

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072821\
 Data File : VW019642.D
 Acq On : 28 Jul 2021 16:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 01:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 29 01:12:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	440625	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	401730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	213594	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111222	17.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.280%
7) Chloroethane-d5	2.892	69	88571	19.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	4.026	63	237247	19.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.800%
21) 2-Butanone-d5	7.086	46	81210	44.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.640%
24) Chloroform-d	7.653	84	266723	21.908	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.305	65	142420	21.316	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.280%
32) Benzene-d6	8.275	84	502412	21.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.040%
36) 1,2-Dichloropropane-d6	9.275	67	160504	21.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.120%
41) Toluene-d8	10.323	98	454913	21.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	10.579	79	68507	21.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.840%
47) 2-Hexanone-d5	10.927	63	66915	48.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	146330	24.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	159045	21.104	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	119500	22.767	ug/L	95
3) Chloromethane	2.215	50	115922	21.523	ug/L	98
5) Vinyl chloride	2.367	62	165892	22.378	ug/L	96
6) Bromomethane	2.788	94	93779	22.879	ug/L	98
8) Chloroethane	2.934	64	95442	24.189	ug/L	97
9) Trichlorofluoromethane	3.270	101	118368	26.285	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	141518	24.567	ug/L	94
12) 1,1-Dichloroethene	4.050	96	140143	24.362	ug/L	89
13) Acetone	4.141	43	58880	44.099	ug/L	86
14) Carbon disulfide	4.391	76	421435	22.878	ug/L	100
15) Methyl Acetate	4.678	43	69196	23.285	ug/L	100
16) Methylene chloride	4.922	84	176018	20.038	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	147221	23.534	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	204073	23.612	ug/L	96
19) 1,1-Dichloroethane	6.220	63	274339	23.886	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	160496	24.258	ug/L	98
22) 2-Butanone	7.177	43	87584	42.394	ug/L	99
23) Bromochloromethane	7.519	128	71148	23.877	ug/L	96
25) Chloroform	7.677	83	273209	24.048	ug/L	97

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 ALS Vial : 12 Sample Multiplier: 1

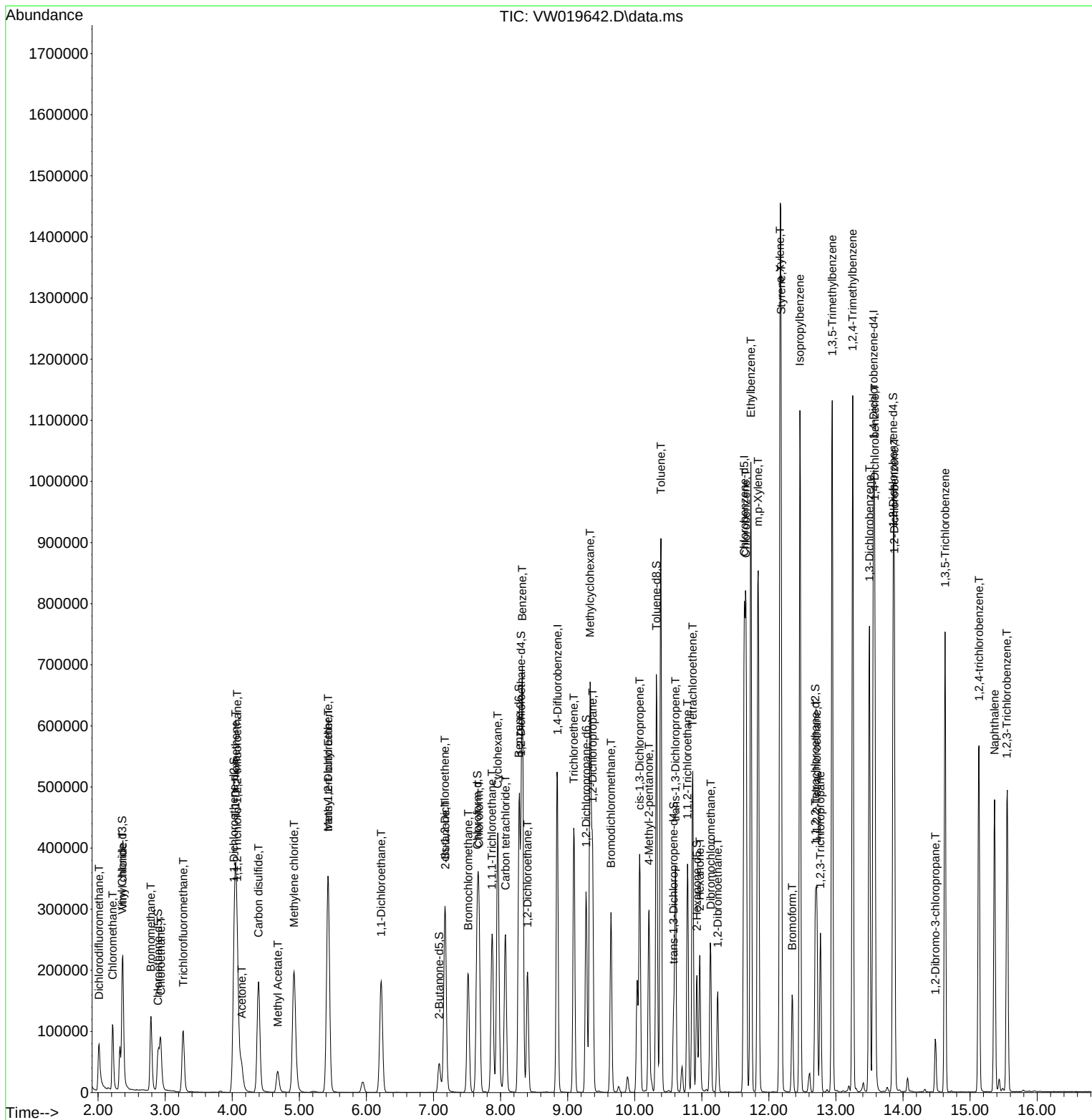
Instrument :
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 ClientSampleId :

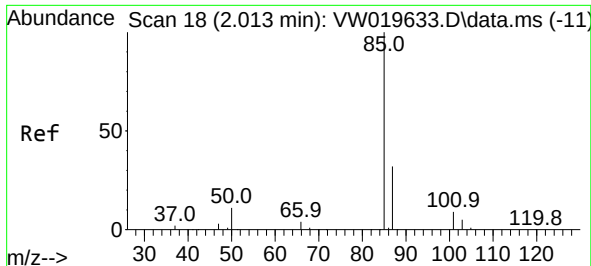
Quant Time: Jul 29 01:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 29 01:12:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	182668	23.898	ug/L	96
29) Cyclohexane	7.958	56	248493	24.121	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	217871	26.277	ug/L	97
31) Carbon tetrachloride	8.074	117	201240	26.087	ug/L	99
33) Benzene	8.324	78	630236	25.064	ug/L	100
34) Trichloroethene	9.092	95	159340	24.828	ug/L	92
35) Methylcyclohexane	9.336	83	283735	24.983	ug/L	96
37) 1,2-Dichloropropane	9.372	63	158016	24.798	ug/L	99
38) Bromodichloromethane	9.646	83	198077	25.068	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	241674	24.800	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	194093	48.259	ug/L	96
42) Toluene	10.390	91	666144	25.417	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	211787	24.707	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	120842	25.487	ug/L	97
46) Tetrachloroethene	10.866	164	123037	25.154	ug/L	96
48) 2-Hexanone	10.969	43	136182	49.715	ug/L	95
49) Dibromochloromethane	11.134	129	127752	25.055	ug/L	95
50) 1,2-Dibromoethane	11.238	107	113648	24.991	ug/L	98
51) Chlorobenzene	11.658	112	416429	25.268	ug/L	98
52) Ethylbenzene	11.731	91	720284	25.245	ug/L	100
53) m,p-Xylene	11.841	106	280482	26.012	ug/L	97
54) o-Xylene	12.164	106	262397	25.752	ug/L	97
55) Styrene	12.183	104	460653	26.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	147715	25.298	ug/L	98
59) Bromoform	12.347	173	75228	24.675	ug/L	97
60) Isopropylbenzene	12.463	105	702630	24.477	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	111743	23.882	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	606999	25.255	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	604940	24.979	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	314140	23.914	ug/L	87
65) 1,4-Dichlorobenzene	13.579	146	321984	24.806	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	276302	23.348	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	23760	23.270	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	227617	23.715	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	187381	23.350	ug/L	98
71) Naphthalene	15.365	128	398711	24.600	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	173941	24.204	ug/L	99

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

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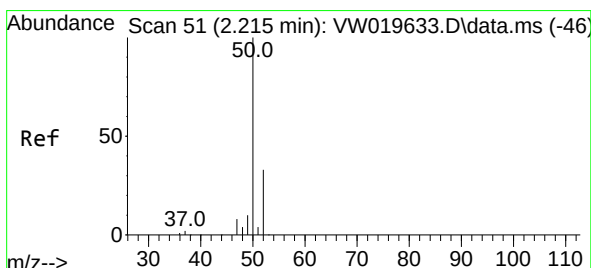
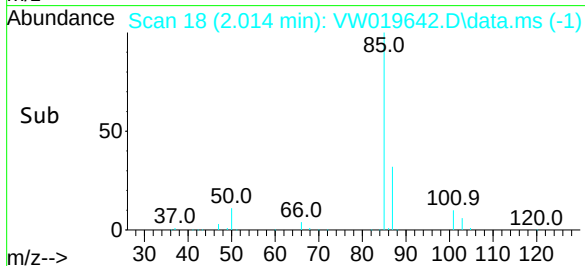
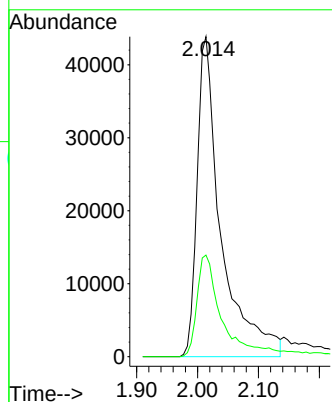
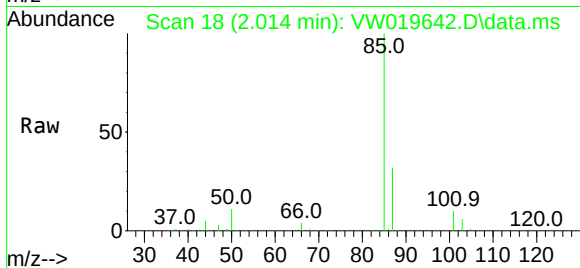




#2
Dichlorodifluoromethane
Concen: 22.767 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

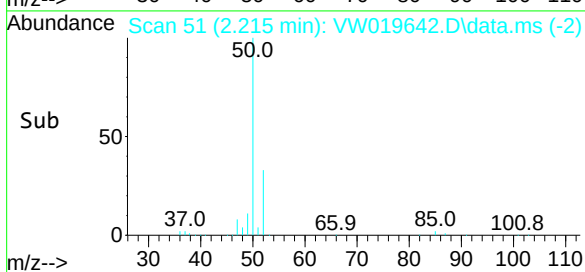
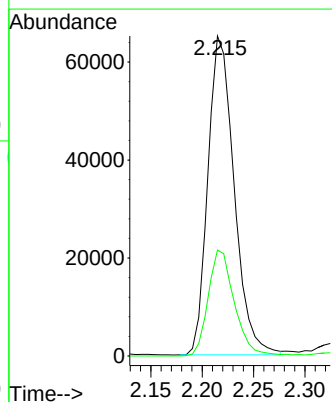
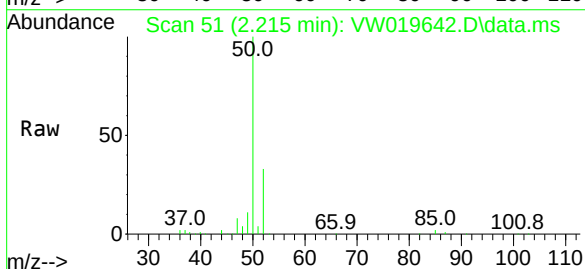
Instrument :
MSVOA_W
ClientSampled :

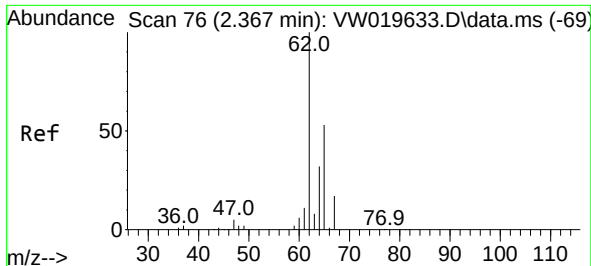
Tgt Ion: 85 Resp: 119500
Ion Ratio Lower Upper
85 100
87 31.7 23.3 34.9



#3
Chloromethane
Concen: 21.523 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 50 Resp: 115922
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9

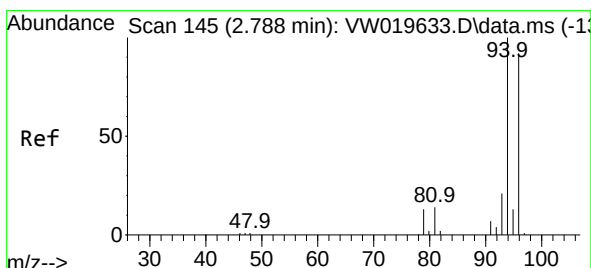
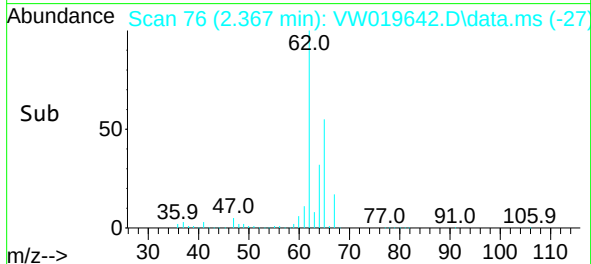
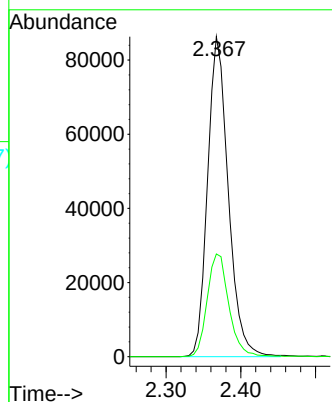
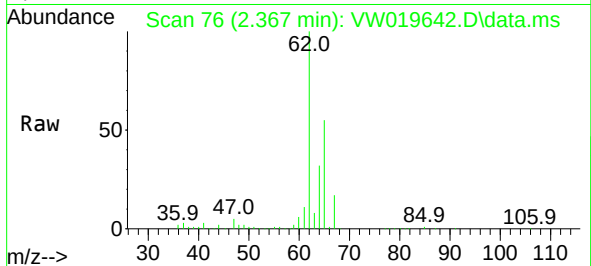




#5
 Vinyl chloride
 Concen: 22.378 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019642.D
 Acq: 28 Jul 2021 16:05

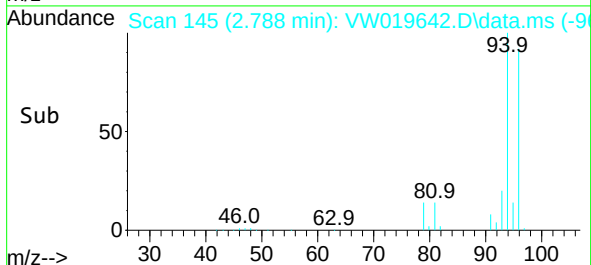
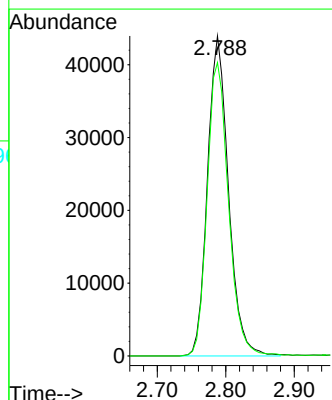
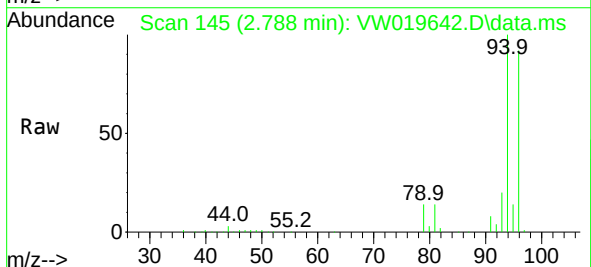
Instrument :
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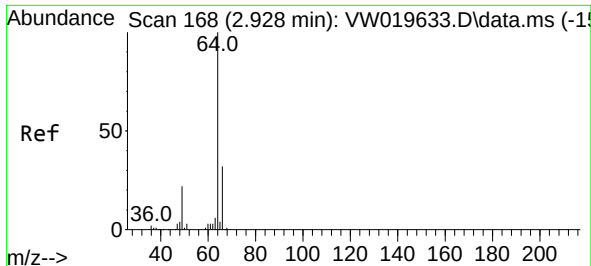
Tgt Ion: 62 Resp: 165892
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.2 45.0



