

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019566.D
 Acq On : 22 Jul 2021 20:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 01:52:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 23 01:46:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	410281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	392446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	203649	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	109989	18.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
7) Chloroethane-d5	2.898	69	86201	20.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
11) 1,1-Dichloroethene-d2	4.032	63	227376	20.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.080%
21) 2-Butanone-d5	7.080	46	73886	43.791	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.580%
24) Chloroform-d	7.653	84	242498	21.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.560%
26) 1,2-Dichloroethane-d4	8.311	65	135068	21.711	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.275	84	470760	20.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	9.274	67	149147	20.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.920%
41) Toluene-d8	10.323	98	428942	20.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	10.579	79	63292	20.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.200%
47) 2-Hexanone-d5	10.927	63	59285	43.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.780%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	129849	22.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	148099	20.611	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	108549	22.210	ug/L	91
3) Chloromethane	2.221	50	113939	22.719	ug/L	97
5) Vinyl chloride	2.367	62	166346	24.099	ug/L	97
6) Bromomethane	2.788	94	94855	24.853	ug/L	97
8) Chloroethane	2.934	64	94209	25.642	ug/L	96
9) Trichlorofluoromethane	3.269	101	105368	25.129	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	132218	24.650	ug/L	96
12) 1,1-Dichloroethene	4.050	96	131417	24.535	ug/L	97
13) Acetone	4.135	43	50707	40.786	ug/L	85
14) Carbon disulfide	4.391	76	409348	23.866	ug/L	99
15) Methyl Acetate	4.678	43	69163	24.995	ug/L	99
16) Methylene chloride	4.922	84	173606	21.225	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	145683	25.011	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	205469	25.532	ug/L	95
19) 1,1-Dichloroethane	6.220	63	272415	25.473	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	155474	25.237	ug/L	95
22) 2-Butanone	7.177	43	85794	44.598	ug/L	98
23) Bromochloromethane	7.519	128	71352	25.717	ug/L	98
25) Chloroform	7.677	83	274865	25.983	ug/L	99

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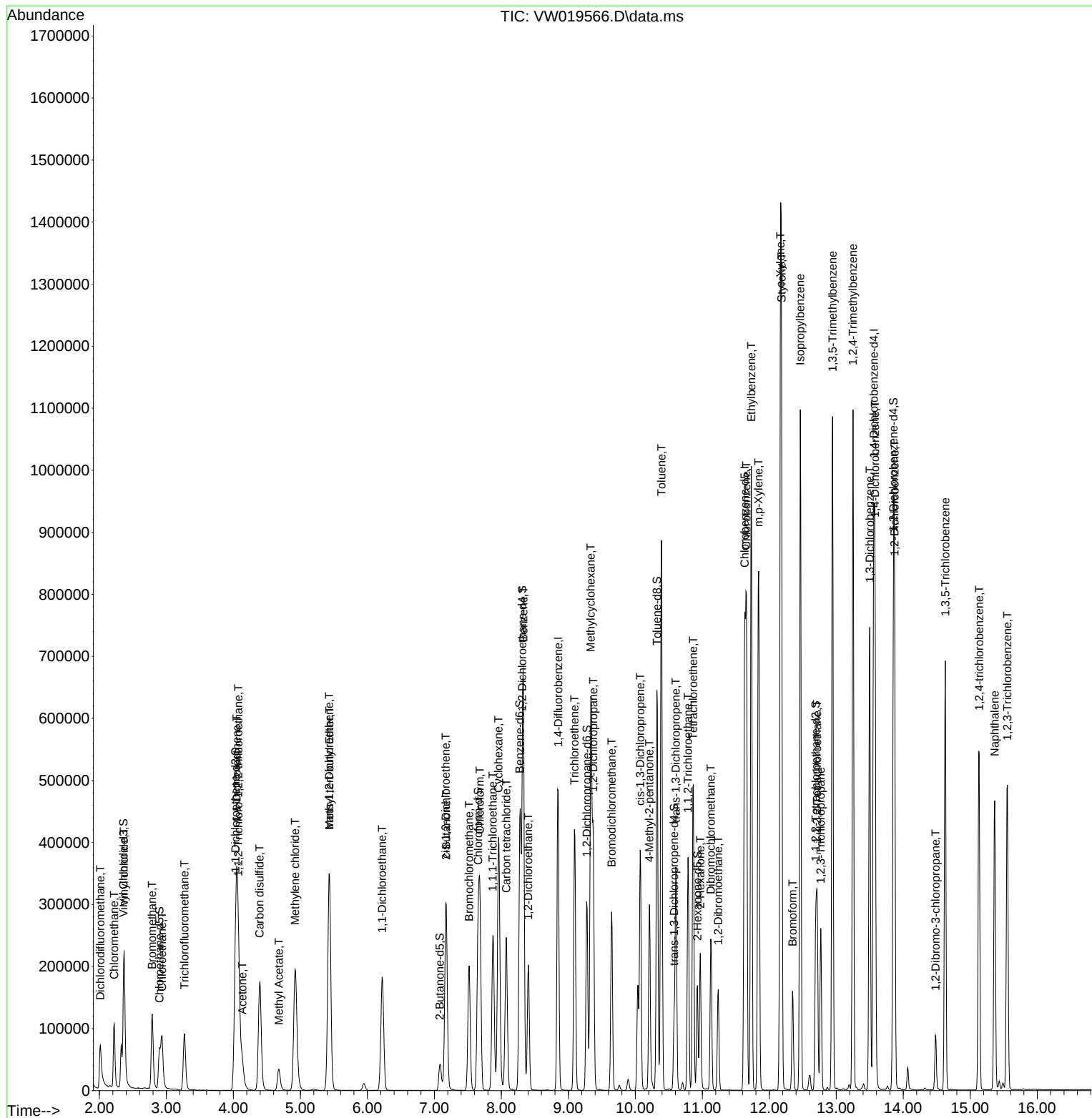
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	184103	25.867	ug/L	97
29) Cyclohexane	7.958	56	238020	23.651	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	209041	25.809	ug/L	98
31) Carbon tetrachloride	8.073	117	186970	24.811	ug/L	98
33) Benzene	8.330	78	620621	25.265	ug/L	100
34) Trichloroethene	9.092	95	154907	24.708	ug/L	95
35) Methylcyclohexane	9.335	83	264377	23.830	ug/L	95
37) 1,2-Dichloropropane	9.372	63	157672	25.329	ug/L	99
38) Bromodichloromethane	9.646	83	198242	25.683	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	234622	24.646	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	194390	49.476	ug/L	97
42) Toluene	10.390	91	657166	25.668	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	205871	24.585	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	117308	25.327	ug/L	96
46) Tetrachloroethene	10.866	164	110747	23.177	ug/L	94
48) 2-Hexanone	10.969	43	134073	50.103	ug/L	95
49) Dibromochloromethane	11.128	129	128786	25.855	ug/L	91
50) 1,2-Dibromoethane	11.238	107	113066	25.451	ug/L	98
51) Chlorobenzene	11.658	112	405684	25.198	ug/L	99
52) Ethylbenzene	11.731	91	698639	25.065	ug/L	98
53) m,p-Xylene	11.841	106	265803	25.234	ug/L	97
54) o-Xylene	12.164	106	258259	25.945	ug/L	98
55) Styrene	12.182	104	445717	25.843	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	144141	25.270	ug/L	100
59) Bromoform	12.347	173	72269	24.862	ug/L	97
60) Isopropylbenzene	12.463	105	685293	25.039	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	109411	24.525	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	574070	25.051	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	581834	25.198	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	294246	23.494	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	300863	24.311	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	286409	25.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23651	24.295	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	209562	22.900	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	178733	23.360	ug/L	96
71) Naphthalene	15.365	128	390696	25.283	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	176840	25.809	ug/L	96

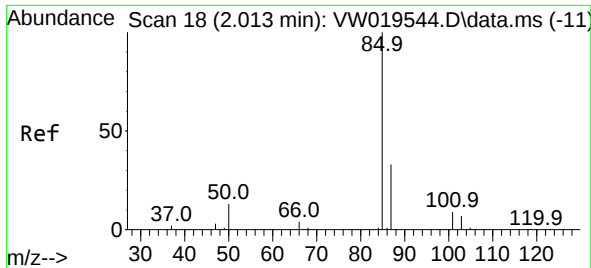
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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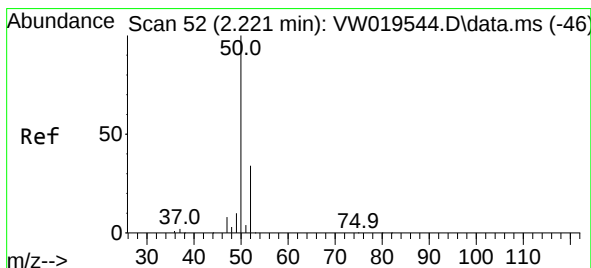
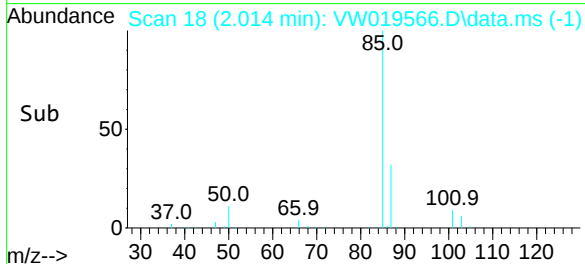
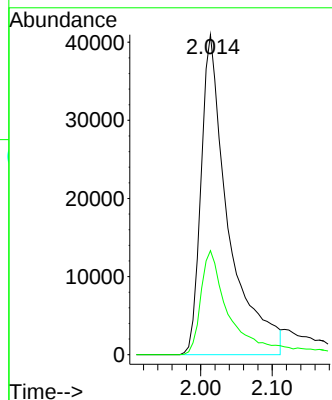
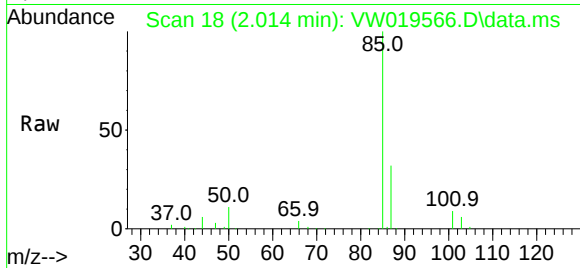




#2
 Dichlorodifluoromethane
 Concen: 22.210 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW019566.D
 Acq: 22 Jul 2021 20:44

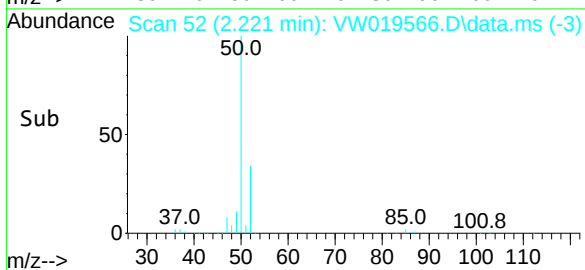
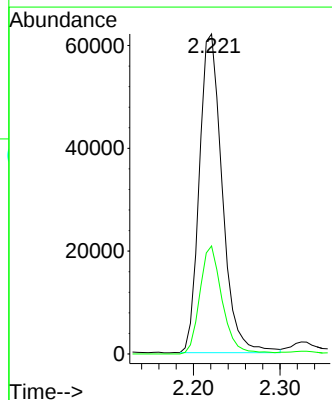
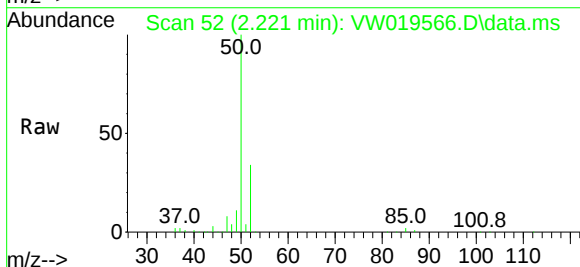
Instrument :
 MSVOA_W
 ClientSampled :

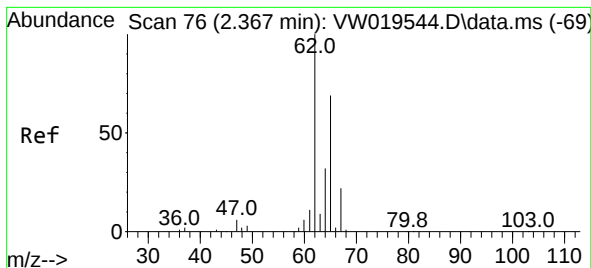
Tgt Ion: 85 Resp: 108549
 Ion Ratio Lower Upper
 85 100
 87 33.8 23.3 34.9



#3
 Chloromethane
 Concen: 22.719 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW019566.D
 Acq: 22 Jul 2021 20:44

Tgt Ion: 50 Resp: 113939
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.5 41.9





#5

Vinyl chloride

Concen: 24.099 ug/L

RT: 2.367 min Scan# 76

Delta R.T. 0.000 min

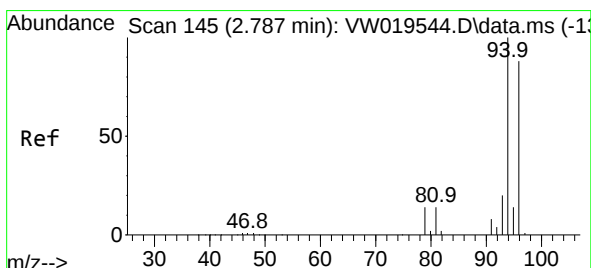
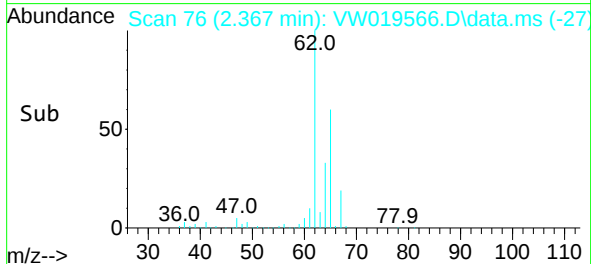
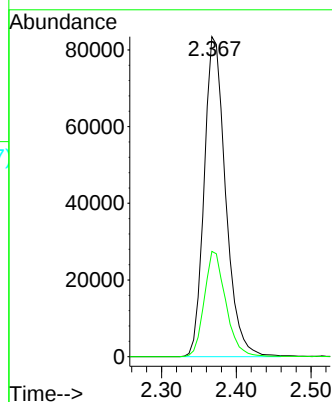
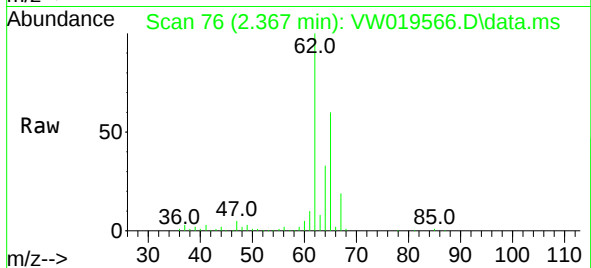
Lab File: VW019566.D

