

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021373.D
 Acq On : 13 Dec 2021 19:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:38:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 14 00:34:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85269	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	85774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51903	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41774	26.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.600%	
7) Chloroethane-d5	2.879	69	32476	31.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.520%	
11) 1,1-Dichloroethene-d2	4.019	63	51581	24.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.640%	
21) 2-Butanone-d5	7.080	46	14466	66.083	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 132.160%	
24) Chloroform-d	7.653	84	62490	26.298	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.200%	
26) 1,2-Dichloroethane-d4	8.305	65	33228	26.288	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.160%	
32) Benzene-d6	8.275	84	117323	24.954	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 99.800%	
36) 1,2-Dichloropropane-d6	9.274	67	32283	25.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.400%	
41) Toluene-d8	10.323	98	116722	24.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.200%	
43) trans-1,3-Dichloroprop...	10.579	79	15799	27.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.840%	
47) 2-Hexanone-d5	10.927	63	11967	64.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 128.360%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32664	30.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 120.520%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	47369	23.549	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9000	27.317	ug/L	99
3) Chloromethane	2.215	50	23854	21.870	ug/L	99
5) Vinyl chloride	2.361	62	43572	25.447	ug/L	98
6) Bromomethane	2.776	94	30343	27.320	ug/L	97
8) Chloroethane	2.916	64	22998	29.154	ug/L	96
9) Trichlorofluoromethane	3.257	101	24765	27.411	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	30415	25.832	ug/L	90
12) 1,1-Dichloroethene	4.038	96	26483	25.056	ug/L	83
13) Acetone	4.123	43	9945	50.677	ug/L	92
14) Carbon disulfide	4.385	76	74335	27.234	ug/L	99
15) Methyl Acetate	4.672	43	10214	30.165	ug/L	# 87
16) Methylene chloride	4.915	84	29909	21.228	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	27477	24.010	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	39417	24.939	ug/L	93
19) 1,1-Dichloroethane	6.214	63	43877	24.433	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	30090	24.928	ug/L	71
22) 2-Butanone	7.171	43	14030	54.744	ug/L	85
23) Bromochloromethane	7.513	128	14235	25.221	ug/L	# 66
25) Chloroform	7.677	83	51958	24.924	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021373.D
 Acq On : 13 Dec 2021 19:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:38:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 14 00:34:04 2021
 Response via : Initial Calibration

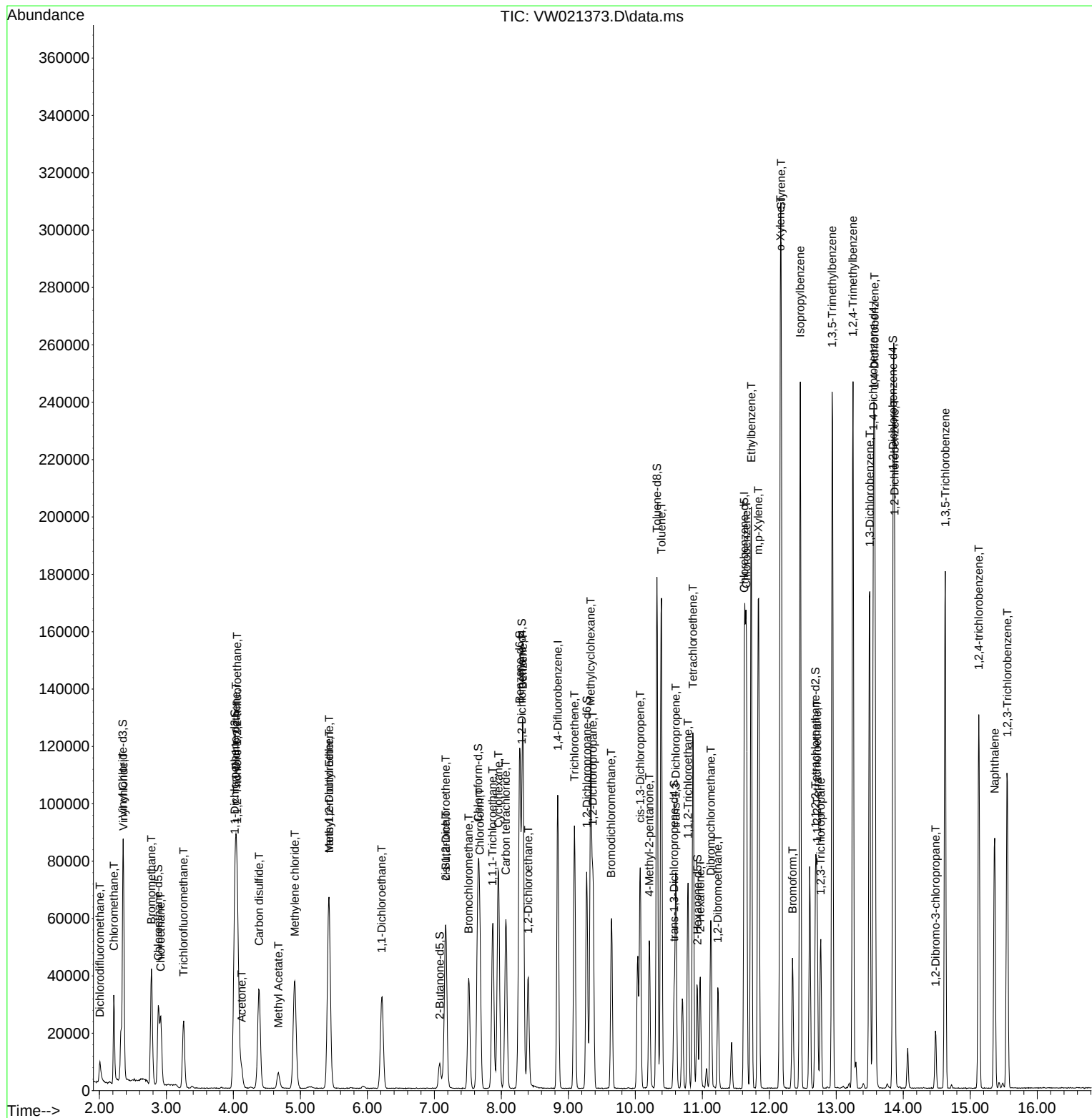
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	33816	25.615	ug/L #	91
29) Cyclohexane	7.958	56	37846	22.168	ug/L #	80
30) 1,1,1-Trichloroethane	7.866	97	46684	24.257	ug/L	94
31) Carbon tetrachloride	8.067	117	44759	25.211	ug/L	98
33) Benzene	8.323	78	109018	23.332	ug/L	100
34) Trichloroethene	9.092	95	29597	22.565	ug/L	89
35) Methylcyclohexane	9.335	83	47874	22.126	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	24746	23.743	ug/L #	95
38) Bromodichloromethane	9.640	83	38638	26.963	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	41999	25.563	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	30976	54.545	ug/L #	90
42) Toluene	10.390	91	125423	22.951	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	37424	26.006	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	22319	26.164	ug/L	92
46) Tetrachloroethene	10.860	164	27615	22.163	ug/L	98
48) 2-Hexanone	10.969	43	23495	57.050	ug/L #	93
49) Dibromochloromethane	11.128	129	30574	29.073	ug/L	92
50) 1,2-Dibromoethane	11.231	107	21846	25.733	ug/L #	96
51) Chlorobenzene	11.658	112	84938	23.215	ug/L	91
52) Ethylbenzene	11.731	91	137772	22.062	ug/L	96
53) m,p-Xylene	11.835	106	56602	22.468	ug/L	84
54) o-Xylene	12.164	106	54755	22.902	ug/L	96
55) Styrene	12.176	104	96382	23.687	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	27406	28.026	ug/L #	94
59) Bromoform	12.347	173	20301	32.872	ug/L #	97
60) Isopropylbenzene	12.463	105	151153	21.432	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	19434	25.727	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	127417	21.231	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	129237	21.830	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	76671	23.048	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	78367	23.711	ug/L	85
67) 1,2-Dichlorobenzene	13.871	146	67015	22.882	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4813	30.890	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	53449	21.497	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	41058	20.531	ug/L	99
71) Naphthalene	15.365	128	77031	23.709	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	37680	22.799	ug/L	98

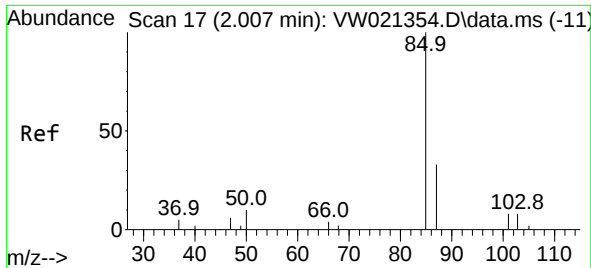
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021373.D
 Acq On : 13 Dec 2021 19:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:38:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 14 00:34:04 2021
 Response via : Initial Calibration

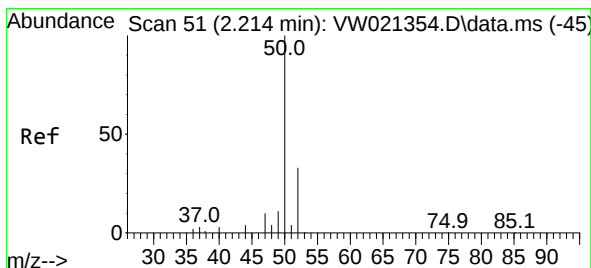
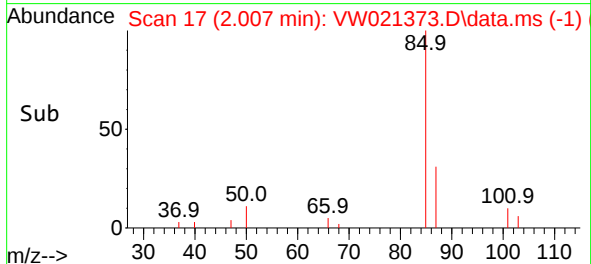
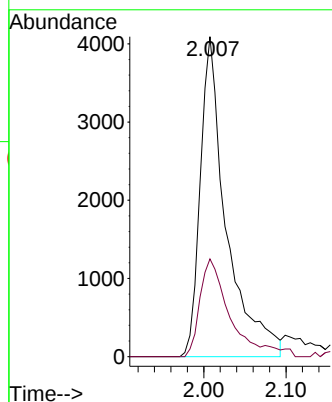
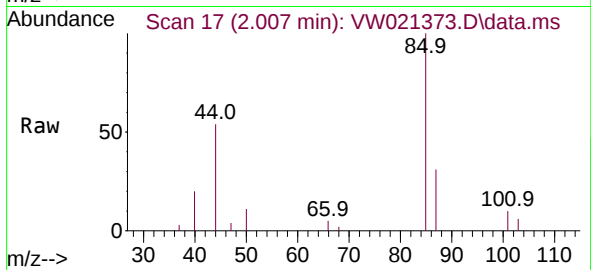




#2
 Dichlorodifluoromethane
 Concen: 27.317 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021373.D
 Acq: 13 Dec 2021 19:06

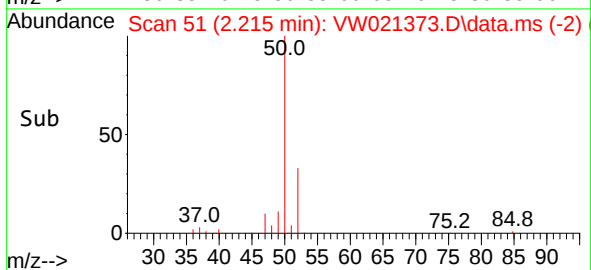
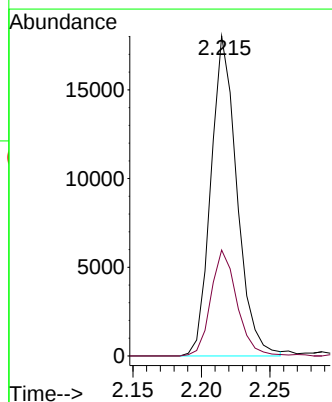
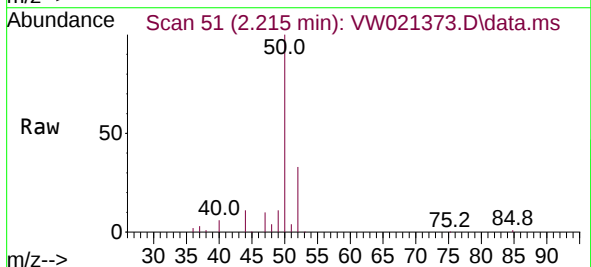
Instrument :
 MSVOA_W
 ClientSampleId :

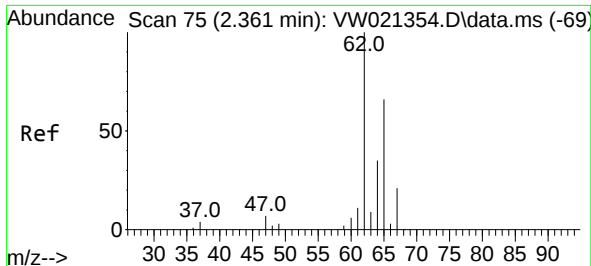
Tgt Ion: 85 Resp: 9000
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 21.870 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021373.D
 Acq: 13 Dec 2021 19:06

Tgt Ion: 50 Resp: 23854
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6

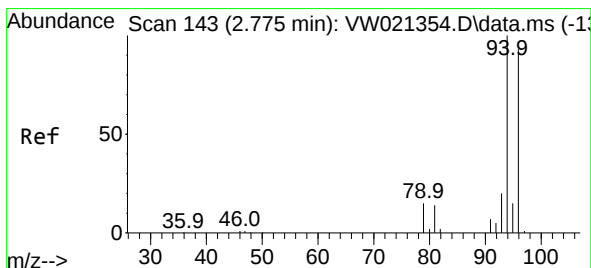
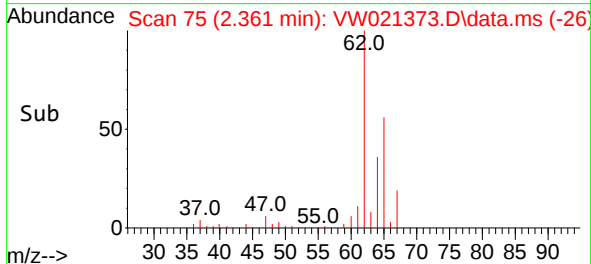
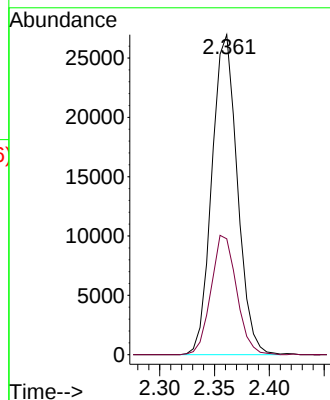
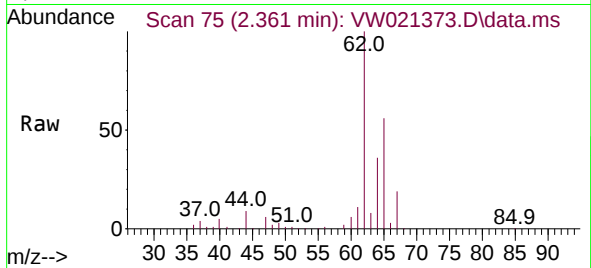




#5
 Vinyl chloride
 Concen: 25.447 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021373.D
 Acq: 13 Dec 2021 19:06

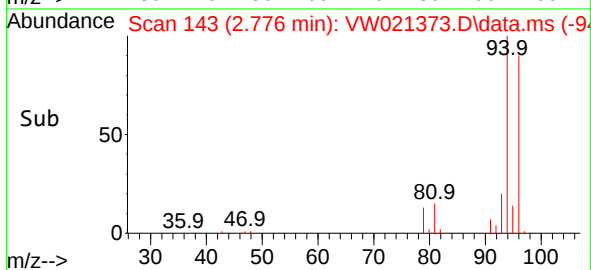
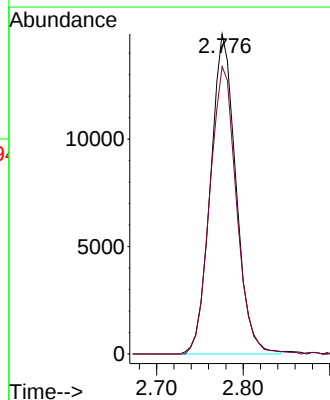
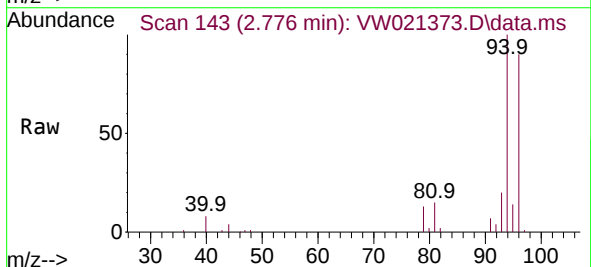
Instrument :
 MSVOA_W
 ClientSampleId :

