

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
 Data File : VW020645.D
 Acq On : 20 Oct 2021 11:24
 Operator : SY/VA
 Sample : M4264-09MSD
 Misc : 4.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 01:10:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 01:08:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	242710	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	229851	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	119378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	64400	18.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.960%
7) Chloroethane-d5	2.879	69	28726	15.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.600%
11) 1,1-Dichloroethene-d2	4.019	63	134601	18.600	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.400%
21) 2-Butanone-d5	7.086	46	45963	42.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.520%
24) Chloroform-d	7.653	84	163114	21.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.320%
26) 1,2-Dichloroethane-d4	8.305	65	95595	21.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.520%
32) Benzene-d6	8.275	84	317012	20.968	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.880%
36) 1,2-Dichloropropane-d6	9.274	67	101535	20.606	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.440%
41) Toluene-d8	10.323	98	291177	21.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.840%
43) trans-1,3-Dichloroprop...	10.579	79	43320	21.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.520%
47) 2-Hexanone-d5	10.927	63	36966	48.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	80240	21.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	96576	20.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	22104	14.093	ug/L	98
3) Chloromethane	2.209	50	58510	17.942	ug/L	98
5) Vinyl chloride	2.355	62	69577	15.169	ug/L	100
6) Bromomethane	2.776	94	28218	14.164	ug/L	94
8) Chloroethane	2.916	64	21925	12.945	ug/L	96
9) Trichlorofluoromethane	3.257	101	36531	13.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	64958	17.453	ug/L	99
12) 1,1-Dichloroethene	4.044	96	56845	16.658	ug/L	89
13) Acetone	4.129	43	36039	36.522	ug/L	99
14) Carbon disulfide	4.385	76	164854	14.852	ug/L	100
15) Methyl Acetate	4.672	43	31832	17.371	ug/L	100
16) Methylene chloride	4.915	84	66894	14.178	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	62010	17.319	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	106669	21.147	ug/L	99
19) 1,1-Dichloroethane	6.220	63	134594	18.338	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	69377	18.643	ug/L	100
22) 2-Butanone	7.171	43	44236	35.813	ug/L	98
23) Bromochloromethane	7.513	128	29975	18.365	ug/L	96
25) Chloroform	7.677	83	132617	18.586	ug/L	99

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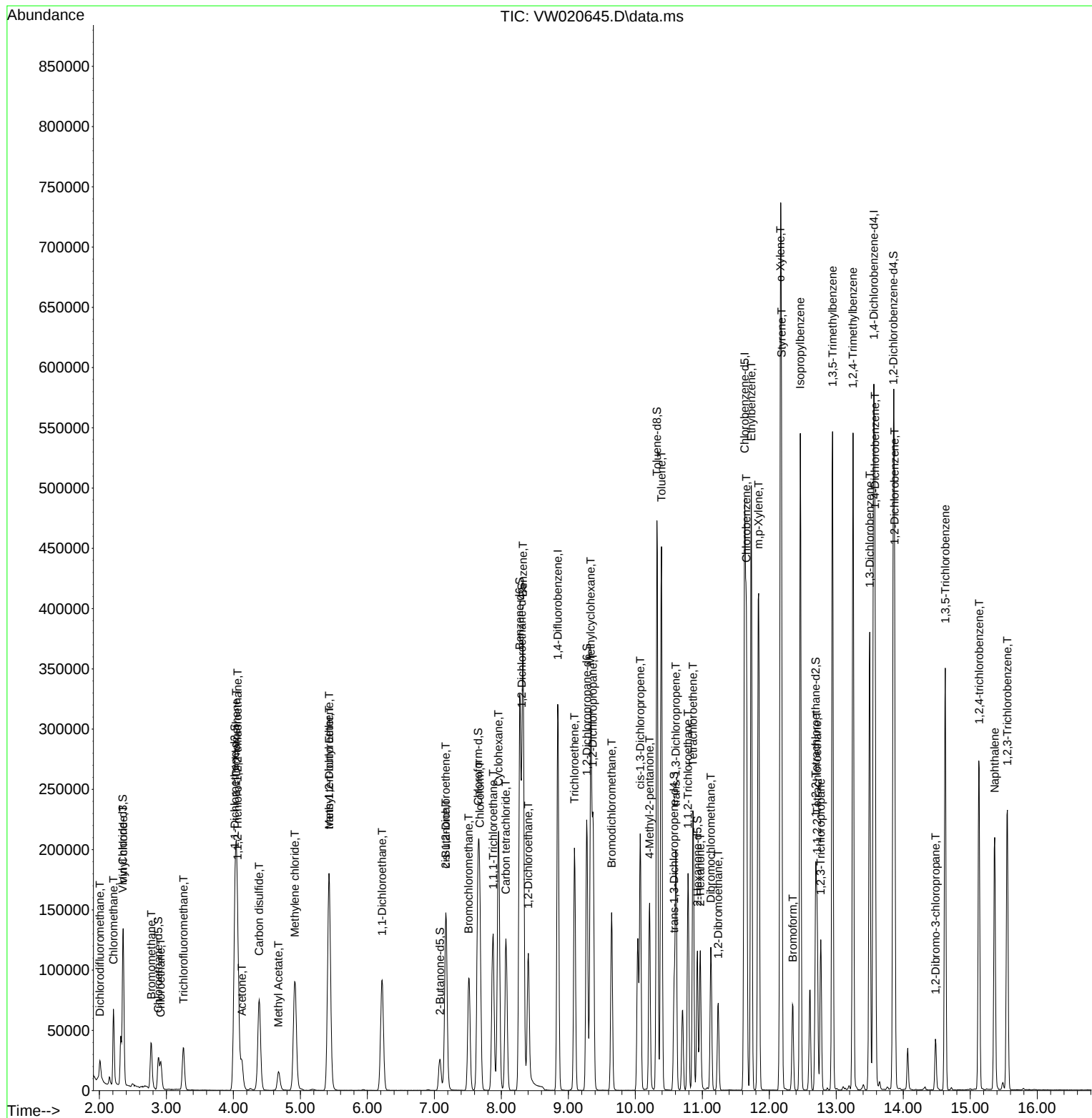
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	94120	19.286	ug/L	100
29) Cyclohexane	7.958	56	115728	17.198	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	101719	17.814	ug/L	99
31) Carbon tetrachloride	8.067	117	89752	17.878	ug/L	99
33) Benzene	8.323	78	301701	18.428	ug/L	100
34) Trichloroethene	9.092	95	68973	17.101	ug/L	96
35) Methylcyclohexane	9.335	83	116200	16.835	ug/L	99
37) 1,2-Dichloropropane	9.366	63	77968	18.390	ug/L	99
38) Bromodichloromethane	9.646	83	95904	18.867	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	114269	19.535	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	105185	41.336	ug/L	99
42) Toluene	10.390	91	309364	18.839	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	102567	19.891	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52734	19.372	ug/L	99
46) Tetrachloroethene	10.860	164	48936	16.892	ug/L	89
48) 2-Hexanone	10.969	43	74630	39.974	ug/L	99
49) Dibromochloromethane	11.128	129	57791	19.270	ug/L	94
50) 1,2-Dibromoethane	11.237	107	47581	19.030	ug/L	98
51) Chlorobenzene	11.658	112	181746	17.948	ug/L	98
52) Ethylbenzene	11.731	91	335857	18.861	ug/L	97
53) m,p-Xylene	11.841	106	123339	18.694	ug/L	96
54) o-Xylene	12.164	106	117737	19.323	ug/L	99
55) Styrene	12.182	104	207292	19.457	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	65691	19.467	ug/L	100
59) Bromoform	12.353	173	31390	18.770	ug/L	99
60) Isopropylbenzene	12.463	105	319542	18.237	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49316	18.752	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	274697	19.202	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	273295	19.286	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	139535	18.405	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	147576	18.820	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	131822	18.979	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	10526	18.843	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	100489	18.589	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	80583	18.825	ug/L	98
71) Naphthalene	15.365	128	164231	21.340	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	75457	20.071	ug/L	99

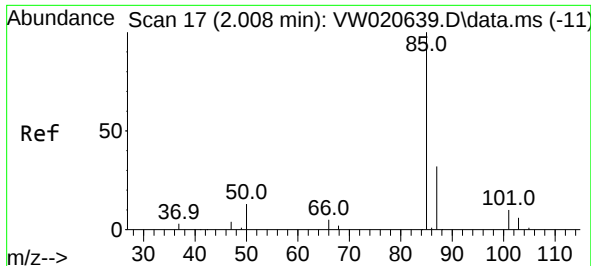
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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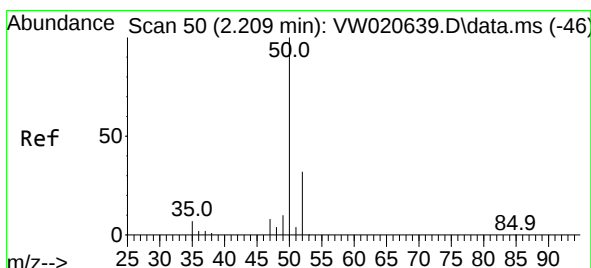
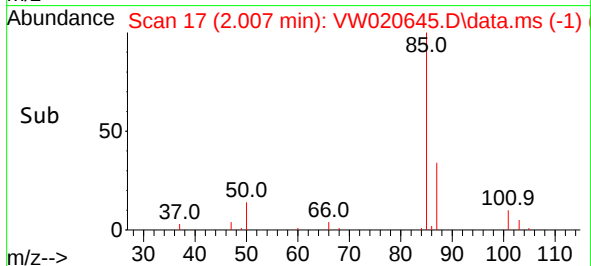
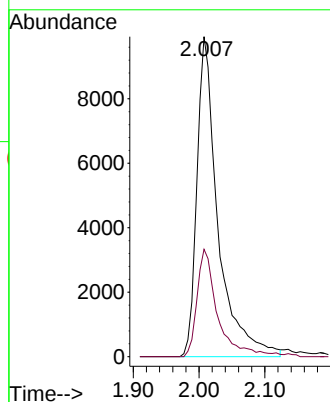
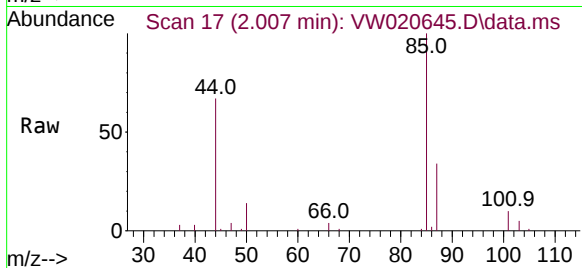




#2
Dichlorodifluoromethane
Concen: 14.093 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

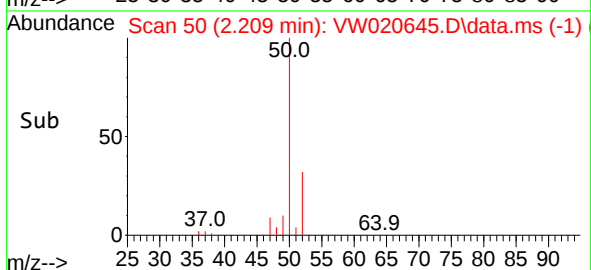
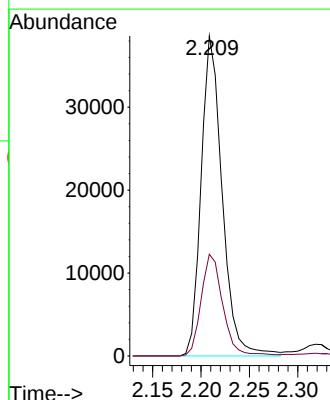
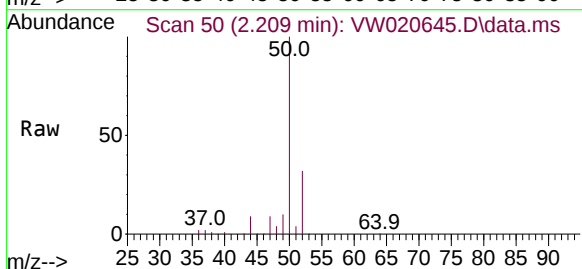
Instrument :
MSVOA_W
ClientSampled :

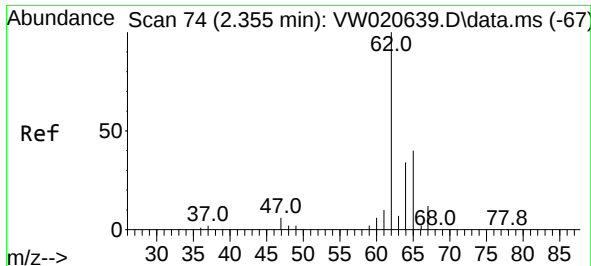
Tgt Ion: 85 Resp: 22104
Ion Ratio Lower Upper
85 100
87 30.2 24.9 37.3



#3
Chloromethane
Concen: 17.942 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion: 50 Resp: 58510
Ion Ratio Lower Upper
50 100
52 31.8 21.5 39.9

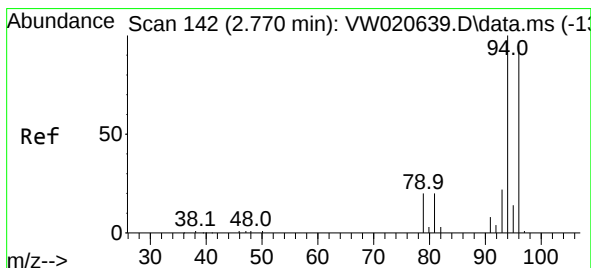
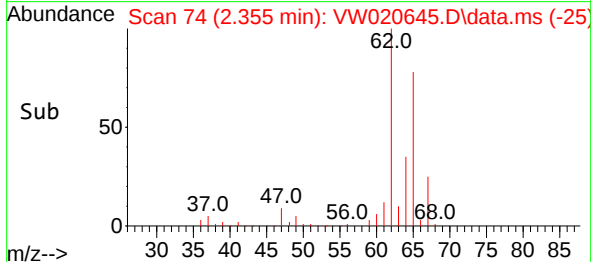
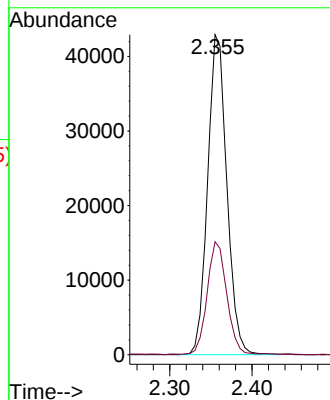
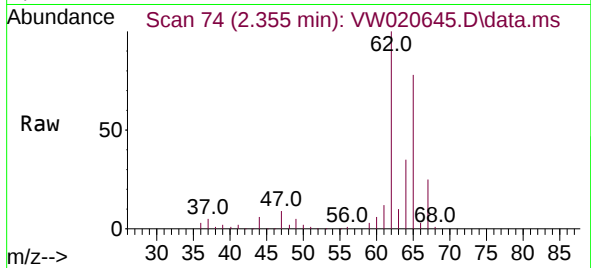




#5
 Vinyl chloride
 Concen: 15.169 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020645.D
 Acq: 20 Oct 2021 11:24

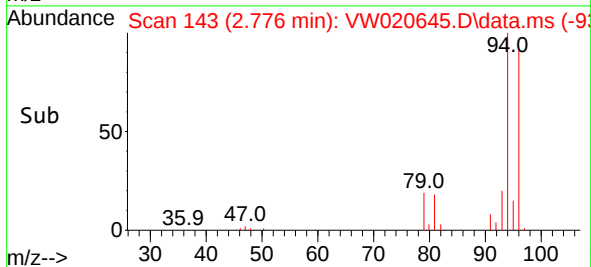
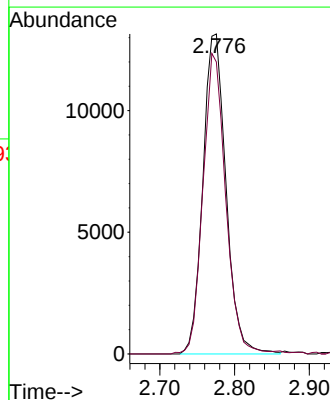
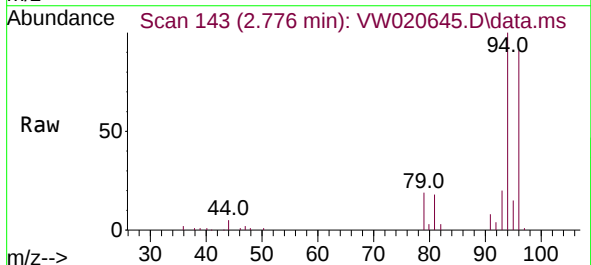
Instrument :
 MSVOA_W
 ClientSampled :

