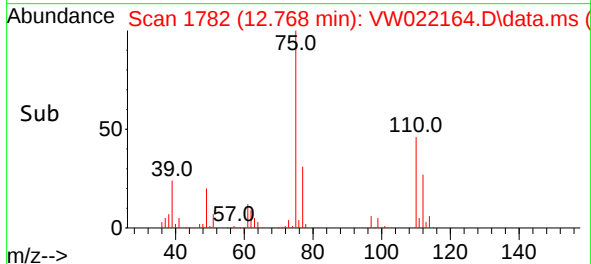
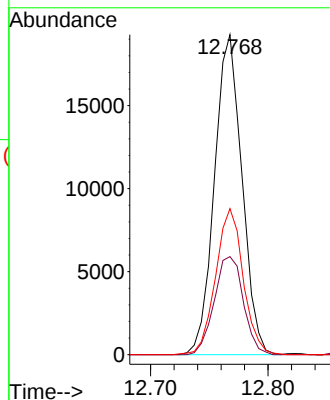
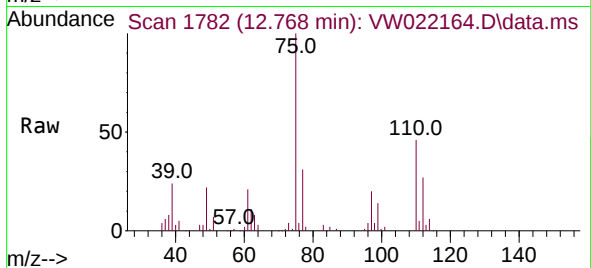
Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	31285
Ion Ratio	Lower	Upper	
75	100		
77	32.5	27.1	40.7
110	45.9	36.7	55.1



#62

1,3,5-Trimethylbenzene

Concen: 23.512 ug/L

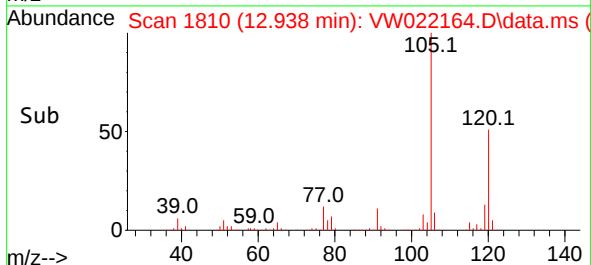
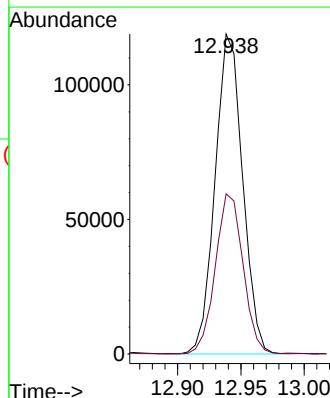
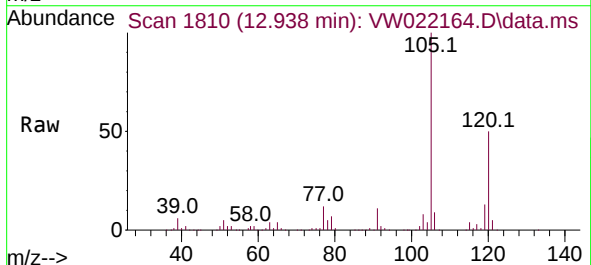
RT: 12.938 min Scan# 1810

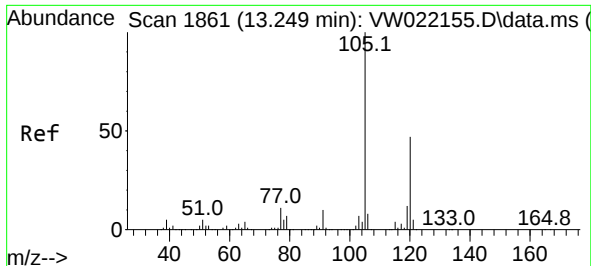
Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Tgt Ion:	105	Resp:	179971
Ion Ratio	Lower	Upper	
105	100		
120	50.4	41.5	62.3