#6
 Bromomethane
 Concen: 22.879 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019642.D
 Acq: 28 Jul 2021 16:05

Tgt Ion: 94 Resp: 93779
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.3 121.3

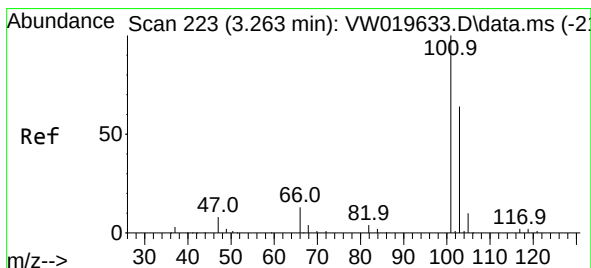
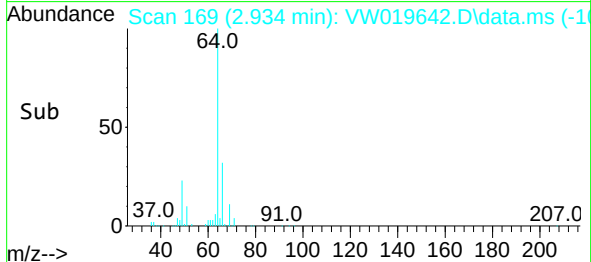
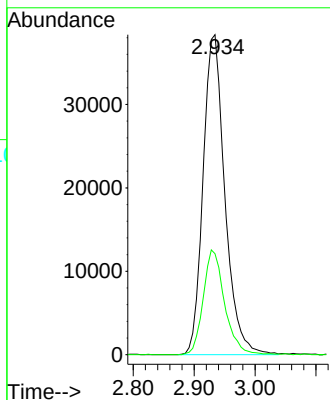
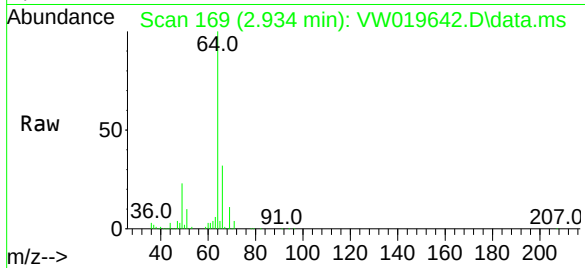




#8
Chloroethane
Concen: 24.189 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

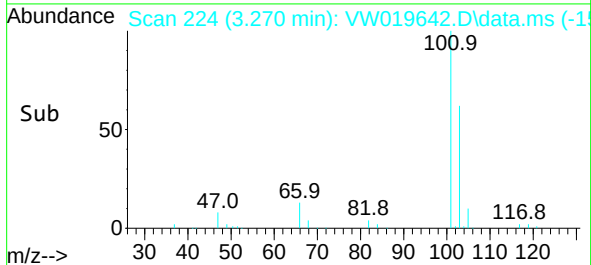
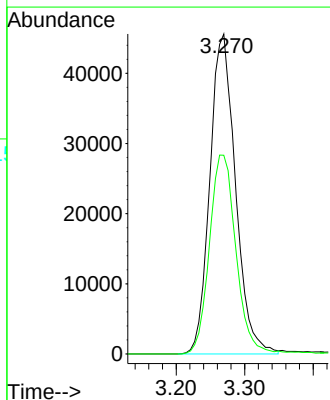
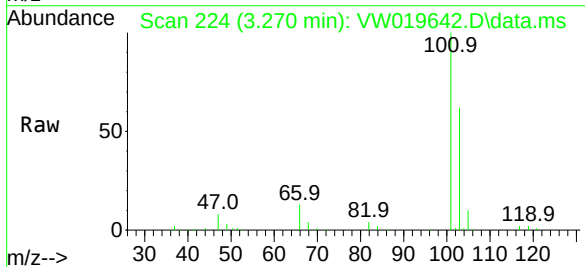
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ClientSampled :

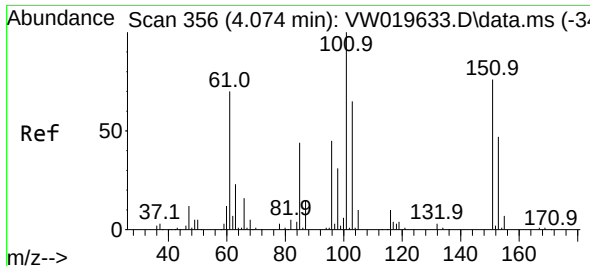
Tgt Ion: 64 Resp: 95442
Ion Ratio Lower Upper
64 100
66 31.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 26.285 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 101 Resp: 118368
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4

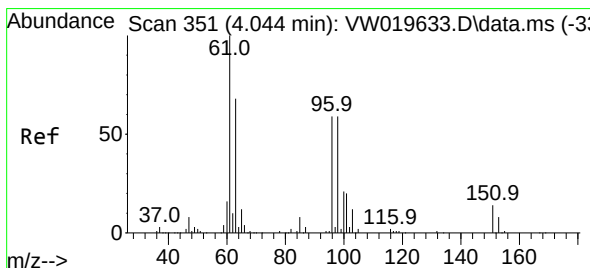
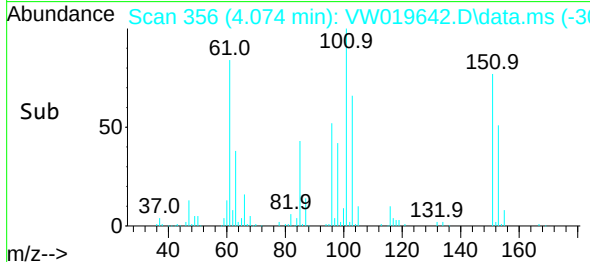
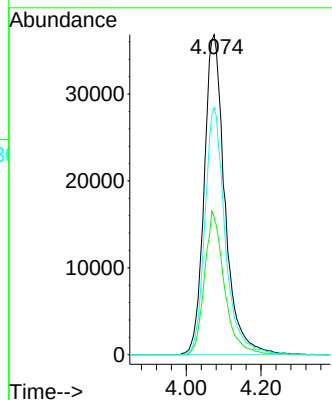
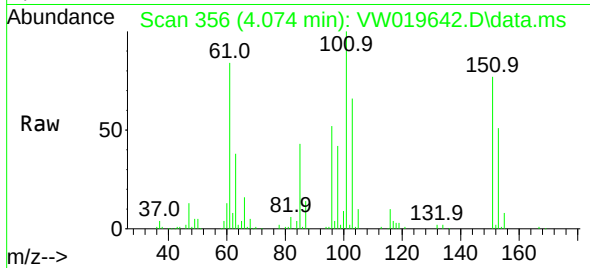




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.567 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW019642.D
 Acq: 28 Jul 2021 16:05

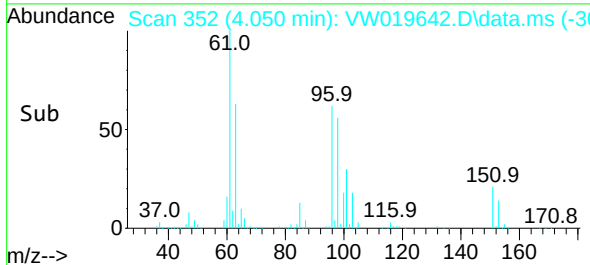
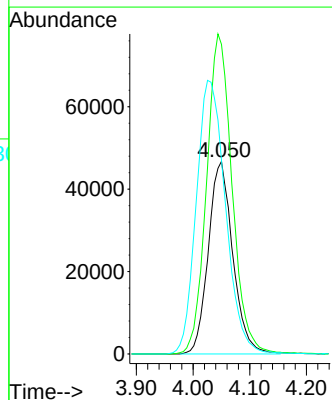
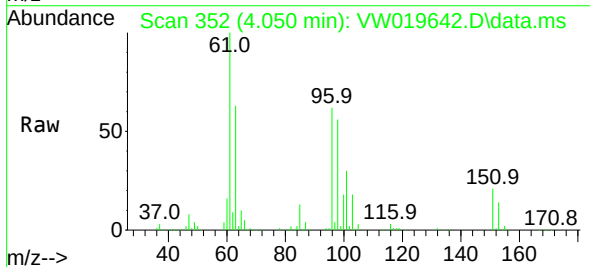
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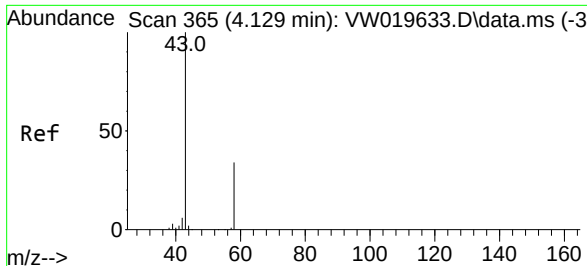
Tgt Ion:101 Resp: 141518
 Ion Ratio Lower Upper
 101 100
 85 42.6 38.2 57.2
 151 74.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.362 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW019642.D
 Acq: 28 Jul 2021 16:05

Tgt Ion: 96 Resp: 140143
 Ion Ratio Lower Upper
 96 100
 61 160.8 118.1 219.3
 63 100.6 83.7 155.5

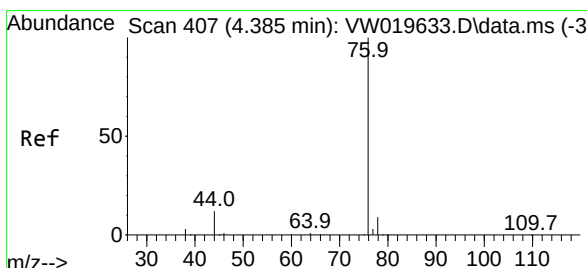
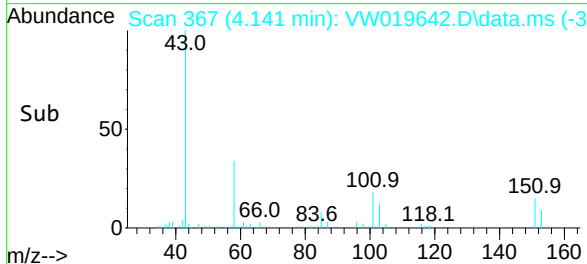
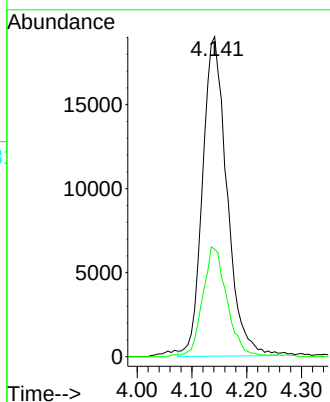
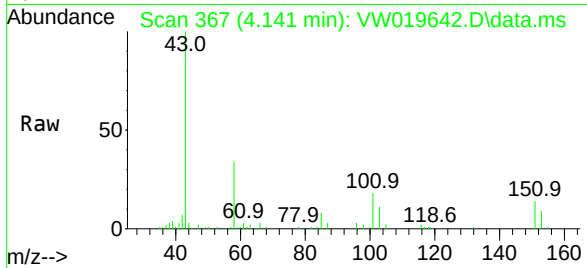




#13
Acetone
Concen: 44.099 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

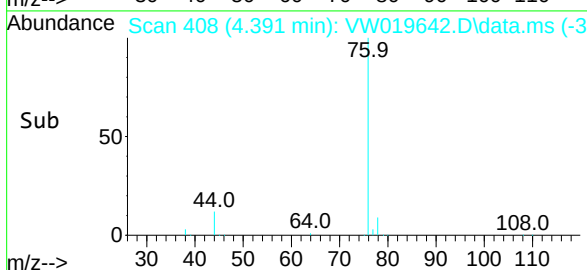
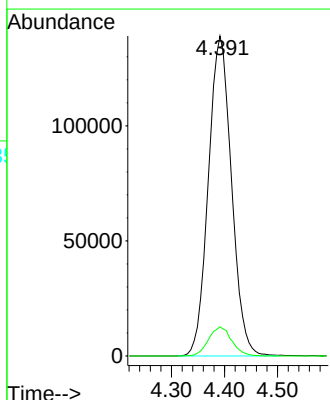
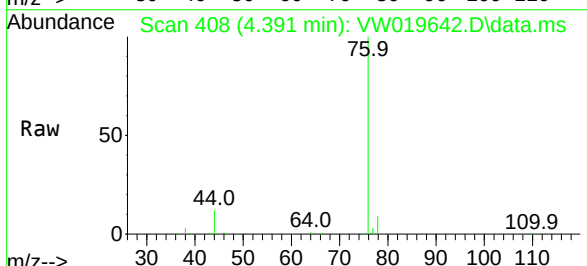
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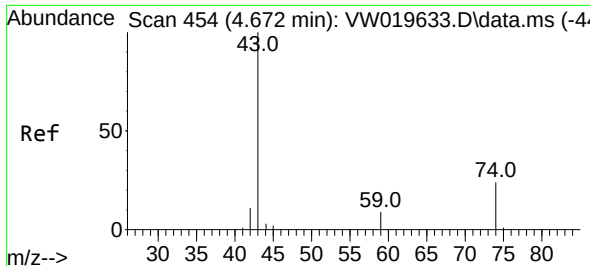
Tgt Ion: 43 Resp: 58880
Ion Ratio Lower Upper
43 100
58 34.0 0.0 53.8



#14
Carbon disulfide
Concen: 22.878 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 76 Resp: 421435
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

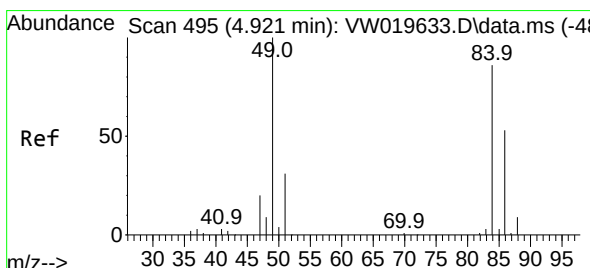
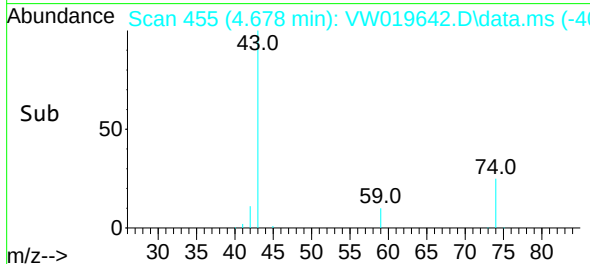
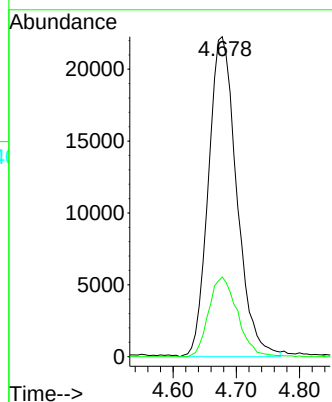
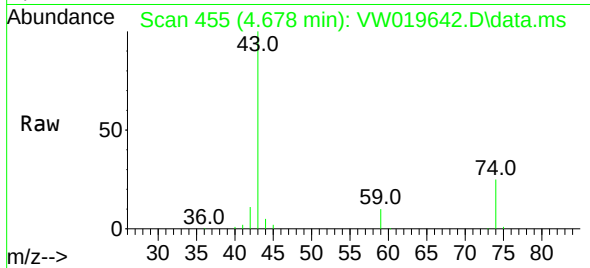




#15
Methyl Acetate
Concen: 23.285 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

