

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072821\
 Data File : VW019633.D
 Acq On : 28 Jul 2021 09:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 01:05:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 28 00:48:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	435012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	207108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114217	18.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
7) Chloroethane-d5	2.891	69	91785	20.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.520%
11) 1,1-Dichloroethene-d2	4.031	63	238242	20.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.120%
21) 2-Butanone-d5	7.080	46	75642	42.283	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.560%
24) Chloroform-d	7.653	84	256679	21.355	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	8.305	65	139102	21.088	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.360%
32) Benzene-d6	8.275	84	493630	20.276	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.120%
36) 1,2-Dichloropropane-d6	9.274	67	154269	20.331	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.320%
41) Toluene-d8	10.323	98	445382	20.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.160%
43) trans-1,3-Dichloroprop...	10.579	79	65637	20.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.800%
47) 2-Hexanone-d5	10.926	63	61923	43.987	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	139121	22.690	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	153933	21.066	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	117518	22.679	ug/L	95
3) Chloromethane	2.215	50	111176	20.908	ug/L	99
5) Vinyl chloride	2.367	62	164502	22.477	ug/L	96
6) Bromomethane	2.788	94	92336	22.818	ug/L	99
8) Chloroethane	2.928	64	92545	23.757	ug/L	97
9) Trichlorofluoromethane	3.263	101	115191	25.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	132944	23.377	ug/L	95
12) 1,1-Dichloroethene	4.044	96	133649	23.533	ug/L	99
13) Acetone	4.129	43	72943	55.337	ug/L	87
14) Carbon disulfide	4.385	76	410289	22.561	ug/L	99
15) Methyl Acetate	4.672	43	63964	21.802	ug/L	100
16) Methylene chloride	4.921	84	152600	17.596	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	140767	22.793	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	181104	21.225	ug/L	96
19) 1,1-Dichloroethane	6.220	63	253491	22.356	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	146218	22.385	ug/L	99
22) 2-Butanone	7.171	43	93007	45.599	ug/L	99
23) Bromochloromethane	7.519	128	67256	22.862	ug/L	93
25) Chloroform	7.677	83	259305	23.118	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

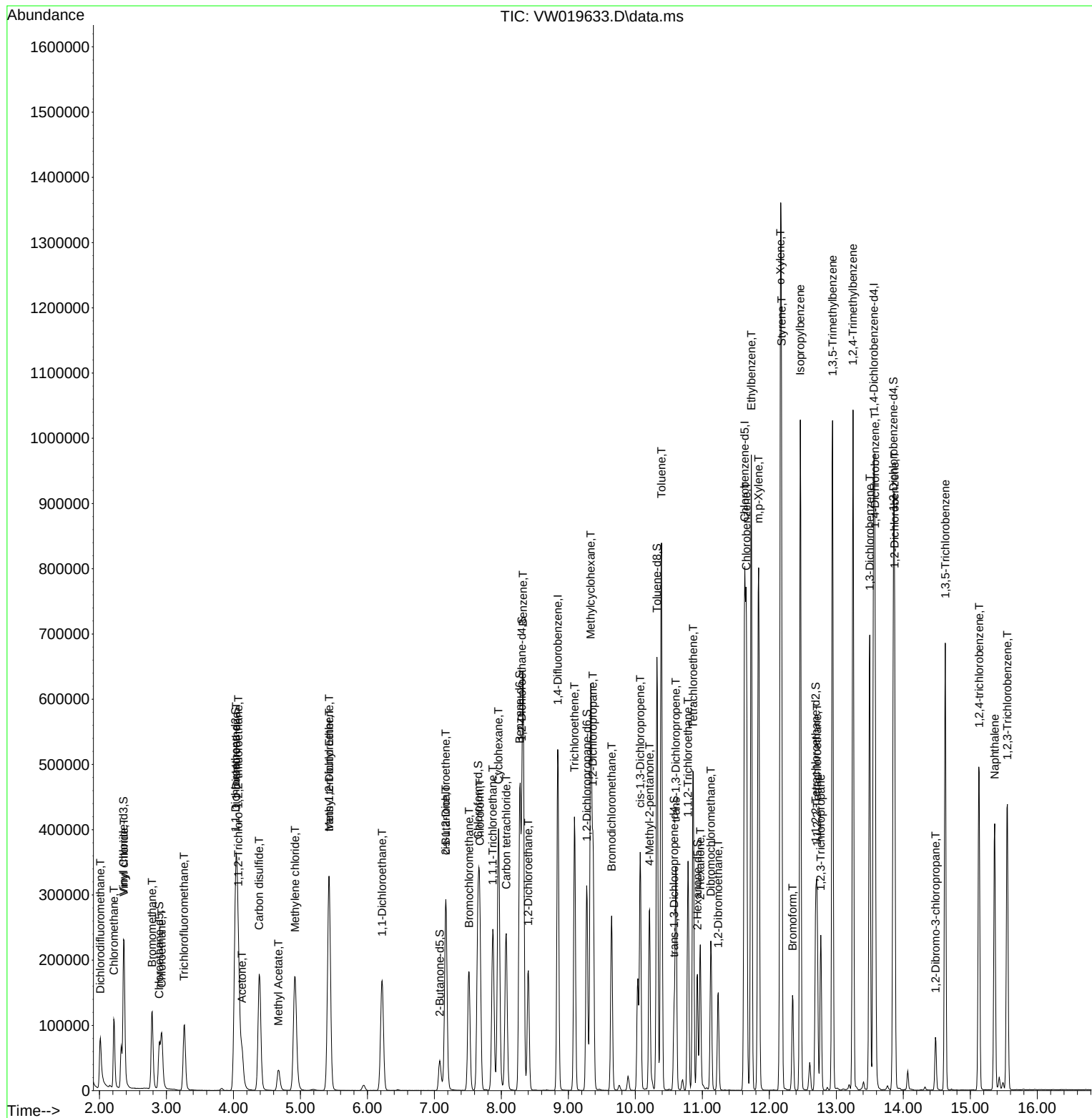
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	170287	22.565	ug/L	97
29) Cyclohexane	7.957	56	225586	21.509	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	201431	23.864	ug/L	98
31) Carbon tetrachloride	8.073	117	188023	23.942	ug/L	99
33) Benzene	8.323	78	585849	22.885	ug/L	100
34) Trichloroethene	9.091	95	148850	22.782	ug/L	95
35) Methylcyclohexane	9.335	83	257398	22.263	ug/L	96
37) 1,2-Dichloropropane	9.366	63	145413	22.415	ug/L	99
38) Bromodichloromethane	9.646	83	185310	23.037	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	220407	22.216	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	179397	43.814	ug/L	96
42) Toluene	10.390	91	628419	23.553	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	193975	22.228	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	111667	23.134	ug/L	98
46) Tetrachloroethene	10.866	164	116071	23.309	ug/L	98
48) 2-Hexanone	10.969	43	137378	49.262	ug/L	95
49) Dibromochloromethane	11.128	129	120834	23.278	ug/L	96
50) 1,2-Dibromoethane	11.237	107	104100	22.485	ug/L	95
51) Chlorobenzene	11.658	112	379556	22.622	ug/L	97
52) Ethylbenzene	11.731	91	675315	23.249	ug/L	96
53) m,p-Xylene	11.841	106	260151	23.699	ug/L	97
54) o-Xylene	12.164	106	237245	22.871	ug/L	97
55) Styrene	12.182	104	414872	23.082	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	134712	22.662	ug/L	99
59) Bromoform	12.347	173	69045	23.356	ug/L	98
60) Isopropylbenzene	12.463	105	649058	23.319	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	101606	22.395	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	543904	23.338	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	552999	23.549	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	282100	22.148	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	295977	23.517	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	260833	22.731	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	21552	21.769	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	202331	21.740	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	163625	21.029	ug/L	98
71) Naphthalene	15.365	128	341454	21.727	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	151450	21.734	ug/L	97

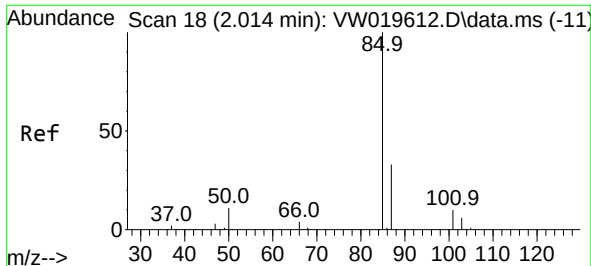
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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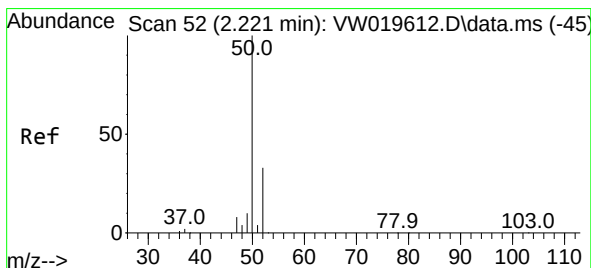
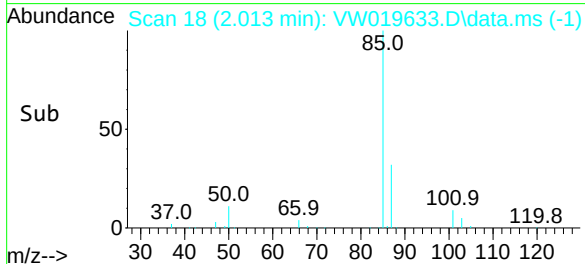
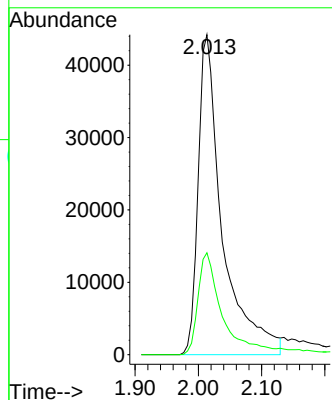
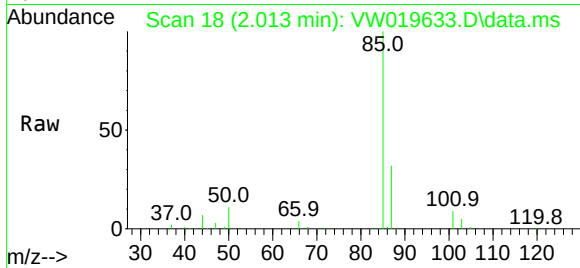




#2
 Dichlorodifluoromethane
 Concen: 22.679 ug/L
 RT: 2.013 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: VW019633.D
 Acq: 28 Jul 2021 09:49

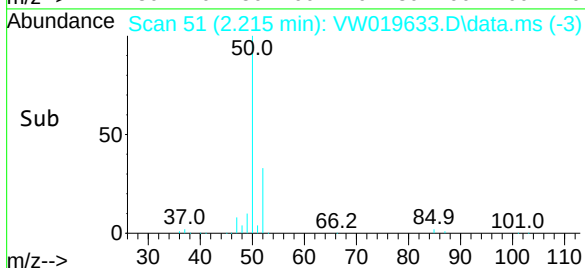
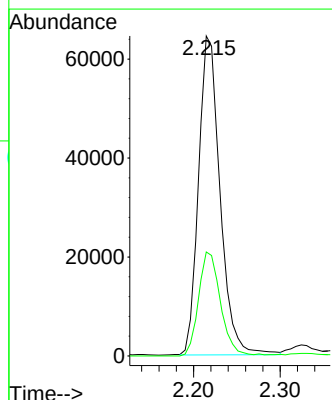
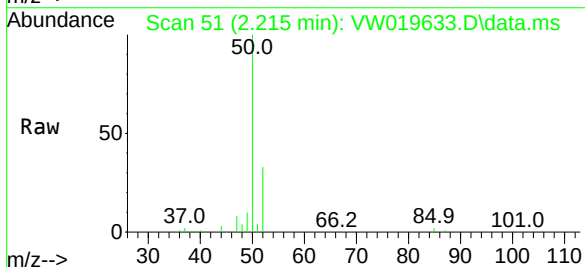
Instrument :
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 ClientSampled :

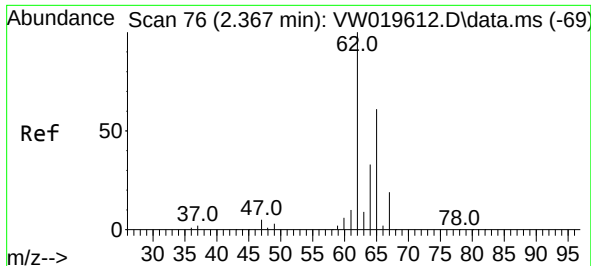
Tgt Ion: 85 Resp: 117518
 Ion Ratio Lower Upper
 85 100
 87 32.0 23.3 34.9



#3
 Chloromethane
 Concen: 20.908 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW019633.D
 Acq: 28 Jul 2021 09:49

Tgt Ion: 50 Resp: 111176
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

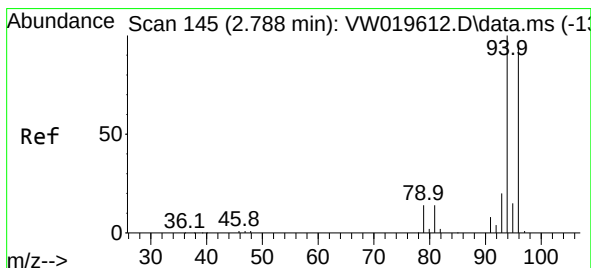
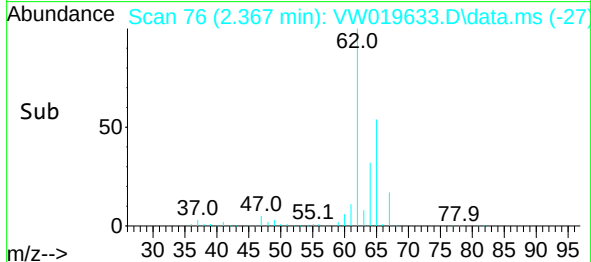
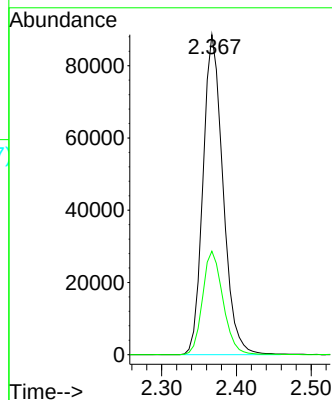
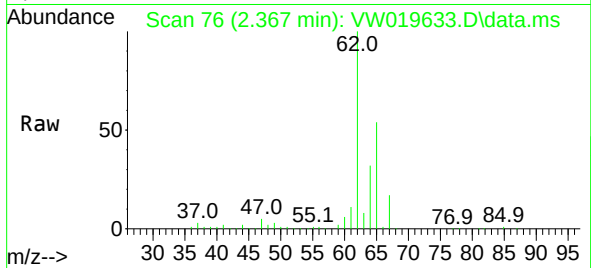




#5
 Vinyl chloride
 Concen: 22.477 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW019633.D
 Acq: 28 Jul 2021 09:49

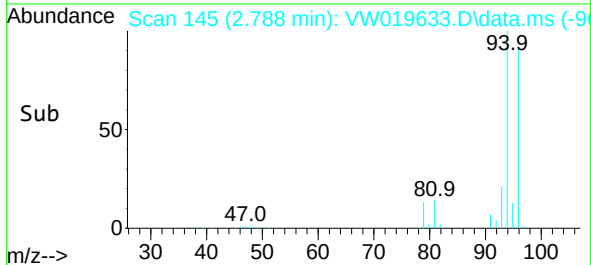
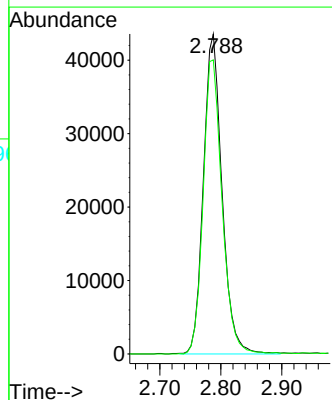
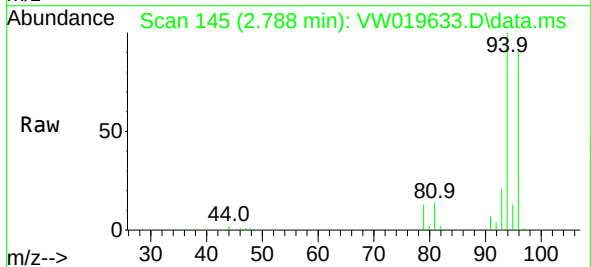
Instrument :
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 ClientSampled :