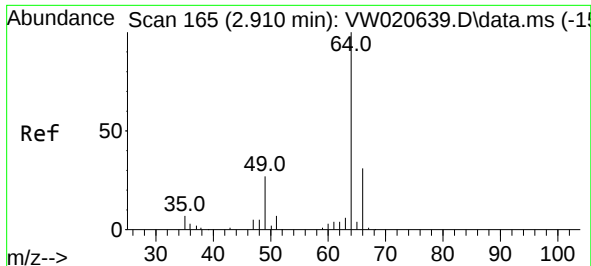
Tgt Ion: 62 Resp: 69577
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.6 45.6



#6
 Bromomethane
 Concen: 14.164 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW020645.D
 Acq: 20 Oct 2021 11:24

Tgt Ion: 94 Resp: 28218
 Ion Ratio Lower Upper
 94 100
 96 91.3 67.8 126.0





#8

Chloroethane

Concen: 12.945 ug/L

RT: 2.916 min Scan# 166

Delta R.T. 0.006 min

Lab File: VW020645.D

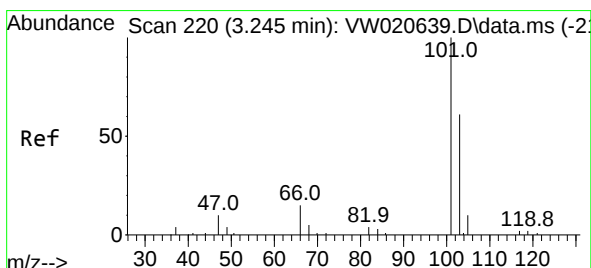
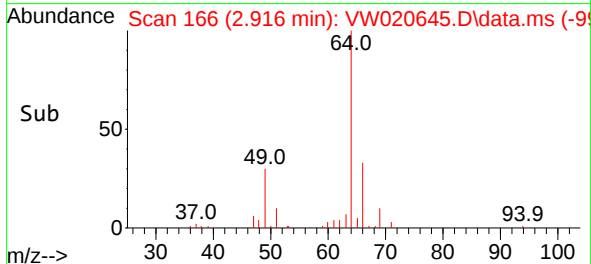
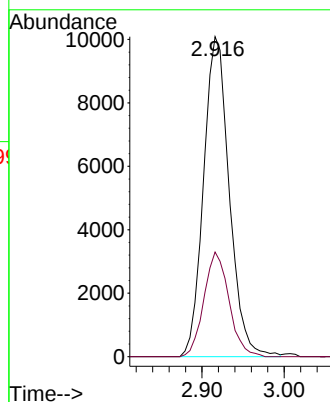
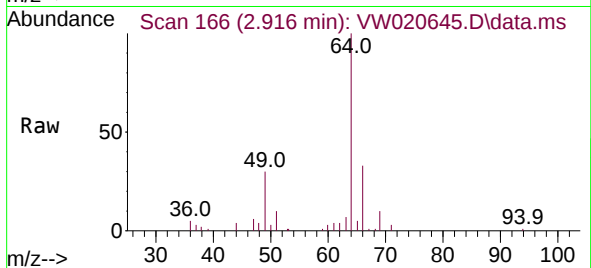
Acq: 20 Oct 2021 11:24

Tgt Ion: 64 Resp: 21925

Ion Ratio Lower Upper

64 100

66 32.7 21.2 39.4



#9

Trichlorofluoromethane

Concen: 13.998 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.012 min

Lab File: VW020645.D

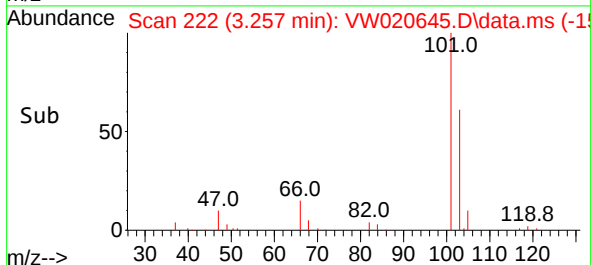
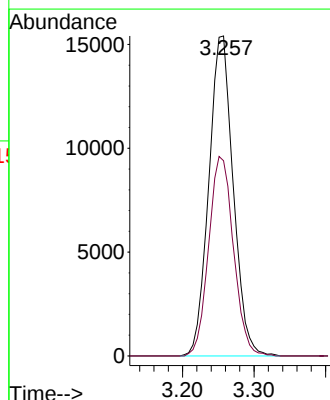
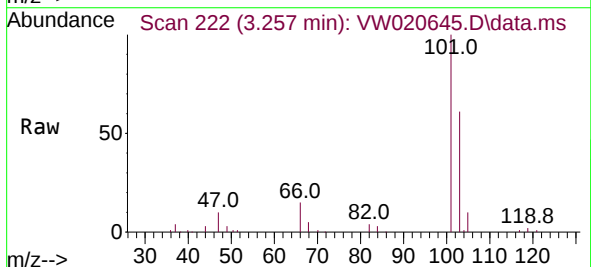
Acq: 20 Oct 2021 11:24

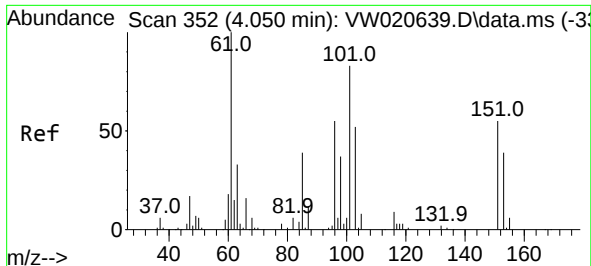
Tgt Ion:101 Resp: 36531

Ion Ratio Lower Upper

101 100

103 63.4 52.2 78.4





#10

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

Concen: 17.453 ug/L

RT: 4.062 min Scan# 354

Delta R.T. 0.012 min

Lab File: VW020645.D

Acq: 20 Oct 2021 11:24

Tgt Ion:101 Resp: 64958

Ion Ratio Lower Upper

101 100

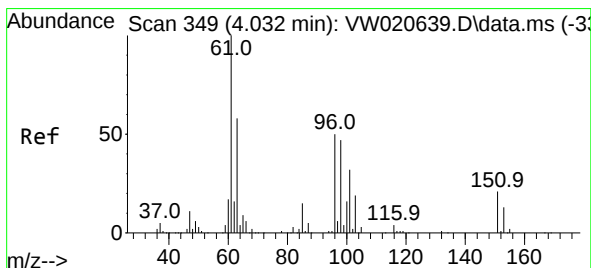
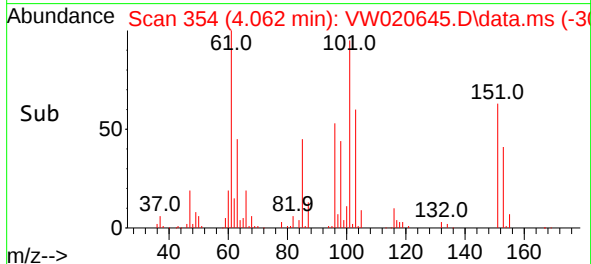
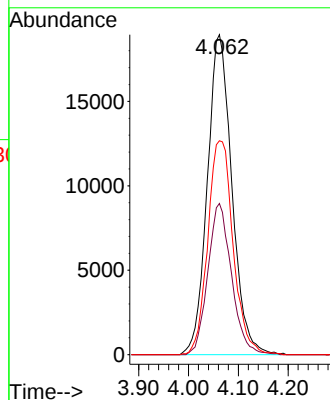
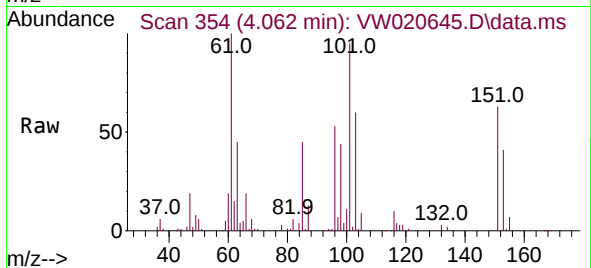
85 45.4 36.3 54.5

151 69.0 56.5 84.7

Instrument :

MSVOA_W

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 16.658 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.012 min

Lab File: VW020645.D

Acq: 20 Oct 2021 11:24

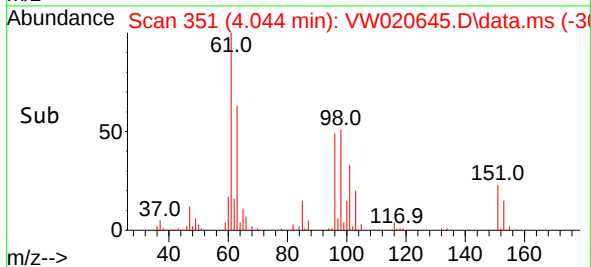
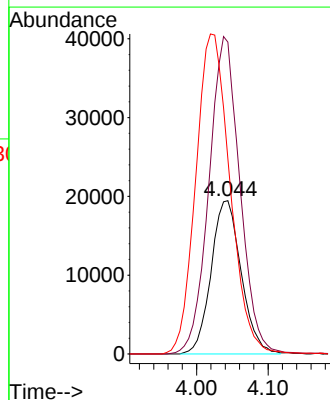
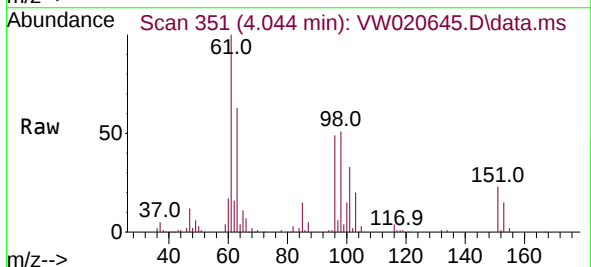
Tgt Ion: 96 Resp: 56845

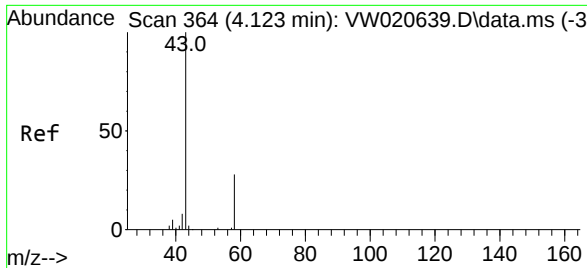
Ion Ratio Lower Upper

96 100

61 203.5 133.9 248.7

63 127.4 77.3 143.7

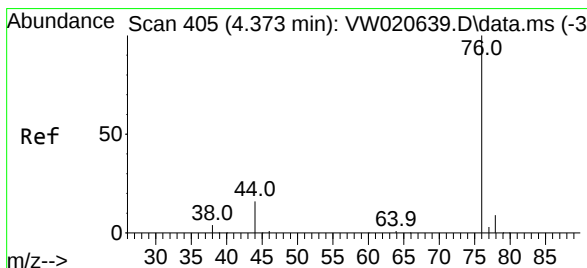
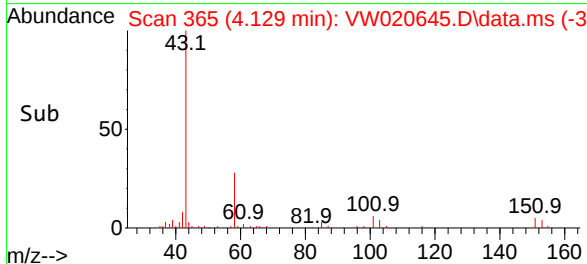
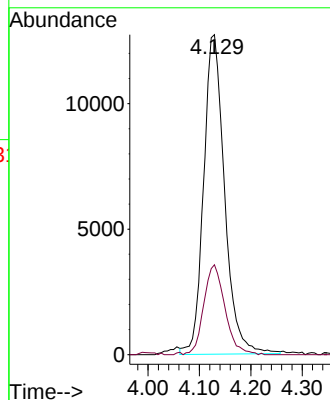
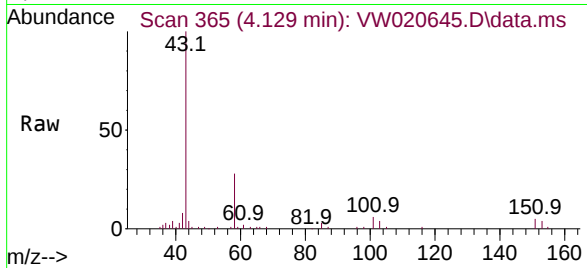




#13
Acetone
Concen: 36.522 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

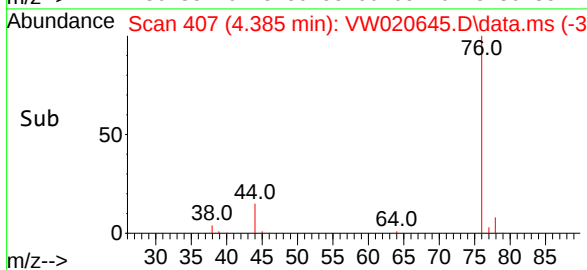
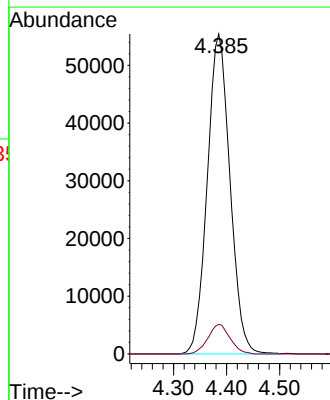
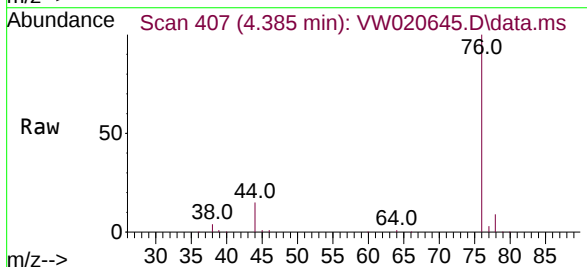
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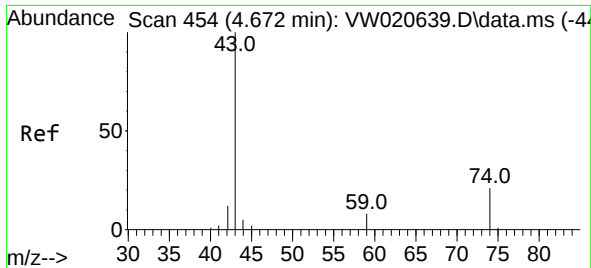
Tgt Ion: 43 Resp: 36039
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.4



#14
Carbon disulfide
Concen: 14.852 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.012 min
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Tgt Ion: 76 Resp: 164854
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

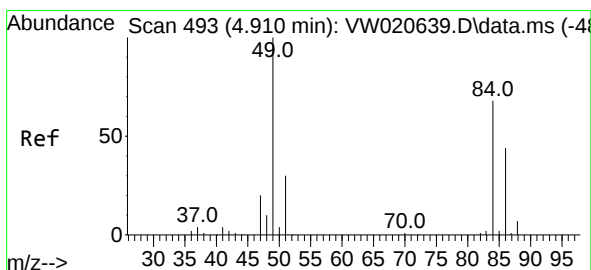
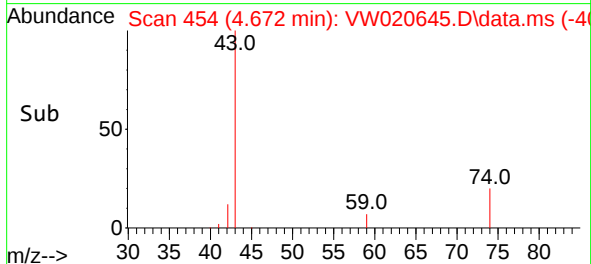
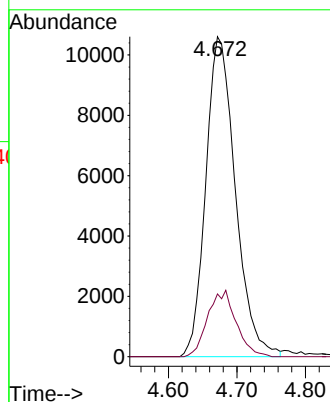
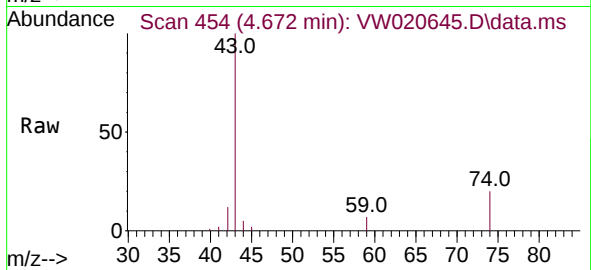




#15
Methyl Acetate
Concen: 17.371 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