Acq: 22 Jul 2021 20:44

Tgt Ion: 62 Resp: 166346

Ion	Ratio	Lower	Upper
62	100		
64	32.9	24.2	45.0

Instrument :
MSVOA_W
ClientSampled :



#6

Bromomethane

Concen: 24.853 ug/L

RT: 2.788 min Scan# 145

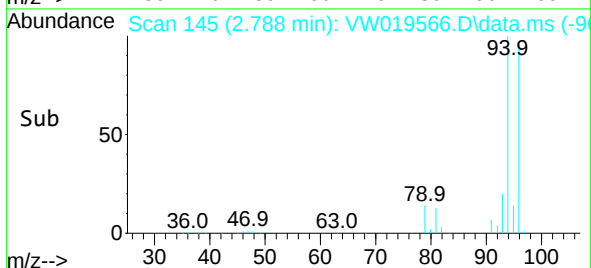
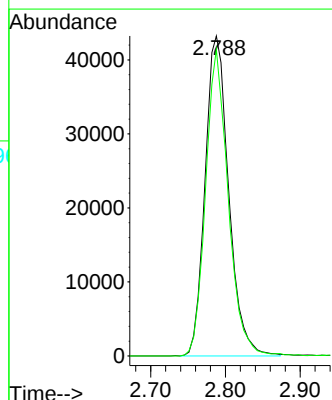
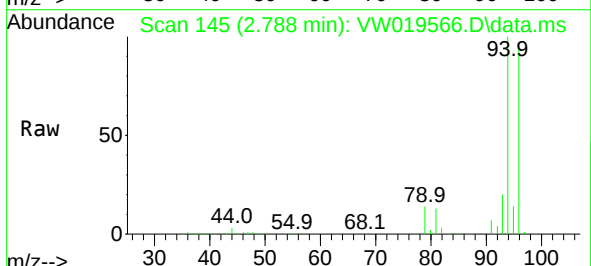
Delta R.T. 0.000 min

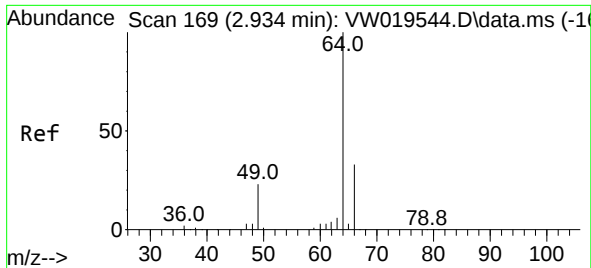
Lab File: VW019566.D

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Tgt Ion: 94 Resp: 94855

Ion	Ratio	Lower	Upper
94	100		
96	95.8	65.3	121.3

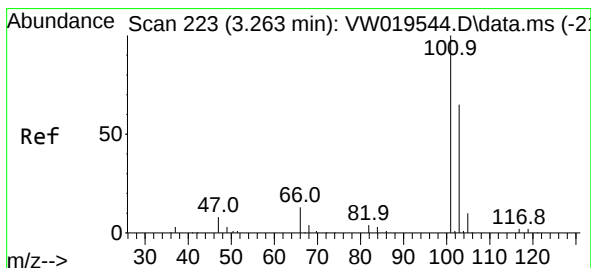
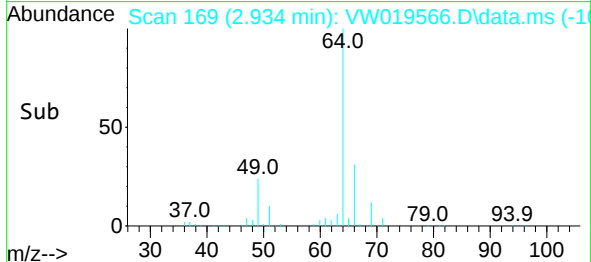
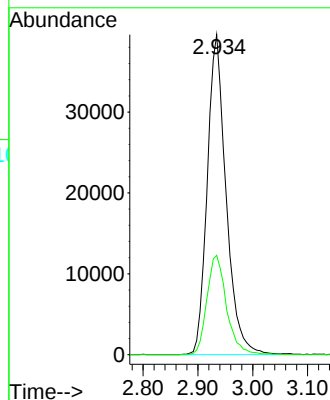
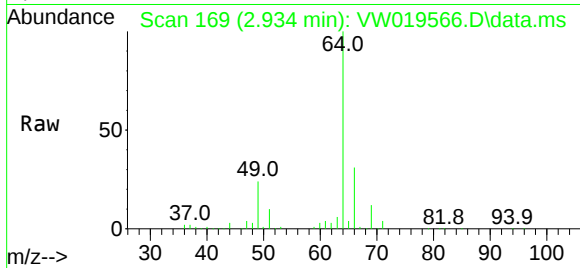




#8
Chloroethane
Concen: 25.642 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

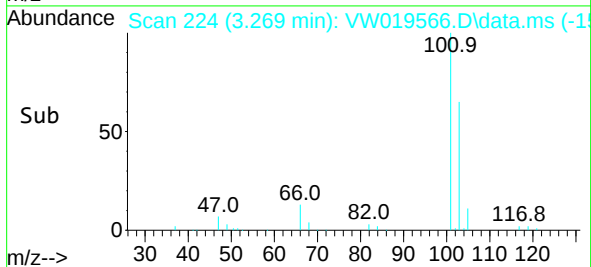
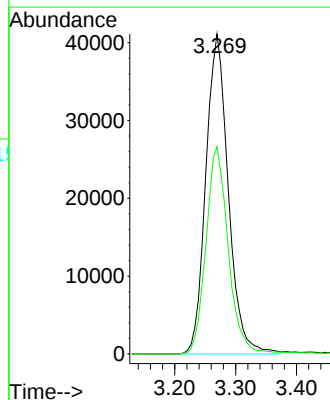
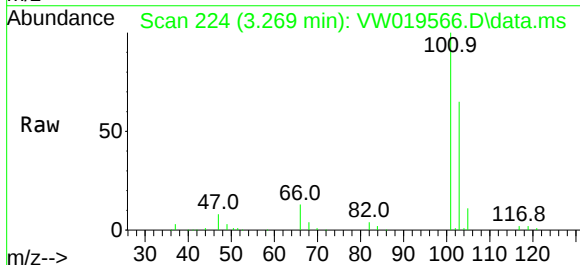
Instrument :
MSVOA_W
ClientSampled :

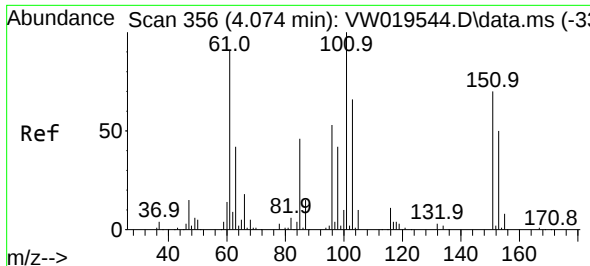
Tgt Ion: 64 Resp: 94209
Ion Ratio Lower Upper
64 100
66 31.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.129 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion:101 Resp: 105368
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4

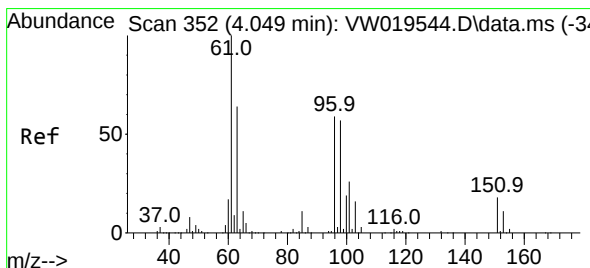
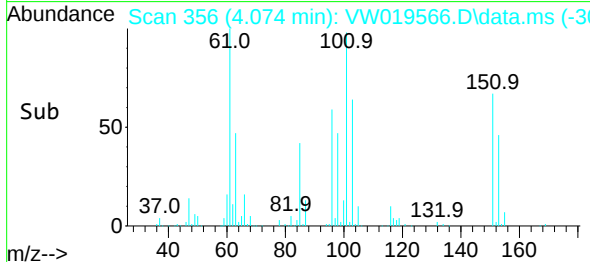
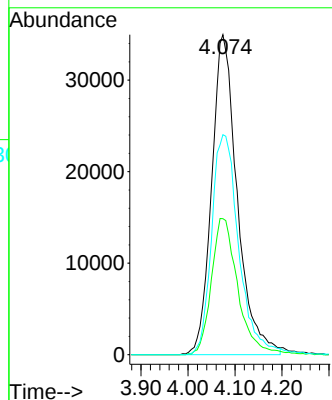
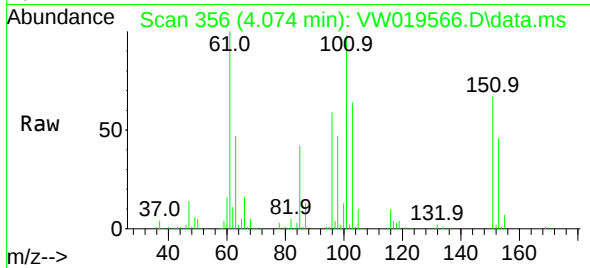




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.650 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW019566.D
 Acq: 22 Jul 2021 20:44

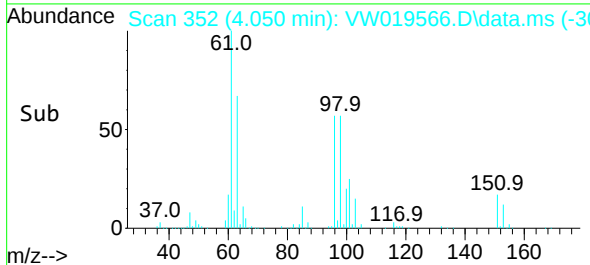
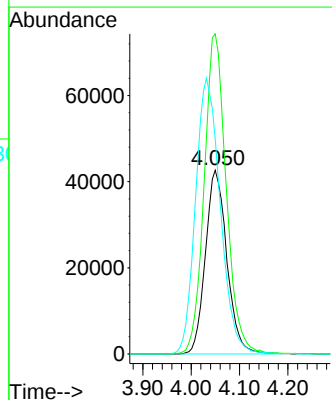
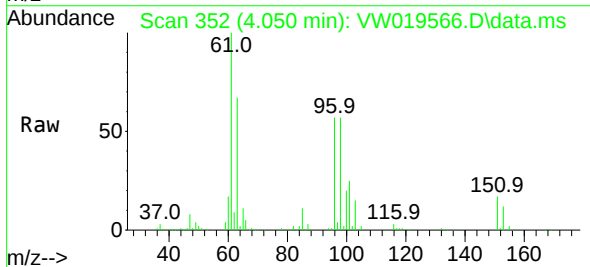
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 ClientSampled :

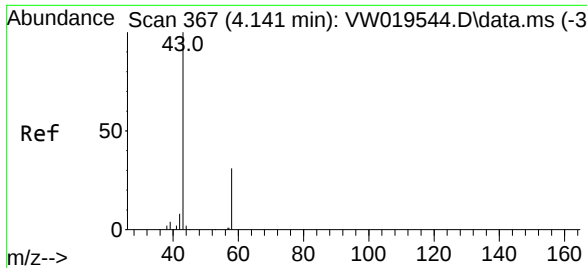
Tgt Ion:101 Resp: 132218
 Ion Ratio Lower Upper
 101 100
 85 44.1 38.2 57.2
 151 73.2 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.535 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW019566.D
 Acq: 22 Jul 2021 20:44

Tgt Ion: 96 Resp: 131417
 Ion Ratio Lower Upper
 96 100
 61 174.3 118.1 219.3
 63 117.0 83.7 155.5

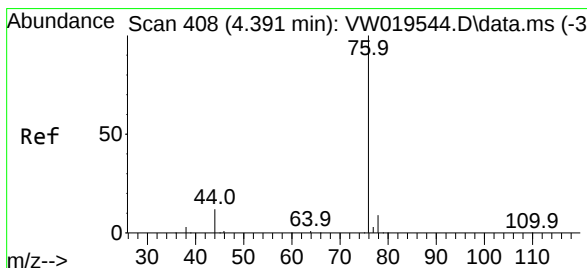
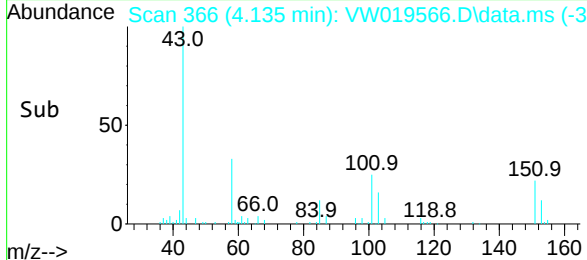
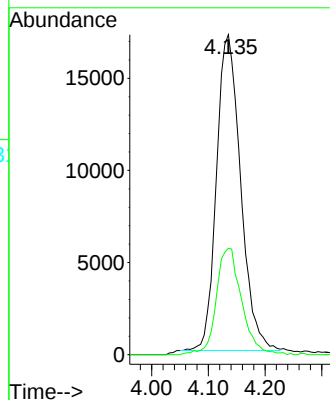
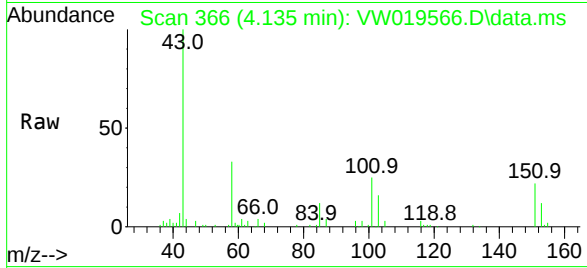