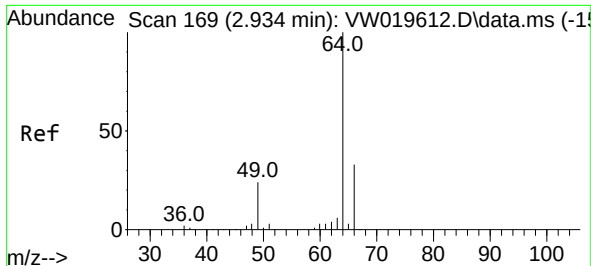
Tgt Ion: 62 Resp: 164502
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.2 45.0



#6
 Bromomethane
 Concen: 22.818 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW019633.D
 Acq: 28 Jul 2021 09:49

Tgt Ion: 94 Resp: 92336
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.3 121.3

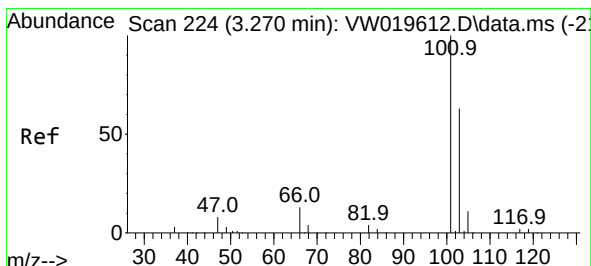
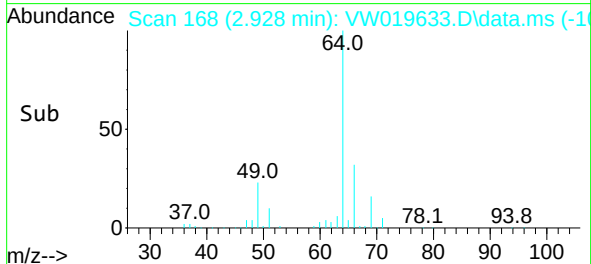
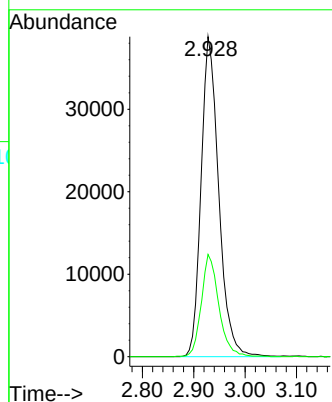
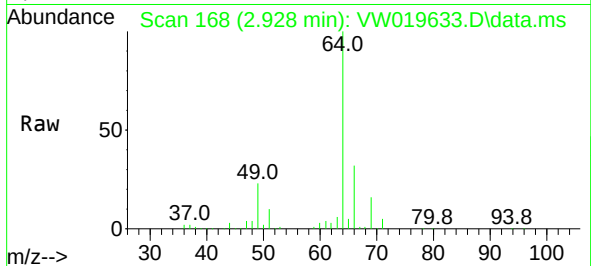




#8
Chloroethane
Concen: 23.757 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

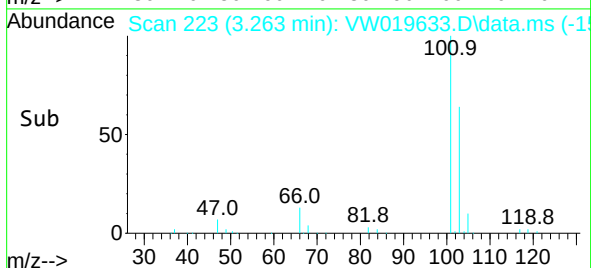
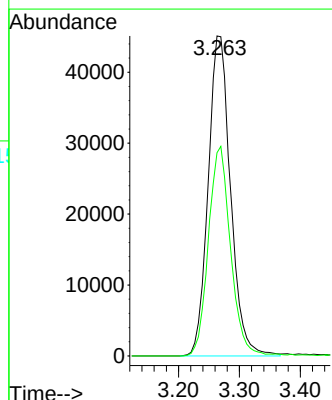
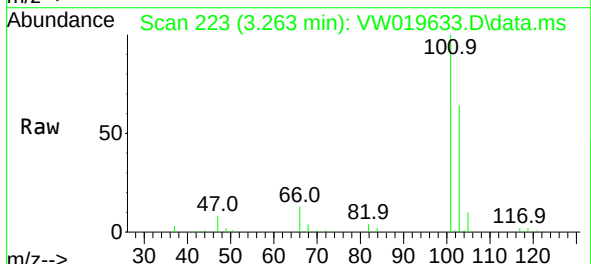
Instrument :
MSVOA_W
ClientSampled :

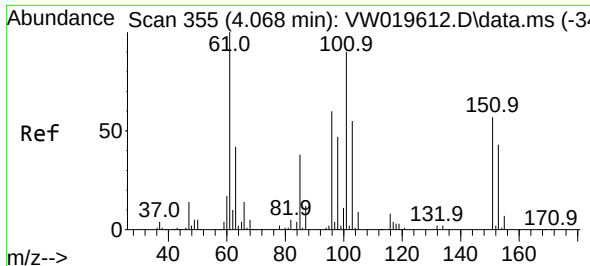
Tgt Ion: 64 Resp: 92545
Ion Ratio Lower Upper
64 100
66 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.909 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion:101 Resp: 115191
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

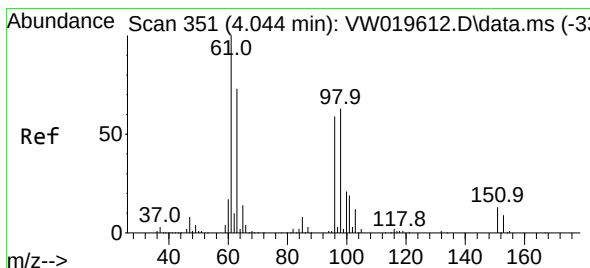
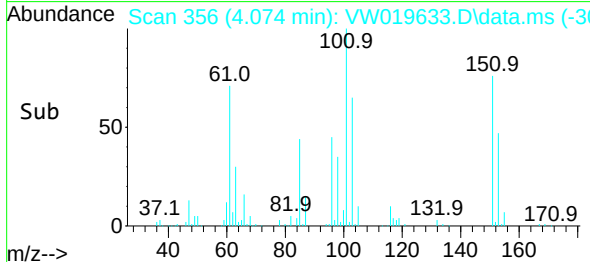
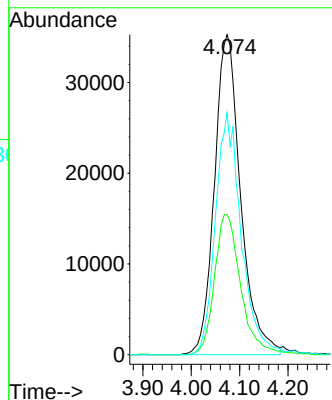
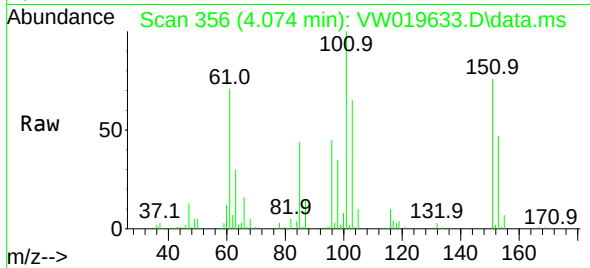




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.377 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

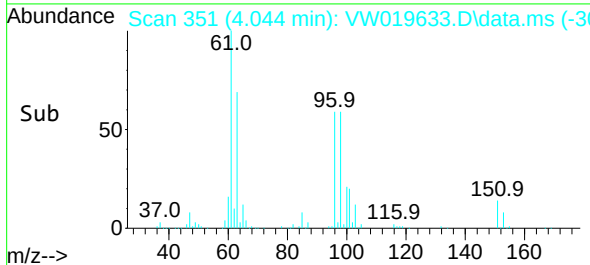
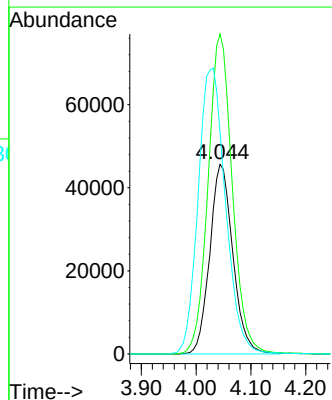
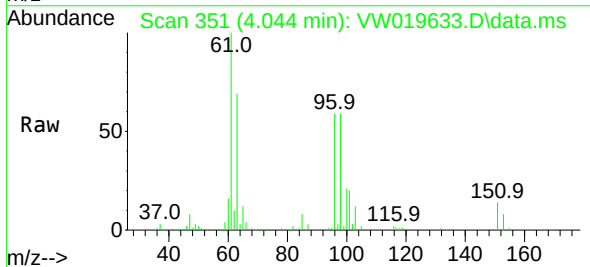
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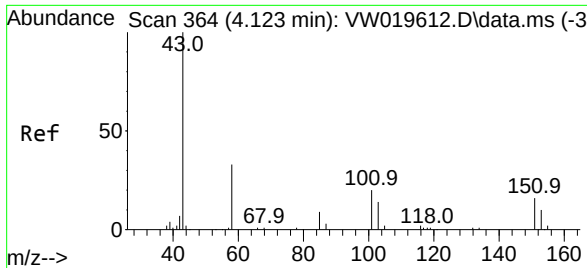
Tgt Ion:101 Resp: 132944
Ion Ratio Lower Upper
101 100
85 43.8 38.2 57.2
151 74.6 56.6 85.0



#12
1,1-Dichloroethene
Concen: 23.533 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 96 Resp: 133649
Ion Ratio Lower Upper
96 100
61 168.7 118.1 219.3
63 116.9 83.7 155.5

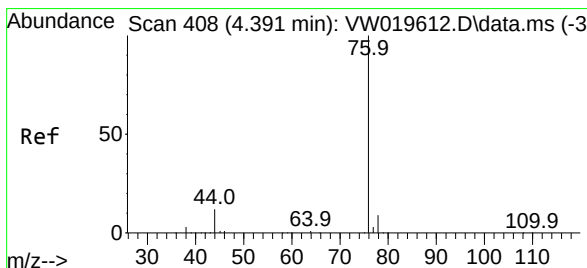
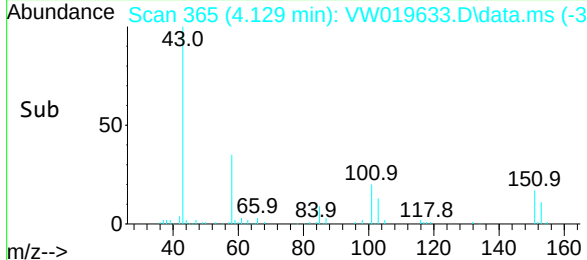
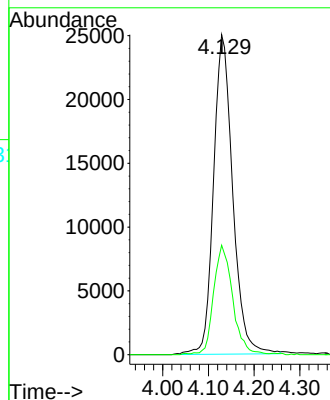
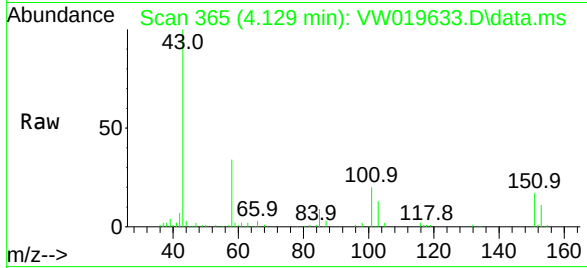




#13
Acetone
Concen: 55.337 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

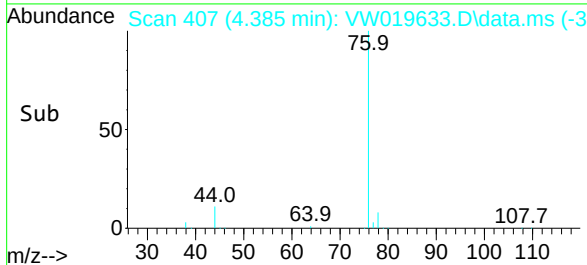
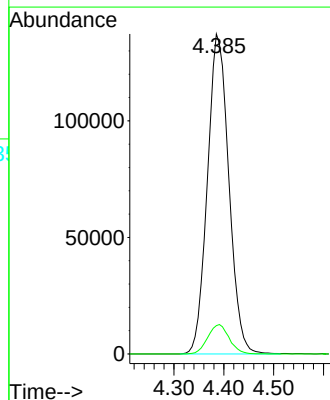
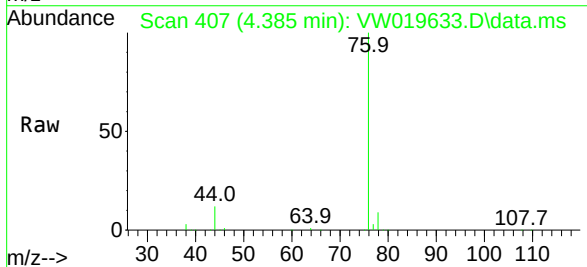
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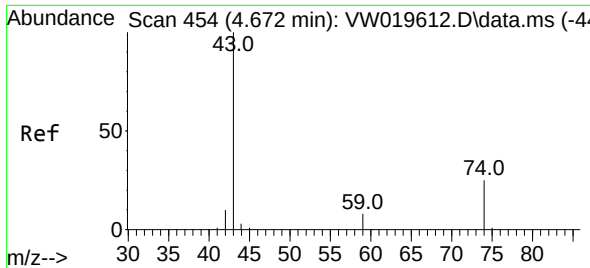
Tgt Ion: 43 Resp: 72943
Ion Ratio Lower Upper
43 100
58 33.9 0.0 53.8



#14
Carbon disulfide
Concen: 22.561 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 410289
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

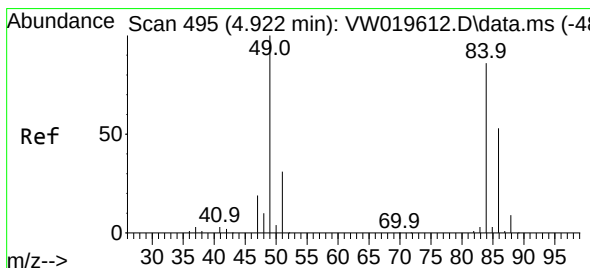
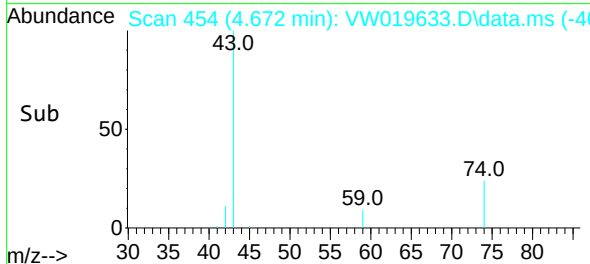
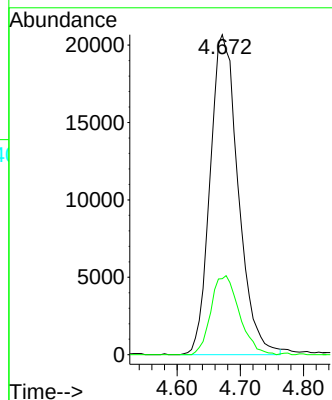
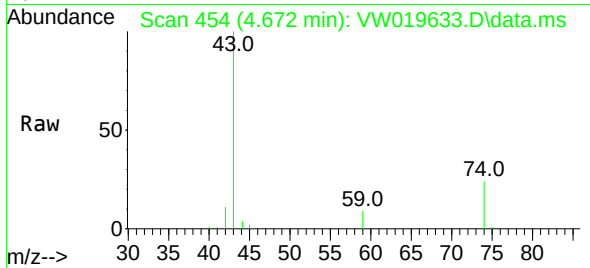




#15
Methyl Acetate
Concen: 21.802 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