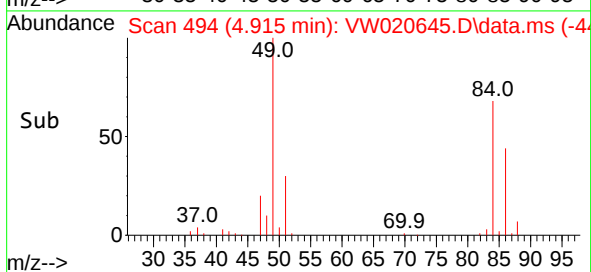
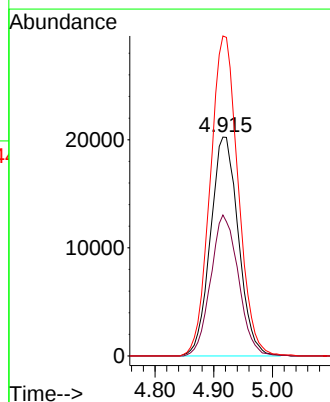
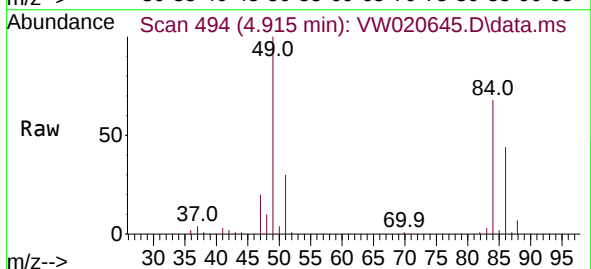
Instrument :
MSVOA_W
ClientSampled :

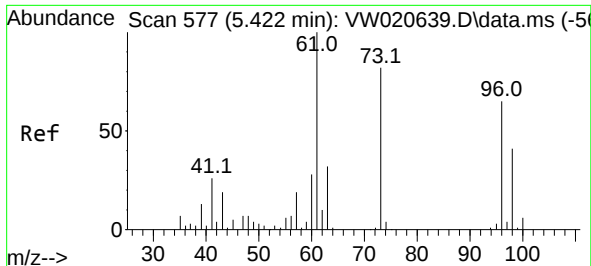
Tgt Ion: 43 Resp: 31832
Ion Ratio Lower Upper
43 100
74 19.9 16.1 24.1



#16
Methylene chloride
Concen: 14.178 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion: 84 Resp: 66894
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 146.2 101.7 188.9





#17

trans-1,2-Dichloroethene

Concen: 17.319 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW020645.D

Acq: 20 Oct 2021 11:24

Tgt Ion: 96 Resp: 62010

Ion Ratio Lower Upper

96 100

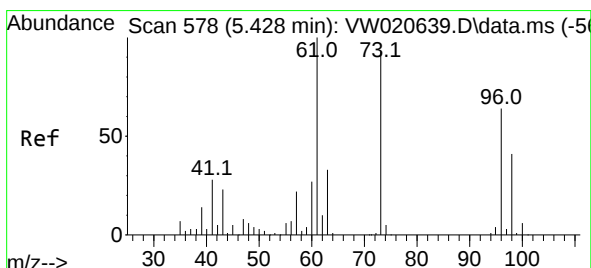
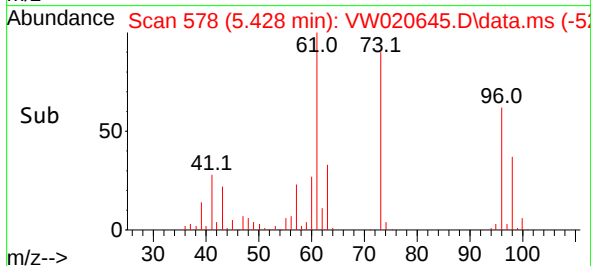
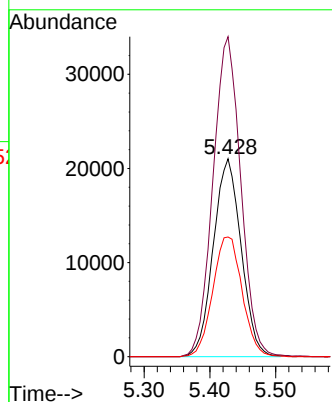
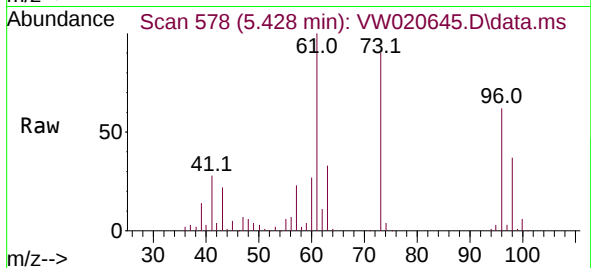
61 161.7 110.7 205.5

98 60.5 43.9 81.5

Instrument :

MSVOA_W

ClientSampled :



#18

Methyl tert-butyl Ether

Concen: 21.147 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW020645.D

Acq: 20 Oct 2021 11:24

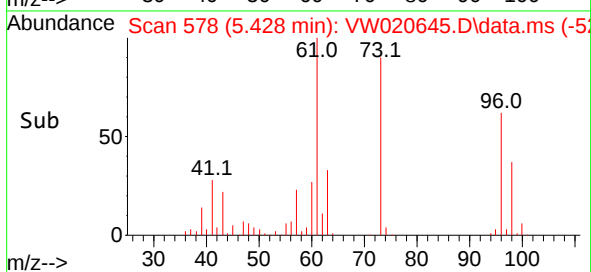
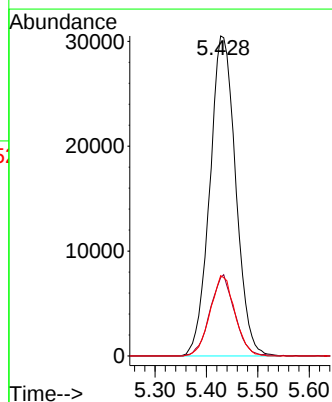
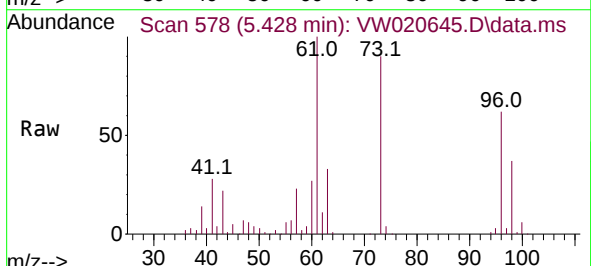
Tgt Ion: 73 Resp: 106669

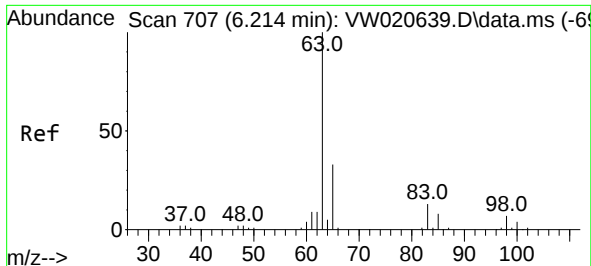
Ion Ratio Lower Upper

73 100

43 24.2 18.9 28.3

57 24.0 18.9 28.3





#19

1,1-Dichloroethane

Concen: 18.338 ug/L

RT: 6.220 min Scan# 708

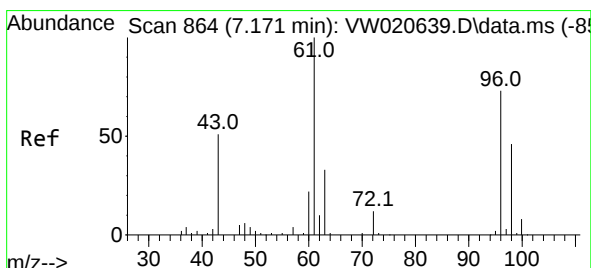
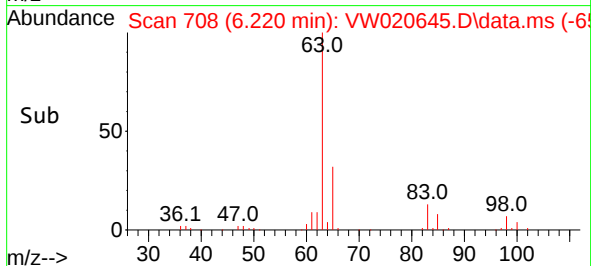
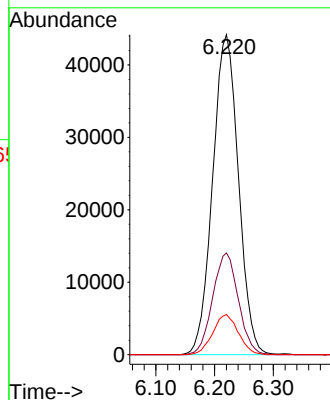
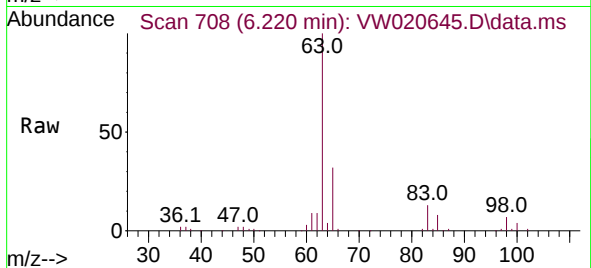
Delta R.T. 0.006 min

Lab File: VW020645.D

Acq: 20 Oct 2021 11:24

Tgt Ion:	63	Resp:	134594
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.9	40.7
83	12.6	9.0	16.6

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 18.643 ug/L

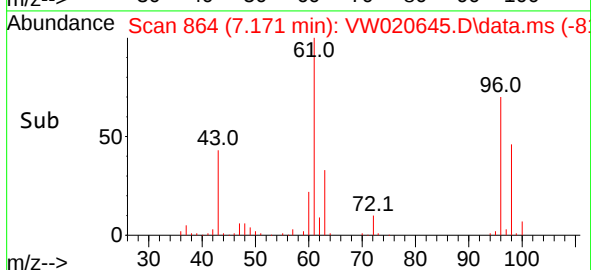
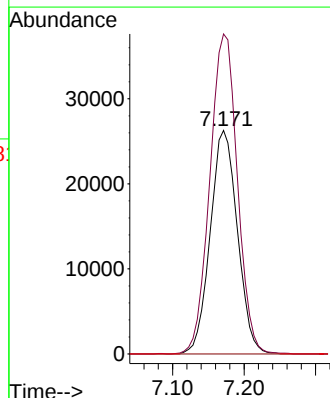
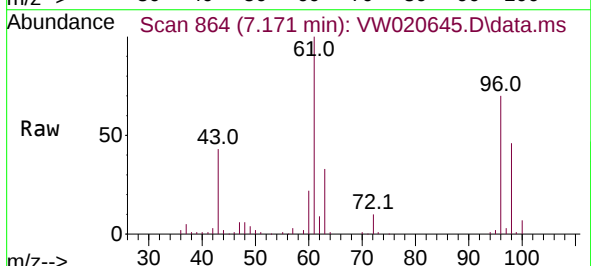
RT: 7.171 min Scan# 864

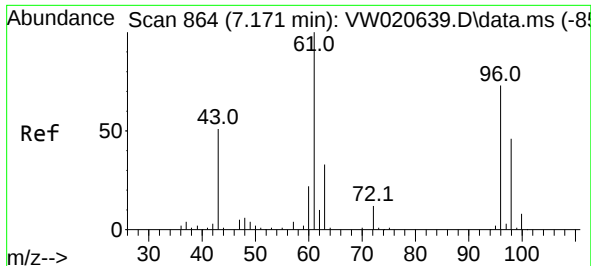
Delta R.T. -0.000 min

Lab File: VW020645.D

Acq: 20 Oct 2021 11:24

Tgt Ion:	96	Resp:	69377
Ion	Ratio	Lower	Upper
96	100		
61	143.2	100.3	186.3
68	0.0	0.0	0.0

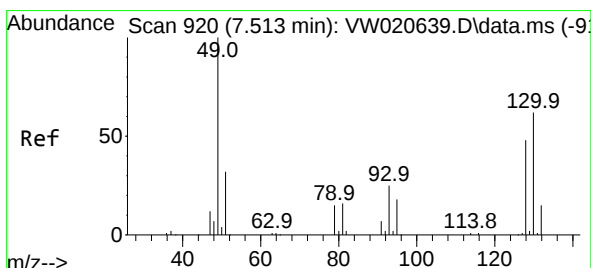
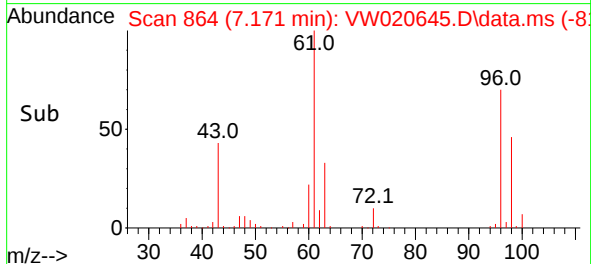
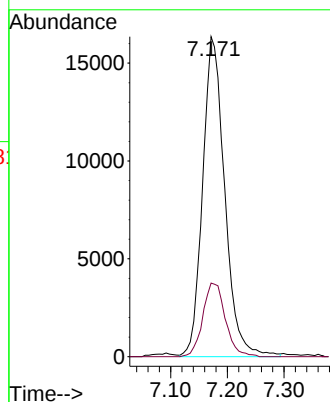
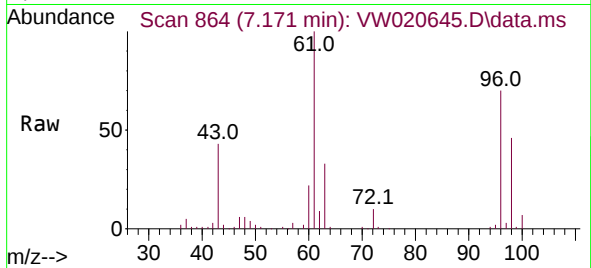




#22
2-Butanone
Concen: 35.813 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

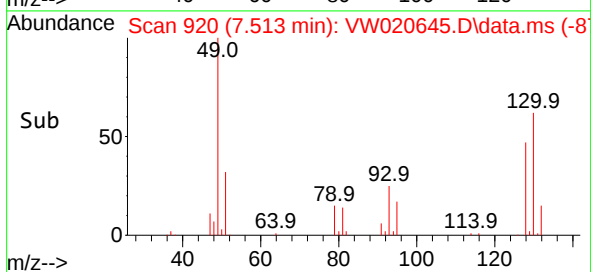
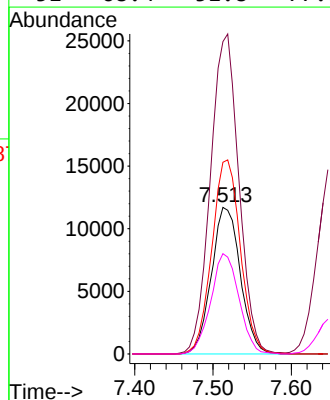
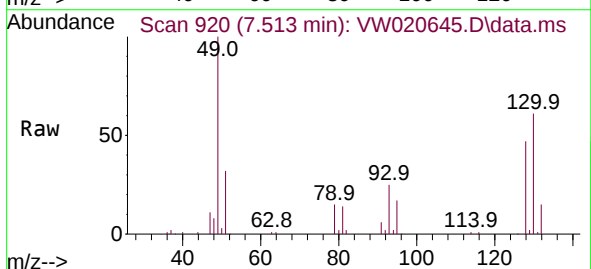
Instrument :
MSVOA_W
ClientSampled :

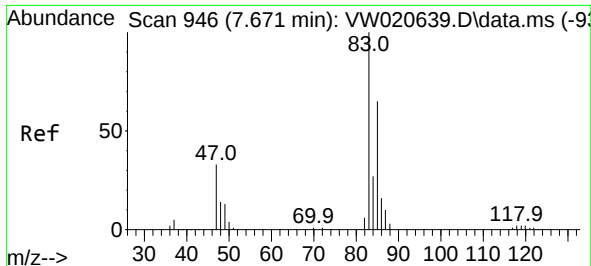
Tgt Ion: 43 Resp: 44236
Ion Ratio Lower Upper
43 100
72 23.4 12.2 36.6



#23
Bromochloromethane
Concen: 18.365 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion: 128 Resp: 29975
Ion Ratio Lower Upper
128 100
49 213.0 144.1 267.7
130 130.8 89.2 165.6
51 68.4 51.8 77.8