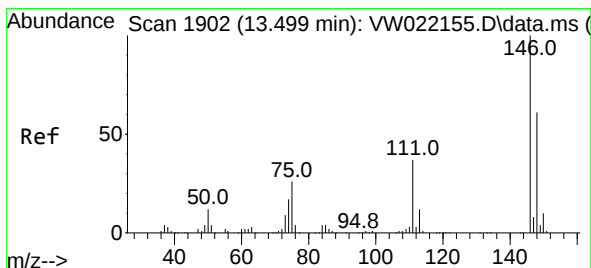
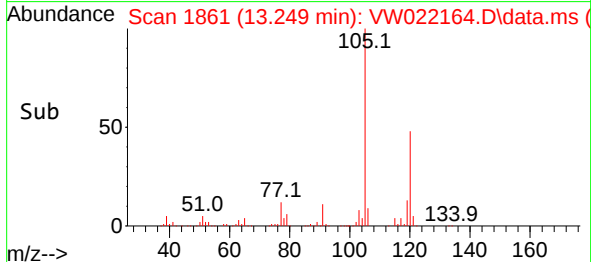
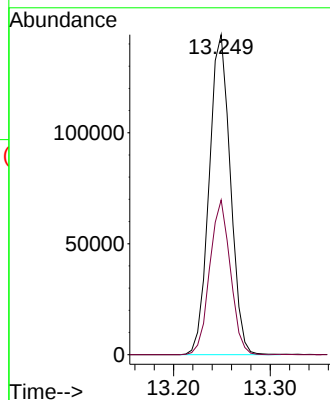
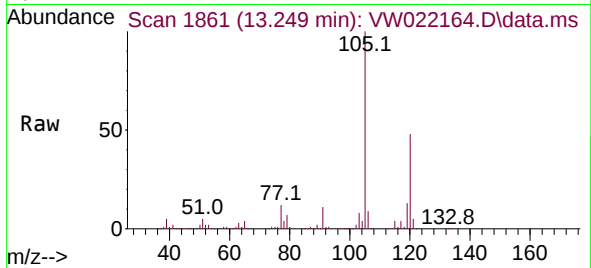




#63
1,2,4-Trimethylbenzene
Concen: 23.480 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

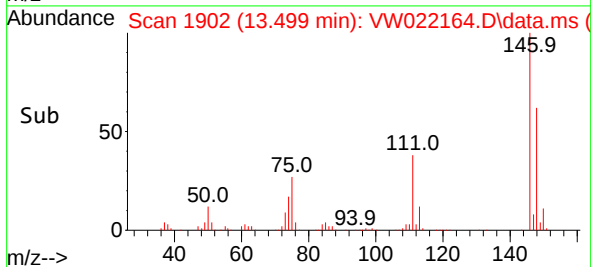
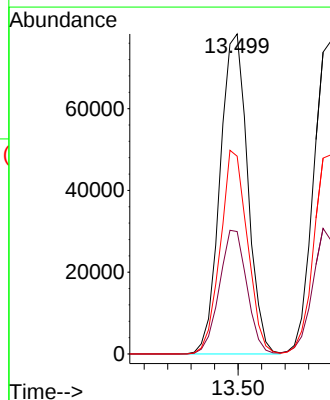
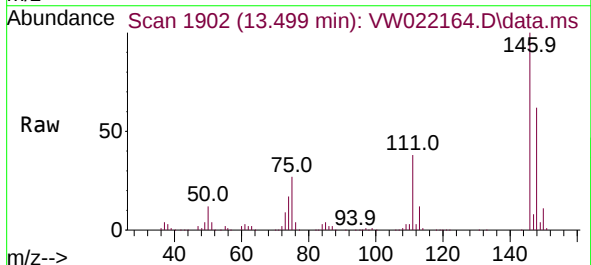
Instrument :
MSVOA_W
ClientSampleId :