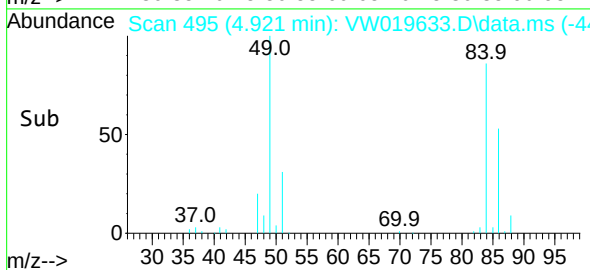
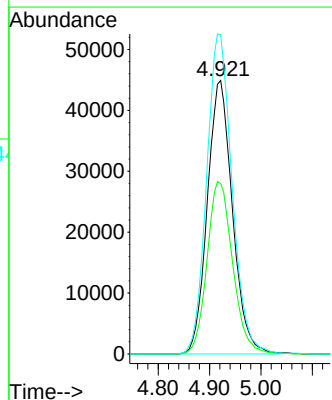
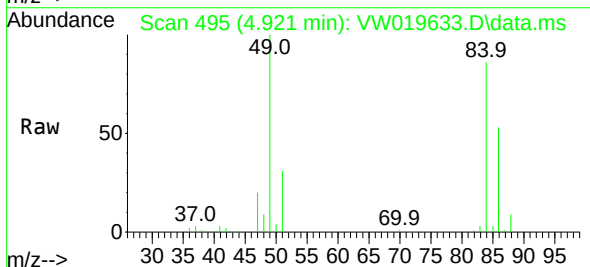
Instrument :
MSVOA_W
ClientSampled :

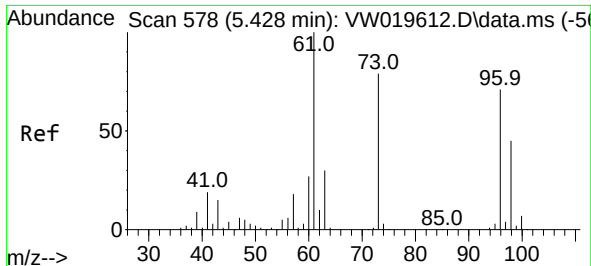
Tgt Ion: 43 Resp: 63964
Ion Ratio Lower Upper
43 100
74 24.8 20.0 30.0



#16
Methylene chloride
Concen: 17.596 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 84 Resp: 152600
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 116.8 86.6 160.8





#17

trans-1,2-Dichloroethene

Concen: 22.793 ug/L

RT: 5.427 min Scan# 578

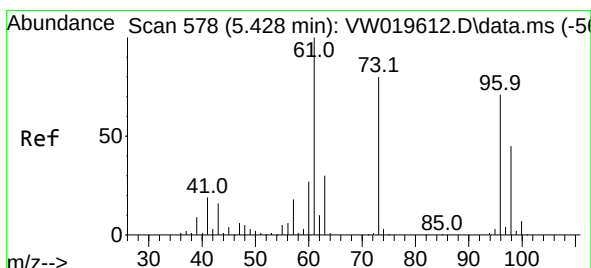
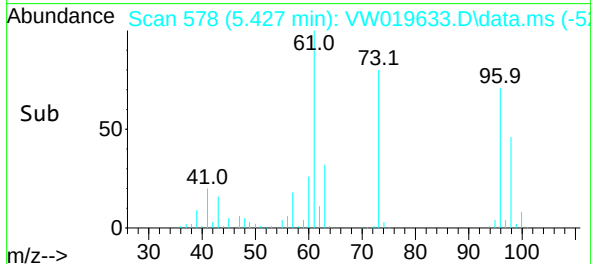
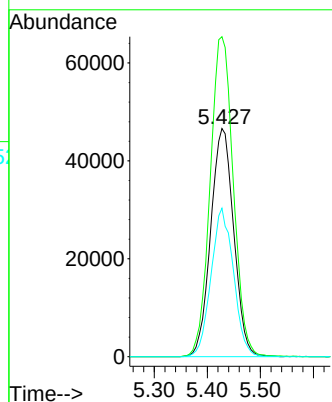
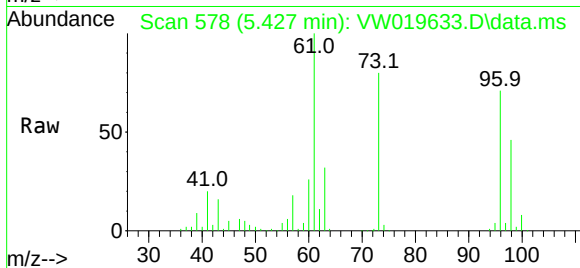
Delta R.T. -0.000 min

Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

Tgt Ion: 96 Resp: 140767

Ion	Ratio	Lower	Upper
96	100		
61	140.2	98.3	182.7
98	65.1	46.1	85.7



#18

Methyl tert-butyl Ether

Concen: 21.225 ug/L

RT: 5.427 min Scan# 578

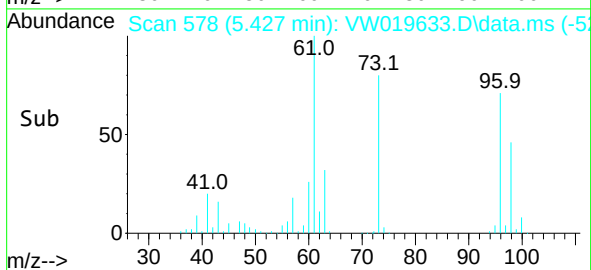
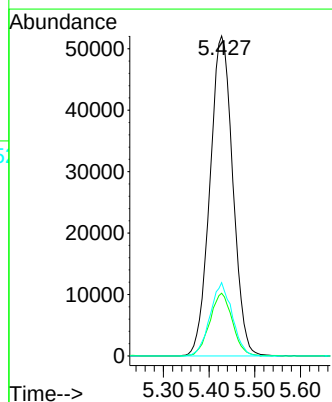
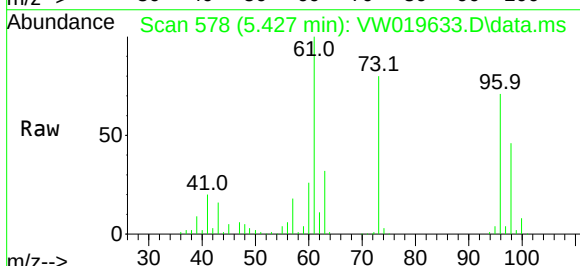
Delta R.T. -0.000 min

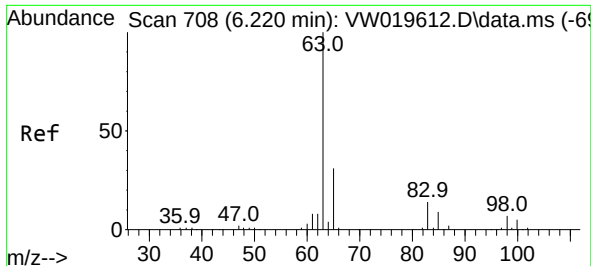
Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

Tgt Ion: 73 Resp: 181104

Ion	Ratio	Lower	Upper
73	100		
43	19.4	17.7	26.5
57	22.2	17.0	25.4





#19

1,1-Dichloroethane

Concen: 22.356 ug/L

RT: 6.220 min Scan# 708

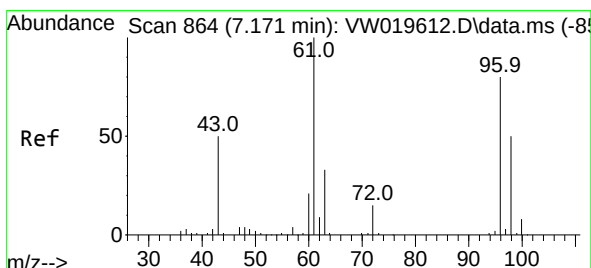
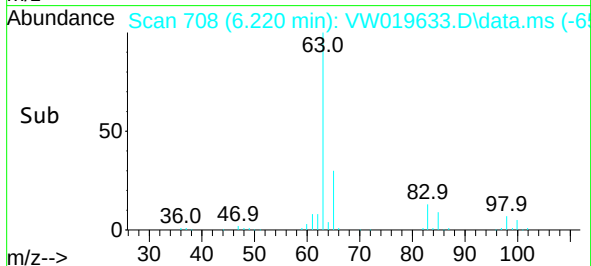
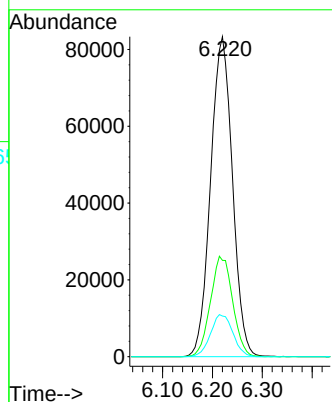
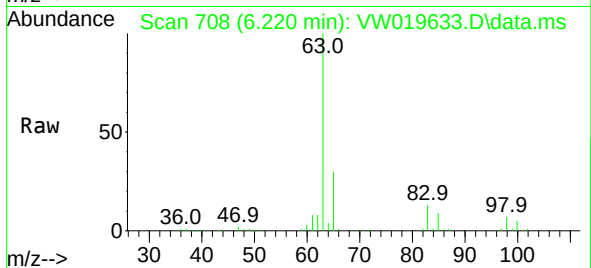
Delta R.T. -0.000 min

Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

Tgt Ion:	63	Resp:	253491
Ion	Ratio	Lower	Upper
63	100		
65	30.1	22.9	42.5
83	12.7	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 22.385 ug/L

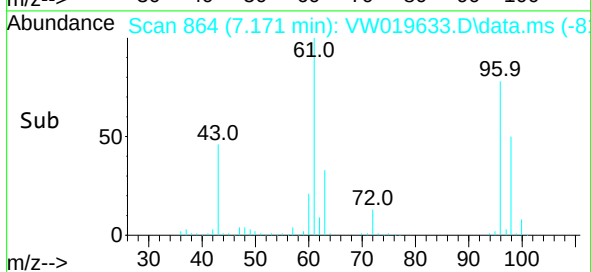
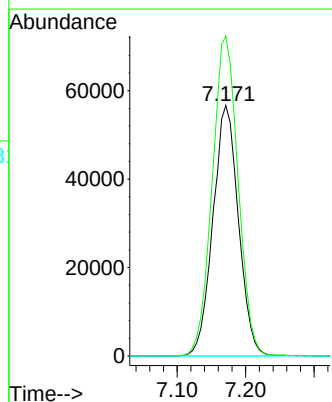
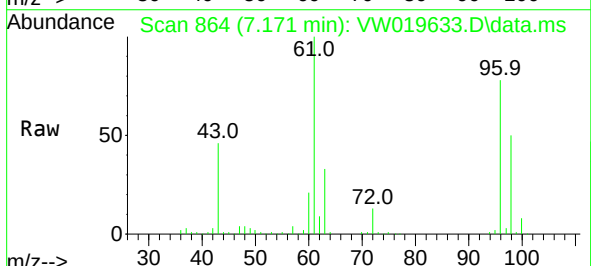
RT: 7.171 min Scan# 864

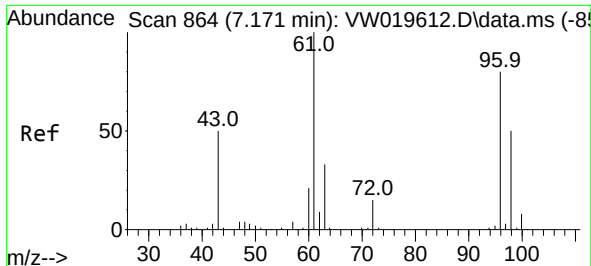
Delta R.T. -0.000 min

Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

Tgt Ion:	96	Resp:	146218
Ion	Ratio	Lower	Upper
96	100		
61	127.7	88.5	164.3
68	0.0	0.0	0.0

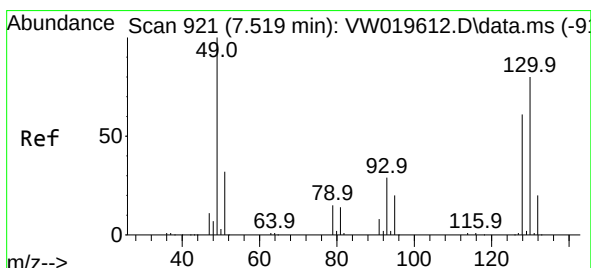
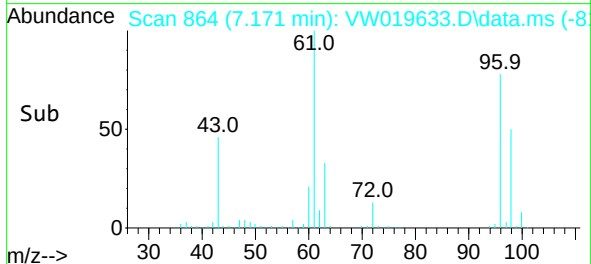
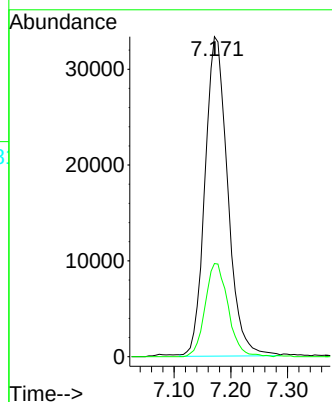
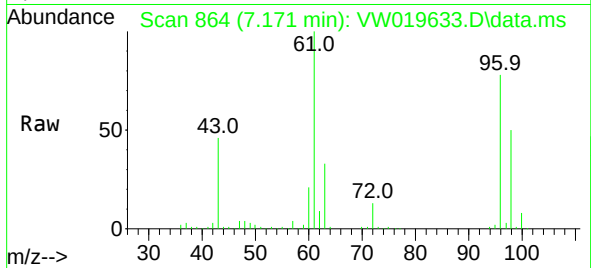




#22
2-Butanone
Concen: 45.599 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

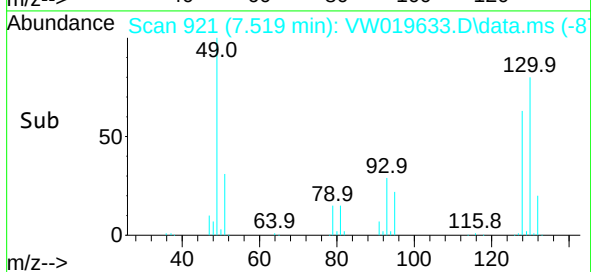
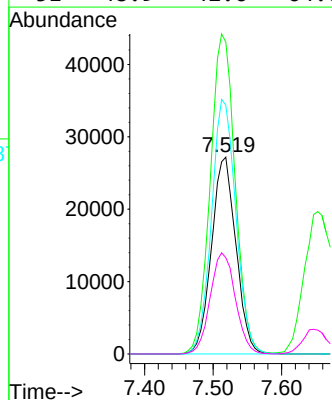
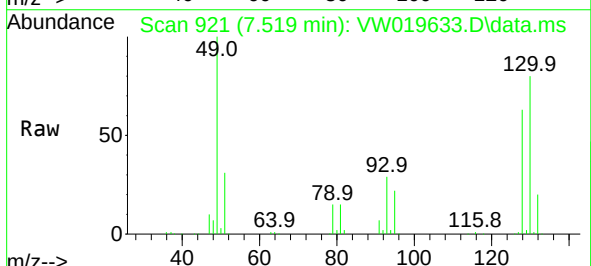
Instrument :
MSVOA_W
ClientSampled :

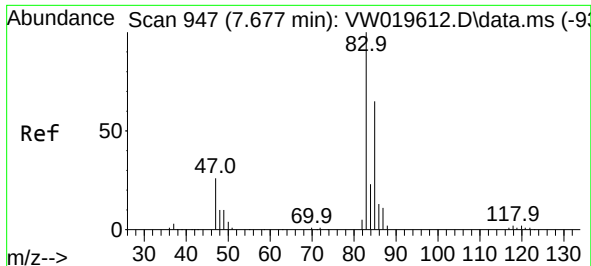
Tgt Ion: 43 Resp: 93007
Ion Ratio Lower Upper
43 100
72 29.3 14.9 44.7



#23
Bromochloromethane
Concen: 22.862 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 128 Resp: 67256
Ion Ratio Lower Upper
128 100
49 158.5 116.3 215.9
130 126.4 82.4 153.0
51 48.9 42.6 64.0