#13
Acetone
Concen: 40.786 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

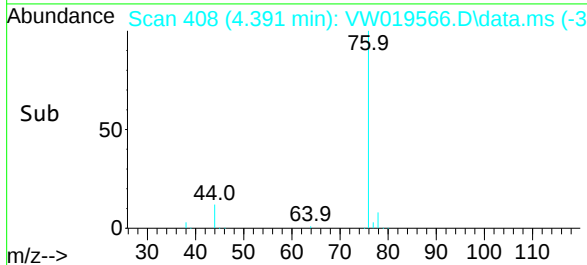
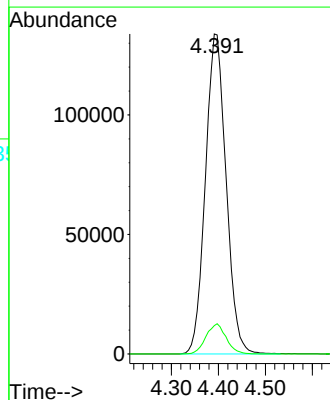
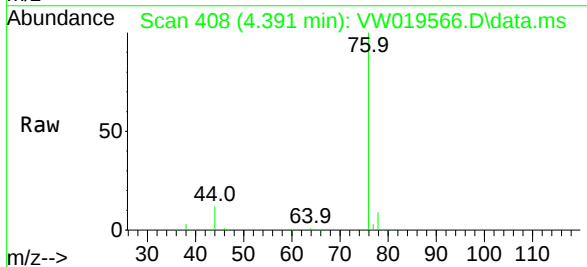
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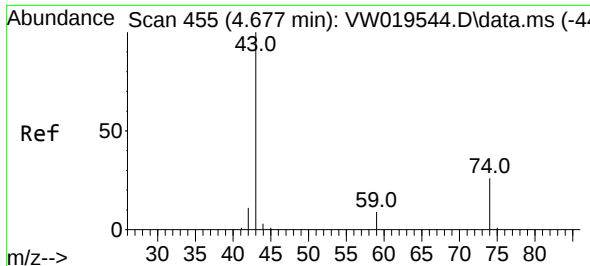
Tgt Ion: 43 Resp: 50707
Ion Ratio Lower Upper
43 100
58 34.7 0.0 53.8



#14
Carbon disulfide
Concen: 23.866 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 76 Resp: 409348
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

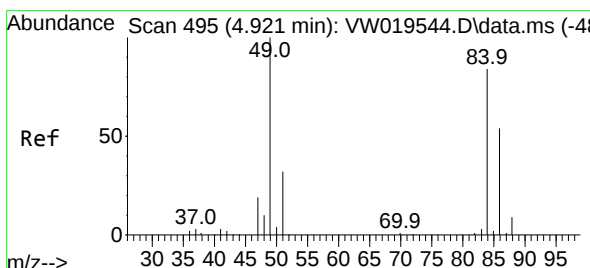
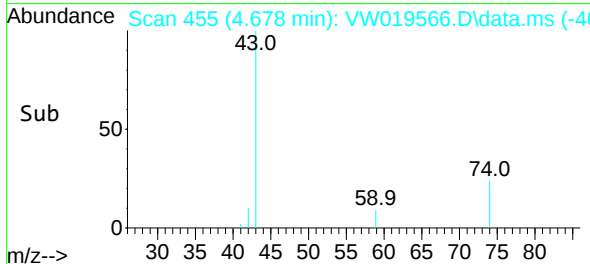
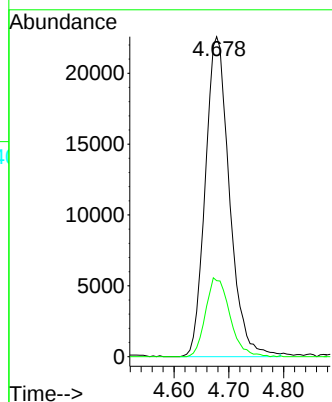
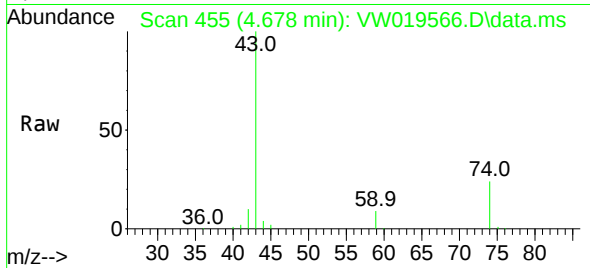




#15
Methyl Acetate
Concen: 24.995 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

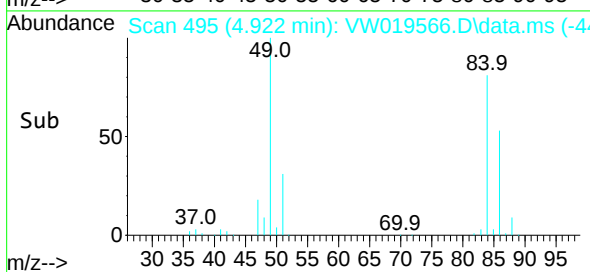
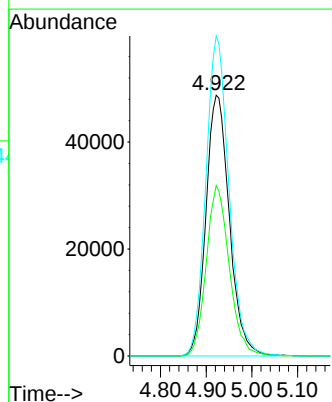
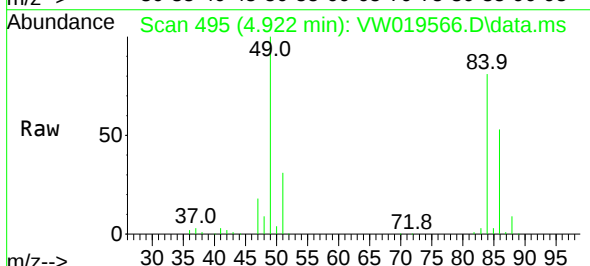
Instrument :
MSVOA_W
ClientSampled :

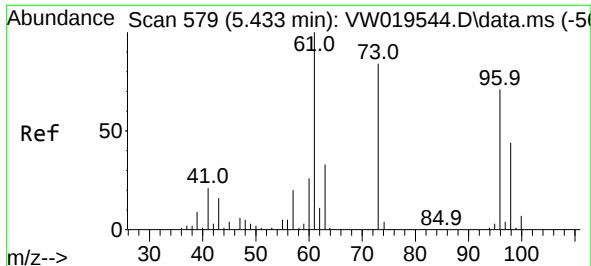
Tgt Ion: 43 Resp: 69163
Ion Ratio Lower Upper
43 100
74 24.4 20.0 30.0



#16
Methylene chloride
Concen: 21.225 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 84 Resp: 173606
Ion Ratio Lower Upper
84 100
86 65.4 45.3 84.1
49 122.7 86.6 160.8

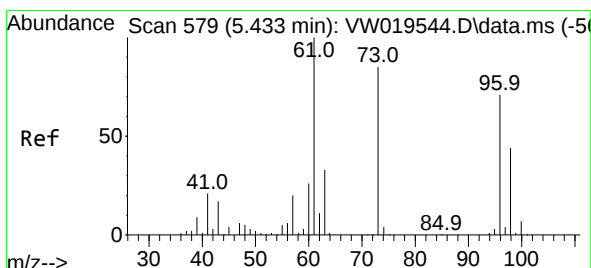
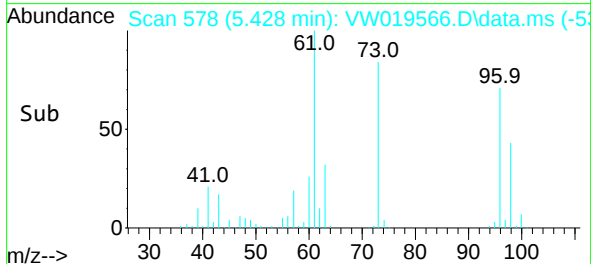
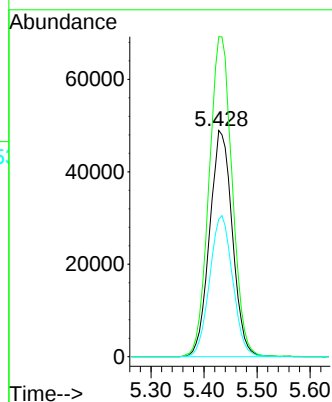
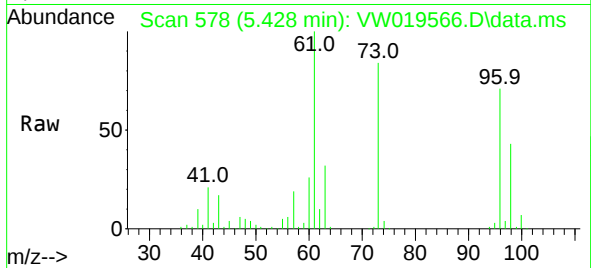




#17
trans-1,2-Dichloroethene
Concen: 25.011 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

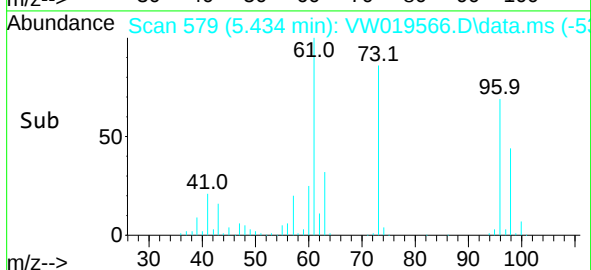
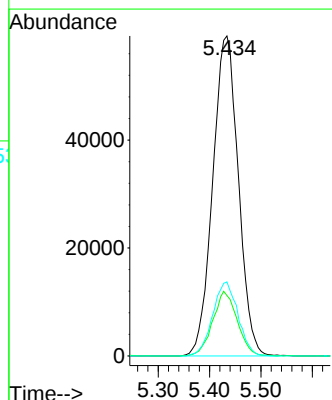
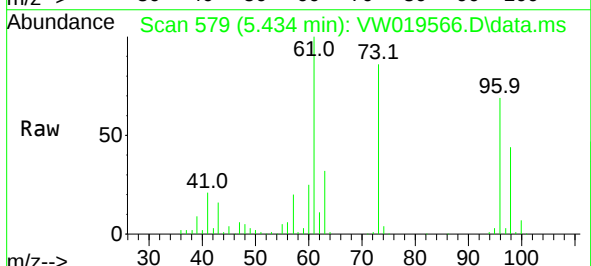
Instrument :
MSVOA_W
ClientSampled :

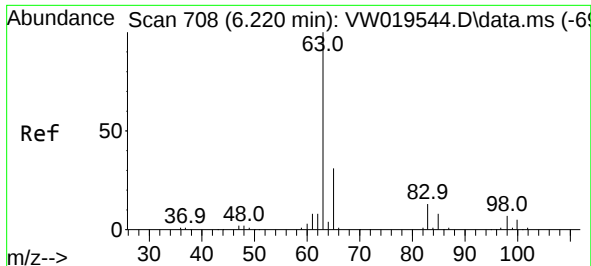
Tgt Ion: 96 Resp: 145683
Ion Ratio Lower Upper
96 100
61 141.5 98.3 182.7
98 60.8 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 25.532 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 73 Resp: 205469
Ion Ratio Lower Upper
73 100
43 19.3 17.7 26.5
57 22.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.473 ug/L

RT: 6.220 min Scan# 708

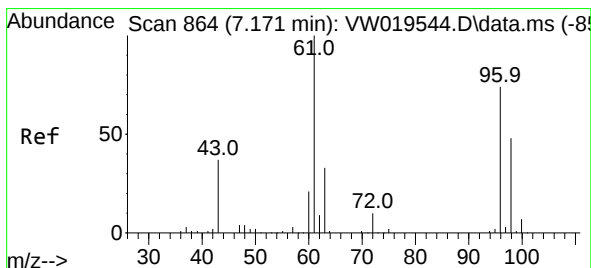
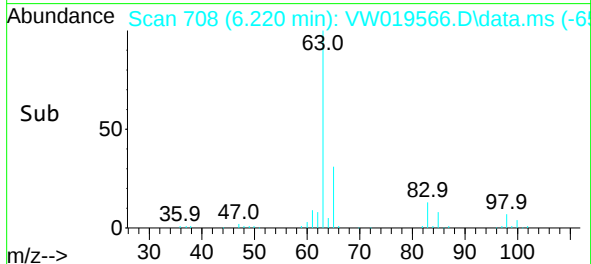
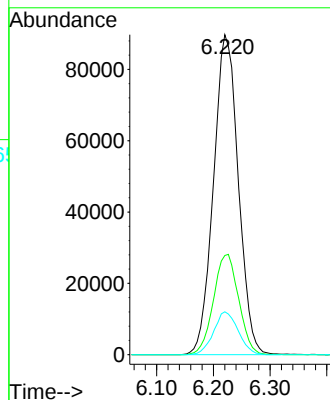
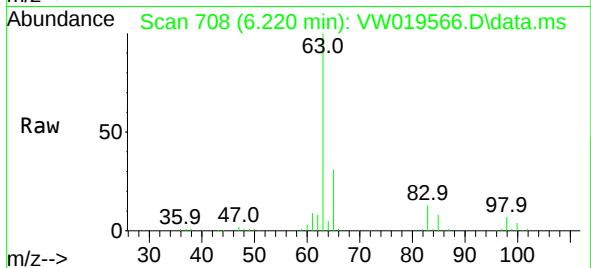
Delta R.T. 0.000 min

