

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022759.D
 Acq On : 02 May 2022 23:06
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 01:47:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	321547	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	311900	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	163288	24.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.000%
7) Chloroethane-d5	2.885	69	115513	26.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.640%
11) 1,1-Dichloroethene-d2	4.019	63	195093	22.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.560%
21) 2-Butanone-d5	7.080	46	72569	57.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.720%
24) Chloroform-d	7.647	84	251720	26.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.305	65	141124	27.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.240%
32) Benzene-d6	8.275	84	479854	26.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.760%
36) 1,2-Dichloropropane-d6	9.275	67	139964	27.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.880%
41) Toluene-d8	10.323	98	467375	26.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.640%
43) trans-1,3-Dichloroprop...	10.573	79	63061	27.120	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.480%
47) 2-Hexanone-d5	10.921	63	61151	63.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	142499	30.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	169947	28.400	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	47994	27.380	ug/L	94
3) Chloromethane	2.215	50	73489	21.696	ug/L	99
5) Vinyl chloride	2.361	62	150524	22.143	ug/L	99
6) Bromomethane	2.776	94	97719	22.389	ug/L	99
8) Chloroethane	2.922	64	76432	23.312	ug/L	96
9) Trichlorofluoromethane	3.257	101	55932	18.002	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	96127	20.691	ug/L	96
12) 1,1-Dichloroethene	4.044	96	87476	21.241	ug/L	95
13) Acetone	4.129	43	35091	37.367	ug/L	99
14) Carbon disulfide	4.385	76	232019	20.550	ug/L	99
15) Methyl Acetate	4.666	43	45978	24.371	ug/L	98
16) Methylene chloride	4.916	84	112620	23.936	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	99819	21.538	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	166656	23.556	ug/L	99
19) 1,1-Dichloroethane	6.214	63	178605	22.739	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	113720	22.845	ug/L #	97
22) 2-Butanone	7.171	43	60766	46.270	ug/L	99
23) Bromochloromethane	7.513	128	53328	22.875	ug/L	95
25) Chloroform	7.671	83	200528	23.088	ug/L	97

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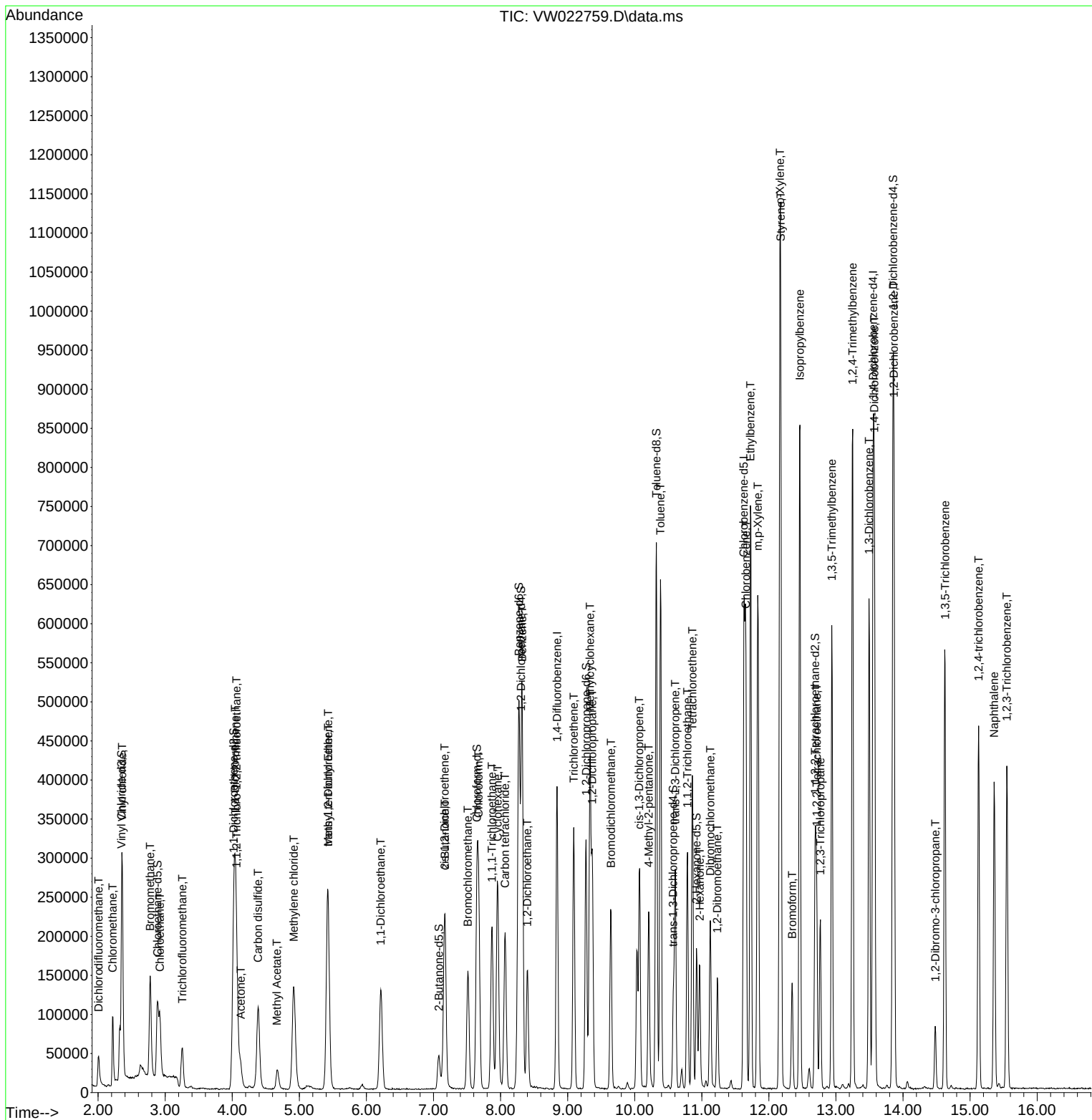
Instrument :
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 ClientSampleId :

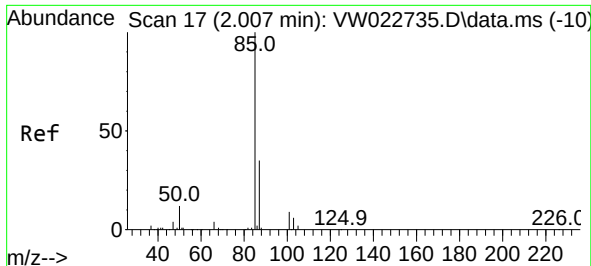
Quant Time: May 03 01:47:33 2022
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 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	136094	23.507	ug/L	99
29) Cyclohexane	7.958	56	145981	21.641	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	163928	22.240	ug/L	98
31) Carbon tetrachloride	8.067	117	147763	21.431	ug/L	100
33) Benzene	8.324	78	423602	23.054	ug/L	100
34) Trichloroethene	9.092	95	113778	22.516	ug/L	100
35) Methylcyclohexane	9.336	83	181232	21.832	ug/L	100
37) 1,2-Dichloropropane	9.366	63	102781	23.115	ug/L	99
38) Bromodichloromethane	9.646	83	149999	23.750	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	163303	23.686	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	140395	50.094	ug/L	98
42) Toluene	10.384	91	480190	23.319	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	149300	24.261	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	91949	24.737	ug/L	91
46) Tetrachloroethene	10.860	164	83443	21.973	ug/L	88
48) 2-Hexanone	10.969	43	99151	52.949	ug/L	99
49) Dibromochloromethane	11.128	129	110208	24.634	ug/L	99
50) 1,2-Dibromoethane	11.232	107	90643	24.285	ug/L #	99
51) Chlorobenzene	11.658	112	309912	22.829	ug/L	96
52) Ethylbenzene	11.725	91	535096	23.358	ug/L	98
53) m,p-Xylene	11.835	106	210786	23.352	ug/L	99
54) o-Xylene	12.164	106	202783	23.410	ug/L	99
55) Styrene	12.177	104	360777	24.511	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	118044	25.425	ug/L	96
59) Bromoform	12.347	173	57052	23.517	ug/L	99
60) Isopropylbenzene	12.463	105	558142	23.800	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83401	24.383	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	303872	23.290	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	471667	24.076	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	250375	23.913	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	255850	23.657	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	230668	24.075	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18986	25.398	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	161017	23.167	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	138992	24.861	ug/L	97
71) Naphthalene	15.359	128	332322	27.348	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	127682	25.768	ug/L	99

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

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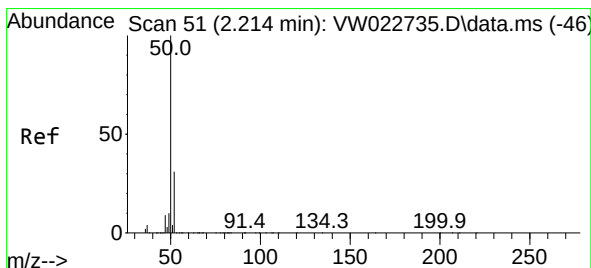
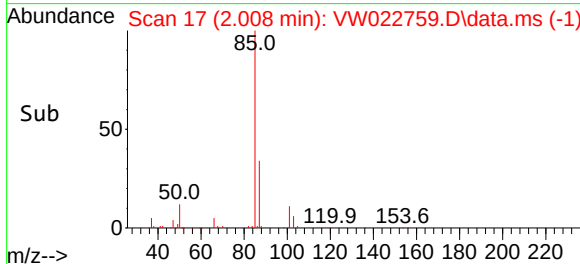
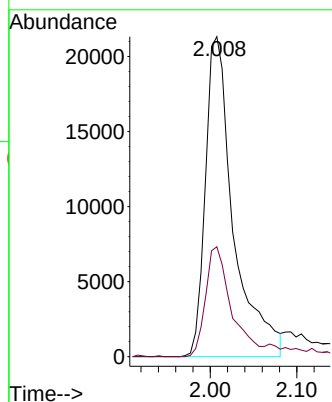
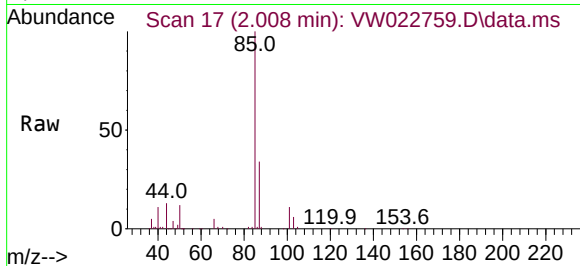




#2
 Dichlorodifluoromethane
 Concen: 27.380 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022759.D
 Acq: 02 May 2022 23:06

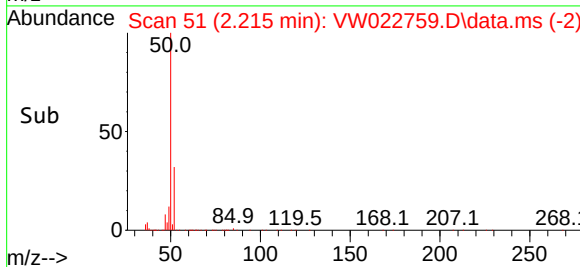
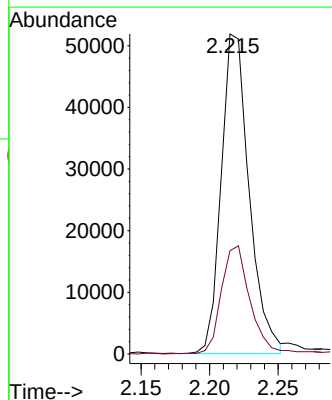
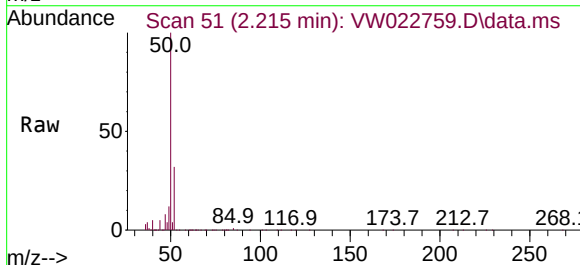
Instrument :
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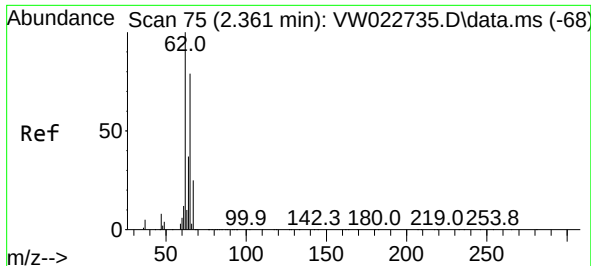
Tgt Ion: 85 Resp: 47994
 Ion Ratio Lower Upper
 85 100
 87 31.4 27.8 41.8



#3
 Chloromethane
 Concen: 21.696 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022759.D
 Acq: 02 May 2022 23:06

Tgt Ion: 50 Resp: 73489
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.1 42.9

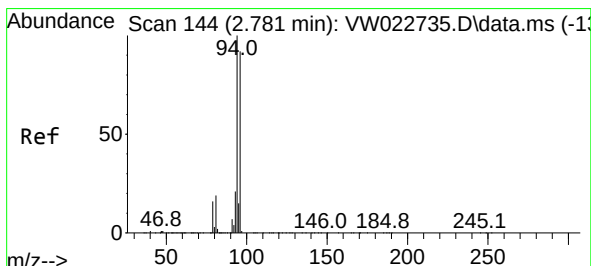
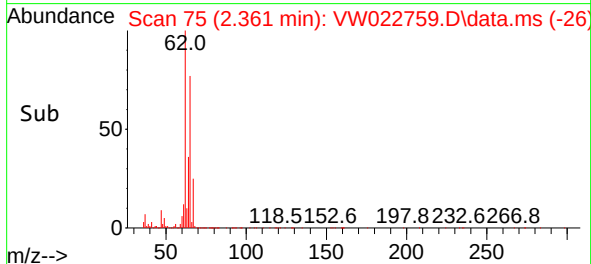
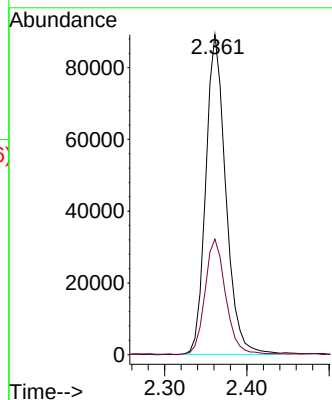
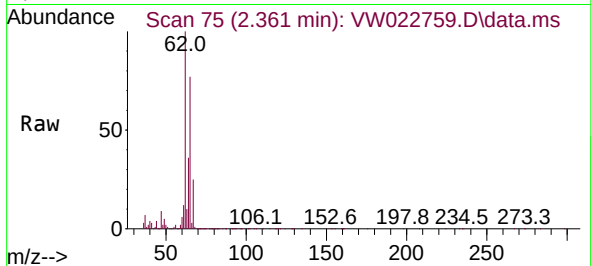




#5
 Vinyl chloride
 Concen: 22.143 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022759.D
 Acq: 02 May 2022 23:06

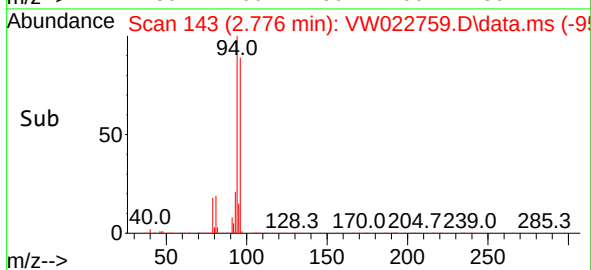
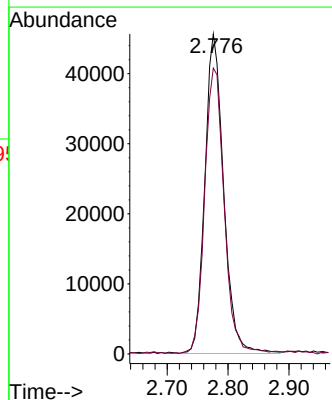
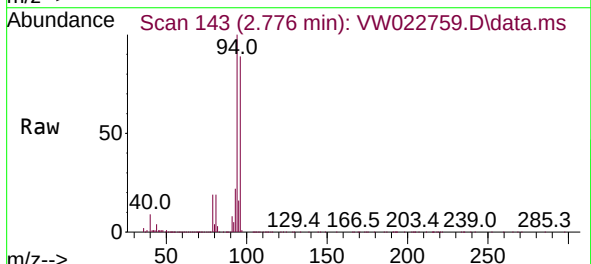
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 ClientSampleId :

