

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023646.D
 Acq On : 13 Jul 2022 14:09
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV455

Quant Time: Jul 14 01:57:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:43:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	225700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	232558	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	165194	28.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.640%	
7) Chloroethane-d5	2.879	69	108073	28.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.400%	
11) 1,1-Dichloroethene-d2	4.019	63	118531	25.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.000%	
21) 2-Butanone-d5	7.080	46	45705	51.116	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.240%	
24) Chloroform-d	7.647	84	167081	25.426	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.720%	
26) 1,2-Dichloroethane-d4	8.305	65	101664	25.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.200%	
32) Benzene-d6	8.275	84	325498	26.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.680%	
36) 1,2-Dichloropropane-d6	9.275	67	95460	26.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.840%	
41) Toluene-d8	10.323	98	324824	26.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.960%	
43) trans-1,3-Dichloroprop...	10.579	79	46171	27.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.200%	
47) 2-Hexanone-d5	10.921	63	42942	56.080	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.160%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109134	27.119	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.480%	
66) 1,2-Dichlorobenzene-d4	13.853	152	123282	25.719	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	94654	25.200	ug/L	100
5) Vinyl chloride	2.355	62	164270	25.469	ug/L	99
6) Bromomethane	2.770	94	96667	23.171	ug/L	99
8) Chloroethane	2.916	64	78942	26.162	ug/L	97
9) Trichlorofluoromethane	3.251	101	63006	21.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	67580	23.553	ug/L	99
12) 1,1-Dichloroethene	4.032	96	56680	23.691	ug/L	90
13) Acetone	4.123	43	26724	42.273	ug/L	97
14) Carbon disulfide	4.379	76	155894	22.151	ug/L	98
15) Methyl Acetate	4.678	43	35444	25.051	ug/L	99
16) Methylene chloride	4.916	84	72642	20.583	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	68626	23.641	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	114231	25.436	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	132492	24.744	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	78707	24.474	ug/L #	94
22) 2-Butanone	7.177	43	53846	51.830	ug/L	98
23) Bromochloromethane	7.519	128	39465	25.546	ug/L	94
25) Chloroform	7.677	83	154606	25.063	ug/L	98
27) 1,2-Dichloroethane	8.397	62	115235	25.382	ug/L	97

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 Response via : Initial Calibration

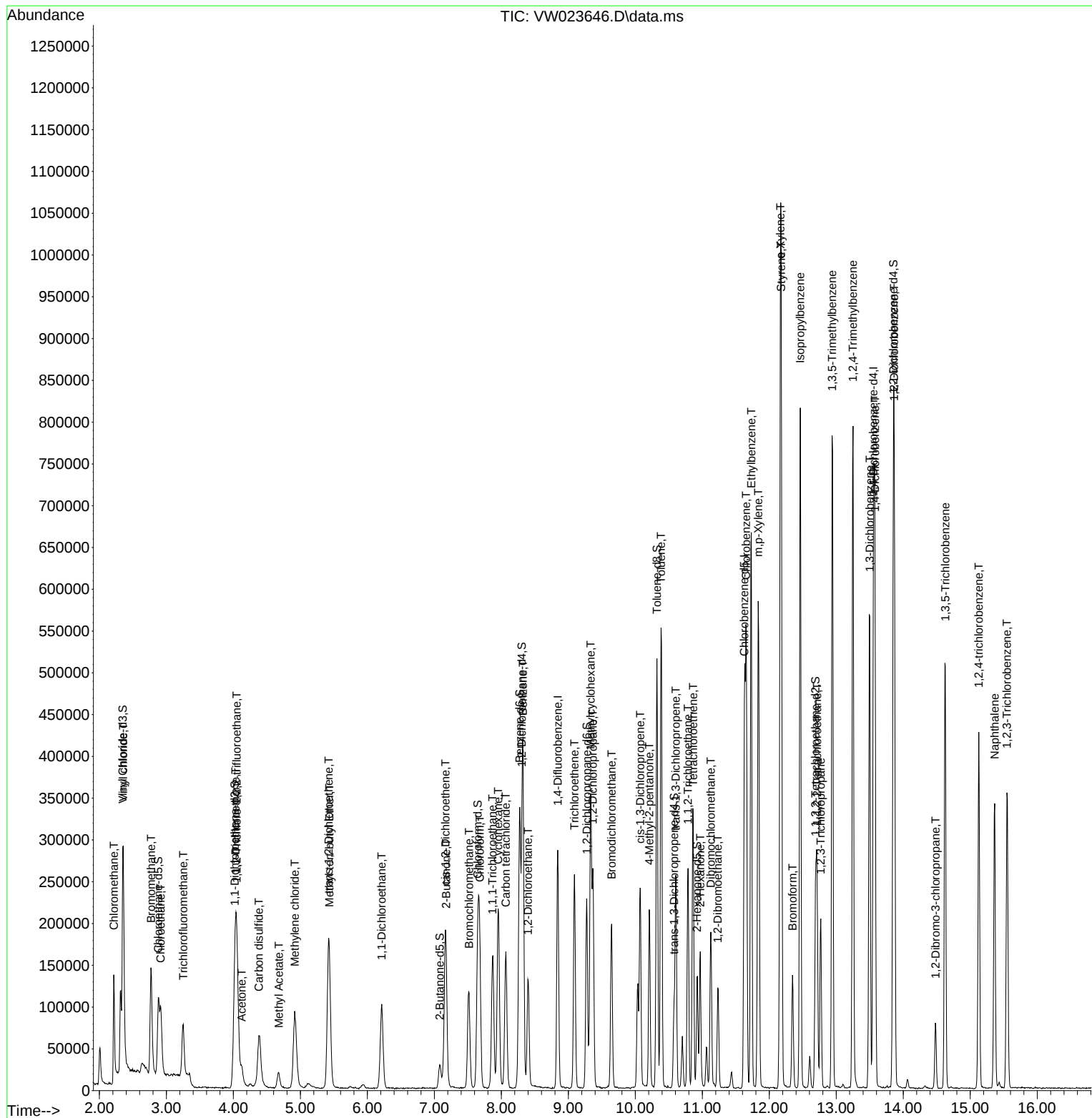
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	105472	24.798	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	121816	24.192	ug/L	99
31) Carbon tetrachloride	8.067	117	110962	24.446	ug/L	97
33) Benzene	8.323	78	326554	24.710	ug/L	100
34) Trichloroethene	9.092	95	82784	23.722	ug/L	96
35) Methylcyclohexane	9.336	83	132527	24.939	ug/L	98
37) 1,2-Dichloropropane	9.366	63	82147	24.794	ug/L	100
38) Bromodichloromethane	9.646	83	121784	26.336	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	128971	25.826	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	129291	56.078	ug/L	99
42) Toluene	10.384	91	396233	26.290	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	129817	27.350	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	75564	26.083	ug/L	99
46) Tetrachloroethene	10.866	164	64067	23.742	ug/L	94
48) 2-Hexanone	10.969	43	96157	57.283	ug/L	99
49) Dibromochloromethane	11.128	129	90642	26.979	ug/L	95
50) 1,2-Dibromoethane	11.232	107	75454	27.110	ug/L	97
51) Chlorobenzene	11.652	112	257731	25.355	ug/L	100
52) Ethylbenzene	11.731	91	454512	26.538	ug/L	99
53) m,p-Xylene	11.835	106	175410	26.250	ug/L	95
54) o-Xylene	12.164	106	173116	26.976	ug/L	96
55) Styrene	12.176	104	320800	28.296	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	108682	27.503	ug/L	98
59) Bromoform	12.347	173	52517	26.524	ug/L #	97
60) Isopropylbenzene	12.463	105	484629	26.868	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77823	26.432	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	408923	27.691	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	409816	27.758	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	214894	26.240	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	221145	25.382	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	206289	26.709	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17523	25.804	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	141723	26.145	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	110665	26.439	ug/L	99
71) Naphthalene	15.365	128	267091	29.748	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	105329	26.998	ug/L	99

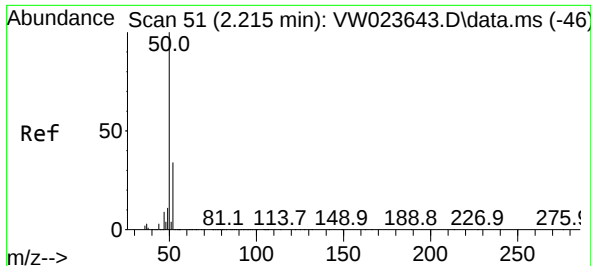
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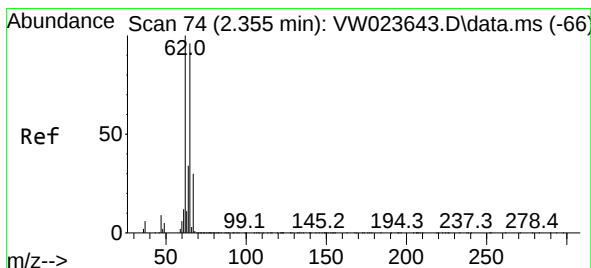
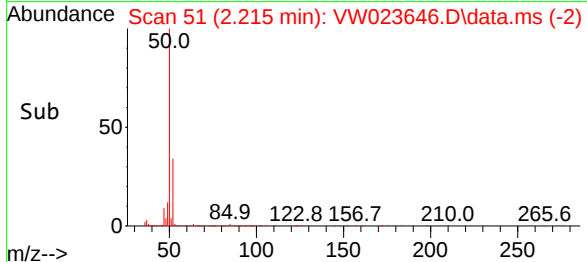
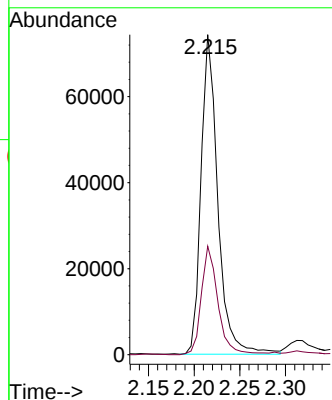
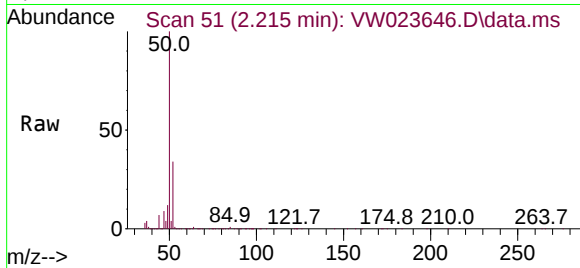




#3
Chloromethane
Concen: 25.200 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

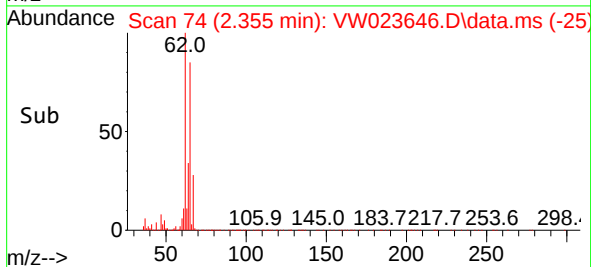
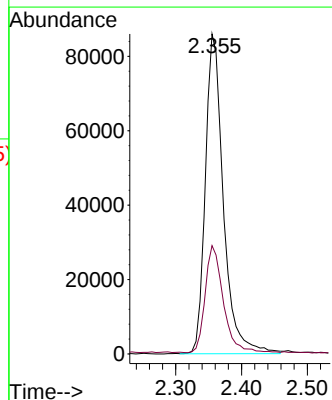
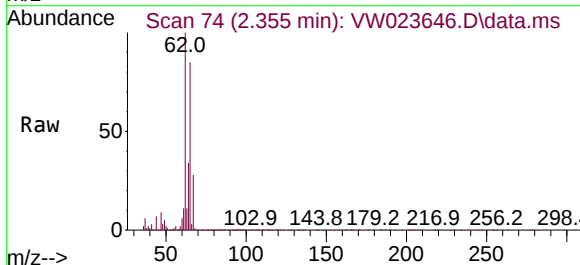
Instrument :
MSVOA_W
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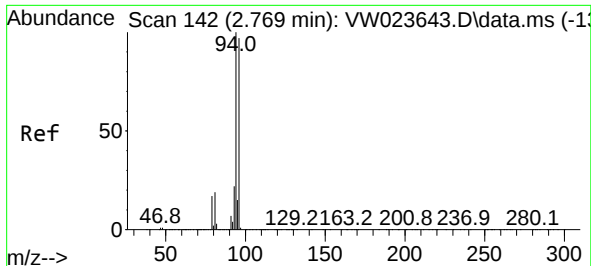
Tgt Ion: 50 Resp: 94654
Ion Ratio Lower Upper
50 100
52 33.9 23.7 44.1



#5
Vinyl chloride
Concen: 25.469 ug/L
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 62 Resp: 164270
Ion Ratio Lower Upper
62 100
64 33.8 24.0 44.6

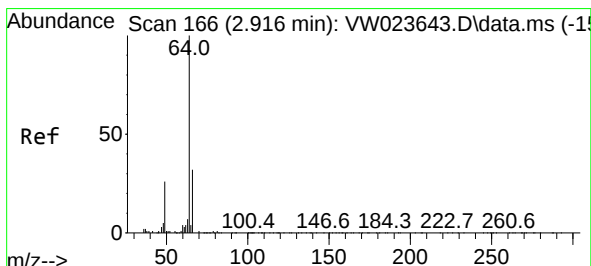
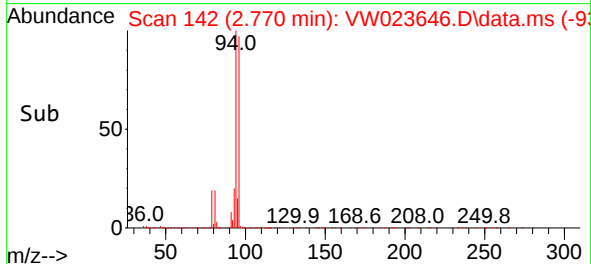
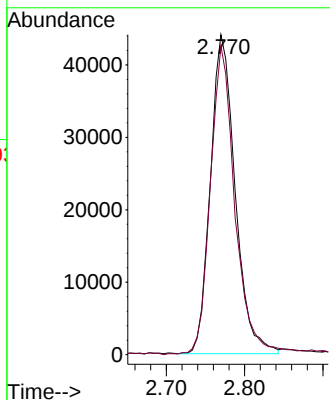
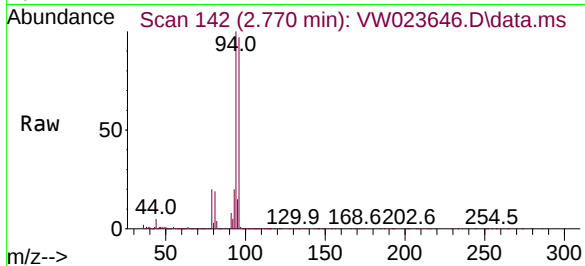




#6
Bromomethane
Concen: 23.171 ug/L
RT: 2.770 min Scan# 142
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

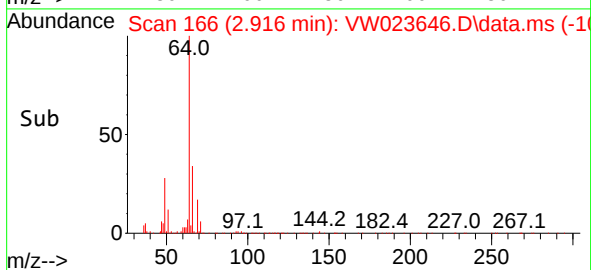
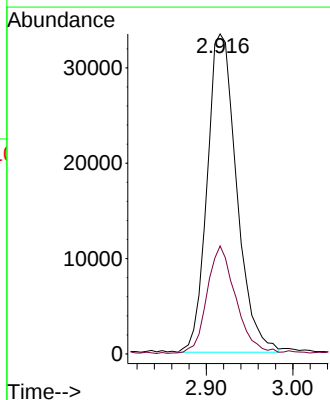
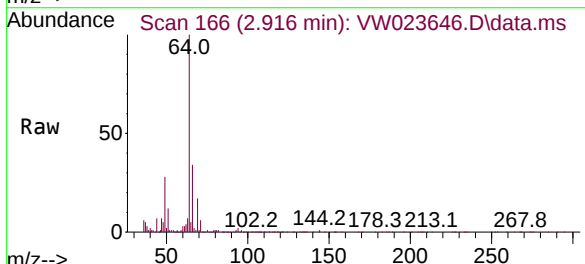
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MSVOA_W
ClientSampleId :
VICV455