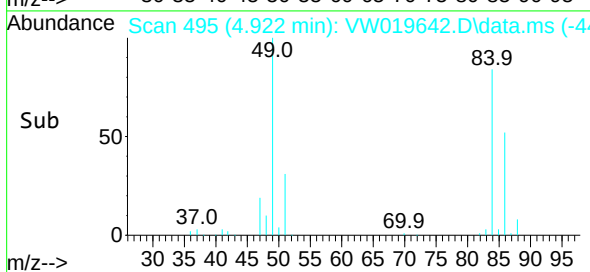
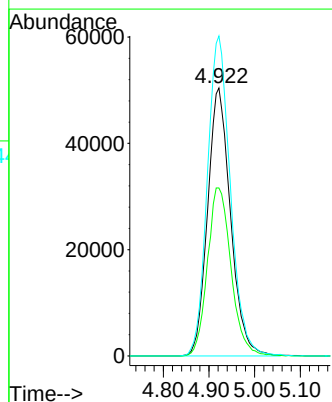
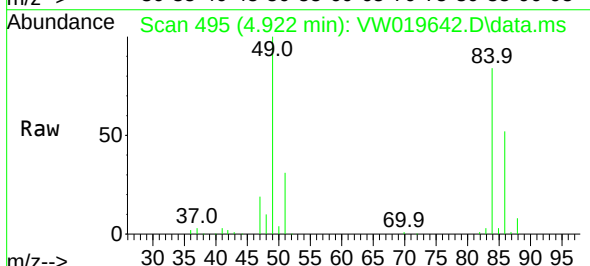
Instrument :
MSVOA_W
ClientSampled :

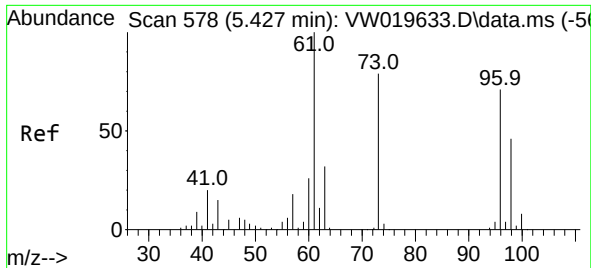
Tgt Ion: 43 Resp: 69196
Ion Ratio Lower Upper
43 100
74 25.2 20.0 30.0



#16
Methylene chloride
Concen: 20.038 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 84 Resp: 176018
Ion Ratio Lower Upper
84 100
86 62.6 45.3 84.1
49 119.4 86.6 160.8



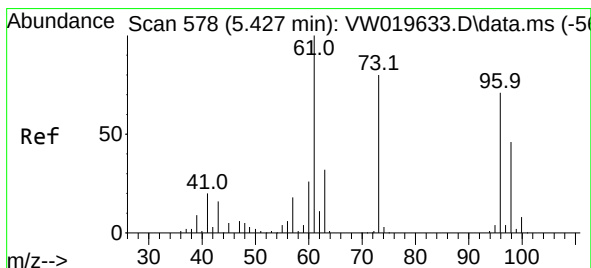
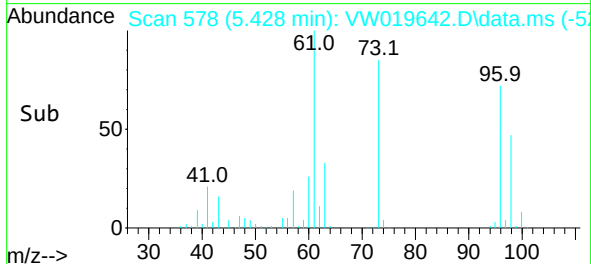
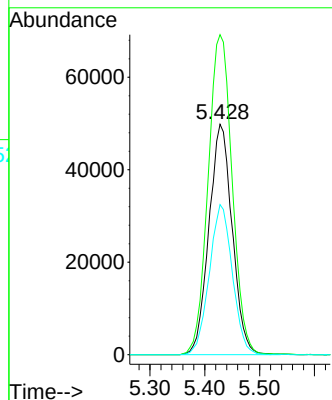
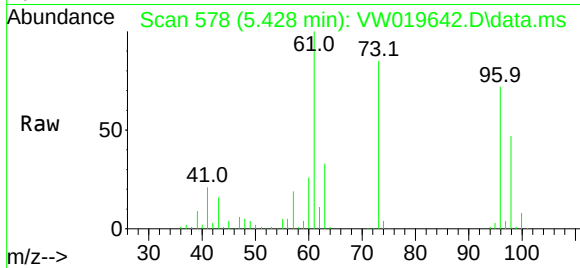


#17
trans-1,2-Dichloroethene
Concen: 23.534 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 147221

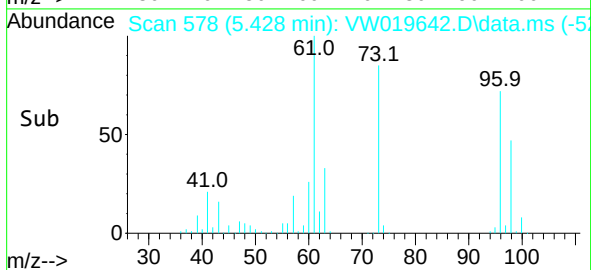
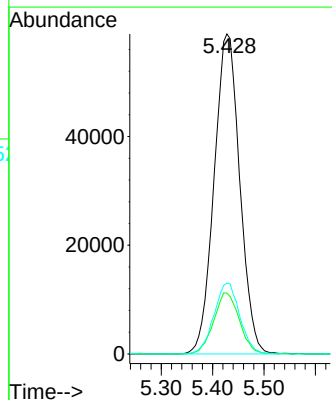
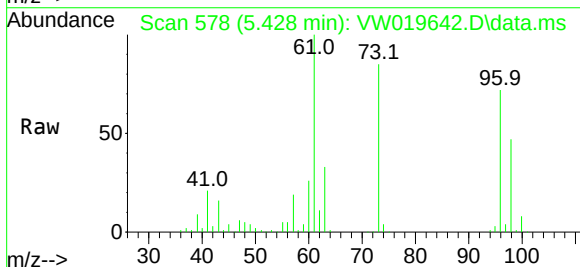
Ion	Ratio	Lower	Upper
96	100		
61	138.9	98.3	182.7
98	65.1	46.1	85.7

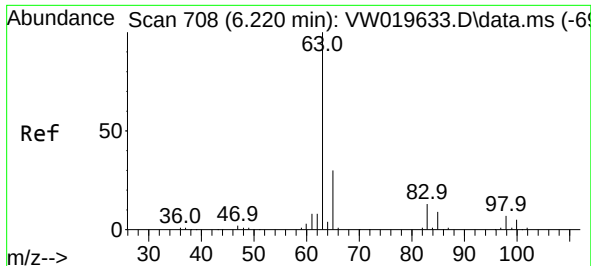


#18
Methyl tert-butyl Ether
Concen: 23.612 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 73 Resp: 204073

Ion	Ratio	Lower	Upper
73	100		
43	19.1	17.7	26.5
57	22.3	17.0	25.4





#19

1,1-Dichloroethane

Concen: 23.886 ug/L

RT: 6.220 min Scan# 708

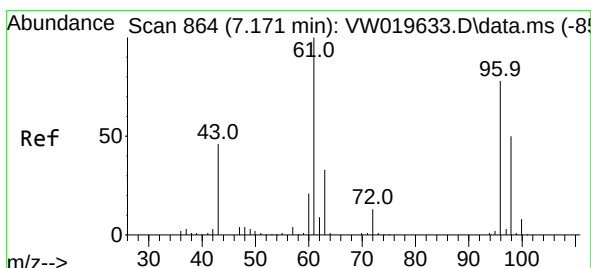
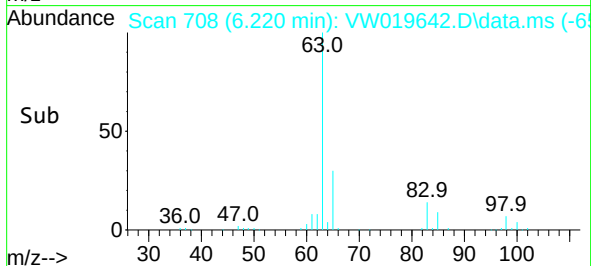
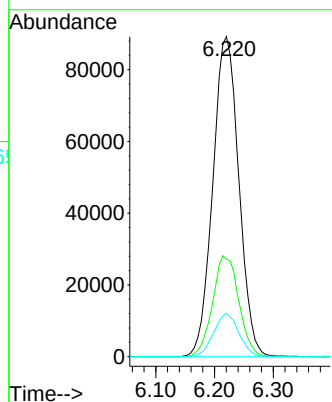
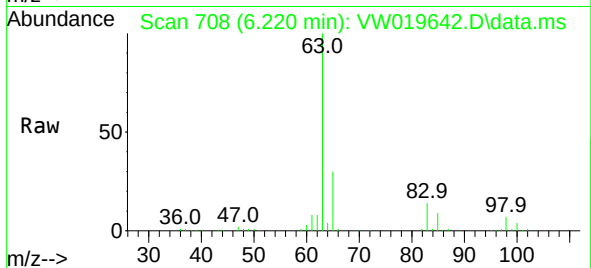
Delta R.T. 0.000 min

Lab File: VW019642.D

Acq: 28 Jul 2021 16:05

Tgt Ion:	63	Resp:	274339
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.9	42.5
83	13.6	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 24.258 ug/L

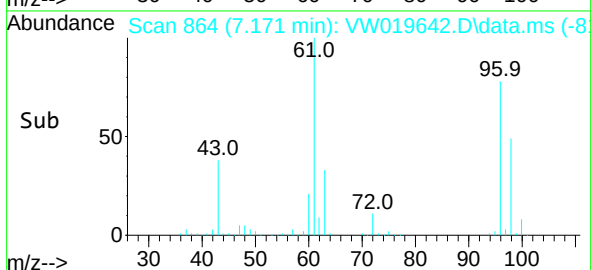
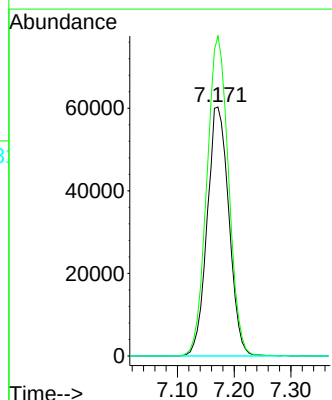
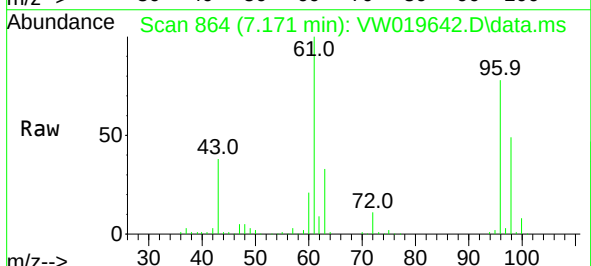
RT: 7.171 min Scan# 864

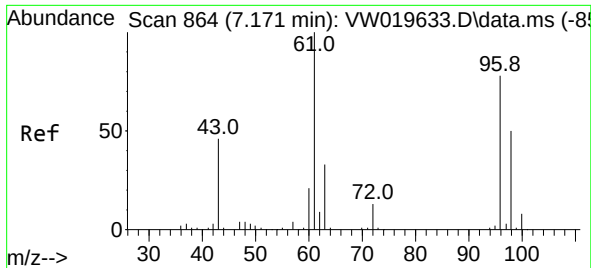
Delta R.T. 0.000 min

Lab File: VW019642.D

Acq: 28 Jul 2021 16:05

Tgt Ion:	96	Resp:	160496
Ion	Ratio	Lower	Upper
96	100		
61	128.6	88.5	164.3
68	0.0	0.0	0.0

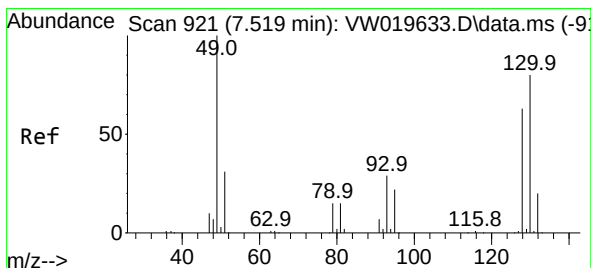
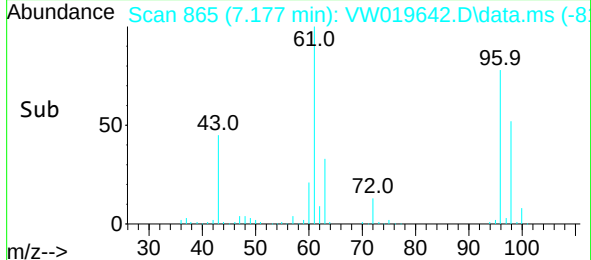
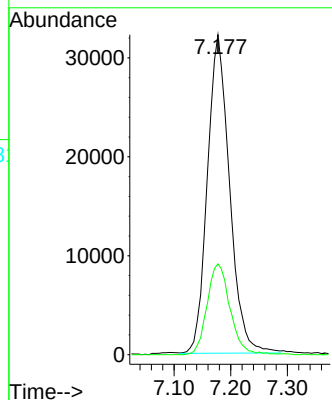
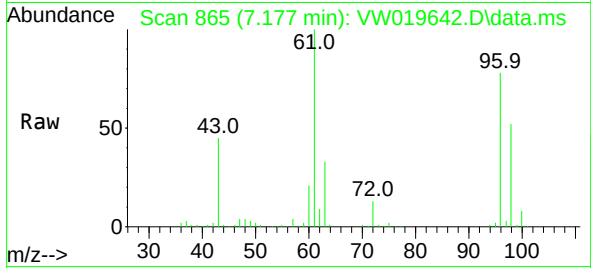




#22
2-Butanone
Concen: 42.394 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

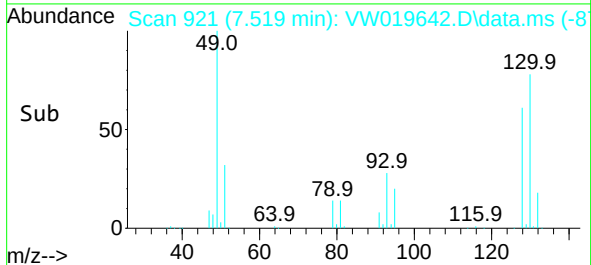
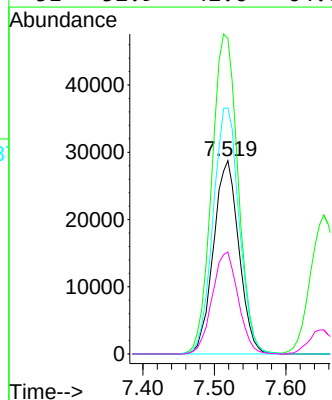
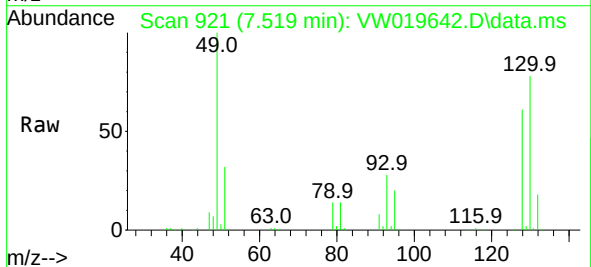
Instrument :
MSVOA_W
ClientSampled :

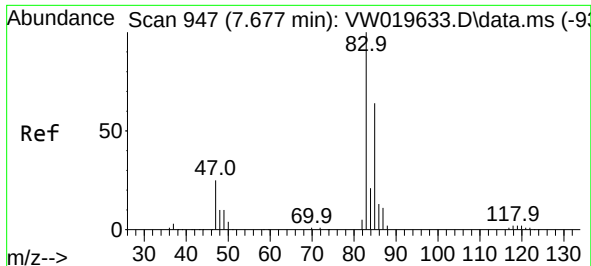
Tgt Ion: 43 Resp: 87584
Ion Ratio Lower Upper
43 100
72 29.4 14.9 44.7



#23
Bromochloromethane
Concen: 23.877 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 128 Resp: 71148
Ion Ratio Lower Upper
128 100
49 163.3 116.3 215.9
130 127.3 82.4 153.0
51 52.9 42.6 64.0

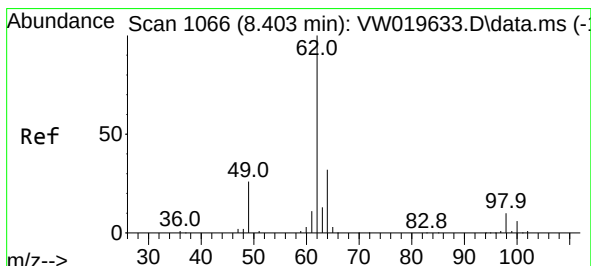
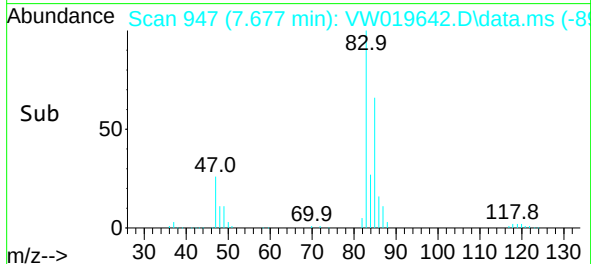
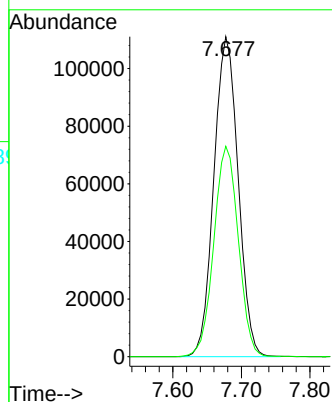
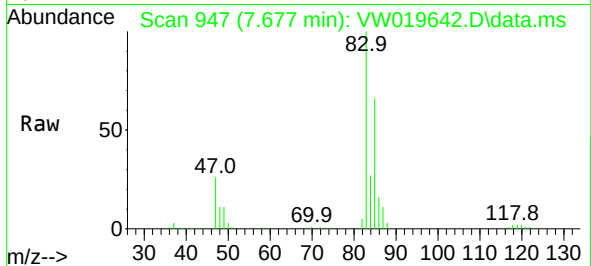