Lab File: VW019566.D

Acq: 22 Jul 2021 20:44

Tgt Ion: 63 Resp: 272415

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.9	42.5
83	13.4	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 25.237 ug/L

RT: 7.171 min Scan# 864

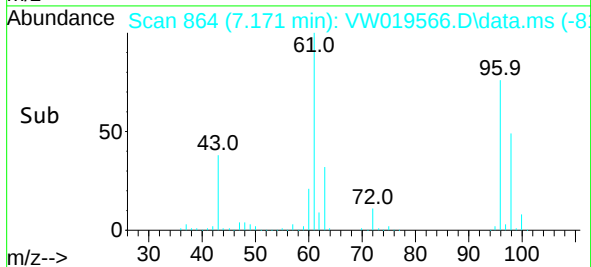
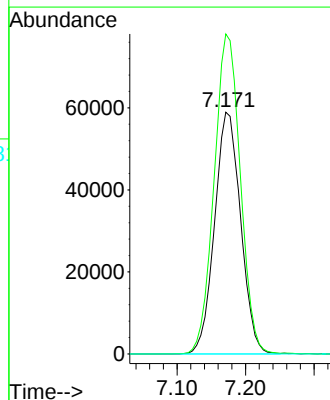
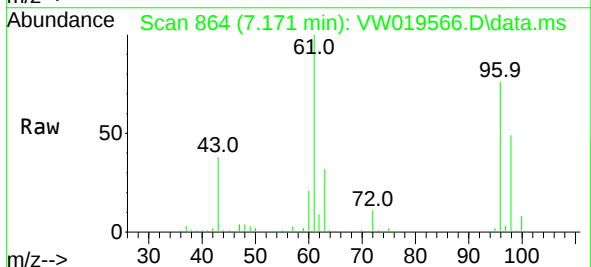
Delta R.T. 0.000 min

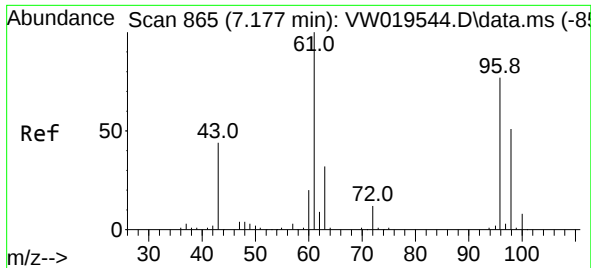
Lab File: VW019566.D

Acq: 22 Jul 2021 20:44

Tgt Ion: 96 Resp: 155474

Ion	Ratio	Lower	Upper
96	100		
61	132.4	88.5	164.3
68	0.0	0.0	0.0

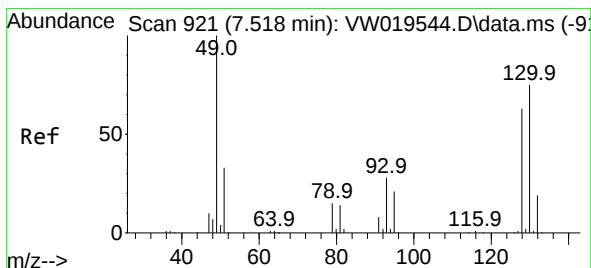
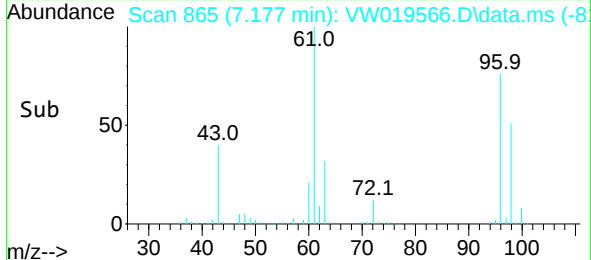
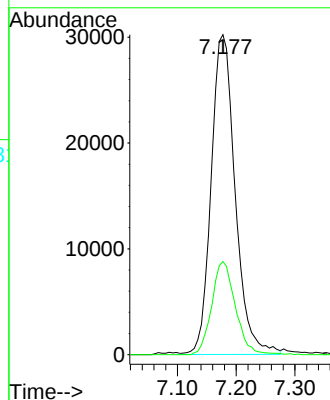
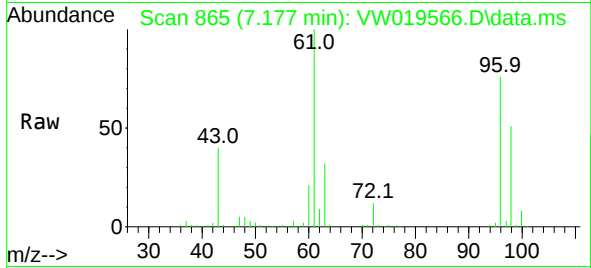




#22
2-Butanone
Concen: 44.598 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

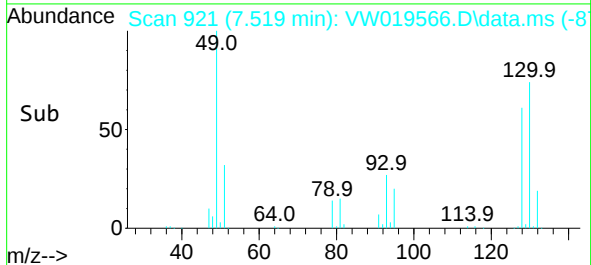
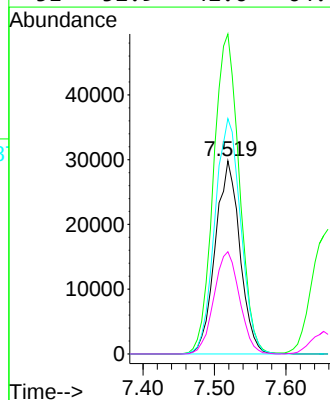
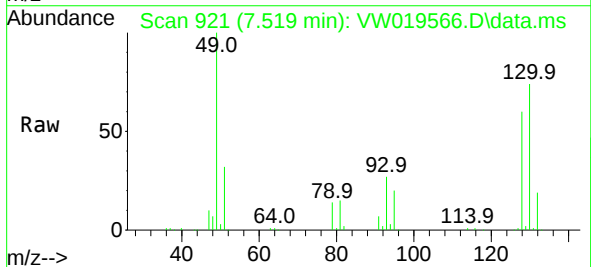
Instrument :
MSVOA_W
ClientSampled :

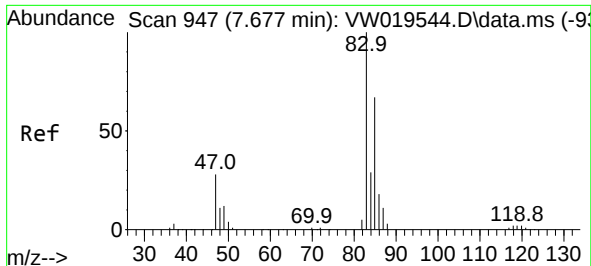
Tgt Ion: 43 Resp: 85794
Ion Ratio Lower Upper
43 100
72 28.7 14.9 44.7



#23
Bromochloromethane
Concen: 25.717 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 128 Resp: 71352
Ion Ratio Lower Upper
128 100
49 165.7 116.3 215.9
130 121.9 82.4 153.0
51 52.9 42.6 64.0

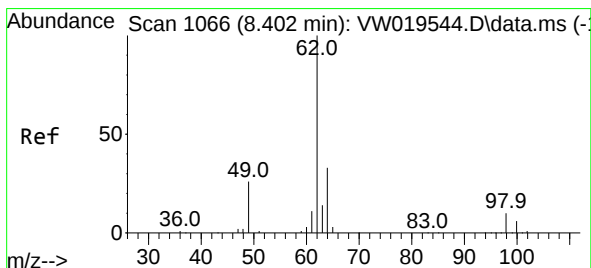
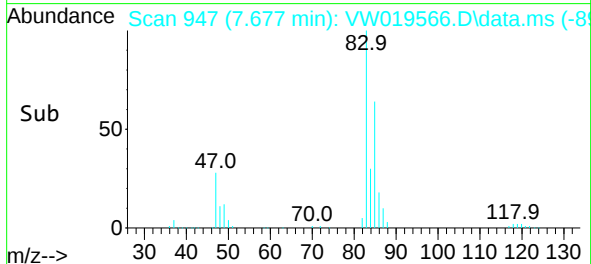
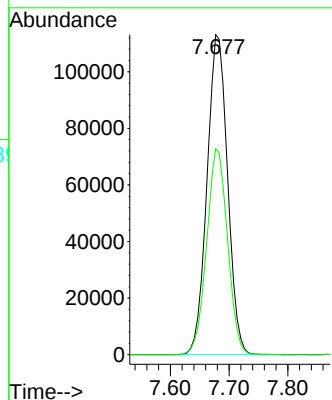
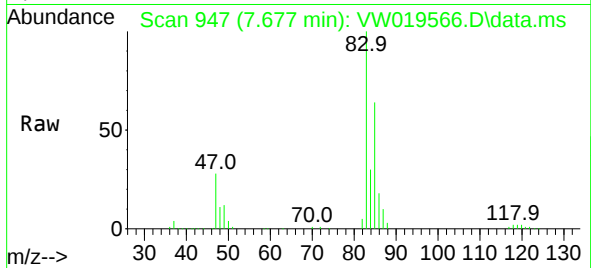




#25
Chloroform
Concen: 25.983 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

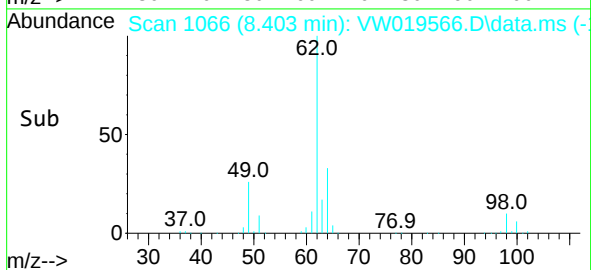
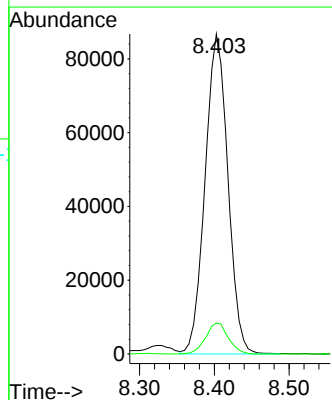
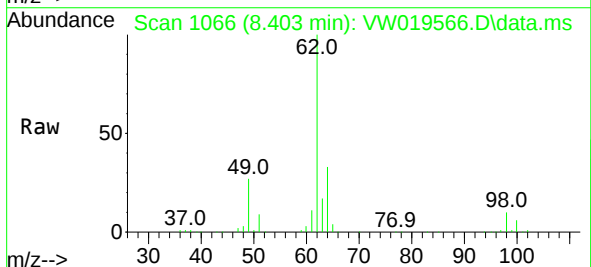
Instrument :
MSVOA_W
ClientSampled :

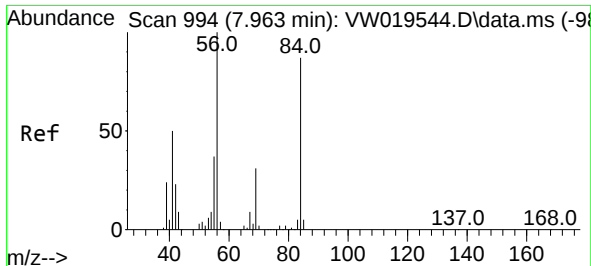
Tgt Ion: 83 Resp: 274865
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.867 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 62 Resp: 184103
Ion Ratio Lower Upper
62 100
98 9.7 6.9 10.3





#29

Cyclohexane

Concen: 23.651 ug/L

RT: 7.958 min Scan# 993

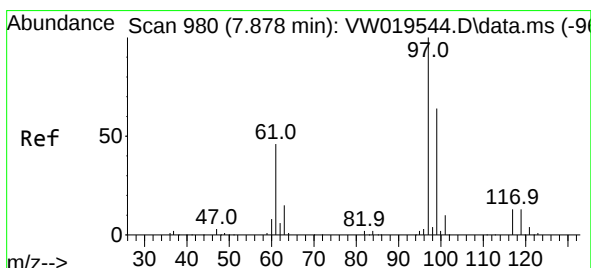
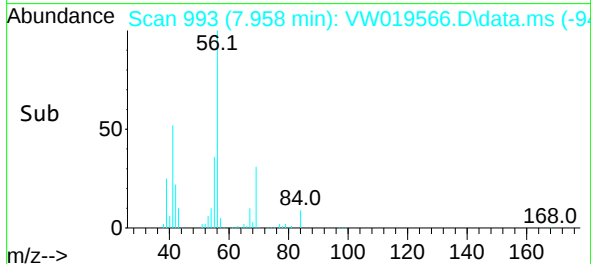
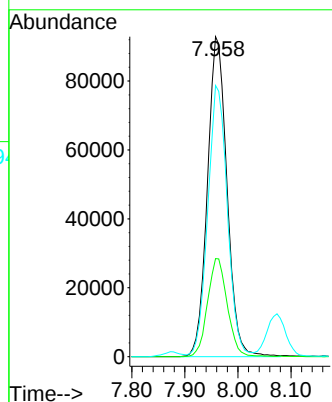
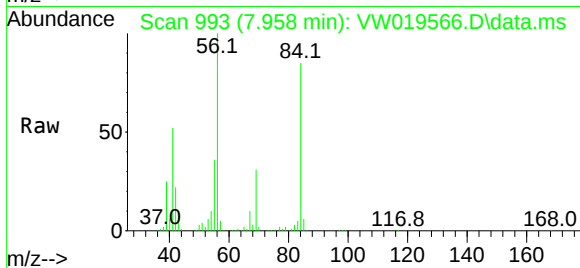
Delta R.T. -0.006 min