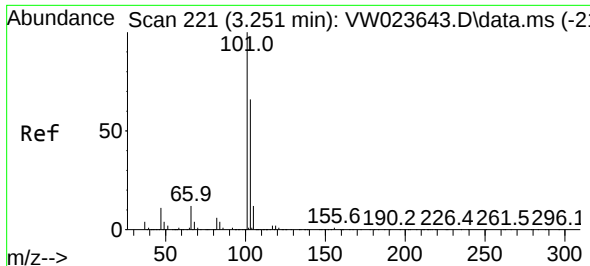
Tgt Ion: 94 Resp: 96667
Ion Ratio Lower Upper
94 100
96 96.5 68.2 126.6



#8
Chloroethane
Concen: 26.162 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 64 Resp: 78942
Ion Ratio Lower Upper
64 100
66 33.7 22.4 41.6

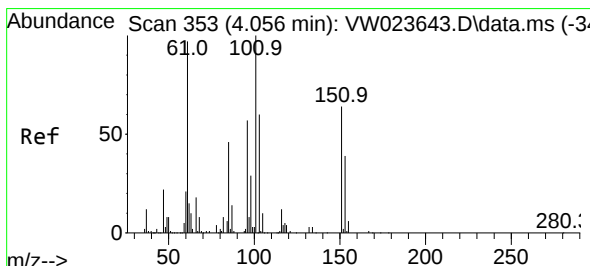
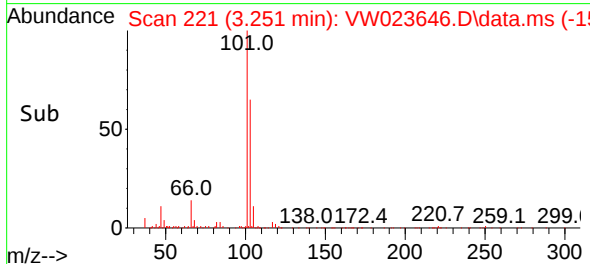
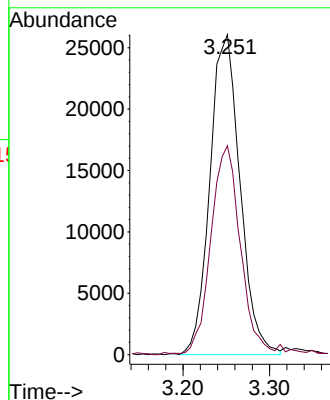
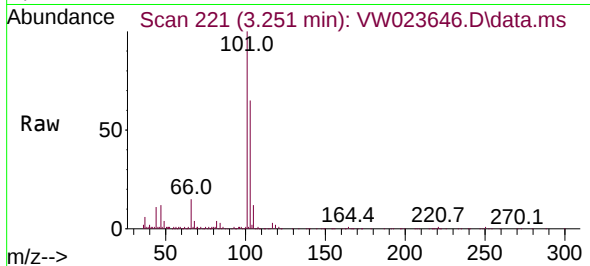




#9
 Trichlorofluoromethane
 Concen: 21.490 ug/L
 RT: 3.251 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023646.D
 Acq: 13 Jul 2022 14:09

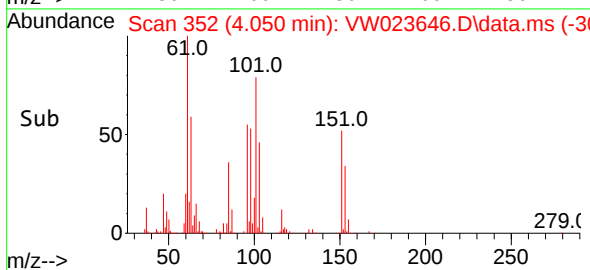
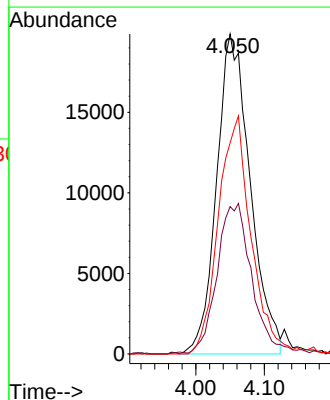
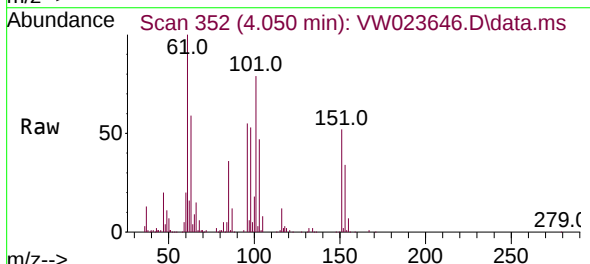
Instrument :
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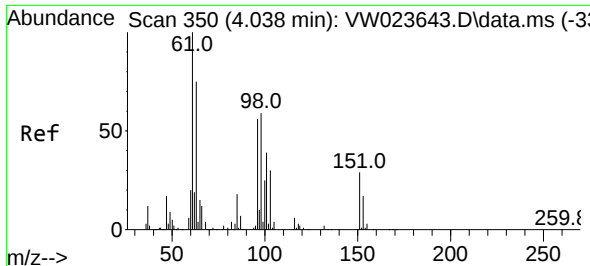
Tgt Ion:101 Resp: 63006
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.1 78.1



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.553 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW023646.D
 Acq: 13 Jul 2022 14:09

Tgt Ion:101 Resp: 67580
 Ion Ratio Lower Upper
 101 100
 85 48.4 37.6 56.4
 151 72.1 57.6 86.4





#12

1,1-Dichloroethene

Concen: 23.691 ug/L

RT: 4.032 min Scan# 349

Delta R.T. -0.006 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

VICV455

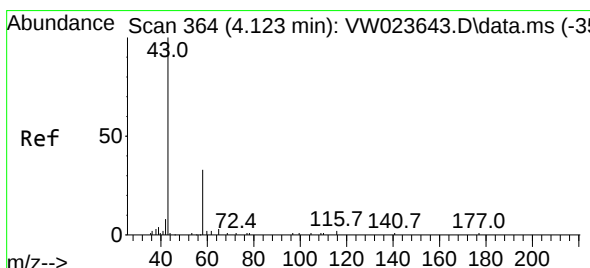
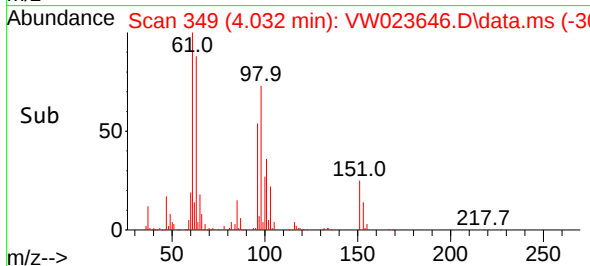
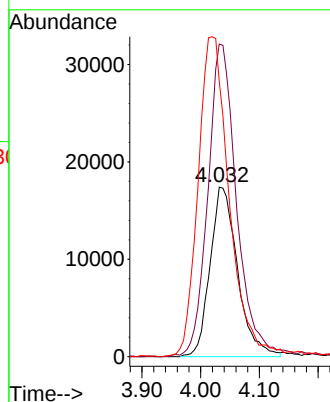
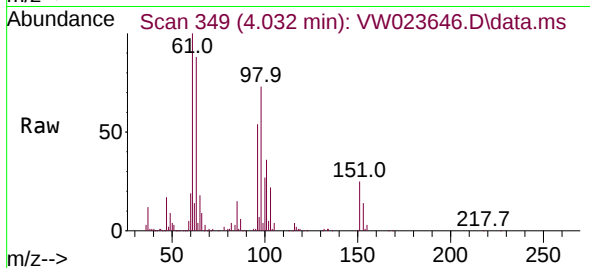
Tgt Ion: 96 Resp: 56680

Ion Ratio Lower Upper

96 100

61 184.3 125.4 232.8

63 162.3 97.4 180.8



#13

Acetone

Concen: 42.273 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW023646.D

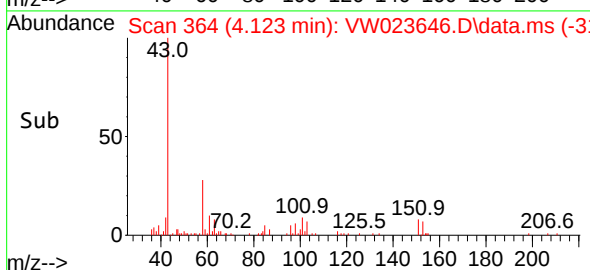
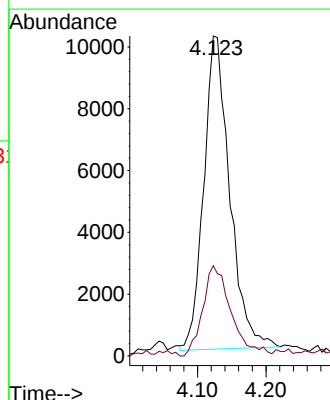
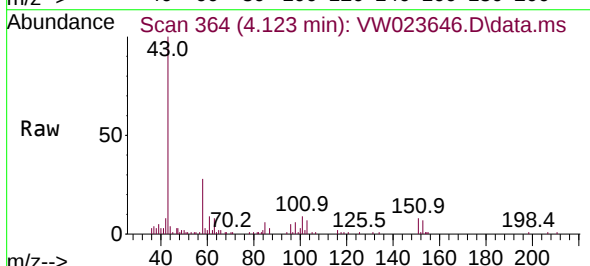
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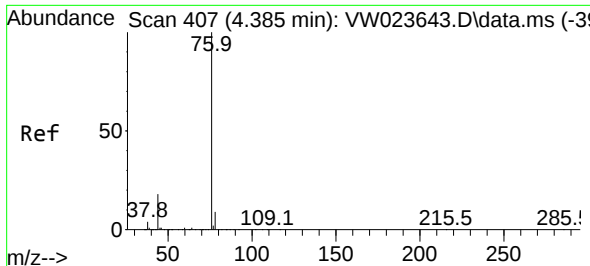
Tgt Ion: 43 Resp: 26724

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.2

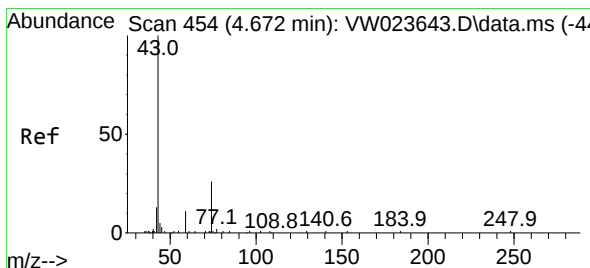
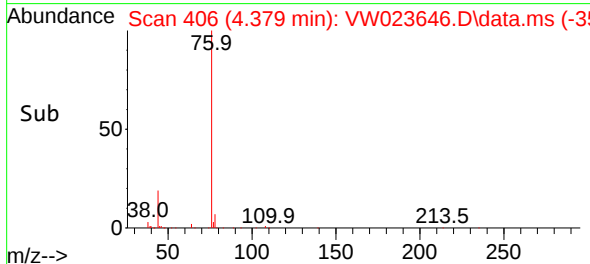
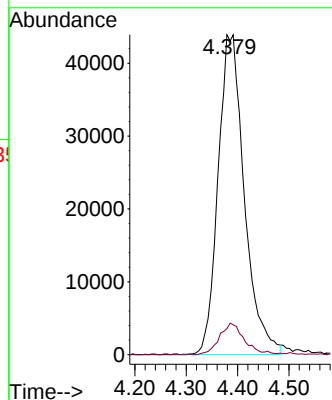
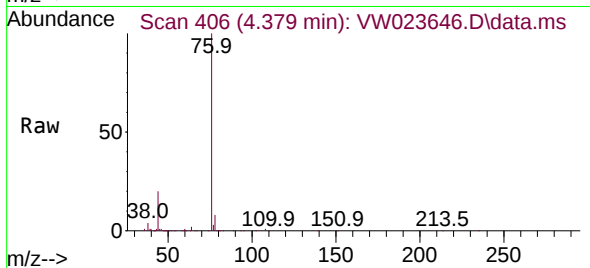




#14
Carbon disulfide
Concen: 22.151 ug/L
RT: 4.379 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

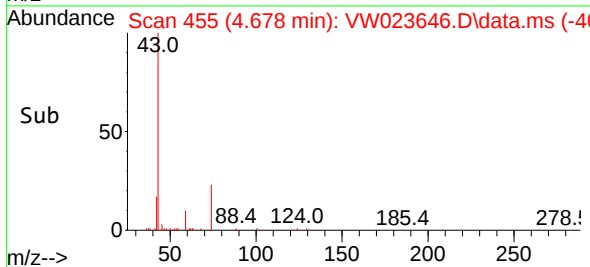
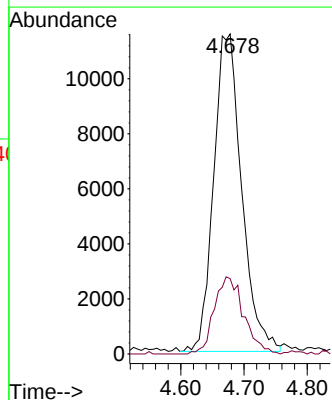
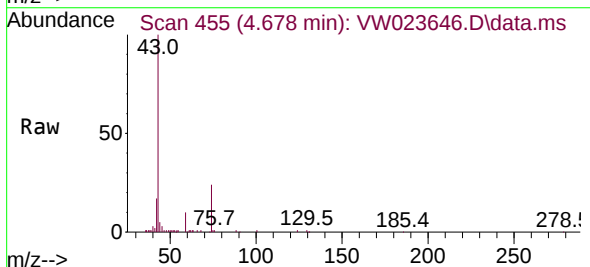
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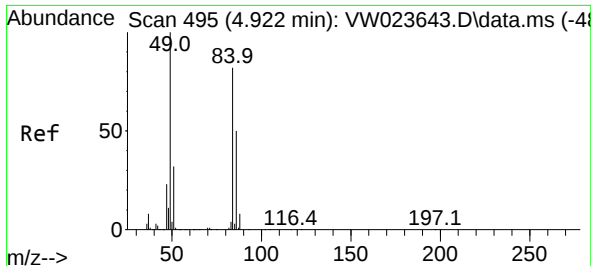
Tgt Ion: 76 Resp: 155894
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#15
Methyl Acetate
Concen: 25.051 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 35444
Ion Ratio Lower Upper
43 100
74 25.6 20.0 30.0

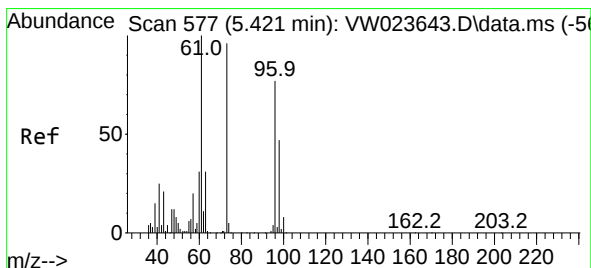
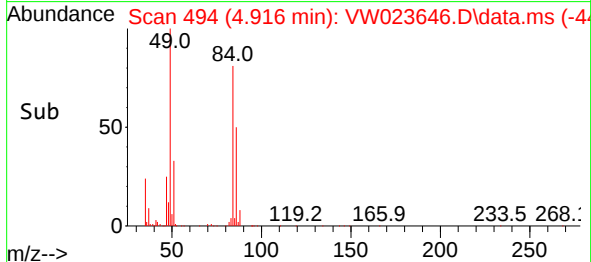
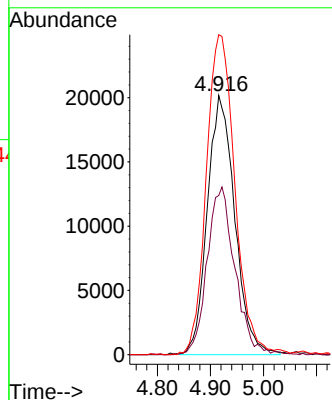
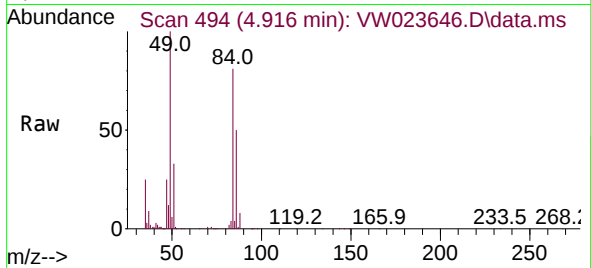