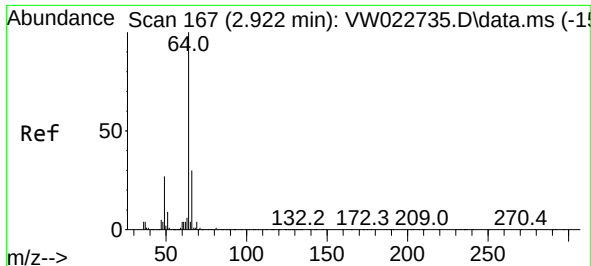
Tgt Ion: 62 Resp: 150524
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.9 46.3



#6
 Bromomethane
 Concen: 22.389 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022759.D
 Acq: 02 May 2022 23:06

Tgt Ion: 94 Resp: 97719
 Ion Ratio Lower Upper
 94 100
 96 89.4 61.7 114.5

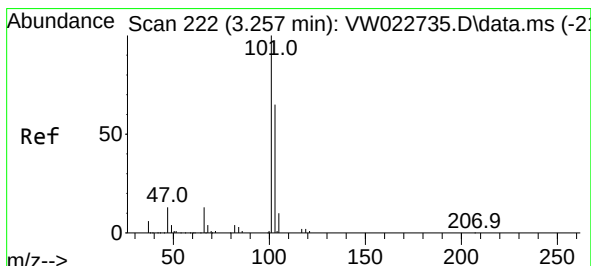
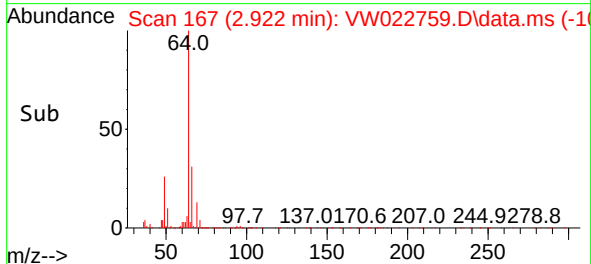
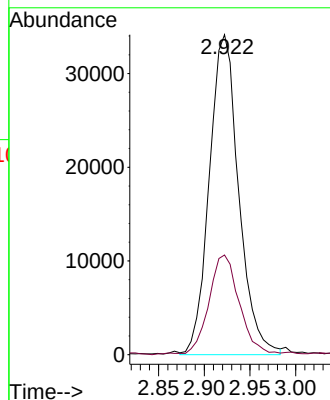
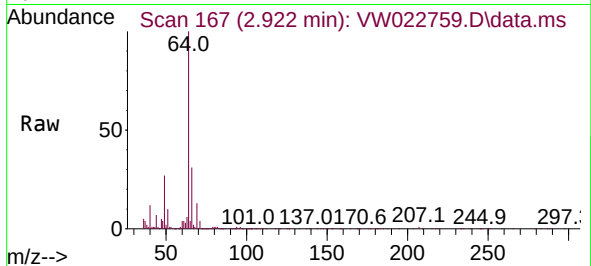




#8
Chloroethane
Concen: 23.312 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

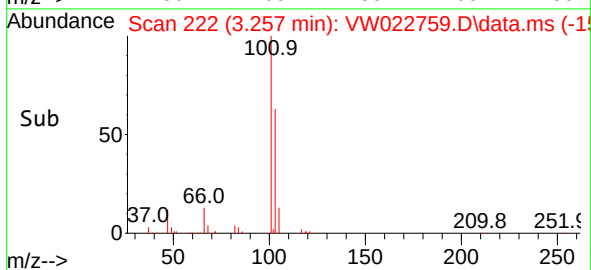
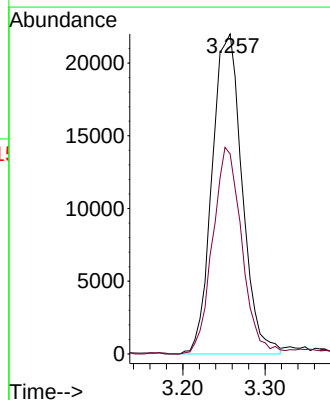
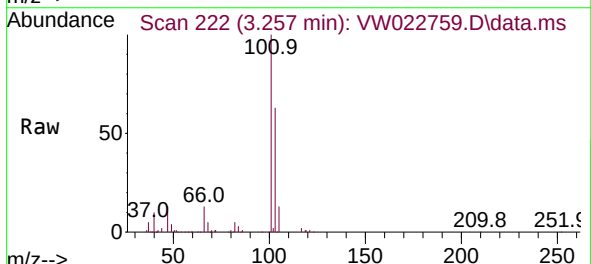
Instrument :
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ClientSampleId :

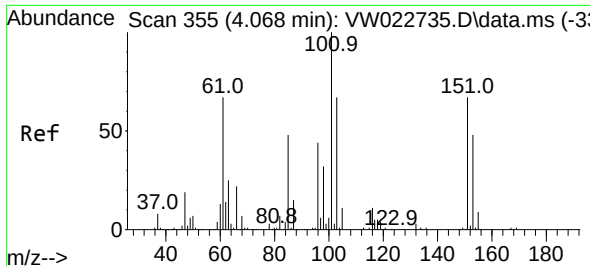
Tgt Ion: 64 Resp: 76432
Ion Ratio Lower Upper
64 100
66 31.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.002 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 101 Resp: 55932
Ion Ratio Lower Upper
101 100
103 62.6 53.9 80.9

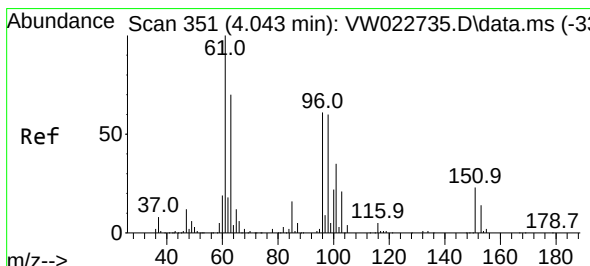
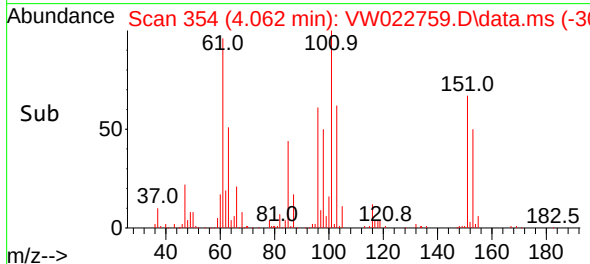
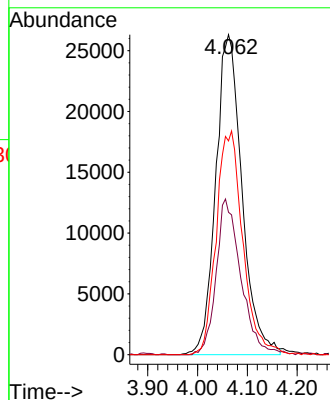
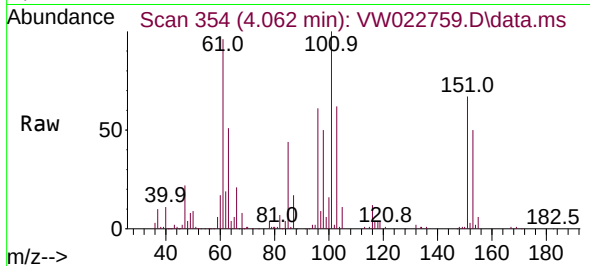




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.691 ug/L
 RT: 4.062 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW022759.D
 Acq: 02 May 2022 23:06

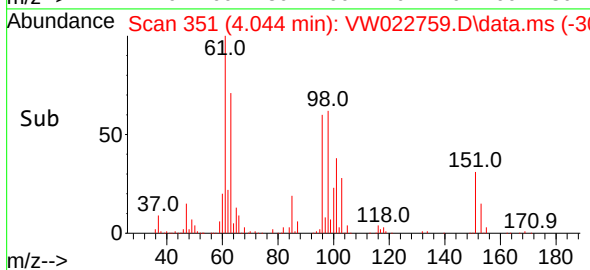
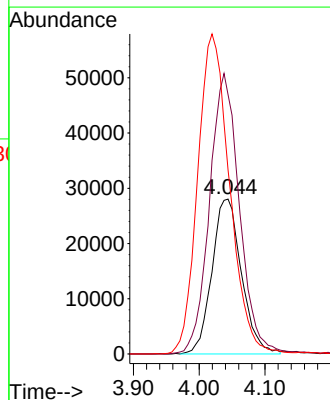
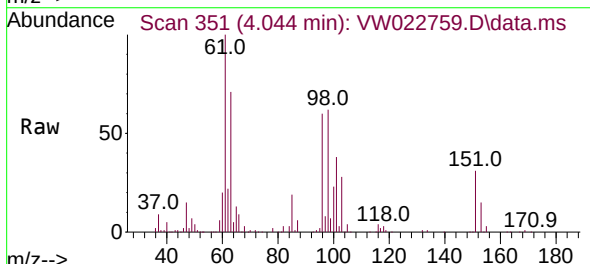
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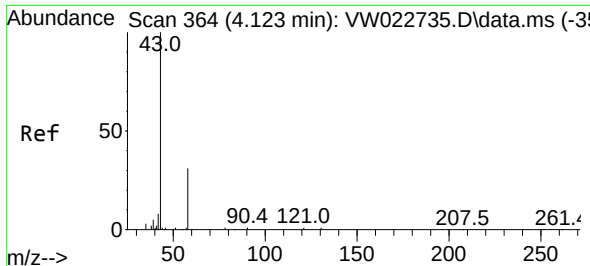
Tgt Ion:101 Resp: 96127
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.3 51.5
 151 70.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.241 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022759.D
 Acq: 02 May 2022 23:06

Tgt Ion: 96 Resp: 87476
 Ion Ratio Lower Upper
 96 100
 61 167.6 125.7 233.5
 63 119.0 83.4 155.0

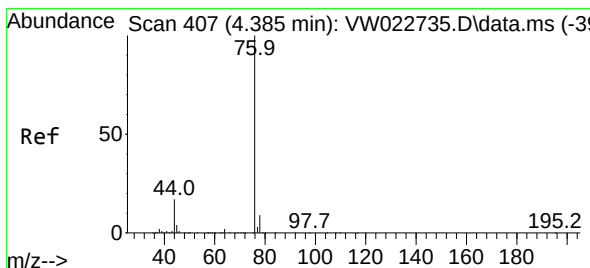
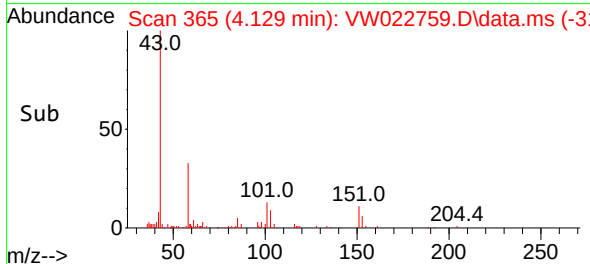
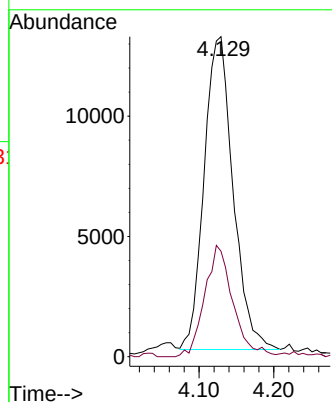
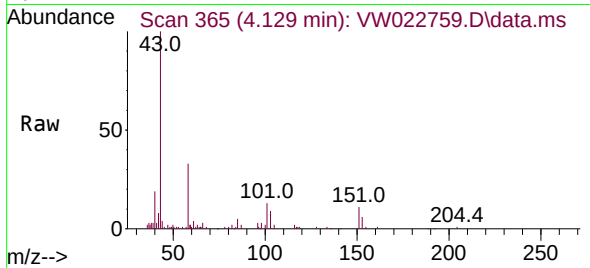




#13
Acetone
Concen: 37.367 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.007 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

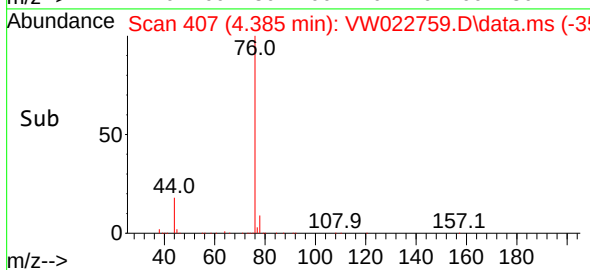
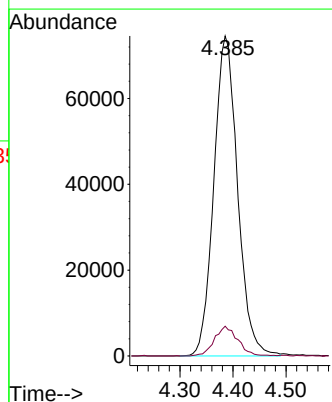
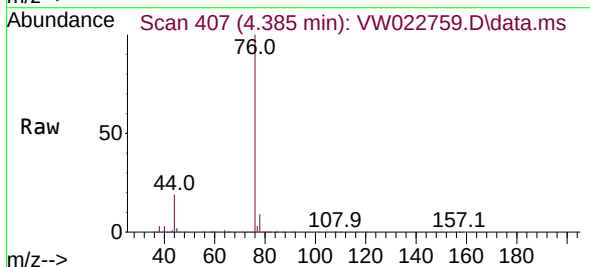
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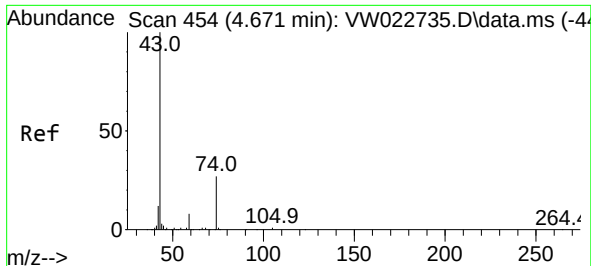
Tgt Ion: 43 Resp: 35091
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.0



#14
Carbon disulfide
Concen: 20.550 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 76 Resp: 232019
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

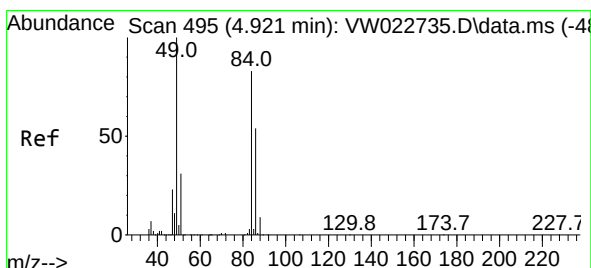
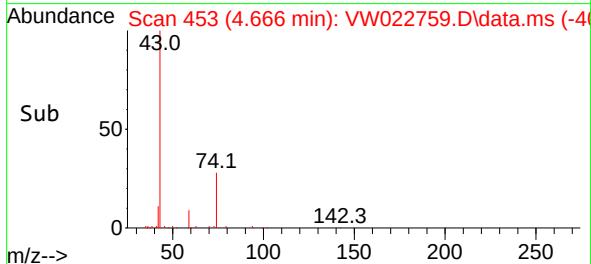
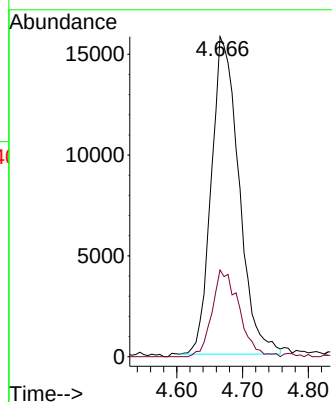
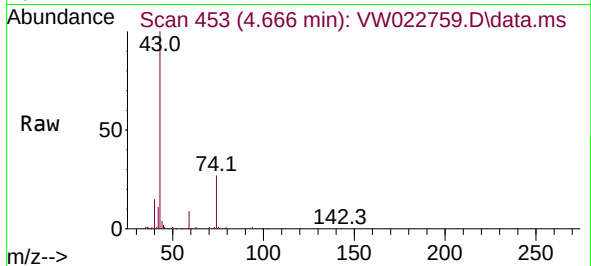




#15
Methyl Acetate
Concen: 24.371 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