Lab File: VW019566.D

Acq: 22 Jul 2021 20:44

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	56	Resp:	238020
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.5	36.7
84	84.9	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 25.809 ug/L

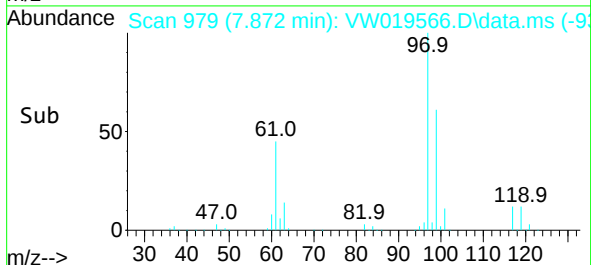
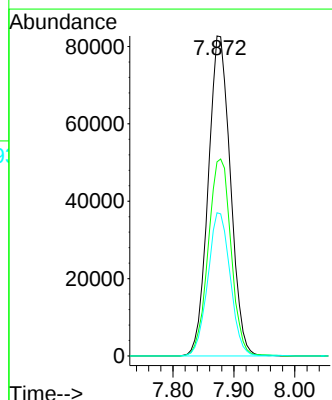
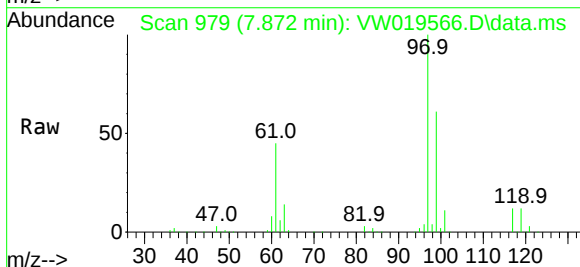
RT: 7.872 min Scan# 979

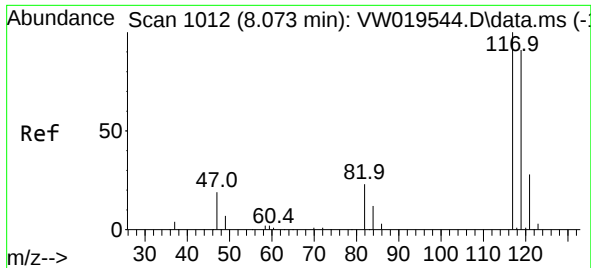
Delta R.T. -0.006 min

Lab File: VW019566.D

Acq: 22 Jul 2021 20:44

Tgt Ion:	97	Resp:	209041
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.4	77.2
61	45.2	37.8	56.6

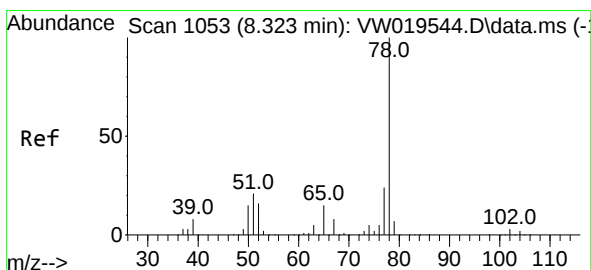
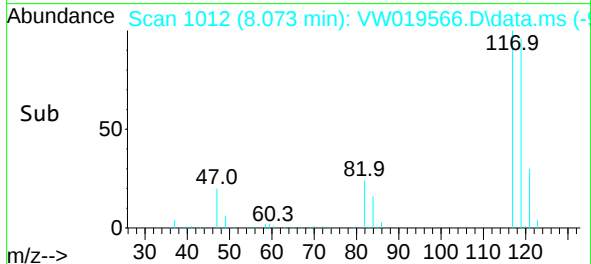
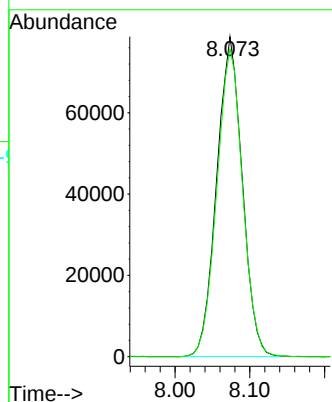
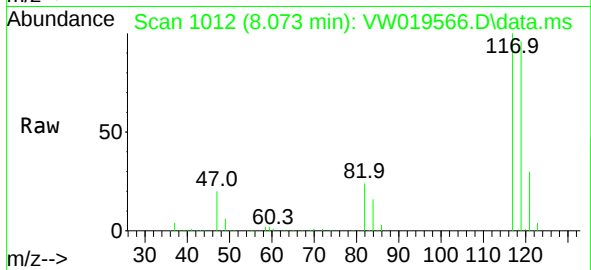




#31
Carbon tetrachloride
Concen: 24.811 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

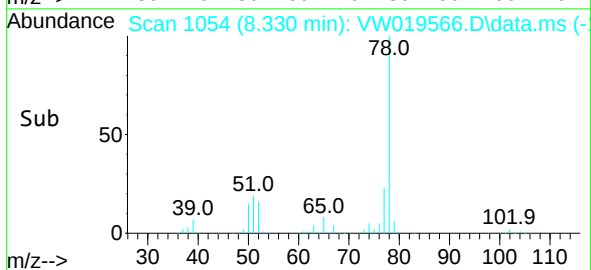
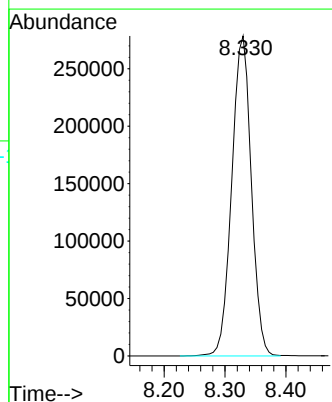
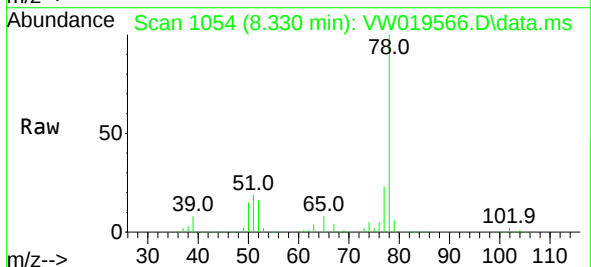
Instrument :
MSVOA_W
ClientSampled :

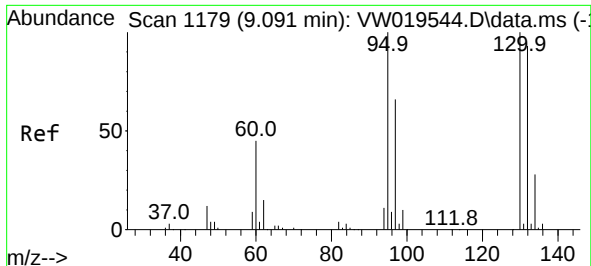
Tgt Ion:117 Resp: 186970
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7



#33
Benzene
Concen: 25.265 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 78 Resp: 620621

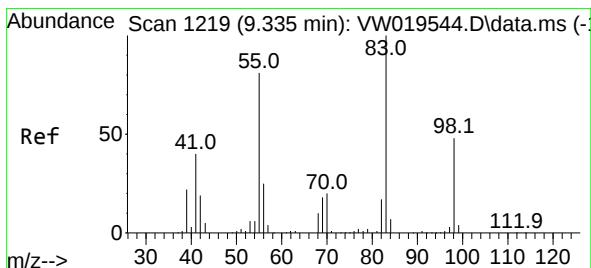
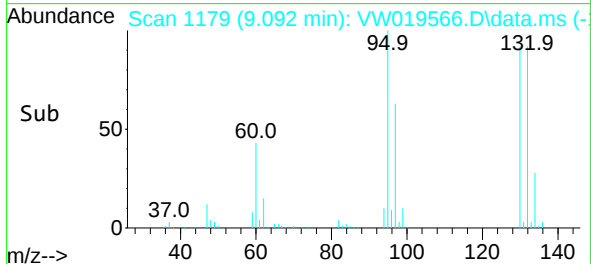
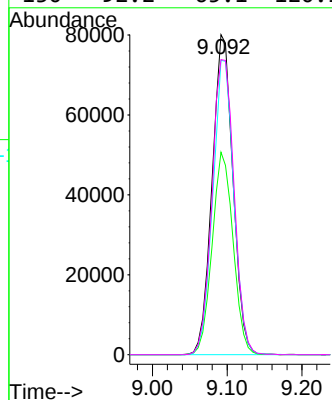
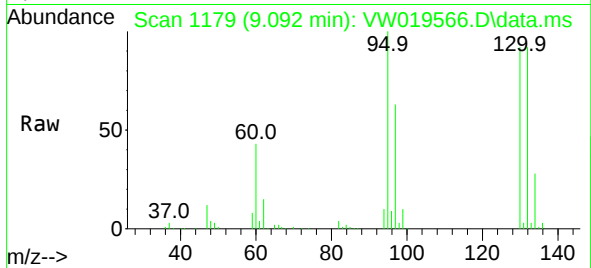




#34
Trichloroethene
Concen: 24.708 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

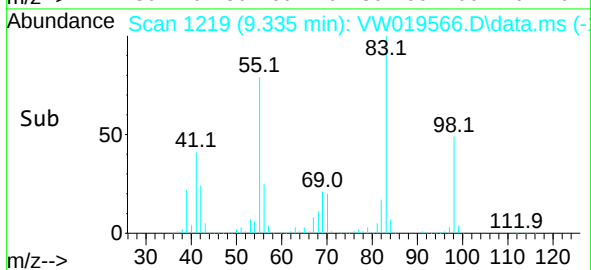
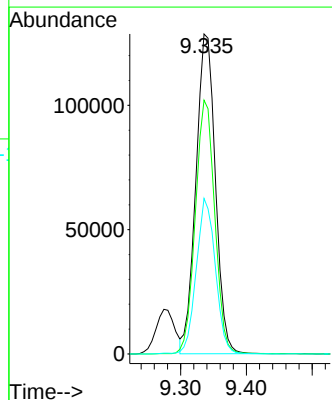
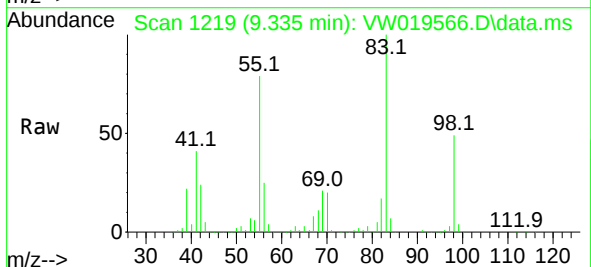
Instrument :
MSVOA_W
ClientSampled :

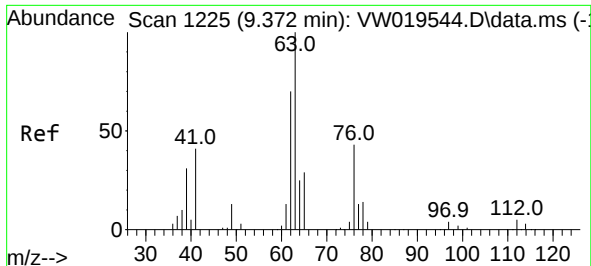
Tgt Ion: 95 Resp: 154907
Ion Ratio Lower Upper
95 100
97 63.3 47.3 87.8
132 92.0 71.0 131.8
130 92.2 65.1 120.9



#35
Methylcyclohexane
Concen: 23.830 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 83 Resp: 264377
Ion Ratio Lower Upper
83 100
55 78.8 58.9 88.3
98 47.6 40.1 60.1





#37

1,2-Dichloropropane

Concen: 25.329 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW019566.D

Acq: 22 Jul 2021 20:44

Tgt Ion: 63 Resp: 157672

Ion Ratio Lower Upper

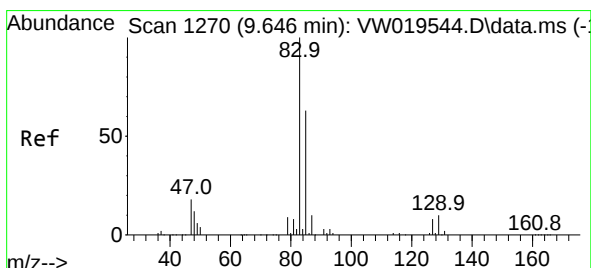
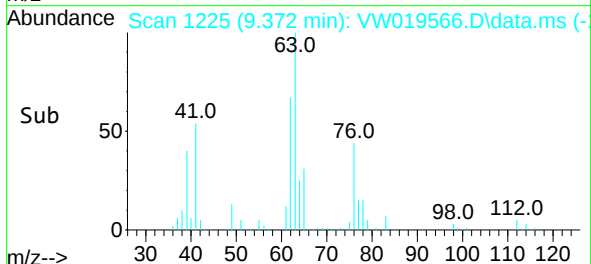
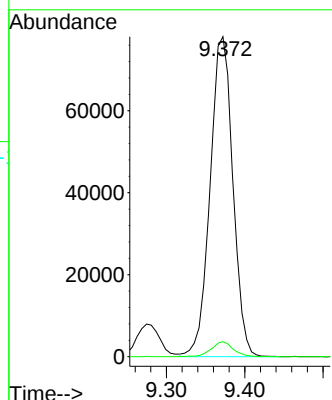
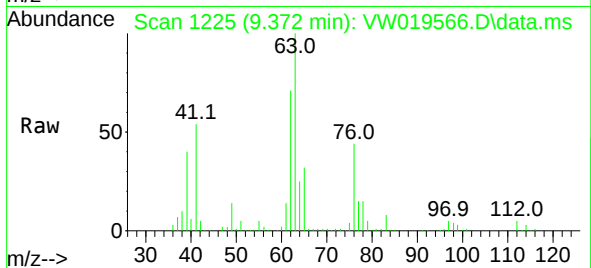
63 100

112 4.5 3.9 5.9

Instrument :

MSVOA_W

ClientSampled :