#16
Methylene chloride
Concen: 20.583 ug/L
RT: 4.916 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

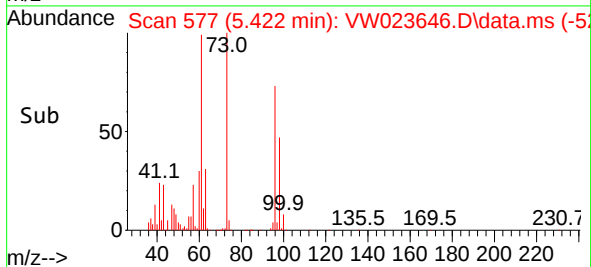
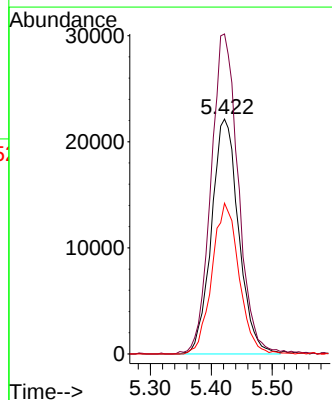
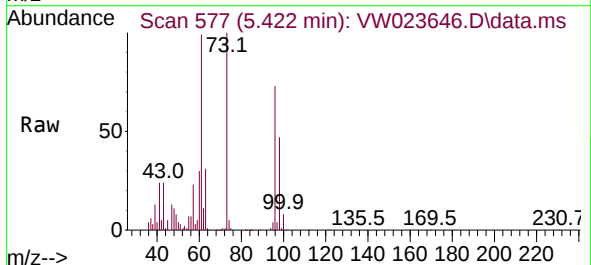
Instrument :
MSVOA_W
ClientSampleId :
VICV455

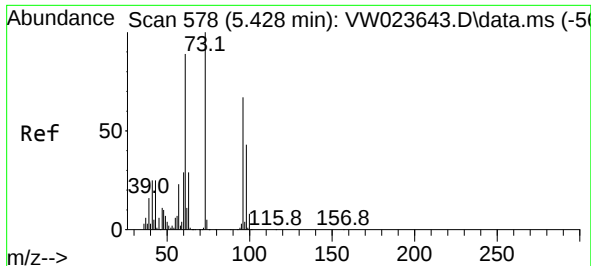
Tgt Ion: 84 Resp: 72642
Ion Ratio Lower Upper
84 100
86 61.4 42.8 79.6
49 123.4 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 23.641 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 96 Resp: 68626
Ion Ratio Lower Upper
96 100
61 136.2 90.8 168.6
98 64.2 42.8 79.6

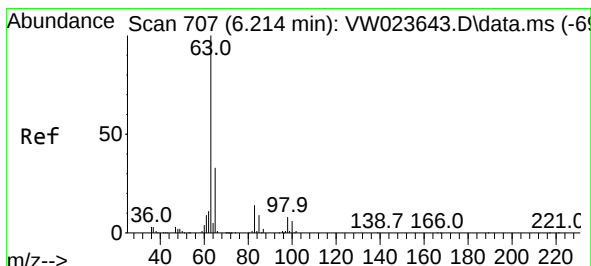
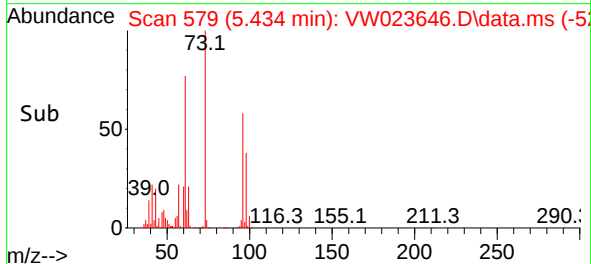
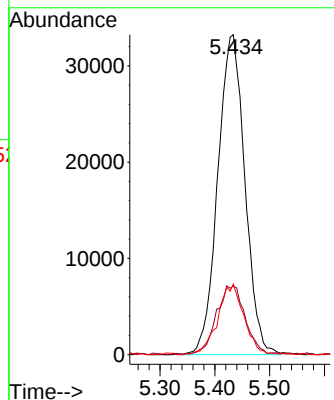
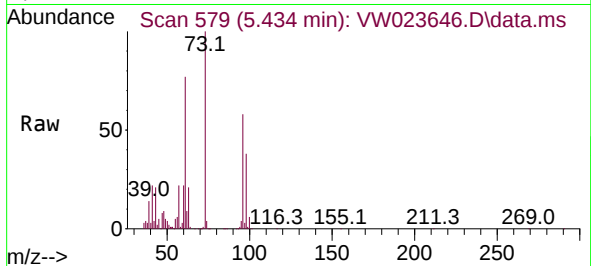




#18
Methyl tert-butyl Ether
Concen: 25.436 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

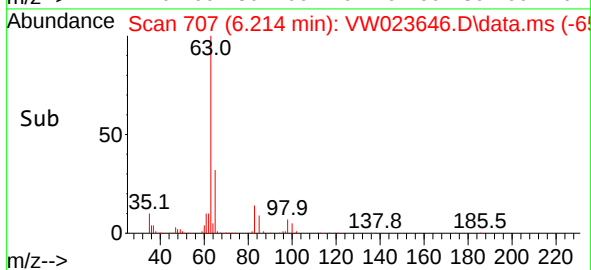
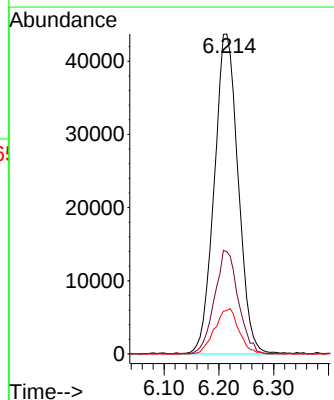
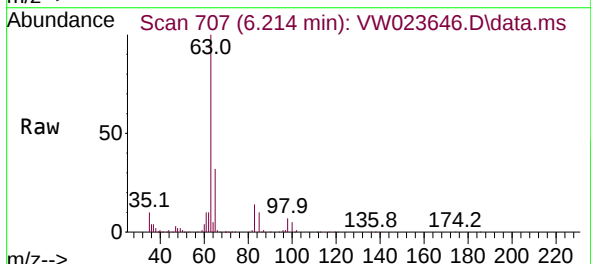
Instrument :
MSVOA_W
ClientSampleId :
VICV455

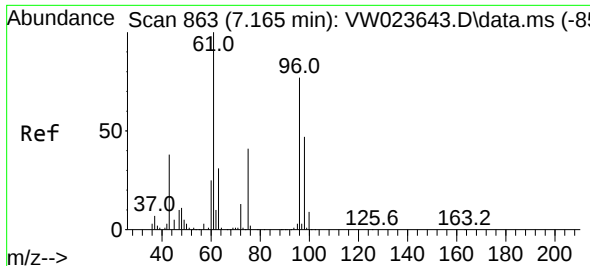
Tgt Ion: 73 Resp: 114231
Ion Ratio Lower Upper
73 100
43 11.4 17.6 26.4#
57 21.3 16.8 25.2



#19
1,1-Dichloroethane
Concen: 24.744 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 63 Resp: 132492
Ion Ratio Lower Upper
63 100
65 32.0 22.7 42.1
83 13.6 9.7 18.1

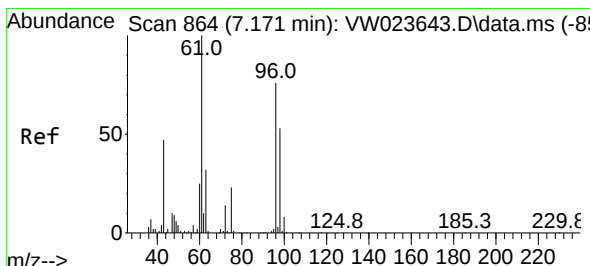
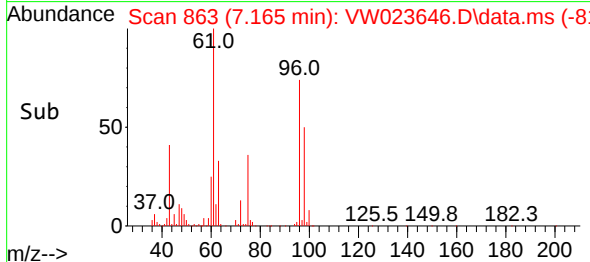
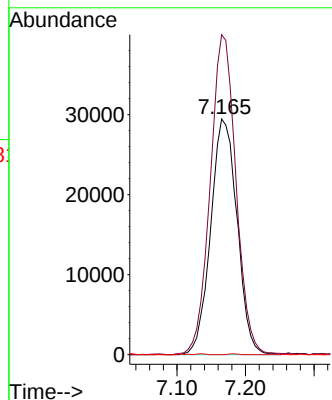
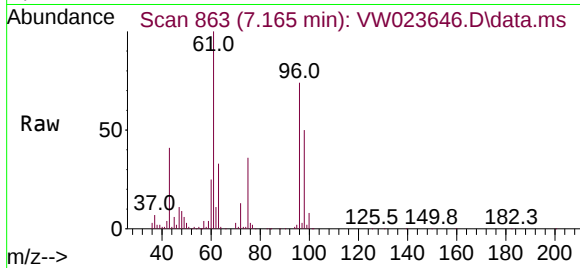




#20
 cis-1,2-Dichloroethene
 Concen: 24.474 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023646.D
 Acq: 13 Jul 2022 14:09

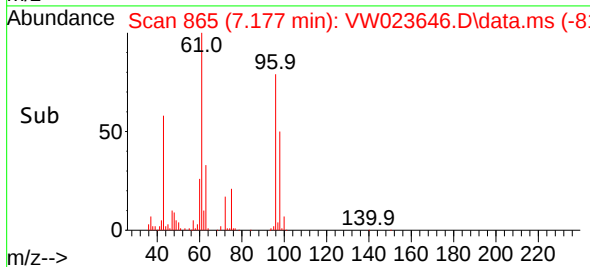
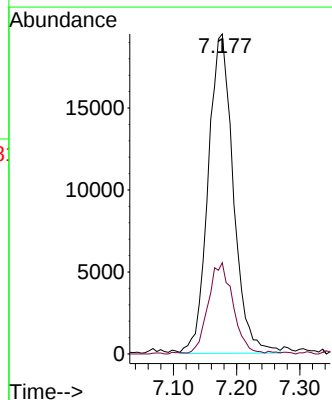
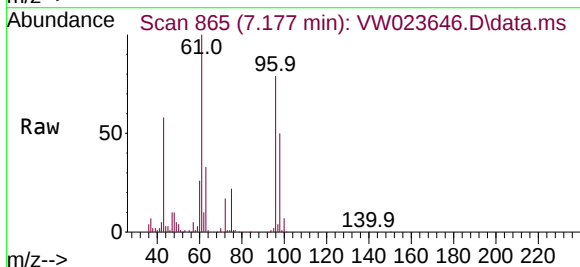
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV455

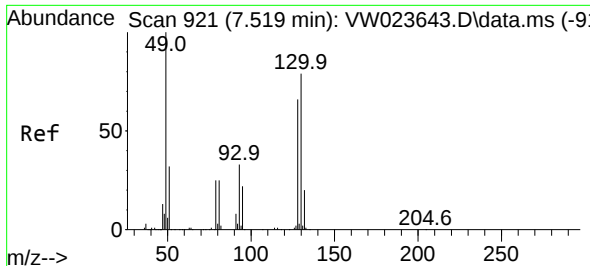
Tgt Ion: 96 Resp: 78707
 Ion Ratio Lower Upper
 96 100
 61 135.8 90.6 168.2
 68 0.0 0.2 0.4#



#22
 2-Butanone
 Concen: 51.830 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023646.D
 Acq: 13 Jul 2022 14:09

Tgt Ion: 43 Resp: 53846
 Ion Ratio Lower Upper
 43 100
 72 28.1 14.7 44.1

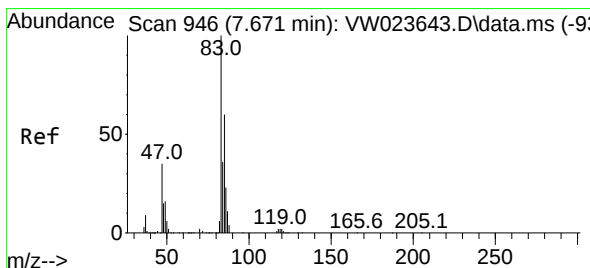
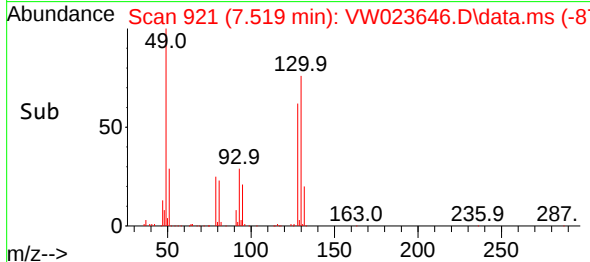
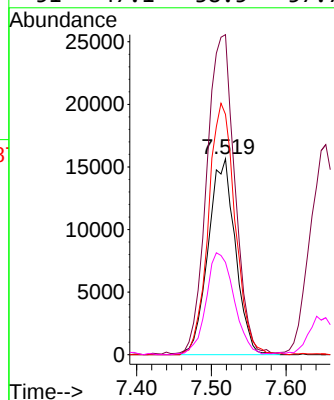
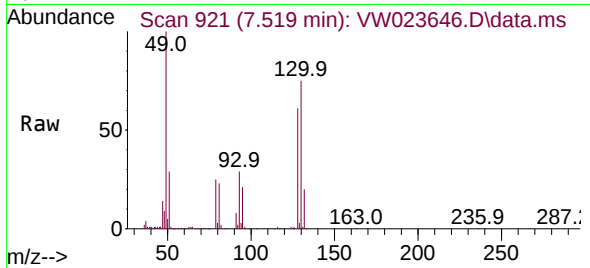




#23
Bromochloromethane
Concen: 25.546 ug/L
RT: 7.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

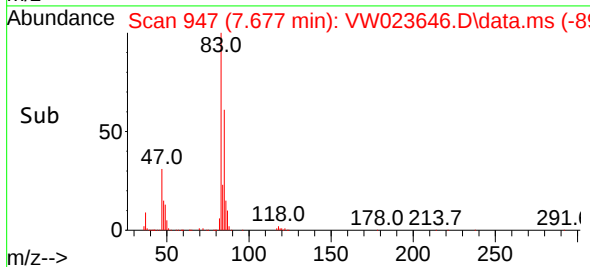
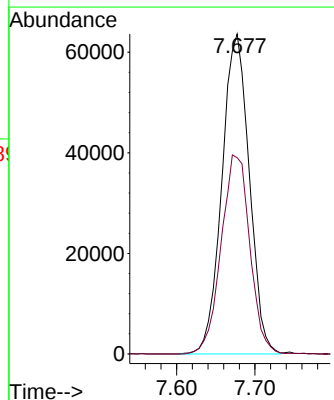
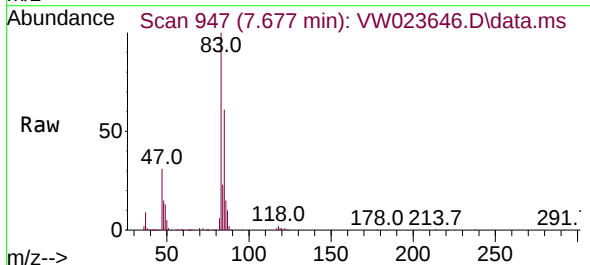
Instrument :
MSVOA_W
ClientSampleId :
VICV455

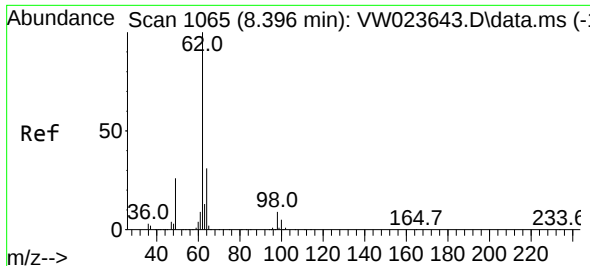
Tgt Ion:	128	Resp:	39465
Ion	Ratio	Lower	Upper
128	100		
49	163.4	106.0	196.8
130	122.7	83.2	154.4
51	47.1	38.5	57.7