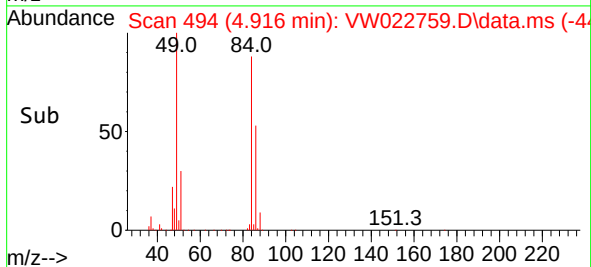
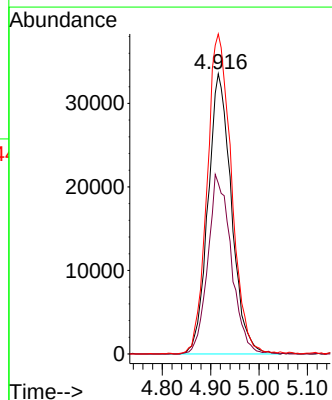
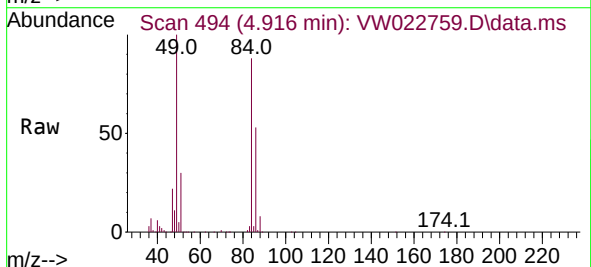
Instrument :
MSVOA_W
ClientSampleId :

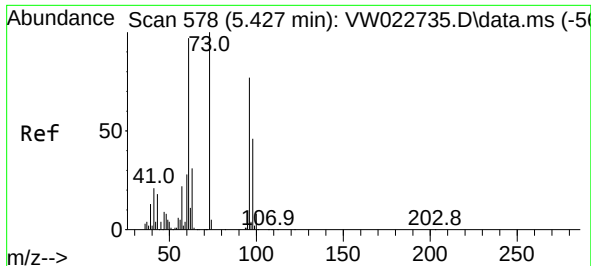
Tgt Ion: 43 Resp: 45978
Ion Ratio Lower Upper
43 100
74 26.4 21.9 32.9



#16
Methylene chloride
Concen: 23.936 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 84 Resp: 112620
Ion Ratio Lower Upper
84 100
86 60.9 45.4 84.4
49 114.2 82.5 153.1

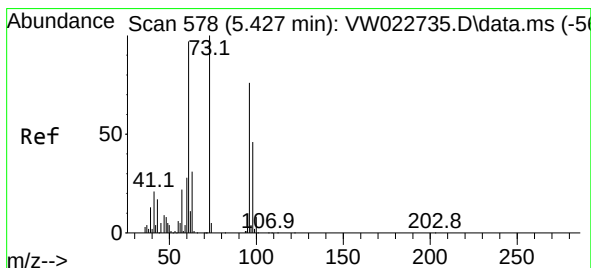
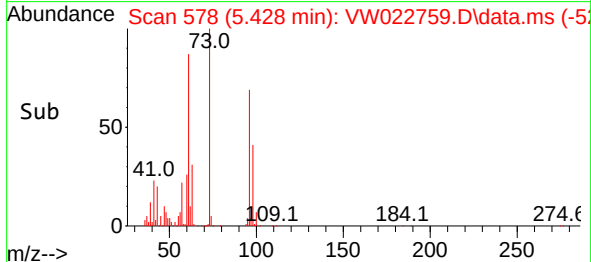
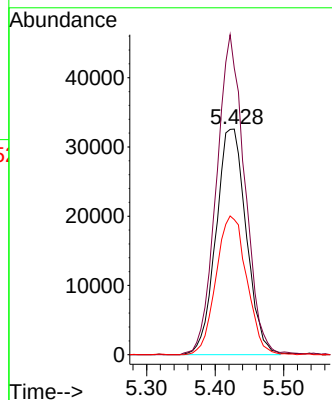
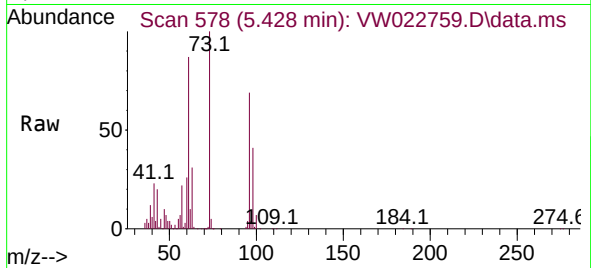




#17
trans-1,2-Dichloroethene
Concen: 21.538 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

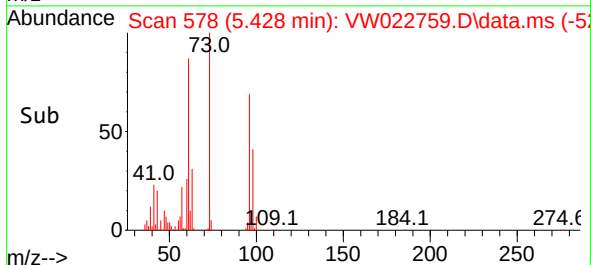
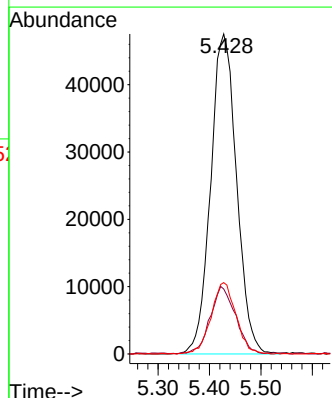
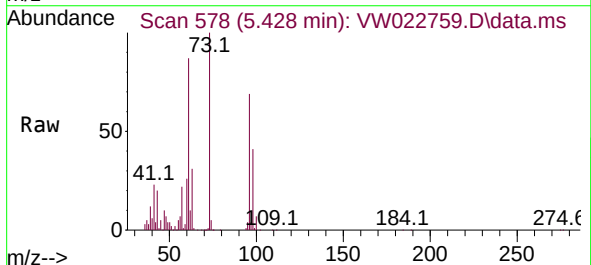
Instrument :
MSVOA_W
ClientSampleId :

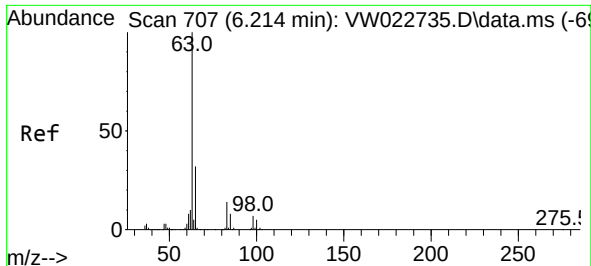
Tgt Ion: 96 Resp: 99819
Ion Ratio Lower Upper
96 100
61 127.0 92.2 171.2
98 59.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.556 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 73 Resp: 166656
Ion Ratio Lower Upper
73 100
43 20.2 15.9 23.9
57 21.4 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.739 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

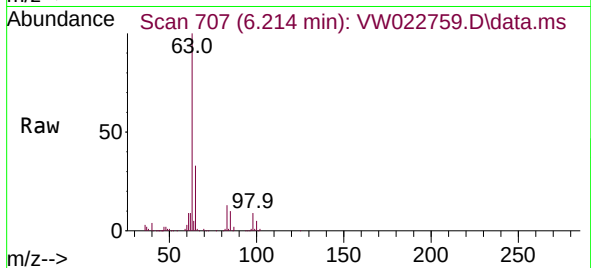
Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

ClientSampleId :



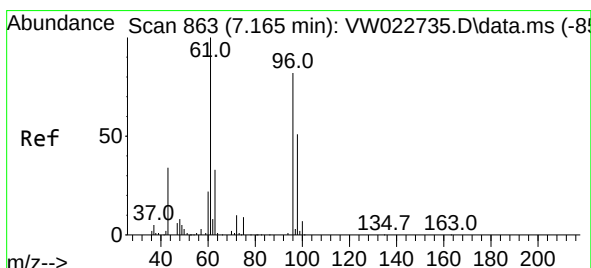
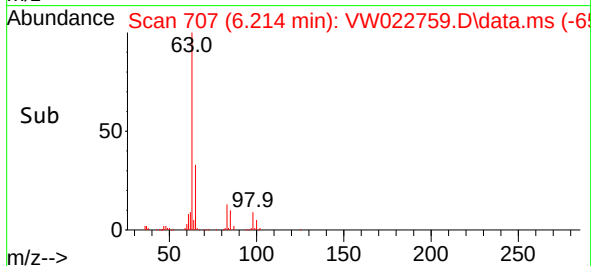
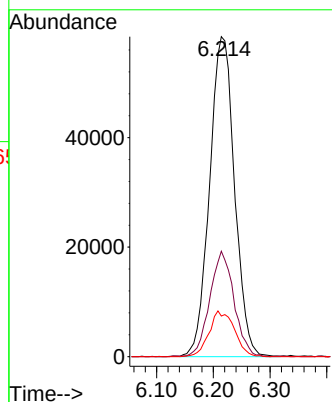
Tgt Ion: 63 Resp: 178605

Ion Ratio Lower Upper

63 100

65 33.0 23.3 43.3

83 12.7 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.845 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

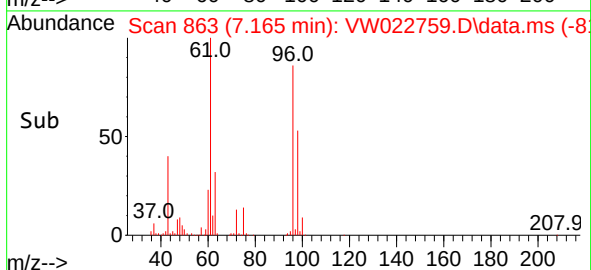
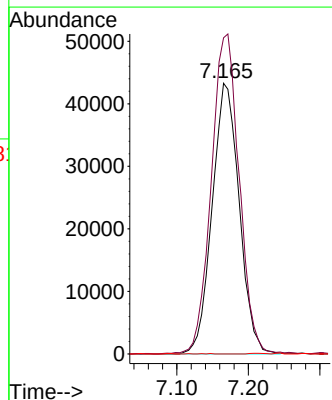
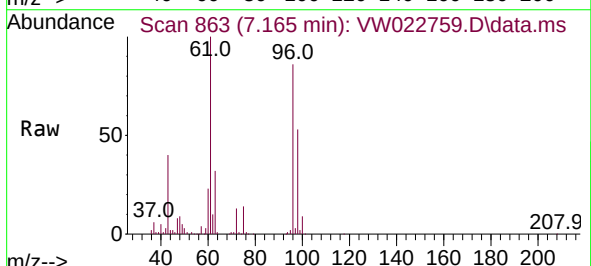
Tgt Ion: 96 Resp: 113720

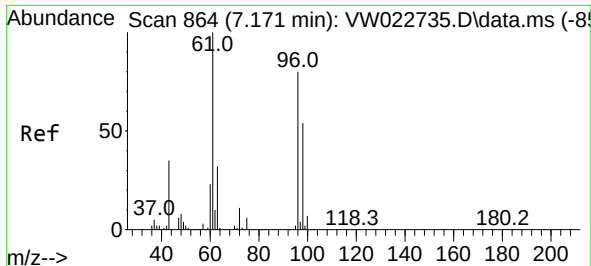
Ion Ratio Lower Upper

96 100

61 116.8 84.2 156.4

68 0.0 0.1 0.1#

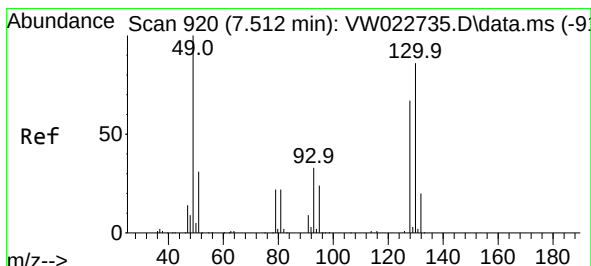
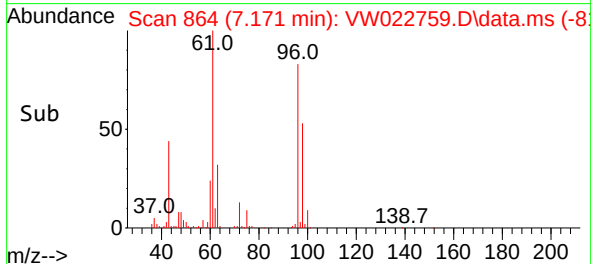
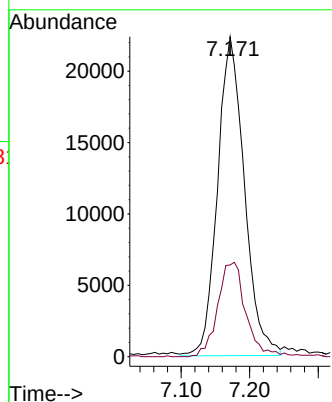
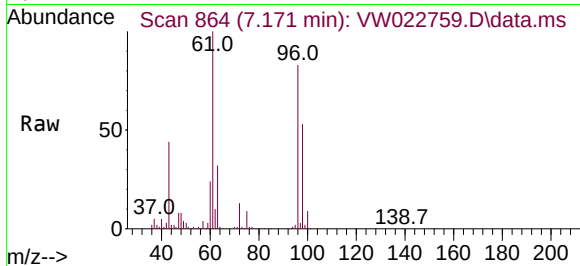




#22
2-Butanone
Concen: 46.270 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

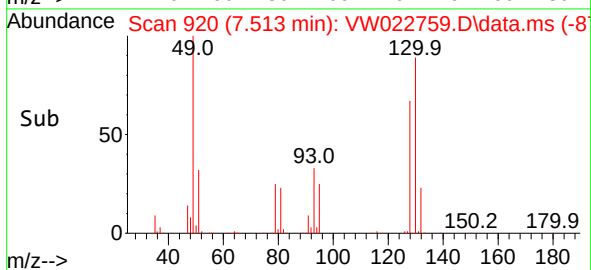
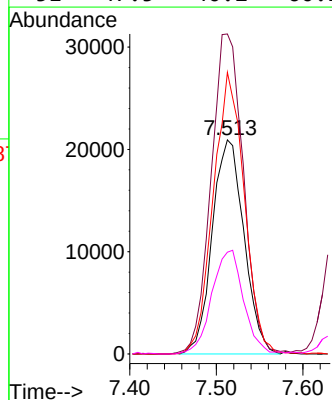
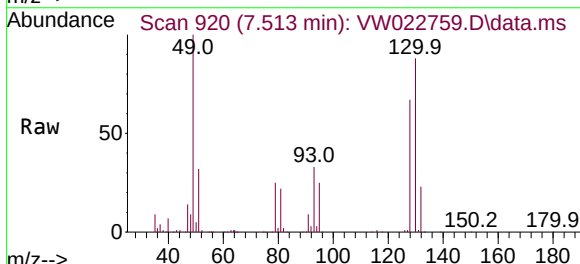
Instrument :
MSVOA_W
ClientSampleId :

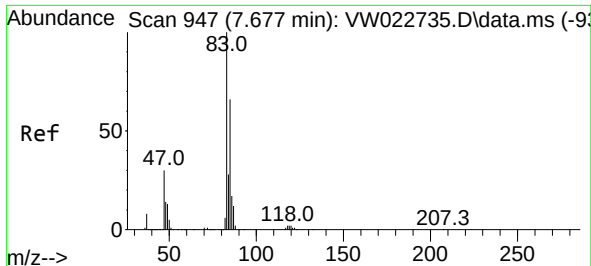
Tgt Ion: 43 Resp: 60766
Ion Ratio Lower Upper
43 100
72 29.8 15.1 45.3



#23
Bromochloromethane
Concen: 22.875 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 128 Resp: 53328
Ion Ratio Lower Upper
128 100
49 149.5 110.0 204.4
130 131.5 94.8 176.0
51 47.5 40.2 60.2