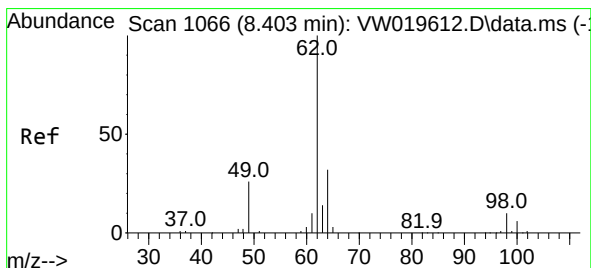
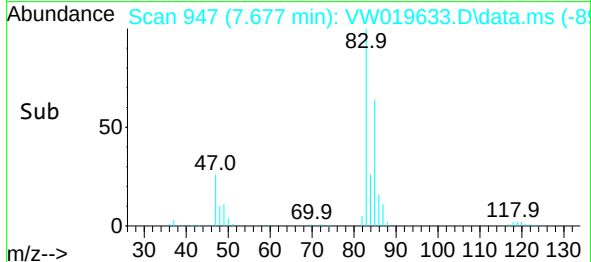
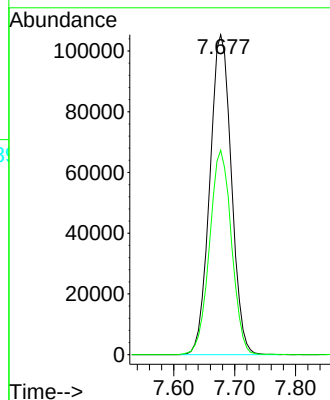
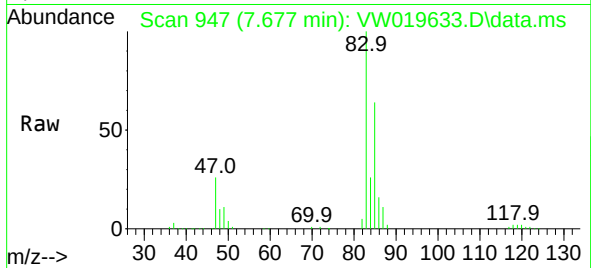




#25
Chloroform
Concen: 23.118 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

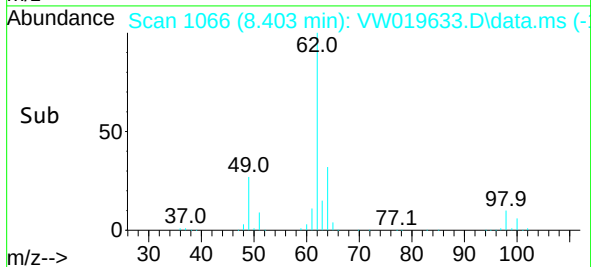
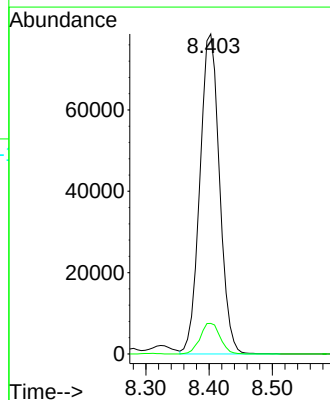
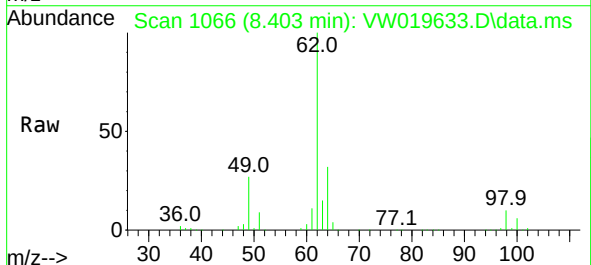
Instrument :
MSVOA_W
ClientSampled :

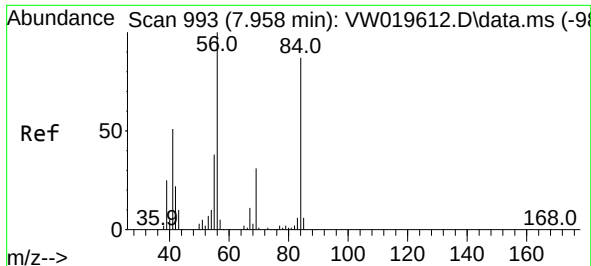
Tgt Ion: 83 Resp: 259305
Ion Ratio Lower Upper
83 100
85 63.9 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.565 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 62 Resp: 170287
Ion Ratio Lower Upper
62 100
98 9.6 6.9 10.3





#29

Cyclohexane

Concen: 21.509 ug/L

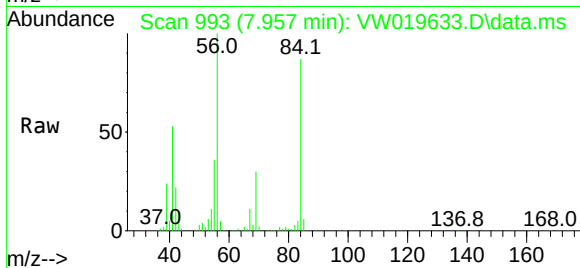
RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

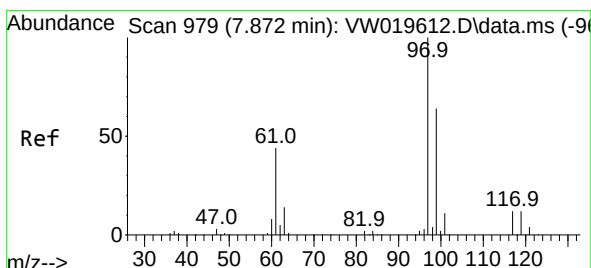
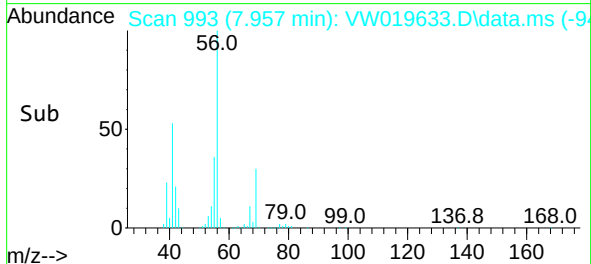
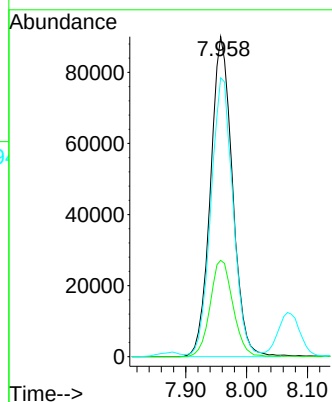
Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	56	Resp:	225586
Ion Ratio	Lower	Upper	
56	100		
69	31.3	24.5	36.7
84	87.9	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 23.864 ug/L

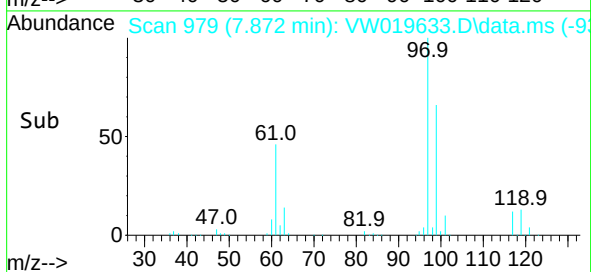
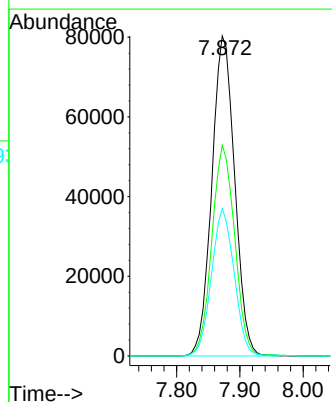
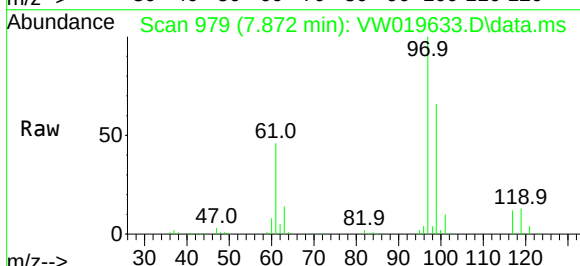
RT: 7.872 min Scan# 979

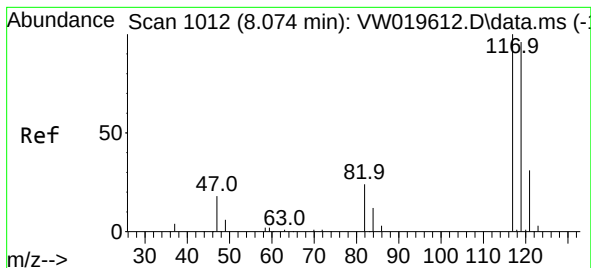
Delta R.T. -0.000 min

Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

Tgt Ion:	97	Resp:	201431
Ion Ratio	Lower	Upper	
97	100		
99	65.6	51.4	77.2
61	45.6	37.8	56.6

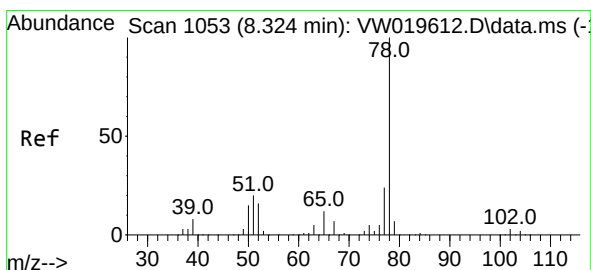
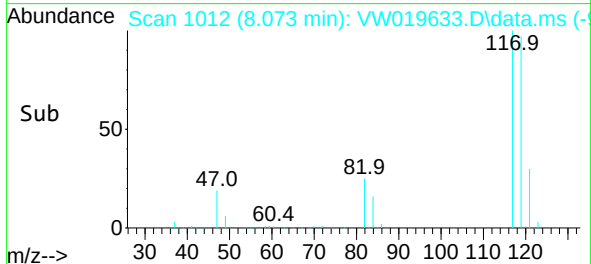
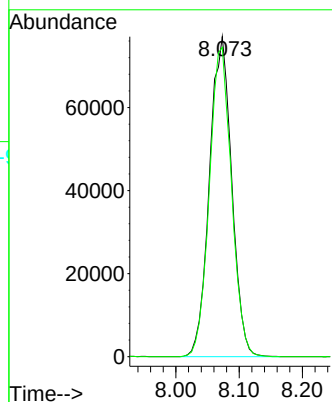
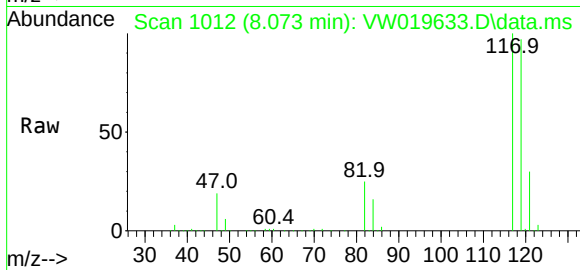




#31
Carbon tetrachloride
Concen: 23.942 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

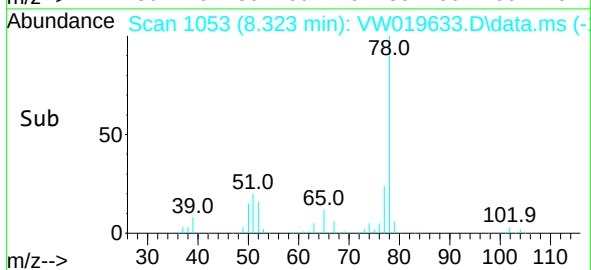
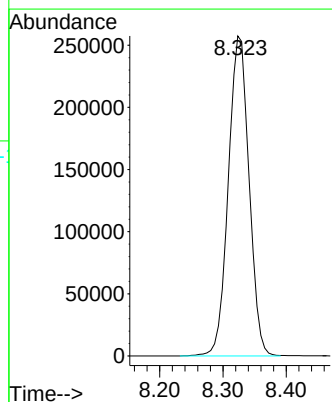
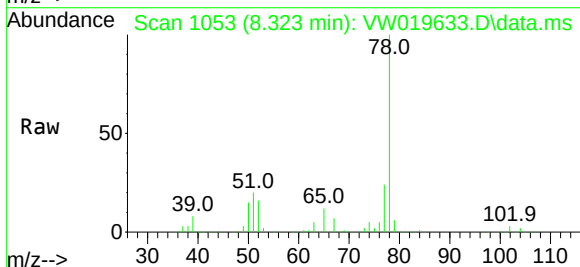
Instrument :
MSVOA_W
ClientSampled :

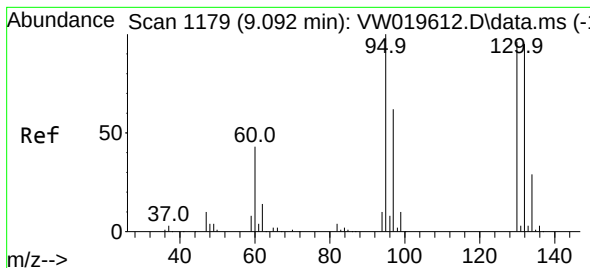
Tgt Ion:117 Resp: 188023
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 22.885 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 78 Resp: 585849





#34

Trichloroethene

Concen: 22.782 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

Tgt Ion: 95 Resp: 148850

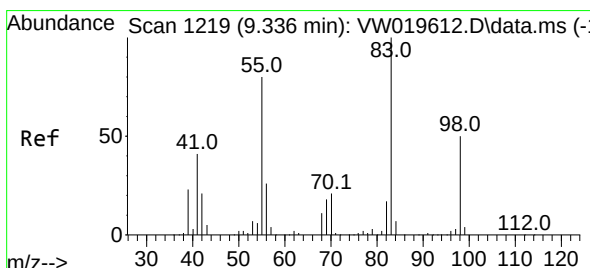
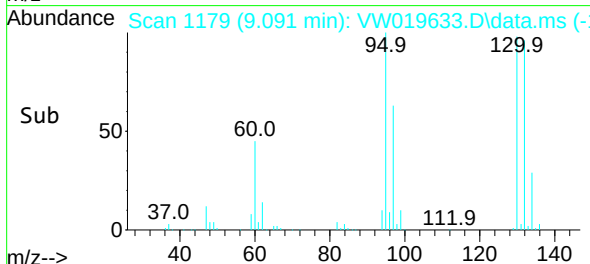
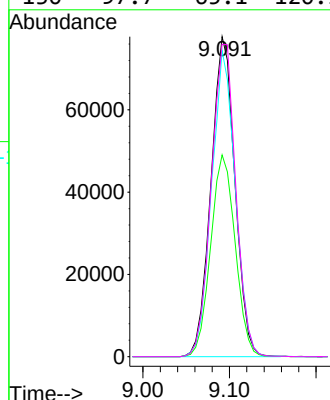
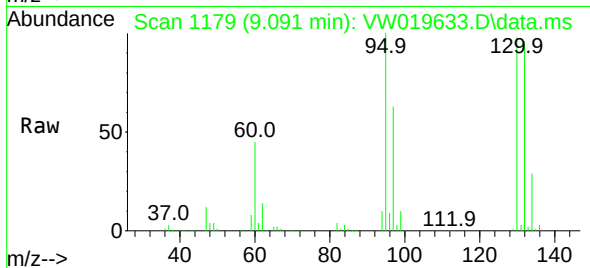
Ion Ratio Lower Upper

95 100

97 63.1 47.3 87.8

132 95.6 71.0 131.8

130 97.7 65.1 120.9



#35

Methylcyclohexane

Concen: 22.263 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW019633.D

Acq: 28 Jul 2021 09:49

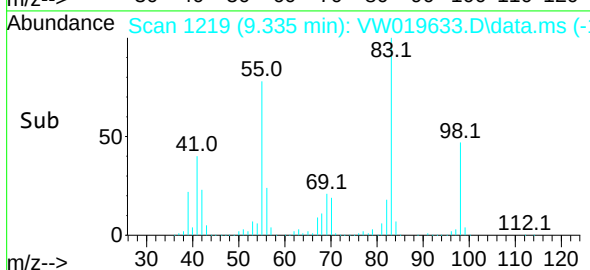
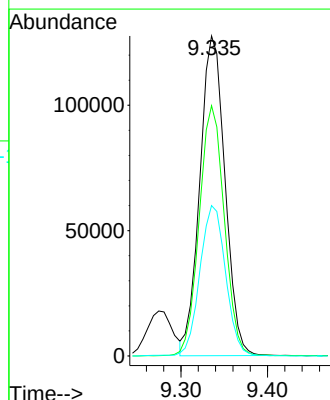
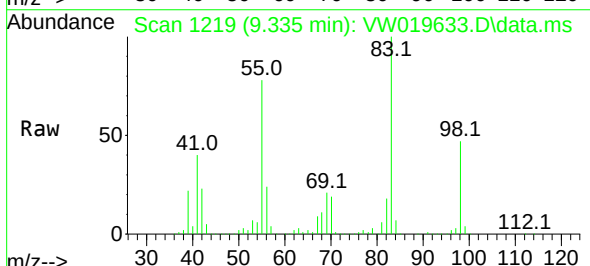
Tgt Ion: 83 Resp: 257398