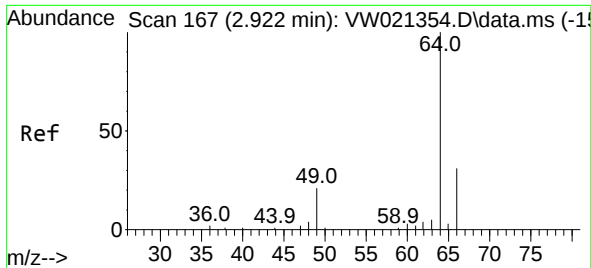
Tgt Ion: 62 Resp: 43572
 Ion Ratio Lower Upper
 62 100
 64 36.2 24.4 45.2



#6
 Bromomethane
 Concen: 27.320 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021373.D
 Acq: 13 Dec 2021 19:06

Tgt Ion: 94 Resp: 30343
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.8 120.4

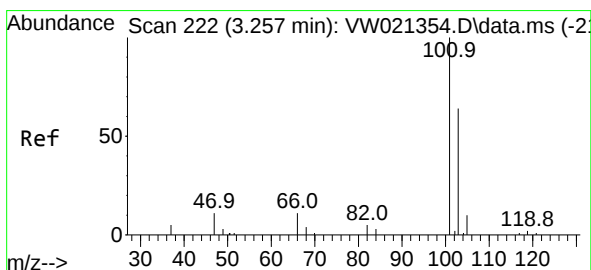
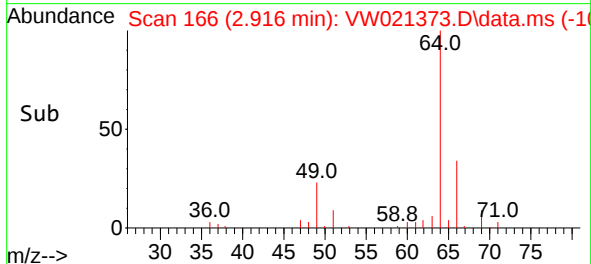
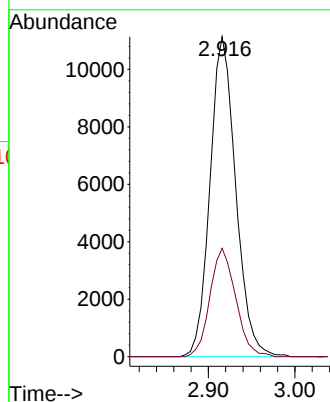
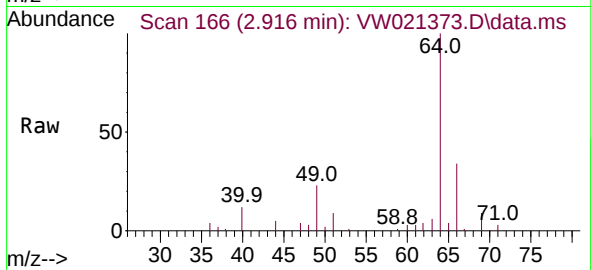




#8
Chloroethane
Concen: 29.154 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

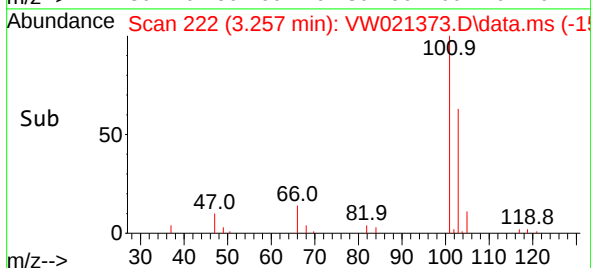
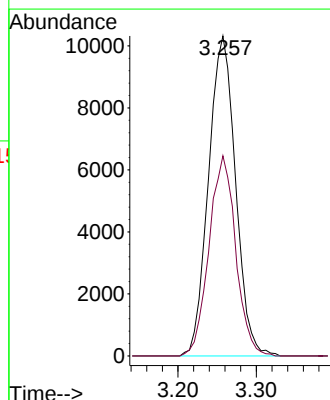
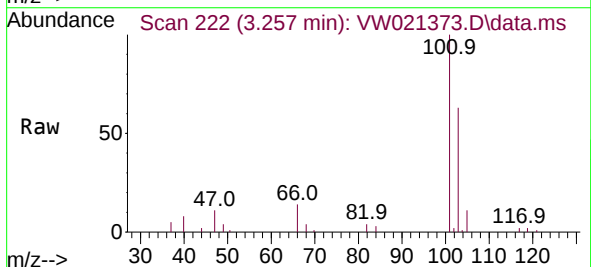
Instrument :
MSVOA_W
ClientSampleId :

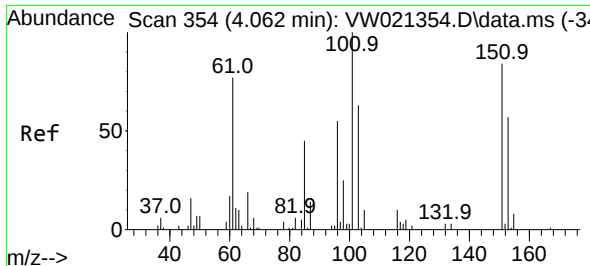
Tgt Ion: 64 Resp: 22998
Ion Ratio Lower Upper
64 100
66 33.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 27.411 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion:101 Resp: 24765
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.2

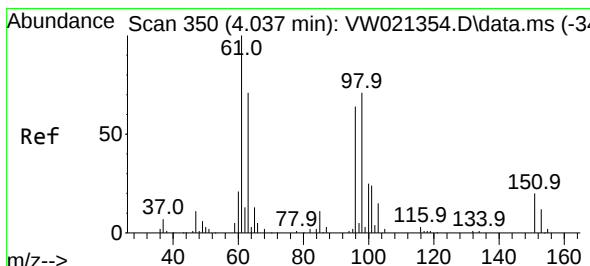
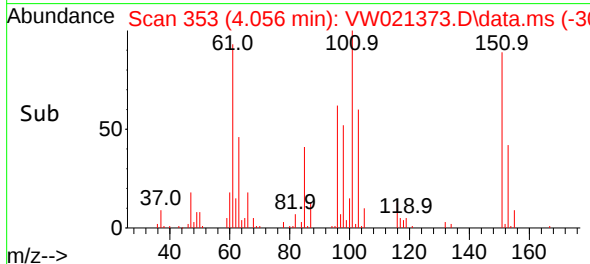
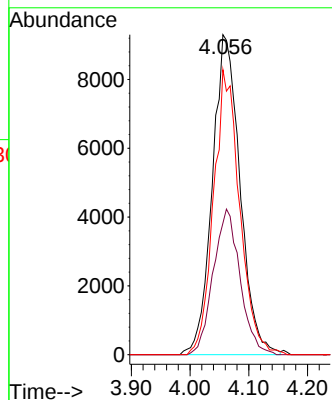
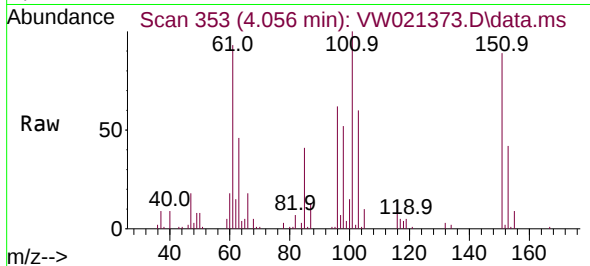




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.832 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021373.D
 Acq: 13 Dec 2021 19:06

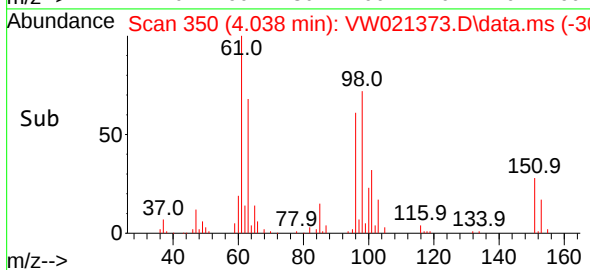
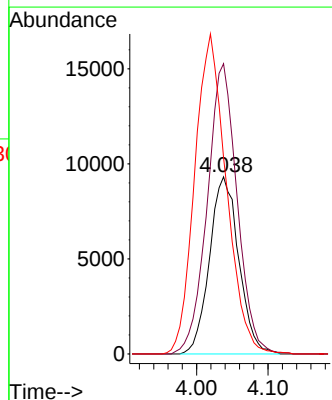
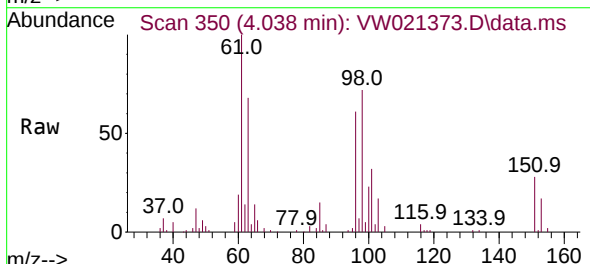
Instrument :
 MSVOA_W
 ClientSampleId :

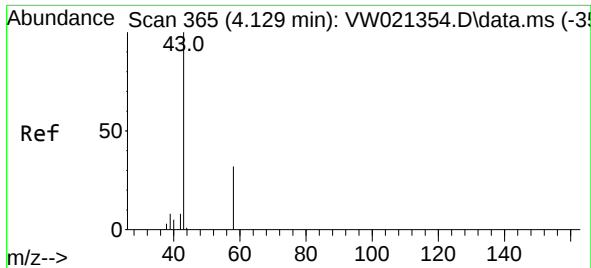
Tgt Ion:101 Resp: 30415
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.6 54.8
 151 83.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 25.056 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021373.D
 Acq: 13 Dec 2021 19:06

Tgt Ion: 96 Resp: 26483
 Ion Ratio Lower Upper
 96 100
 61 163.8 138.3 256.9
 63 110.8 82.6 153.4





#13

Acetone

Concen: 50.677 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

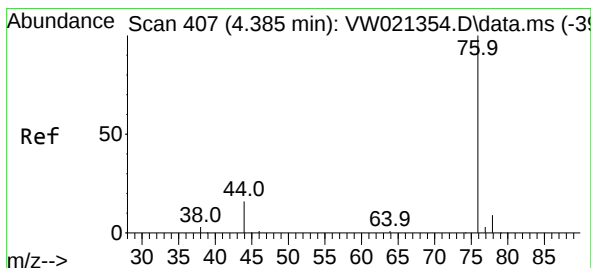
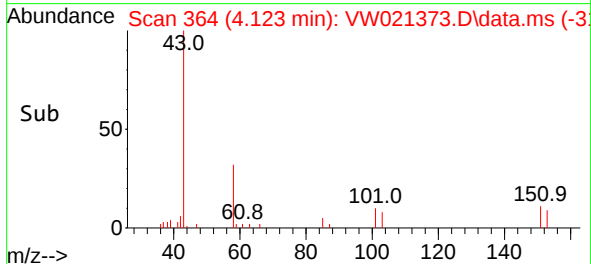
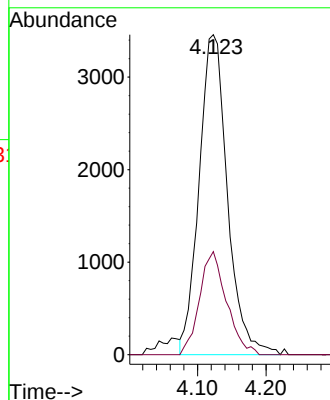
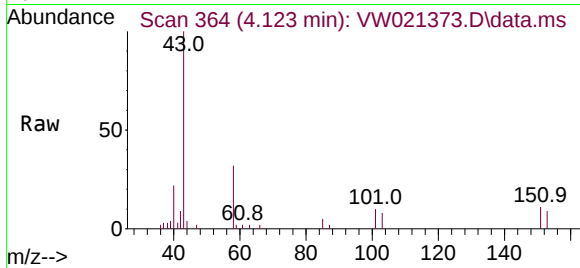
ClientSampleId :

Tgt Ion: 43 Resp: 9945

Ion Ratio Lower Upper

43 100

58 30.7 0.0 52.8



#14

Carbon disulfide

Concen: 27.234 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021373.D

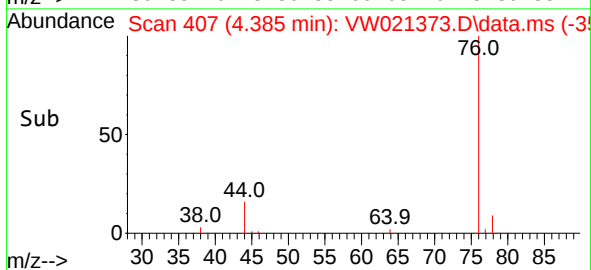
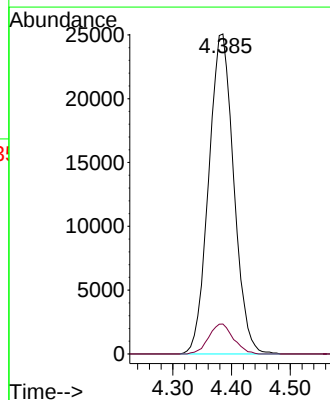
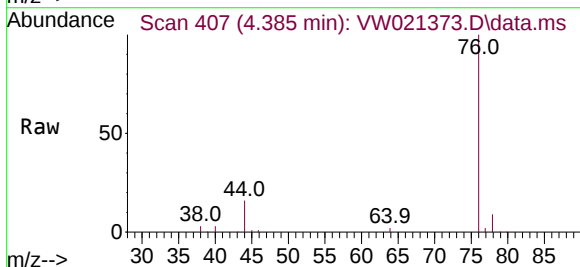
Acq: 13 Dec 2021 19:06

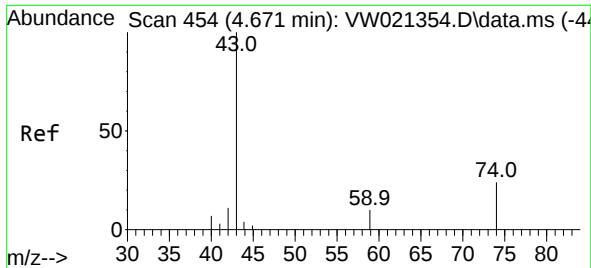
Tgt Ion: 76 Resp: 74335

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

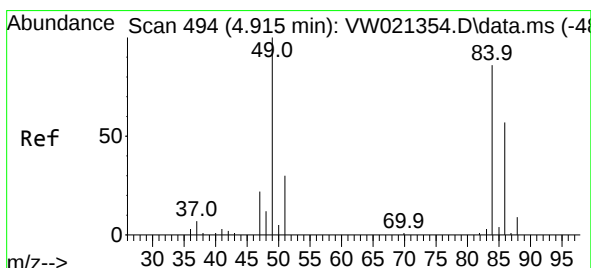
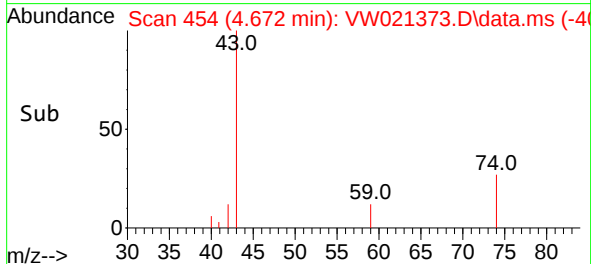
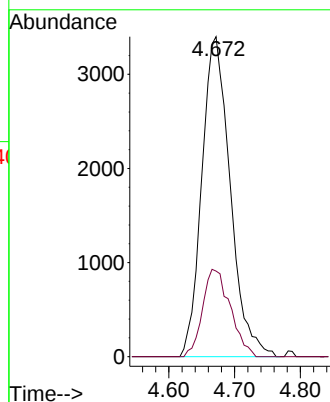
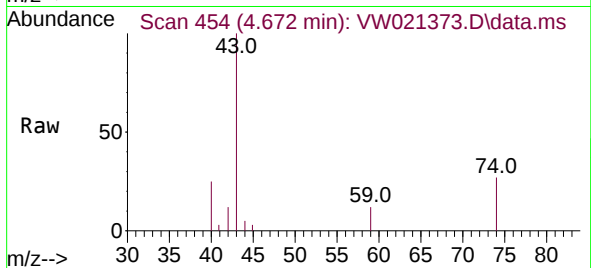