#25
Chloroform
Concen: 24.048 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

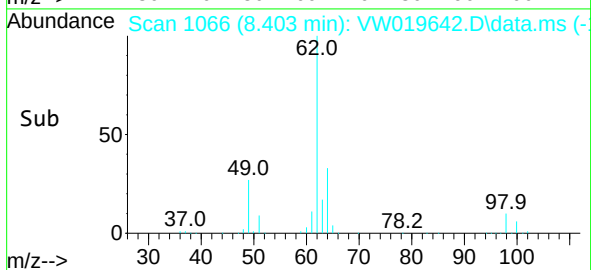
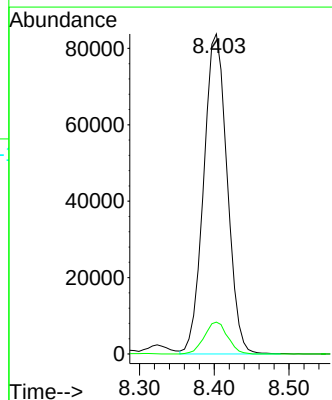
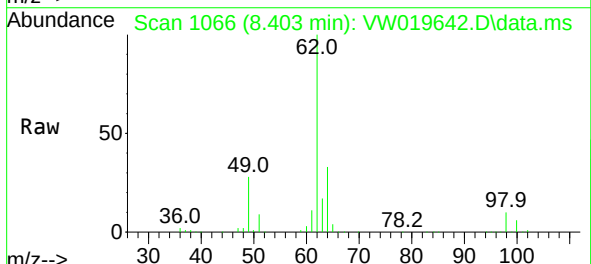
Instrument :
MSVOA_W
ClientSampled :

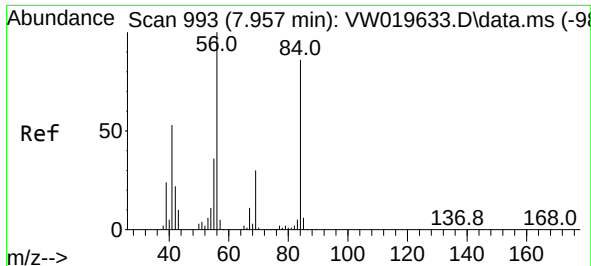
Tgt Ion: 83 Resp: 273209
Ion Ratio Lower Upper
83 100
85 65.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.898 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 62 Resp: 182668
Ion Ratio Lower Upper
62 100
98 9.9 6.9 10.3





#29

Cyclohexane

Concen: 24.121 ug/L

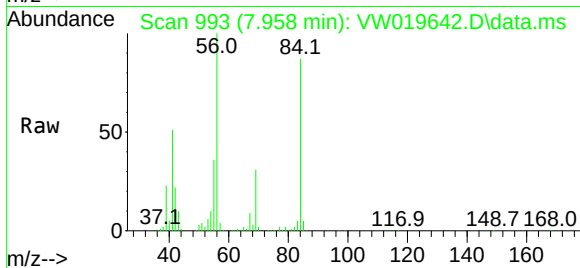
RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

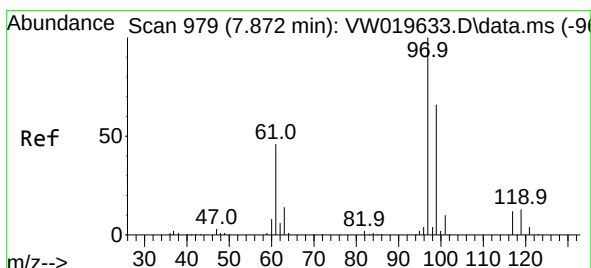
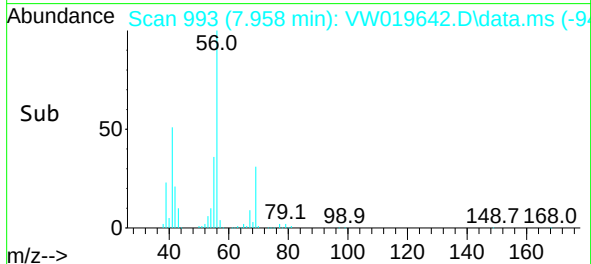
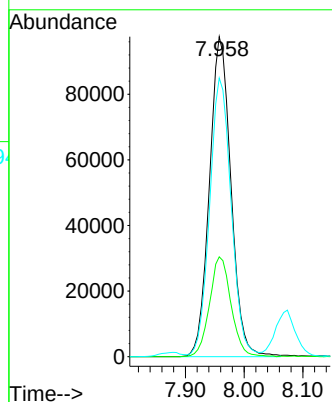
Lab File: VW019642.D

Acq: 28 Jul 2021 16:05

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	56	Resp:	248493
Ion Ratio	Lower	Upper	
56	100		
69	31.2	24.5	36.7
84	87.4	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 26.277 ug/L

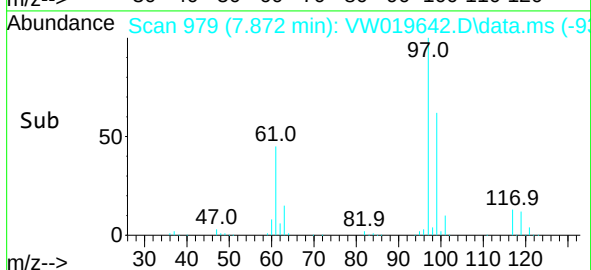
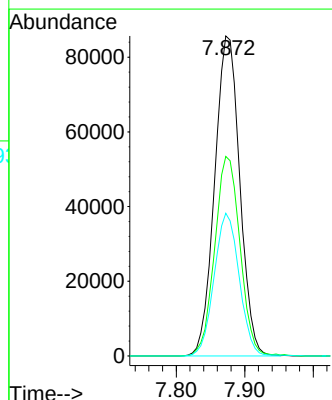
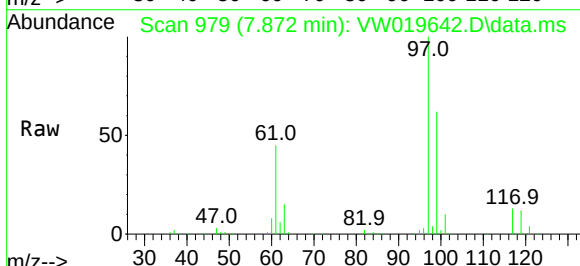
RT: 7.872 min Scan# 979

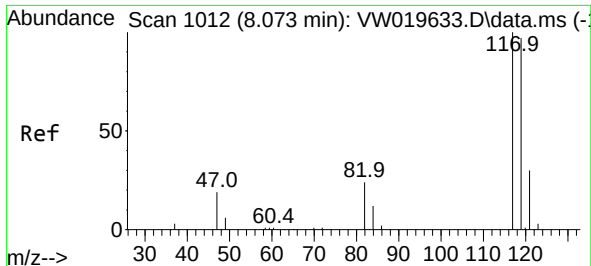
Delta R.T. 0.000 min

Lab File: VW019642.D

Acq: 28 Jul 2021 16:05

Tgt Ion:	97	Resp:	217871
Ion Ratio	Lower	Upper	
97	100		
99	62.7	51.4	77.2
61	44.7	37.8	56.6

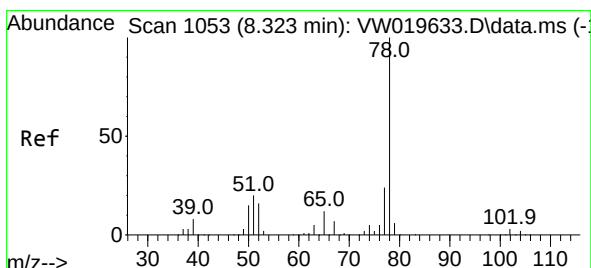
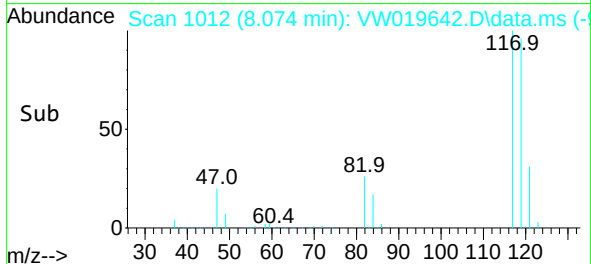
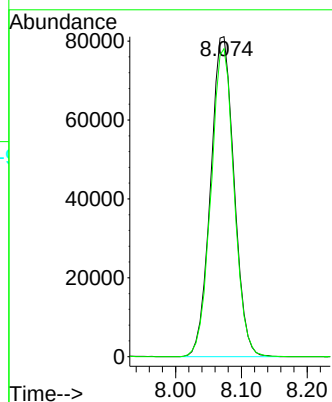
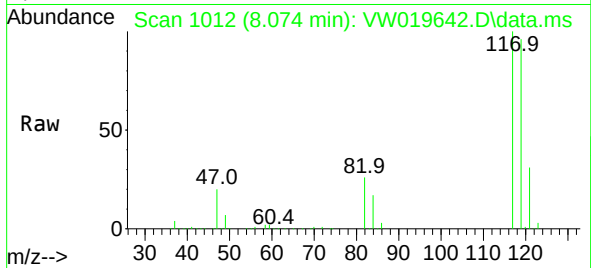




#31
Carbon tetrachloride
Concen: 26.087 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

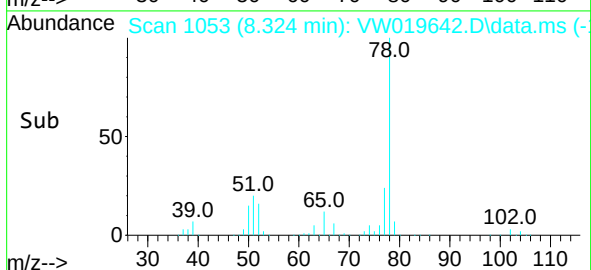
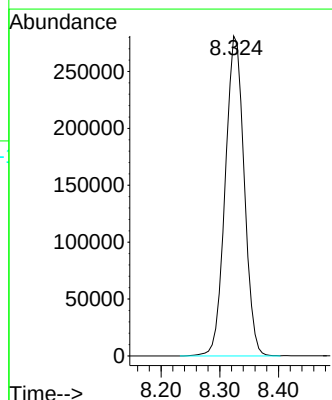
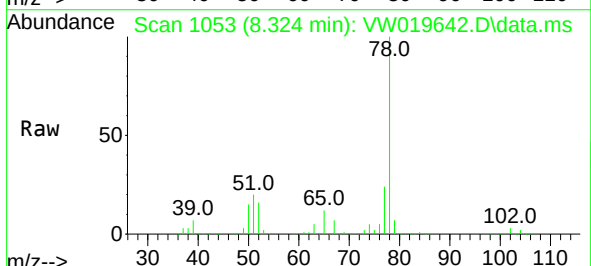
Instrument :
MSVOA_W
ClientSampled :

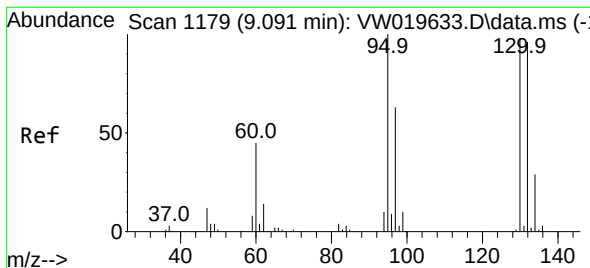
Tgt Ion:117 Resp: 201240
Ion Ratio Lower Upper
117 100
119 95.1 76.5 114.7



#33
Benzene
Concen: 25.064 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 78 Resp: 630236





#34

Trichloroethene

Concen: 24.828 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW019642.D

Acq: 28 Jul 2021 16:05

Tgt Ion: 95 Resp: 159340

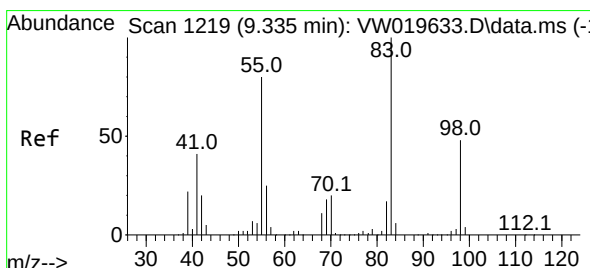
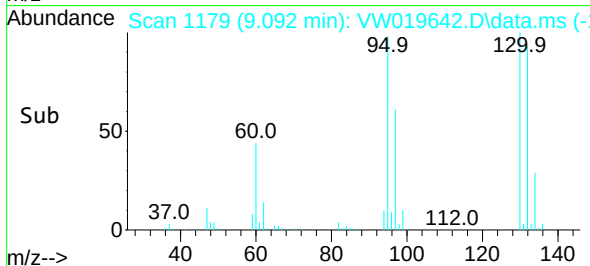
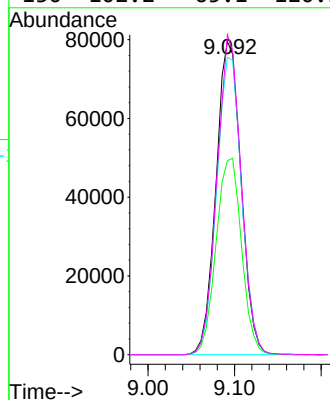
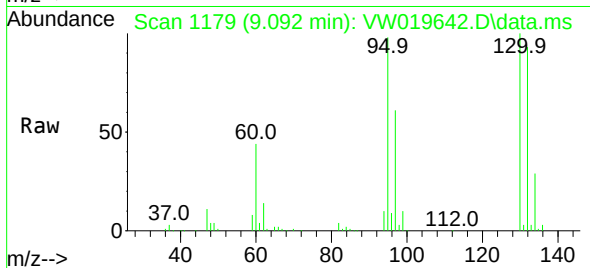
Ion Ratio Lower Upper

95 100

97 62.0 47.3 87.8

132 94.9 71.0 131.8

130 102.2 65.1 120.9



#35

Methylcyclohexane

Concen: 24.983 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW019642.D

Acq: 28 Jul 2021 16:05

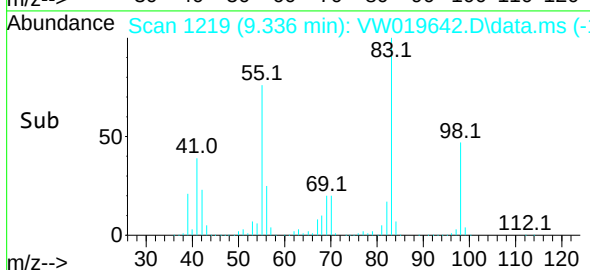
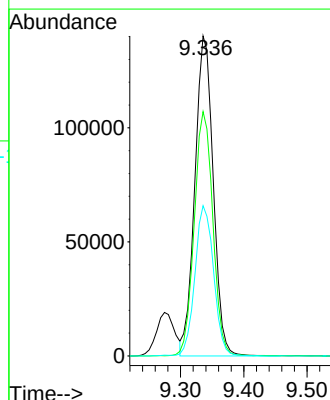
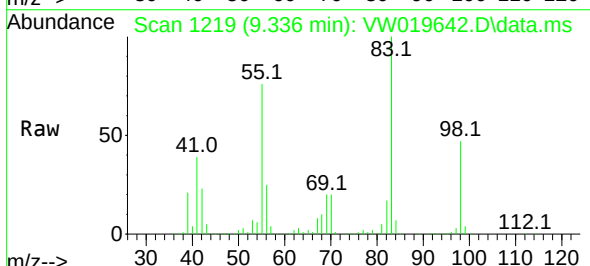
Tgt Ion: 83 Resp: 283735