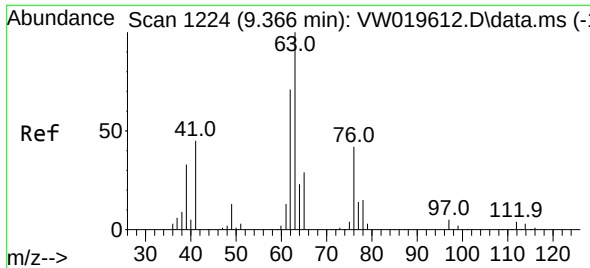
Ion Ratio Lower Upper

83 100

55 78.1 58.9 88.3

98 47.9 40.1 60.1

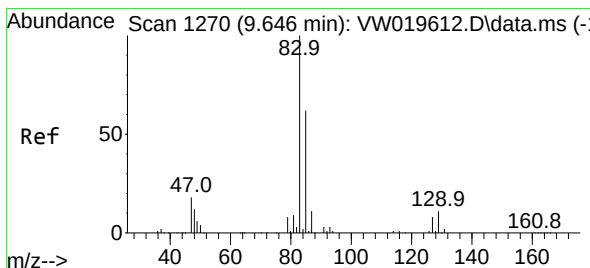
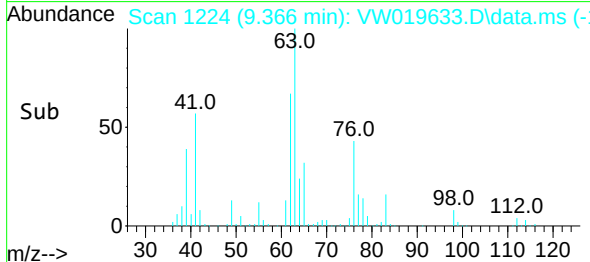
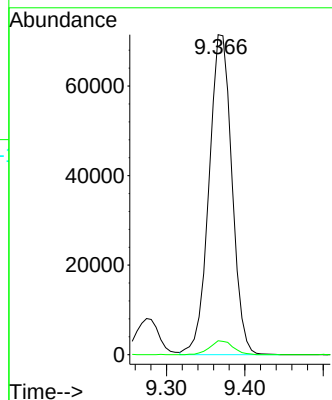
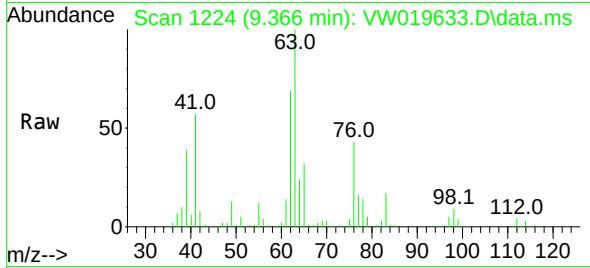




#37
1,2-Dichloropropane
Concen: 22.415 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

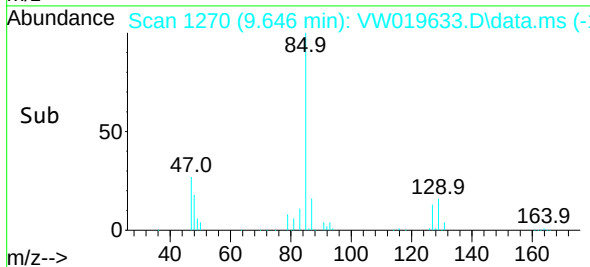
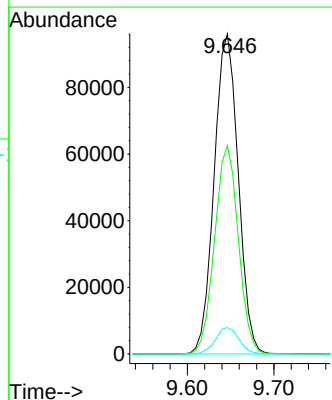
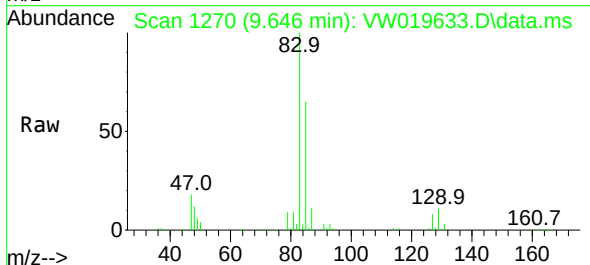
Instrument :
MSVOA_W
ClientSampled :

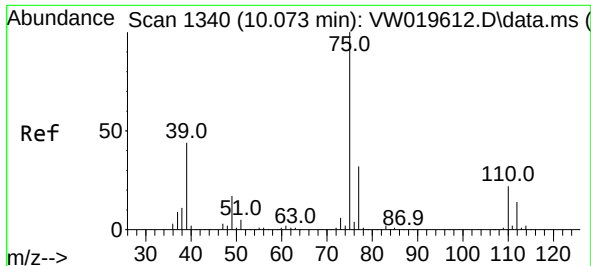
Tgt Ion: 63 Resp: 145413
Ion Ratio Lower Upper
63 100
112 4.4 3.9 5.9



#38
Bromodichloromethane
Concen: 23.037 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 83 Resp: 185310
Ion Ratio Lower Upper
83 100
85 65.2 42.3 78.5
127 8.3 6.6 9.8

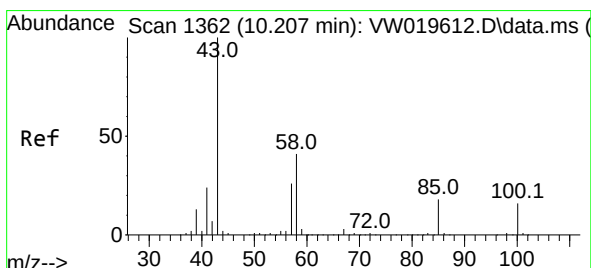
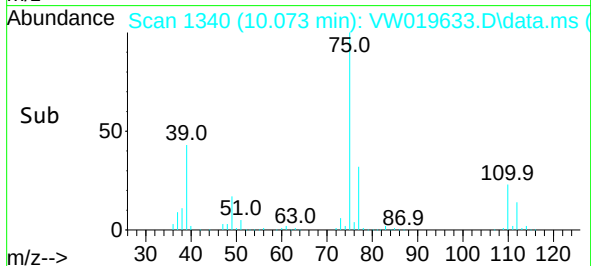
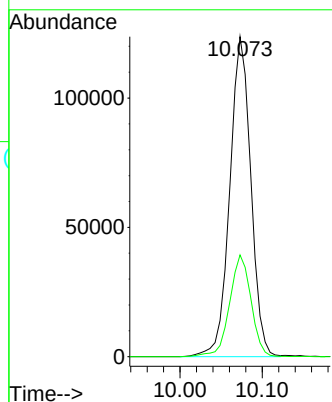
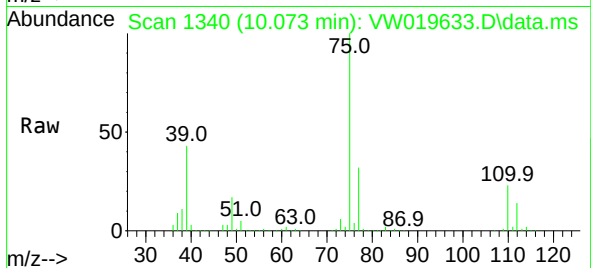




#39
cis-1,3-Dichloropropene
Concen: 22.216 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

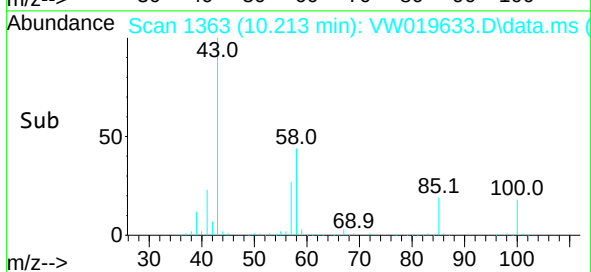
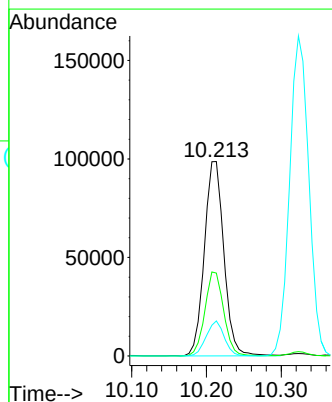
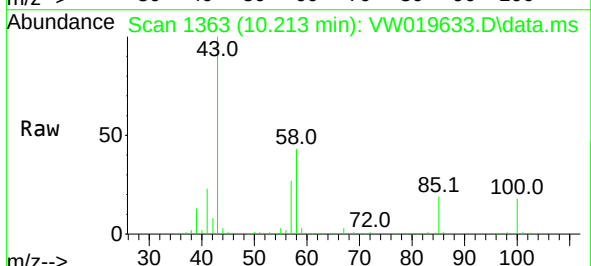
Instrument :
MSVOA_W
ClientSampleId :

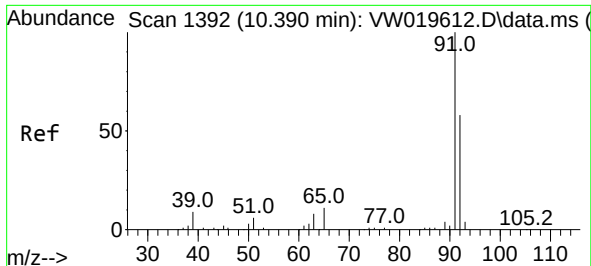
Tgt Ion: 75 Resp: 220407
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 43.814 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 43 Resp: 179397
Ion Ratio Lower Upper
43 100
58 41.7 31.0 46.4
100 16.7 13.0 19.6

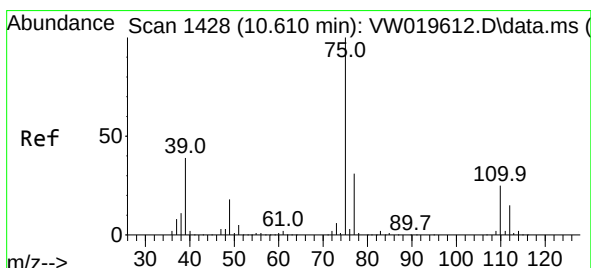
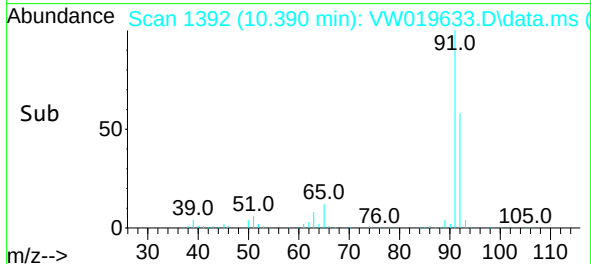
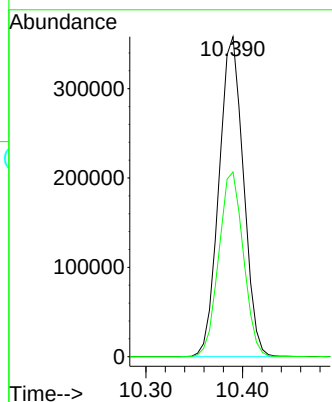
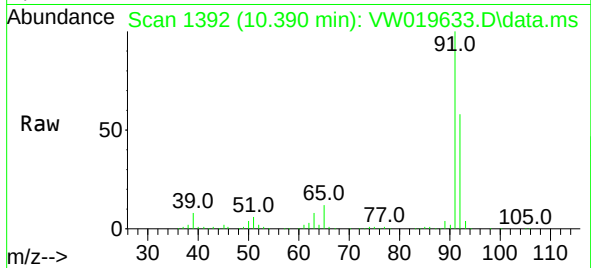




#42
Toluene
Concen: 23.553 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

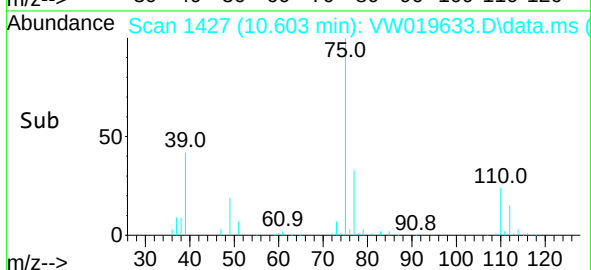
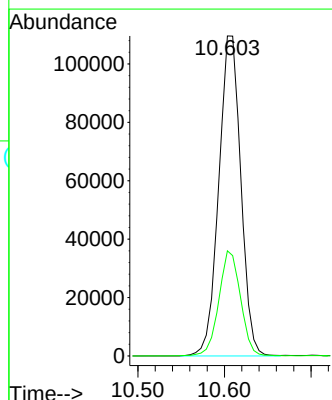
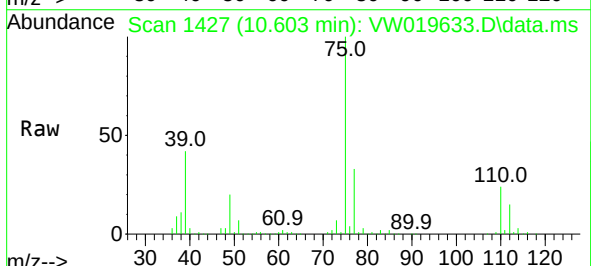
Instrument :
MSVOA_W
ClientSampled :

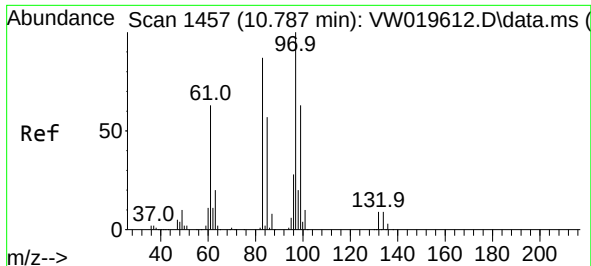
Tgt Ion: 91 Resp: 628419
Ion Ratio Lower Upper
91 100
92 57.8 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 22.228 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

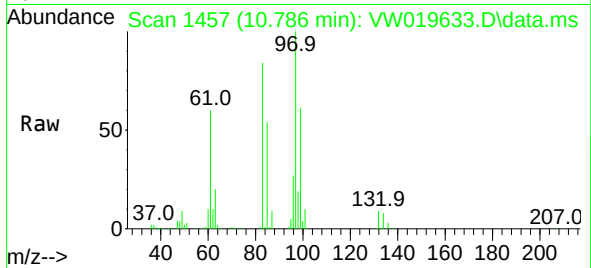
Tgt Ion: 75 Resp: 193975
Ion Ratio Lower Upper
75 100
77 32.9 21.1 39.1



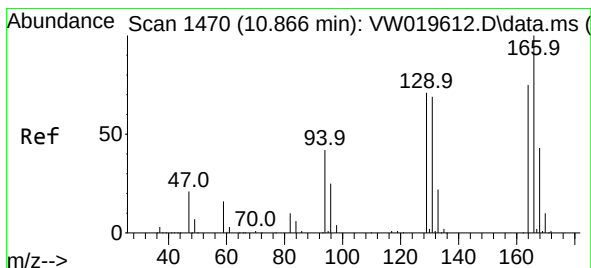
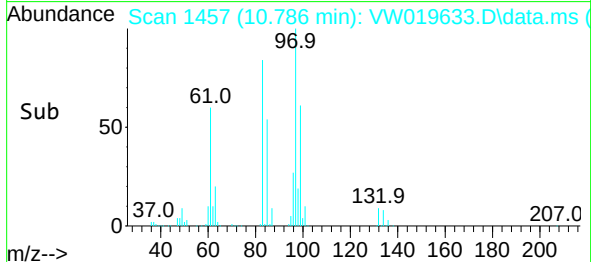
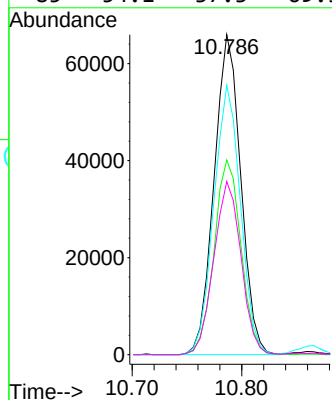


#45
1,1,2-Trichloroethane
Concen: 23.134 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

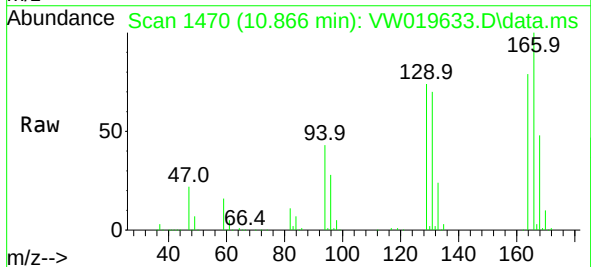
Instrument :
MSVOA_W
ClientSampleId :