#15
Methyl Acetate
Concen: 30.165 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

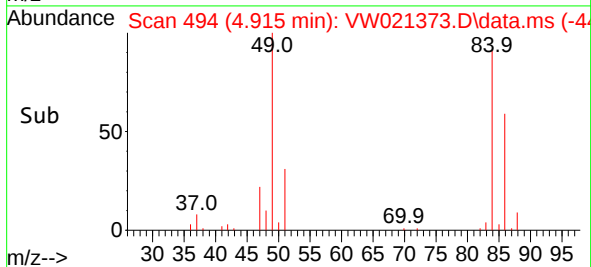
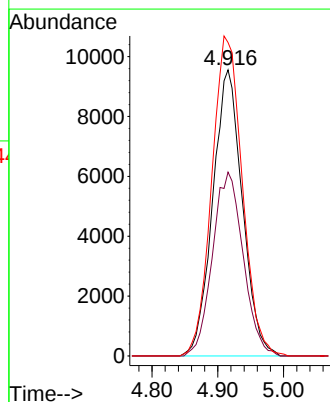
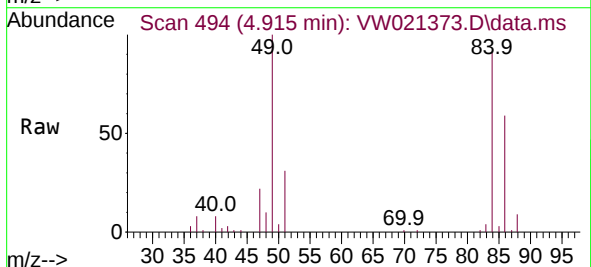
Instrument :
MSVOA_W
ClientSampleId :

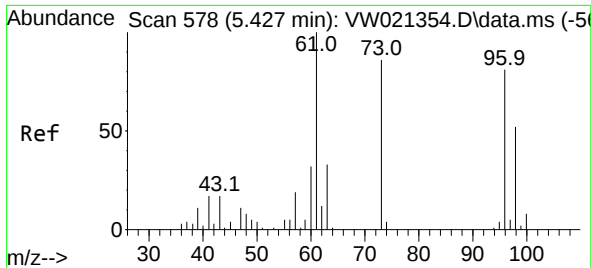
Tgt Ion: 43 Resp: 10214
Ion Ratio Lower Upper
43 100
74 26.6 16.4 24.6#



#16
Methylene chloride
Concen: 21.228 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion: 84 Resp: 29909
Ion Ratio Lower Upper
84 100
86 64.2 45.5 84.5
49 109.5 100.5 186.7

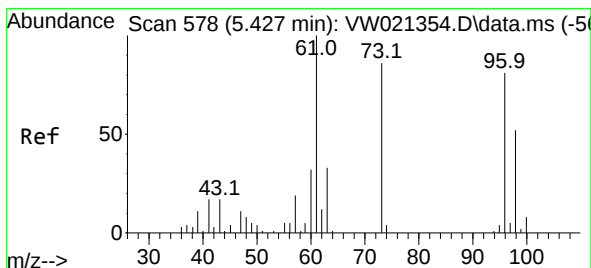
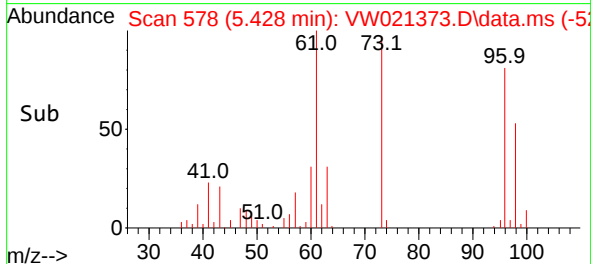
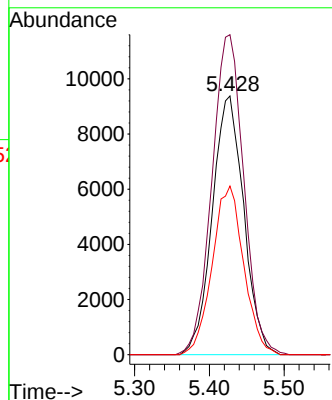
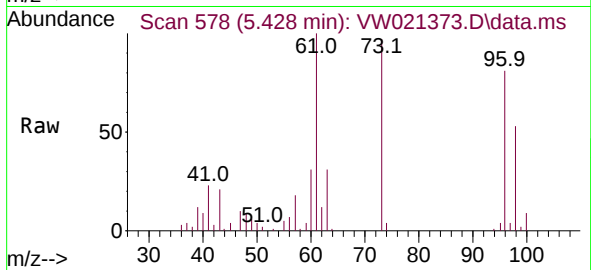




#17
trans-1,2-Dichloroethene
Concen: 24.010 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

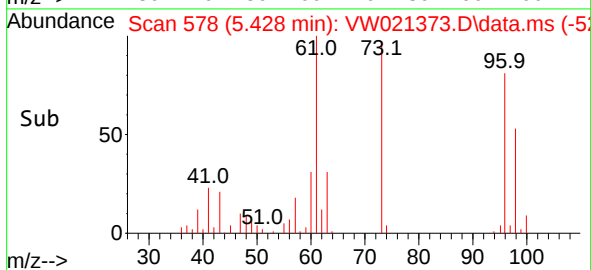
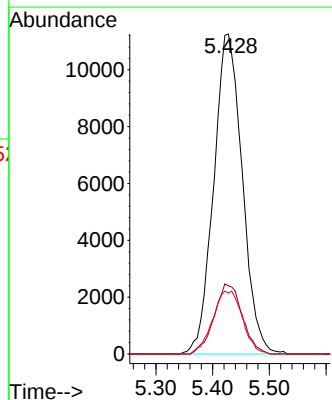
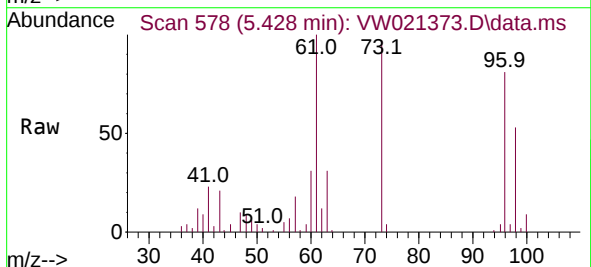
Instrument :
MSVOA_W
ClientSampleId :

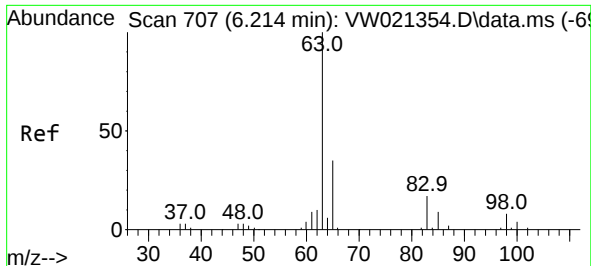
Tgt Ion: 96 Resp: 27477
Ion Ratio Lower Upper
96 100
61 123.7 107.4 199.4
98 65.2 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.939 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion: 73 Resp: 39417
Ion Ratio Lower Upper
73 100
43 21.4 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.433 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

ClientSampleId :

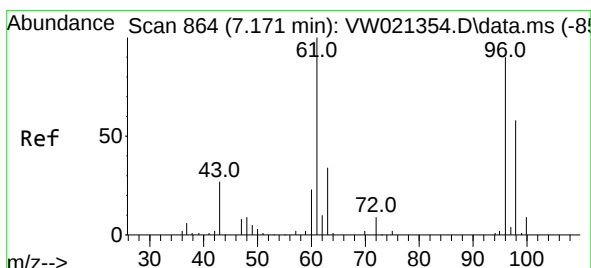
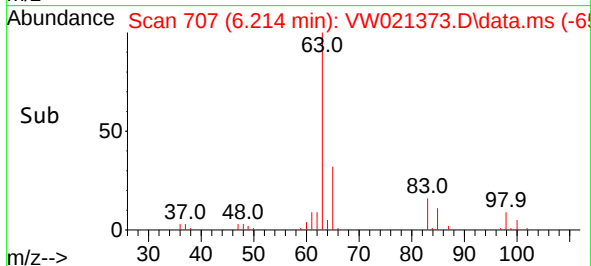
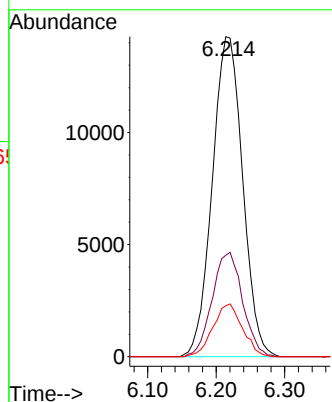
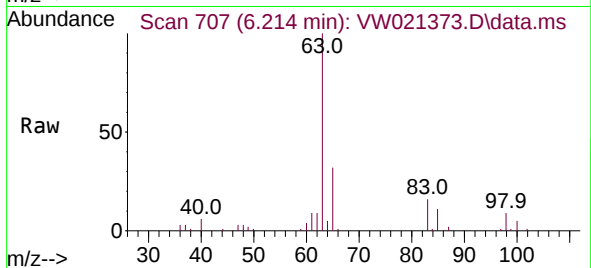
Tgt Ion: 63 Resp: 43877

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 15.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.928 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

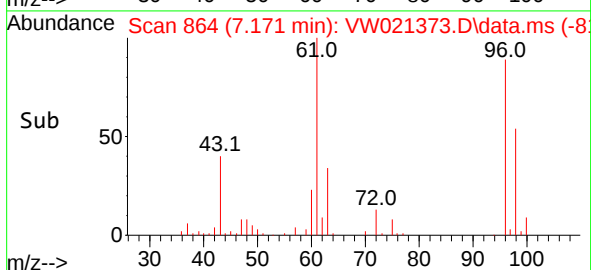
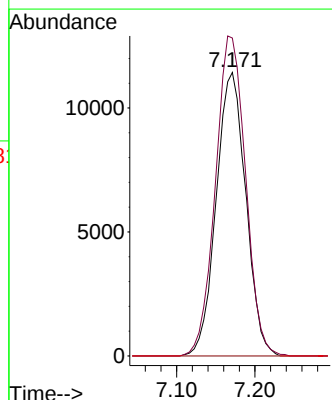
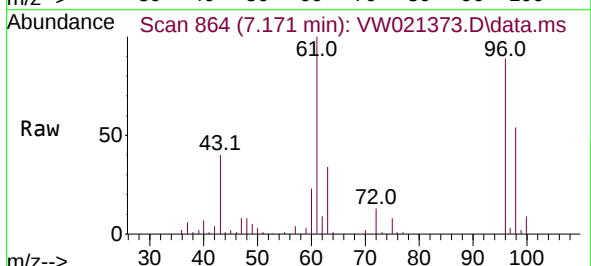
Tgt Ion: 96 Resp: 30090

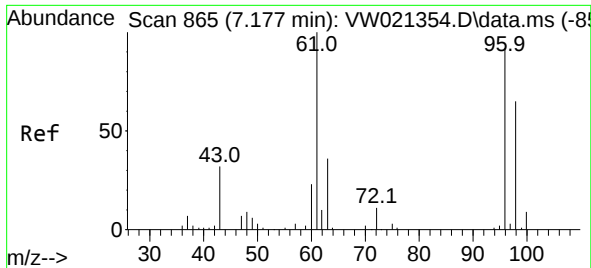
Ion Ratio Lower Upper

96 100

61 112.1 103.7 192.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 54.744 ug/L

RT: 7.171 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

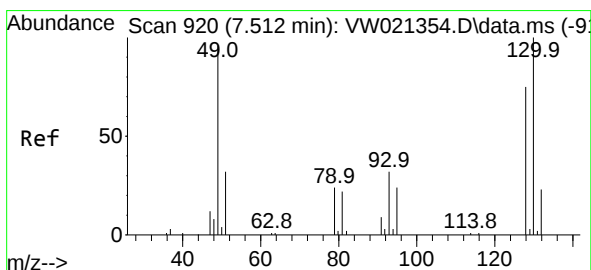
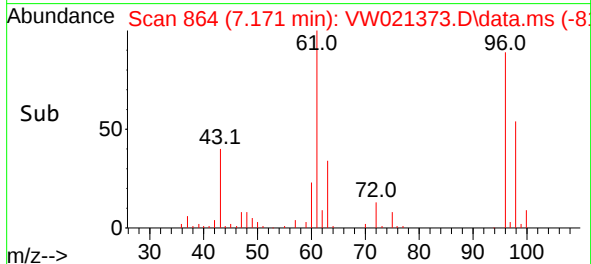
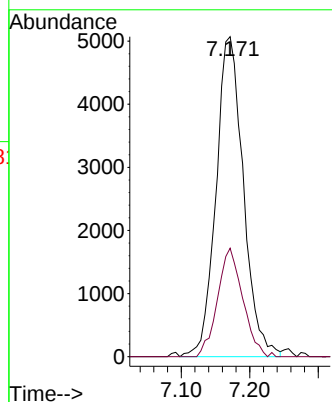
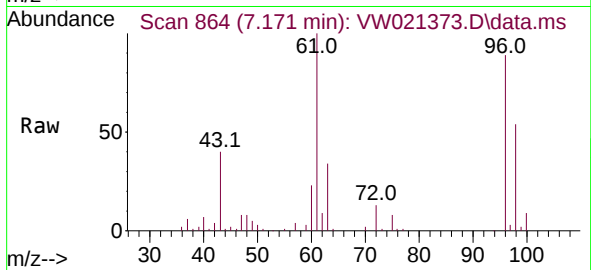
MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 14030

Ion Ratio Lower Upper

43	100		
72	31.1	11.8	35.4



#23

Bromochloromethane

Concen: 25.221 ug/L

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

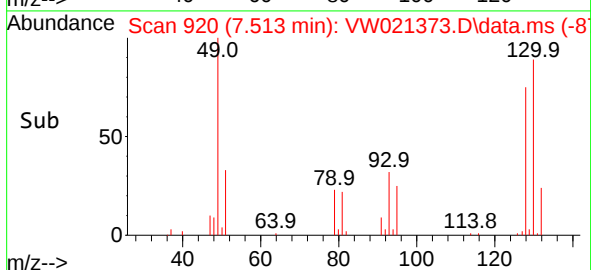
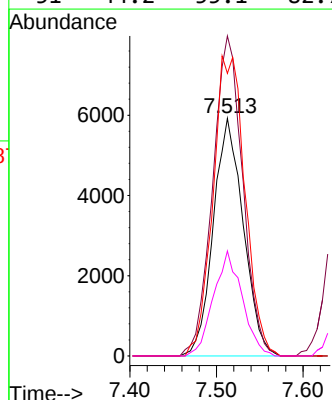
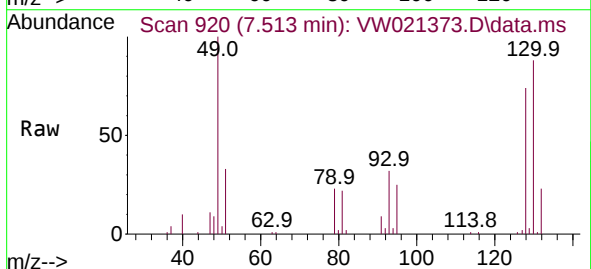
Lab File: VW021373.D