#25
Chloroform
Concen: 25.063 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion:	83	Resp:	154606
Ion	Ratio	Lower	Upper
83	100		
85	61.4	41.9	77.9





#27

1,2-Dichloroethane

Concen: 25.382 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

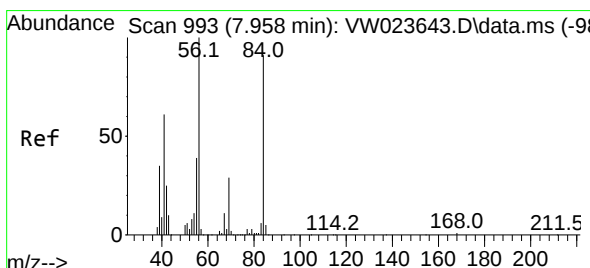
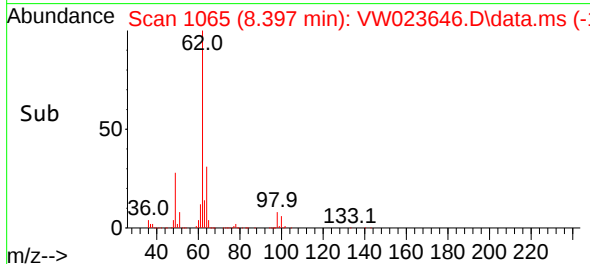
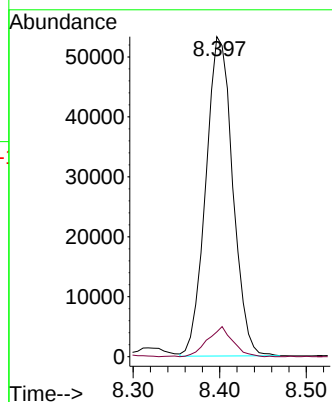
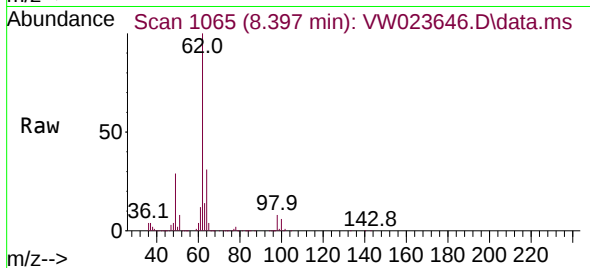
VICV455

Tgt Ion: 62 Resp: 115235

Ion Ratio Lower Upper

62 100

98 7.8 7.2 10.8



#29

Cyclohexane

Concen: 24.798 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

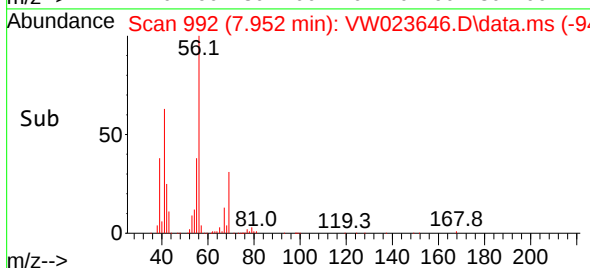
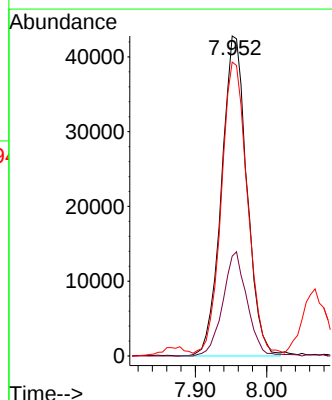
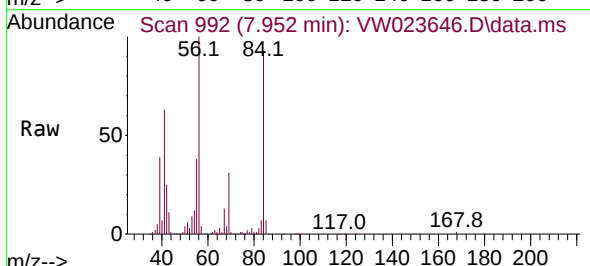
Tgt Ion: 56 Resp: 105472

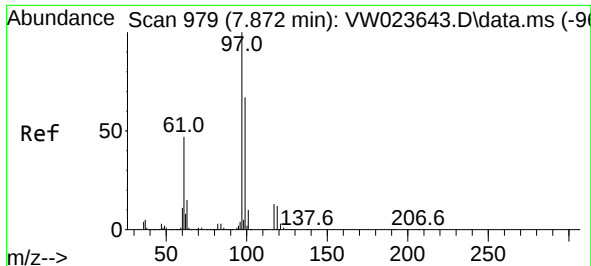
Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 94.8 75.0 112.4





#30

1,1,1-Trichloroethane

Concen: 24.192 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

VICV455

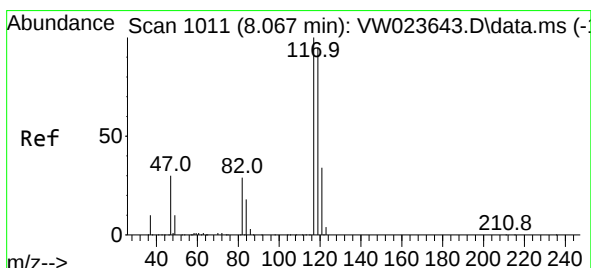
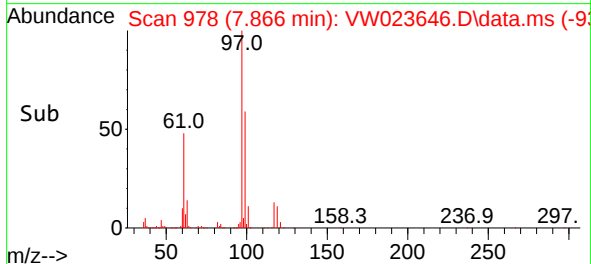
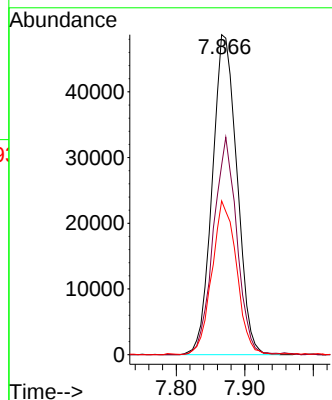
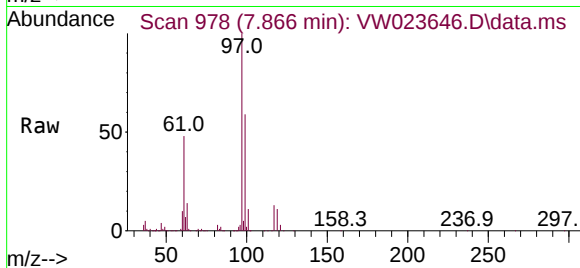
Tgt Ion: 97 Resp: 121816

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

61 47.8 37.5 56.3



#31

Carbon tetrachloride

Concen: 24.446 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023646.D

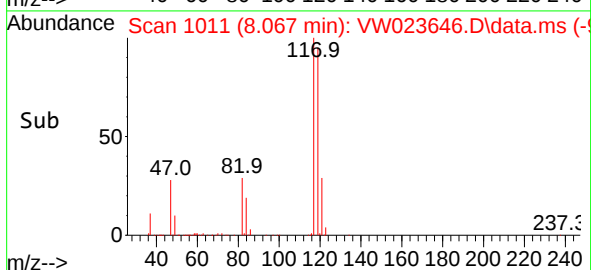
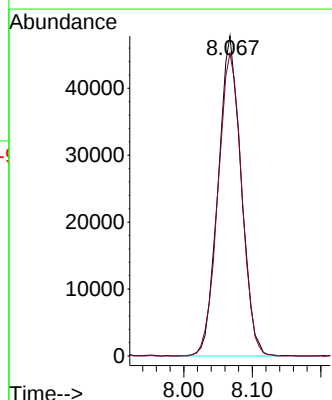
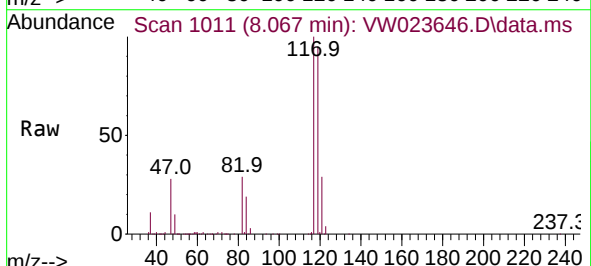
Acq: 13 Jul 2022 14:09

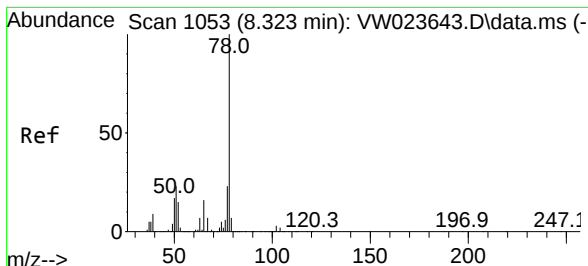
Tgt Ion: 117 Resp: 110962

Ion Ratio Lower Upper

117 100

119 97.8 75.7 113.5





#33

Benzene

Concen: 24.710 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

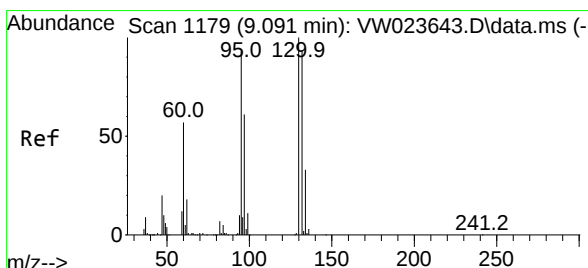
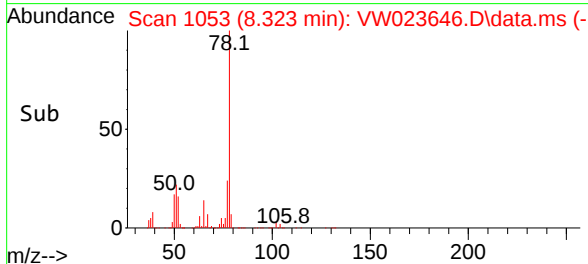
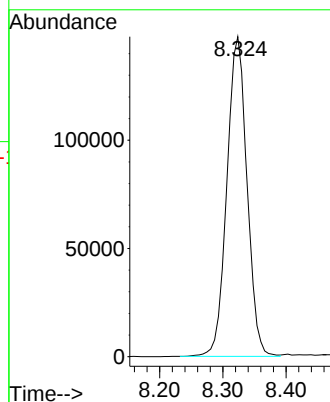
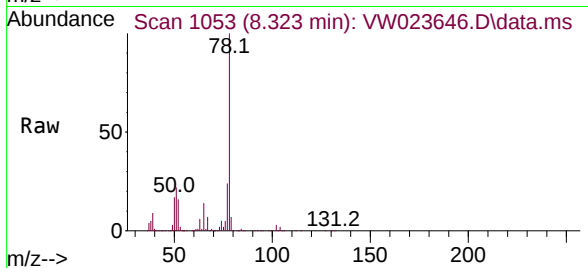
Instrument :

MSVOA_W

ClientSampleId :

VICV455

Tgt Ion: 78 Resp: 326554



#34

Trichloroethene

Concen: 23.722 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Tgt Ion: 95 Resp: 82784

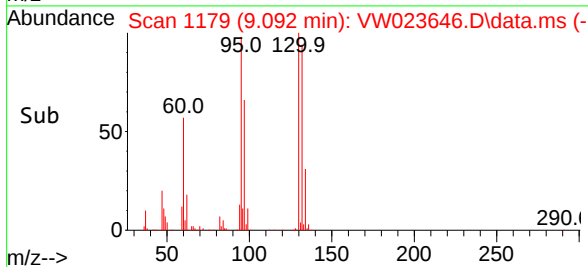
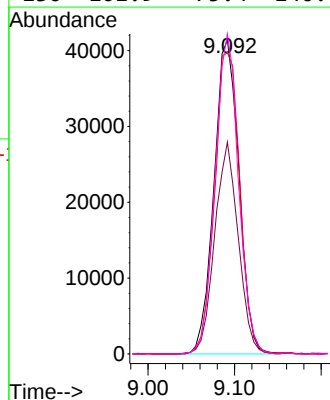
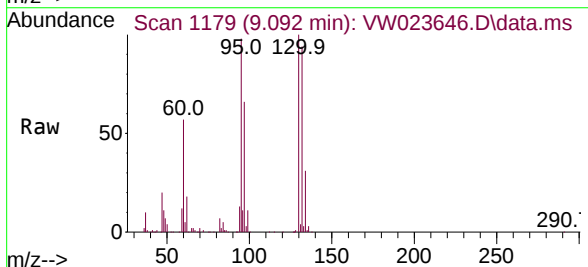
Ion Ratio Lower Upper

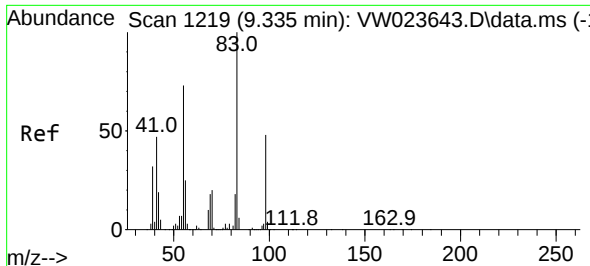
95 100

97 67.5 45.6 84.8

132 96.0 69.9 129.7

130 101.9 75.4 140.0

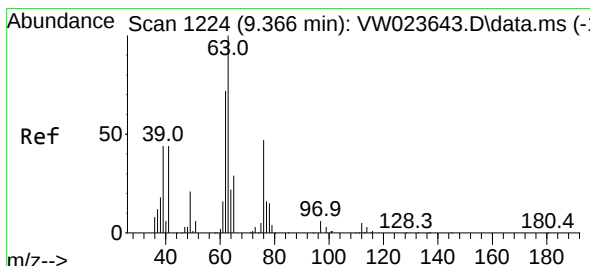
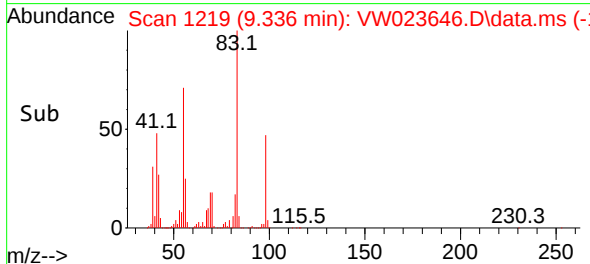
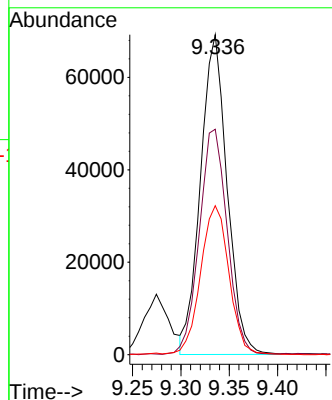
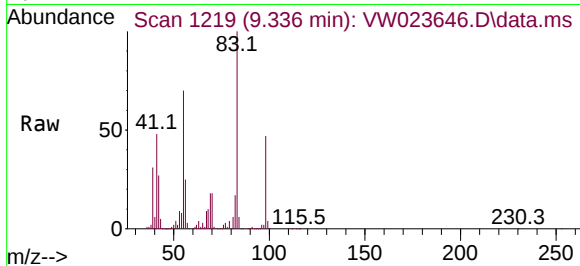




#35
Methylcyclohexane
Concen: 24.939 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