#38

Bromodichloromethane

Concen: 25.683 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW019566.D

Acq: 22 Jul 2021 20:44

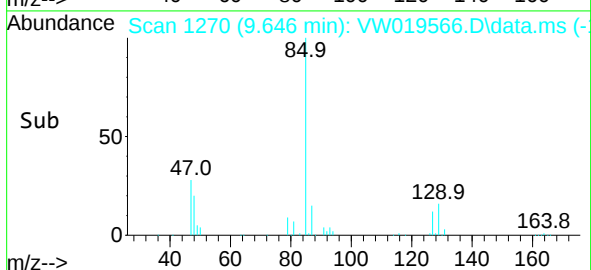
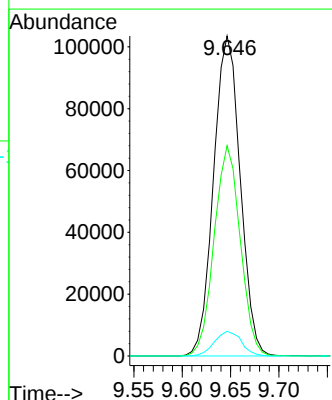
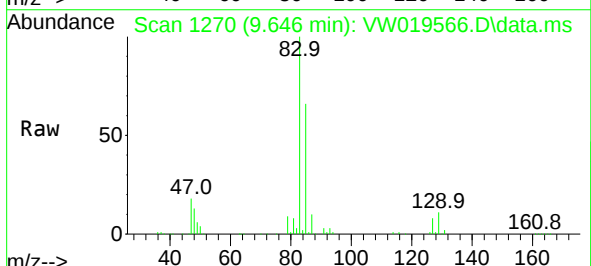
Tgt Ion: 83 Resp: 198242

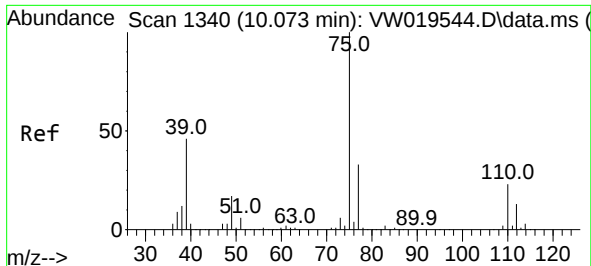
Ion Ratio Lower Upper

83 100

85 65.7 42.3 78.5

127 7.7 6.6 9.8

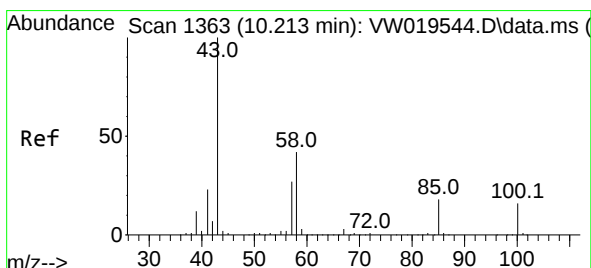
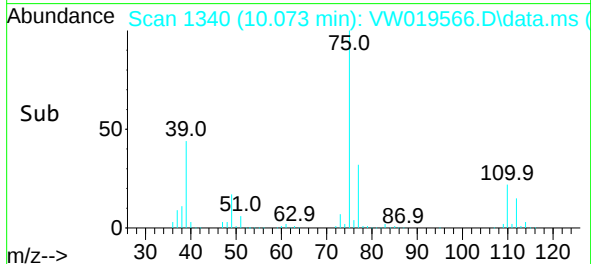
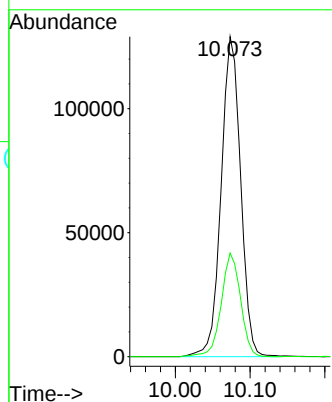
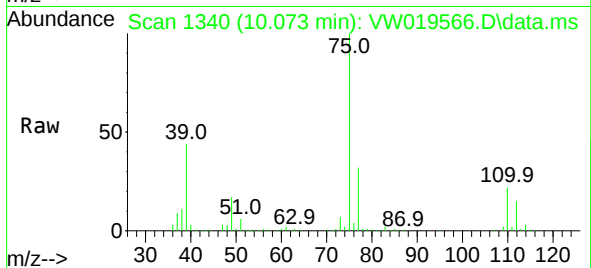




#39
 cis-1,3-Dichloropropene
 Concen: 24.646 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW019566.D
 Acq: 22 Jul 2021 20:44

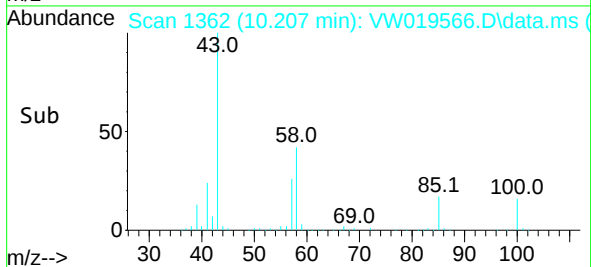
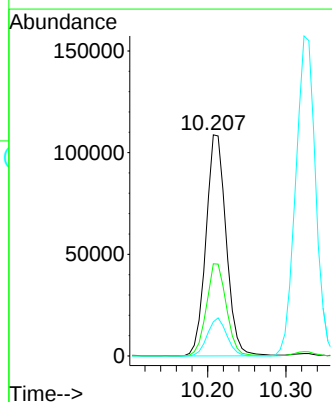
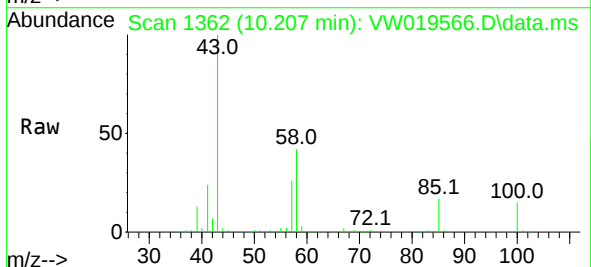
Instrument :
 MSVOA_W
 ClientSampled :

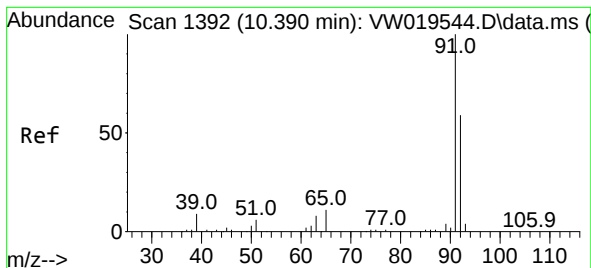
Tgt Ion: 75 Resp: 234622
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 49.476 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW019566.D
 Acq: 22 Jul 2021 20:44

Tgt Ion: 43 Resp: 194390
 Ion Ratio Lower Upper
 43 100
 58 41.3 31.0 46.4
 100 16.5 13.0 19.6





#42

Toluene

Concen: 25.668 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019566.D

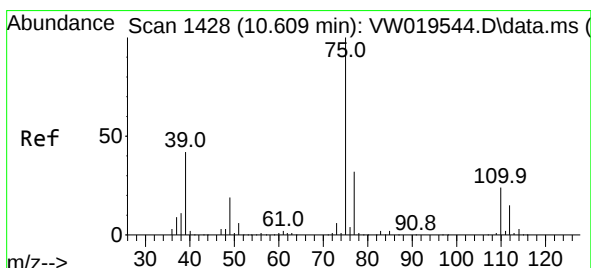
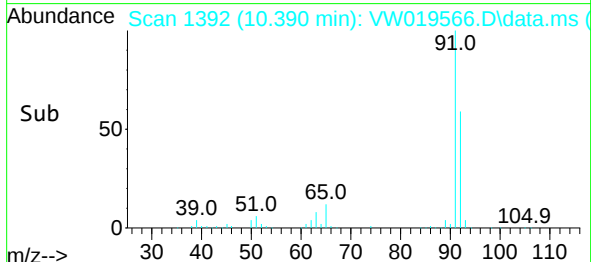
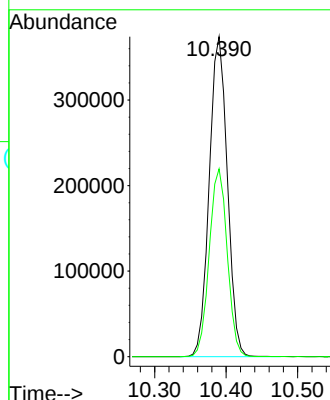
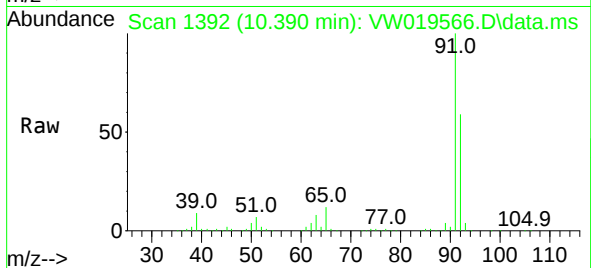
Acq: 22 Jul 2021 20:44

Tgt Ion: 91 Resp: 657166

Ion Ratio Lower Upper

91 100

92 58.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 24.585 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW019566.D

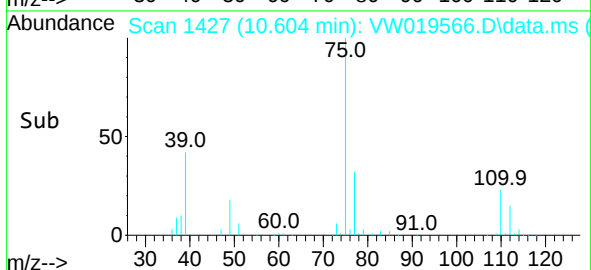
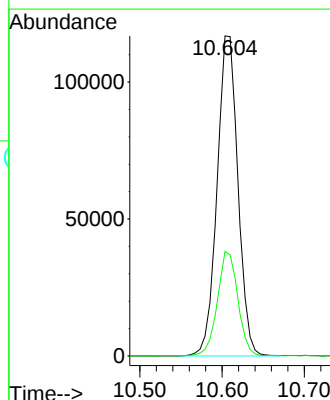
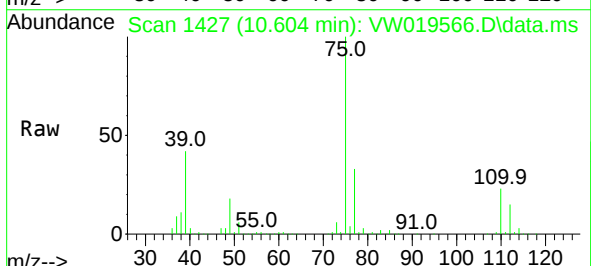
Acq: 22 Jul 2021 20:44

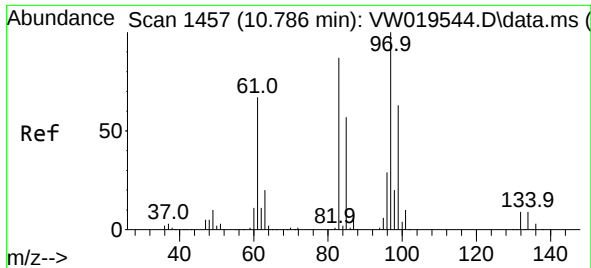
Tgt Ion: 75 Resp: 205871

Ion Ratio Lower Upper

75 100

77 32.6 21.1 39.1



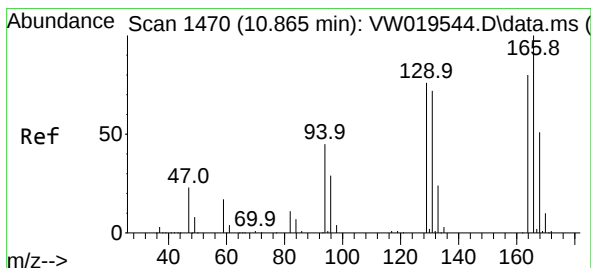
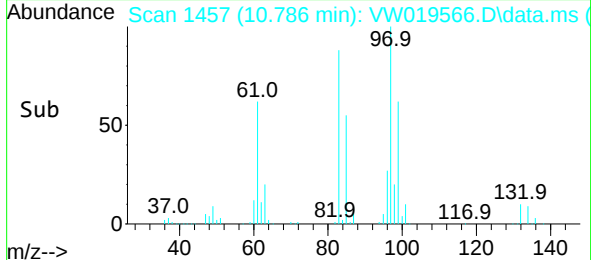
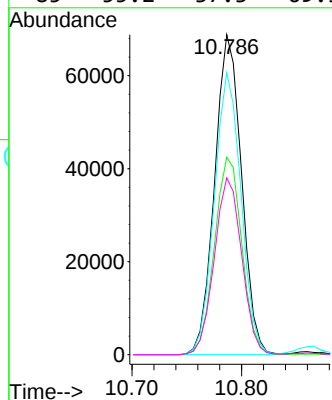
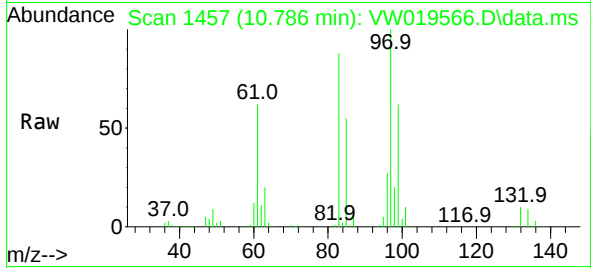


#45
1,1,2-Trichloroethane
Concen: 25.327 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 117308