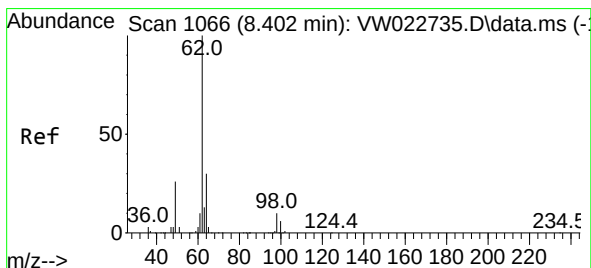
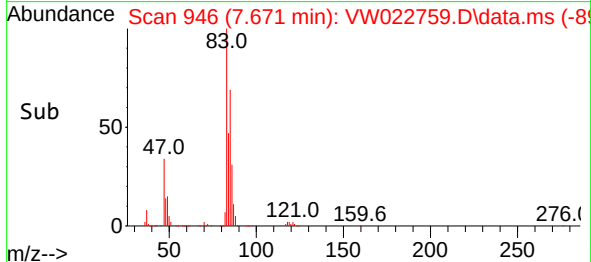
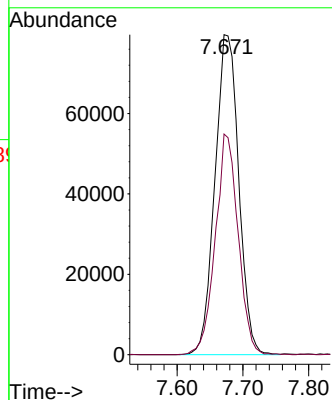
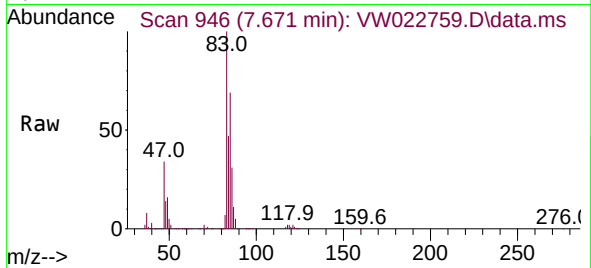




#25
Chloroform
Concen: 23.088 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

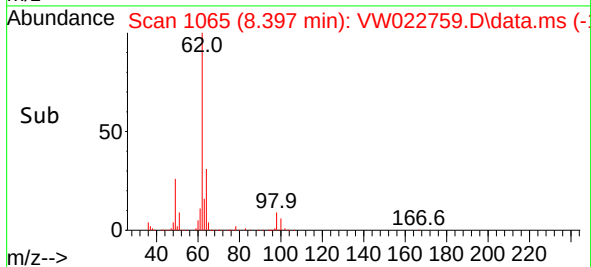
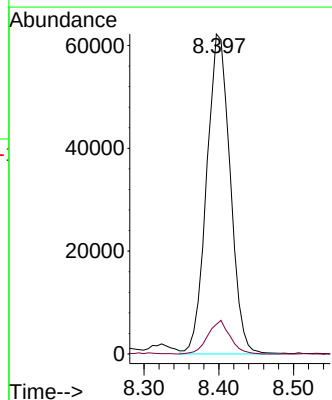
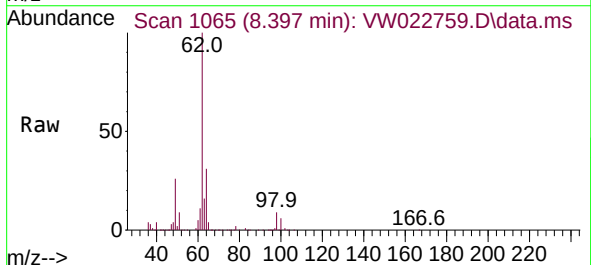
Instrument :
MSVOA_W
ClientSampleId :

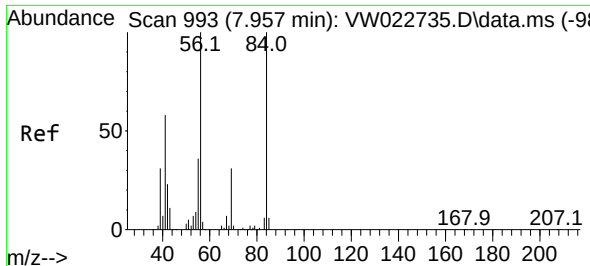
Tgt Ion: 83 Resp: 200528
Ion Ratio Lower Upper
83 100
85 69.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.507 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

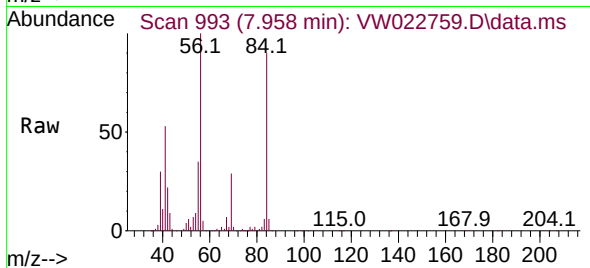
Tgt Ion: 62 Resp: 136094
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8



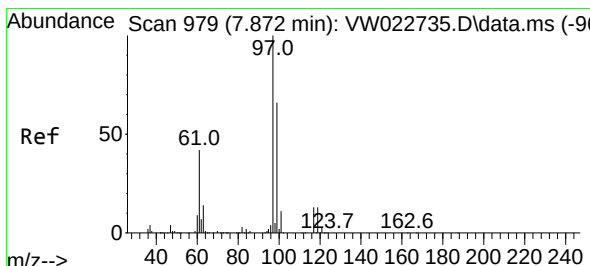
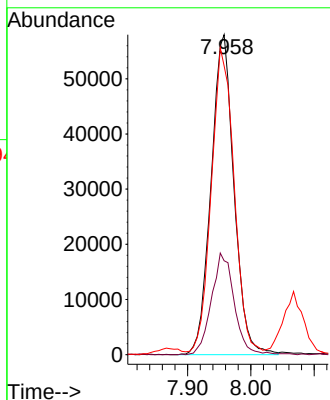
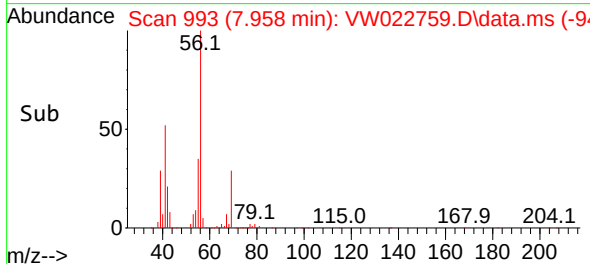


#29
Cyclohexane
Concen: 21.641 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Instrument :
MSVOA_W
ClientSampleId :

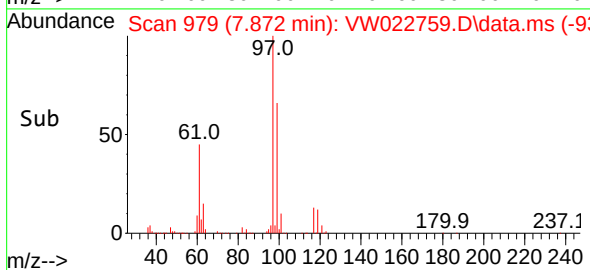
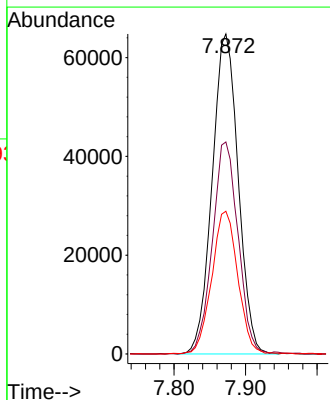
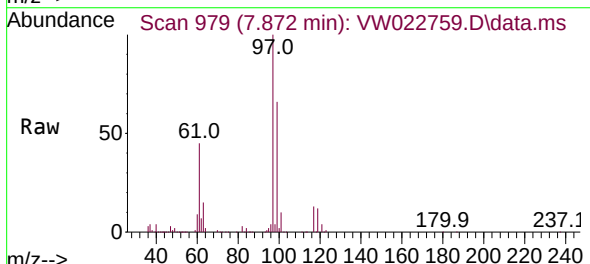


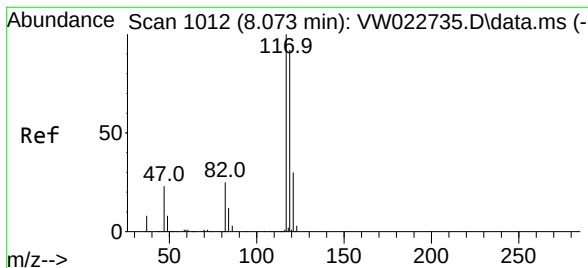
Tgt Ion: 56 Resp: 145981
Ion Ratio Lower Upper
56 100
69 31.1 25.6 38.4
84 95.8 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 22.240 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 97 Resp: 163928
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 44.5 34.8 52.2

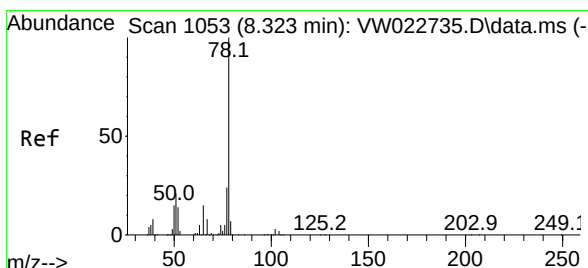
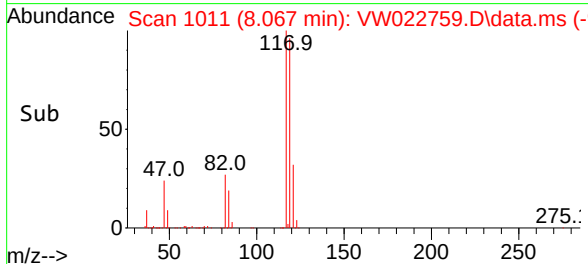
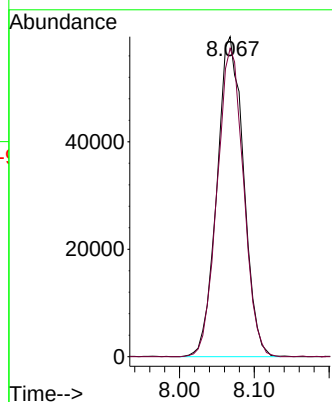
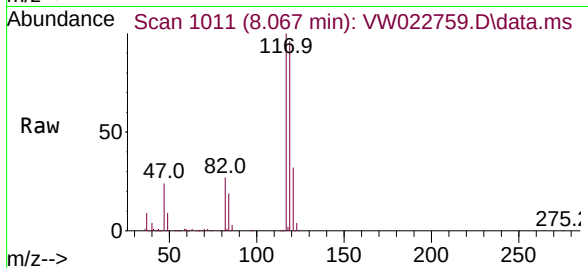




#31
Carbon tetrachloride
Concen: 21.431 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

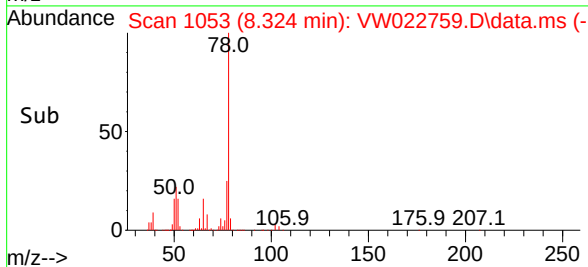
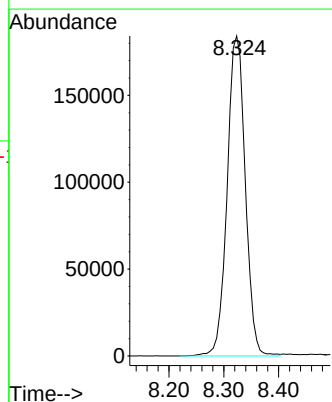
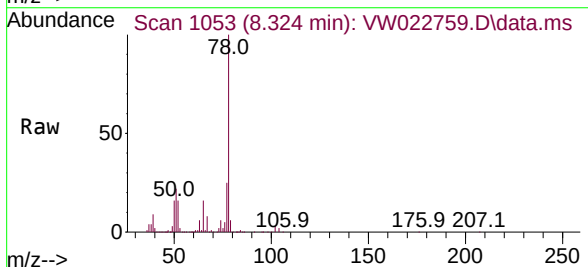
Instrument :
MSVOA_W
ClientSampleId :

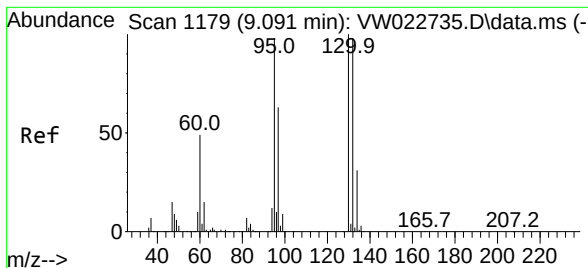
Tgt Ion:117 Resp: 147763
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0



#33
Benzene
Concen: 23.054 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 78 Resp: 423602





#34

Trichloroethene

Concen: 22.516 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

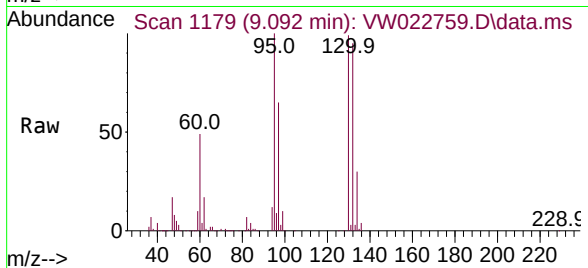
Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 113778

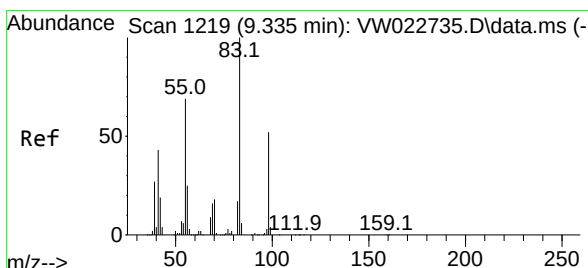
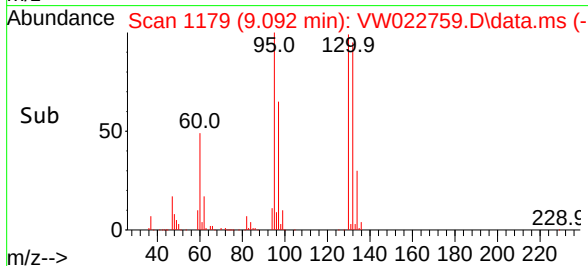
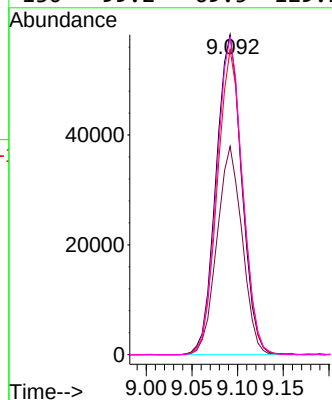
Ion Ratio Lower Upper

95 100

97 65.1 46.1 85.7

132 95.4 66.9 124.3

130 99.2 69.5 129.1



#35

Methylcyclohexane

Concen: 21.832 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

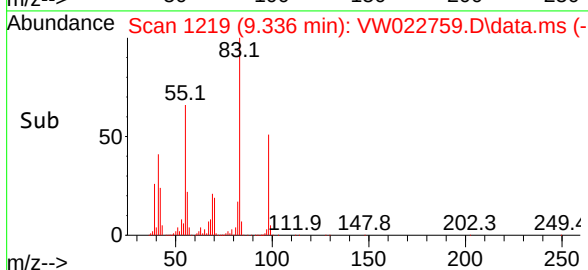
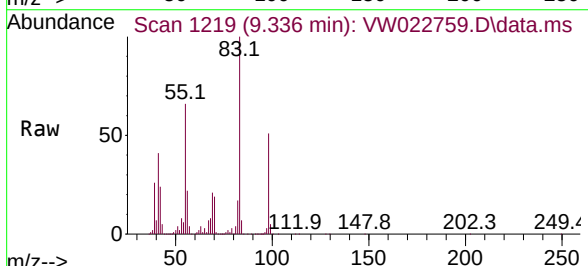
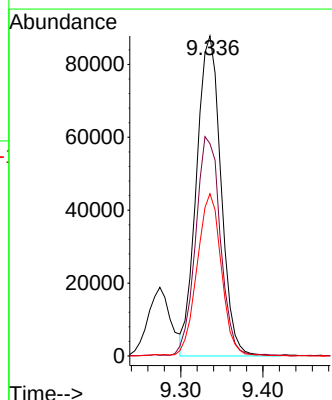
Tgt Ion: 83 Resp: 181232