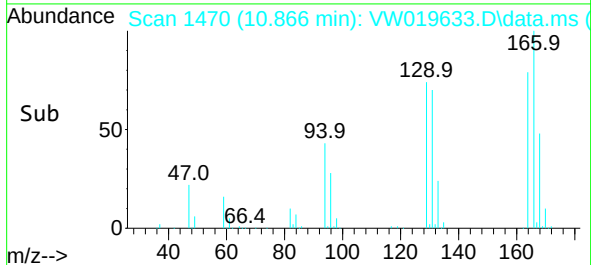
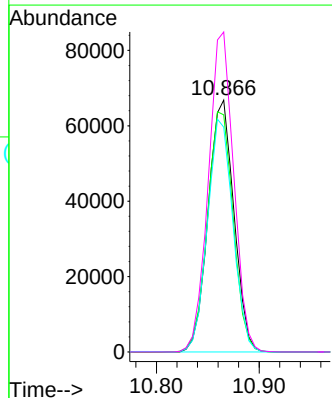
Tgt Ion:	97	Resp:	111667
Ion	Ratio	Lower	Upper
97	100		
99	60.9	45.1	83.7
83	84.1	58.1	107.9
85	54.1	37.3	69.3

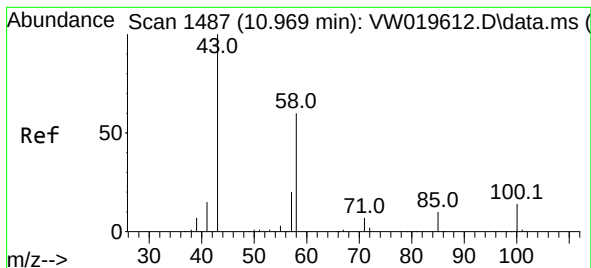


#46
Tetrachloroethene
Concen: 23.309 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49



Tgt Ion:	164	Resp:	116071
Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.7	123.9
131	89.3	61.1	113.5
166	127.1	87.0	161.6

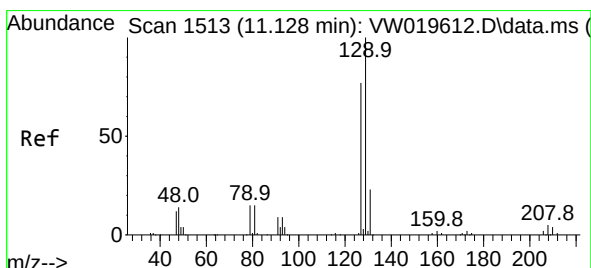
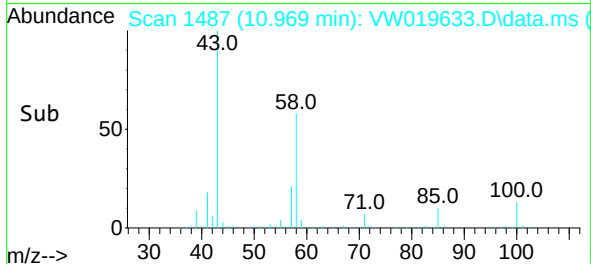
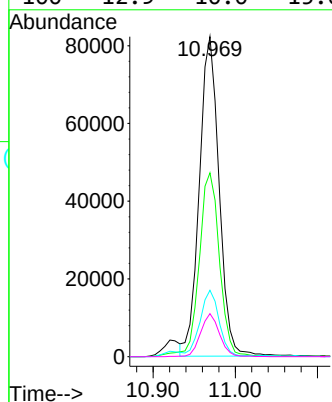
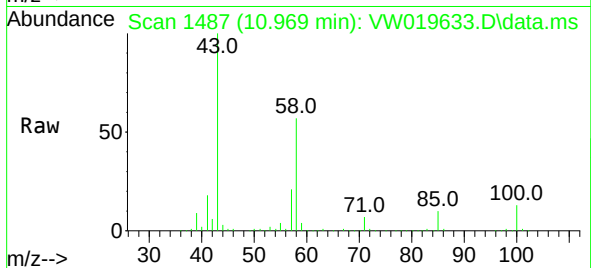




#48
2-Hexanone
Concen: 49.262 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

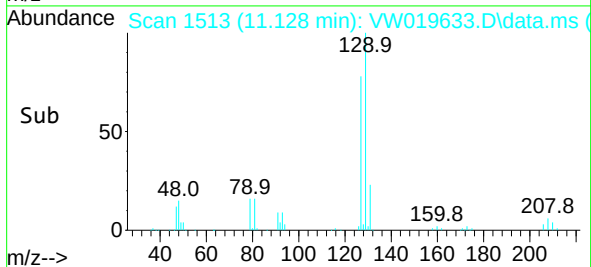
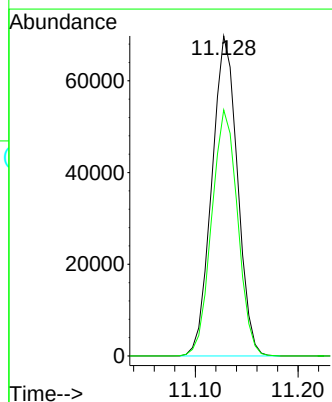
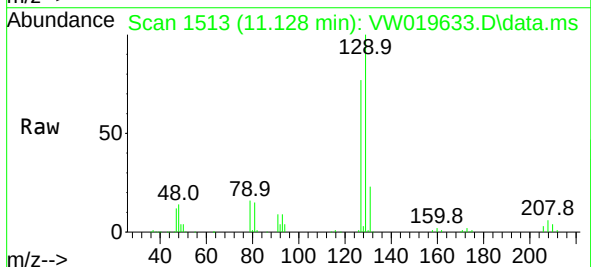
Instrument :
MSVOA_W
ClientSampleId :

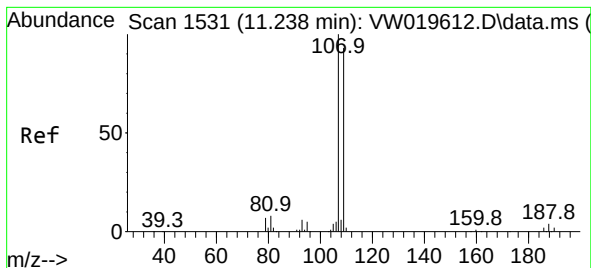
Tgt Ion: 43 Resp: 137378
Ion Ratio Lower Upper
43 100
58 59.2 42.7 64.1
57 20.0 15.8 23.8
100 12.9 10.0 15.0



#49
Dibromochloromethane
Concen: 23.278 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

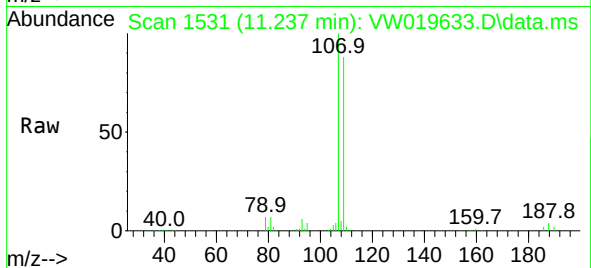
Tgt Ion: 129 Resp: 120834
Ion Ratio Lower Upper
129 100
127 76.9 51.7 95.9



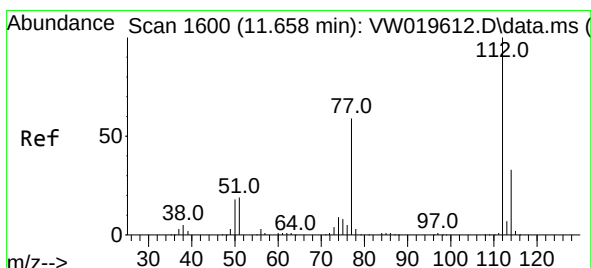
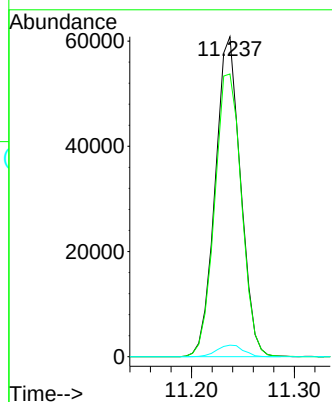
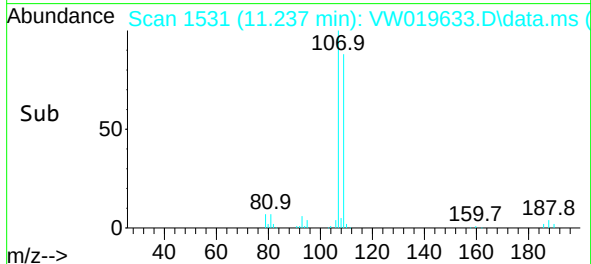


#50
1,2-Dibromoethane
Concen: 22.485 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

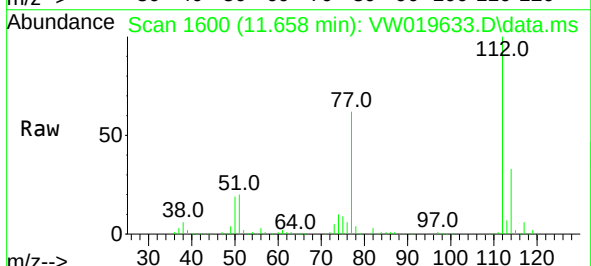
Instrument :
MSVOA_W
ClientSampleId :



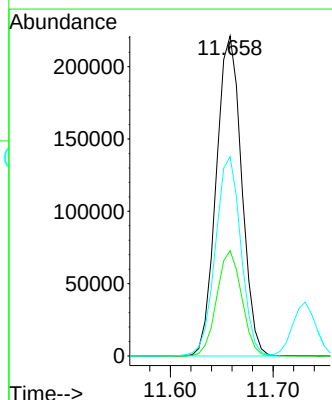
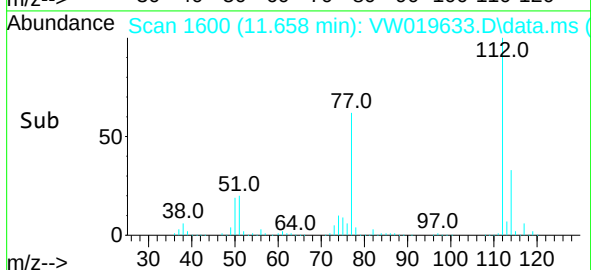
Tgt Ion:107 Resp: 104100
Ion Ratio Lower Upper
107 100
109 88.4 65.4 121.4
188 3.6 2.6 4.0

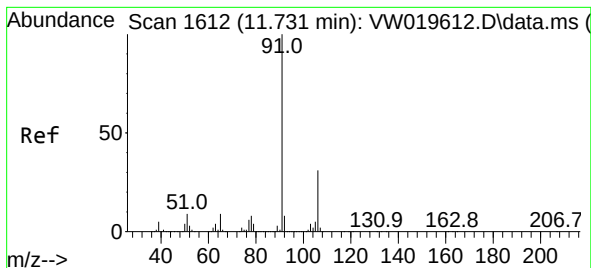


#51
Chlorobenzene
Concen: 22.622 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49



Tgt Ion:112 Resp: 379556
Ion Ratio Lower Upper
112 100
114 32.9 23.4 43.6
77 62.3 47.6 71.4

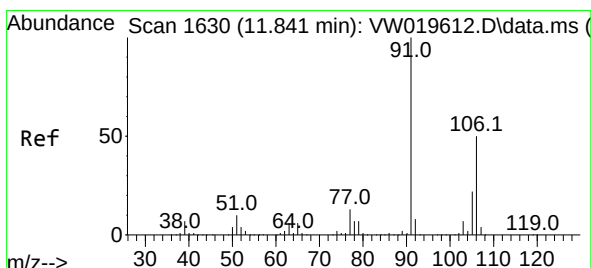
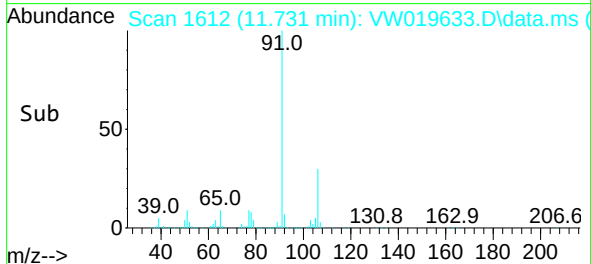
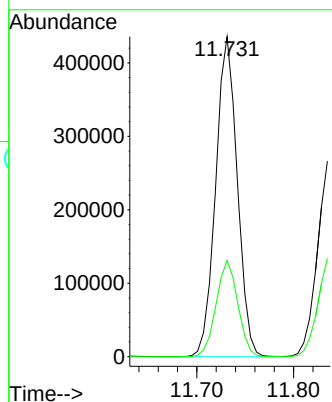
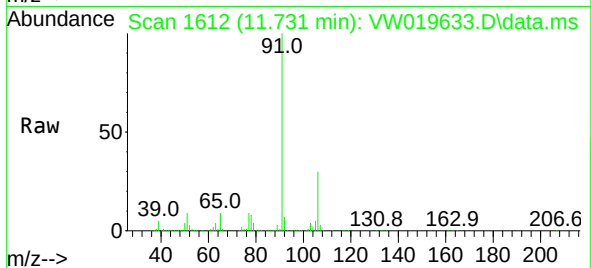




#52
Ethylbenzene
Concen: 23.249 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

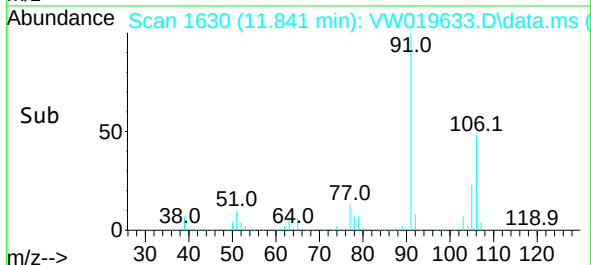
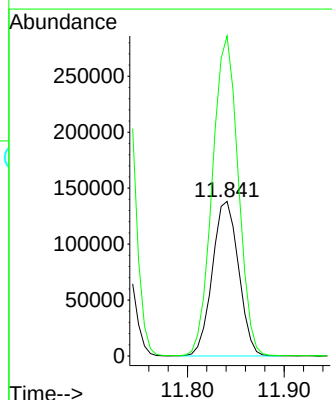
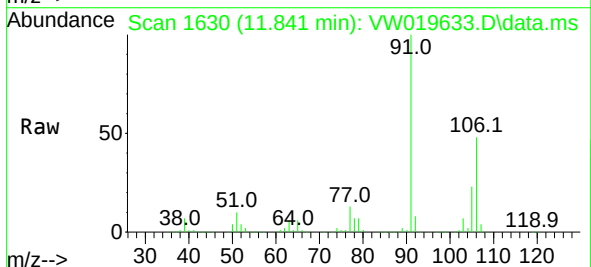
Instrument :
MSVOA_W
ClientSampleId :

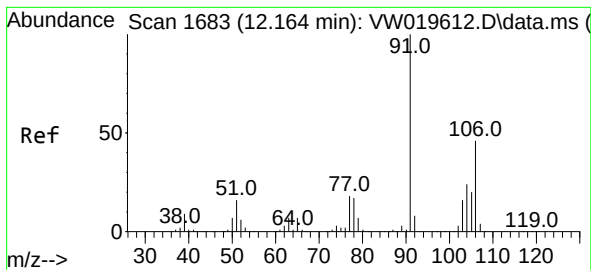
Tgt Ion: 91 Resp: 675315
Ion Ratio Lower Upper
91 100
106 30.0 22.5 41.7



#53
m,p-Xylene
Concen: 23.699 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion:106 Resp: 260151
Ion Ratio Lower Upper
106 100
91 207.0 141.3 262.3