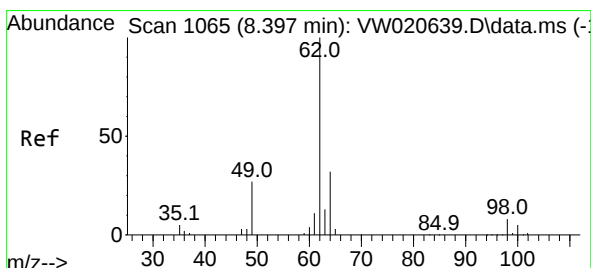
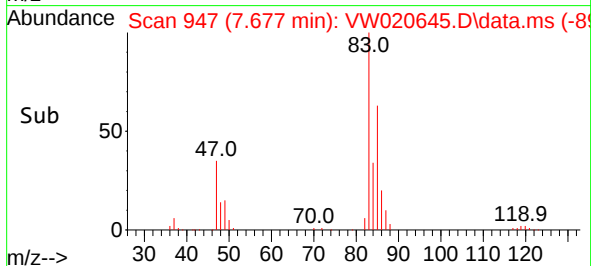
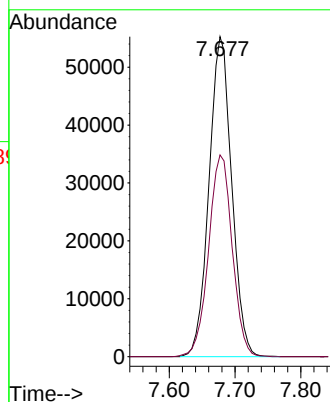
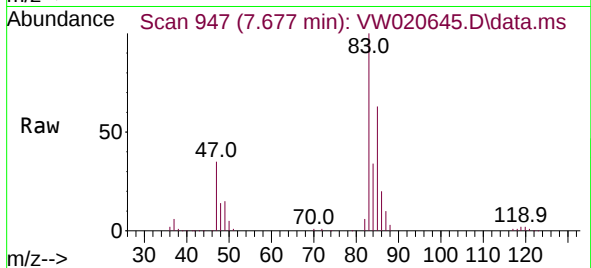




#25
Chloroform
Concen: 18.586 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

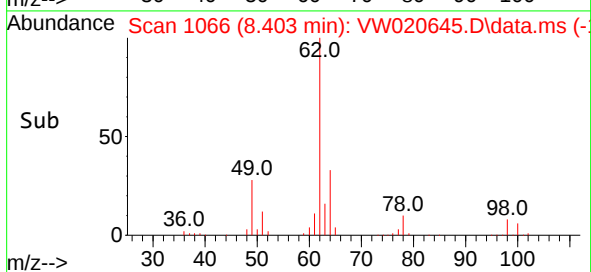
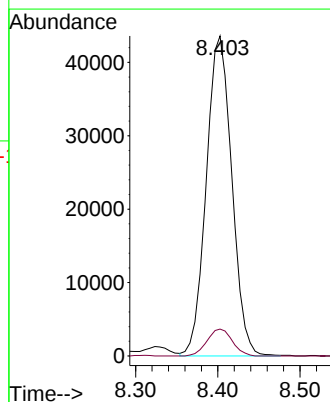
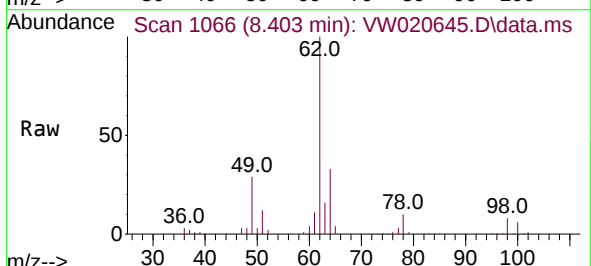
Instrument :
MSVOA_W
ClientSampled :

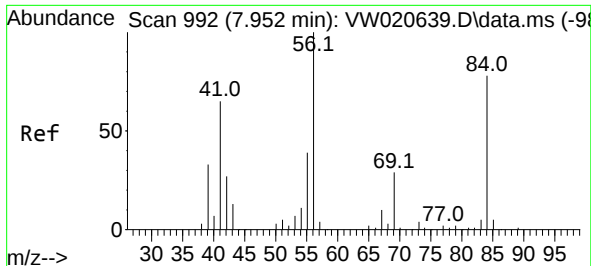
Tgt Ion: 83 Resp: 132617
Ion Ratio Lower Upper
83 100
85 63.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 19.286 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

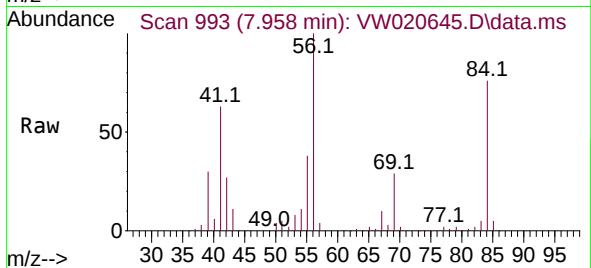
Tgt Ion: 62 Resp: 94120
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0





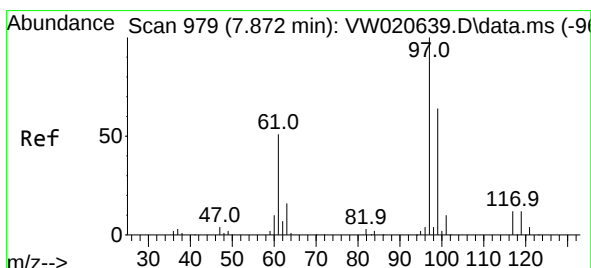
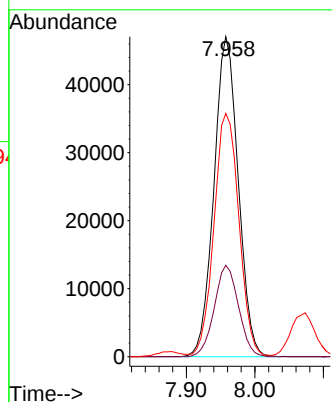
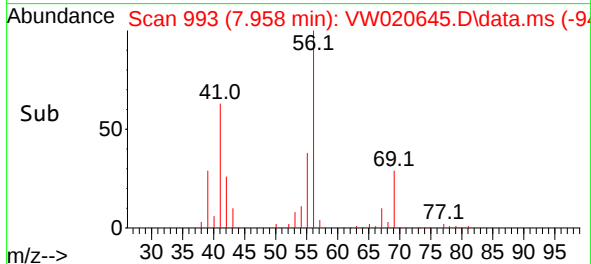
#29
Cyclohexane
Concen: 17.198 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Instrument :
MSVOA_W
ClientSampled :

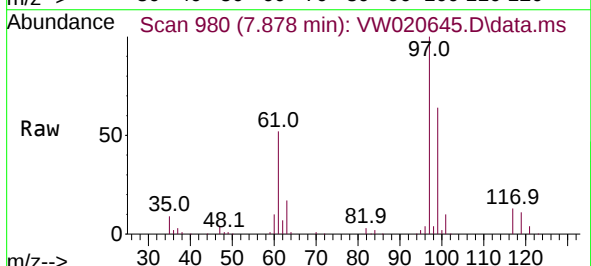


Tgt Ion: 56 Resp: 115728

Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.2	34.8
84	78.3	63.7	95.5

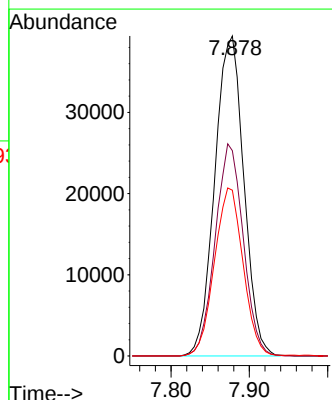
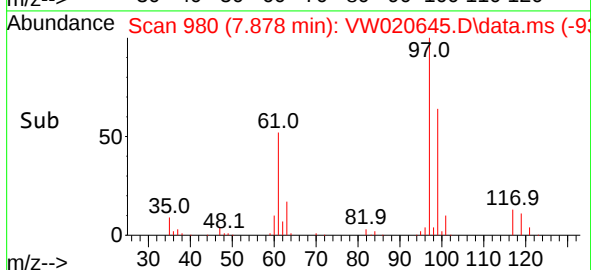


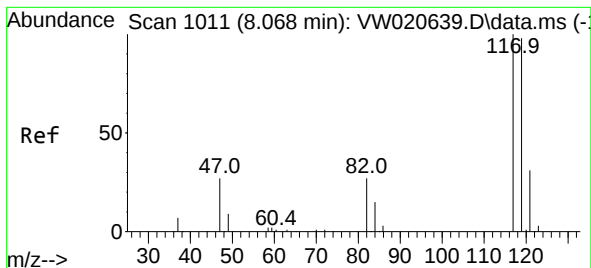
#30
1,1,1-Trichloroethane
Concen: 17.814 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24



Tgt Ion: 97 Resp: 101719

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	51.8	41.0	61.6

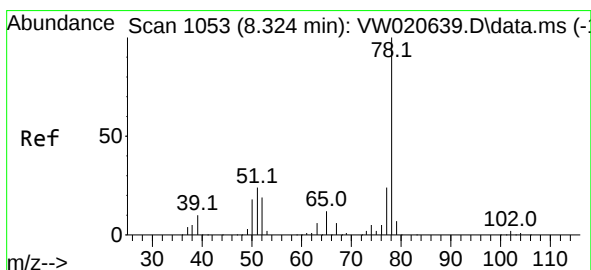
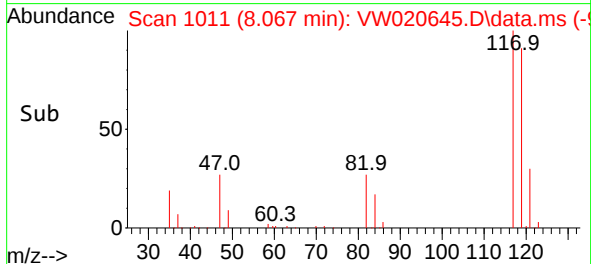
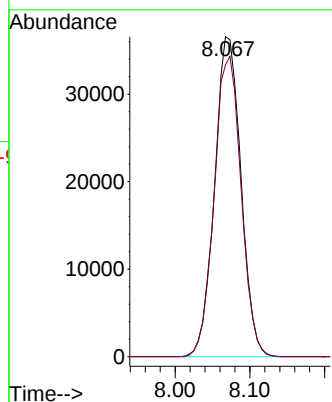
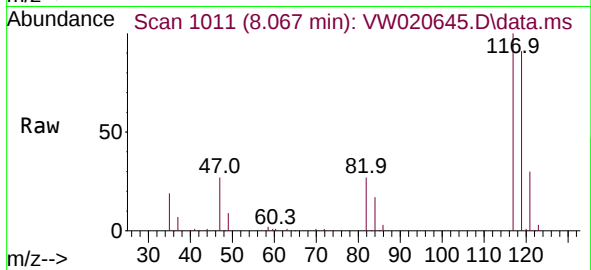




#31
Carbon tetrachloride
Concen: 17.878 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

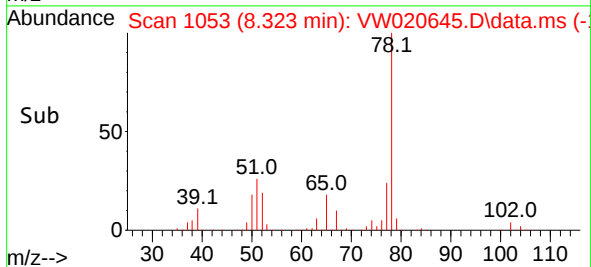
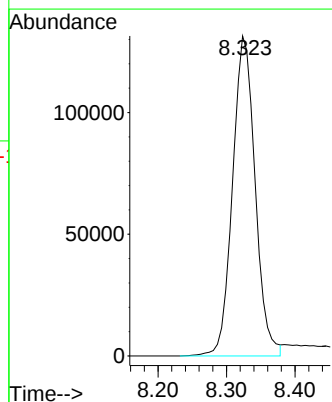
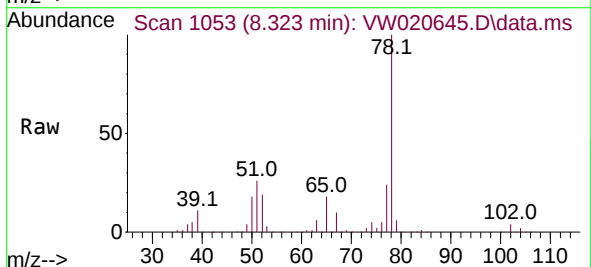
Instrument :
MSVOA_W
ClientSampled :

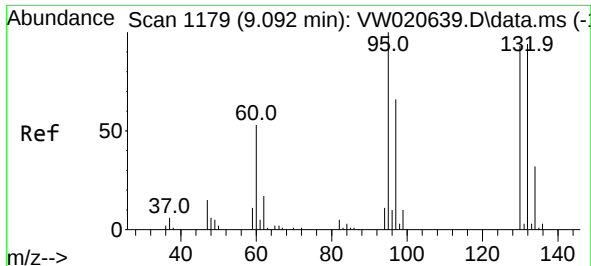
Tgt Ion:117 Resp: 89752
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.4



#33
Benzene
Concen: 18.428 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion: 78 Resp: 301701



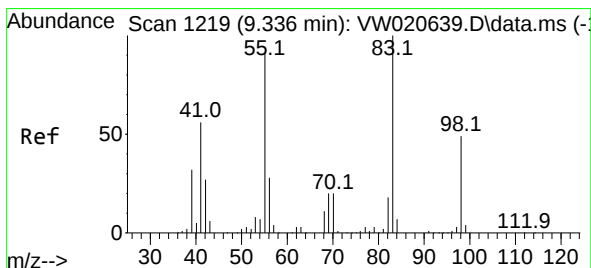
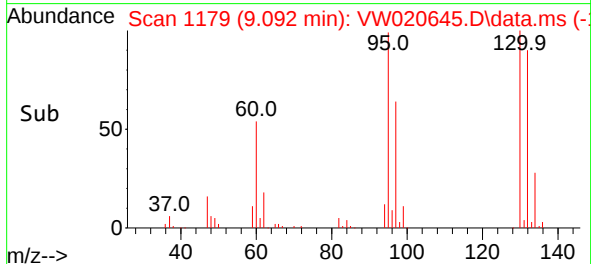
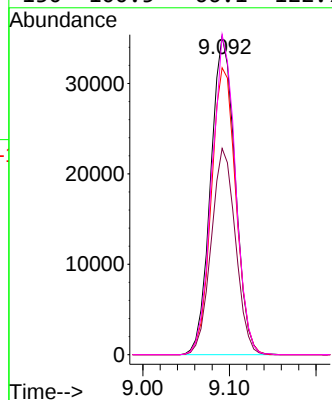
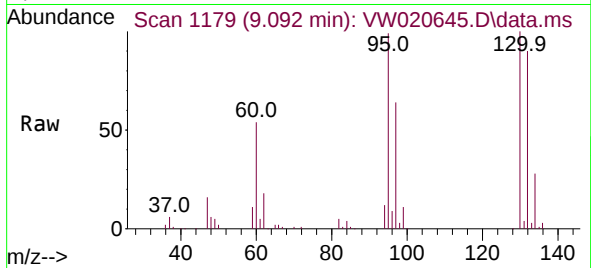


#34
Trichloroethene
Concen: 17.101 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 68973

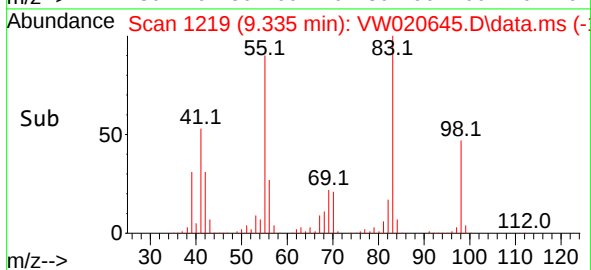
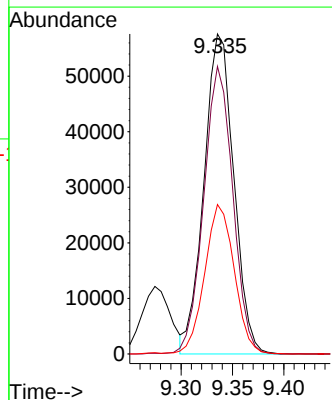
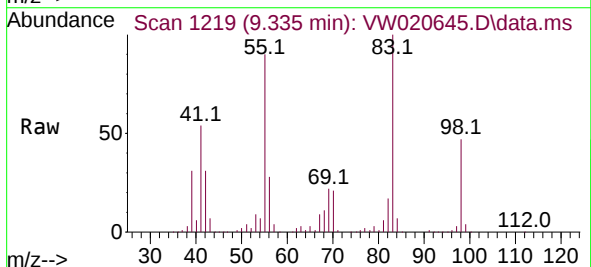
Ion	Ratio	Lower	Upper
95	100		
97	64.8	43.2	80.2
132	90.1	62.3	115.7
130	100.5	66.1	122.7