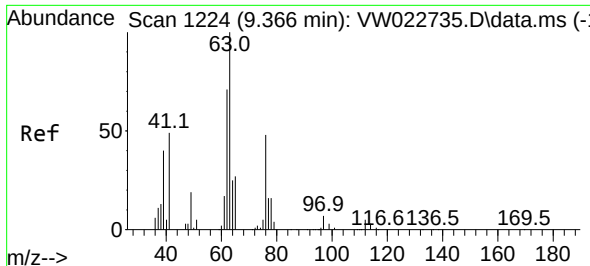
Ion Ratio Lower Upper

83 100

55 69.4 55.1 82.7

98 50.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.115 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

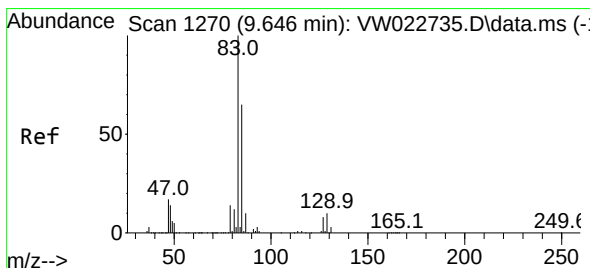
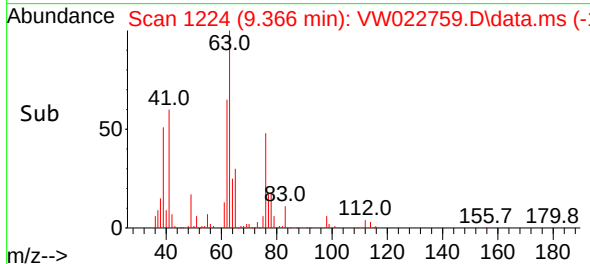
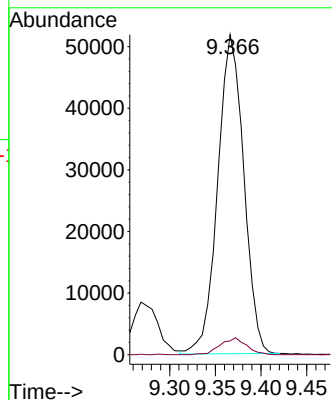
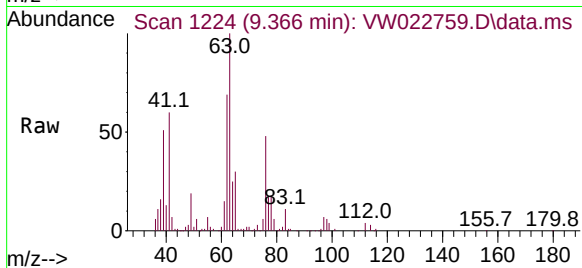
ClientSampleId :

Tgt Ion: 63 Resp: 102781

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 23.750 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

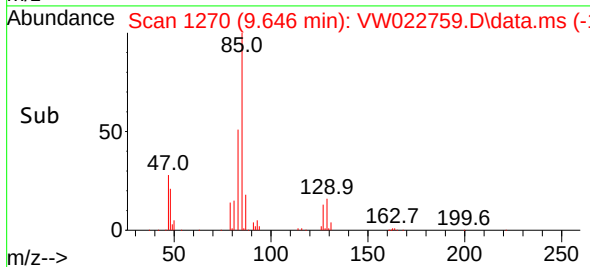
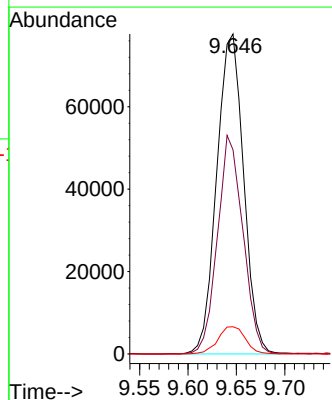
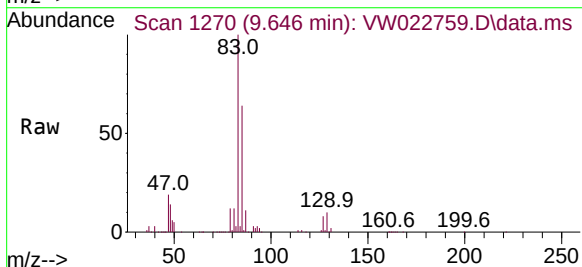
Tgt Ion: 83 Resp: 149999

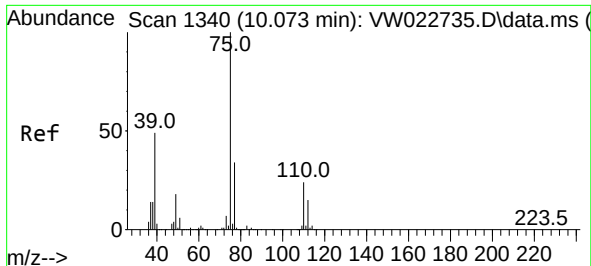
Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.686 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

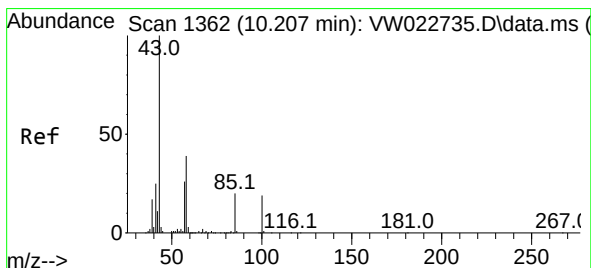
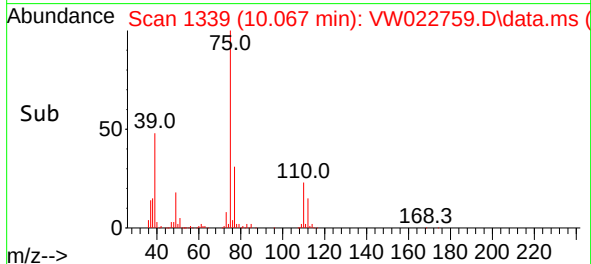
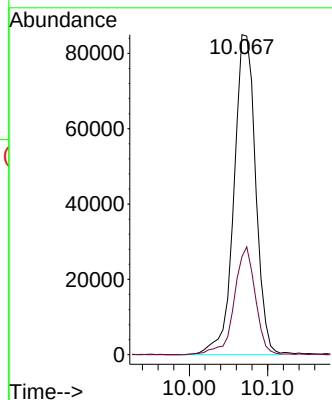
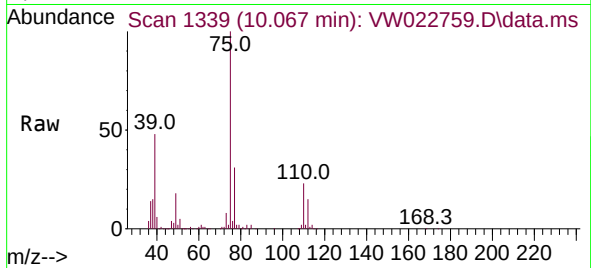
ClientSampleId :

Tgt Ion: 75 Resp: 163303

Ion Ratio Lower Upper

75 100

77 30.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.094 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

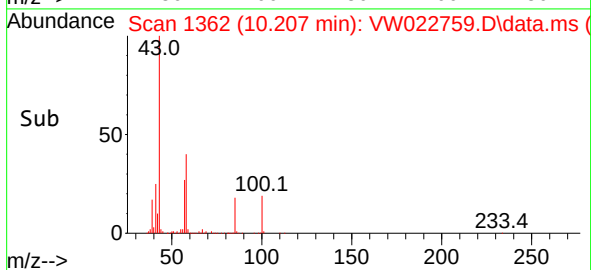
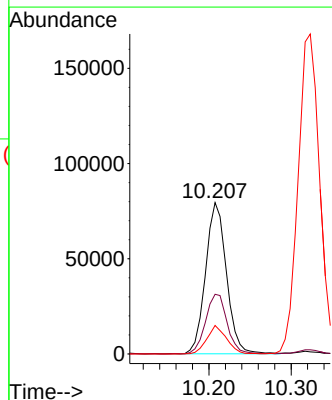
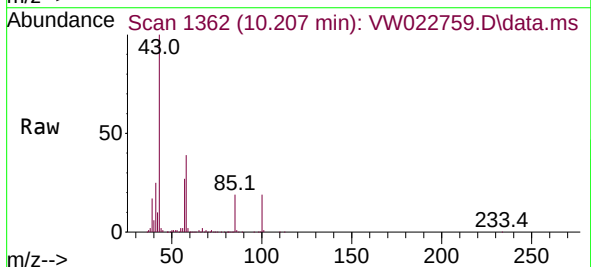
Tgt Ion: 43 Resp: 140395

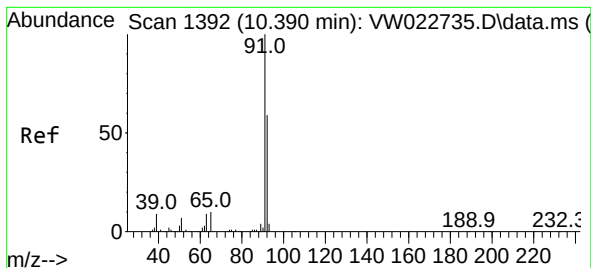
Ion Ratio Lower Upper

43 100

58 40.9 31.4 47.2

100 17.8 14.2 21.4





#42

Toluene

Concen: 23.319 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

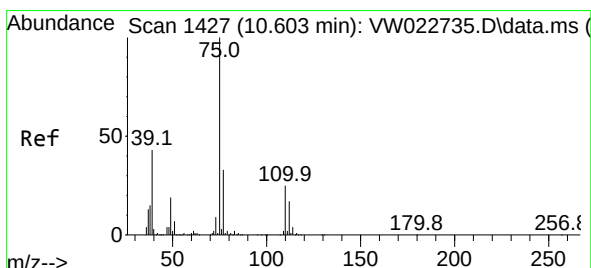
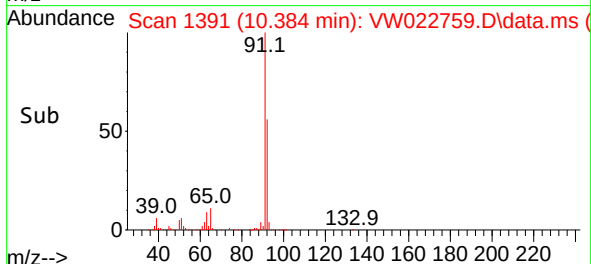
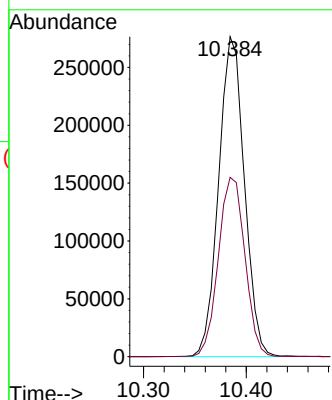
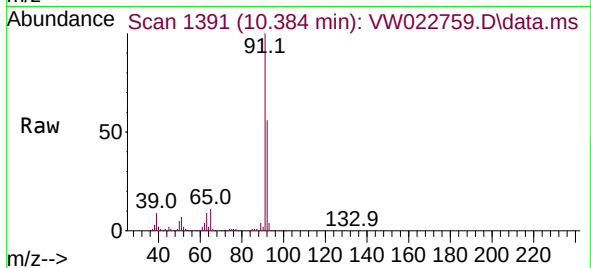
ClientSampleId :

Tgt Ion: 91 Resp: 480190

Ion Ratio Lower Upper

91 100

92 56.0 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 24.261 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022759.D

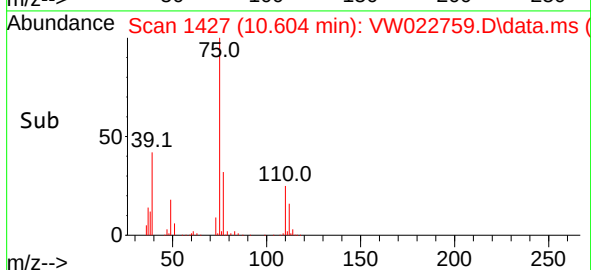
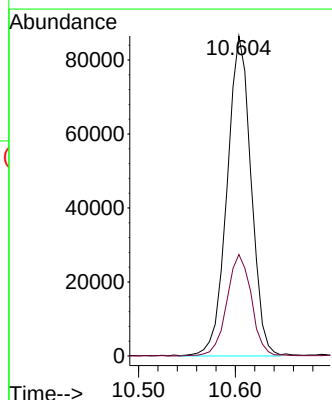
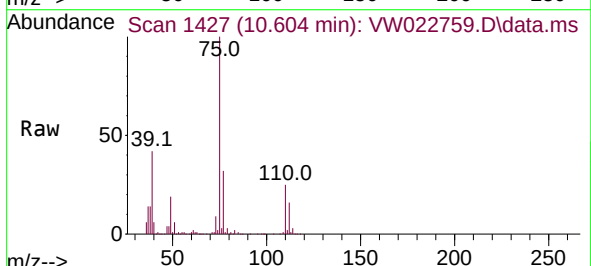
Acq: 02 May 2022 23:06

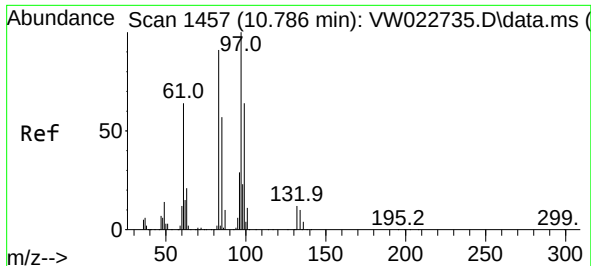
Tgt Ion: 75 Resp: 149300

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8

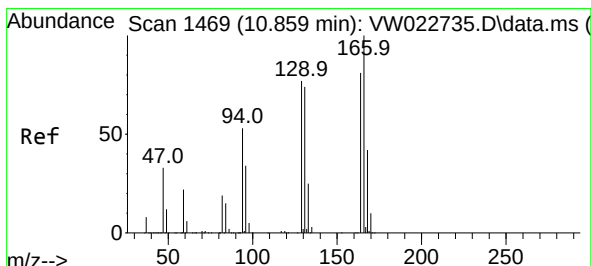
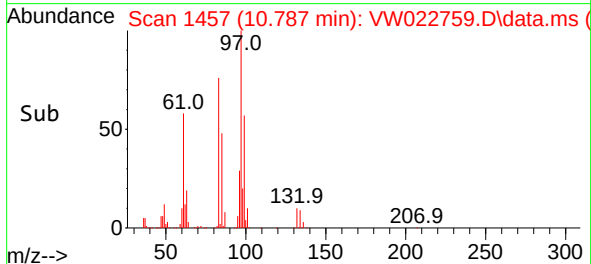
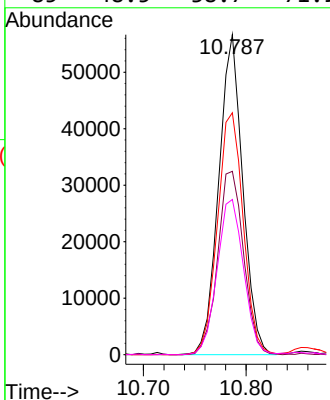
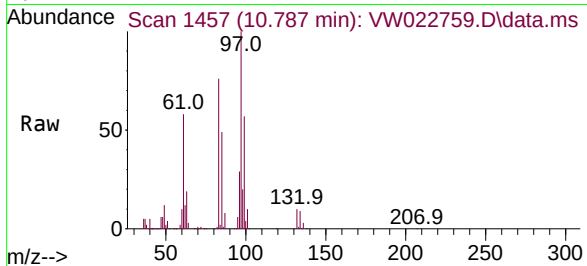




#45
1,1,2-Trichloroethane
Concen: 24.737 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