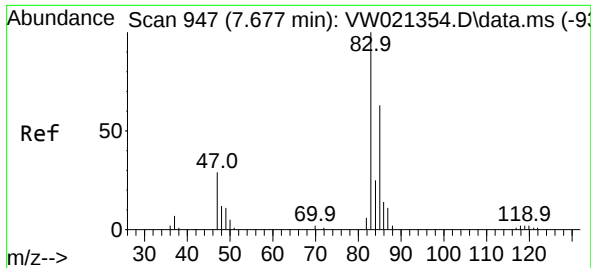
Acq: 13 Dec 2021 19:06

Tgt Ion: 128 Resp: 14235

Ion Ratio Lower Upper

128	100		
49	134.7	150.3	279.1#
130	118.9	88.3	163.9
51	44.2	55.1	82.7#

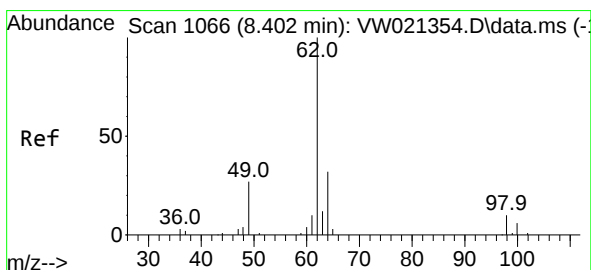
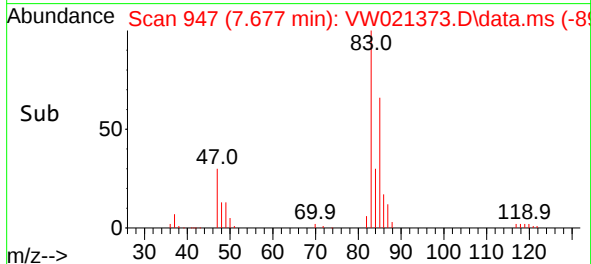
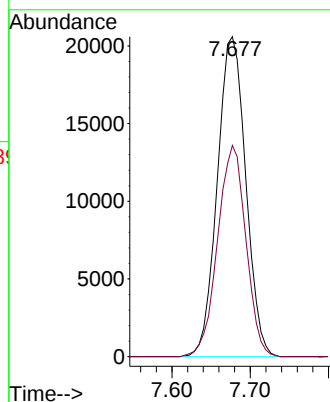
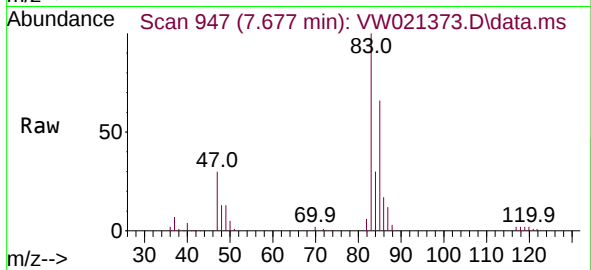




#25
Chloroform
Concen: 24.924 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

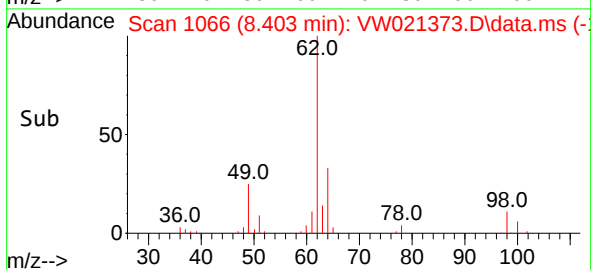
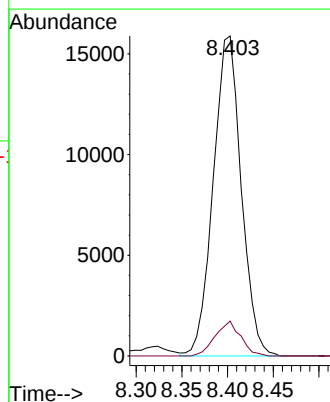
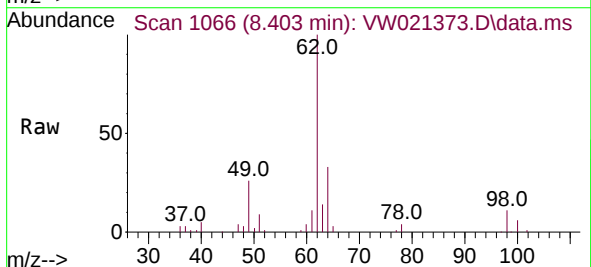
Instrument :
MSVOA_W
ClientSampleId :

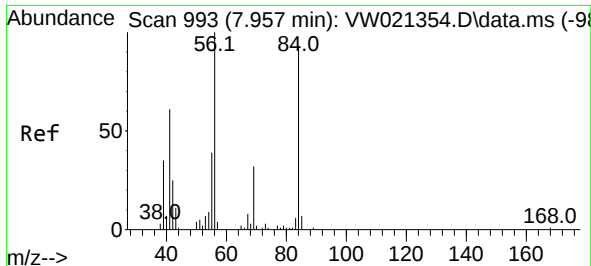
Tgt Ion: 83 Resp: 51958
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.615 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion: 62 Resp: 33816
Ion Ratio Lower Upper
62 100
98 11.3 6.5 9.7#





#29

Cyclohexane

Concen: 22.168 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

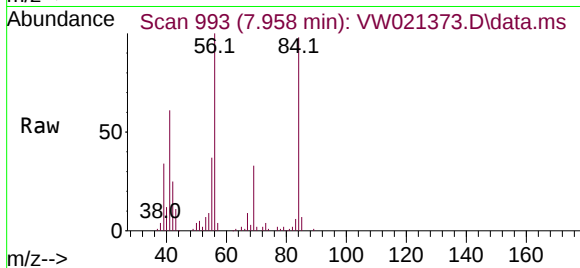
Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

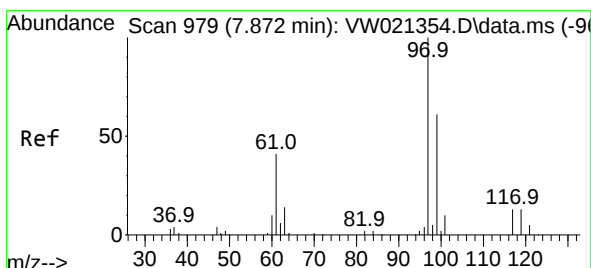
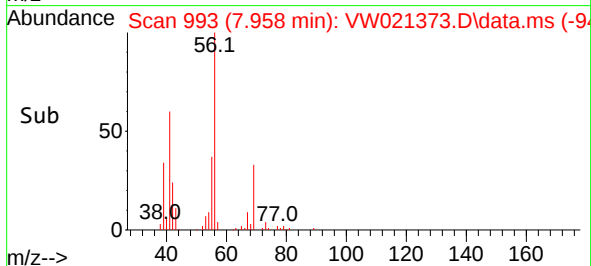
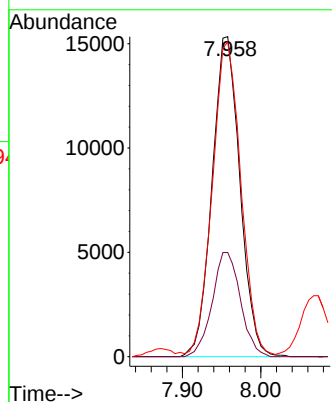
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 56	Resp: 37846
Ion Ratio	Lower Upper
56	100
69	33.0 23.5 35.3
84	101.2 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 24.257 ug/L

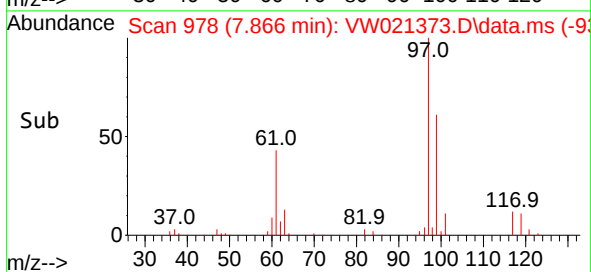
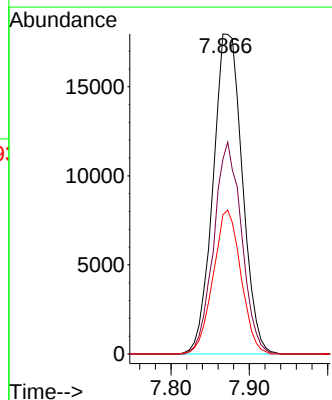
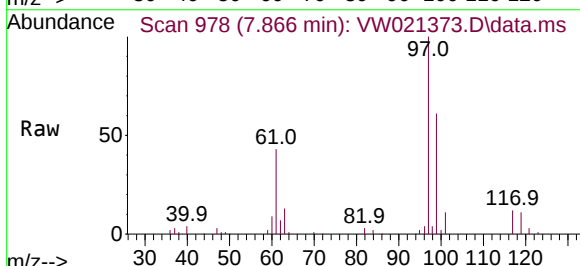
RT: 7.866 min Scan# 978

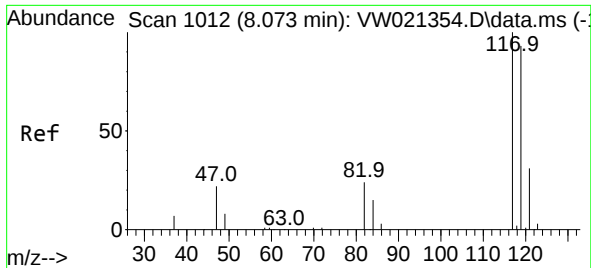
Delta R.T. -0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Tgt Ion: 97	Resp: 46684
Ion Ratio	Lower Upper
97	100
99	62.9 51.6 77.4
61	42.7 40.9 61.3

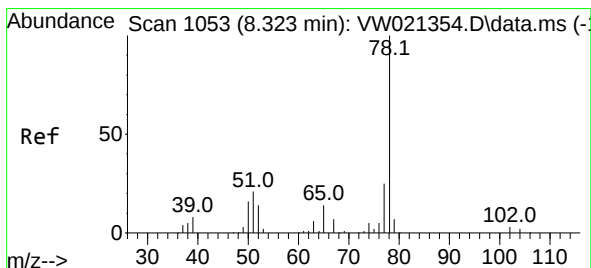
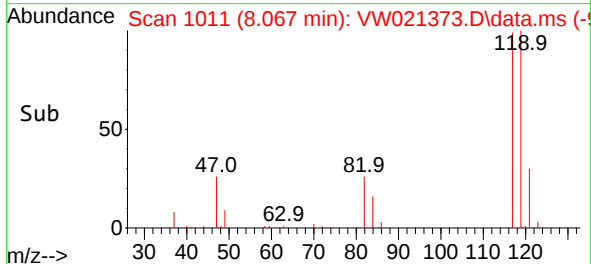
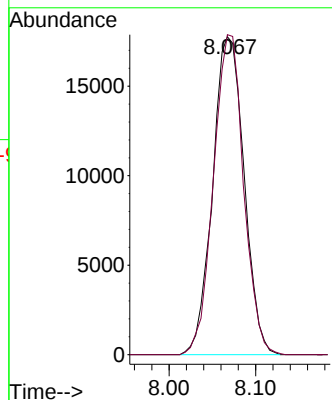
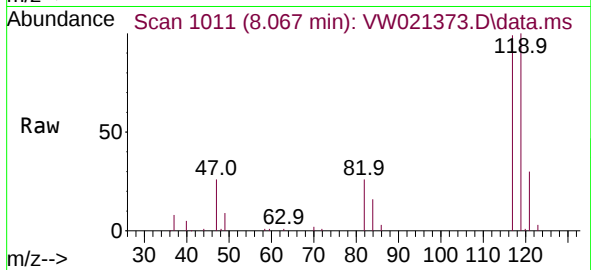




#31
Carbon tetrachloride
Concen: 25.211 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

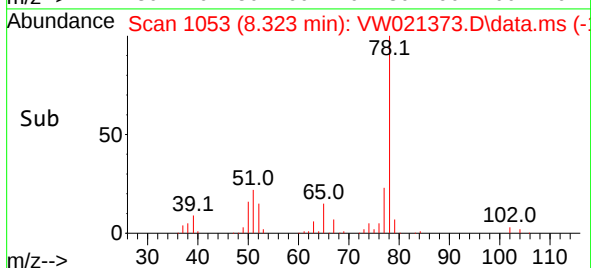
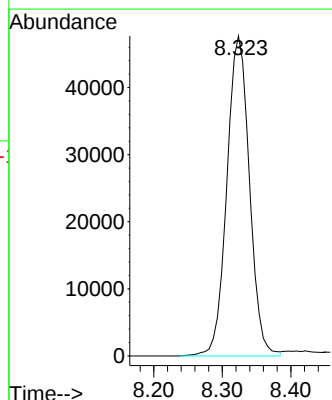
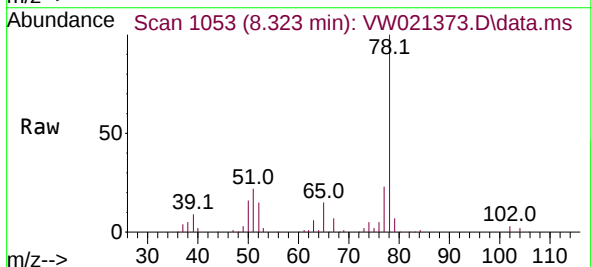
Instrument :
MSVOA_W
ClientSampleId :

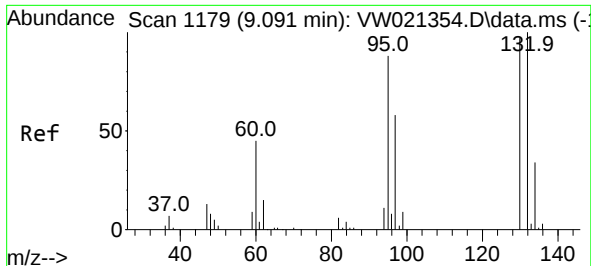
Tgt Ion:117 Resp: 44759
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5



#33
Benzene
Concen: 23.332 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

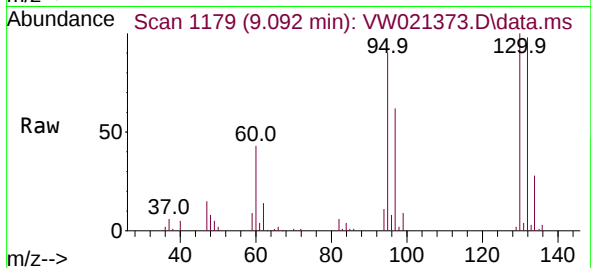
Tgt Ion: 78 Resp: 109018



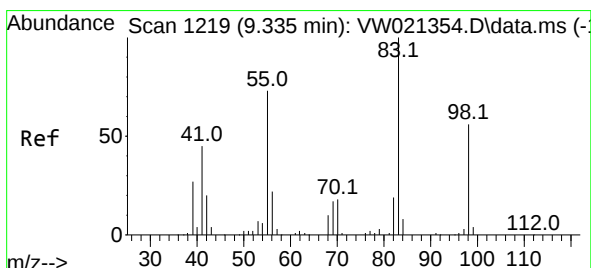
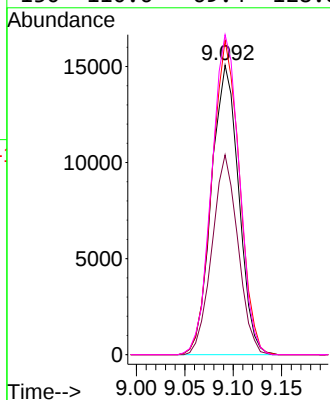
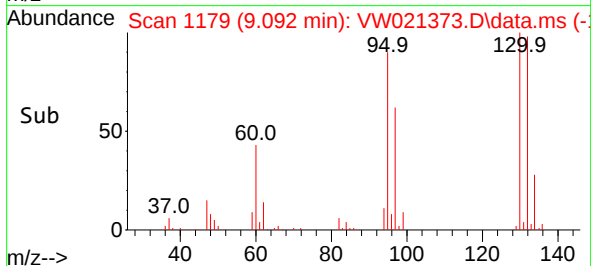


#34
Trichloroethene
Concen: 22.565 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

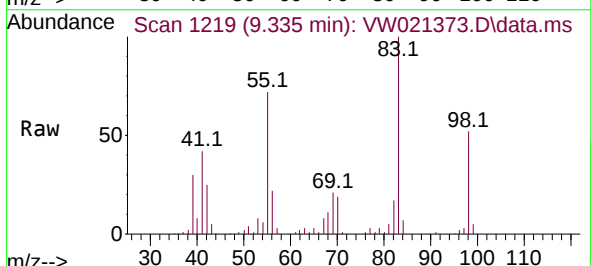
Instrument :
MSVOA_W
ClientSampleId :



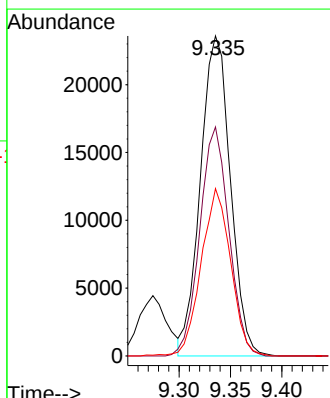
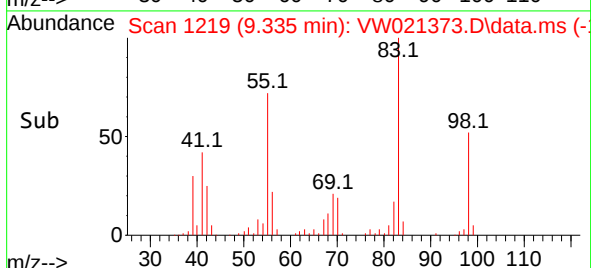
Tgt Ion: 95 Resp: 29597
Ion Ratio Lower Upper
95 100
97 69.0 47.0 87.2
132 108.6 65.5 121.6
130 110.6 69.4 128.8