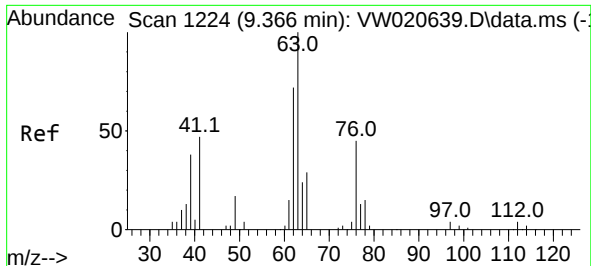


#35
Methylcyclohexane
Concen: 16.835 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion: 83 Resp: 116200

Ion	Ratio	Lower	Upper
83	100		
55	87.7	69.7	104.5
98	46.5	38.2	57.2





#37

1,2-Dichloropropane

Concen: 18.390 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW020645.D

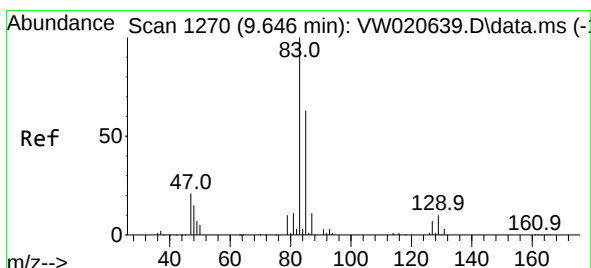
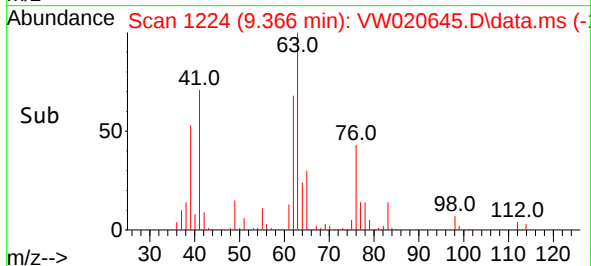
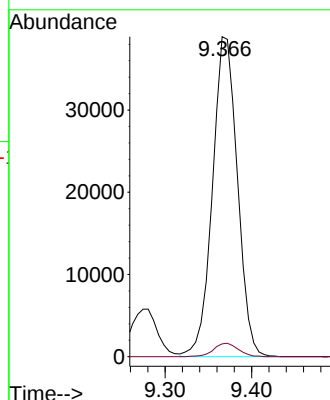
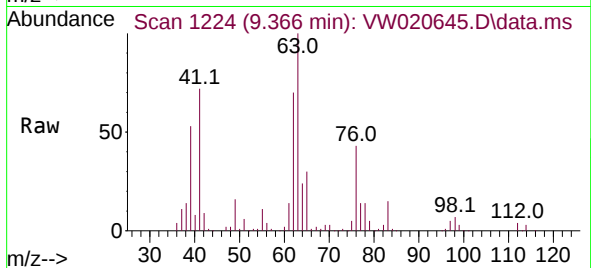
Acq: 20 Oct 2021 11:24

Tgt Ion: 63 Resp: 77968

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 18.867 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020645.D

Acq: 20 Oct 2021 11:24

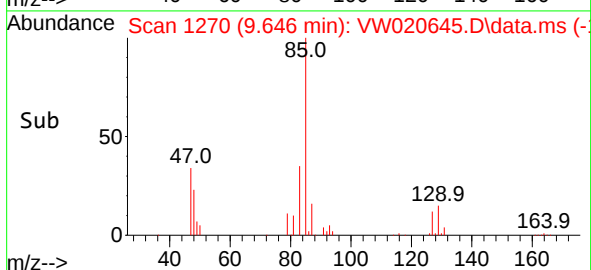
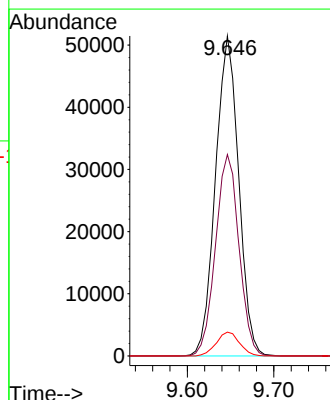
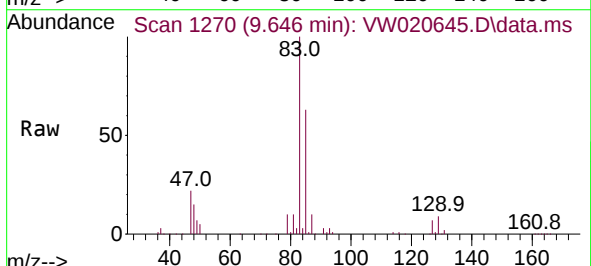
Tgt Ion: 83 Resp: 95904

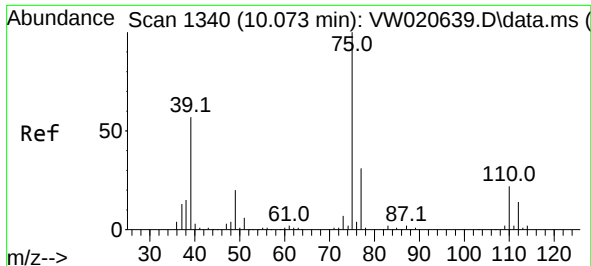
Ion Ratio Lower Upper

83 100

85 62.9 43.4 80.6

127 7.4 6.2 9.2

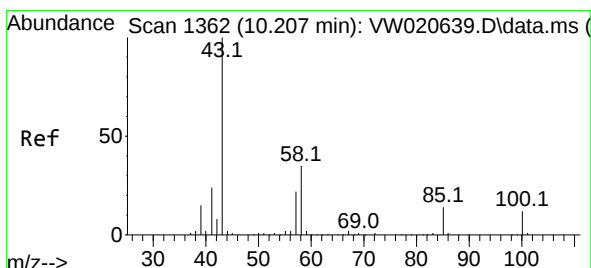
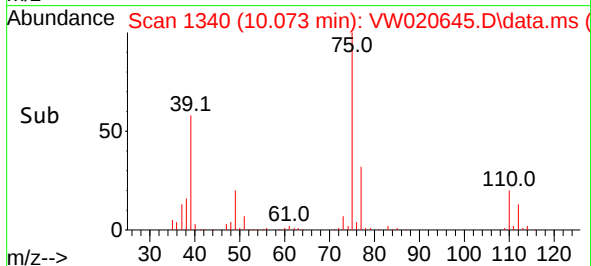
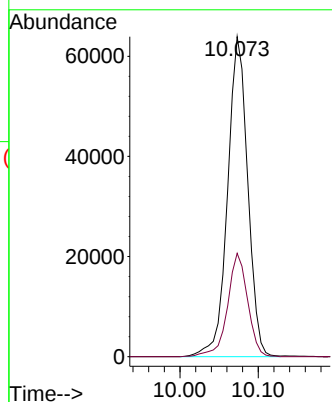
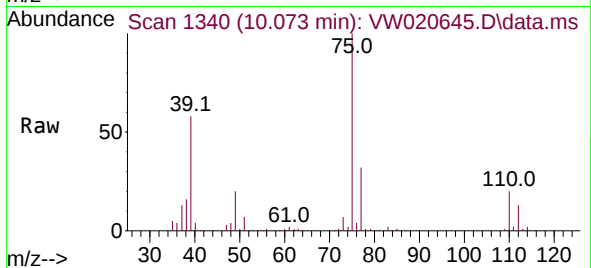




#39
cis-1,3-Dichloropropene
Concen: 19.535 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

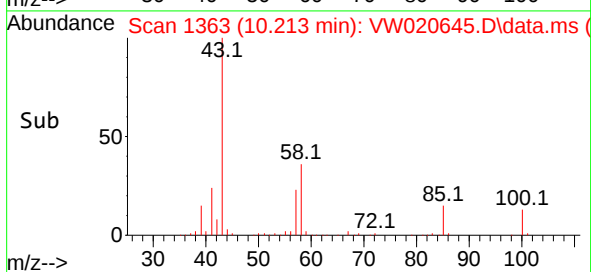
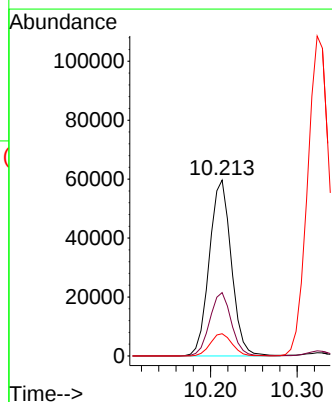
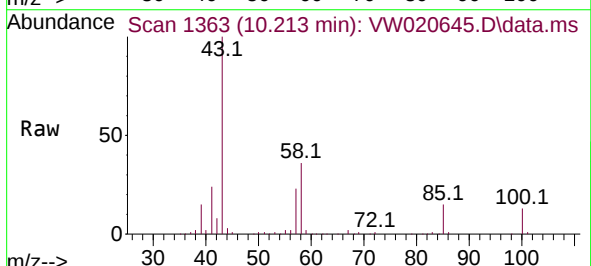
Instrument :
MSVOA_W
ClientSampleId :

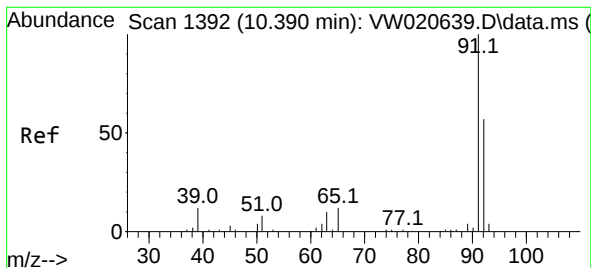
Tgt Ion: 75 Resp: 114269
Ion Ratio Lower Upper
75 100
77 32.3 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 41.336 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion: 43 Resp: 105185
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4
100 12.6 10.2 15.4





#42

Toluene

Concen: 18.839 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020645.D

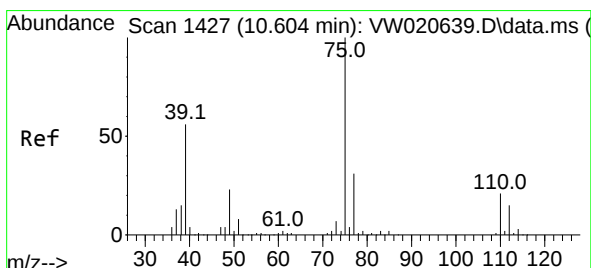
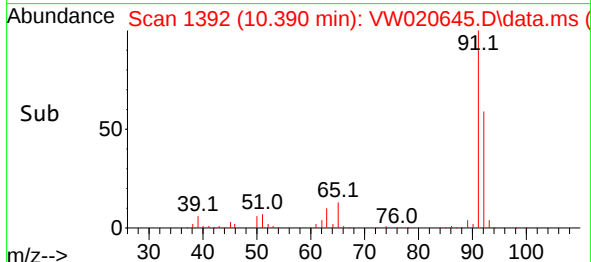
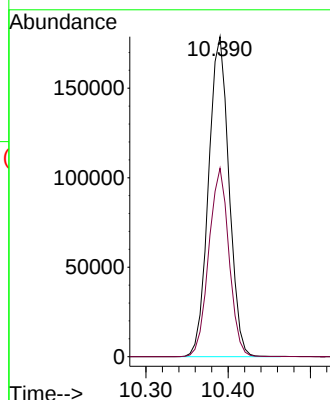
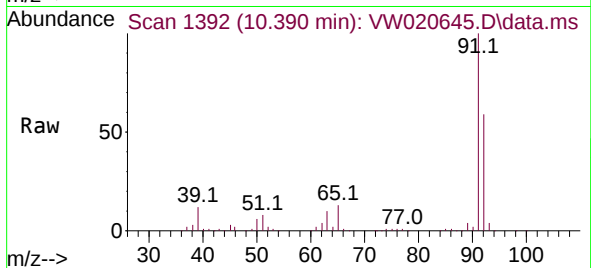
Acq: 20 Oct 2021 11:24

Tgt Ion: 91 Resp: 309364

Ion Ratio Lower Upper

91 100

92 58.9 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 19.891 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW020645.D

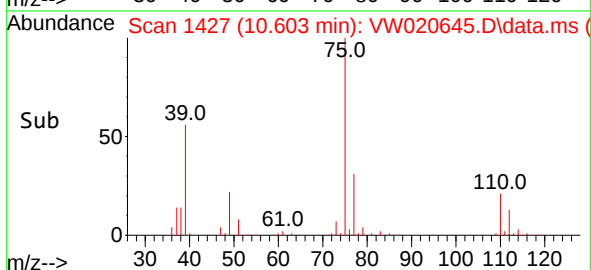
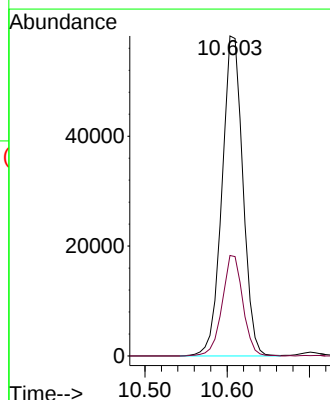
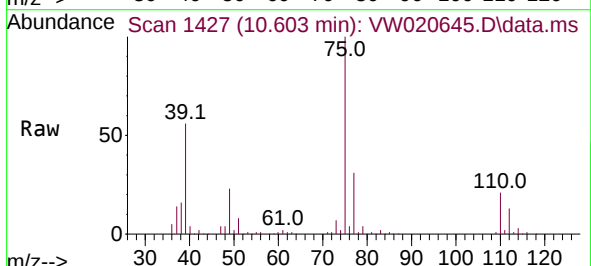
Acq: 20 Oct 2021 11:24

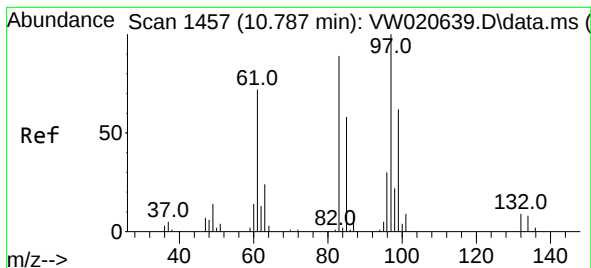
Tgt Ion: 75 Resp: 102567

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4

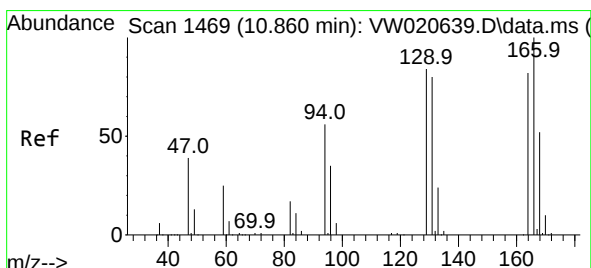
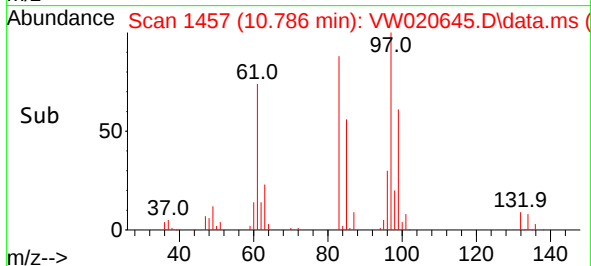
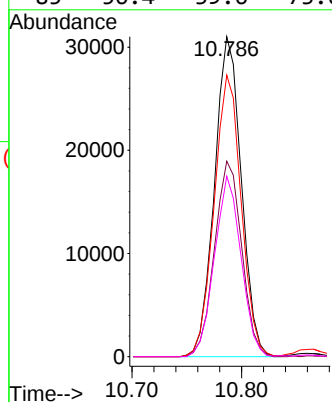
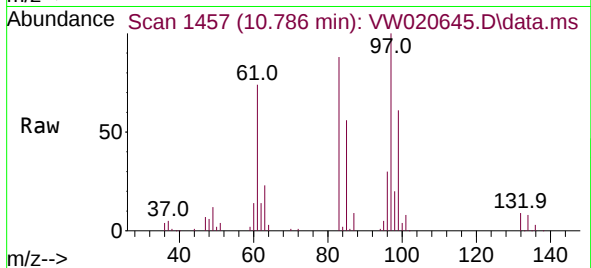




#45
1,1,2-Trichloroethane
Concen: 19.372 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