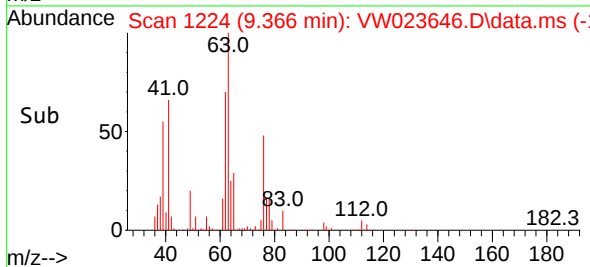
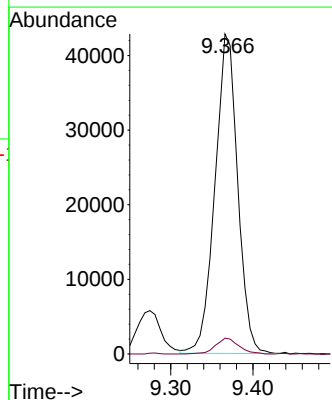
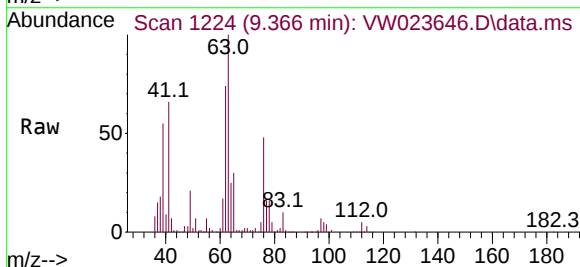
Instrument :
MSVOA_W
ClientSampleId :
VICV455

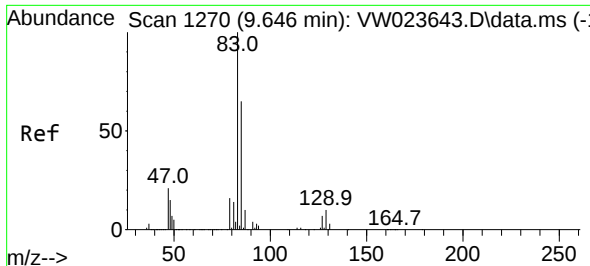
Tgt Ion: 83 Resp: 132527
Ion Ratio Lower Upper
83 100
55 74.2 60.8 91.2
98 49.8 39.5 59.3



#37
1,2-Dichloropropane
Concen: 24.794 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 63 Resp: 82147
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2

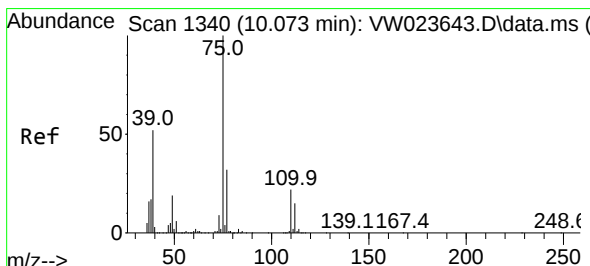
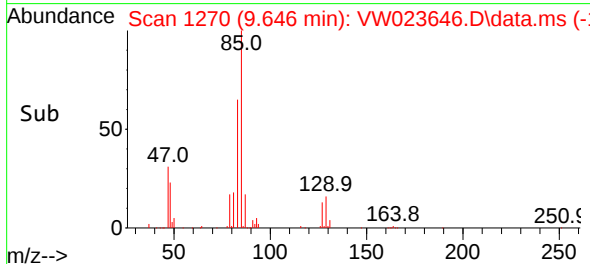
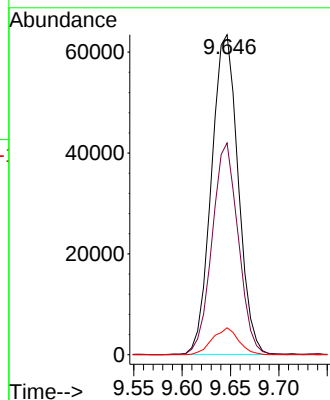
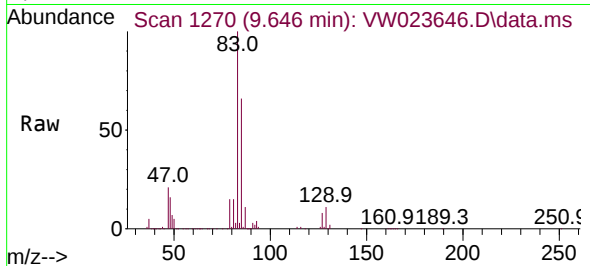




#38
Bromodichloromethane
Concen: 26.336 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

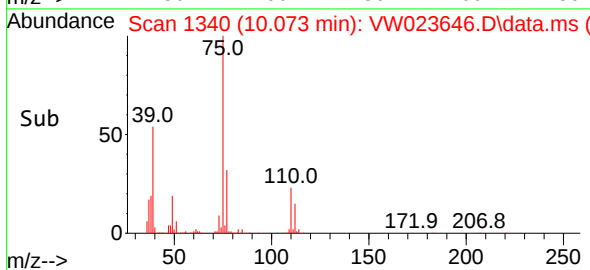
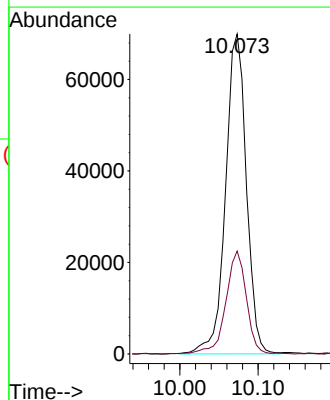
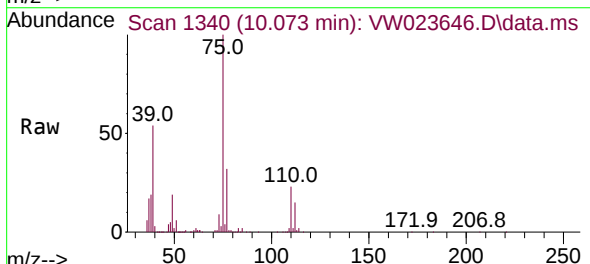
Instrument :
MSVOA_W
ClientSampleId :
VICV455

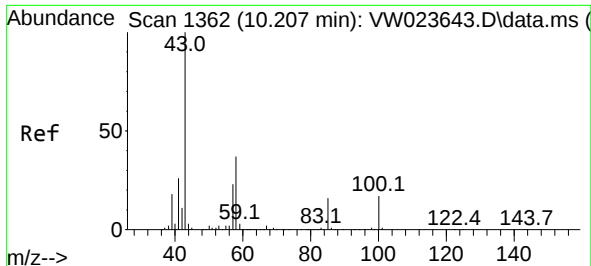
Tgt Ion: 83 Resp: 121784
Ion Ratio Lower Upper
83 100
85 66.1 45.5 84.5
127 8.4 6.0 9.0



#39
cis-1,3-Dichloropropene
Concen: 25.826 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 75 Resp: 128971
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 56.078 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

VICV455

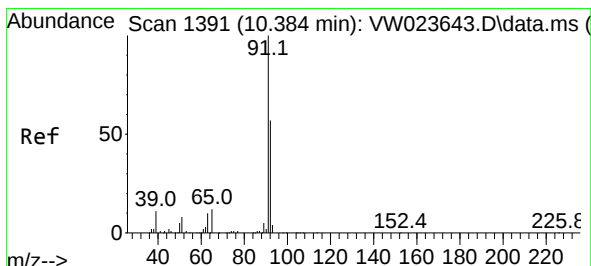
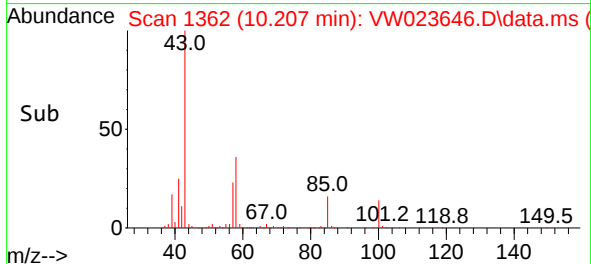
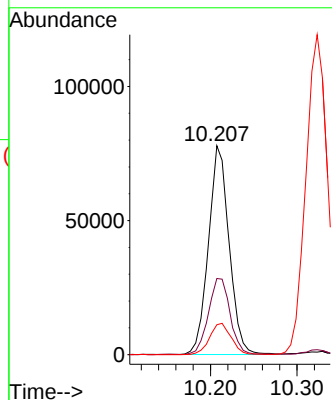
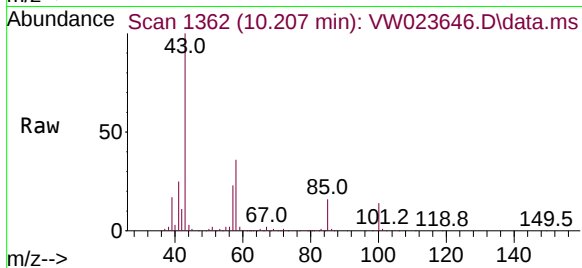
Tgt Ion: 43 Resp: 129291

Ion Ratio Lower Upper

43 100

58 38.3 29.8 44.8

100 15.8 13.0 19.4



#42

Toluene

Concen: 26.290 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023646.D

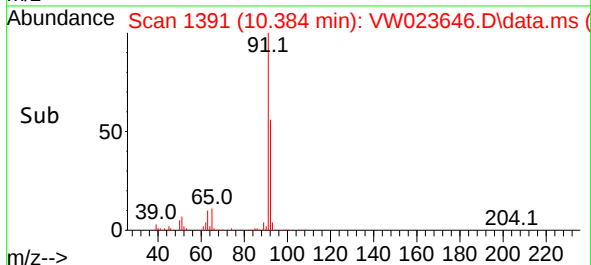
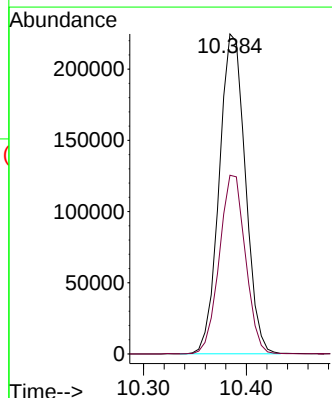
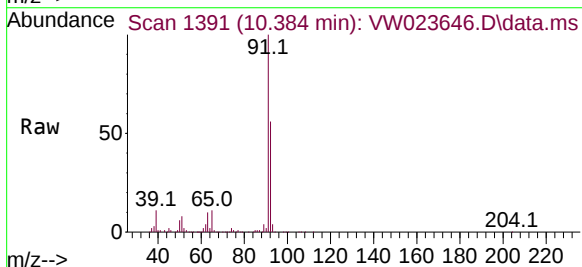
Acq: 13 Jul 2022 14:09

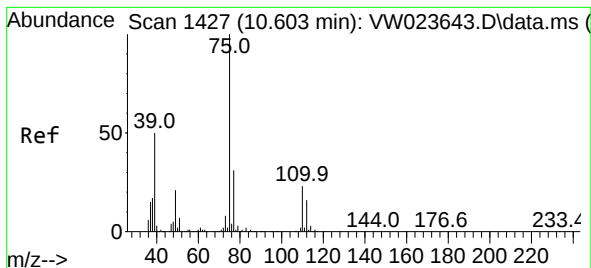
Tgt Ion: 91 Resp: 396233

Ion Ratio Lower Upper

91 100

92 55.8 39.9 74.1

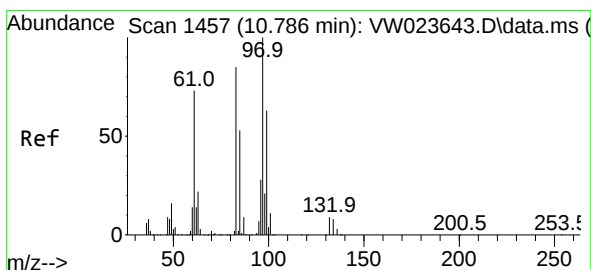
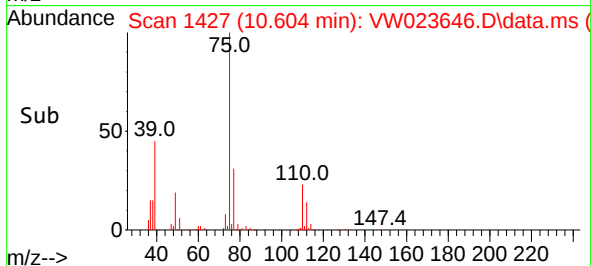
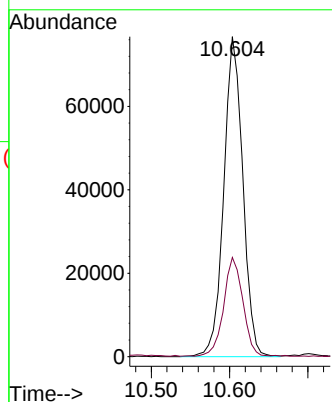
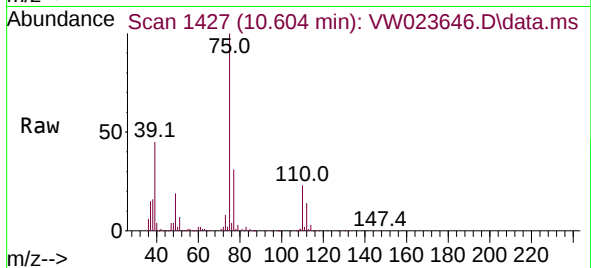




#44
trans-1,3-Dichloropropene
Concen: 27.350 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

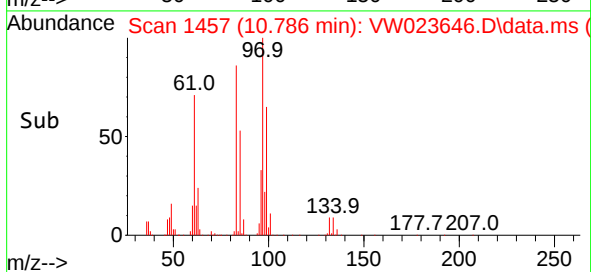
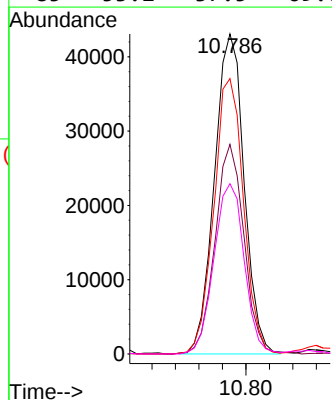
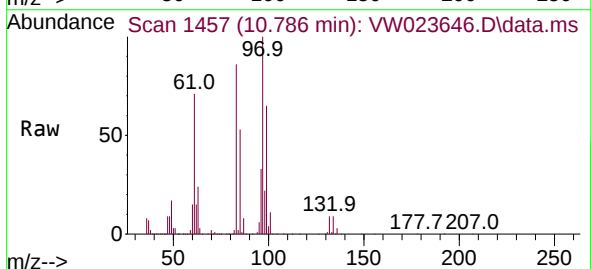
Instrument :
MSVOA_W
ClientSampleId :
VICV455

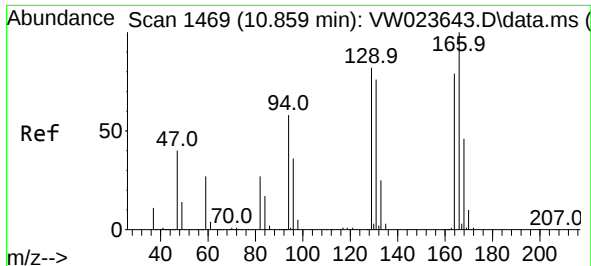
Tgt Ion: 75 Resp: 129817
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 26.083 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 97 Resp: 75564
Ion Ratio Lower Upper
97 100
99 65.5 44.2 82.2
83 86.1 59.8 111.0
85 53.2 37.5 69.6

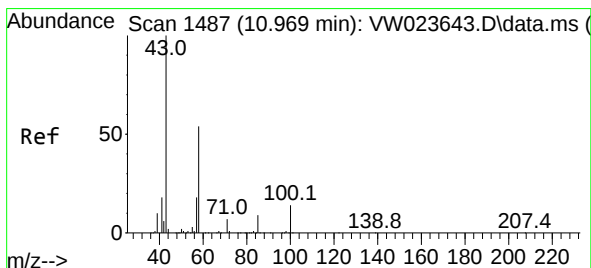
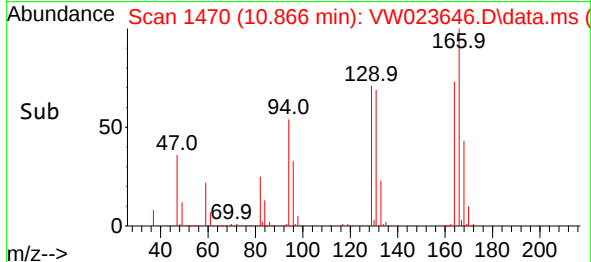
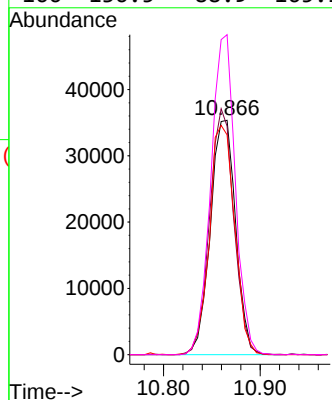
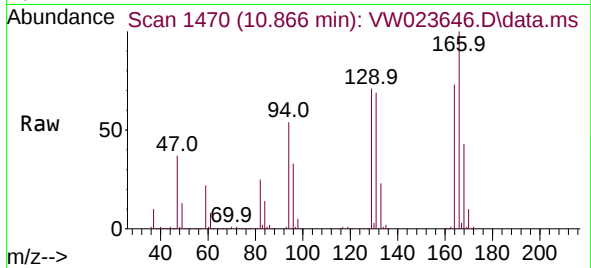