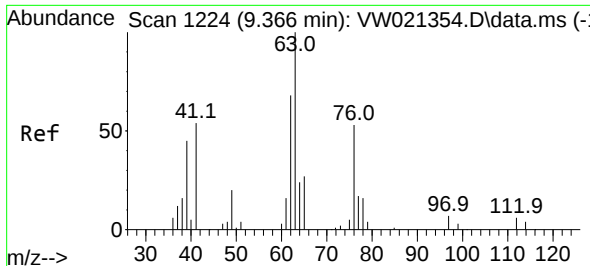


#35
Methylcyclohexane
Concen: 22.126 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06



Tgt Ion: 83 Resp: 47874
Ion Ratio Lower Upper
83 100
55 69.3 70.8 106.2#
98 51.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.743 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

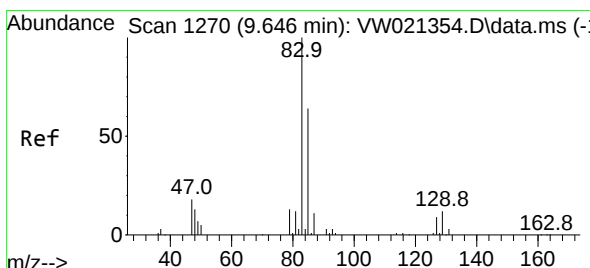
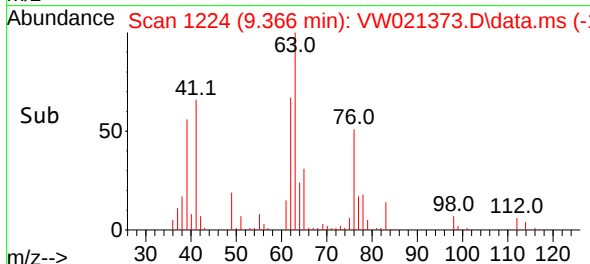
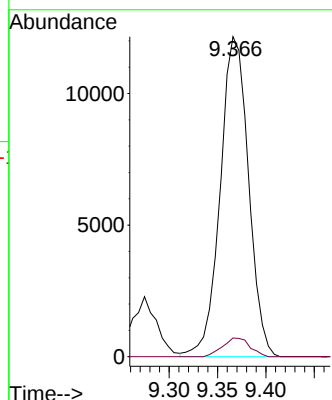
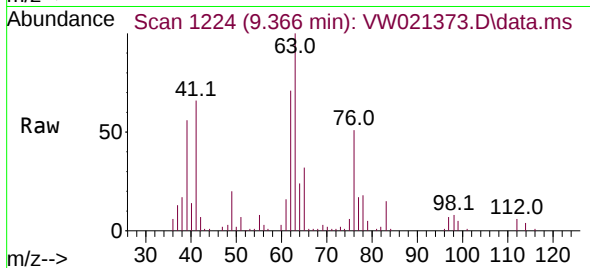
ClientSampleId :

Tgt Ion: 63 Resp: 24746

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.963 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

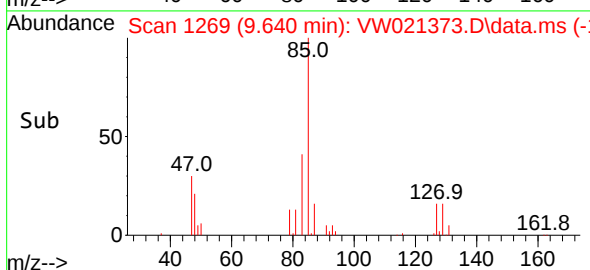
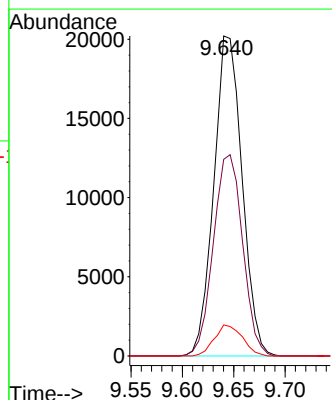
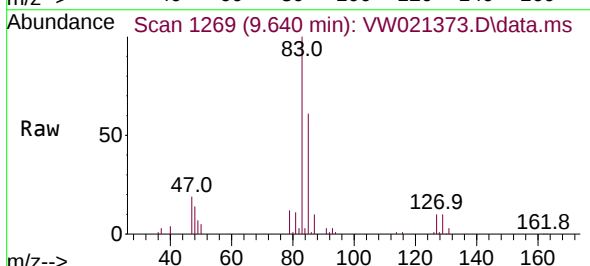
Tgt Ion: 83 Resp: 38638

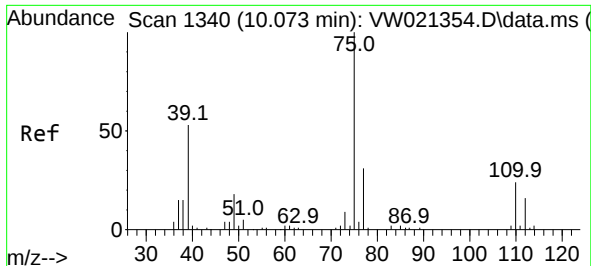
Ion Ratio Lower Upper

83 100

85 61.4 44.1 81.9

127 9.7 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.563 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

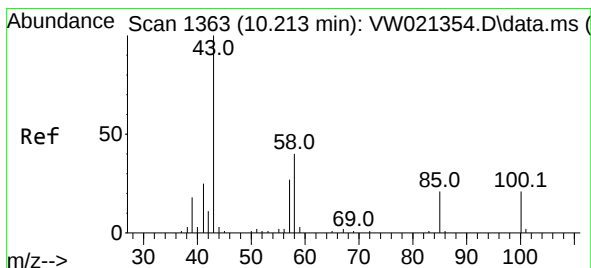
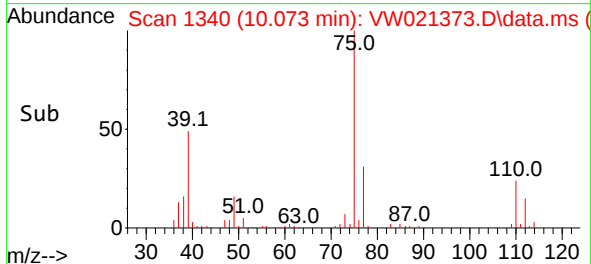
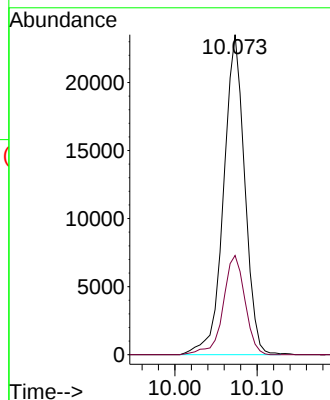
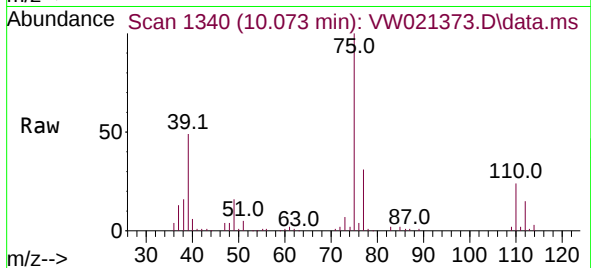
ClientSampleId :

Tgt Ion: 75 Resp: 41999

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.545 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

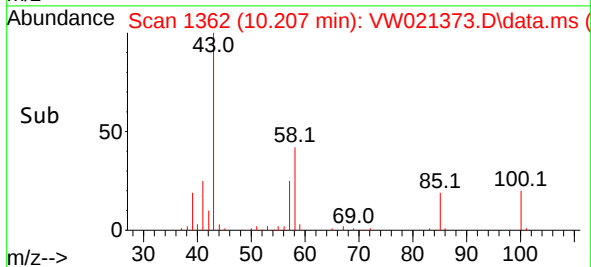
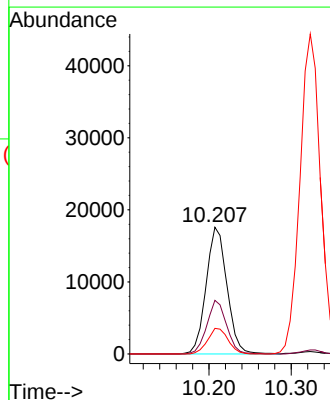
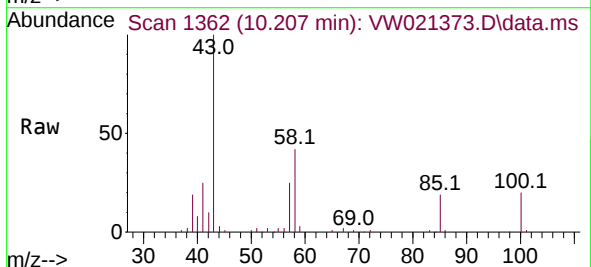
Tgt Ion: 43 Resp: 30976

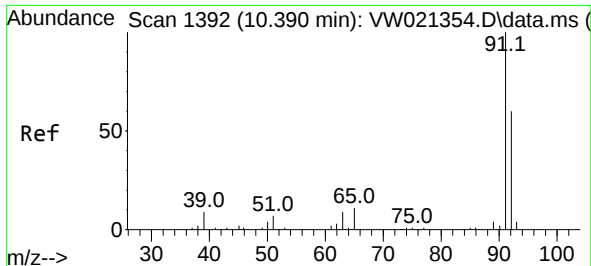
Ion Ratio Lower Upper

43 100

58 39.9 28.8 43.2

100 19.8 10.0 15.0#





#42

Toluene

Concen: 22.951 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

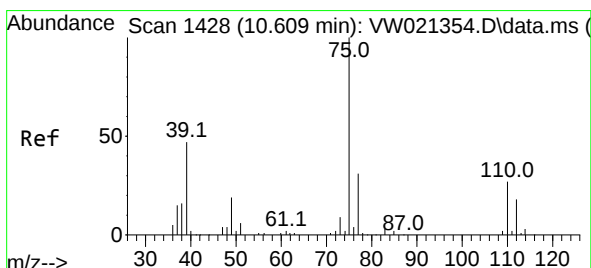
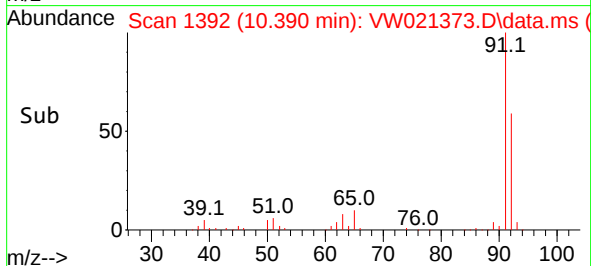
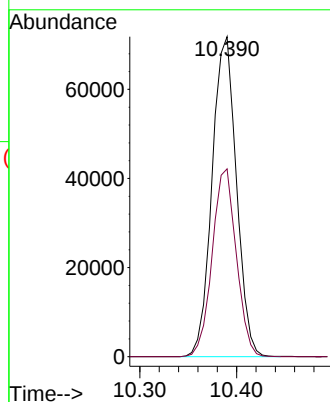
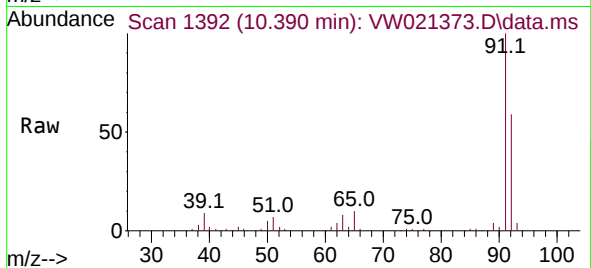
ClientSampleId :

Tgt Ion: 91 Resp: 125423

Ion Ratio Lower Upper

91 100

92 58.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 26.006 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW021373.D

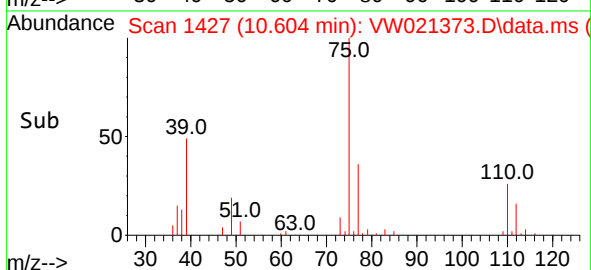
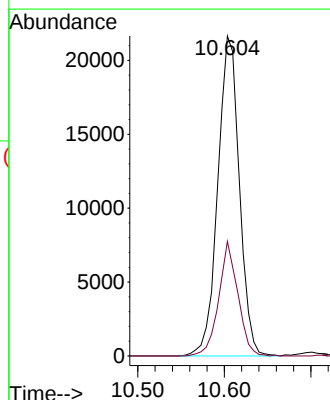
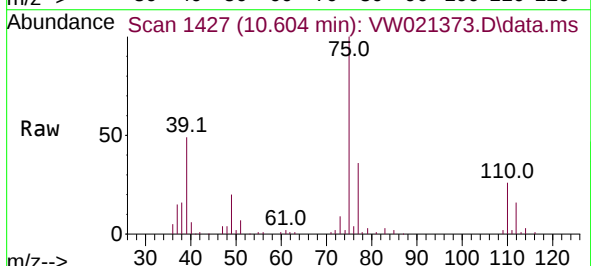
Acq: 13 Dec 2021 19:06

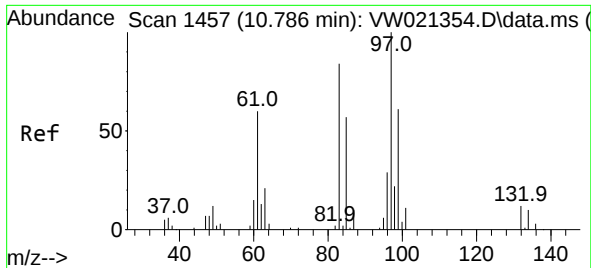
Tgt Ion: 75 Resp: 37424

Ion Ratio Lower Upper

75 100

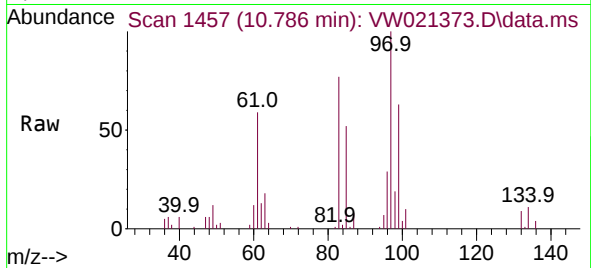
77 35.8 22.2 41.2



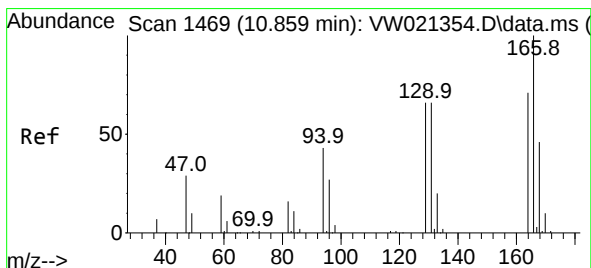
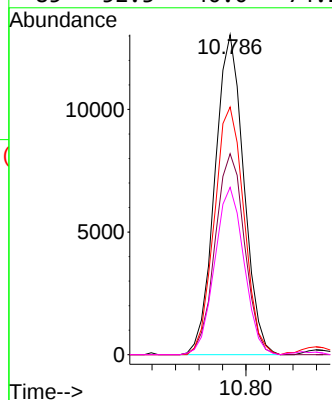
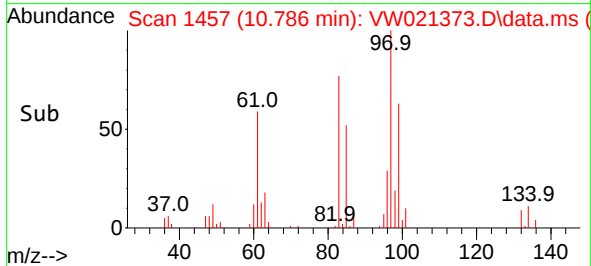


#45
1,1,2-Trichloroethane
Concen: 26.164 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