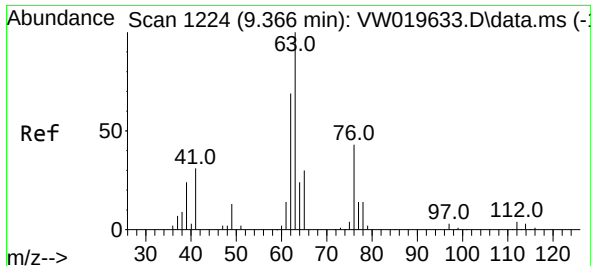
Ion Ratio Lower Upper

83 100

55 77.4 58.9 88.3

98 47.8 40.1 60.1

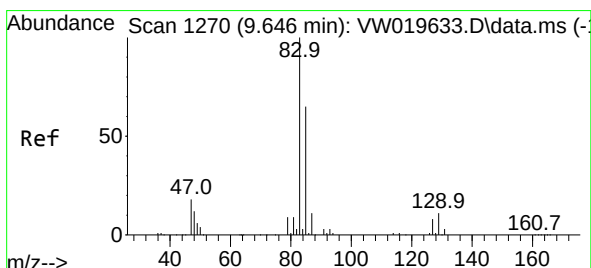
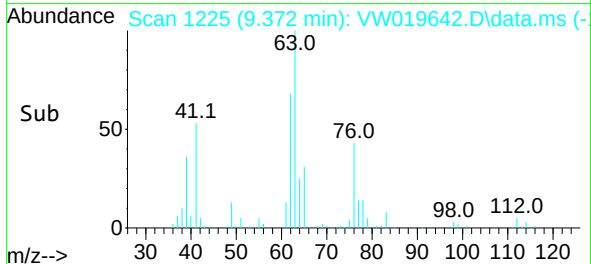
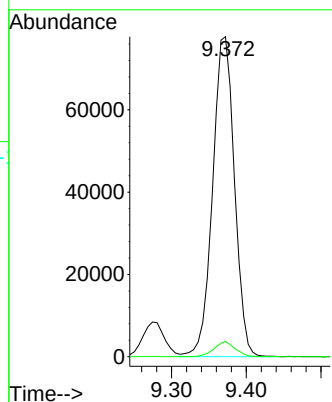
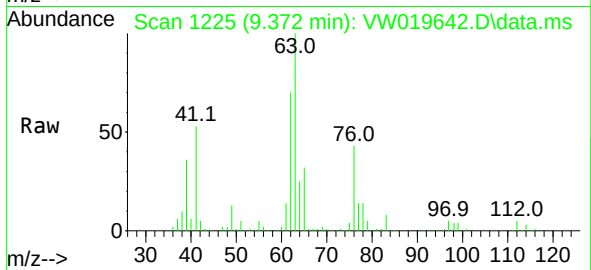




#37
1,2-Dichloropropane
Concen: 24.798 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

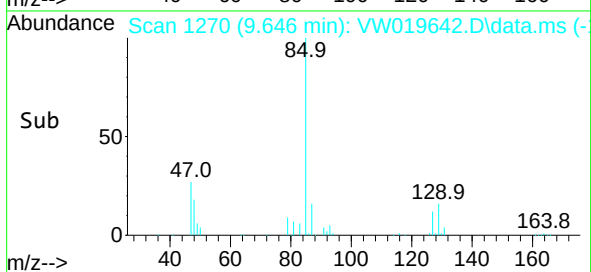
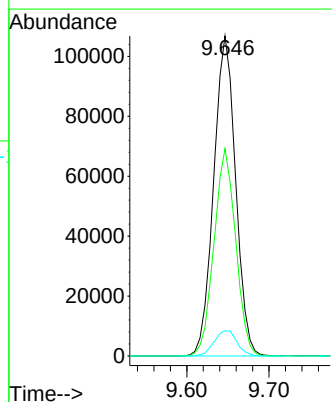
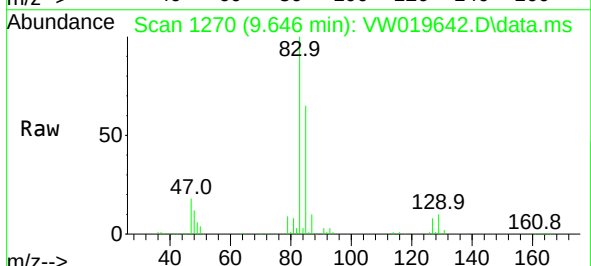
Instrument :
MSVOA_W
ClientSampled :

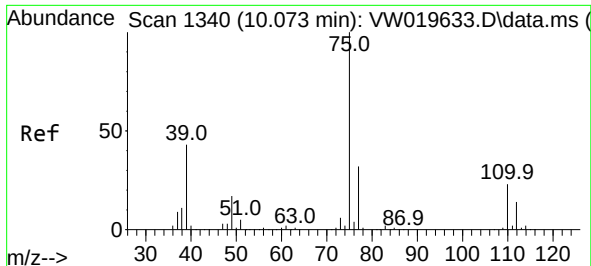
Tgt Ion: 63 Resp: 158016
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 25.068 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 83 Resp: 198077
Ion Ratio Lower Upper
83 100
85 64.8 42.3 78.5
127 7.9 6.6 9.8

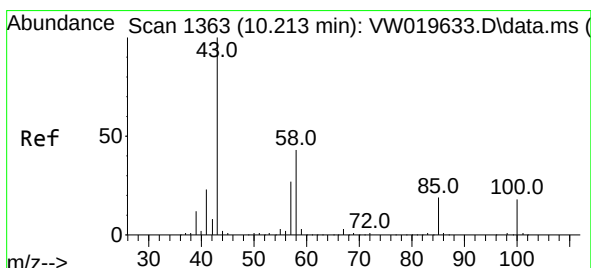
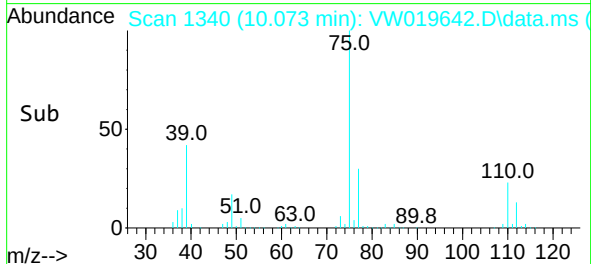
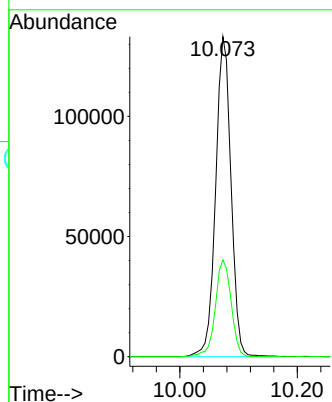
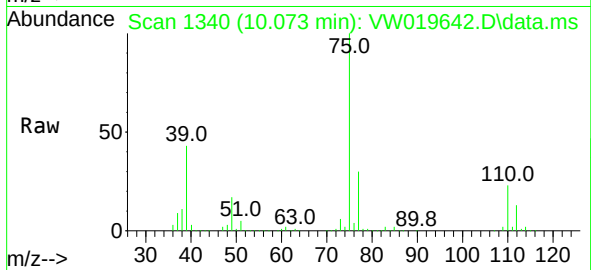




#39
cis-1,3-Dichloropropene
Concen: 24.800 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

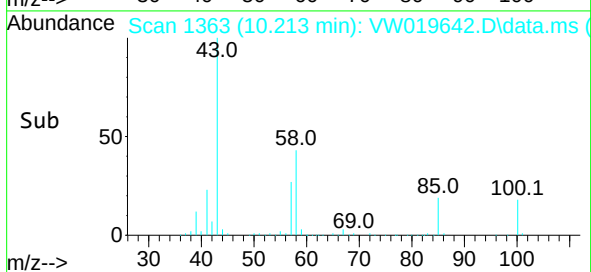
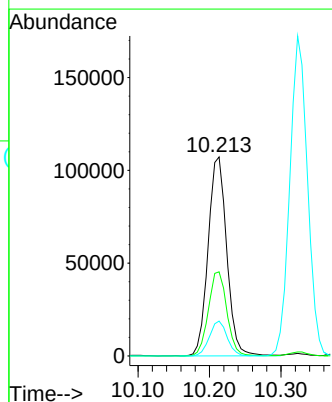
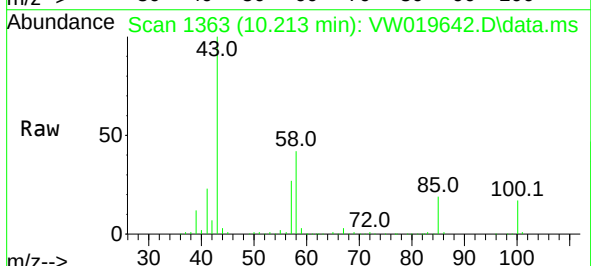
Instrument :
MSVOA_W
ClientSampled :

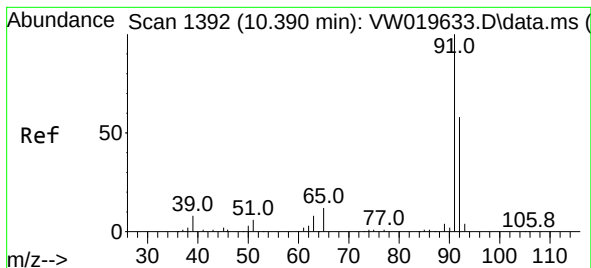
Tgt Ion: 75 Resp: 241674
Ion Ratio Lower Upper
75 100
77 30.2 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 48.259 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion: 43 Resp: 194093
Ion Ratio Lower Upper
43 100
58 42.1 31.0 46.4
100 16.8 13.0 19.6





#42

Toluene

Concen: 25.417 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019642.D

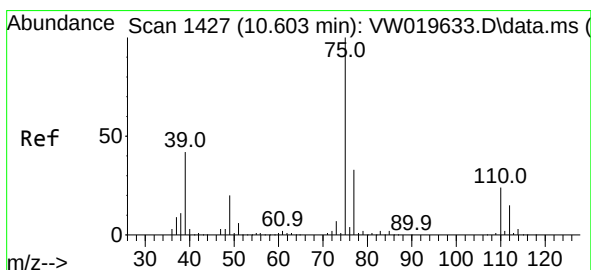
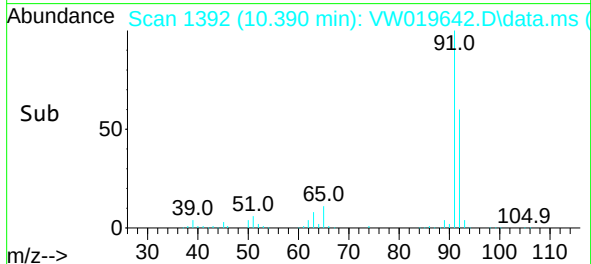
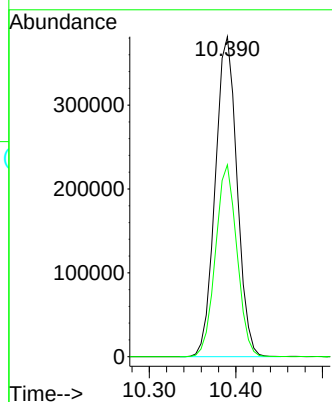
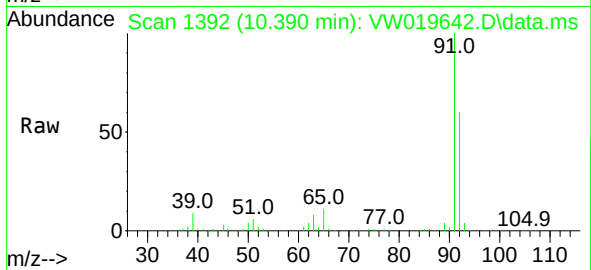
Acq: 28 Jul 2021 16:05

Tgt Ion: 91 Resp: 666144

Ion Ratio Lower Upper

91 100

92 60.0 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 24.707 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW019642.D

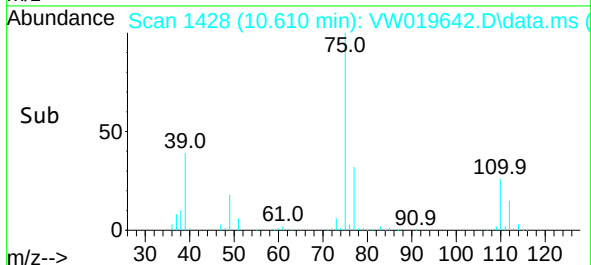
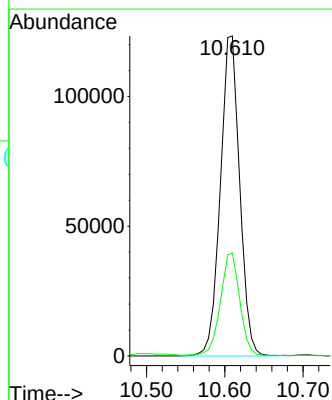
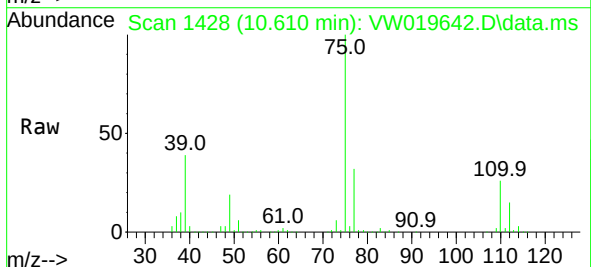
Acq: 28 Jul 2021 16:05

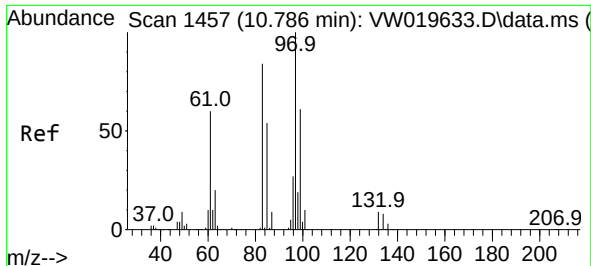
Tgt Ion: 75 Resp: 211787

Ion Ratio Lower Upper

75 100

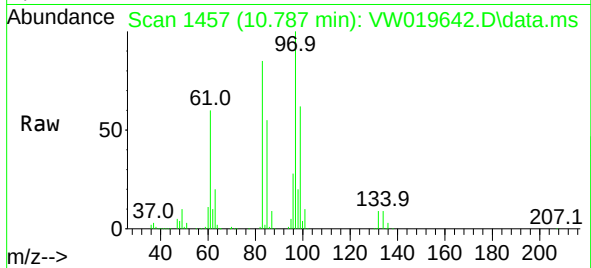
77 32.2 21.1 39.1



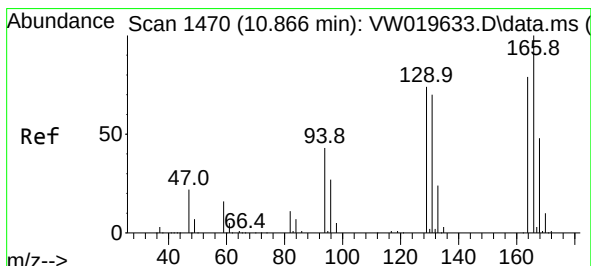
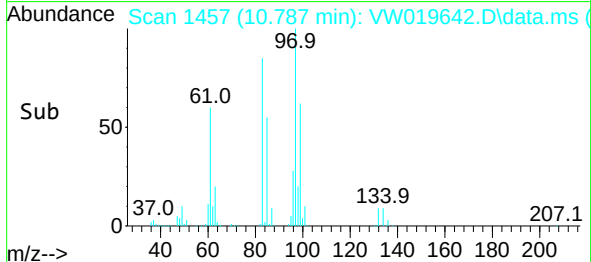
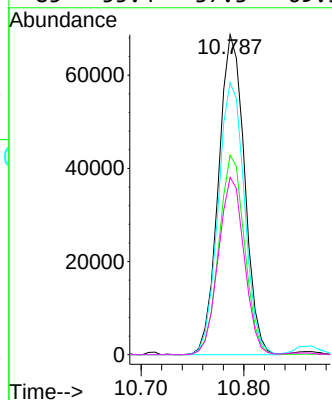


#45
1,1,2-Trichloroethane
Concen: 25.487 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Instrument :
MSVOA_W
ClientSampleId :