#46
Tetrachloroethene
Concen: 23.742 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

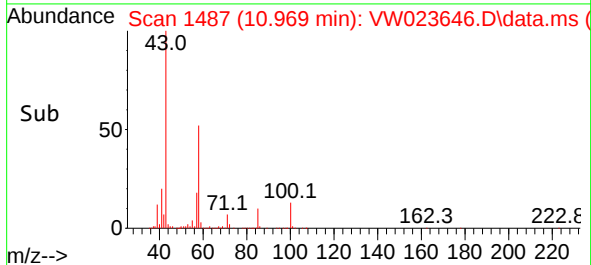
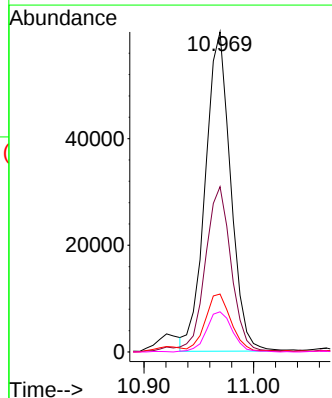
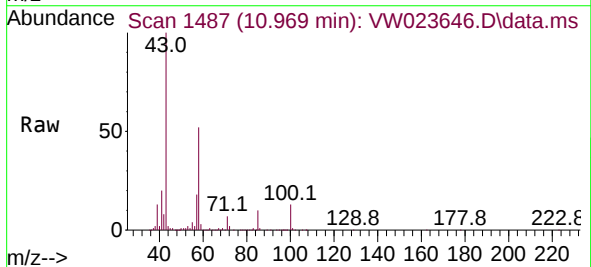
Instrument :
MSVOA_W
ClientSampleId :
VICV455

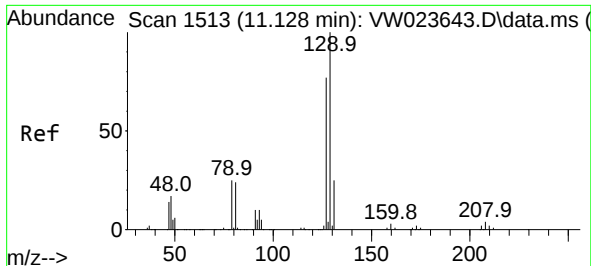
Tgt Ion:164 Resp: 64067
Ion Ratio Lower Upper
164 100
129 97.5 72.4 134.5
131 93.8 67.8 125.8
166 136.5 88.9 165.1



#48
2-Hexanone
Concen: 57.283 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 43 Resp: 96157
Ion Ratio Lower Upper
43 100
58 52.7 41.6 62.4
57 18.5 14.6 21.8
100 13.0 10.6 15.8





#49

Dibromochloromethane

Concen: 26.979 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

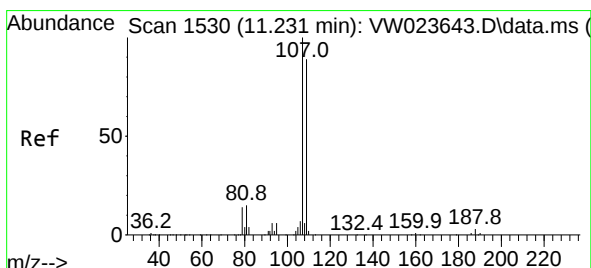
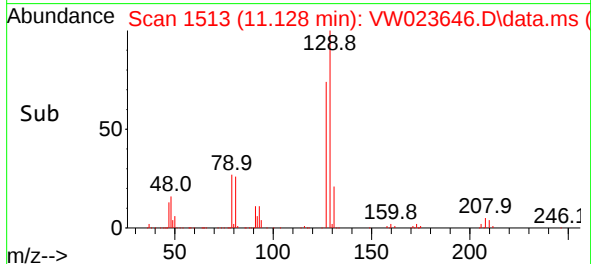
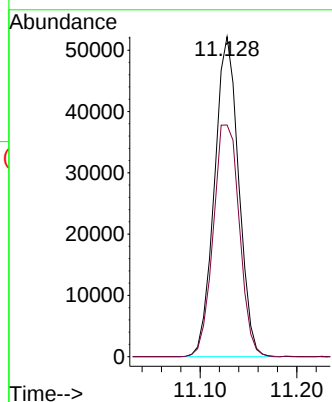
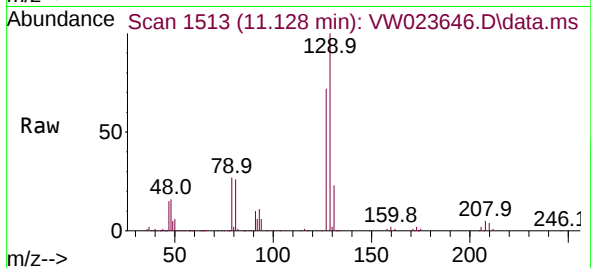
VICV455

Tgt Ion:129 Resp: 90642

Ion Ratio Lower Upper

129 100

127 72.4 53.7 99.7



#50

1,2-Dibromoethane

Concen: 27.110 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

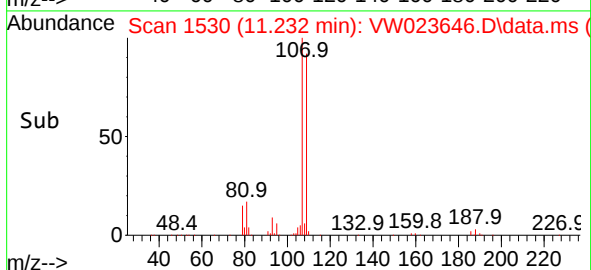
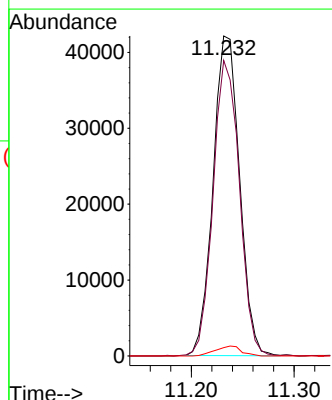
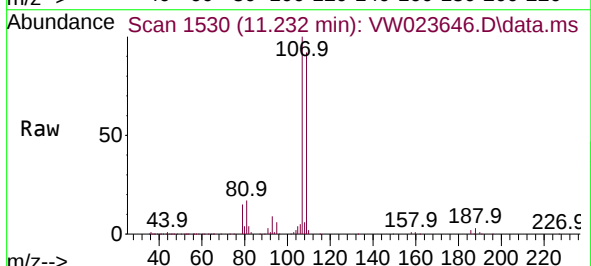
Tgt Ion:107 Resp: 75454

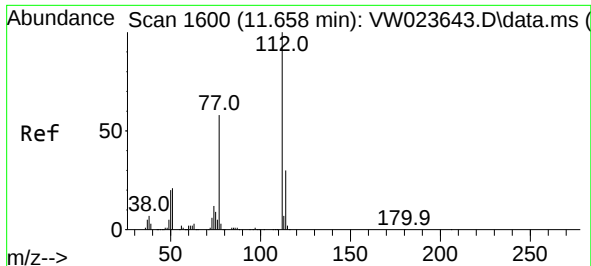
Ion Ratio Lower Upper

107 100

109 92.4 62.4 116.0

188 2.6 2.3 3.5

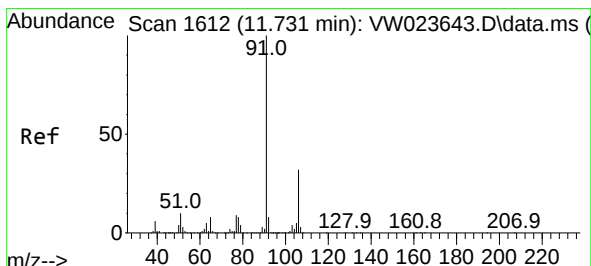
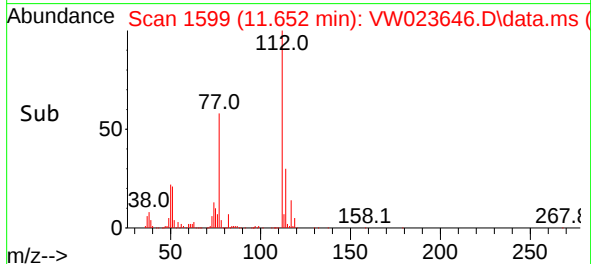
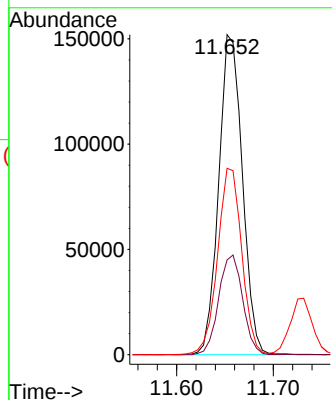
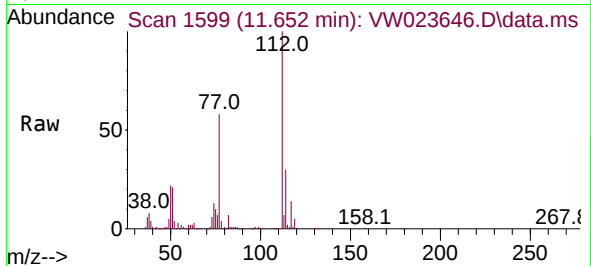




#51
Chlorobenzene
Concen: 25.355 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

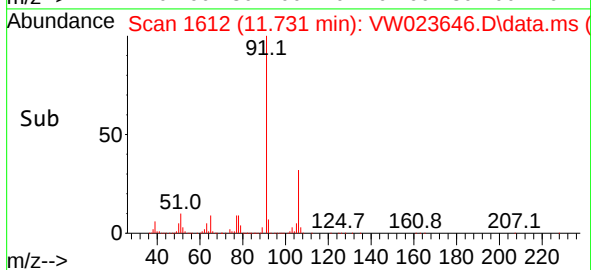
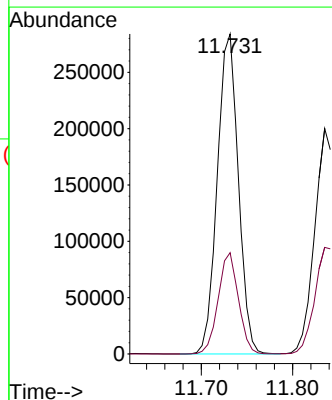
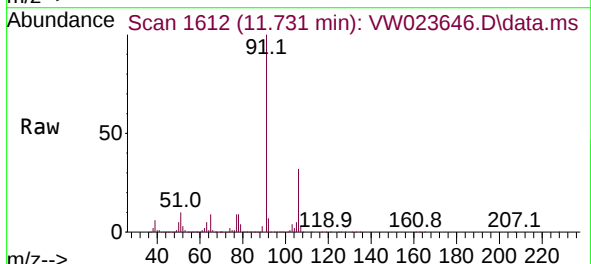
Instrument :
MSVOA_W
ClientSampleId :
VICV455

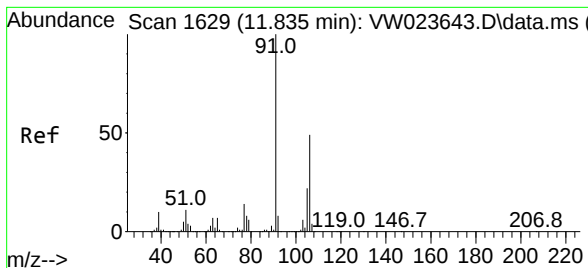
Tgt Ion:112 Resp: 257731
Ion Ratio Lower Upper
112 100
114 29.6 21.1 39.3
77 58.3 46.6 69.8



#52
Ethylbenzene
Concen: 26.538 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion: 91 Resp: 454512
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.9

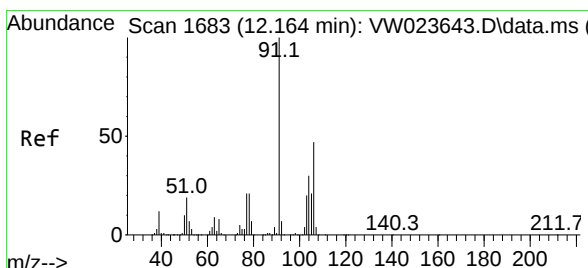
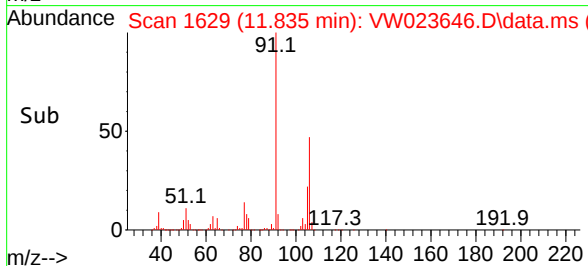
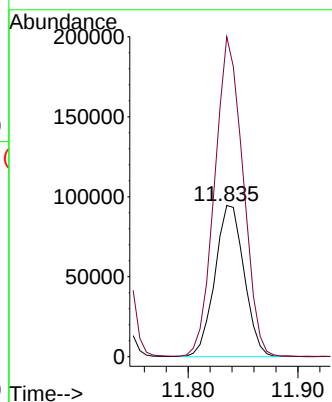
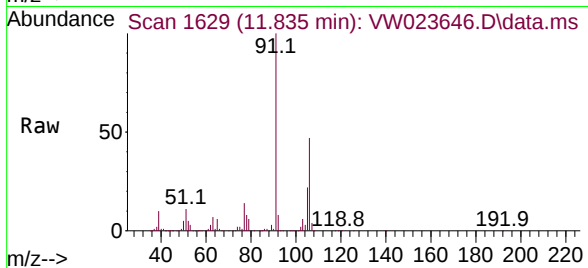




#53
m,p-Xylene
Concen: 26.250 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

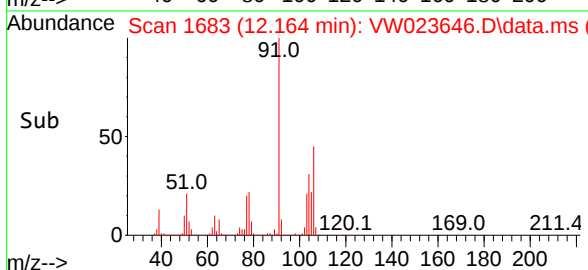
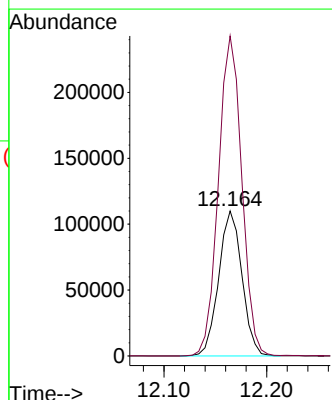
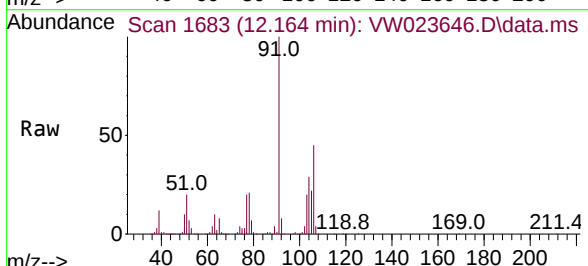
Instrument :
MSVOA_W
ClientSampleId :
VICV455