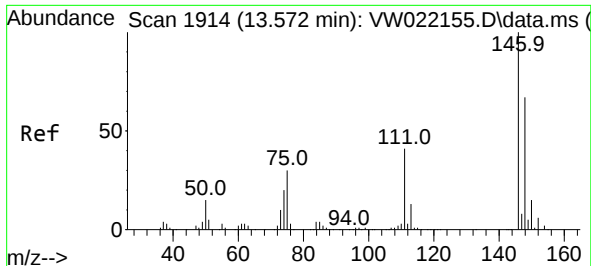
Tgt Ion:105 Resp: 219653
Ion Ratio Lower Upper
105 100
120 46.9 39.2 58.8



#64
1,3-Dichlorobenzene
Concen: 22.388 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:146 Resp: 127845
Ion Ratio Lower Upper
146 100
111 38.2 26.9 49.9
148 61.8 41.6 77.2

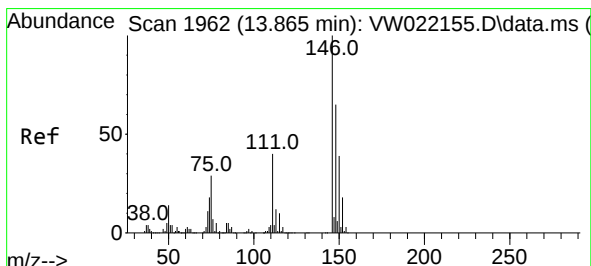
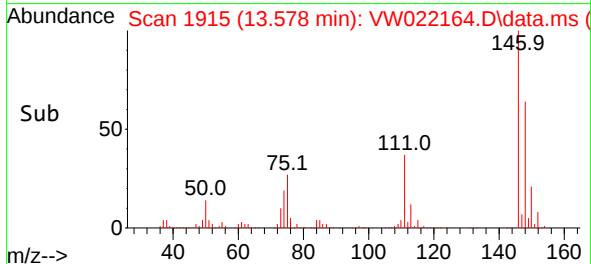
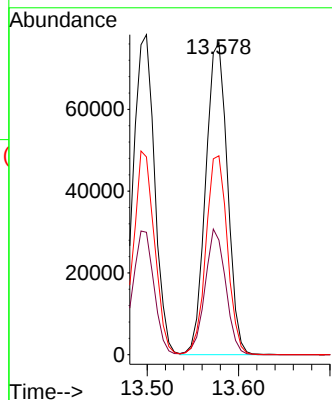
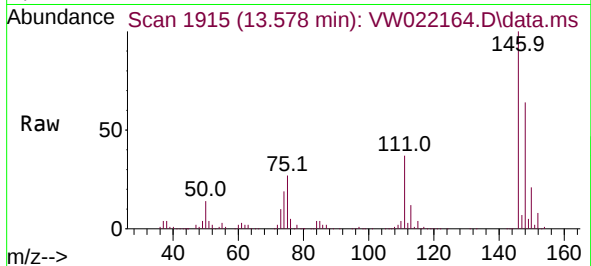




#65
1,4-Dichlorobenzene
Concen: 22.036 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

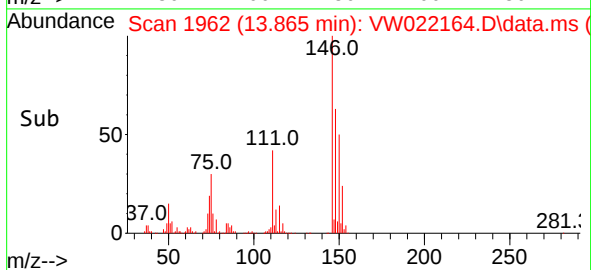
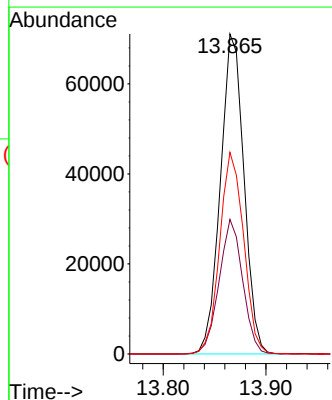
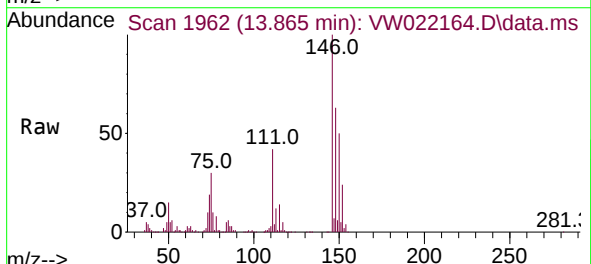
Instrument :
MSVOA_W
ClientSampleId :