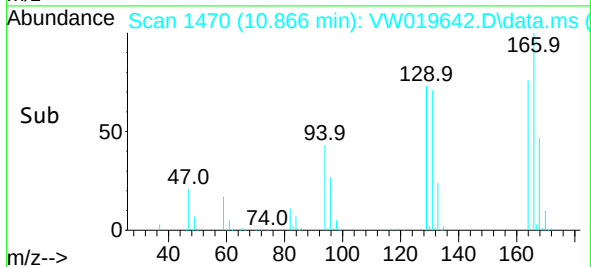
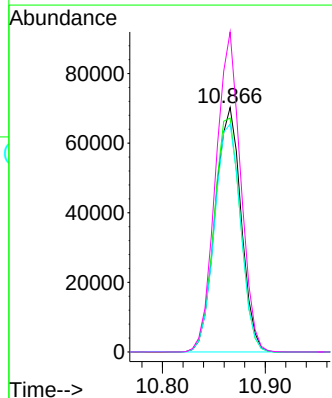
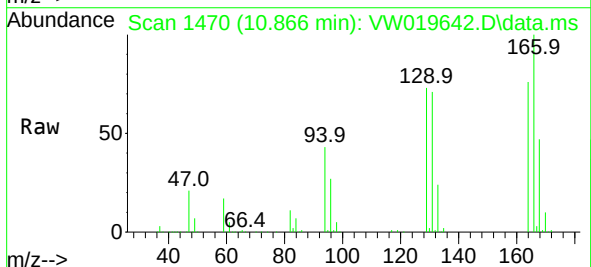


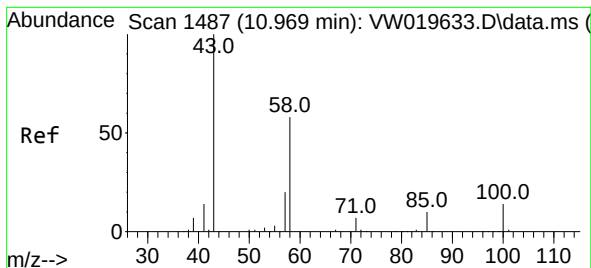
Tgt Ion:	97	Resp:	120842
Ion Ratio	100	Lower	Upper
97	100		
99	62.4	45.1	83.7
83	85.1	58.1	107.9
85	55.4	37.3	69.3



#46
Tetrachloroethene
Concen: 25.154 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion:	164	Resp:	123037
Ion Ratio	100	Lower	Upper
164	100		
129	95.7	66.7	123.9
131	93.1	61.1	113.5
166	130.9	87.0	161.6

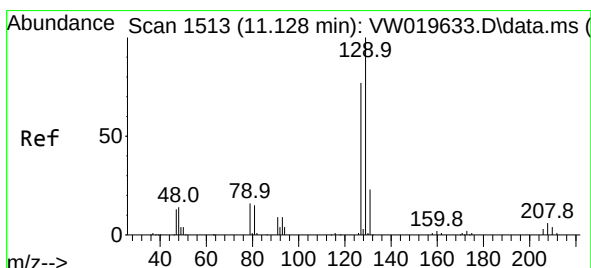
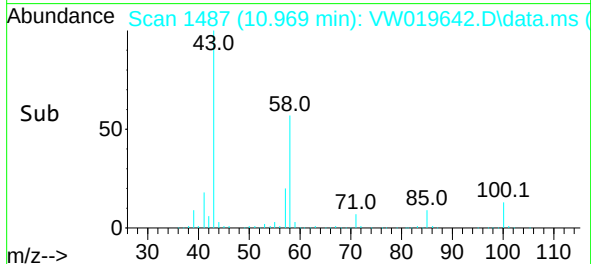
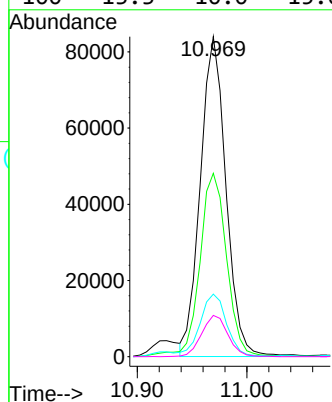
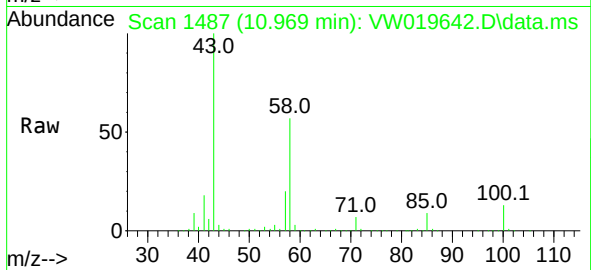




#48
2-Hexanone
Concen: 49.715 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

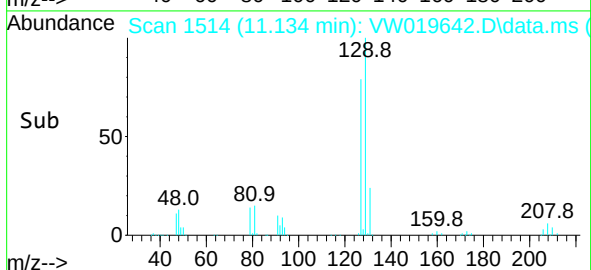
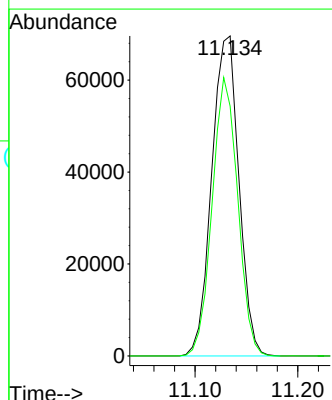
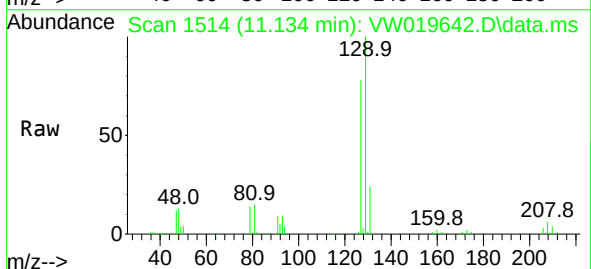
Instrument :
MSVOA_W
ClientSampled :

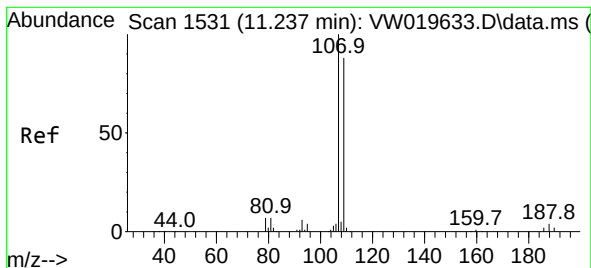
Tgt Ion:	43	Resp:	136182
Ion	Ratio	Lower	Upper
43	100		
58	58.7	42.7	64.1
57	20.6	15.8	23.8
100	13.3	10.0	15.0



#49
Dibromochloromethane
Concen: 25.055 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

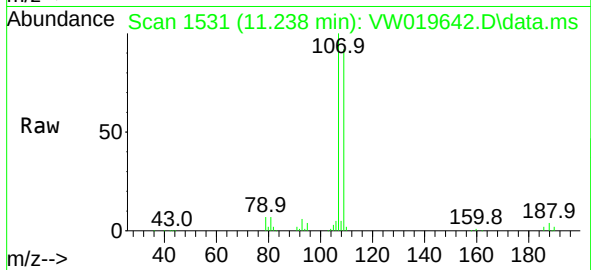
Tgt Ion:	129	Resp:	127752
Ion	Ratio	Lower	Upper
129	100		
127	78.0	51.7	95.9



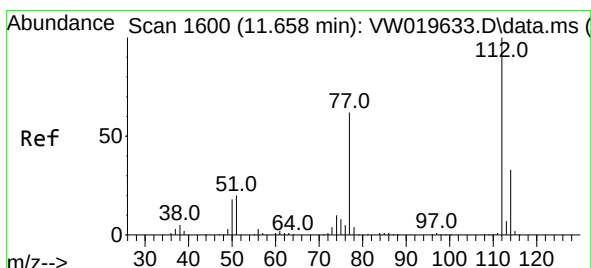
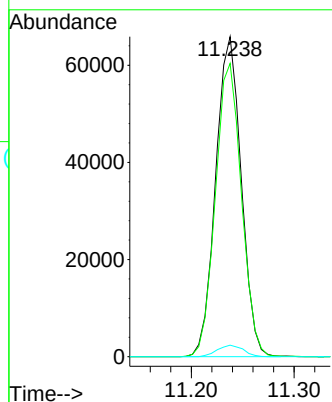
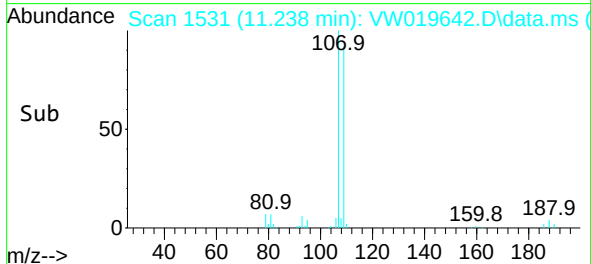


#50
1,2-Dibromoethane
Concen: 24.991 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

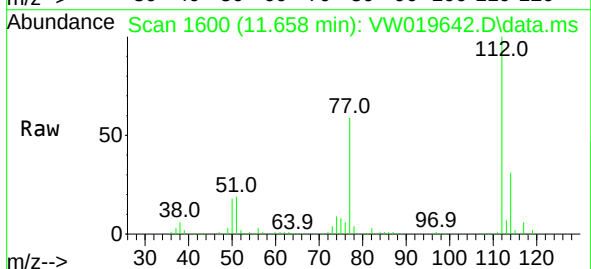
Instrument :
MSVOA_W
ClientSampleId :



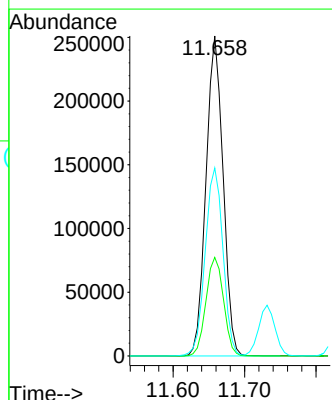
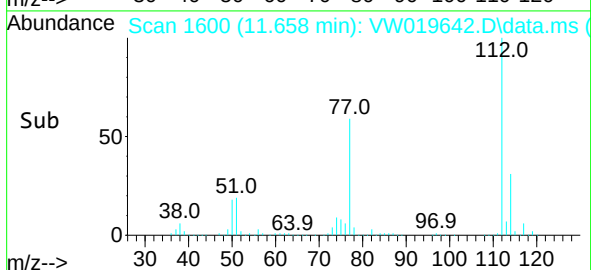
Tgt Ion:107 Resp: 113648
Ion Ratio Lower Upper
107 100
109 91.6 65.4 121.4
188 3.6 2.6 4.0

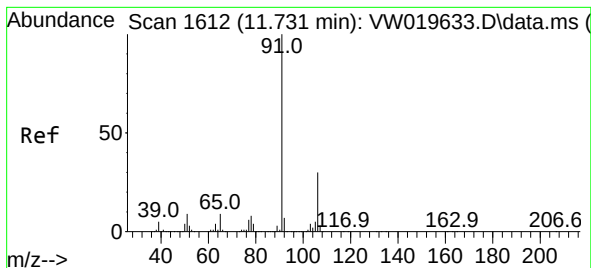


#51
Chlorobenzene
Concen: 25.268 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05



Tgt Ion:112 Resp: 416429
Ion Ratio Lower Upper
112 100
114 30.8 23.4 43.6
77 58.7 47.6 71.4

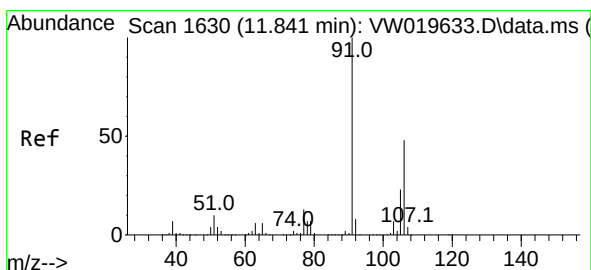
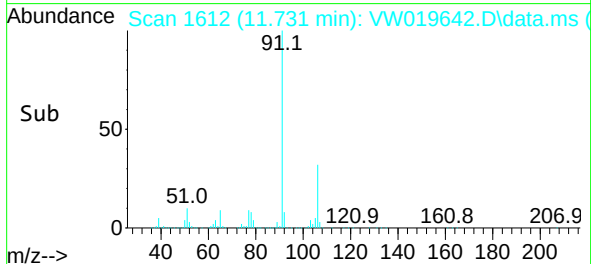
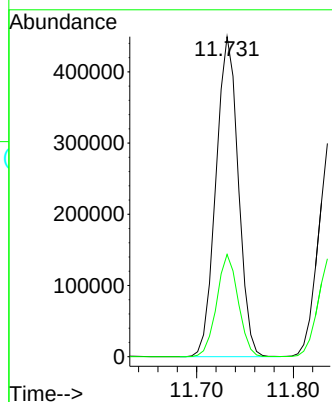
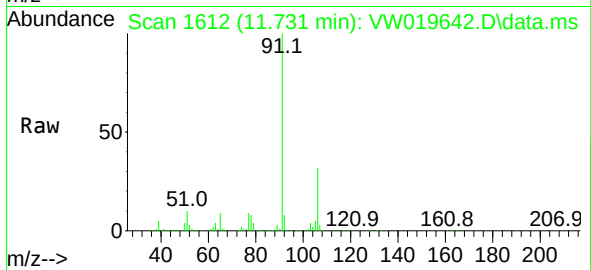




#52
Ethylbenzene
Concen: 25.245 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

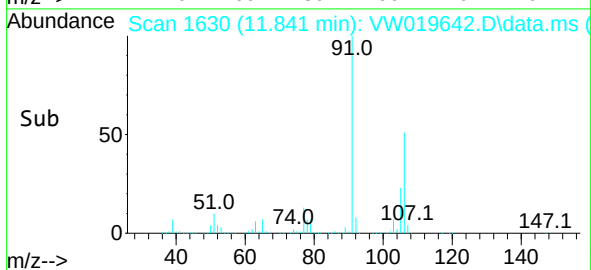
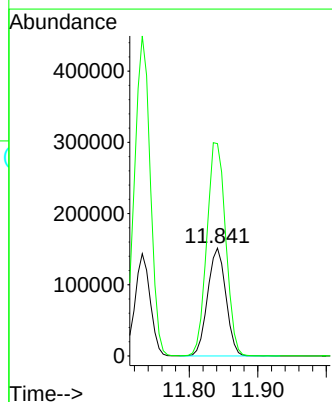
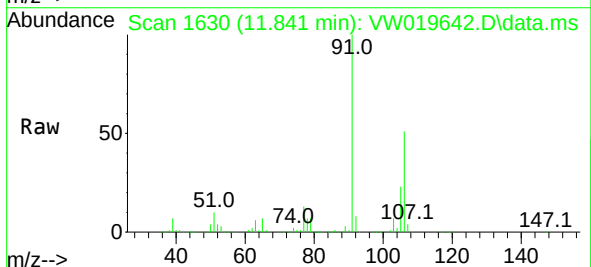
Instrument :
MSVOA_W
ClientSampled :

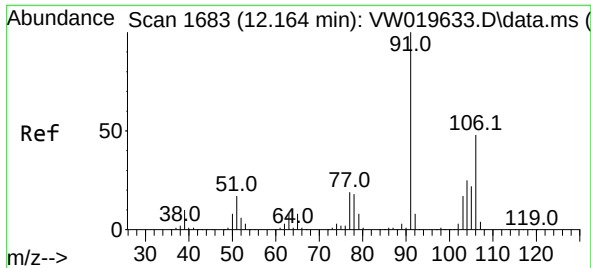
Tgt Ion: 91 Resp: 720284
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.7



#53
m,p-Xylene
Concen: 26.012 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion:106 Resp: 280482
Ion Ratio Lower Upper
106 100
91 196.9 141.3 262.3