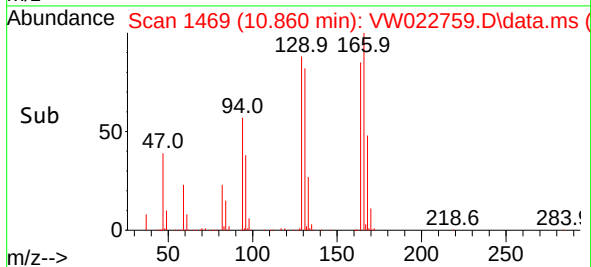
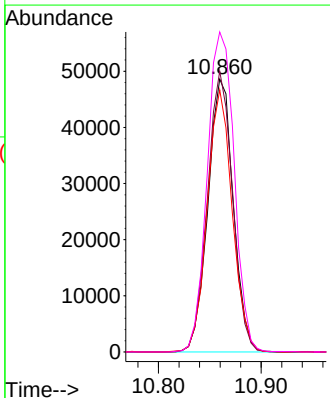
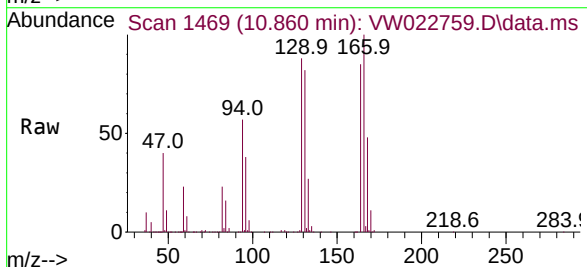
Instrument :
MSVOA_W
ClientSampleId :

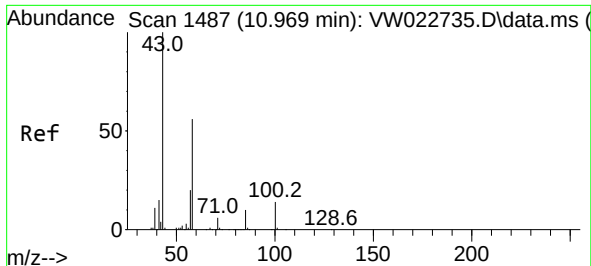
Tgt Ion:	97	Resp:	91949
Ion	Ratio	Lower	Upper
97	100		
99	57.3	44.7	82.9
83	75.6	58.4	108.4
85	48.5	38.7	71.9



#46
Tetrachloroethene
Concen: 21.973 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

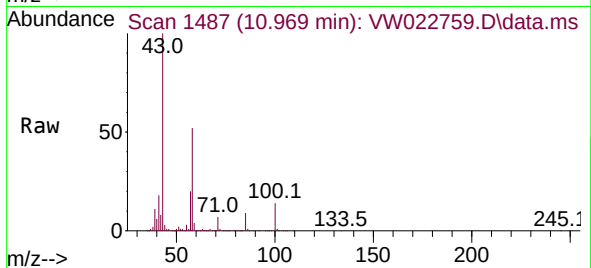
Tgt Ion:	164	Resp:	83443
Ion	Ratio	Lower	Upper
164	100		
129	102.9	76.9	142.7
131	96.0	75.1	139.5
166	117.3	96.0	178.2



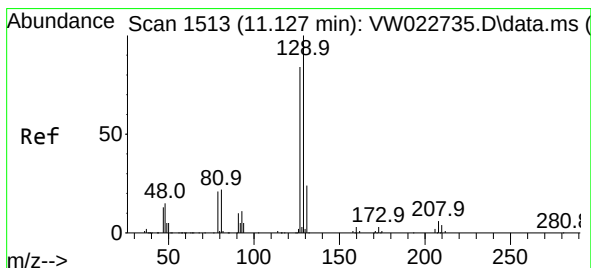
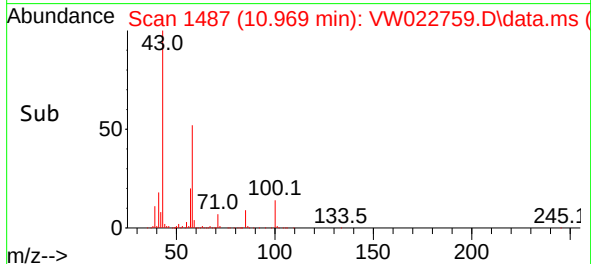
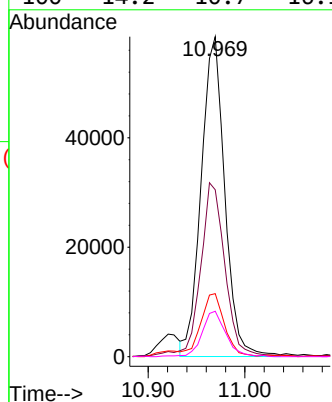


#48
2-Hexanone
Concen: 52.949 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Instrument :
MSVOA_W
ClientSampleId :

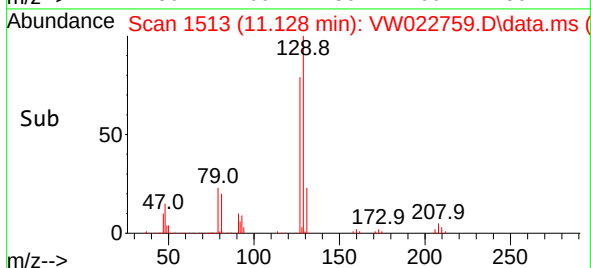
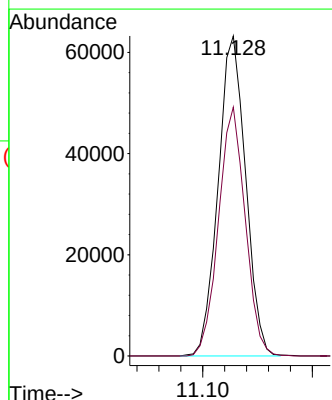
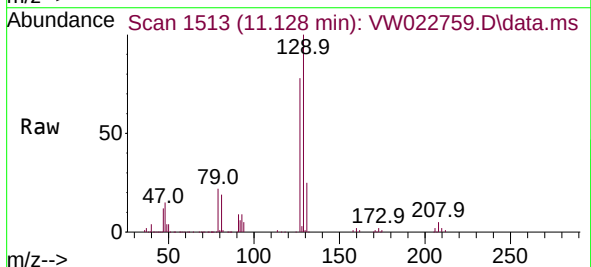


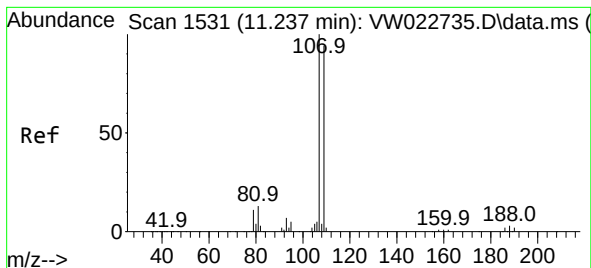
Tgt Ion: 43 Resp: 99151
Ion Ratio Lower Upper
43 100
58 56.7 45.9 68.9
57 19.6 16.2 24.2
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 24.634 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 129 Resp: 110208
Ion Ratio Lower Upper
129 100
127 77.7 53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.285 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

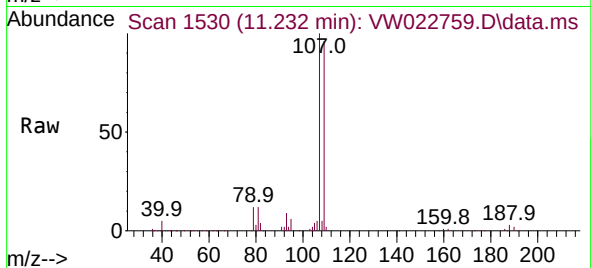
Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

ClientSampleId :



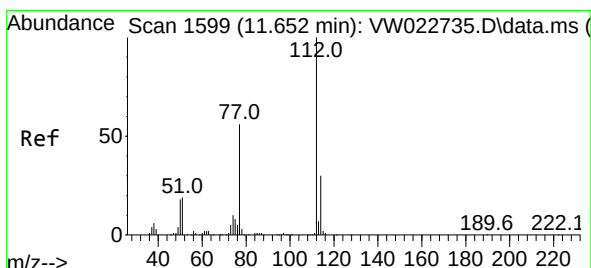
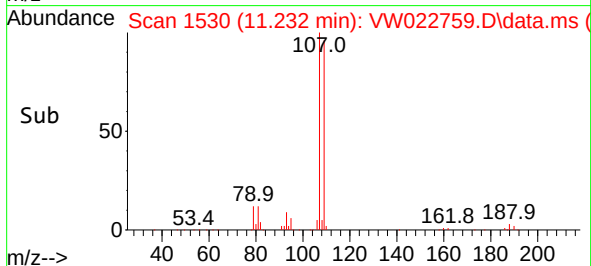
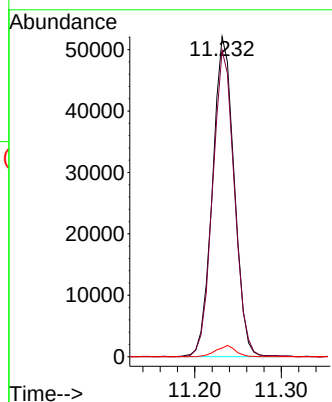
Tgt Ion:107 Resp: 90643

Ion Ratio Lower Upper

107 100

109 95.7 67.5 125.4

188 2.7 2.9 4.3#



#51

Chlorobenzene

Concen: 22.829 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.007 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

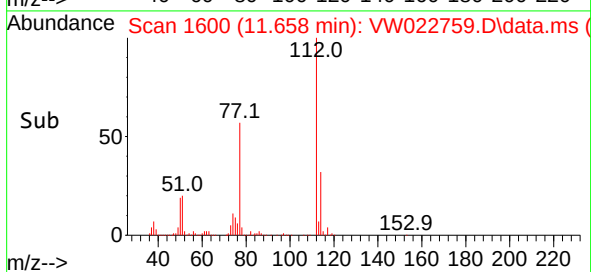
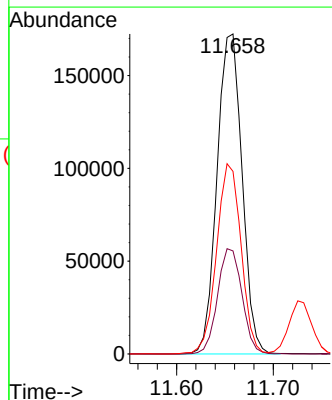
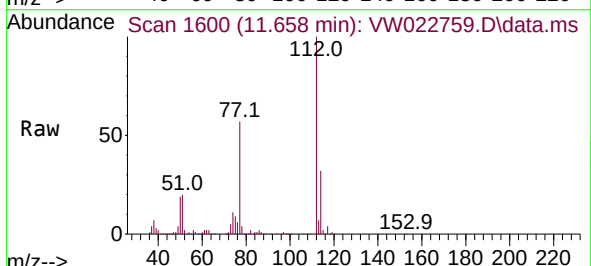
Tgt Ion:112 Resp: 309912

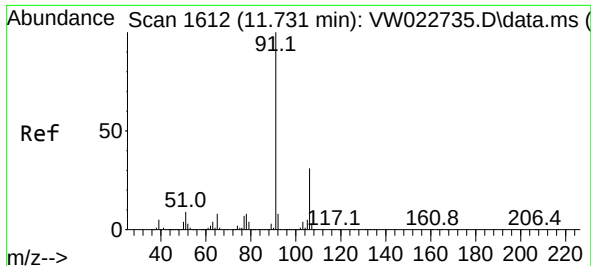
Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

77 57.1 42.6 63.8

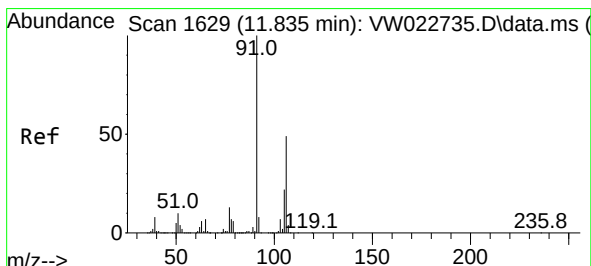
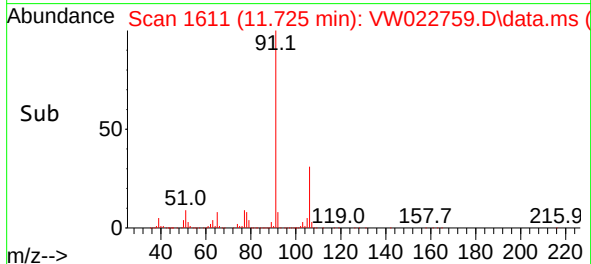
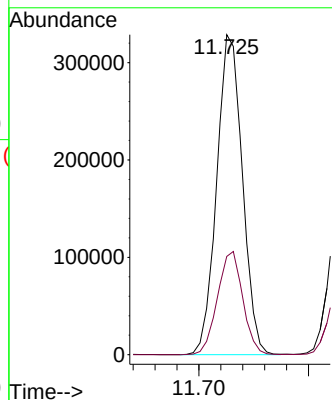
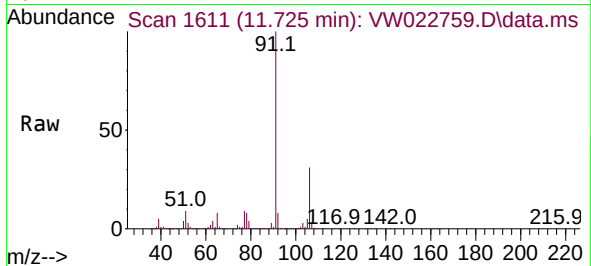




#52
Ethylbenzene
Concen: 23.358 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

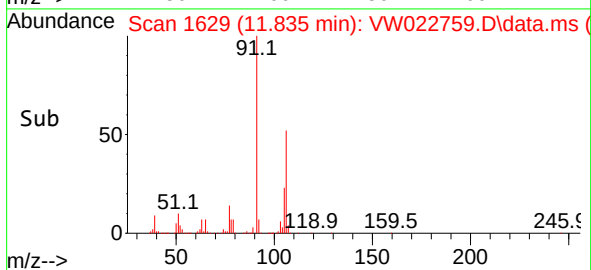
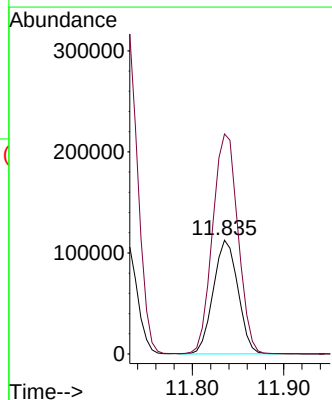
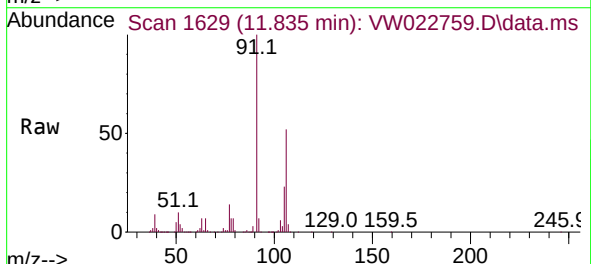
Instrument :
MSVOA_W
ClientSampleId :

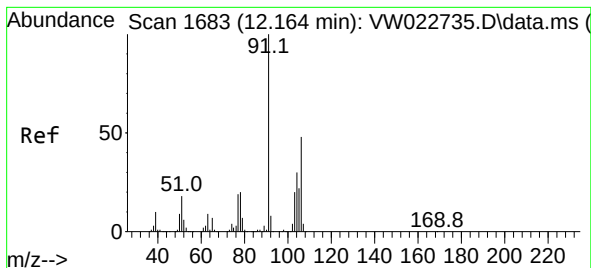
Tgt Ion: 91 Resp: 535096
Ion Ratio Lower Upper
91 100
106 30.7 22.3 41.3



#53
m,p-Xylene
Concen: 23.352 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion:106 Resp: 210786
Ion Ratio Lower Upper
106 100
91 193.4 136.8 254.0