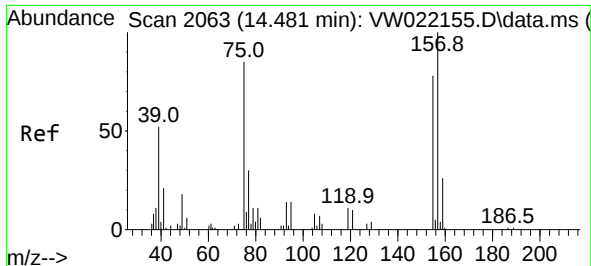
Tgt Ion:146 Resp: 126097
Ion Ratio Lower Upper
146 100
111 36.7 27.5 51.1
148 63.7 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 22.263 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:146 Resp: 113030
Ion Ratio Lower Upper
146 100
111 42.1 34.8 52.2
148 63.0 50.4 75.6





#68

1,2-Dibromo-3-chloropropane

Concen: 19.512 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

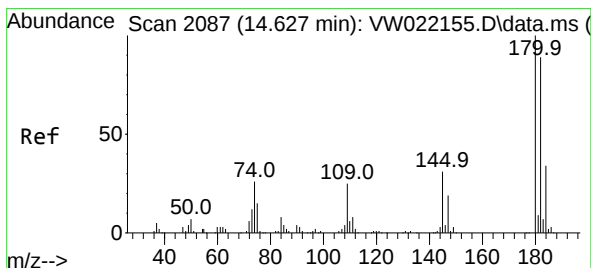
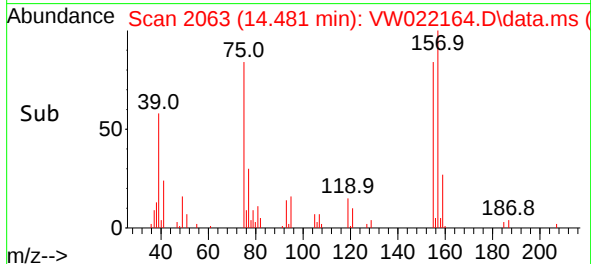
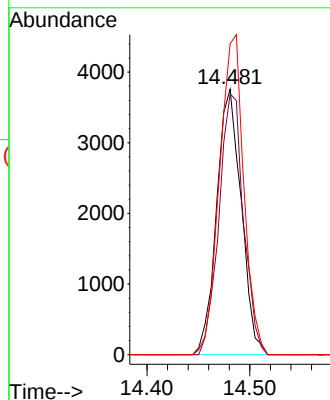
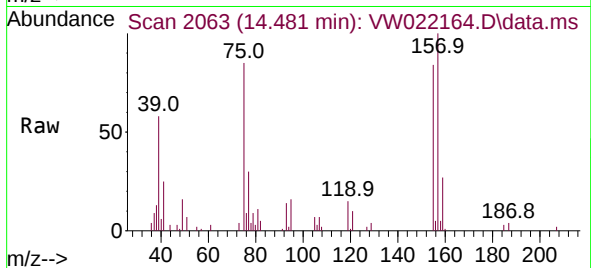
Tgt Ion: 75 Resp: 6243