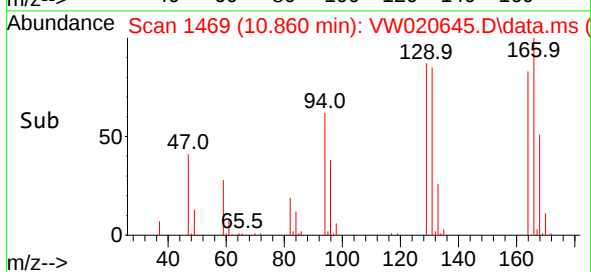
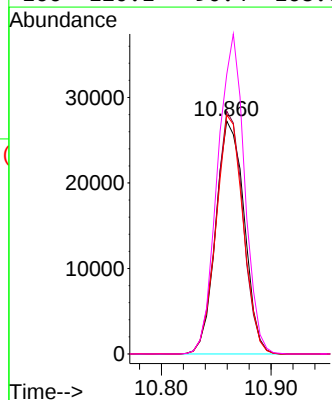
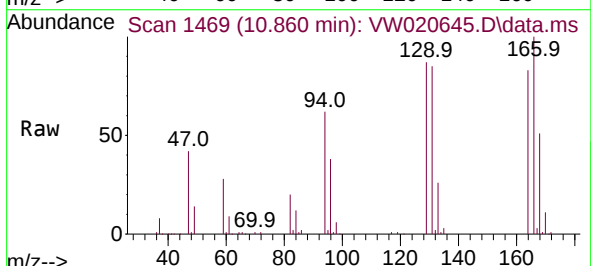
Instrument :
MSVOA_W
ClientSampled :

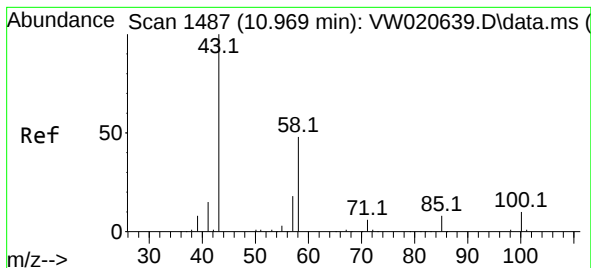
Tgt Ion:	97	Resp:	52734
Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.8	79.4
83	88.0	60.9	113.1
85	56.4	39.6	73.6



#46
Tetrachloroethene
Concen: 16.892 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion:	164	Resp:	48936
Ion	Ratio	Lower	Upper
164	100		
129	104.2	69.1	128.3
131	102.6	58.3	108.3
166	120.1	90.4	168.0

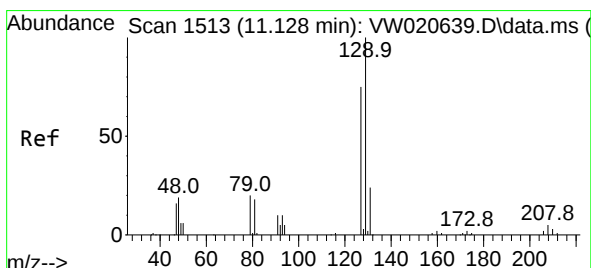
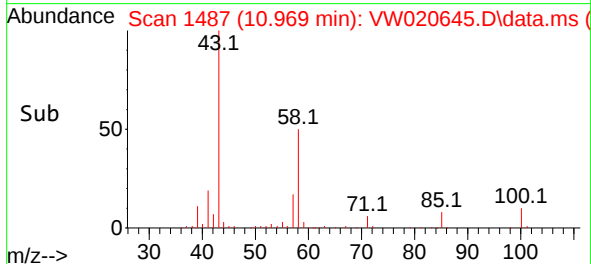
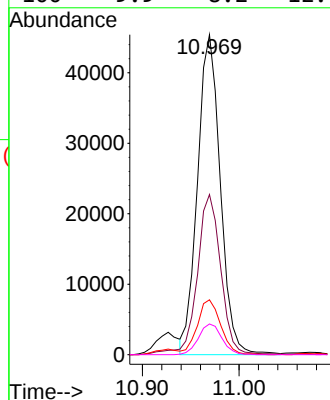
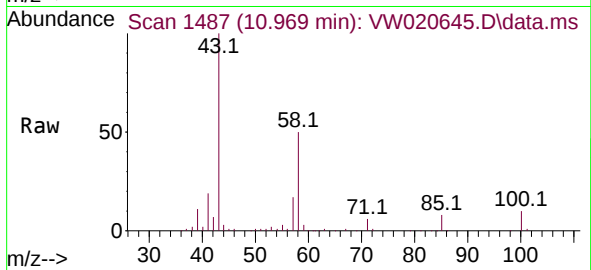




#48
2-Hexanone
Concen: 39.974 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

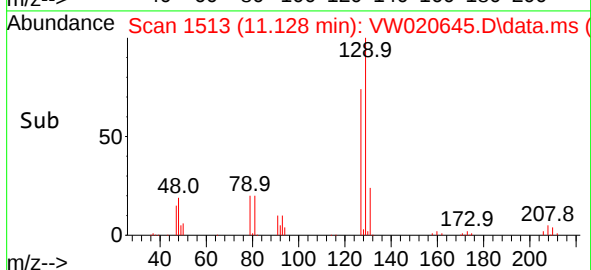
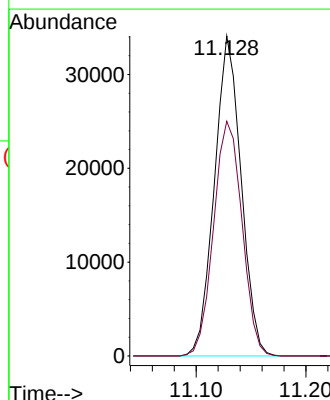
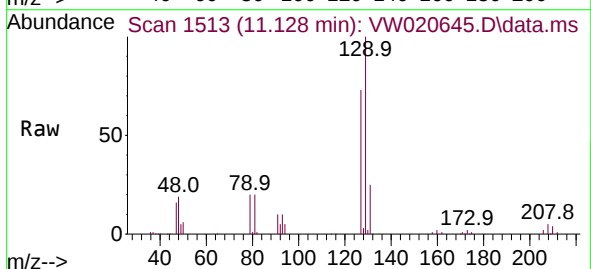
Instrument :
MSVOA_W
ClientSampled :

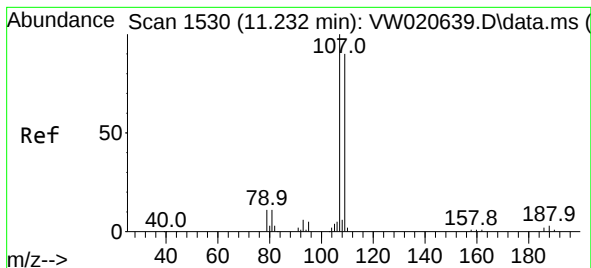
Tgt Ion:	43	Resp:	74630
Ion	Ratio	Lower	Upper
43	100		
58	49.8	39.5	59.3
57	17.6	14.2	21.4
100	9.9	8.2	12.4



#49
Dibromochloromethane
Concen: 19.270 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

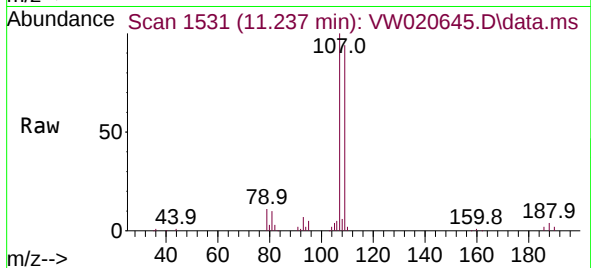
Tgt Ion:	129	Resp:	57791
Ion	Ratio	Lower	Upper
129	100		
127	73.3	55.1	102.3



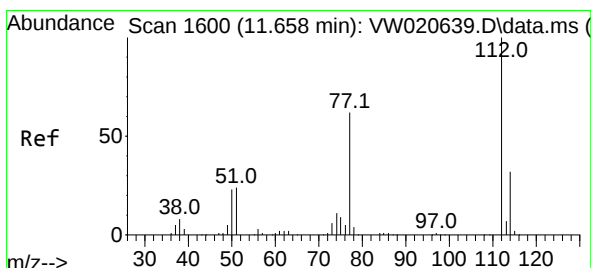
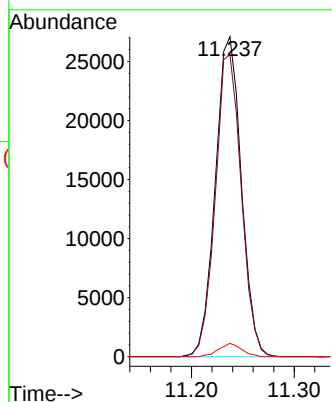
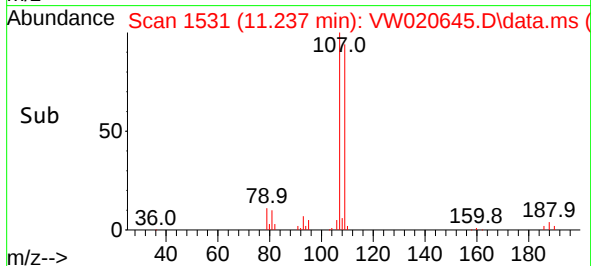


#50
1,2-Dibromoethane
Concen: 19.030 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

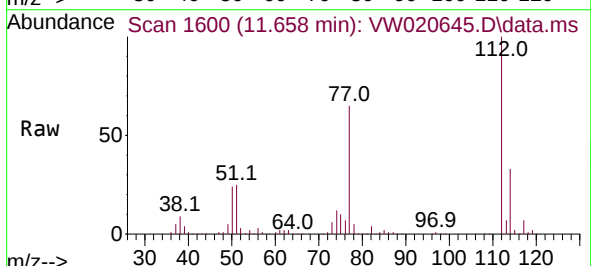
Instrument :
MSVOA_W
ClientSampled :



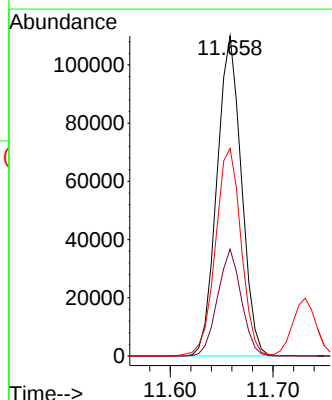
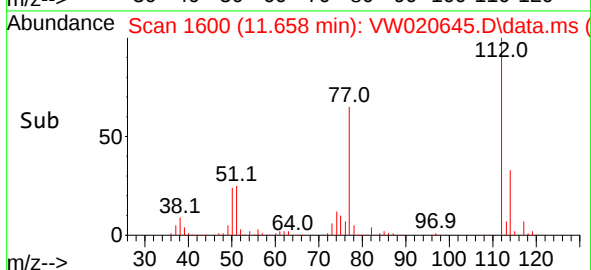
Tgt Ion:107 Resp: 47581
Ion Ratio Lower Upper
107 100
109 94.4 64.5 119.9
188 4.1 3.2 4.8

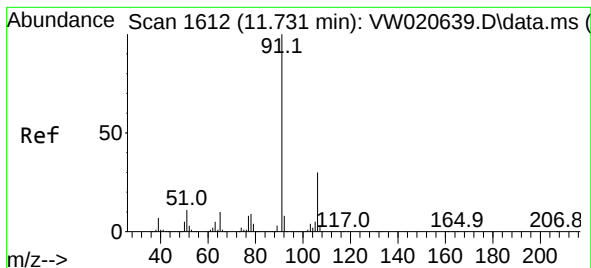


#51
Chlorobenzene
Concen: 17.948 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24



Tgt Ion:112 Resp: 181746
Ion Ratio Lower Upper
112 100
114 33.4 22.3 41.5
77 64.9 50.7 76.1

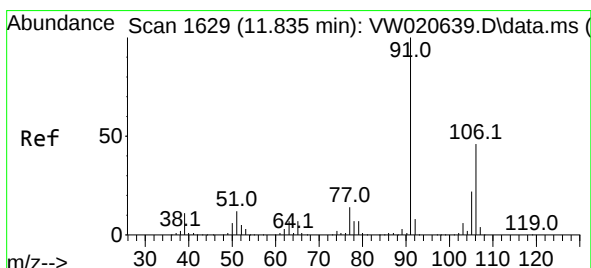
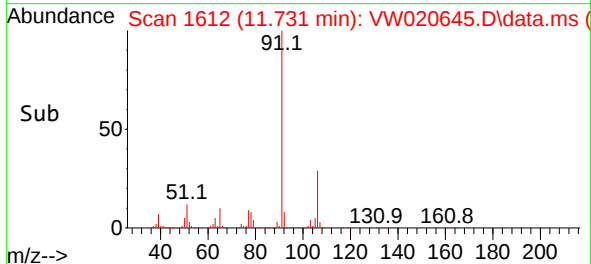
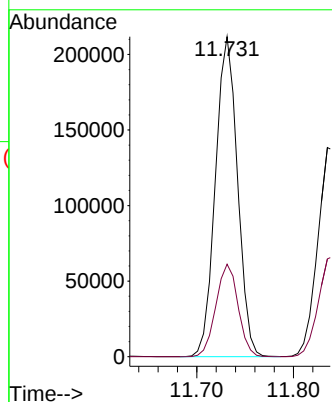
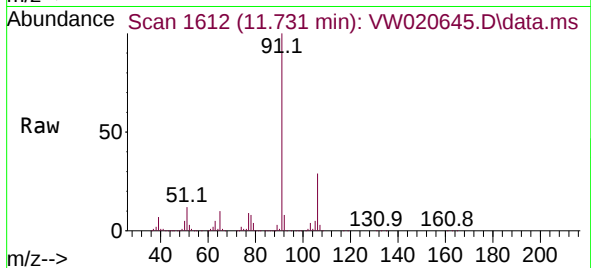




#52
Ethylbenzene
Concen: 18.861 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

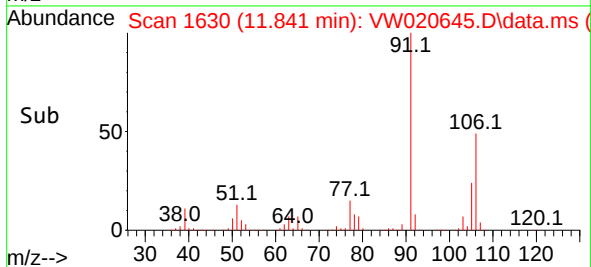
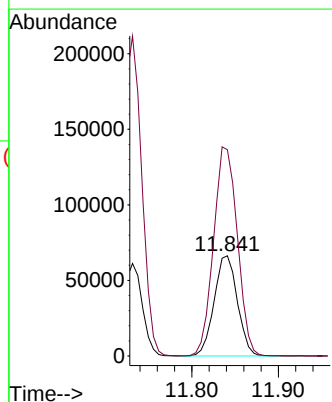
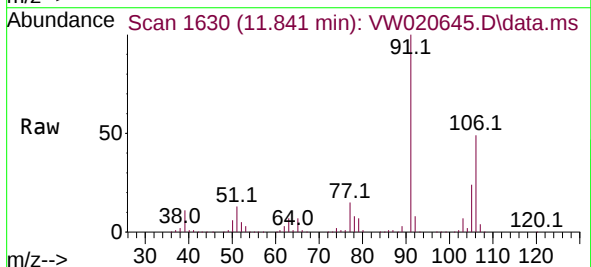
Instrument :
MSVOA_W
ClientSampled :

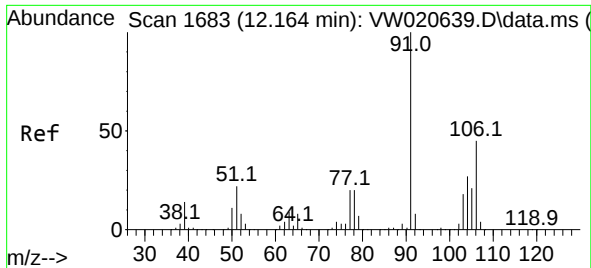
Tgt Ion: 91 Resp: 335857
Ion Ratio Lower Upper
91 100
106 28.9 21.3 39.5



#53
m,p-Xylene
Concen: 18.694 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion:106 Resp: 123339
Ion Ratio Lower Upper
106 100
91 206.0 148.2 275.2