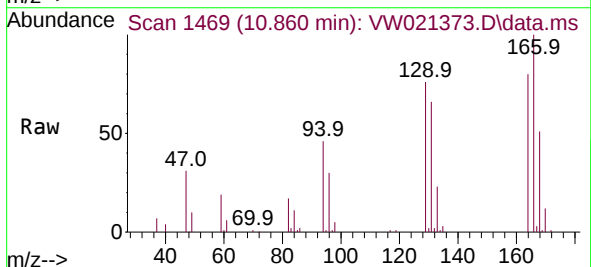
Instrument :
MSVOA_W
ClientSampleId :



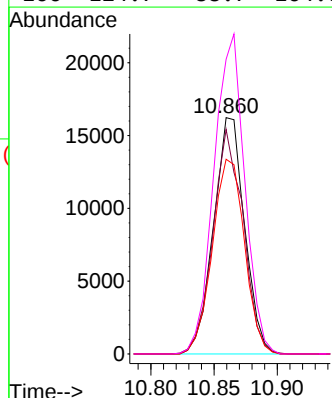
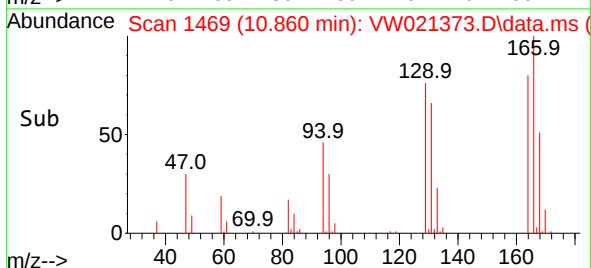
Tgt Ion:	97	Resp:	22319
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.0	79.8
83	77.4	62.6	116.3
85	52.3	40.0	74.2

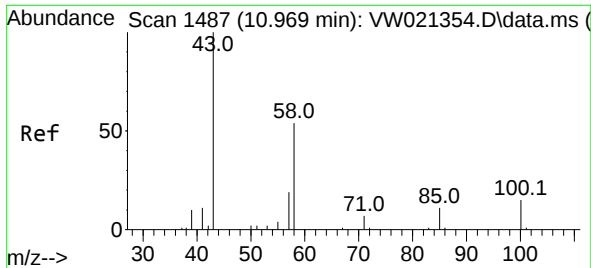


#46
Tetrachloroethene
Concen: 22.163 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06



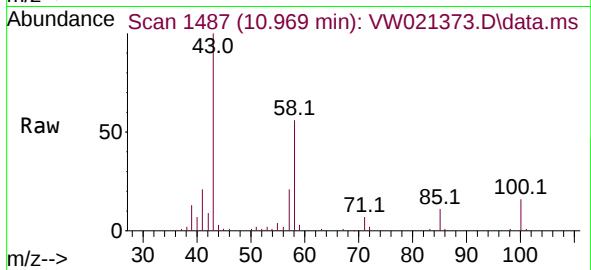
Tgt Ion:	164	Resp:	27615
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.5	121.7
131	82.4	59.7	110.9
166	124.7	88.7	164.7



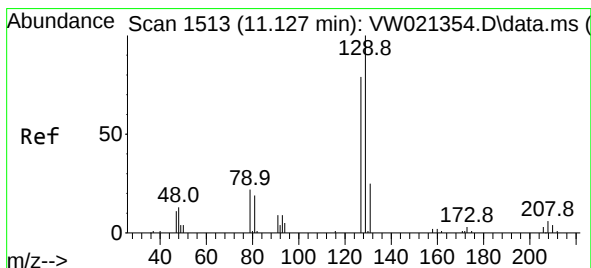
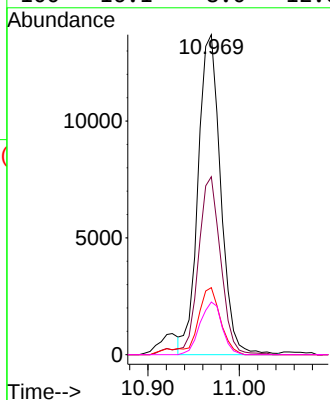
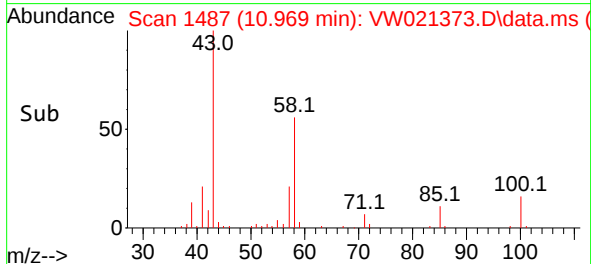


#48
2-Hexanone
Concen: 57.050 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Instrument :
MSVOA_W
ClientSampleId :

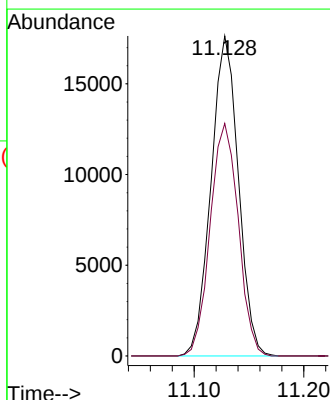
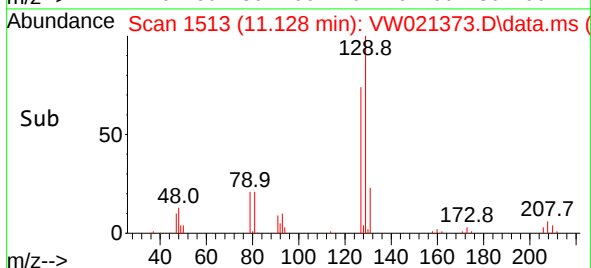
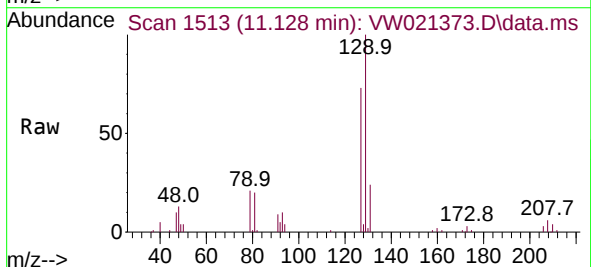


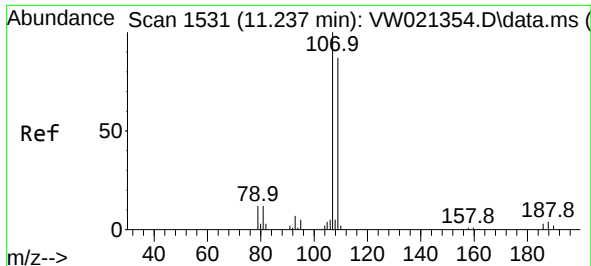
Tgt Ion: 43 Resp: 23495
Ion Ratio Lower Upper
43 100
58 53.8 40.2 60.2
57 20.0 14.3 21.5
100 16.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 29.073 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion: 129 Resp: 30574
Ion Ratio Lower Upper
129 100
127 72.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.733 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021373.D

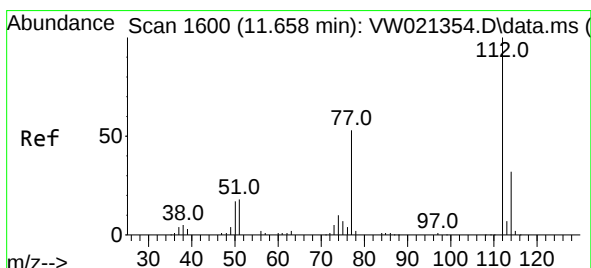
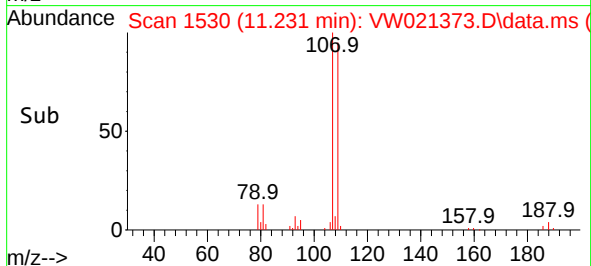
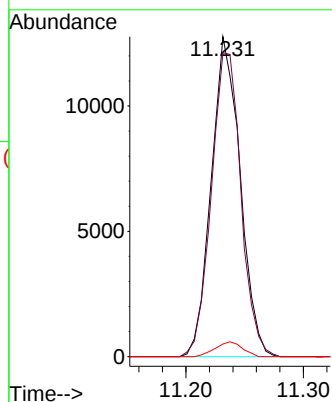
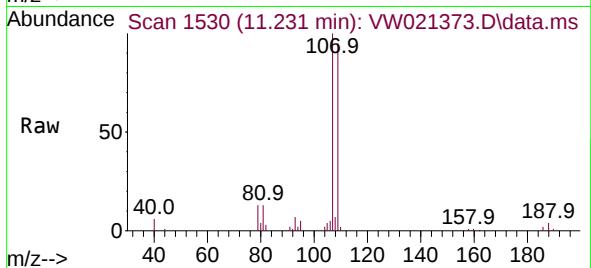
Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	21846
Ion	Ratio	Lower	Upper
107	100		
109	95.0	64.1	119.1
188	4.0	2.6	3.8#



#51

Chlorobenzene

Concen: 23.215 ug/L

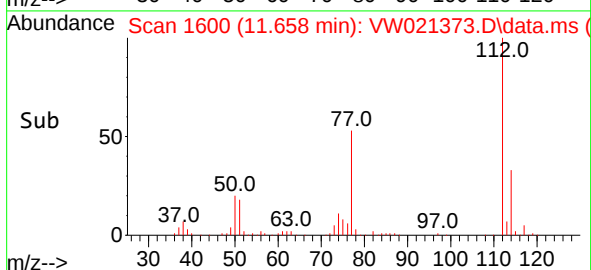
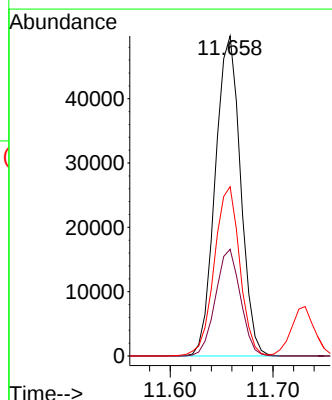
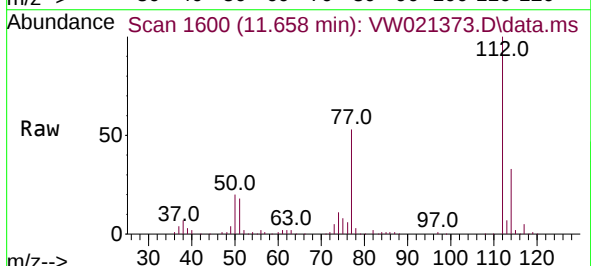
RT: 11.658 min Scan# 1600

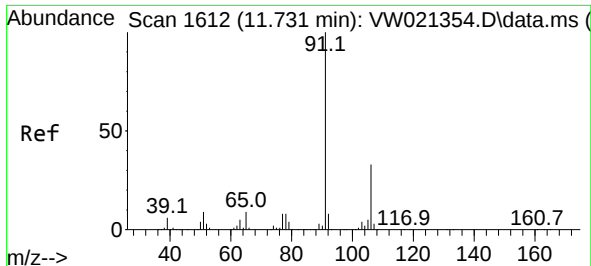
Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Tgt Ion:	112	Resp:	84938
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.4	41.6
77	52.9	50.2	75.4





#52

Ethylbenzene

Concen: 22.062 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

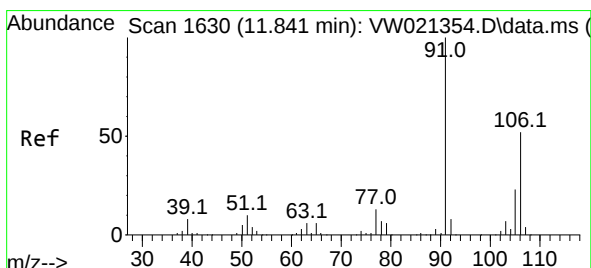
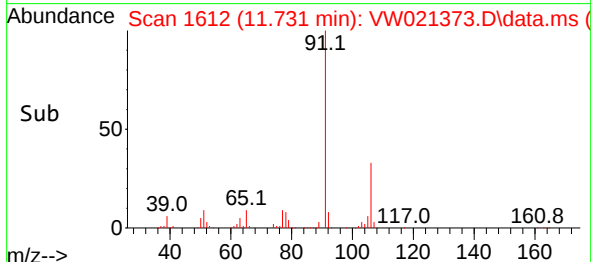
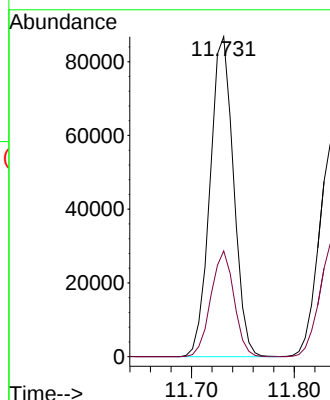
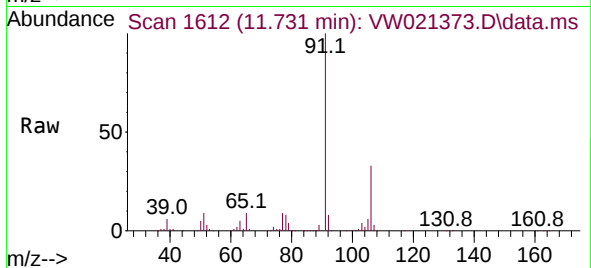
ClientSampleId :

Tgt Ion: 91 Resp: 137772

Ion Ratio Lower Upper

91 100

106 33.1 21.5 39.9



#53

m,p-Xylene

Concen: 22.468 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021373.D

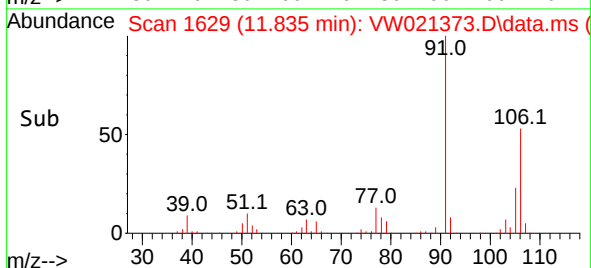
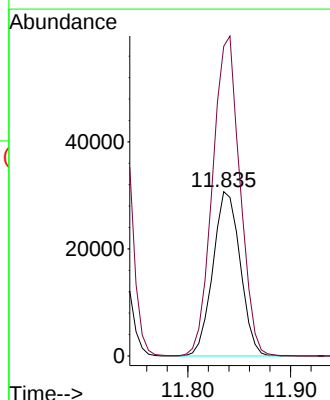
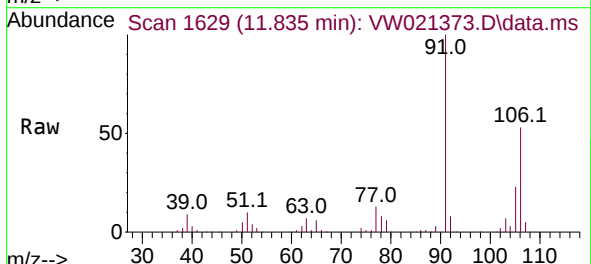
Acq: 13 Dec 2021 19:06

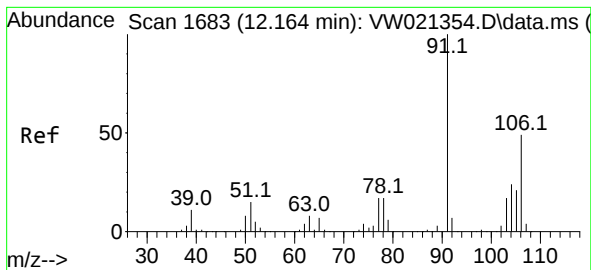
Tgt Ion:106 Resp: 56602

Ion Ratio Lower Upper

106 100

91 188.3 149.9 278.3

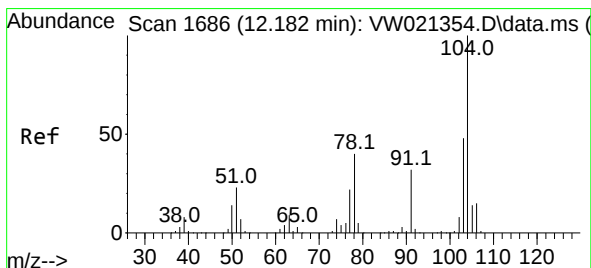
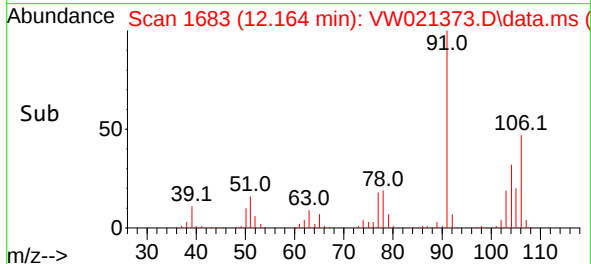
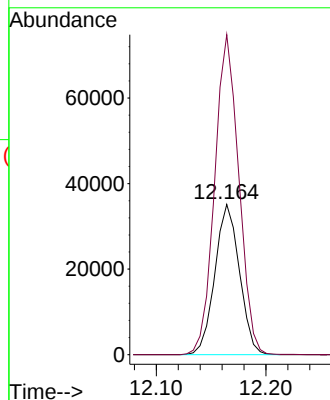
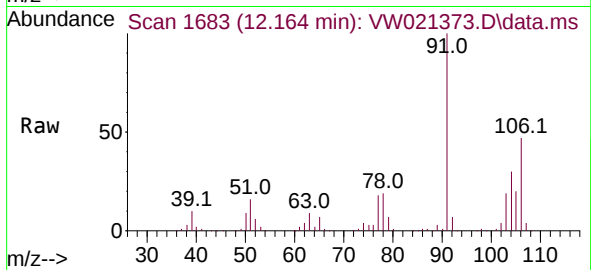