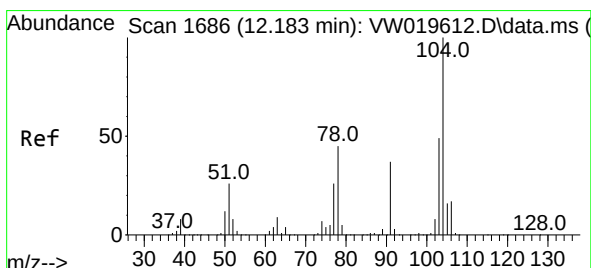
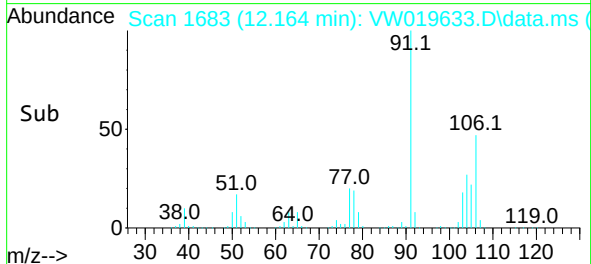
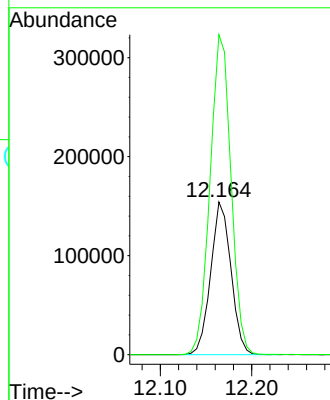
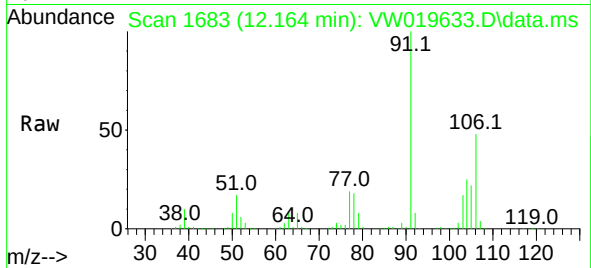




#54
o-Xylene
Concen: 22.871 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

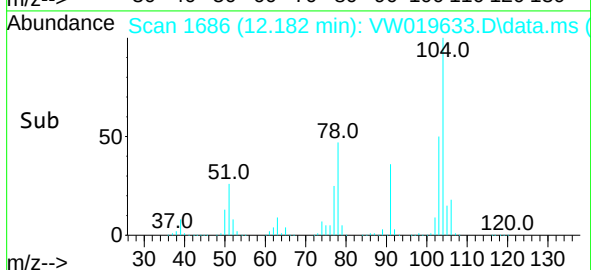
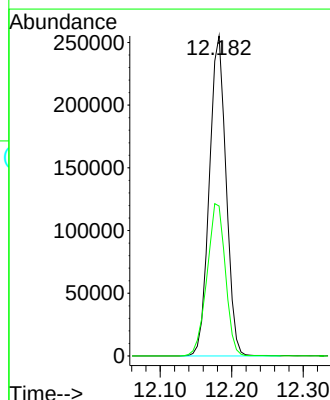
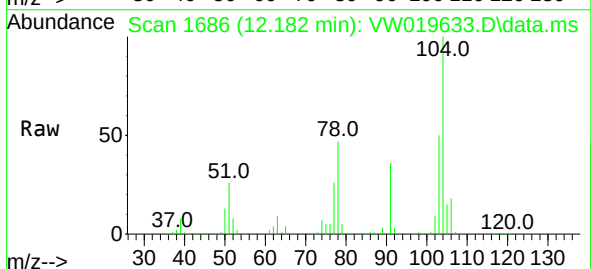
Instrument :
MSVOA_W
ClientSampled :

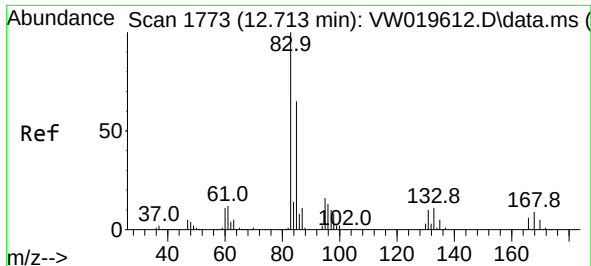
Tgt Ion:106 Resp: 237245
Ion Ratio Lower Upper
106 100
91 209.5 150.0 278.6



#55
Styrene
Concen: 23.082 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion:104 Resp: 414872
Ion Ratio Lower Upper
104 100
78 46.8 32.5 60.3

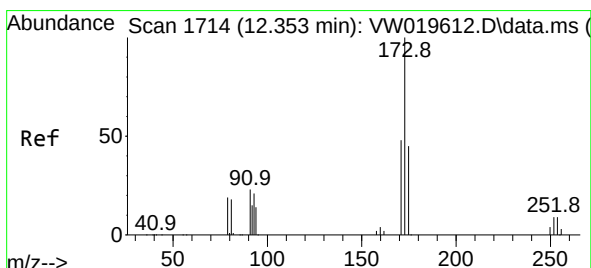
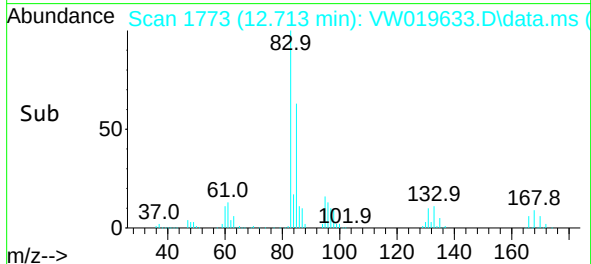
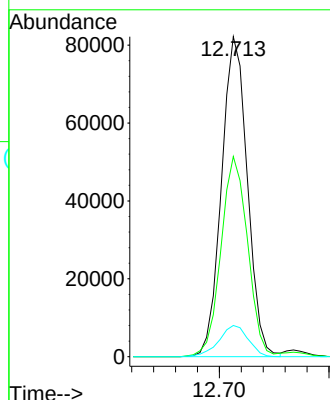
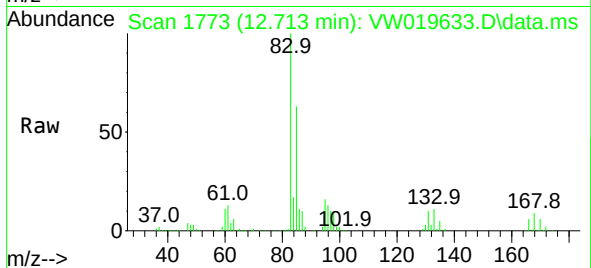




#57
1,1,2,2-Tetrachloroethane
Concen: 22.662 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

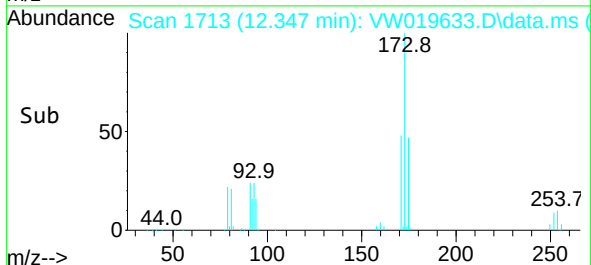
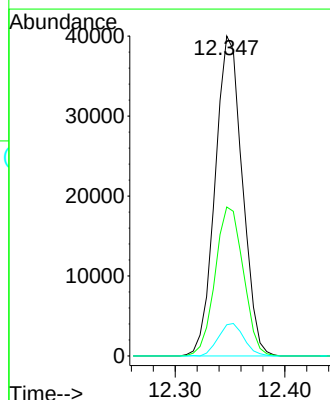
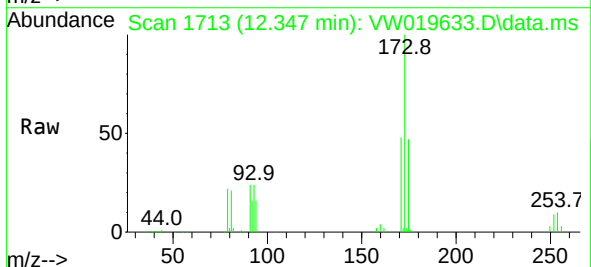
Instrument :
MSVOA_W
ClientSampled :

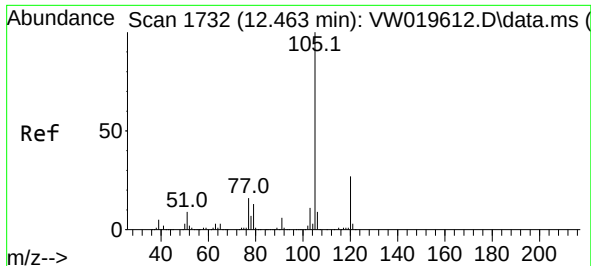
Tgt Ion: 83 Resp: 134712
Ion Ratio Lower Upper
83 100
85 62.6 44.4 82.4
131 9.7 8.2 12.4



#59
Bromoform
Concen: 23.356 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion:173 Resp: 69045
Ion Ratio Lower Upper
173 100
175 48.3 37.5 56.3
254 9.6 7.0 10.4

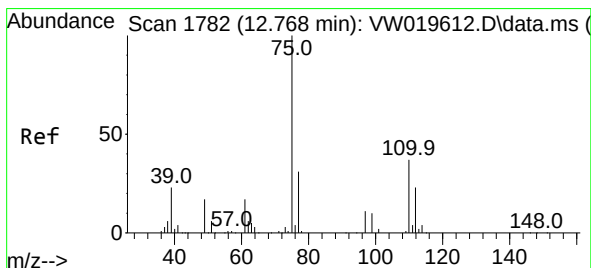
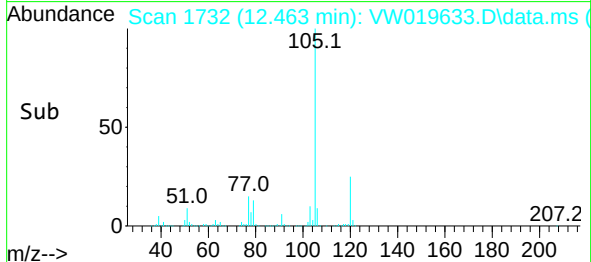
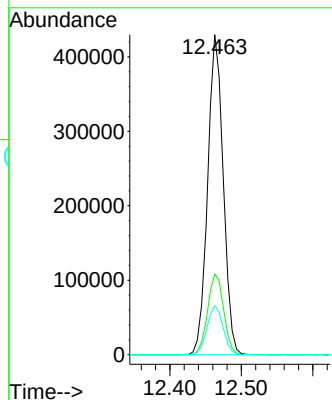
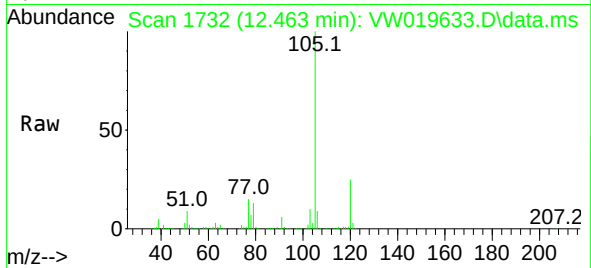




#60
Isopropylbenzene
Concen: 23.319 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

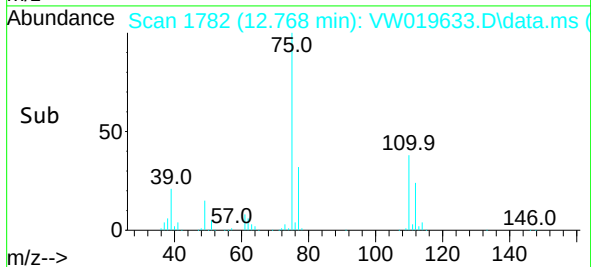
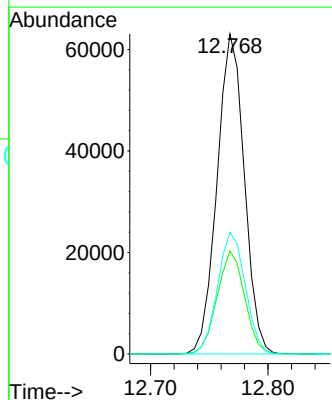
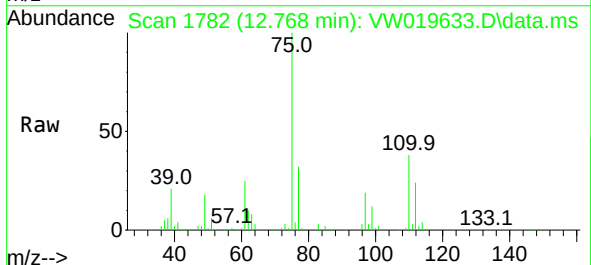
Instrument :
MSVOA_W
ClientSampleId :

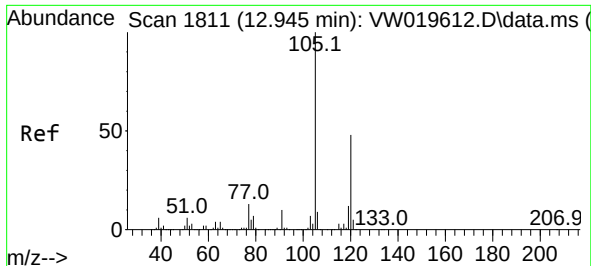
Tgt Ion:105 Resp: 649058
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 22.395 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion: 75 Resp: 101606
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
110 38.7 32.6 48.8

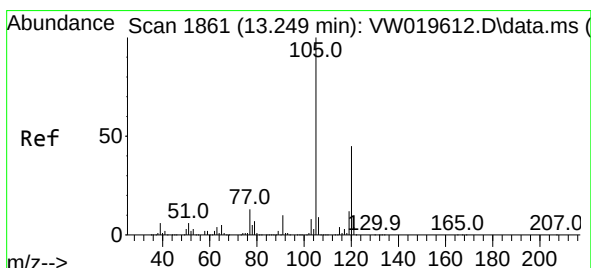
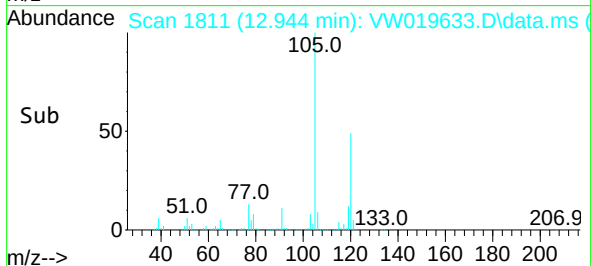
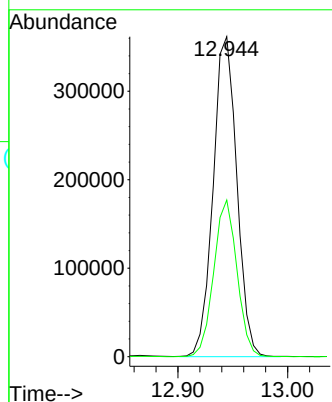
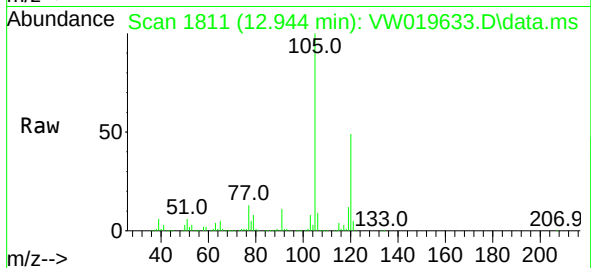




#62
1,3,5-Trimethylbenzene
Concen: 23.338 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

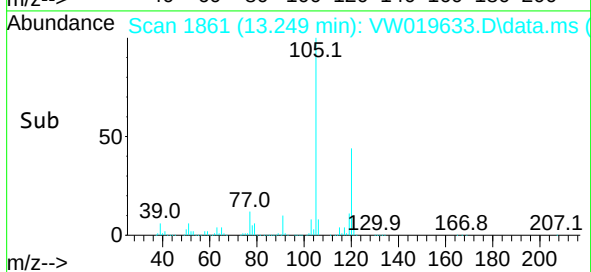
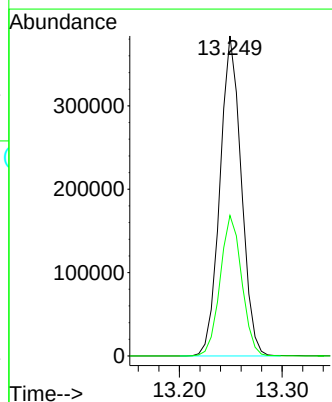
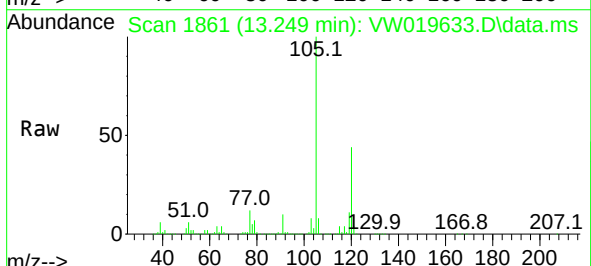
Instrument :
MSVOA_W
ClientSampled :