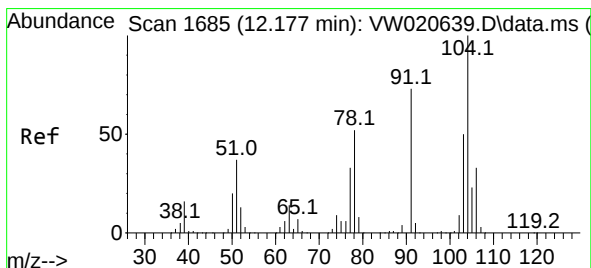
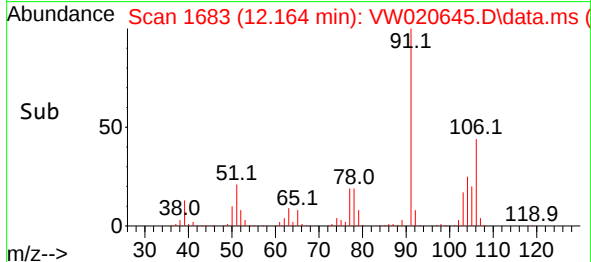
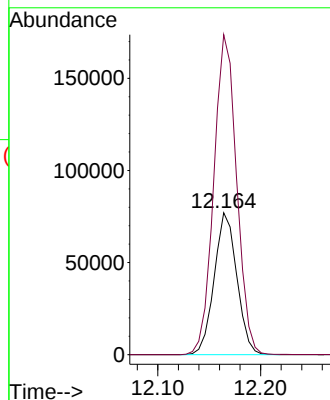
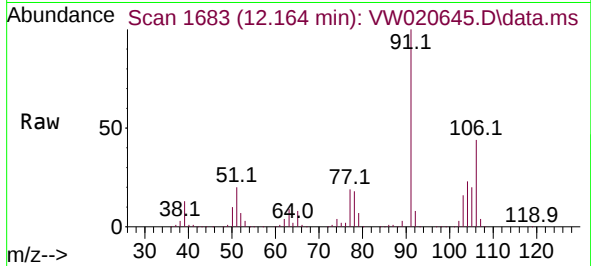




#54
o-Xylene
Concen: 19.323 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

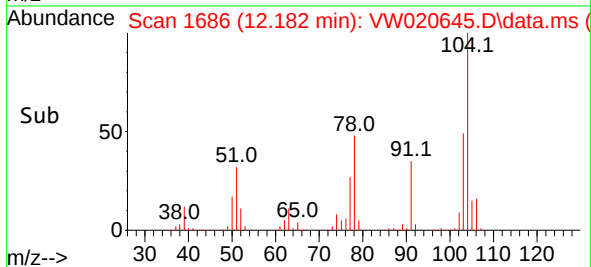
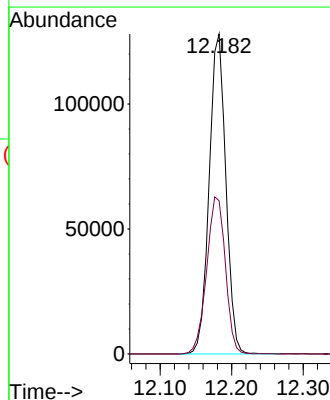
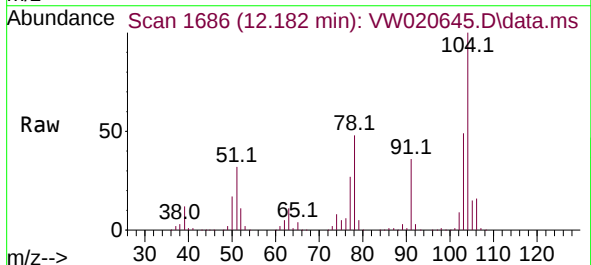
Instrument :
MSVOA_W
ClientSampled :

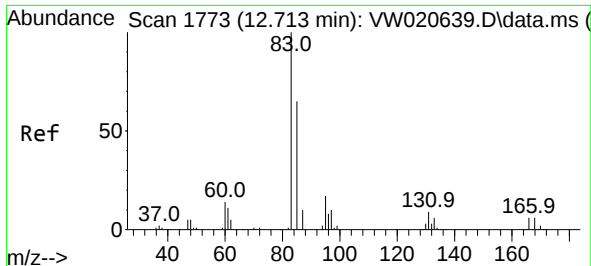
Tgt Ion:106 Resp: 117737
Ion Ratio Lower Upper
106 100
91 225.4 156.1 289.9



#55
Styrene
Concen: 19.457 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion:104 Resp: 207292
Ion Ratio Lower Upper
104 100
78 47.9 33.2 61.7

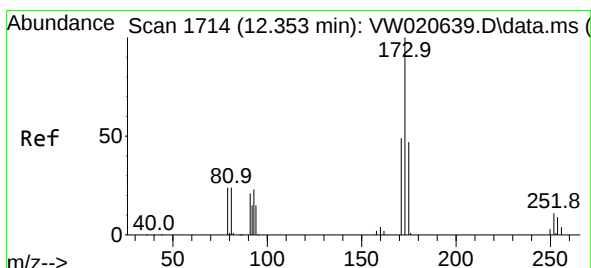
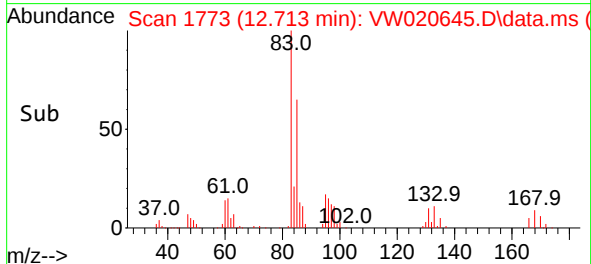
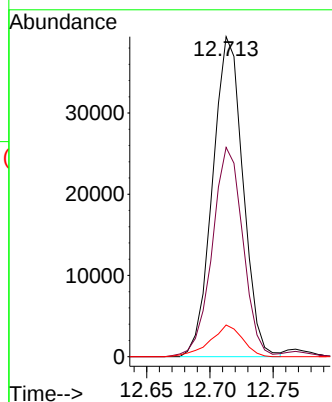
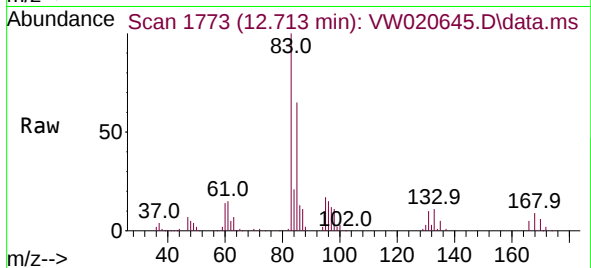




#57
1,1,2,2-Tetrachloroethane
Concen: 19.467 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

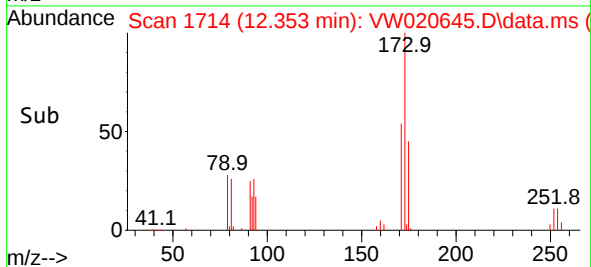
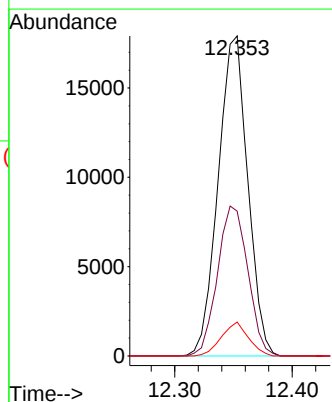
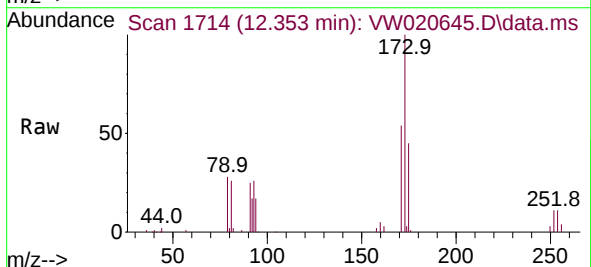
Instrument :
MSVOA_W
ClientSampled :

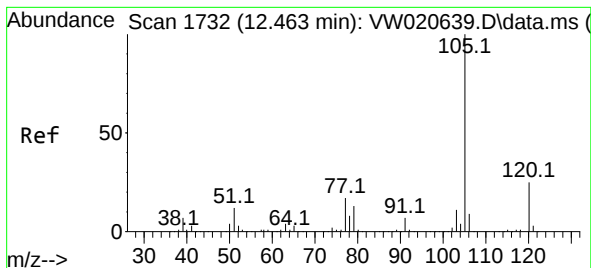
Tgt Ion: 83 Resp: 65691
Ion Ratio Lower Upper
83 100
85 65.4 45.9 85.3
131 9.9 7.4 11.2



#59
Bromoform
Concen: 18.770 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion:173 Resp: 31390
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 9.7 7.3 10.9

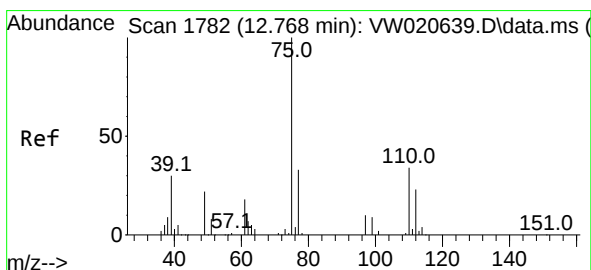
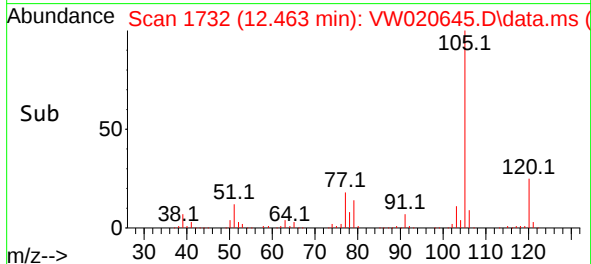
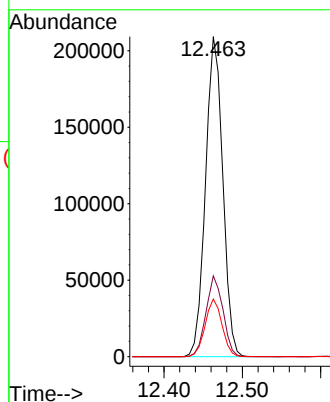
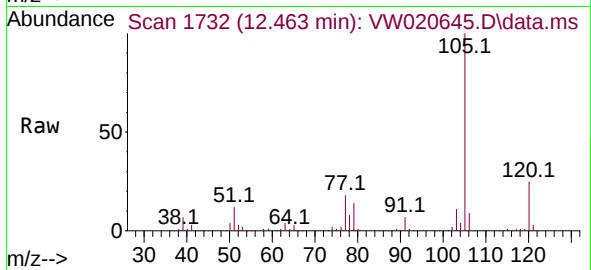




#60
Isopropylbenzene
Concen: 18.237 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

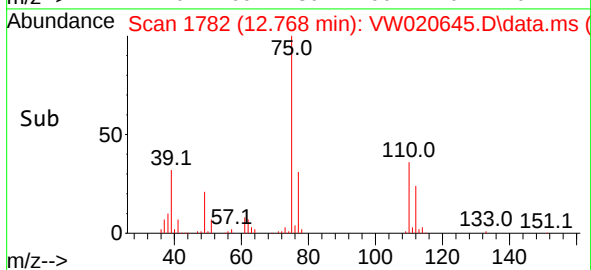
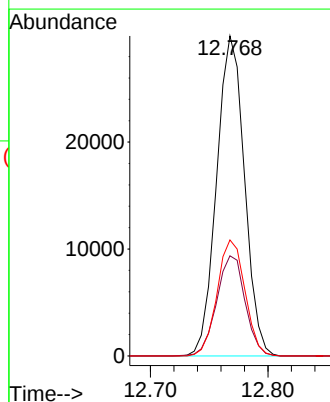
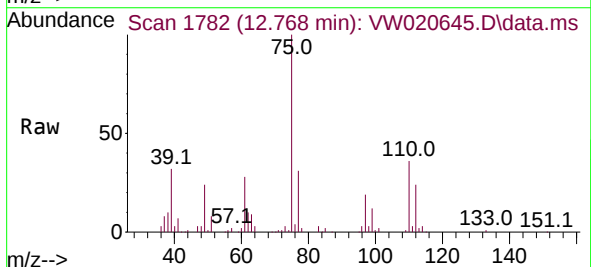
Instrument :
MSVOA_W
ClientSampled :

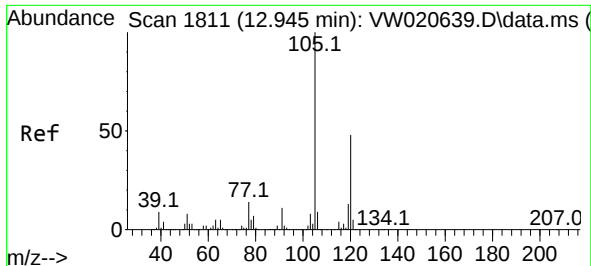
Tgt Ion:105 Resp: 319542
Ion Ratio Lower Upper
105 100
120 24.9 20.3 30.5
77 17.6 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 18.752 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion: 75 Resp: 49316
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
110 36.2 29.4 44.0

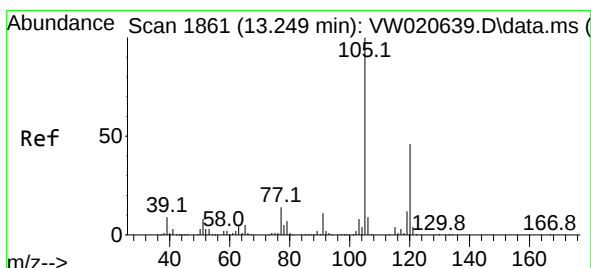
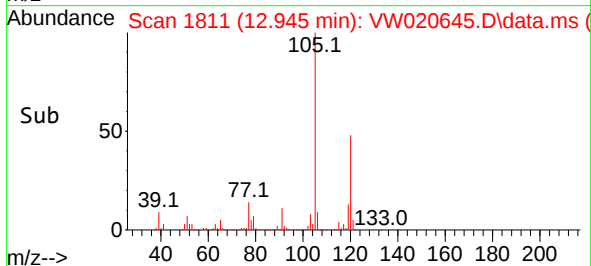
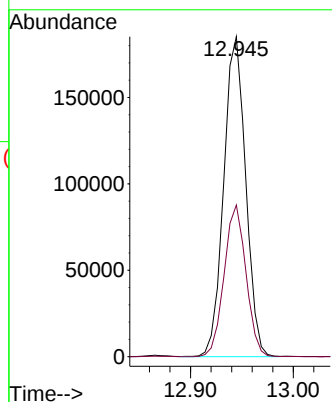
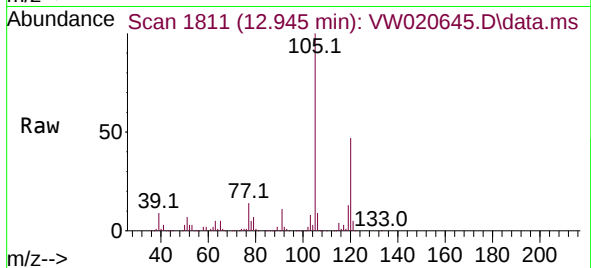




#62
1,3,5-Trimethylbenzene
Concen: 19.202 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

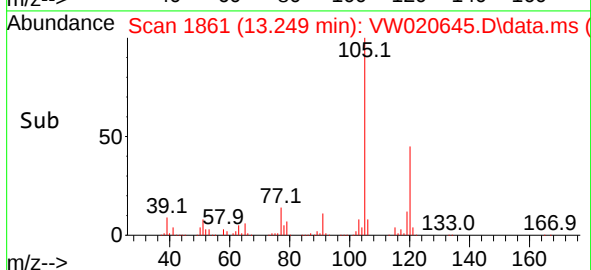
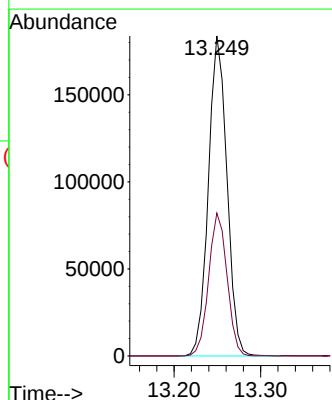
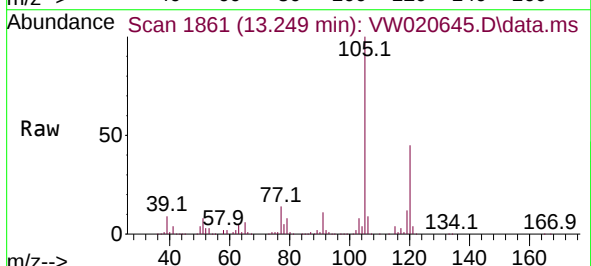
Instrument :
MSVOA_W
ClientSampleId :