#54
o-Xylene
Concen: 22.902 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

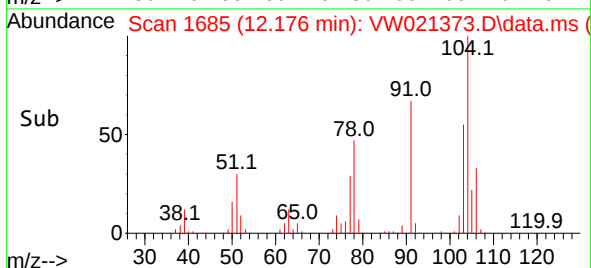
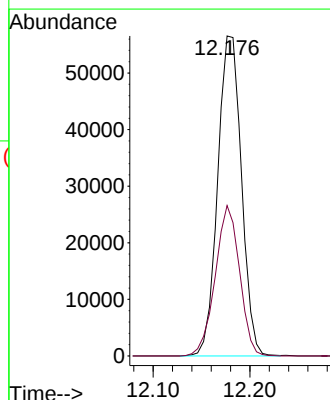
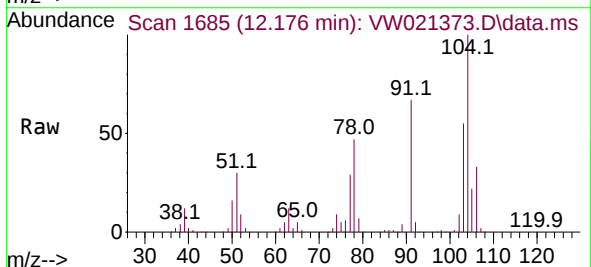
Instrument :
MSVOA_W
ClientSampleId :

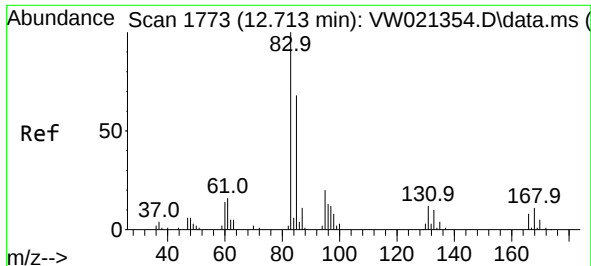
Tgt Ion:106 Resp: 54755
Ion Ratio Lower Upper
106 100
91 212.9 153.6 285.3



#55
Styrene
Concen: 23.687 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion:104 Resp: 96382
Ion Ratio Lower Upper
104 100
78 47.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.026 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021373.D

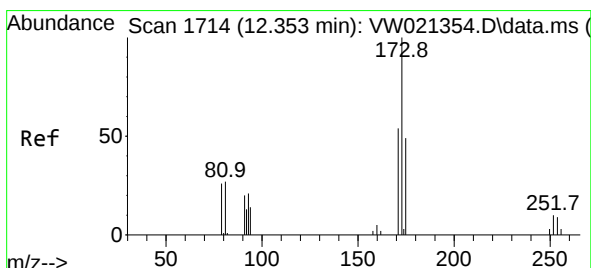
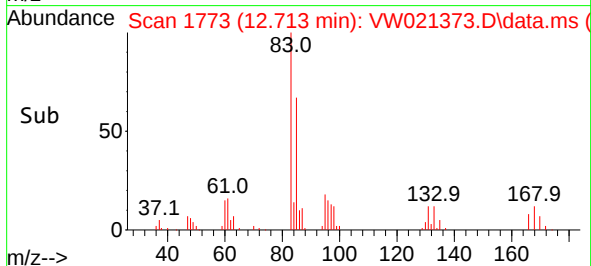
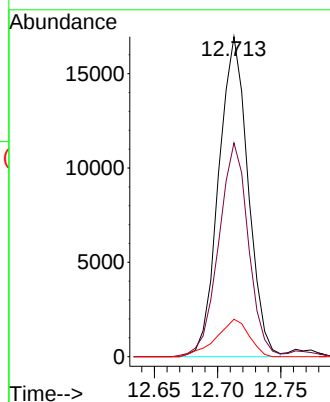
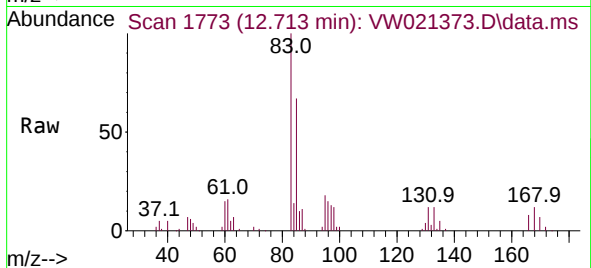
Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	27406
Ion Ratio	Lower	Upper	
83	100		
85	66.8	44.0	81.6
131	11.7	6.9	10.3#



#59

Bromoform

Concen: 32.872 ug/L

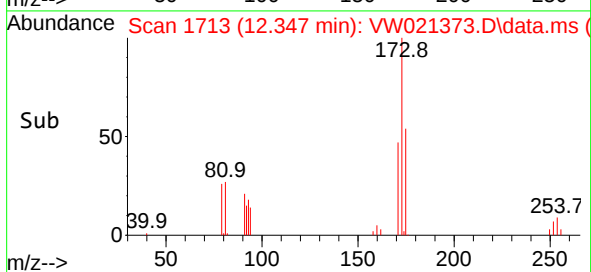
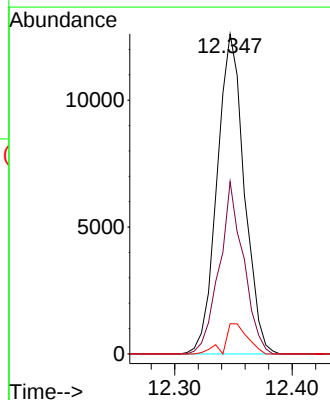
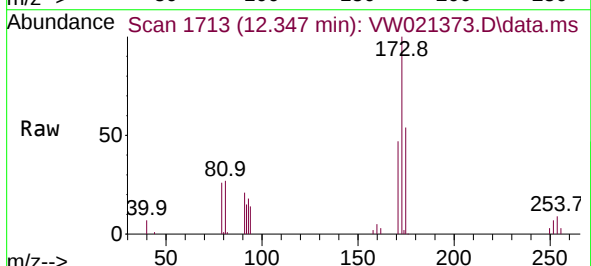
RT: 12.347 min Scan# 1713

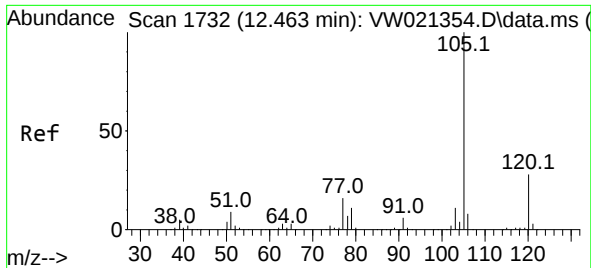
Delta R.T. -0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Tgt Ion:	173	Resp:	20301
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.6	59.4
254	6.9	7.4	11.0#

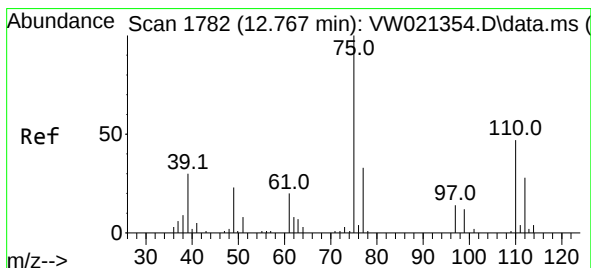
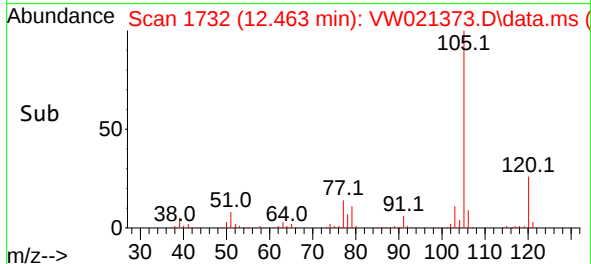
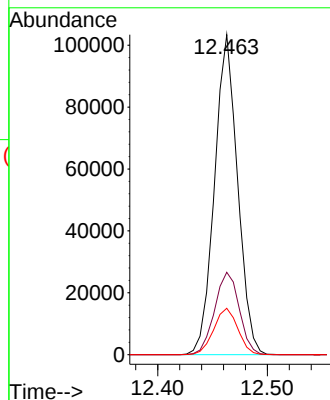
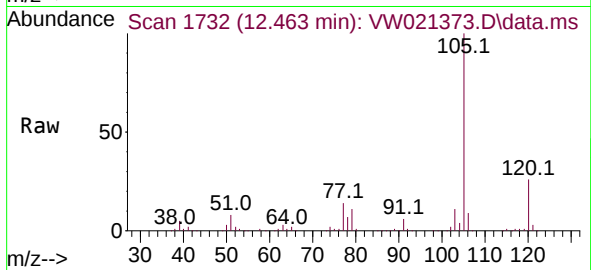




#60
Isopropylbenzene
Concen: 21.432 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

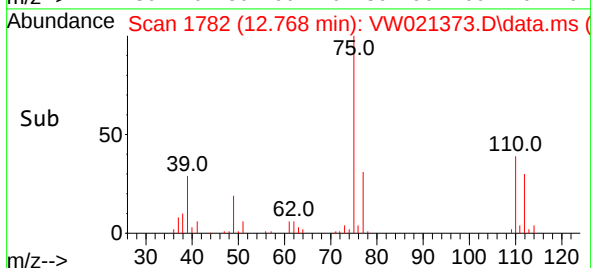
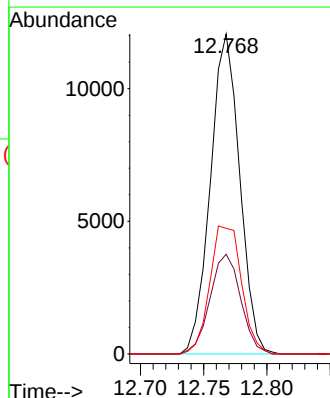
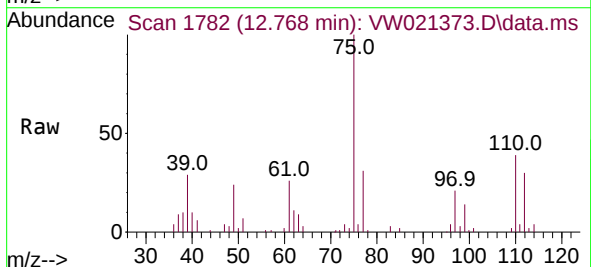
Instrument :
MSVOA_W
ClientSampleId :

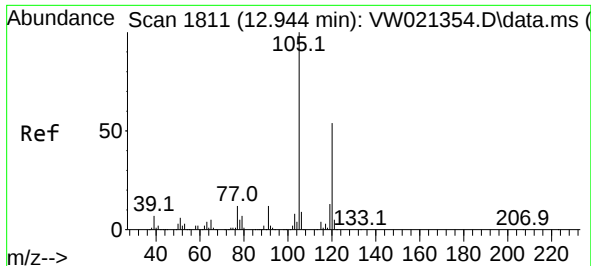
Tgt Ion:105 Resp: 151153
Ion Ratio Lower Upper
105 100
120 27.5 20.1 30.1
77 15.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.727 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion: 75 Resp: 19434
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 43.4 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 21.231 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

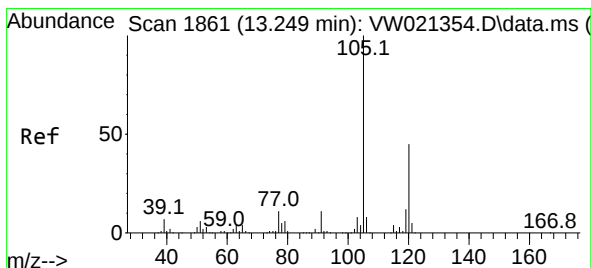
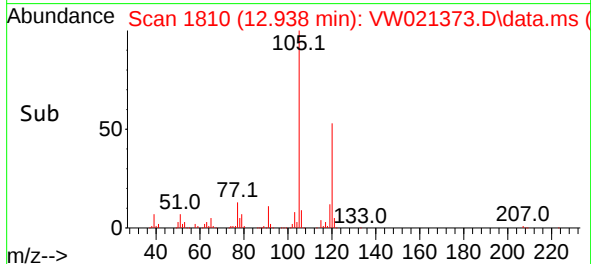
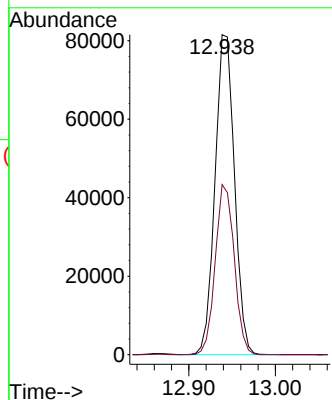
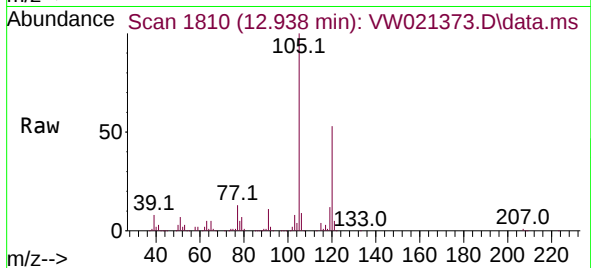
ClientSampleId :

Tgt Ion:105 Resp: 127417

Ion Ratio Lower Upper

105 100

120 51.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 21.830 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021373.D

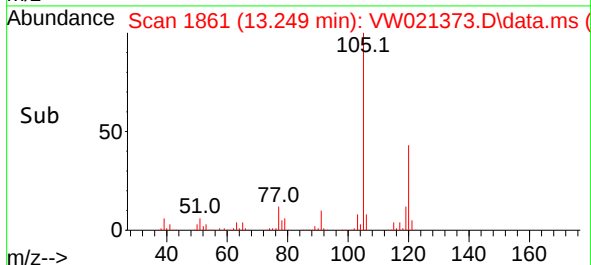
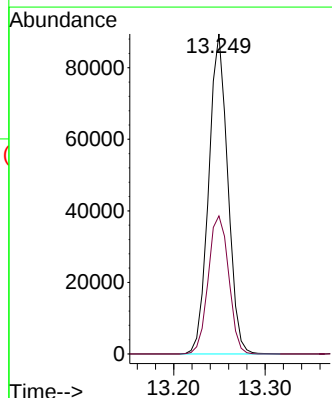
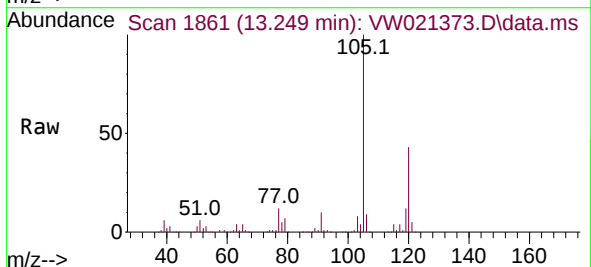
Acq: 13 Dec 2021 19:06