#54

o-Xylene

Concen: 23.410 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

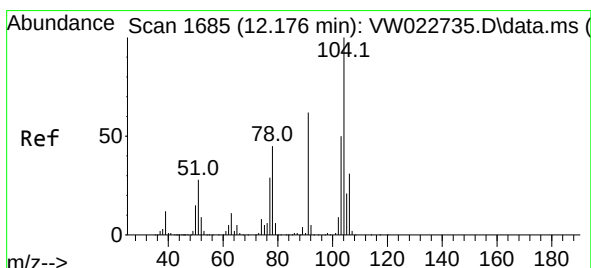
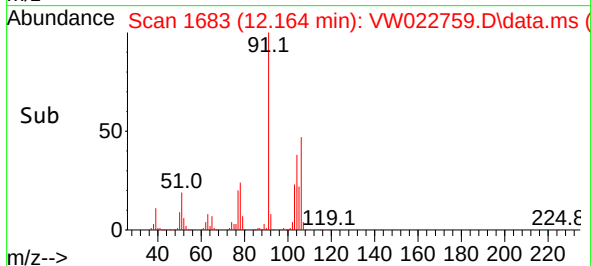
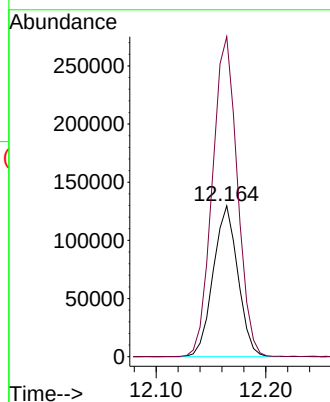
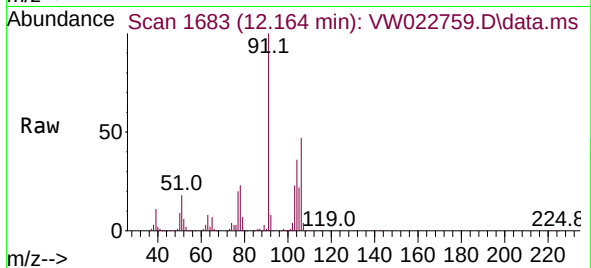
ClientSampleId :

Tgt Ion:106 Resp: 202783

Ion Ratio Lower Upper

106 100

91 212.2 147.2 273.4



#55

Styrene

Concen: 24.511 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022759.D

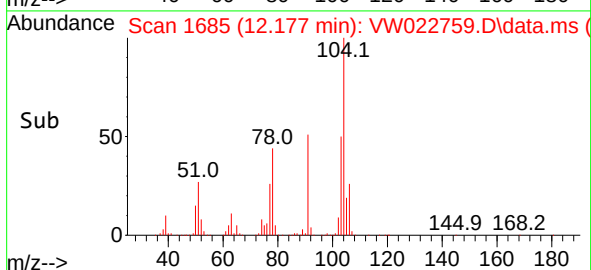
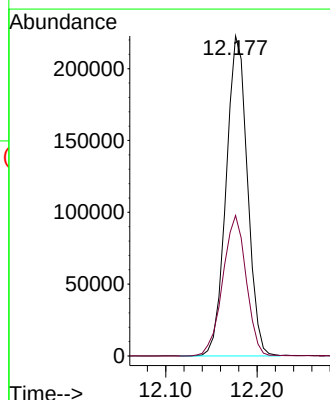
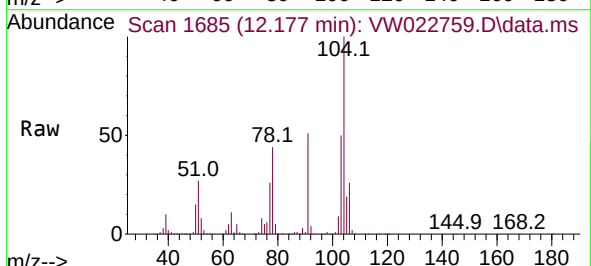
Acq: 02 May 2022 23:06

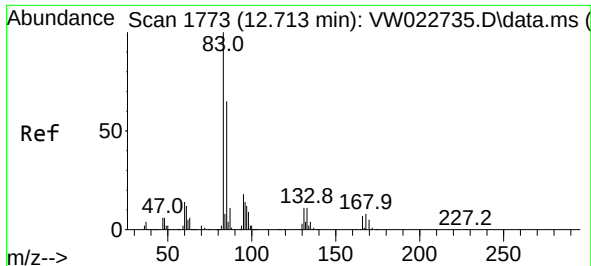
Tgt Ion:104 Resp: 360777

Ion Ratio Lower Upper

104 100

78 43.9 32.3 59.9

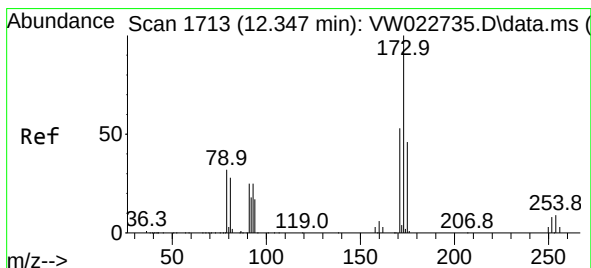
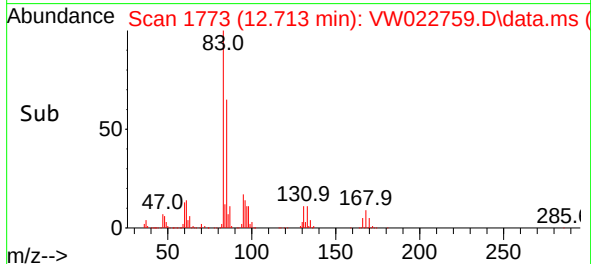
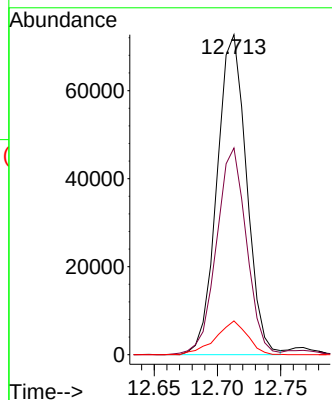
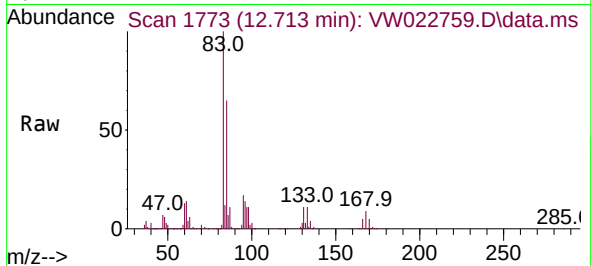




#57
1,1,2,2-Tetrachloroethane
Concen: 25.425 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

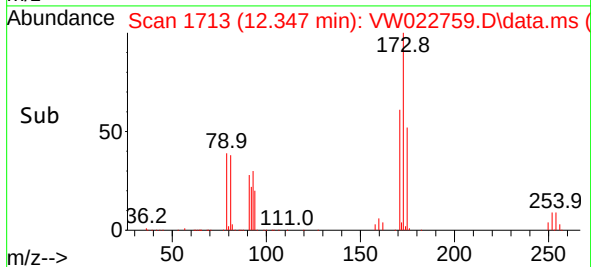
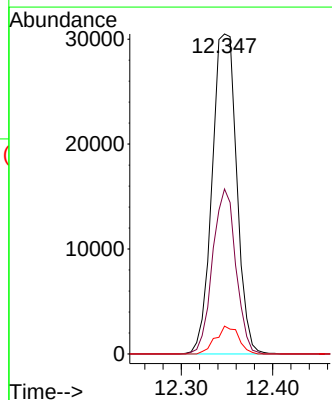
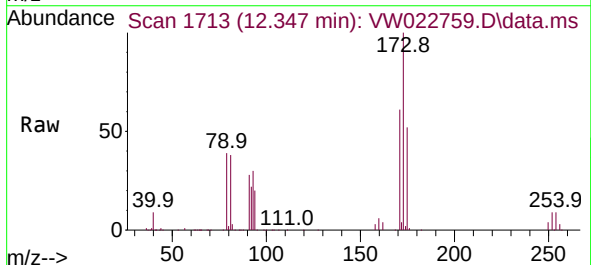
Instrument :
MSVOA_W
ClientSampleId :

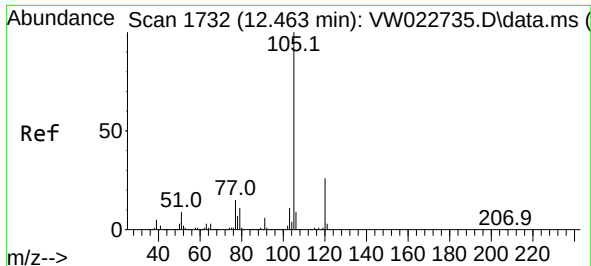
Tgt Ion: 83 Resp: 118044
Ion Ratio Lower Upper
83 100
85 64.6 47.5 88.1
131 10.5 8.7 13.1



#59
Bromoform
Concen: 23.517 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion:173 Resp: 57052
Ion Ratio Lower Upper
173 100
175 48.7 38.1 57.1
254 8.2 6.5 9.7

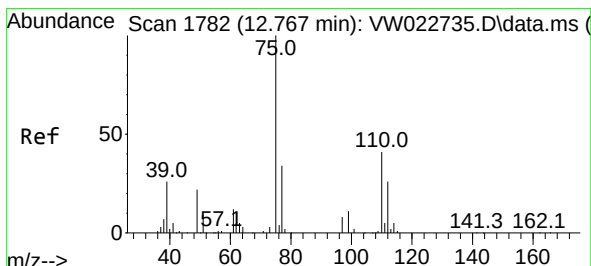
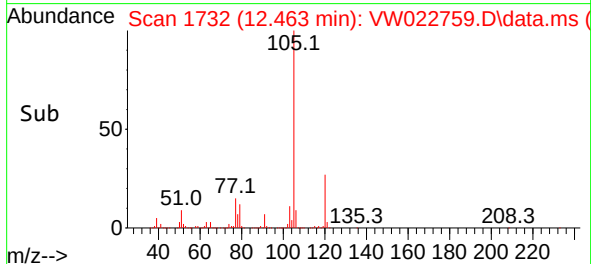
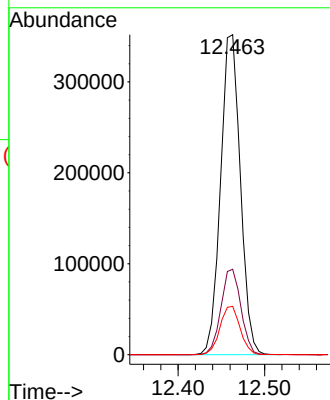
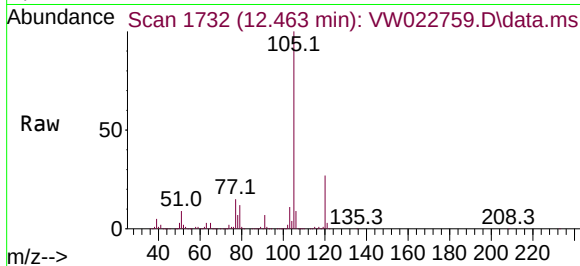




#60
Isopropylbenzene
Concen: 23.800 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

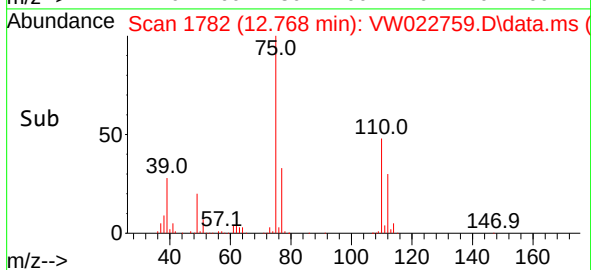
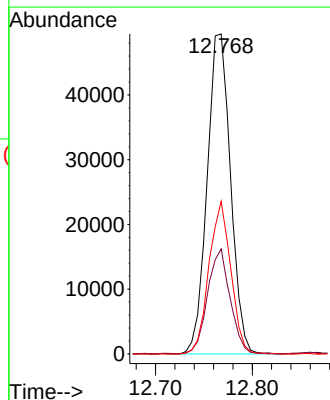
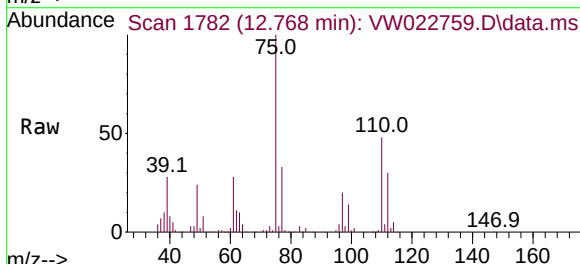
Instrument :
MSVOA_W
ClientSampleId :

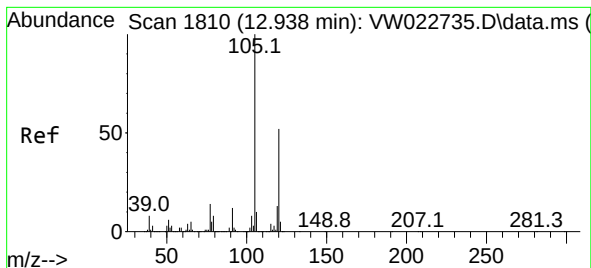
Tgt Ion:105 Resp: 558142
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.383 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion: 75 Resp: 83401
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 44.4 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.290 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

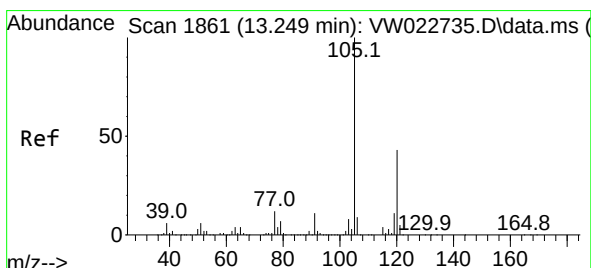
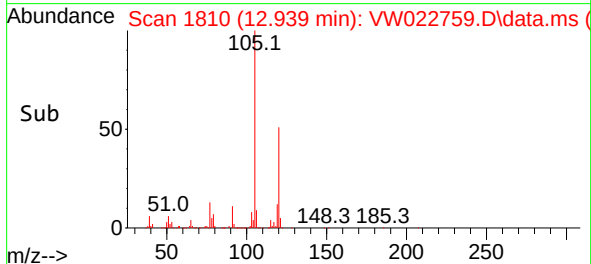
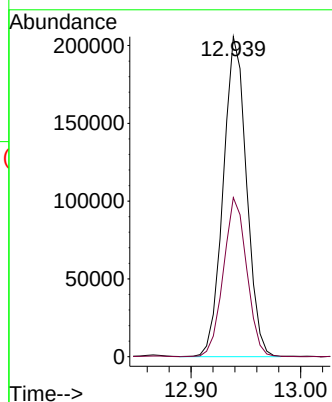
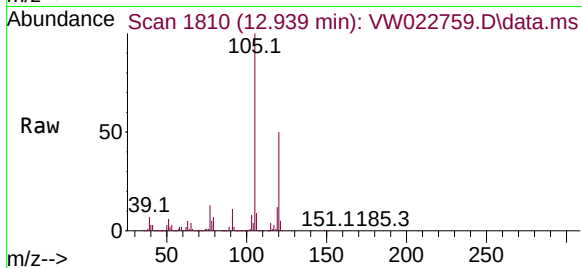
ClientSampleId :

Tgt Ion:105 Resp: 303872

Ion Ratio Lower Upper

105 100

120 49.7 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 24.076 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022759.D

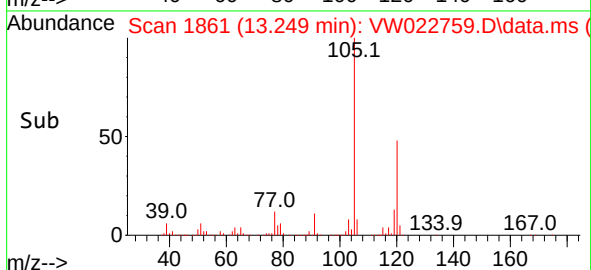
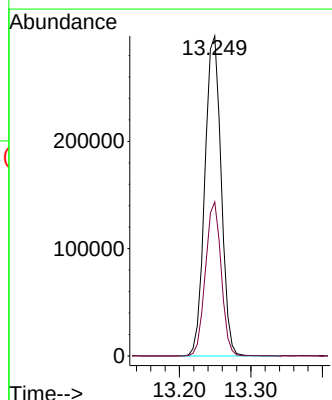
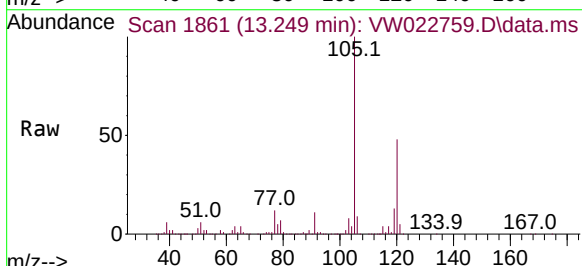
Acq: 02 May 2022 23:06