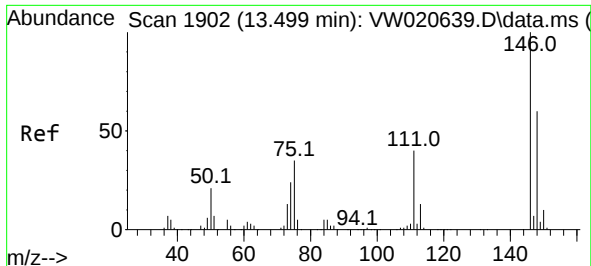
Tgt Ion:105 Resp: 274697
Ion Ratio Lower Upper
105 100
120 47.0 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 19.286 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion:105 Resp: 273295
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.2

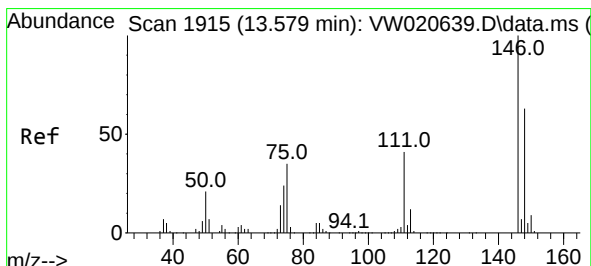
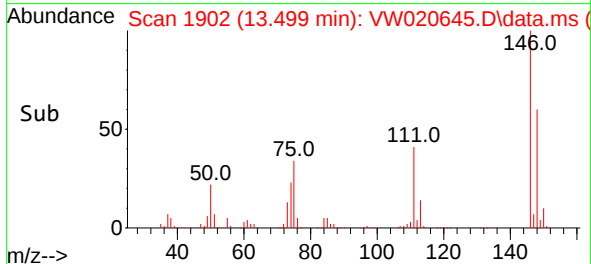
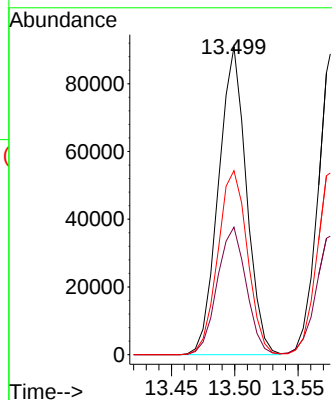
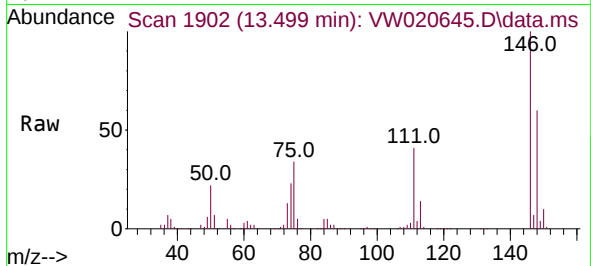




#64
1,3-Dichlorobenzene
Concen: 18.405 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

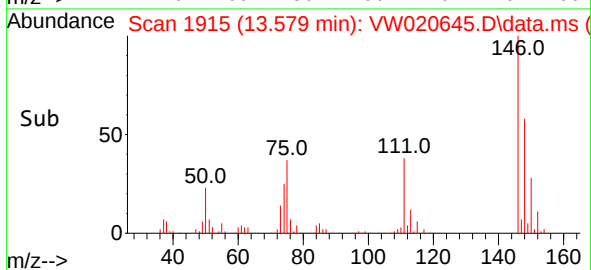
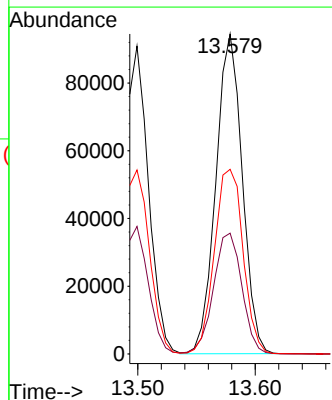
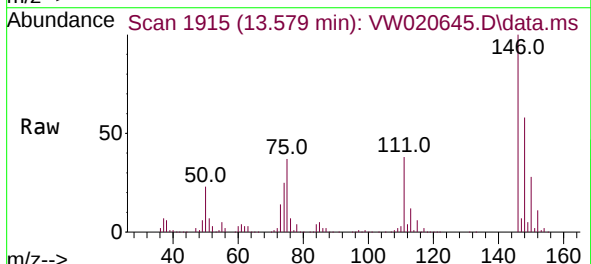
Instrument :
MSVOA_W
ClientSampled :

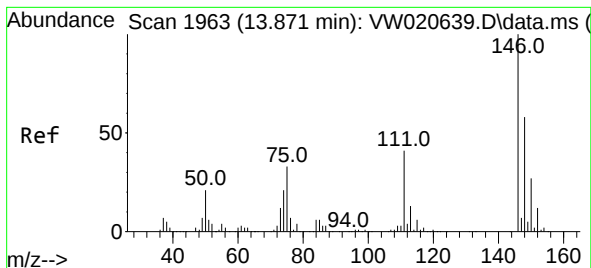
Tgt Ion:146 Resp: 139535
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.8
148 59.8 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 18.820 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion:146 Resp: 147576
Ion Ratio Lower Upper
146 100
111 37.8 30.9 57.5
148 57.7 46.1 85.7

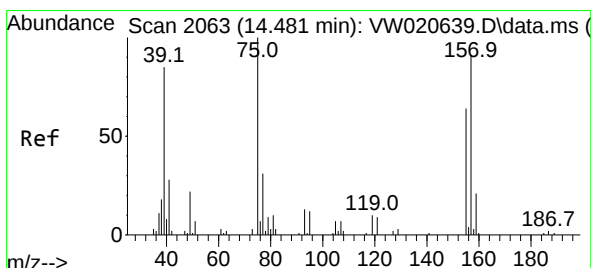
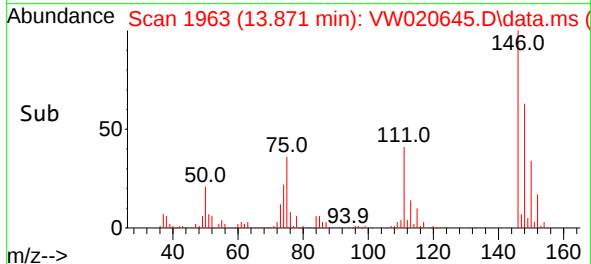
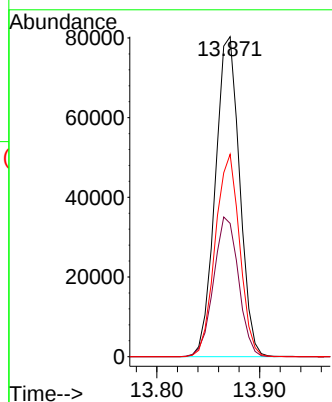
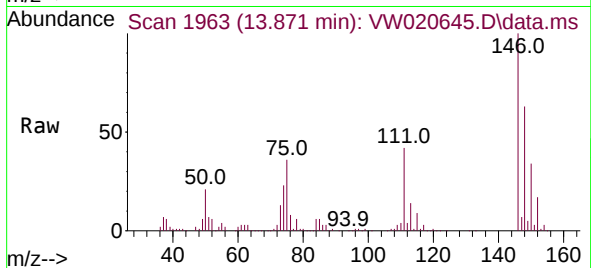




#67
1,2-Dichlorobenzene
Concen: 18.979 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

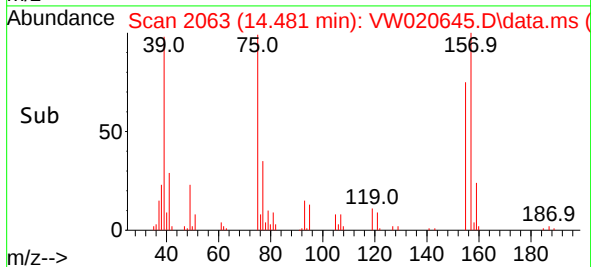
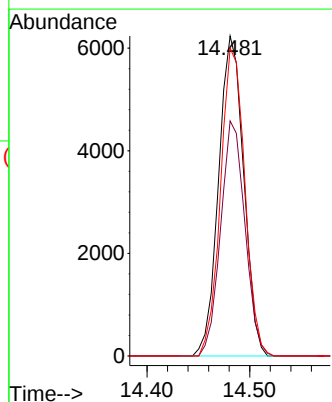
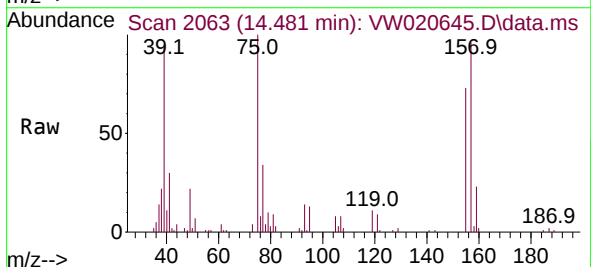
Instrument :
MSVOA_W
ClientSampled :

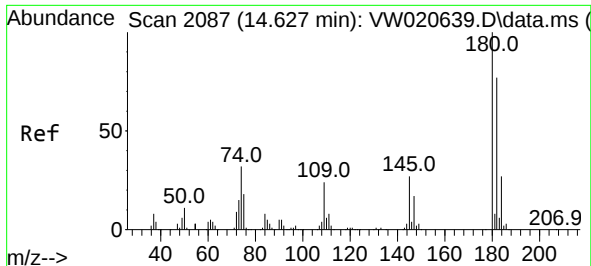
Tgt Ion:146 Resp: 131822
Ion Ratio Lower Upper
146 100
111 41.6 33.9 50.9
148 63.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 18.843 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

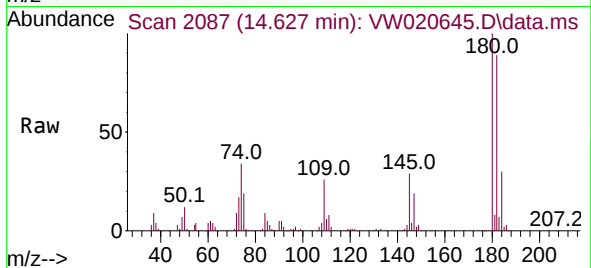
Tgt Ion: 75 Resp: 10526
Ion Ratio Lower Upper
75 100
155 73.5 51.4 77.0
157 96.2 70.8 106.2



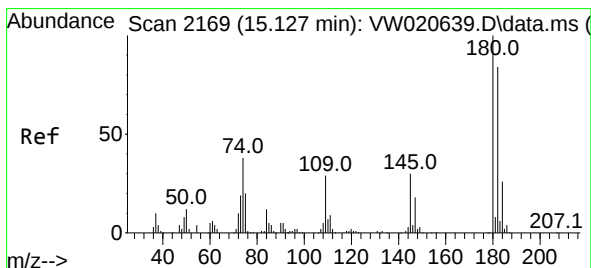
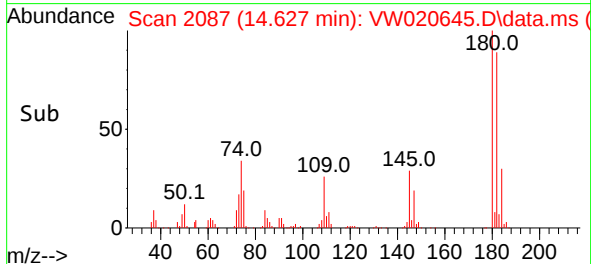
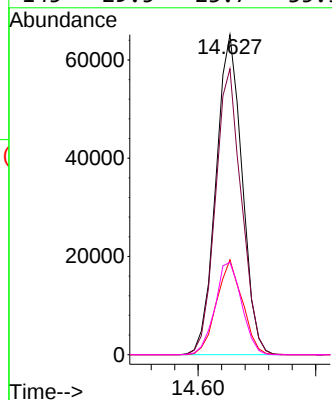


#69
1,3,5-Trichlorobenzene
Concen: 18.589 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

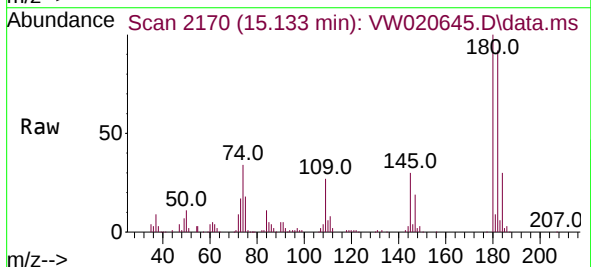
Instrument :
MSVOA_W
ClientSampled :



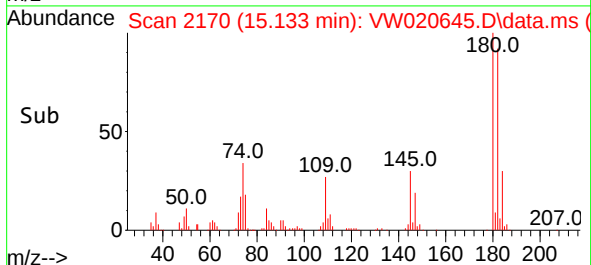
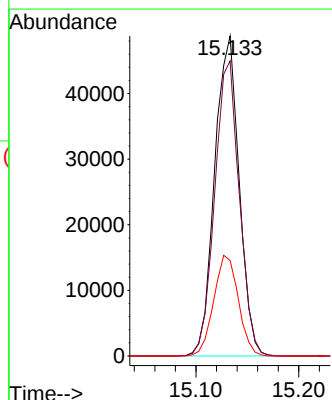
Tgt Ion:180 Resp: 100489
Ion Ratio Lower Upper
180 100
182 89.0 73.4 110.0
184 29.3 24.2 36.4
145 29.5 23.7 35.5

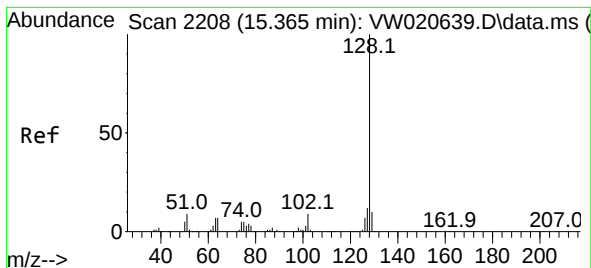


#70
1,2,4-trichlorobenzene
Concen: 18.825 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24



Tgt Ion:180 Resp: 80583
Ion Ratio Lower Upper
180 100
182 92.7 75.8 113.8
145 31.6 24.8 37.2

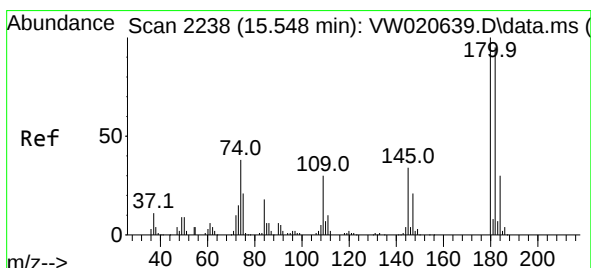
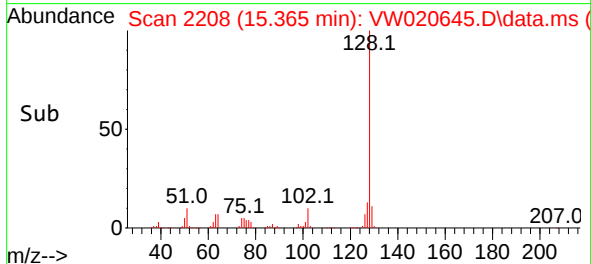
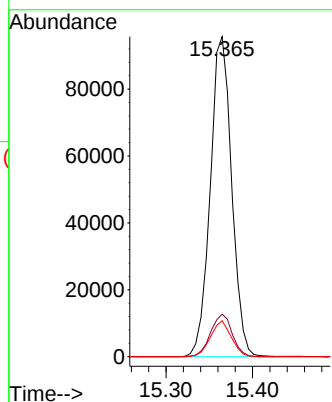
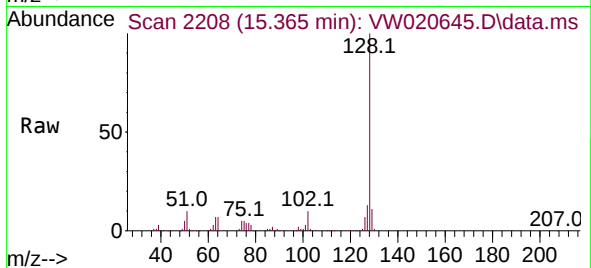




#71
Naphthalene
Concen: 21.340 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 164231
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 20.071 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020645.D
Acq: 20 Oct 2021 11:24

Tgt Ion:180 Resp: 75457
Ion Ratio Lower Upper
180 100
182 92.8 74.8 112.2
145 33.4 26.2 39.4