Ion Ratio Lower Upper

75 100

155 98.3 58.2 87.2#

157 117.1 80.5 120.7



#69

1,3,5-Trichlorobenzene

Concen: 21.916 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Tgt Ion:180 Resp: 89827

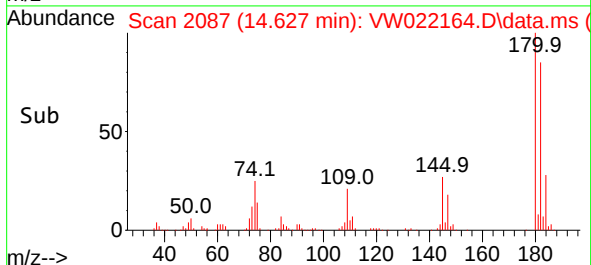
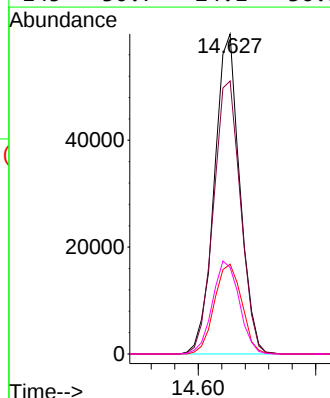
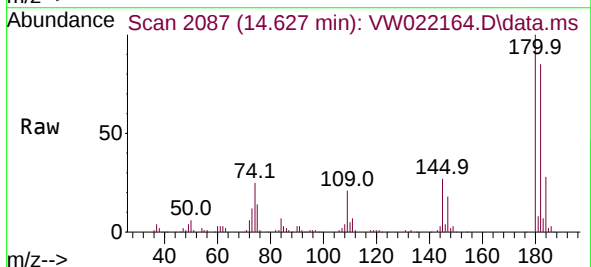
Ion Ratio Lower Upper

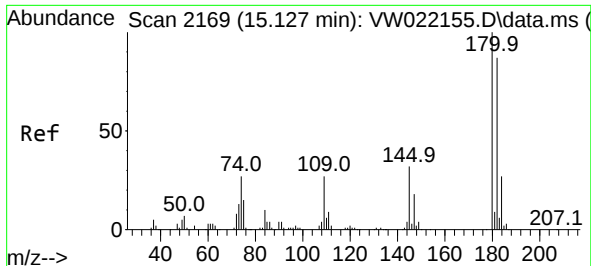
180 100

182 90.6 69.4 104.0

184 30.3 21.8 32.8

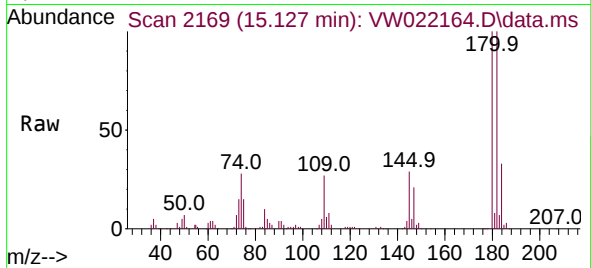
145 30.7 24.1 36.1



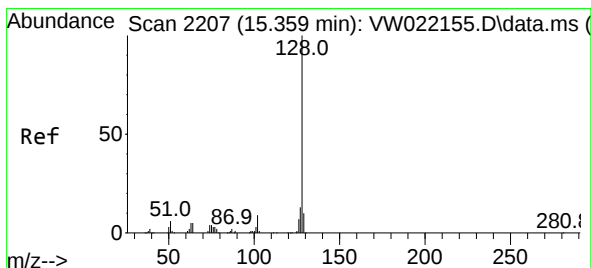
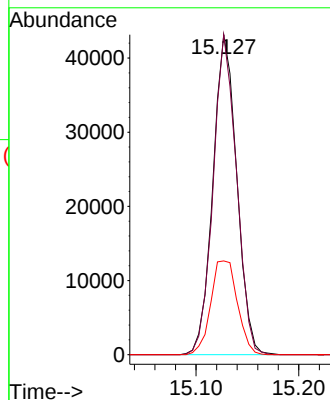
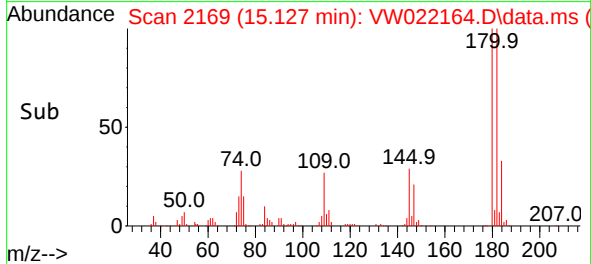