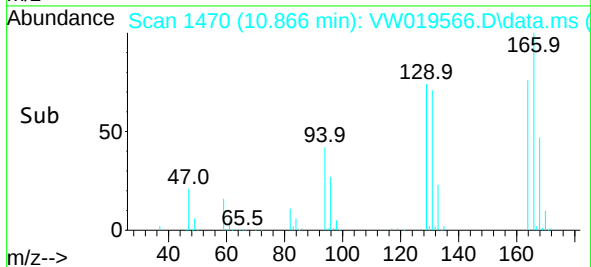
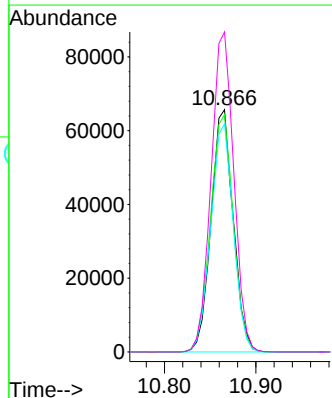
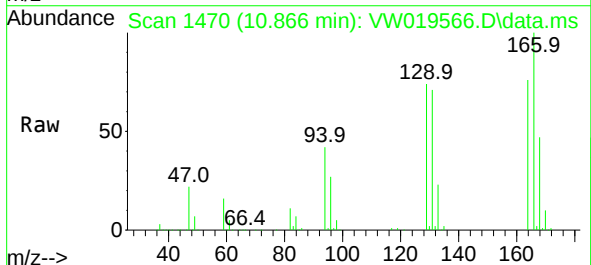
Ion	Ratio	Lower	Upper
97	100		
99	61.7	45.1	83.7
83	88.1	58.1	107.9
85	55.2	37.3	69.3

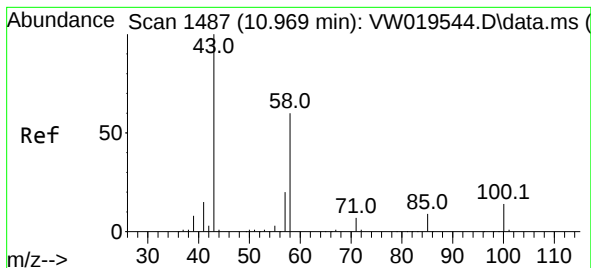


#46
Tetrachloroethene
Concen: 23.177 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 164 Resp: 110747

Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.7	123.9
131	94.2	61.1	113.5
166	132.1	87.0	161.6

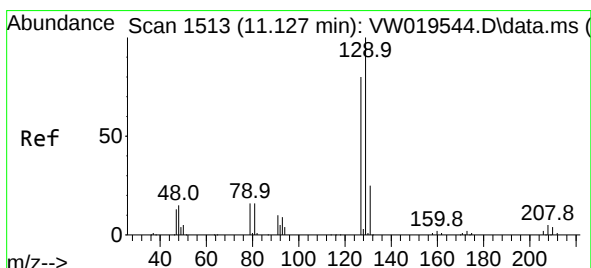
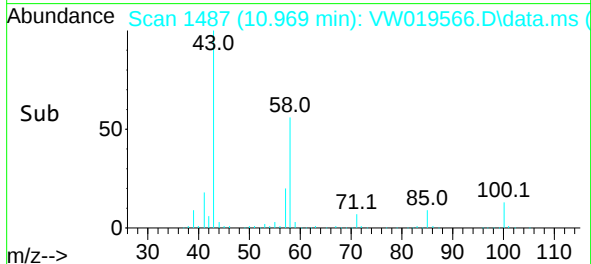
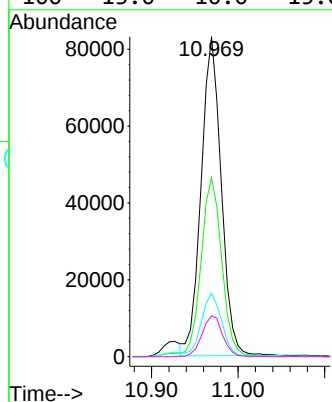
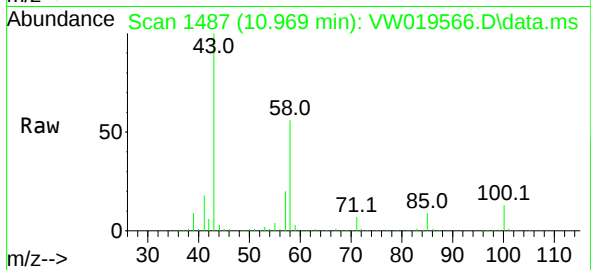




#48
2-Hexanone
Concen: 50.103 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

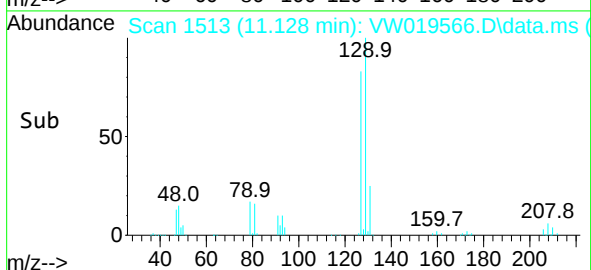
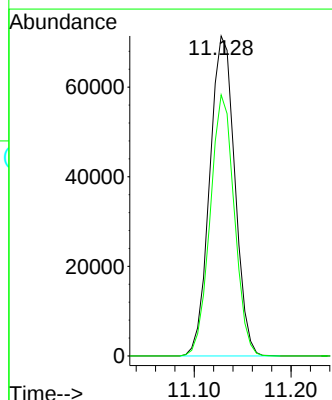
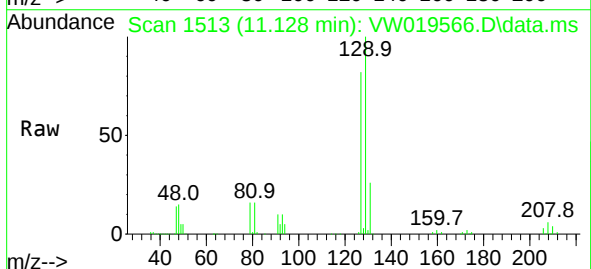
Instrument :
MSVOA_W
ClientSampled :

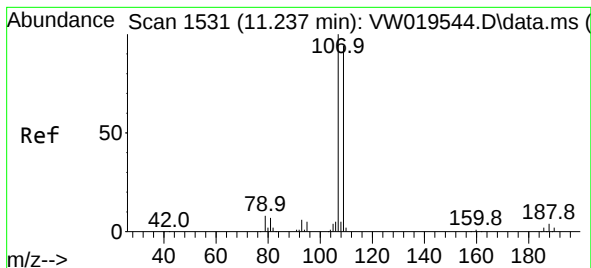
Tgt Ion: 43 Resp: 134073
Ion Ratio Lower Upper
43 100
58 58.6 42.7 64.1
57 20.0 15.8 23.8
100 13.0 10.0 15.0



#49
Dibromochloromethane
Concen: 25.855 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

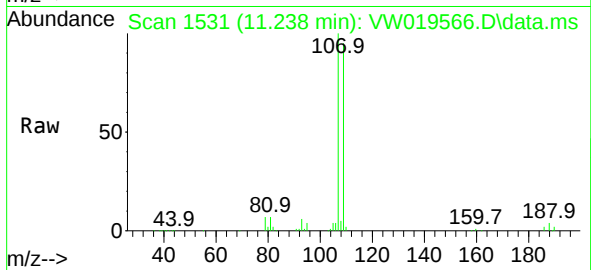
Tgt Ion:129 Resp: 128786
Ion Ratio Lower Upper
129 100
127 81.6 51.7 95.9



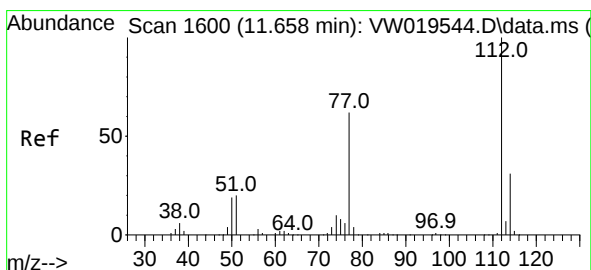
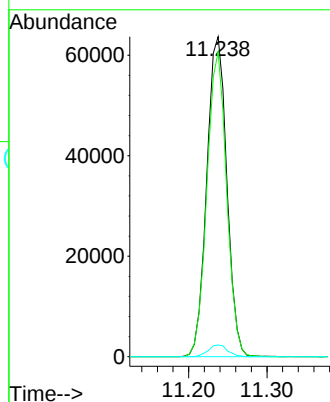
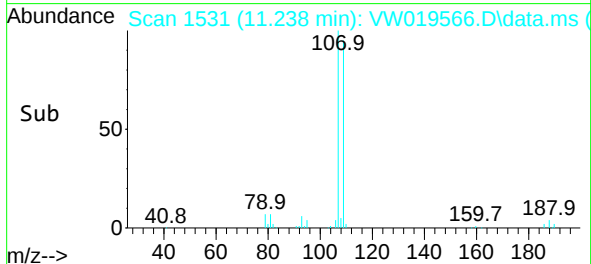


#50
1,2-Dibromoethane
Concen: 25.451 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

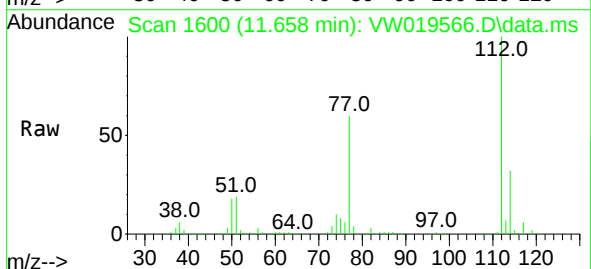
Instrument :
MSVOA_W
ClientSampled :



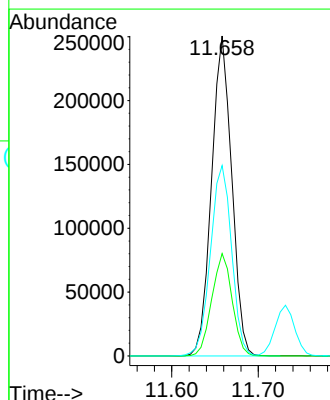
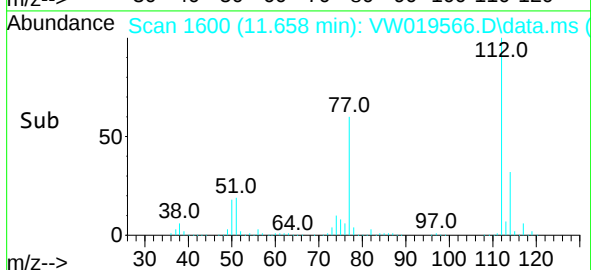
Tgt Ion:107 Resp: 113066
Ion Ratio Lower Upper
107 100
109 95.2 65.4 121.4
188 3.7 2.6 4.0

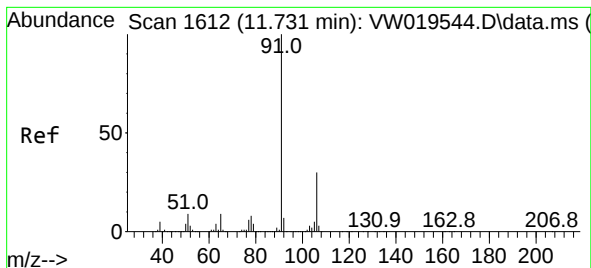


#51
Chlorobenzene
Concen: 25.198 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44



Tgt Ion:112 Resp: 405684
Ion Ratio Lower Upper
112 100
114 32.0 23.4 43.6
77 59.5 47.6 71.4

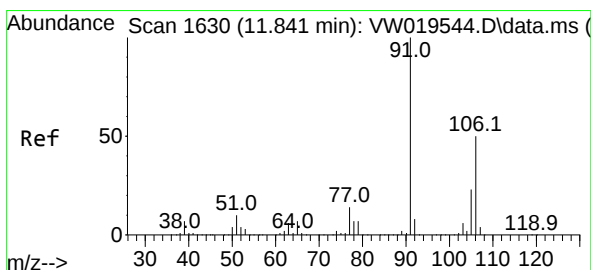
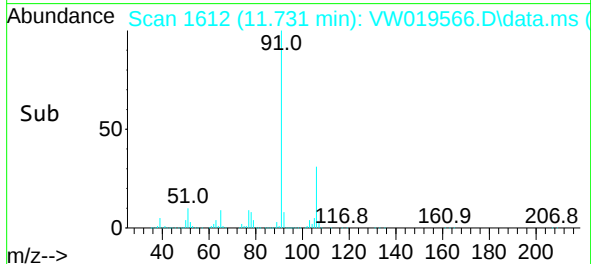
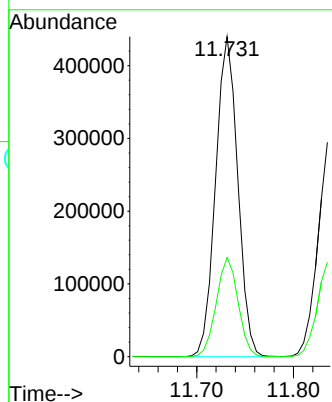
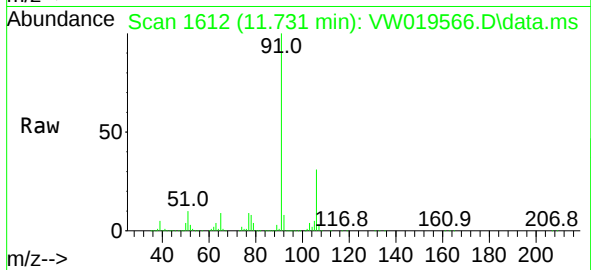




#52
Ethylbenzene
Concen: 25.065 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