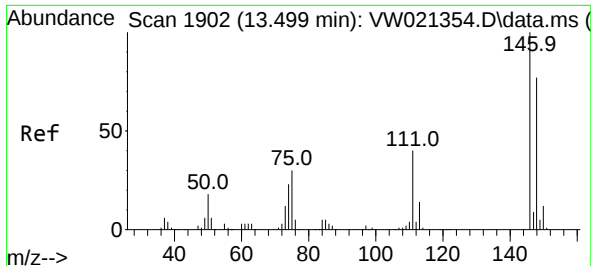
Tgt Ion:105 Resp: 129237

Ion Ratio Lower Upper

105 100

120 46.3 35.0 52.6

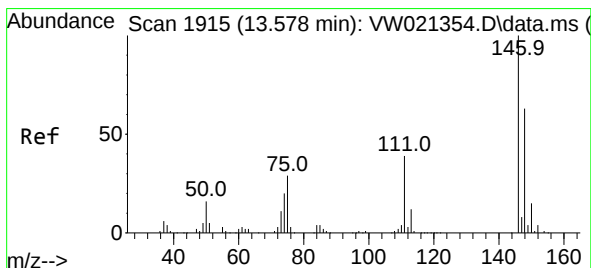
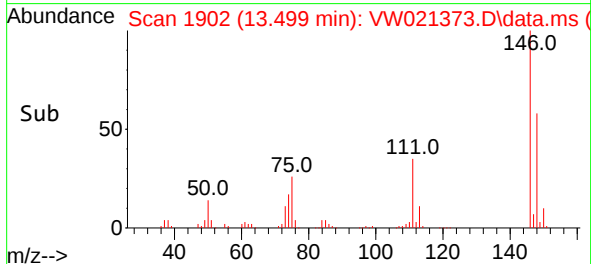
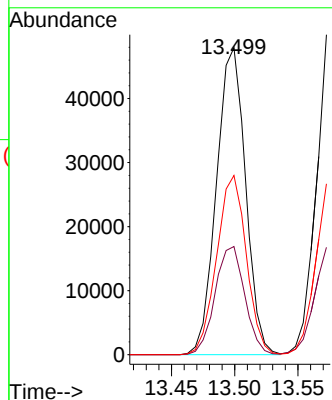
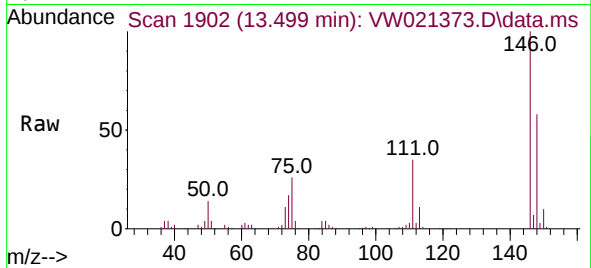




#64
1,3-Dichlorobenzene
Concen: 23.048 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

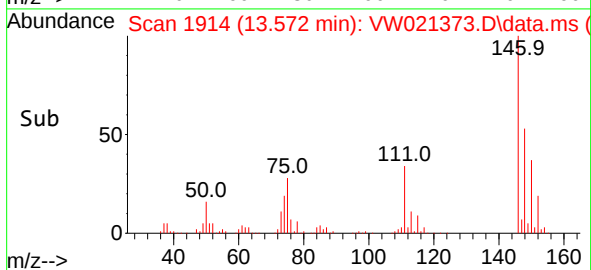
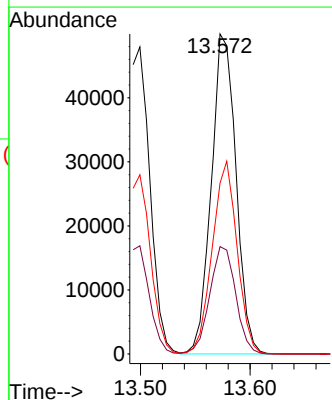
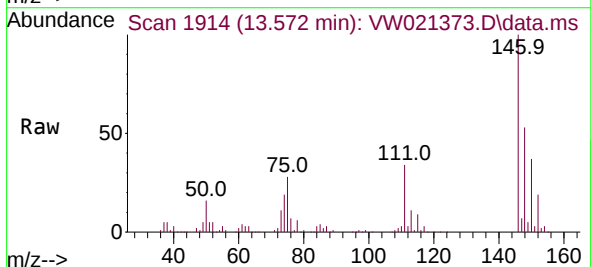
Instrument :
MSVOA_W
ClientSampleId :

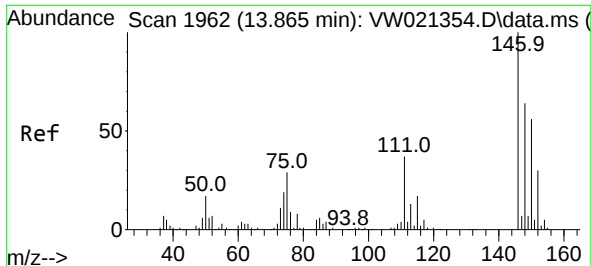
Tgt Ion:146 Resp: 76671
Ion Ratio Lower Upper
146 100
111 35.2 29.8 55.3
148 58.3 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.711 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion:146 Resp: 78367
Ion Ratio Lower Upper
146 100
111 33.5 29.0 53.9
148 53.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.882 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

ClientSampleId :

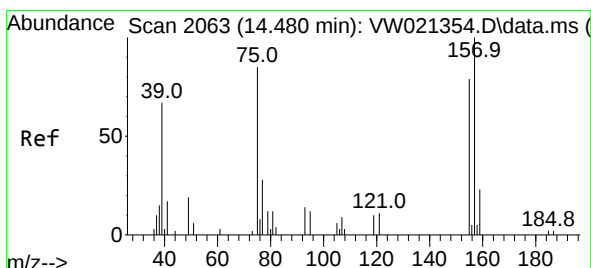
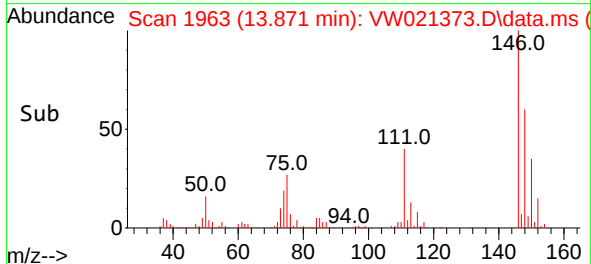
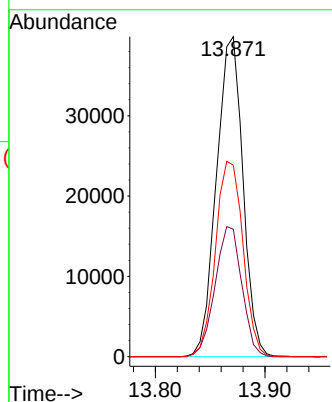
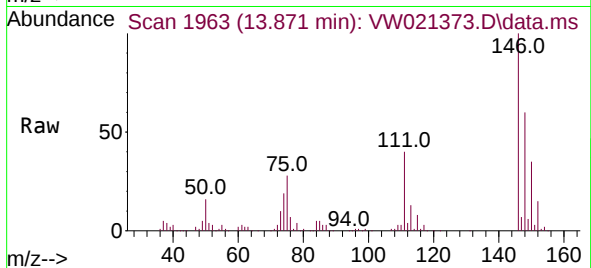
Tgt Ion:146 Resp: 67015

Ion Ratio Lower Upper

146 100

111 39.9 33.1 49.7

148 59.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 30.890 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

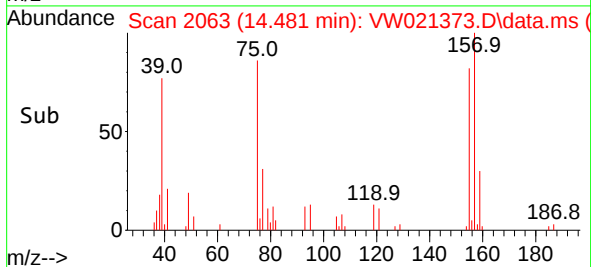
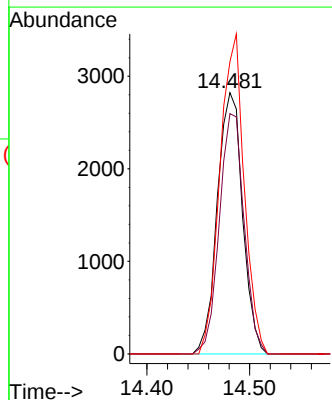
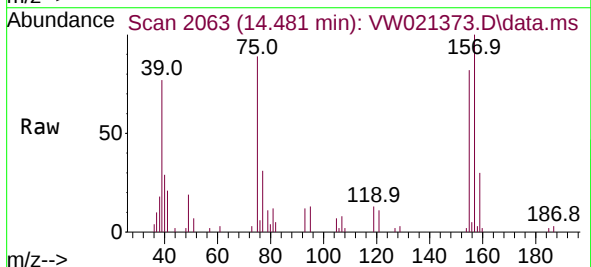
Tgt Ion: 75 Resp: 4813

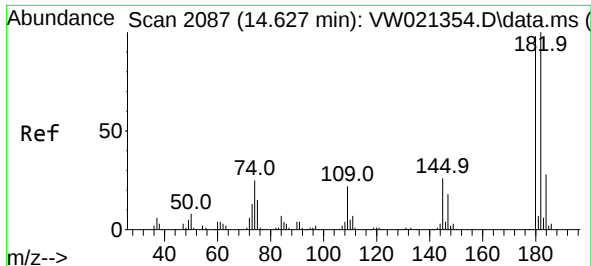
Ion Ratio Lower Upper

75 100

155 92.0 54.2 81.2#

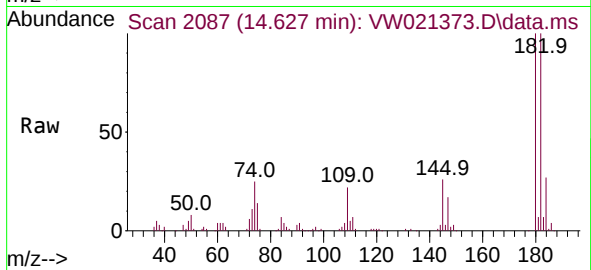
157 111.9 69.4 104.2#



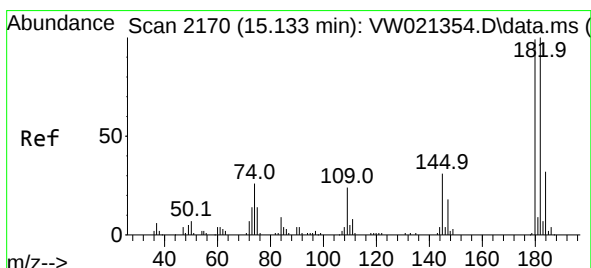
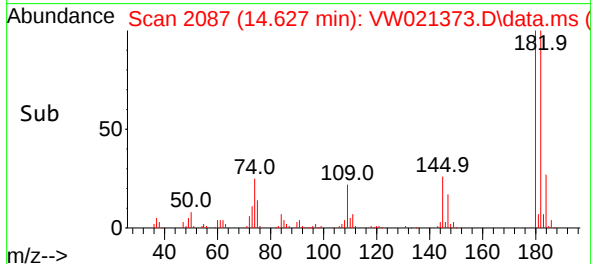
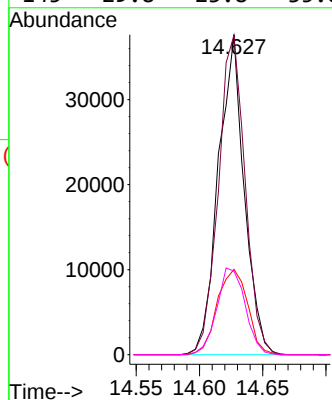


#69
1,3,5-Trichlorobenzene
Concen: 21.497 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Instrument :
MSVOA_W
ClientSampleId :

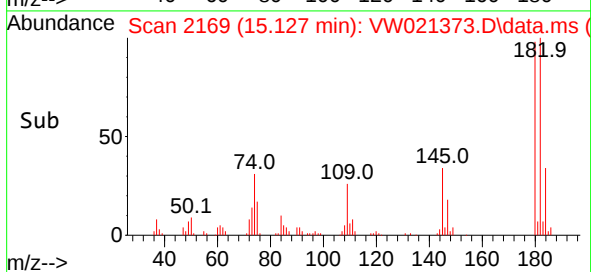
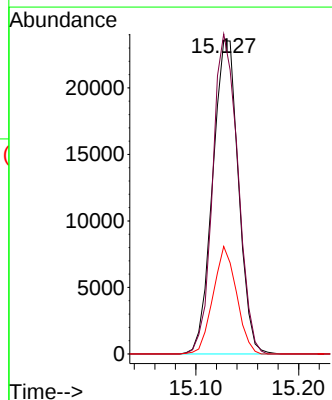
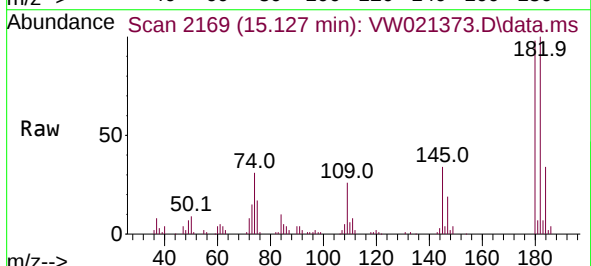


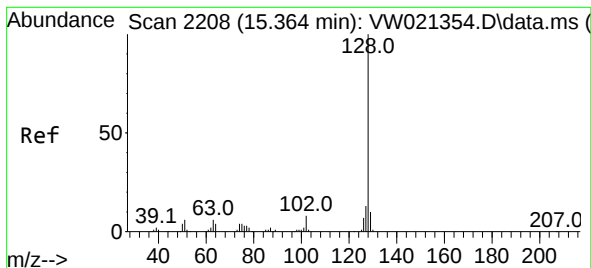
Tgt Ion:180	Resp:	53449
Ion Ratio	Lower	Upper
180	100	
182	102.7	75.4 113.0
184	31.3	23.8 35.8
145	29.8	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 20.531 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021373.D
Acq: 13 Dec 2021 19:06

Tgt Ion:180	Resp:	41058
Ion Ratio	Lower	Upper
180	100	
182	99.4	79.0 118.6
145	31.1	26.0 39.0





#71

Naphthalene

Concen: 23.709 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021373.D

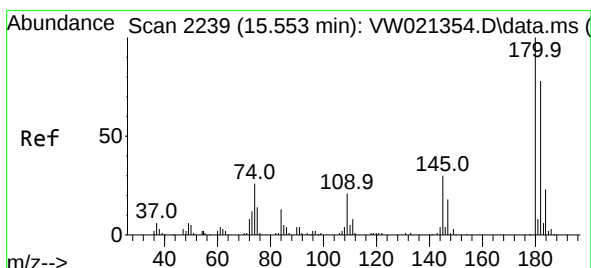
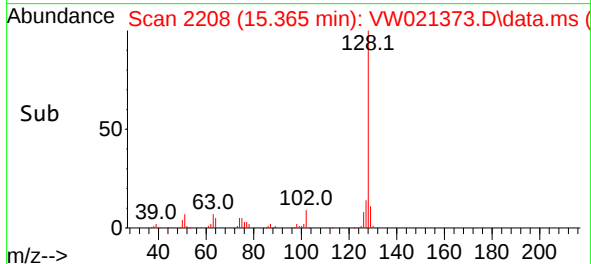
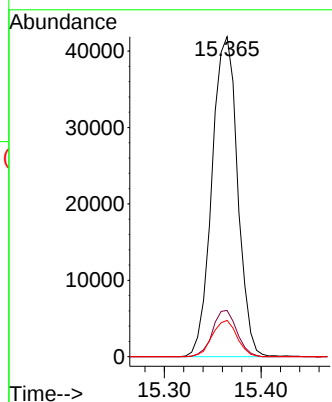
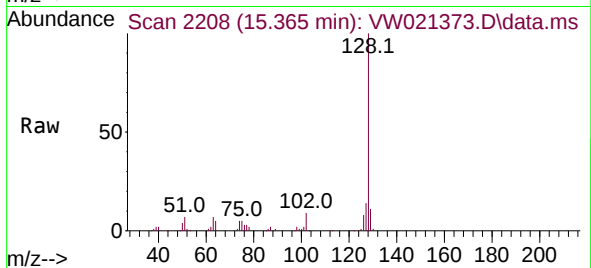
Acq: 13 Dec 2021 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	77031
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.7 16.1
129	11.0	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.799 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW021373.D

Acq: 13 Dec 2021 19:06

Tgt Ion:180	Resp:	37680
Ion Ratio	Lower	Upper
180	100	
182	97.4	76.6 114.8
145	31.6	27.4 41.0