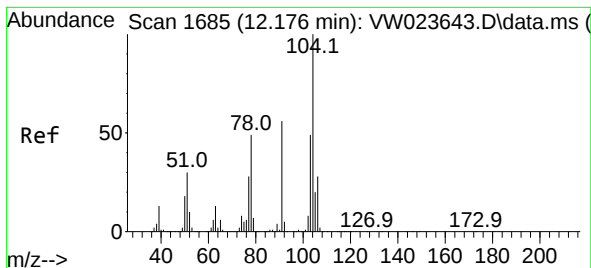
Tgt Ion:106 Resp: 175410
Ion Ratio Lower Upper
106 100
91 211.5 142.8 265.2



#54
o-Xylene
Concen: 26.976 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion:106 Resp: 173116
Ion Ratio Lower Upper
106 100
91 220.7 149.6 277.8





#55

Styrene

Concen: 28.296 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

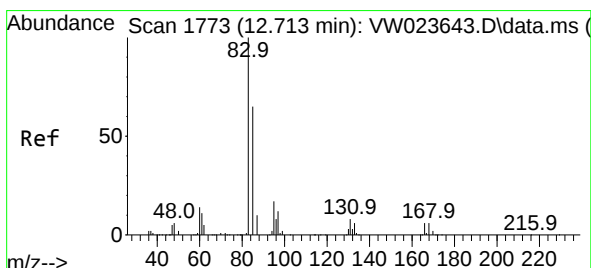
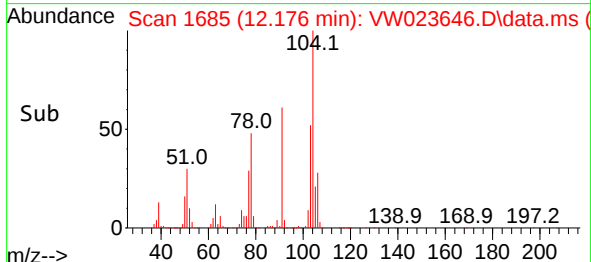
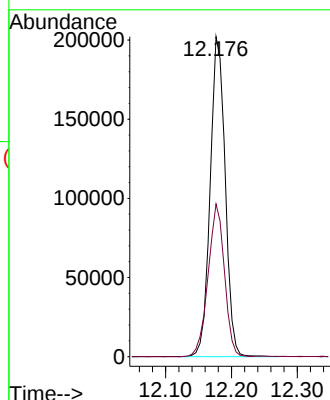
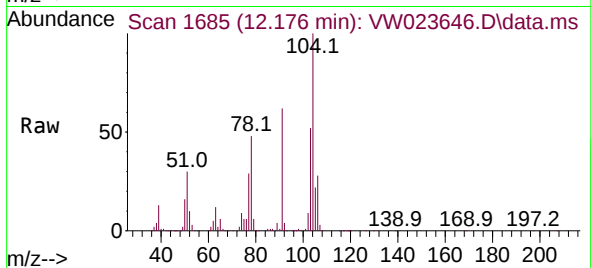
VICV455

Tgt Ion:104 Resp: 320800

Ion Ratio Lower Upper

104 100

78 47.7 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 27.503 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

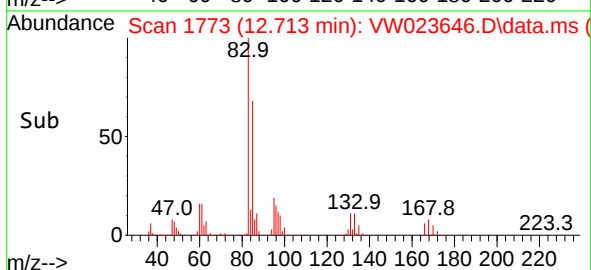
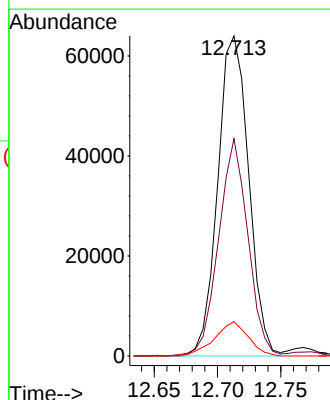
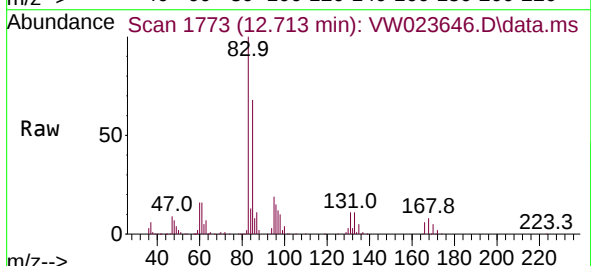
Tgt Ion: 83 Resp: 108682

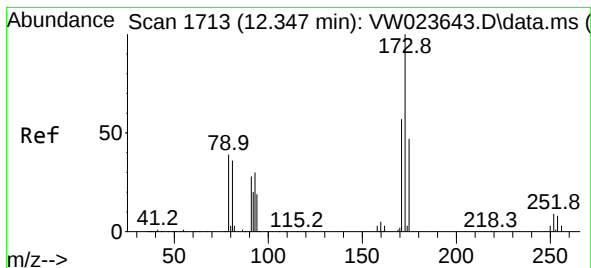
Ion Ratio Lower Upper

83 100

85 67.9 46.5 86.3

131 10.7 7.4 11.0





#59

Bromoform

Concen: 26.524 ug/L

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

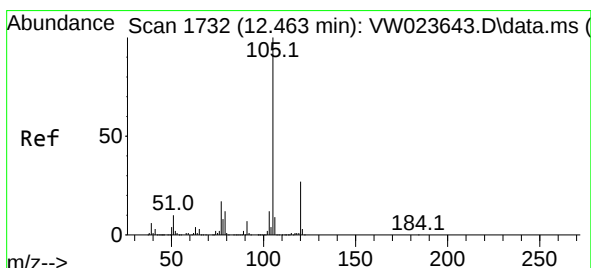
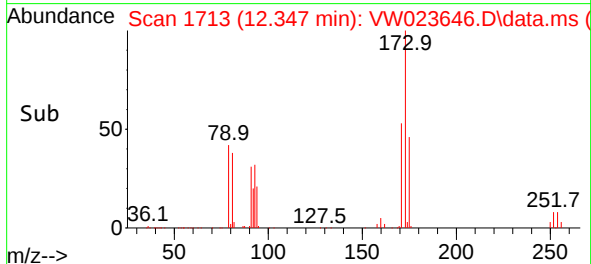
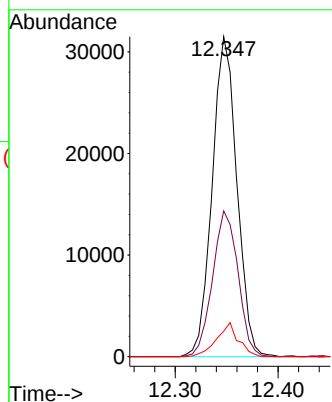
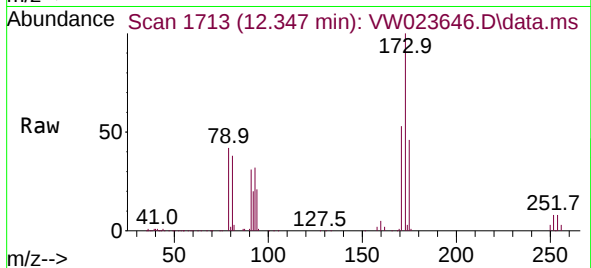
Instrument :

MSVOA_W

ClientSampleId :

VICV455

Tgt Ion:173 Resp: 52517
 Ion Ratio Lower Upper
 173 100
 175 47.0 38.9 58.3
 254 9.4 5.9 8.9#



#60

Isopropylbenzene

Concen: 26.868 ug/L

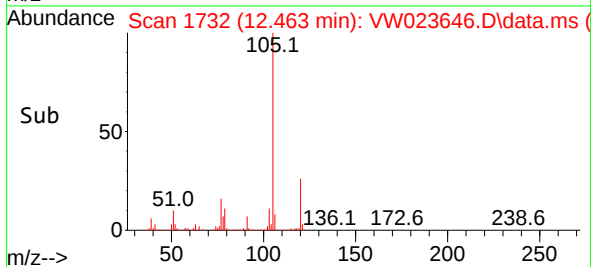
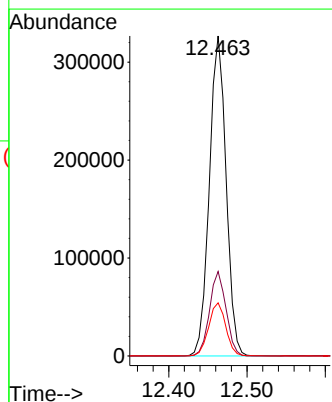
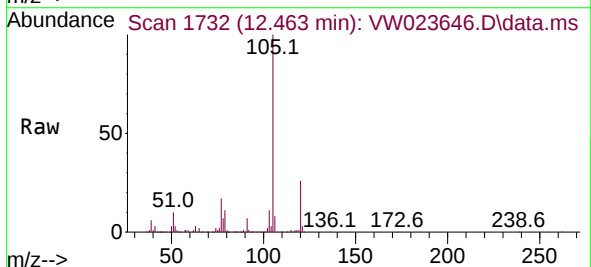
RT: 12.463 min Scan# 1732

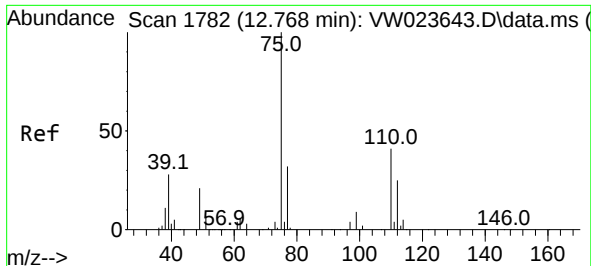
Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Tgt Ion:105 Resp: 484629
 Ion Ratio Lower Upper
 105 100
 120 26.0 20.7 31.1
 77 17.0 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 26.432 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

VICV455

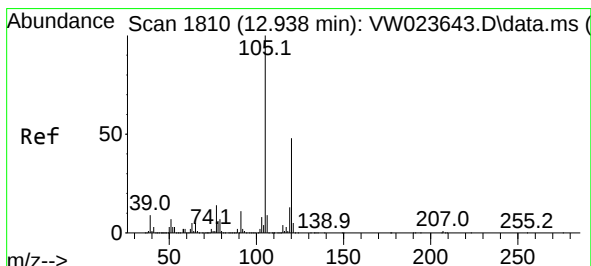
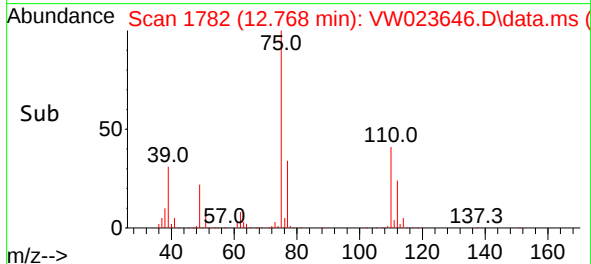
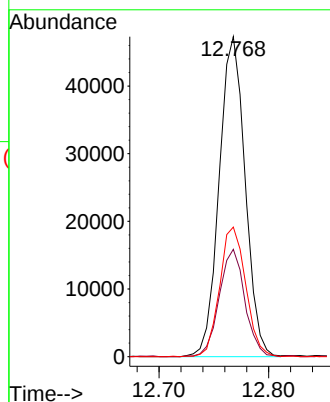
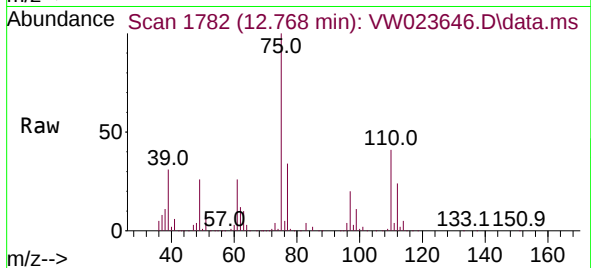
Tgt Ion: 75 Resp: 77823

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4

110 40.6 31.9 47.9



#62

1,3,5-Trimethylbenzene

Concen: 27.691 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023646.D

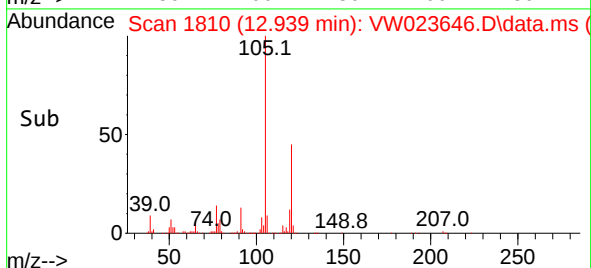
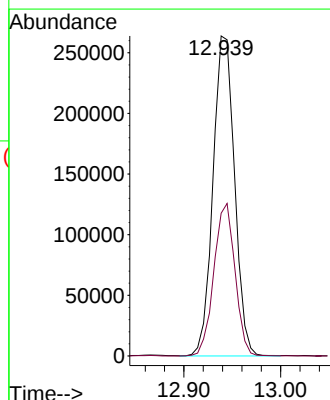
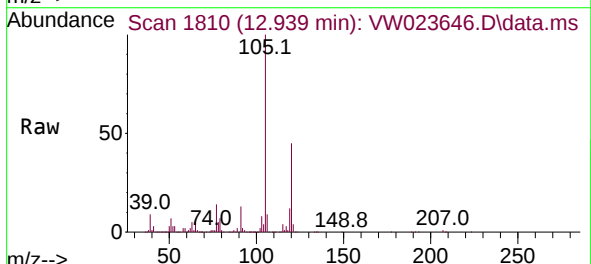
Acq: 13 Jul 2022 14:09

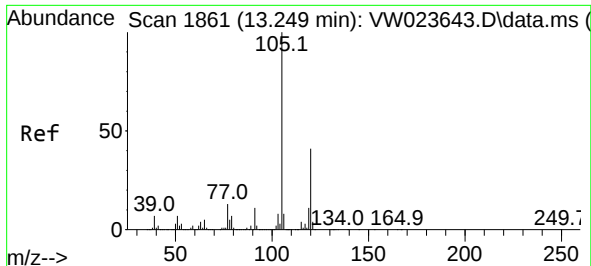
Tgt Ion: 105 Resp: 408923

Ion Ratio Lower Upper

105 100

120 46.7 38.7 58.1

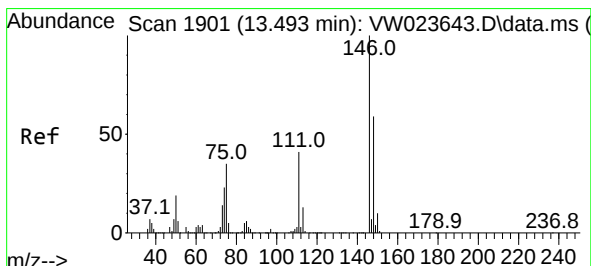
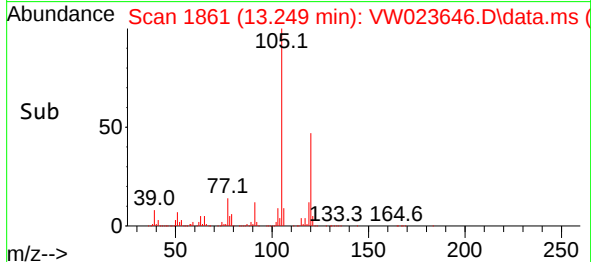
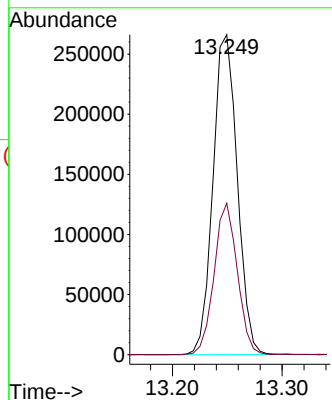
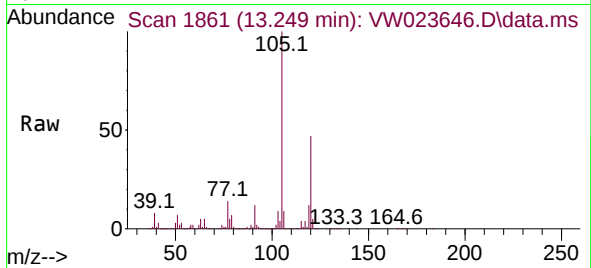




#63
1,2,4-Trimethylbenzene
Concen: 27.758 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