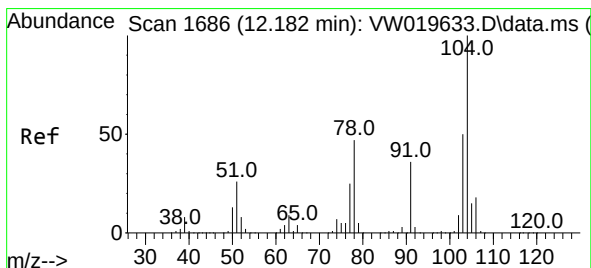
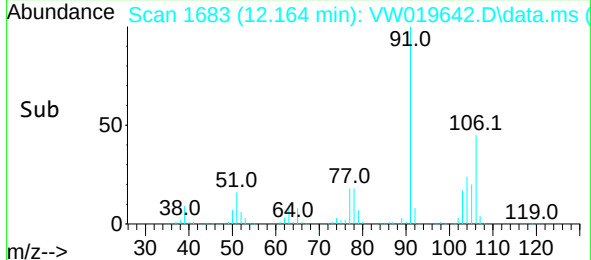
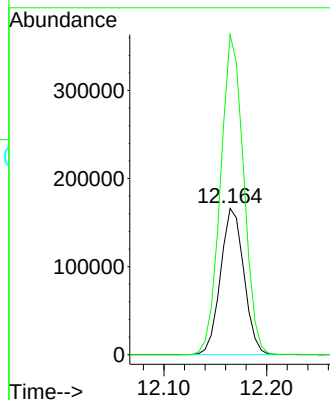
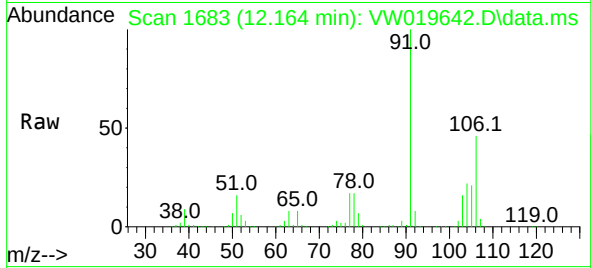




#54
o-Xylene
Concen: 25.752 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

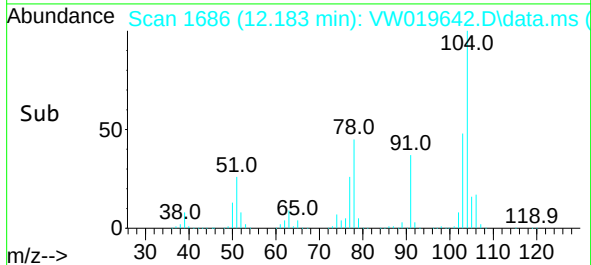
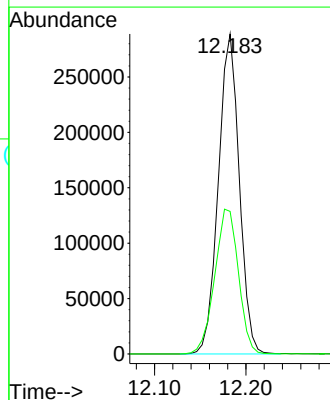
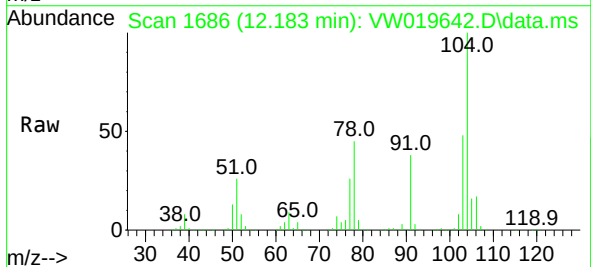
Instrument :
MSVOA_W
ClientSampled :

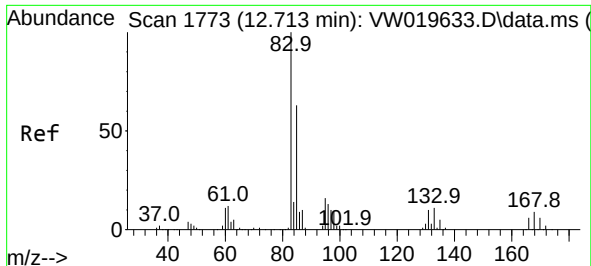
Tgt Ion:106 Resp: 262397
Ion Ratio Lower Upper
106 100
91 218.7 150.0 278.6



#55
Styrene
Concen: 26.092 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion:104 Resp: 460653
Ion Ratio Lower Upper
104 100
78 44.6 32.5 60.3

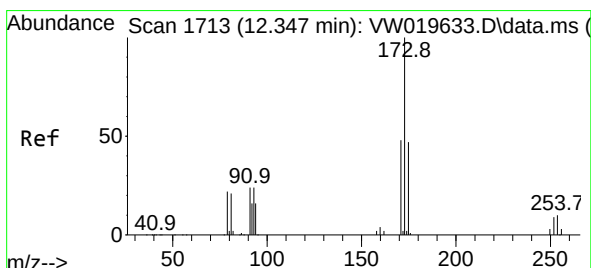
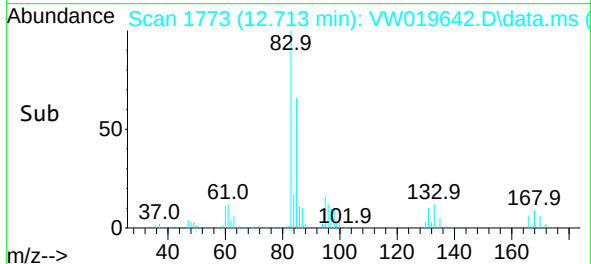
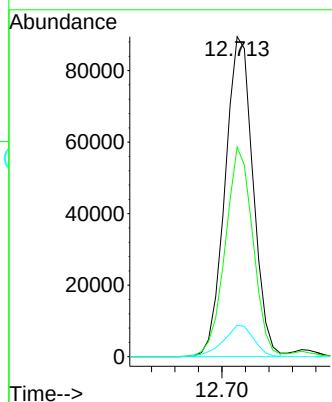
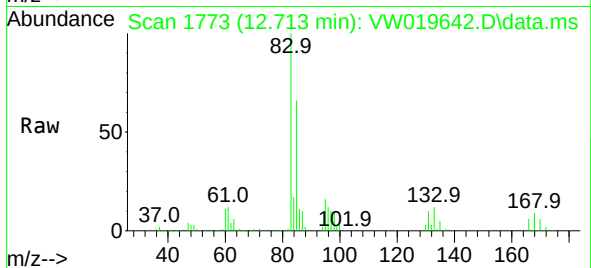




#57
1,1,2,2-Tetrachloroethane
Concen: 25.298 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

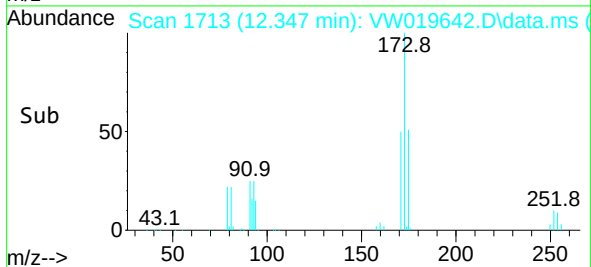
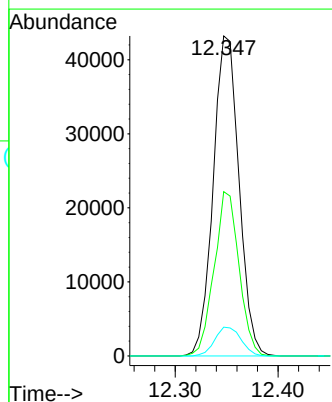
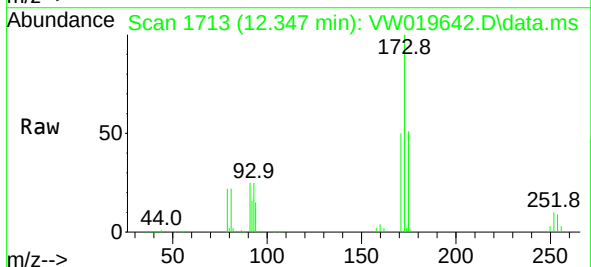
Instrument :
MSVOA_W
ClientSampled :

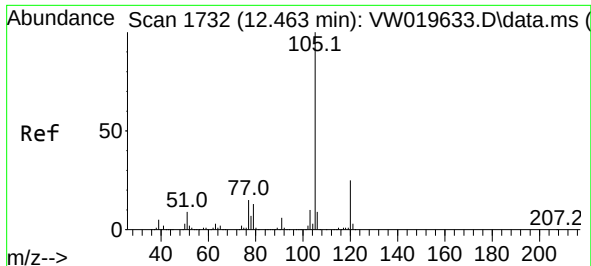
Tgt Ion: 83 Resp: 147715
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.4
131 9.9 8.2 12.4



#59
Bromoform
Concen: 24.675 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

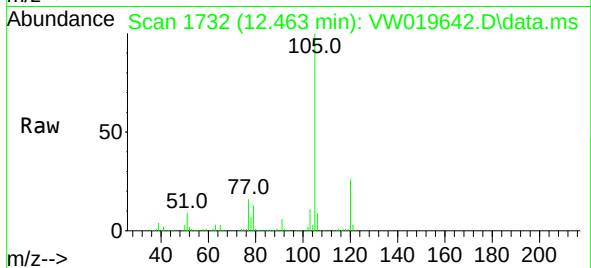
Tgt Ion:173 Resp: 75228
Ion Ratio Lower Upper
173 100
175 49.5 37.5 56.3
254 9.2 7.0 10.4



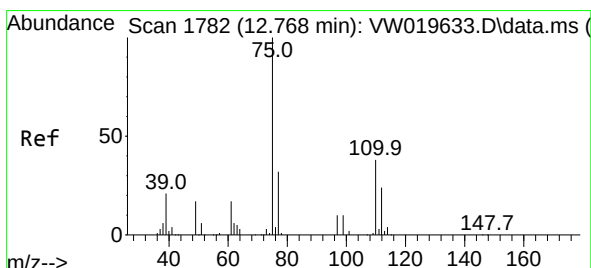
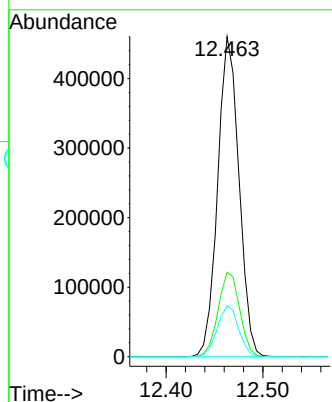
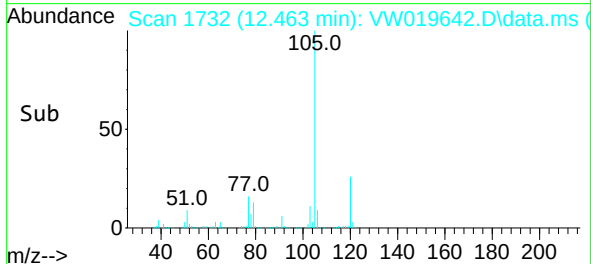


#60
Isopropylbenzene
Concen: 24.477 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

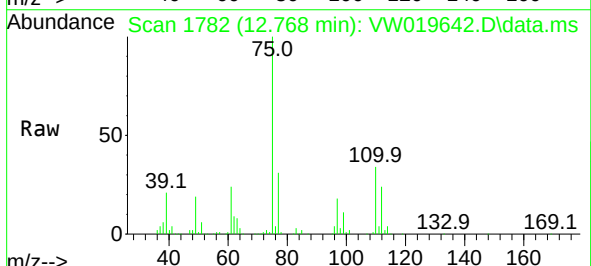
Instrument :
MSVOA_W
ClientSampled :



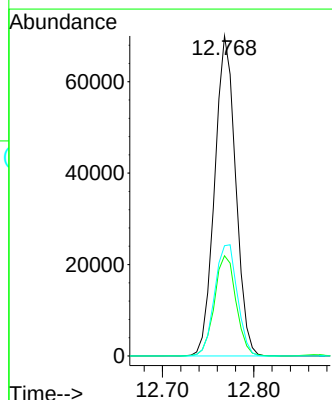
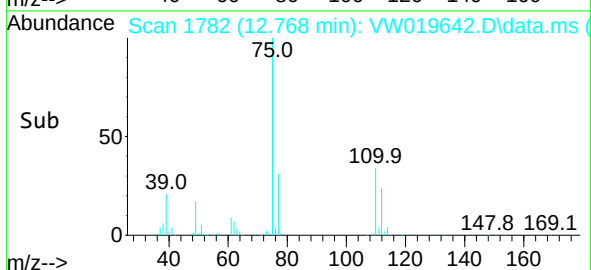
Tgt Ion:105 Resp: 702630
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 16.1 13.2 19.8

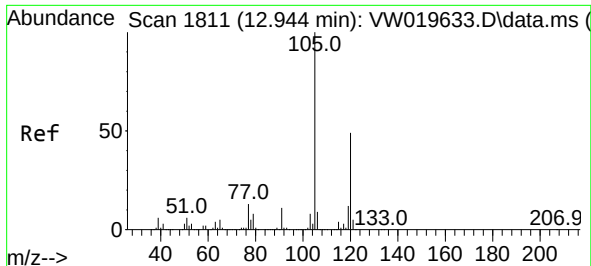


#61
1,2,3-Trichloropropane
Concen: 23.882 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05



Tgt Ion: 75 Resp: 111743
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 37.6 32.6 48.8

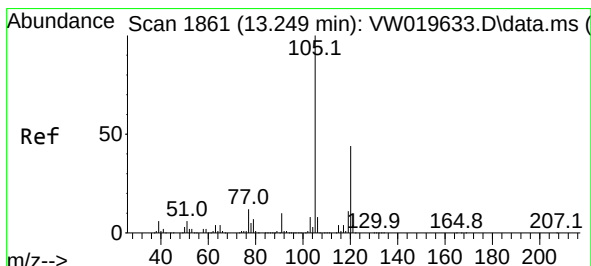
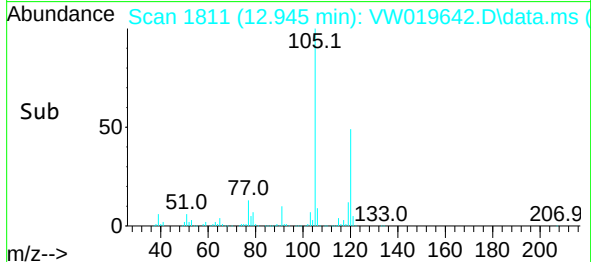
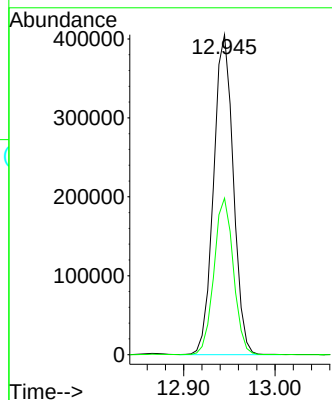
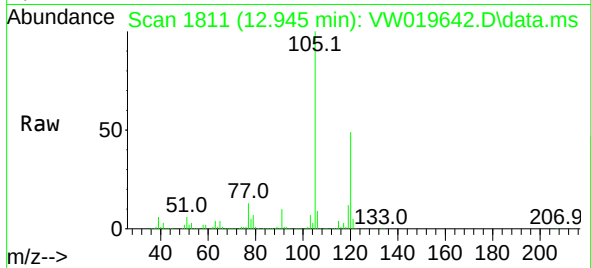




#62
1,3,5-Trimethylbenzene
Concen: 25.255 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

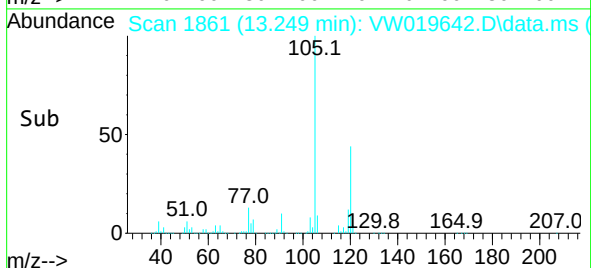
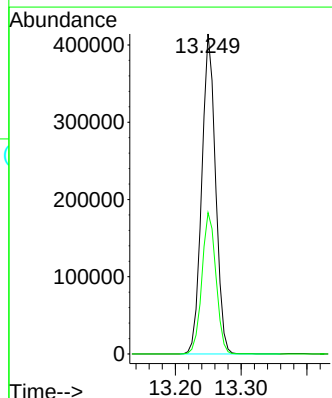
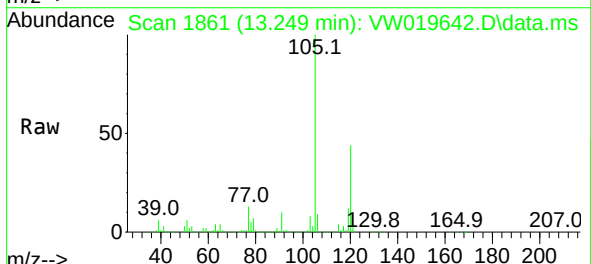
Instrument :
MSVOA_W
ClientSampled :