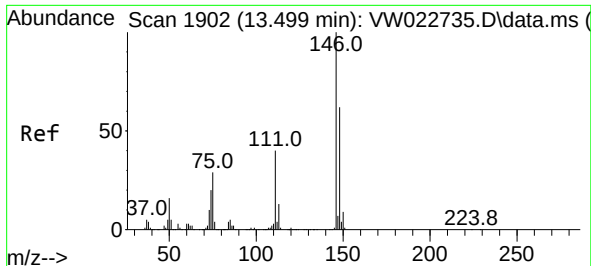
Tgt Ion:105 Resp: 471667

Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.2

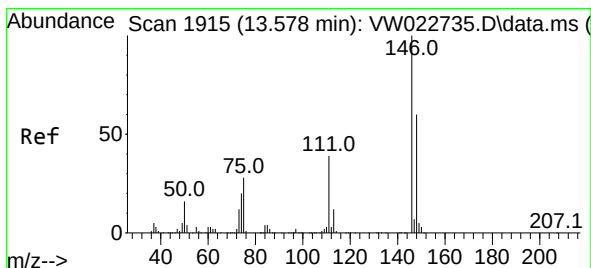
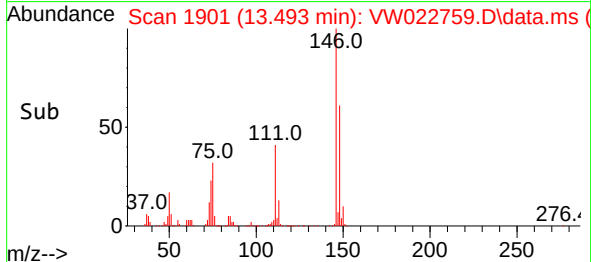
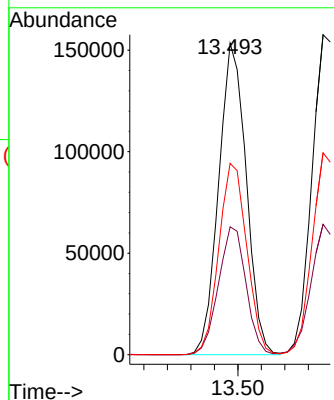
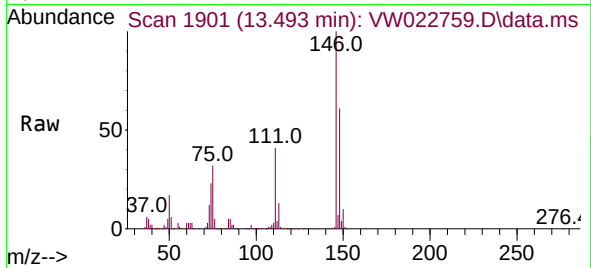




#64
1,3-Dichlorobenzene
Concen: 23.913 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

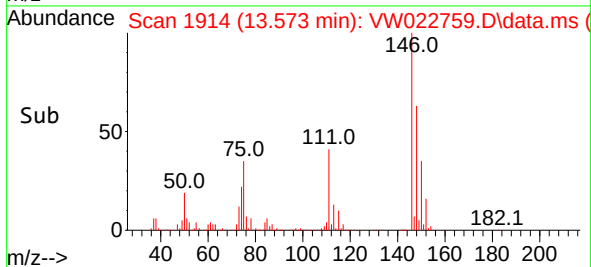
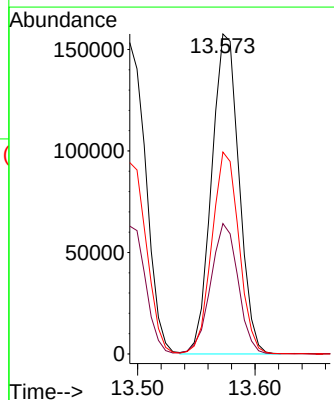
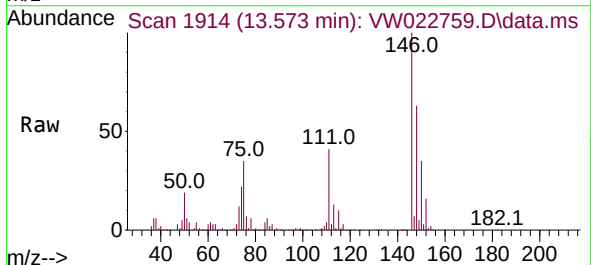
Instrument :
MSVOA_W
ClientSampleId :

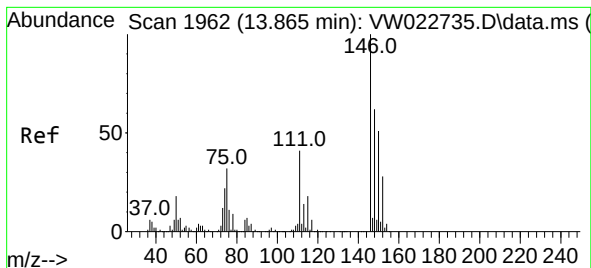
Tgt Ion:146 Resp: 250375
Ion Ratio Lower Upper
146 100
111 41.1 29.5 54.9
148 61.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.657 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022759.D
Acq: 02 May 2022 23:06

Tgt Ion:146 Resp: 255850
Ion Ratio Lower Upper
146 100
111 40.8 27.2 50.4
148 63.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.075 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

ClientSampleId :

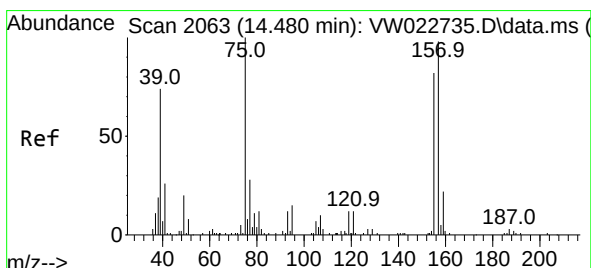
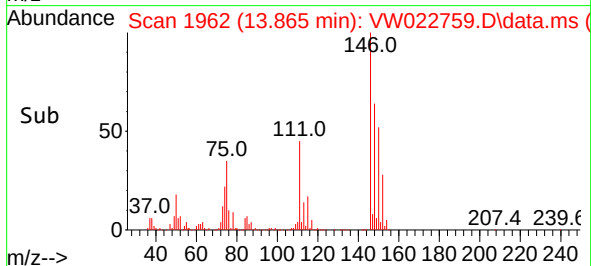
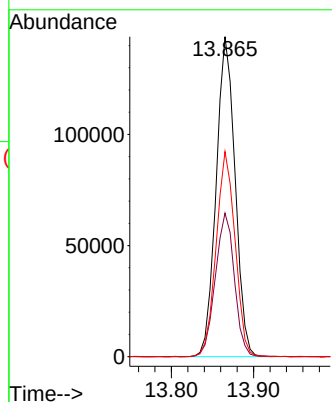
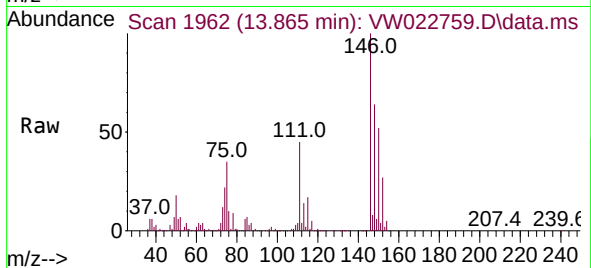
Tgt Ion:146 Resp: 230668

Ion Ratio Lower Upper

146 100

111 44.9 35.7 53.5

148 64.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.398 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

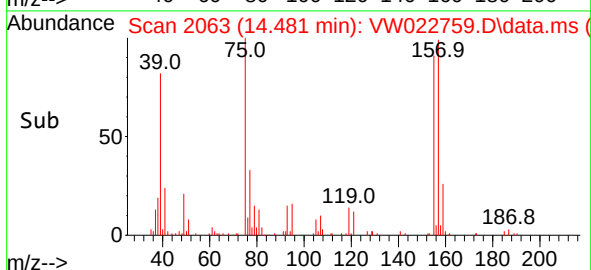
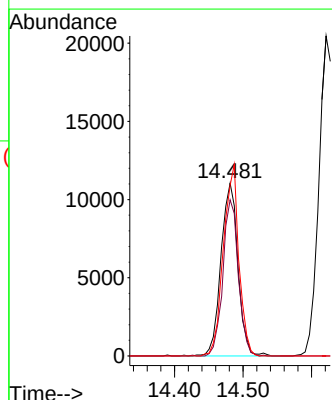
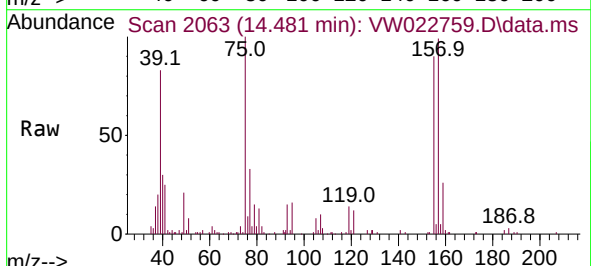
Tgt Ion: 75 Resp: 18986

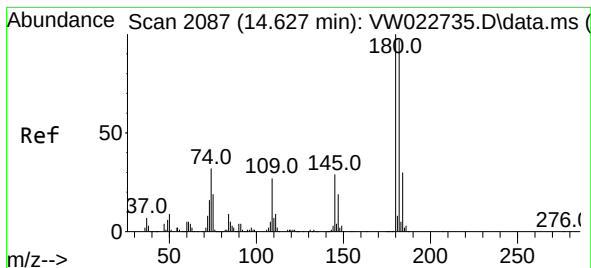
Ion Ratio Lower Upper

75 100

155 90.4 59.3 88.9#

157 98.7 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 23.167 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

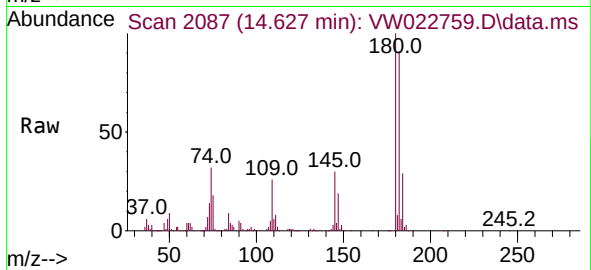
Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 161017

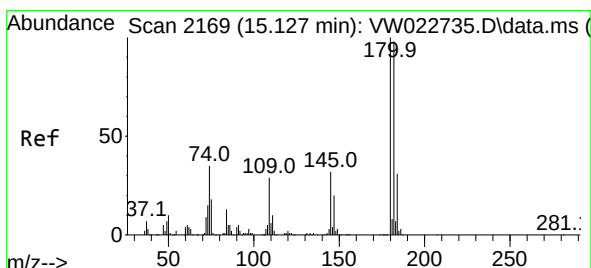
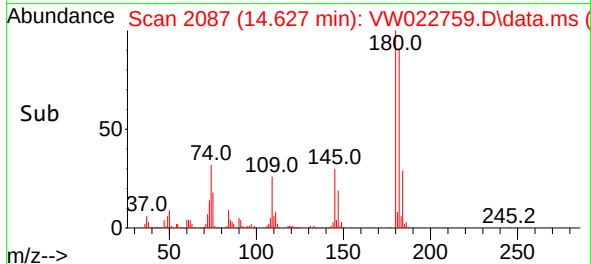
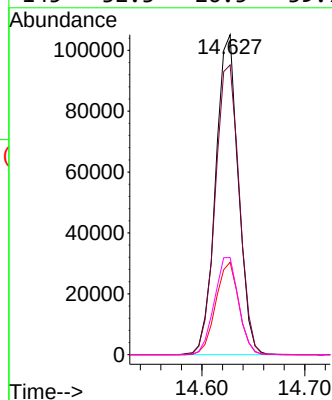
Ion Ratio Lower Upper

180 100

182 95.7 74.8 112.2

184 29.4 23.4 35.2

145 32.3 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.861 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

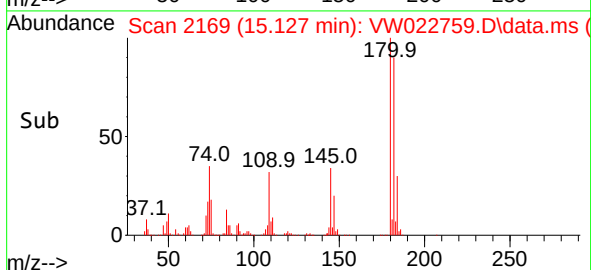
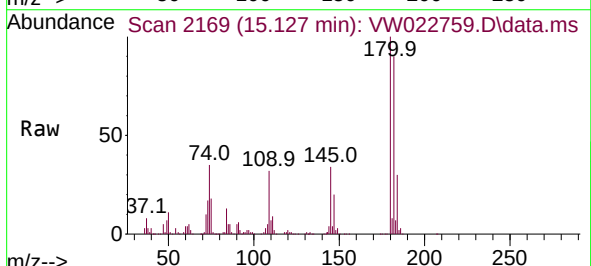
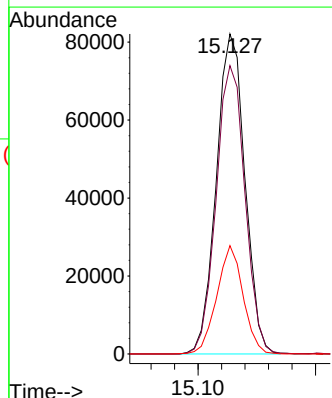
Tgt Ion:180 Resp: 138992

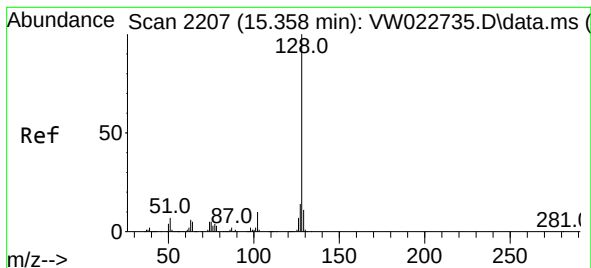
Ion Ratio Lower Upper

180 100

182 90.9 74.9 112.3

145 31.1 26.6 39.8





#71

Naphthalene

Concen: 27.348 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Instrument :

MSVOA_W

ClientSampleId :

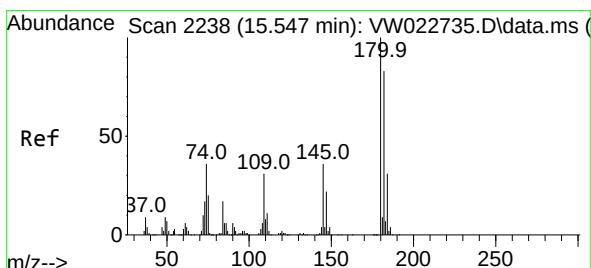
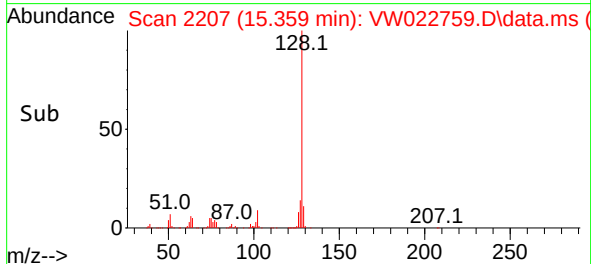
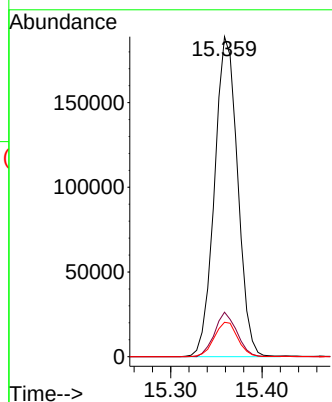
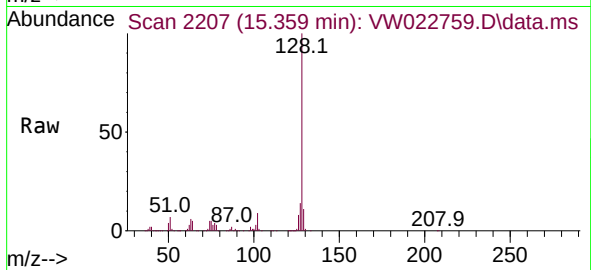
Tgt Ion:128 Resp: 332322

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.768 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022759.D

Acq: 02 May 2022 23:06

Tgt Ion:180 Resp: 127682

Ion Ratio Lower Upper

180 100

182 93.2 73.5 110.3

145 34.7 27.9 41.9