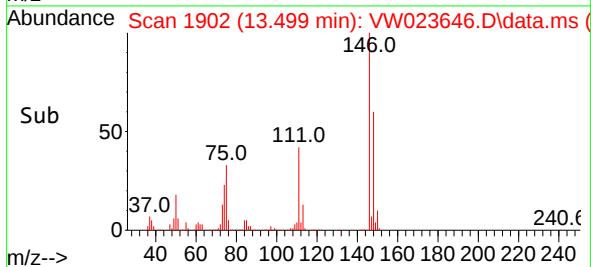
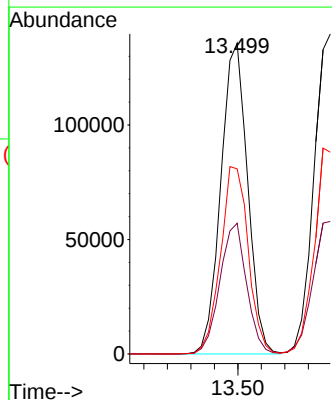
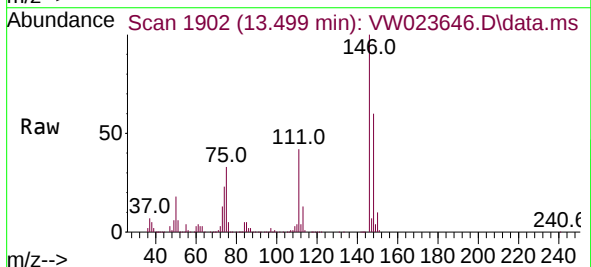
Instrument :
MSVOA_W
ClientSampleId :
VICV455

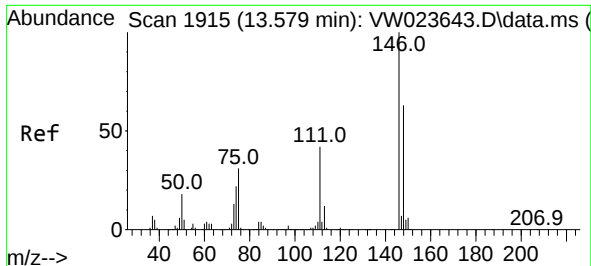
Tgt Ion:105 Resp: 409816
Ion Ratio Lower Upper
105 100
120 45.2 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 26.240 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion:146 Resp: 214894
Ion Ratio Lower Upper
146 100
111 42.1 28.6 53.2
148 59.5 41.2 76.4

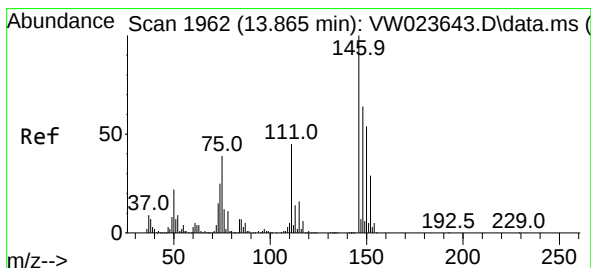
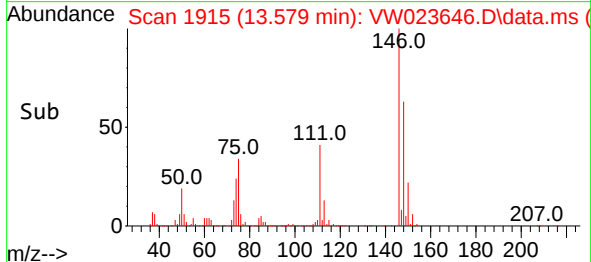
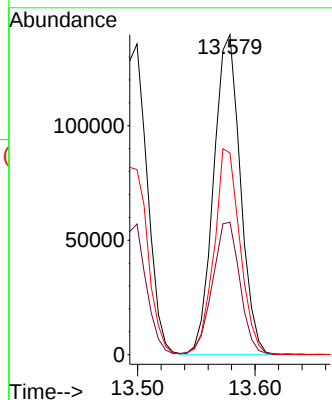
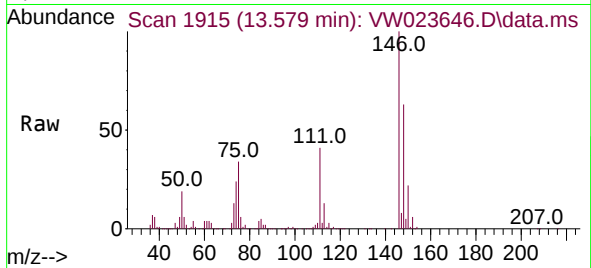




#65
1,4-Dichlorobenzene
Concen: 25.382 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

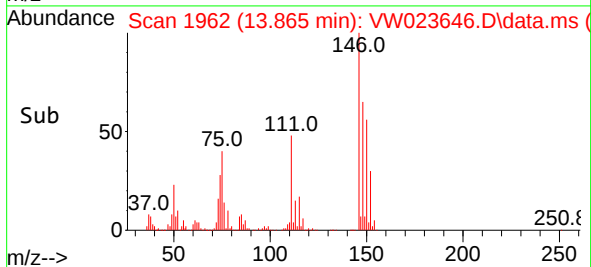
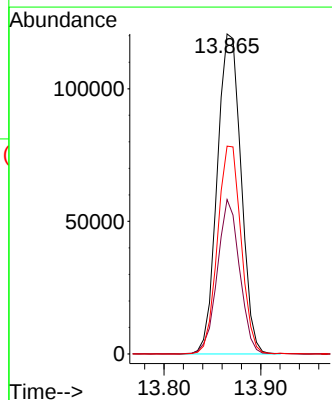
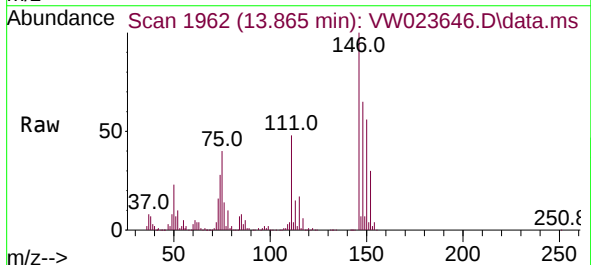
Instrument :
MSVOA_W
ClientSampleId :
VICV455

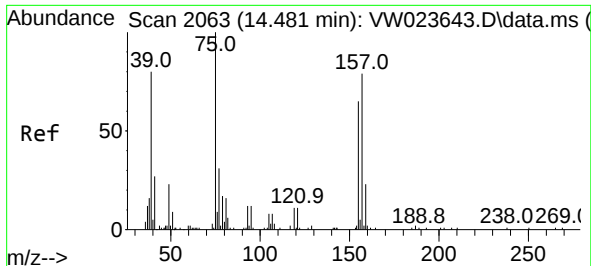
Tgt Ion:146 Resp: 221145
Ion Ratio Lower Upper
146 100
111 41.4 29.4 54.6
148 63.0 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 26.709 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion:146 Resp: 206289
Ion Ratio Lower Upper
146 100
111 48.3 35.9 53.9
148 65.0 51.3 76.9

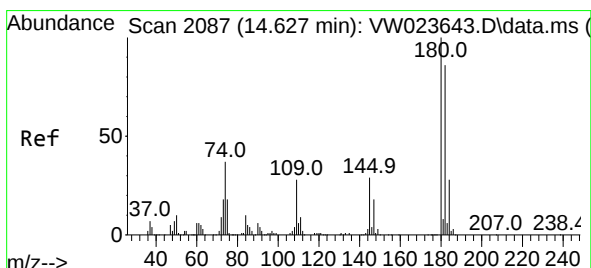
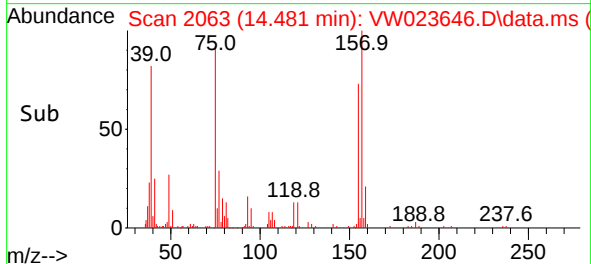
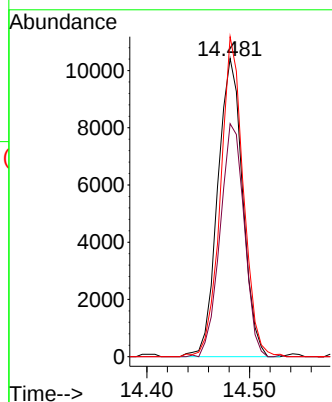
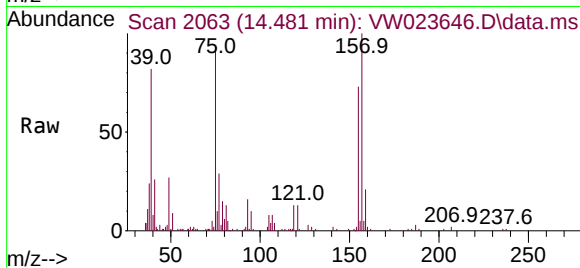




#68
1,2-Dibromo-3-chloropropane
Concen: 25.804 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

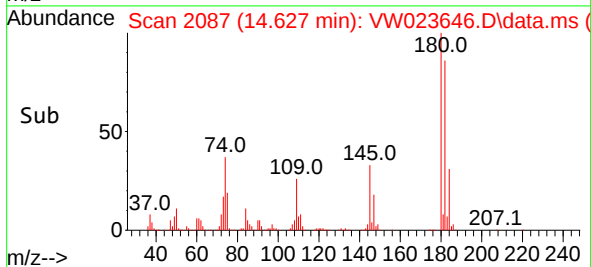
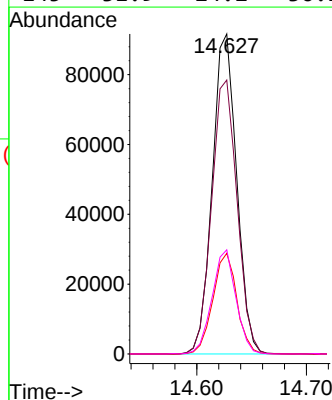
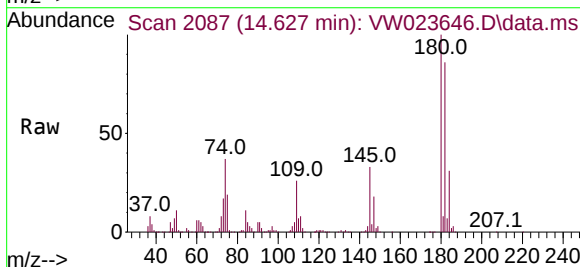
Instrument :
MSVOA_W
ClientSampleId :
VICV455

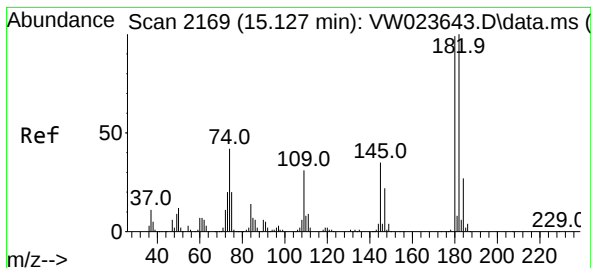
Tgt Ion:	75	Resp:	17523
Ion	Ratio	Lower	Upper
75	100		
155	78.1	51.7	77.5#
157	107.3	63.5	95.3#



#69
1,3,5-Trichlorobenzene
Concen: 26.145 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023646.D
Acq: 13 Jul 2022 14:09

Tgt Ion:	180	Resp:	141723
Ion	Ratio	Lower	Upper
180	100		
182	89.7	70.2	105.2
184	31.0	22.6	34.0
145	31.9	24.2	36.2





#70

1,2,4-trichlorobenzene

Concen: 26.439 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

VICV455

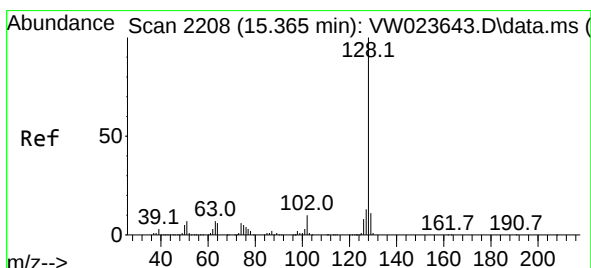
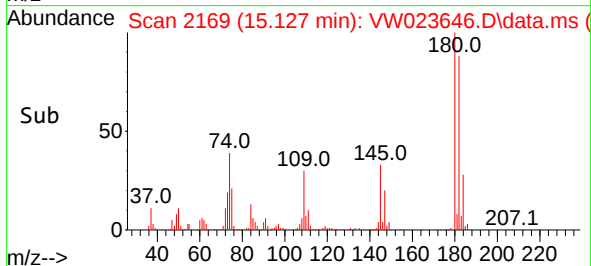
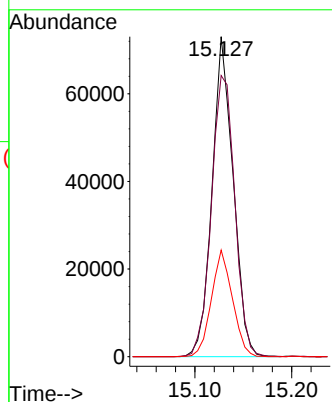
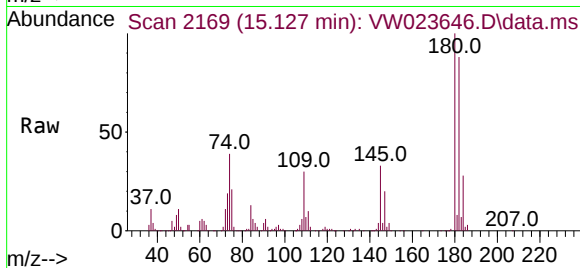
Tgt Ion:180 Resp: 110665

Ion Ratio Lower Upper

180 100

182 97.5 77.5 116.3

145 33.3 26.3 39.5



#71

Naphthalene

Concen: 29.748 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW023646.D

Acq: 13 Jul 2022 14:09

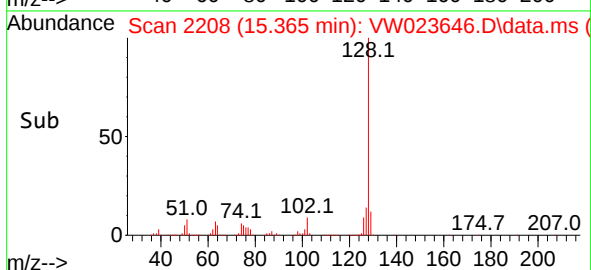
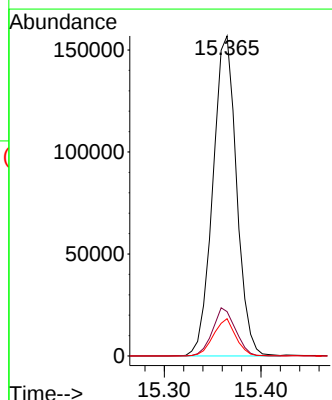
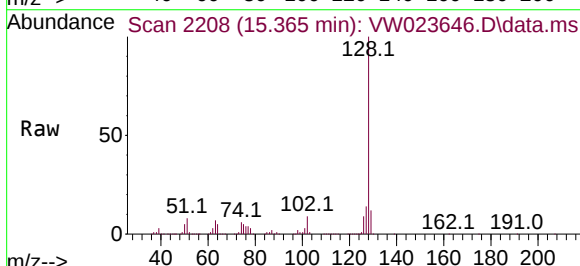
Tgt Ion:128 Resp: 267091

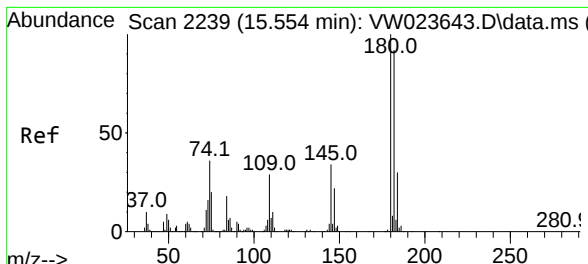
Ion Ratio Lower Upper

128 100

127 14.6 11.0 16.4

129 11.0 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 26.998 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW023646.D
 Acq: 13 Jul 2022 14:09

Instrument : MSVOA_W
 ClientSampleId : VICV455

Tgt Ion:	180	Resp:	105329
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.3	114.5
145	34.1	27.8	41.6