#70
1,2,4-trichlorobenzene
Concen: 22.469 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

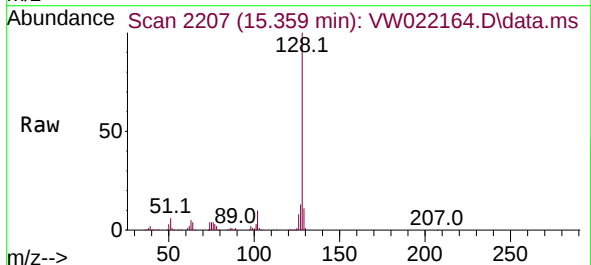
Instrument :
MSVOA_W
ClientSampleId :



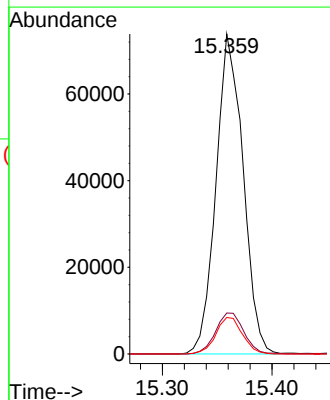
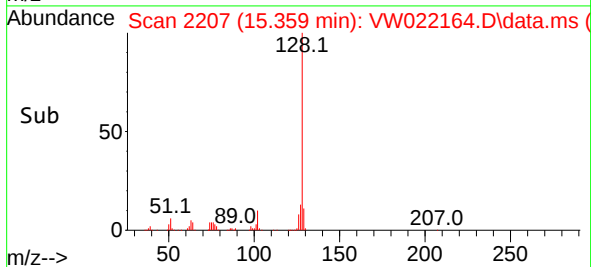
Tgt Ion:180 Resp: 69680
Ion Ratio Lower Upper
180 100
182 97.7 77.8 116.6
145 32.7 25.8 38.6

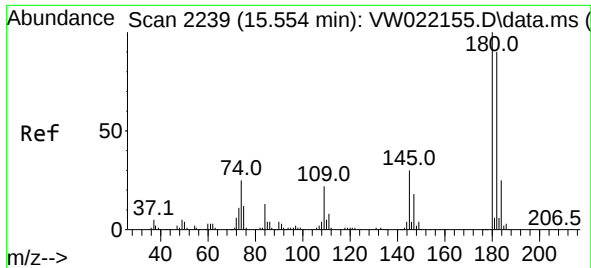


#71
Naphthalene
Concen: 23.138 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



Tgt Ion:128 Resp: 126668
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 11.2 8.9 13.3





#72

1,2,3-Trichlorobenzene

Concen: 22.551 ug/L

RT: 15.554 min Scan# 21

Delta R.T. -0.000 min

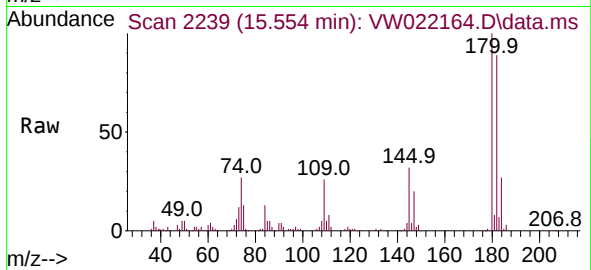
Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 60489

Ion Ratio Lower Upper

180 100

182 95.4 79.0 118.4

145 32.9 28.0 42.0