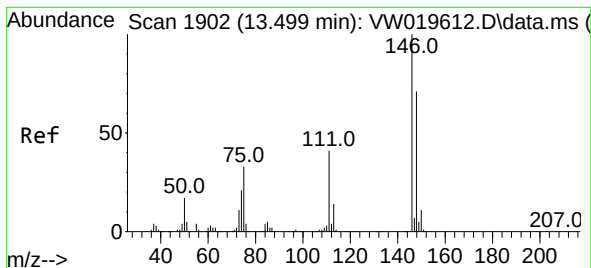
Tgt Ion:105 Resp: 543904
Ion Ratio Lower Upper
105 100
120 48.0 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 23.549 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion:105 Resp: 552999
Ion Ratio Lower Upper
105 100
120 44.3 35.6 53.4

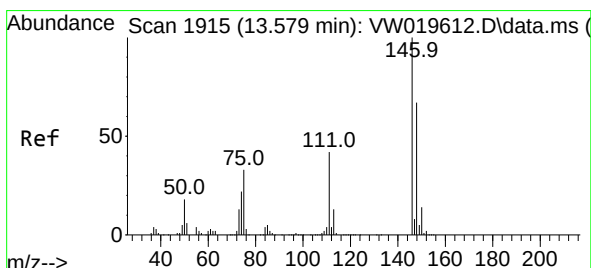
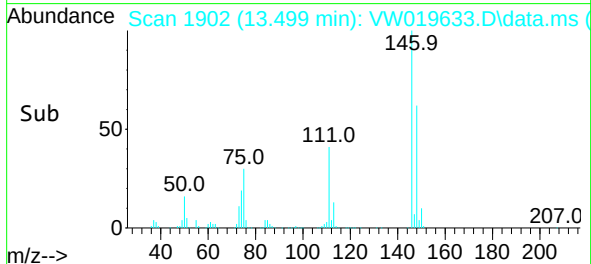
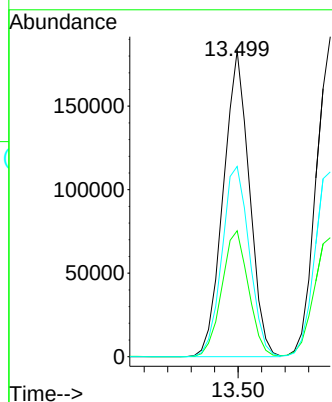
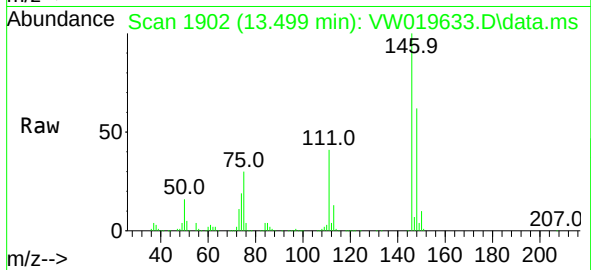




#64
1,3-Dichlorobenzene
Concen: 22.148 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

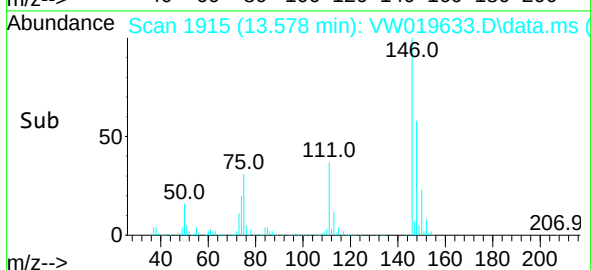
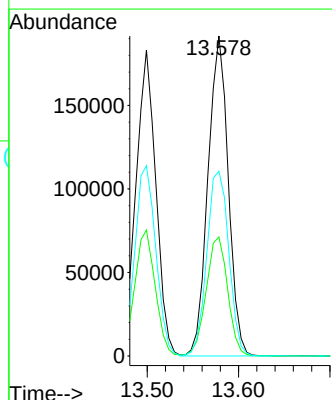
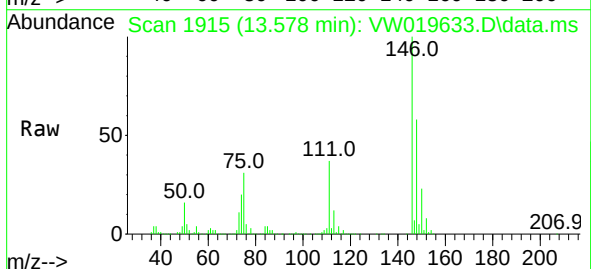
Instrument :
MSVOA_W
ClientSampleId :

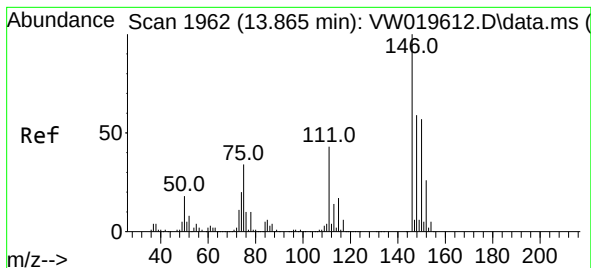
Tgt Ion:146 Resp: 282100
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.7
148 62.2 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 23.517 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion:146 Resp: 295977
Ion Ratio Lower Upper
146 100
111 37.2 28.8 53.4
148 57.8 46.8 87.0

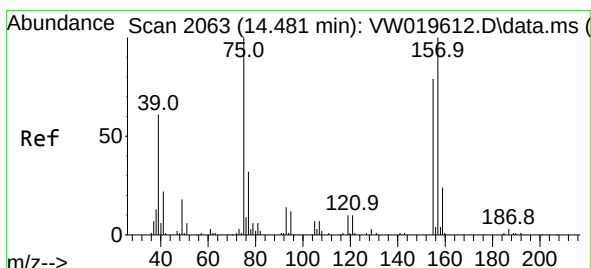
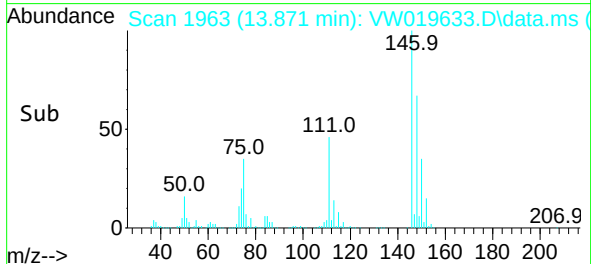
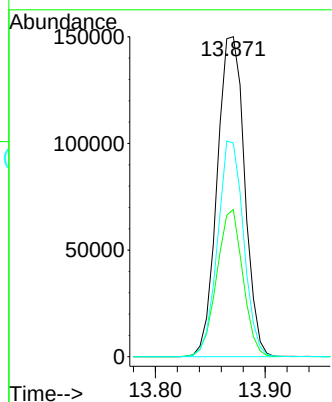
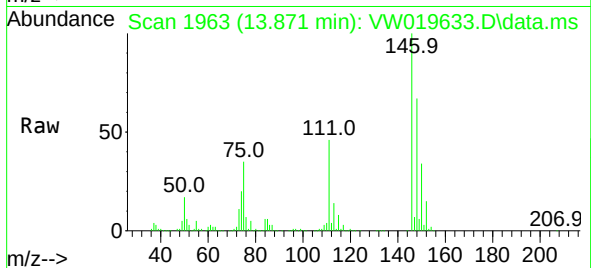




#67
1,2-Dichlorobenzene
Concen: 22.731 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

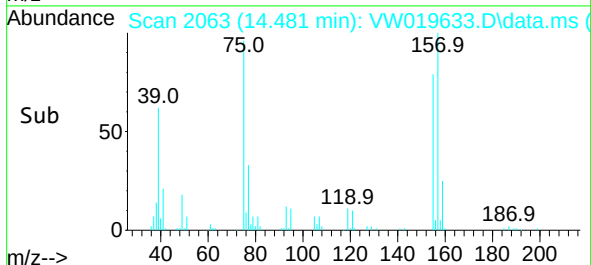
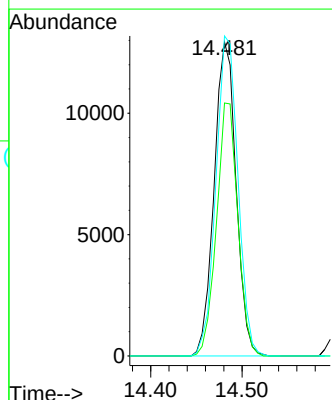
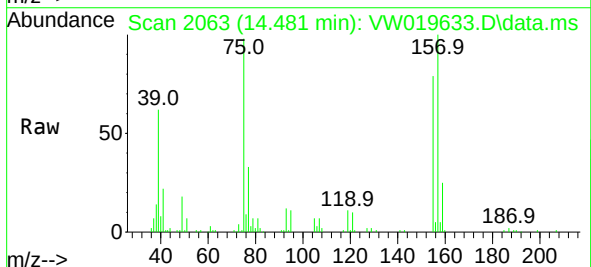
Instrument :
MSVOA_W
ClientSampleId :

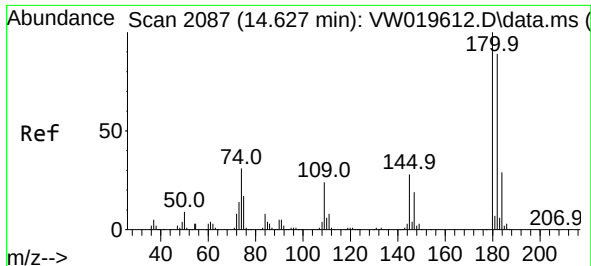
Tgt Ion:146 Resp: 260833
Ion Ratio Lower Upper
146 100
111 46.0 33.2 49.8
148 66.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.769 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

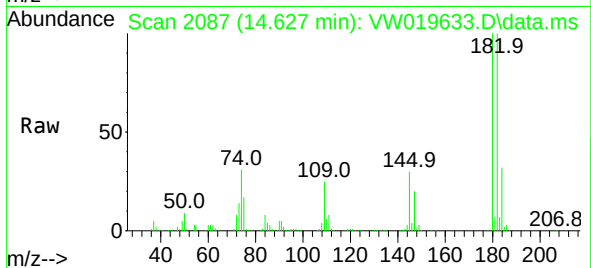
Tgt Ion: 75 Resp: 21552
Ion Ratio Lower Upper
75 100
155 80.6 59.4 89.0
157 101.9 72.2 108.2



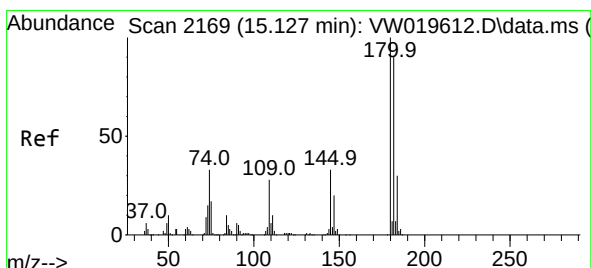
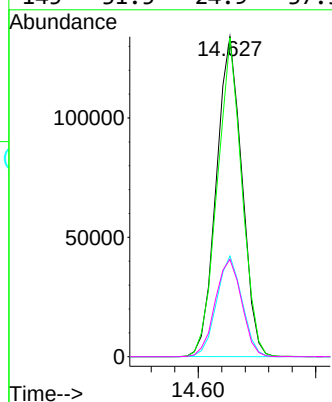
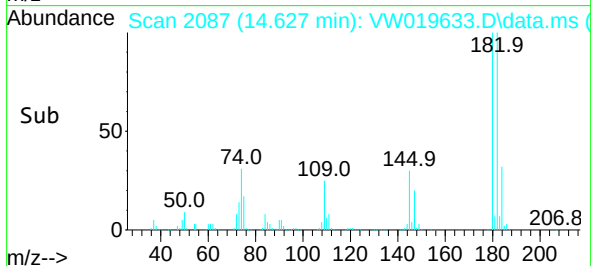


#69
1,3,5-Trichlorobenzene
Concen: 21.740 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

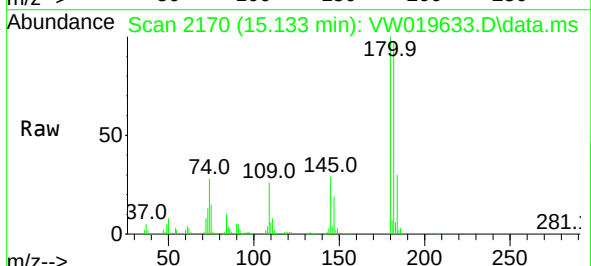
Instrument :
MSVOA_W
ClientSampleId :



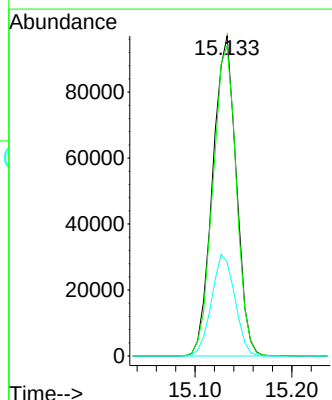
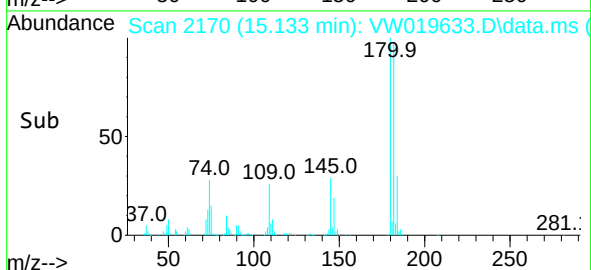
Tgt Ion:	180	Resp:	202331
Ion Ratio	Lower	Upper	
180	100		
182	96.0	73.4	110.2
184	31.3	23.6	35.4
145	31.5	24.9	37.3

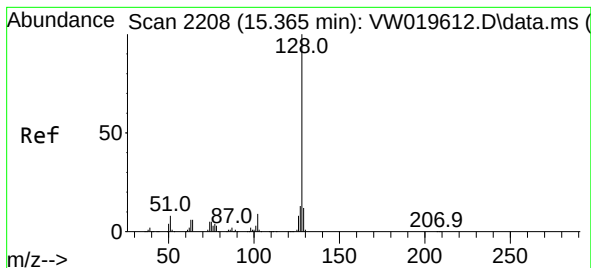


#70
1,2,4-trichlorobenzene
Concen: 21.029 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49



Tgt Ion:	180	Resp:	163625
Ion Ratio	Lower	Upper	
180	100		
182	96.3	74.7	112.1
145	31.5	25.0	37.4

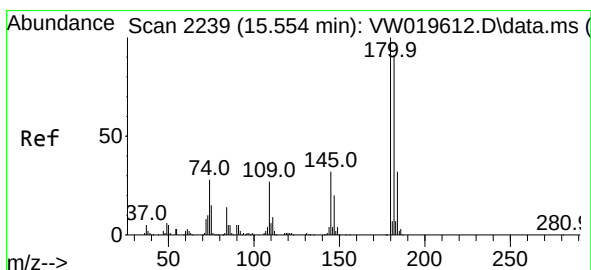
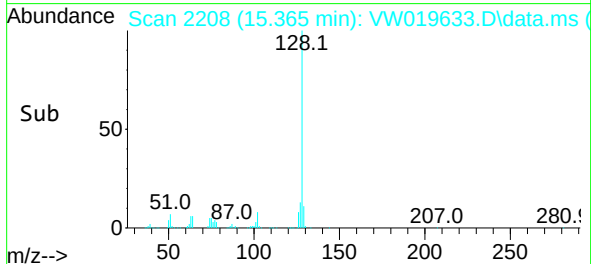
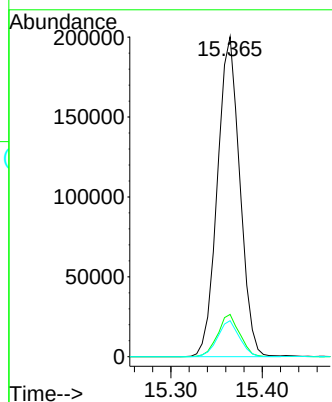
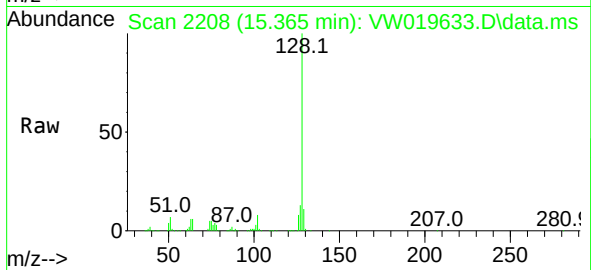




#71
Naphthalene
Concen: 21.727 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 341454
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 21.734 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019633.D
Acq: 28 Jul 2021 09:49

Tgt Ion:180 Resp: 151450
Ion Ratio Lower Upper
180 100
182 98.6 76.7 115.1
145 33.6 28.9 43.3