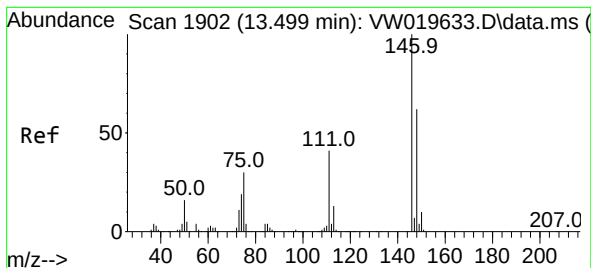
Tgt Ion:105 Resp: 606999
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.979 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion:105 Resp: 604940
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4

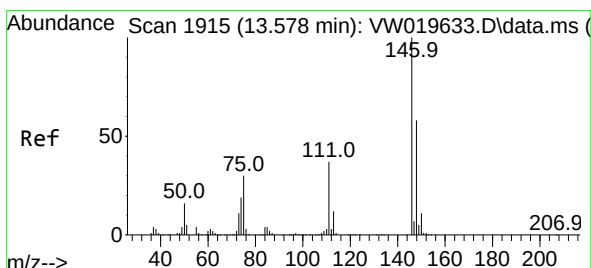
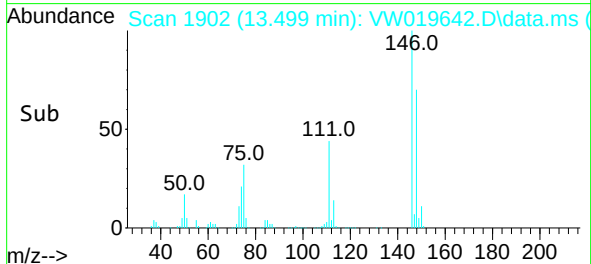
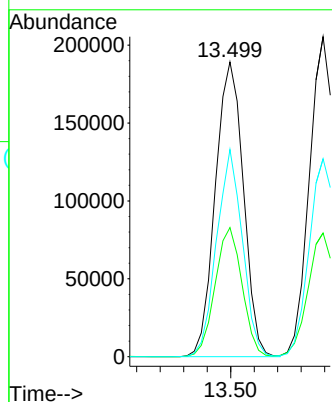
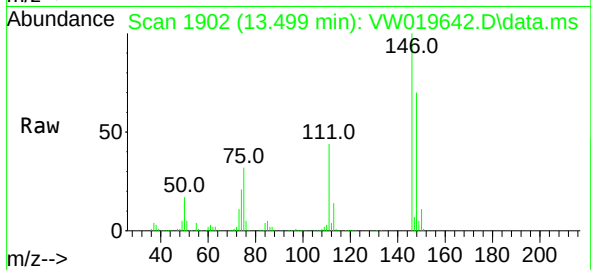




#64
1,3-Dichlorobenzene
Concen: 23.914 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

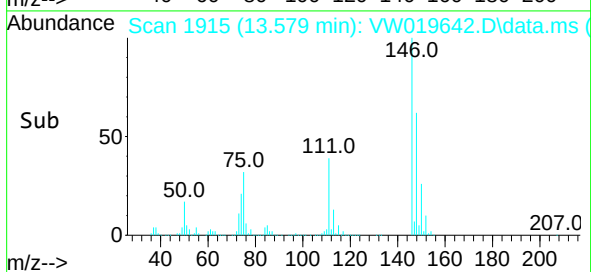
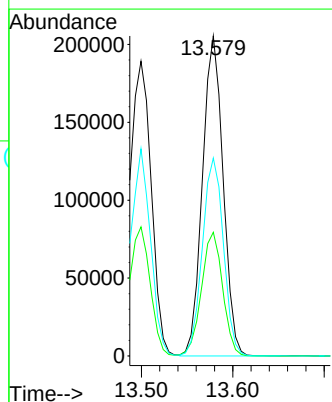
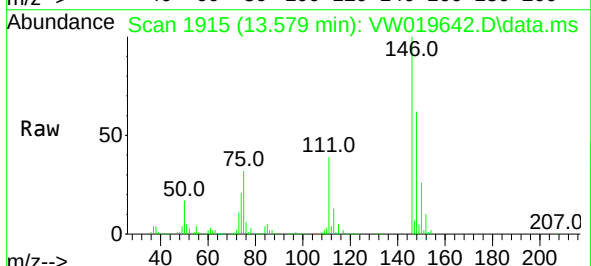
Instrument :
MSVOA_W
ClientSampleId :

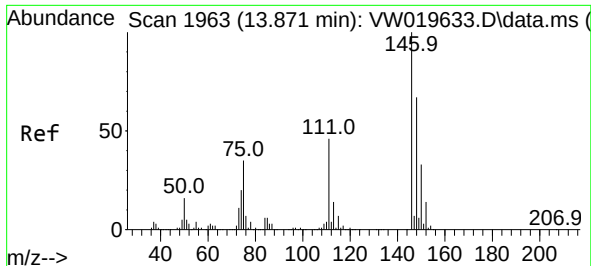
Tgt Ion:146 Resp: 314140
Ion Ratio Lower Upper
146 100
111 43.8 26.7 49.7
148 70.3 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 24.806 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

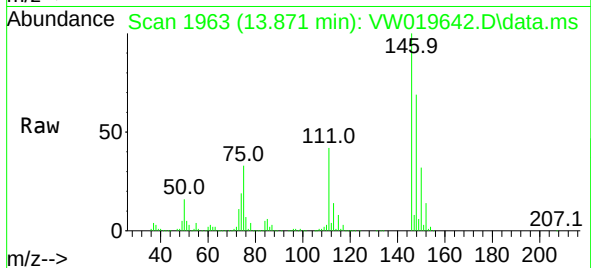
Tgt Ion:146 Resp: 321984
Ion Ratio Lower Upper
146 100
111 38.7 28.8 53.4
148 61.8 46.8 87.0



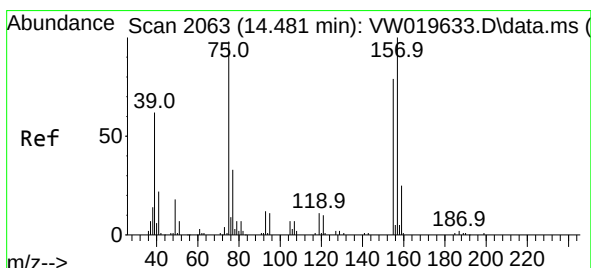
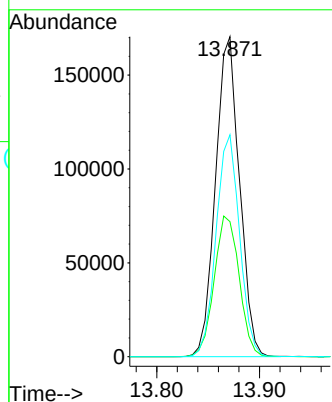
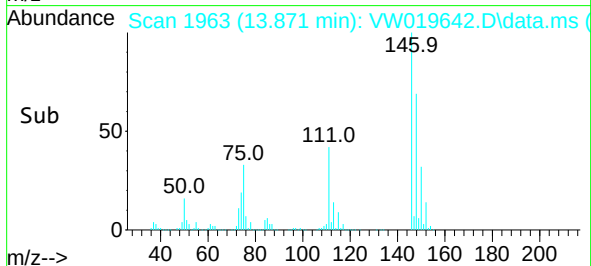


#67
1,2-Dichlorobenzene
Concen: 23.348 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

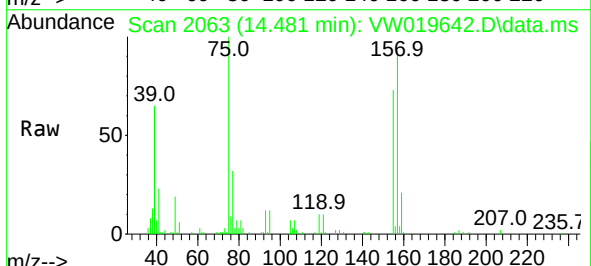
Instrument :
MSVOA_W
ClientSampled :



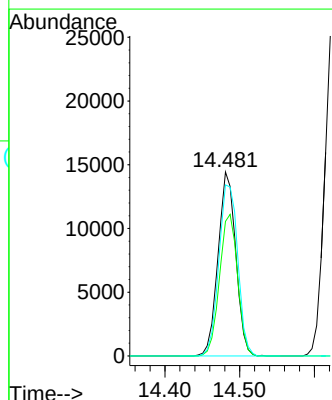
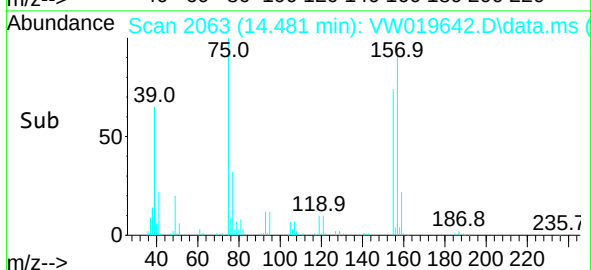
Tgt Ion:146 Resp: 276302
Ion Ratio Lower Upper
146 100
111 42.2 33.2 49.8
148 69.4 50.4 75.6

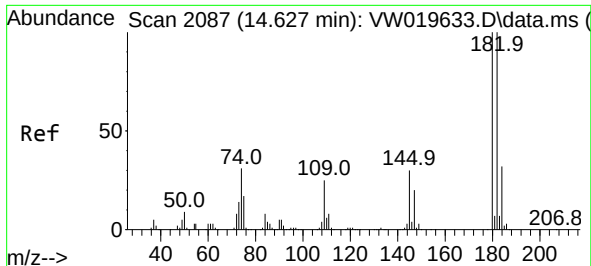


#68
1,2-Dibromo-3-chloropropane
Concen: 23.270 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05



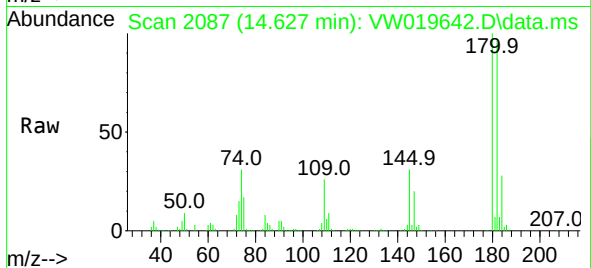
Tgt Ion: 75 Resp: 23760
Ion Ratio Lower Upper
75 100
155 73.1 59.4 89.0
157 93.0 72.2 108.2



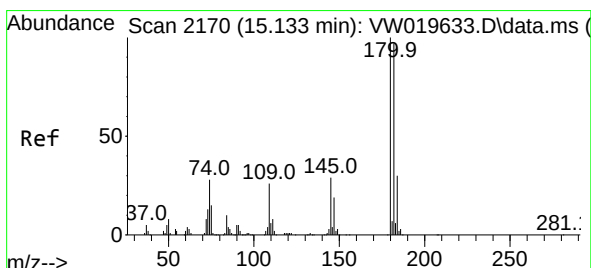
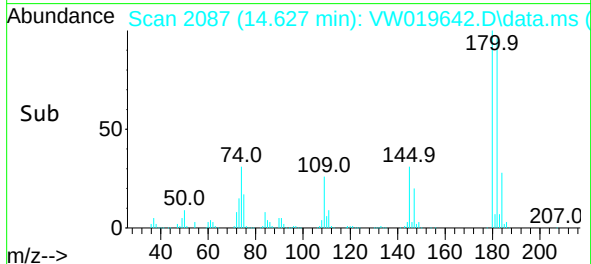
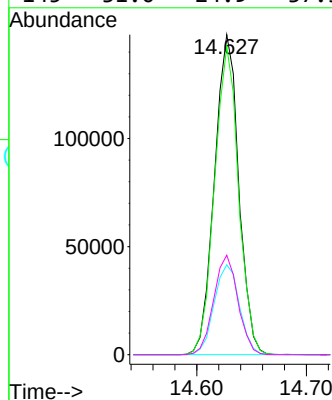


#69
1,3,5-Trichlorobenzene
Concen: 23.715 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

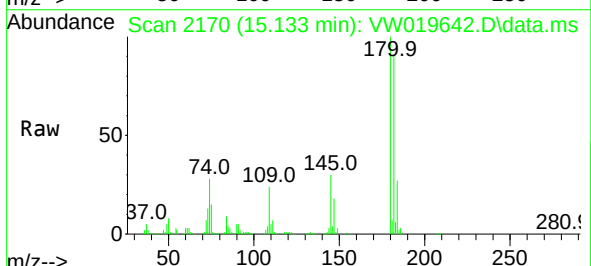
Instrument :
MSVOA_W
ClientSampleId :



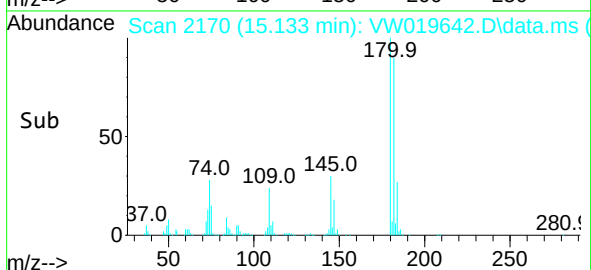
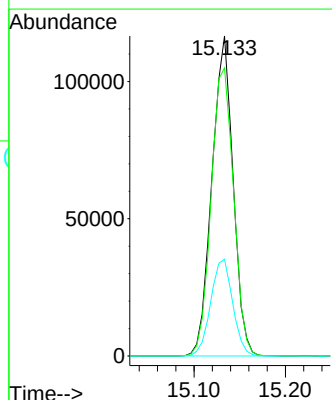
Tgt Ion:180 Resp: 227617
Ion Ratio Lower Upper
180 100
182 95.4 73.4 110.2
184 29.3 23.6 35.4
145 31.0 24.9 37.3

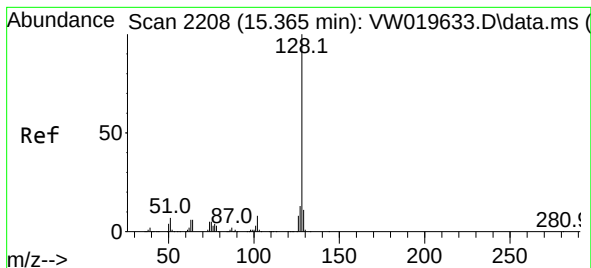


#70
1,2,4-trichlorobenzene
Concen: 23.350 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05



Tgt Ion:180 Resp: 187381
Ion Ratio Lower Upper
180 100
182 95.4 74.7 112.1
145 31.5 25.0 37.4

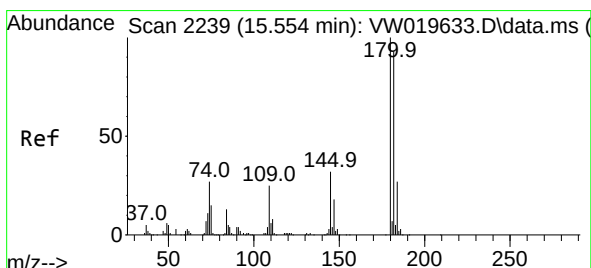
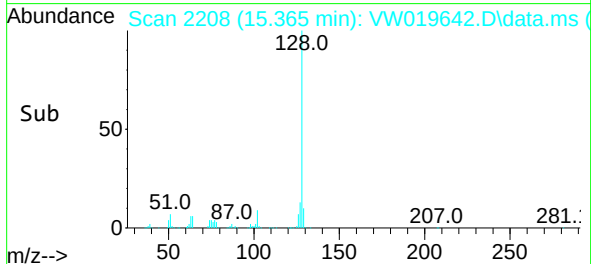
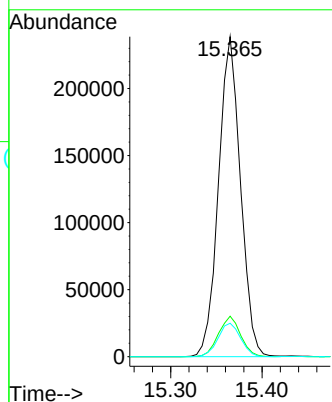
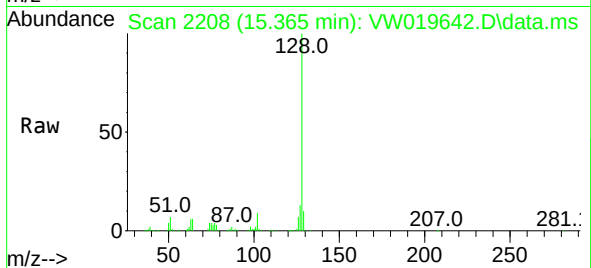




#71
Naphthalene
Concen: 24.600 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 398711
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.204 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW019642.D
Acq: 28 Jul 2021 16:05

Tgt Ion:180 Resp: 173941
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 33.2 28.9 43.3