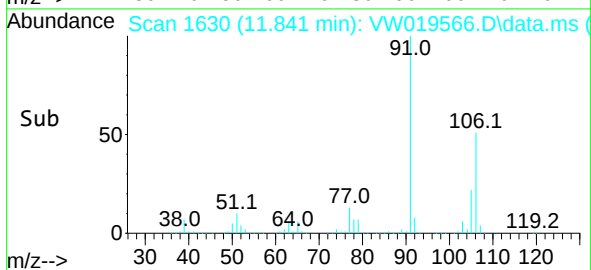
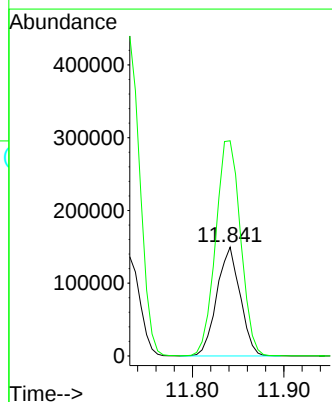
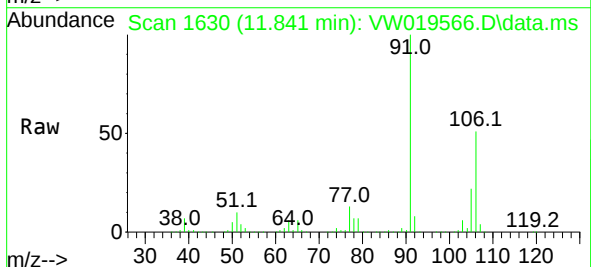
Instrument :
MSVOA_W
ClientSampled :

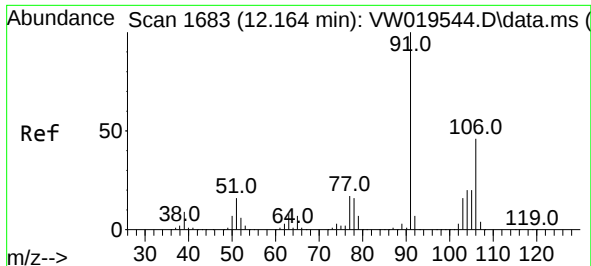
Tgt Ion: 91 Resp: 698639
Ion Ratio Lower Upper
91 100
106 31.0 22.5 41.7



#53
m,p-Xylene
Concen: 25.234 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 106 Resp: 265803
Ion Ratio Lower Upper
106 100
91 197.9 141.3 262.3

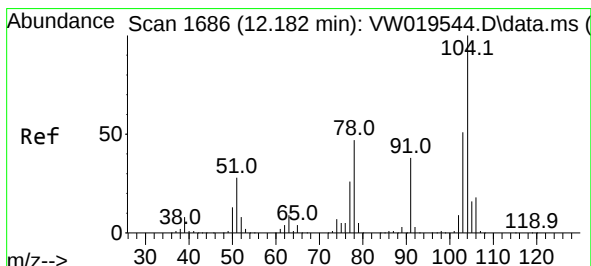
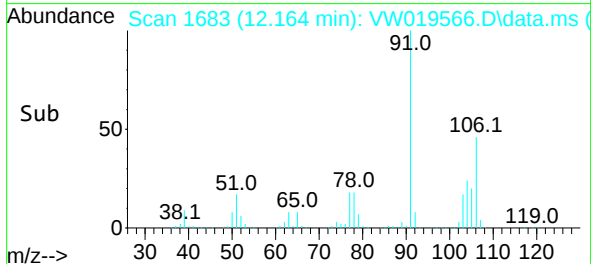
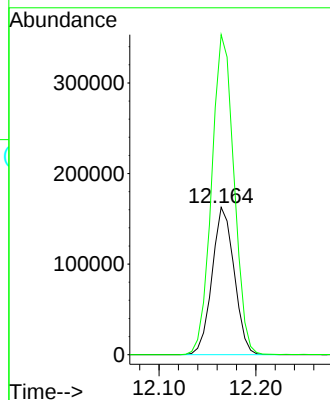
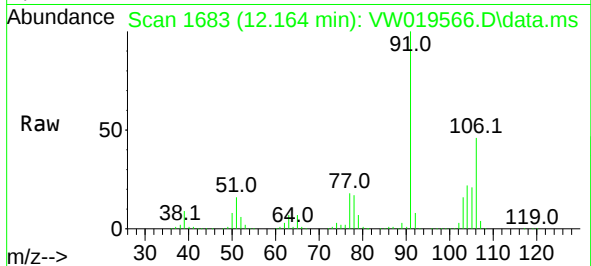




#54
o-Xylene
Concen: 25.945 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

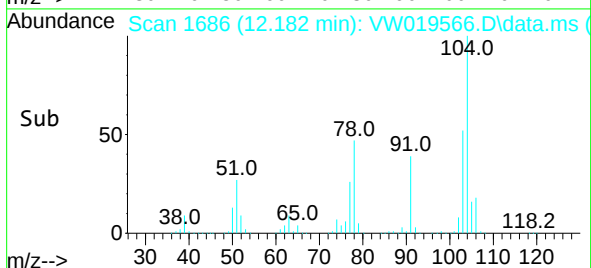
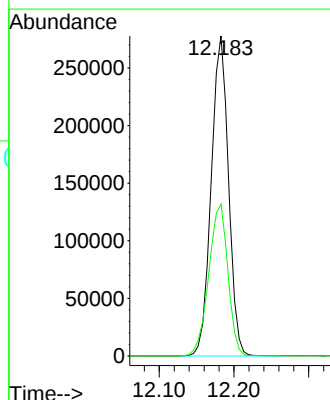
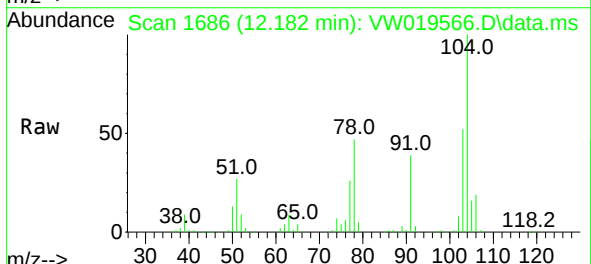
Instrument :
MSVOA_W
ClientSampled :

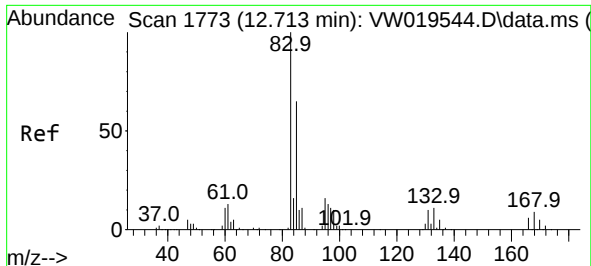
Tgt Ion:106 Resp: 258259
Ion Ratio Lower Upper
106 100
91 217.2 150.0 278.6



#55
Styrene
Concen: 25.843 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion:104 Resp: 445717
Ion Ratio Lower Upper
104 100
78 47.4 32.5 60.3

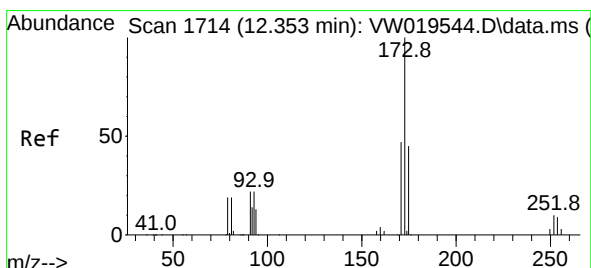
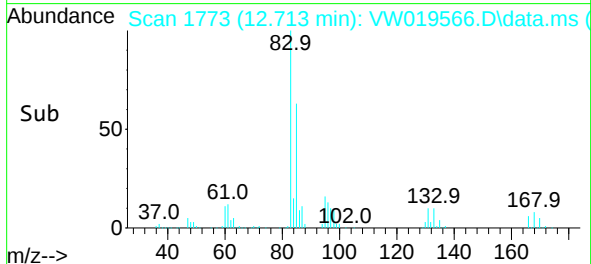
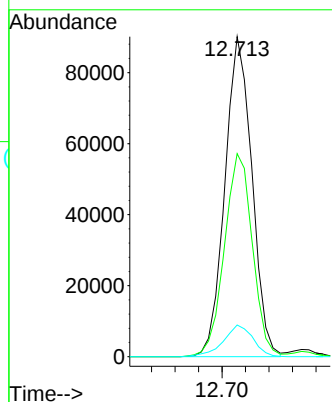
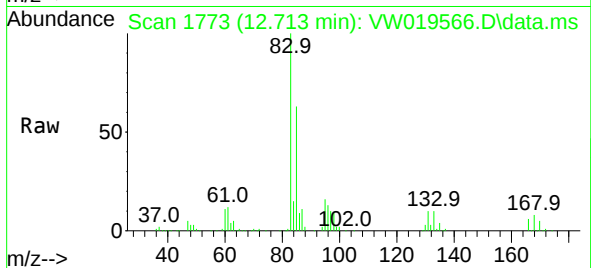




#57
1,1,2,2-Tetrachloroethane
Concen: 25.270 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

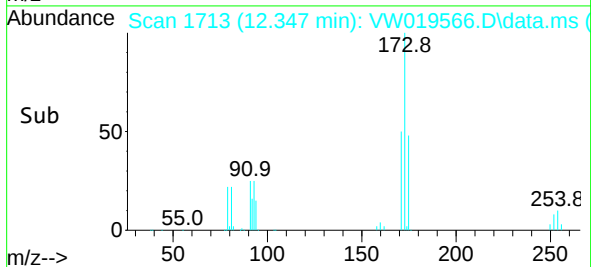
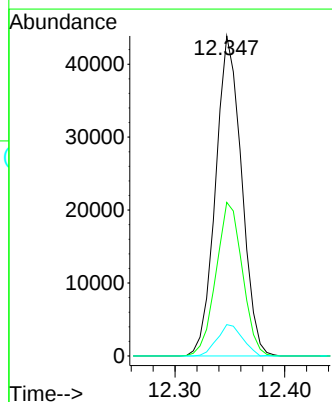
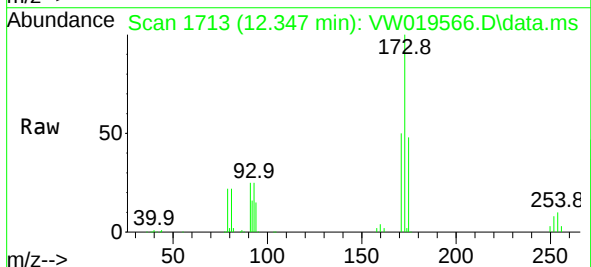
Instrument :
MSVOA_W
ClientSampled :

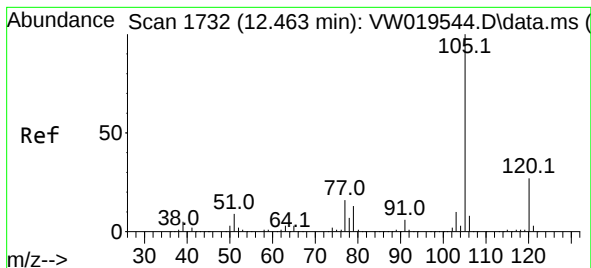
Tgt Ion: 83 Resp: 144141
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4
131 9.9 8.2 12.4



#59
Bromoform
Concen: 24.862 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion:173 Resp: 72269
Ion Ratio Lower Upper
173 100
175 48.7 37.5 56.3
254 9.6 7.0 10.4

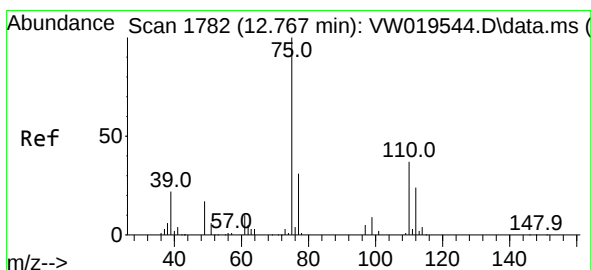
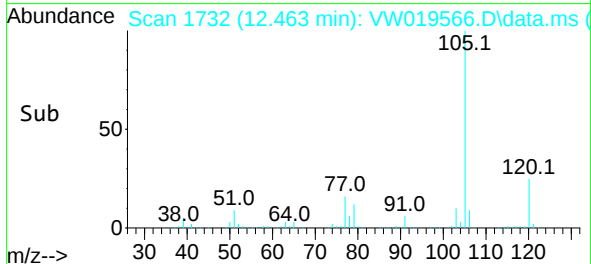
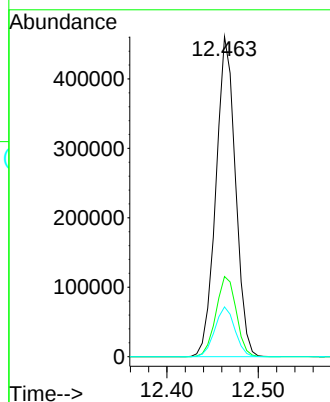
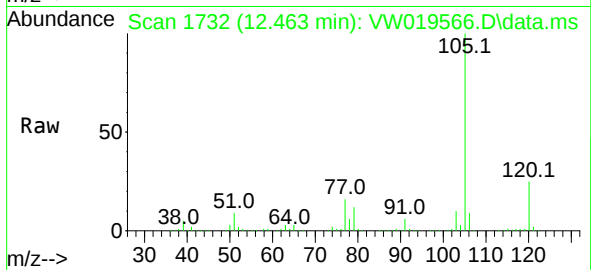




#60
Isopropylbenzene
Concen: 25.039 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

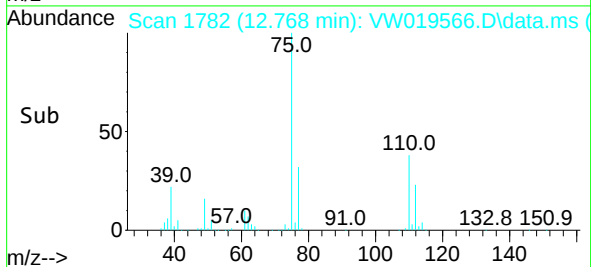
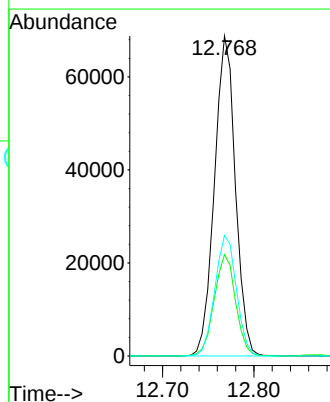
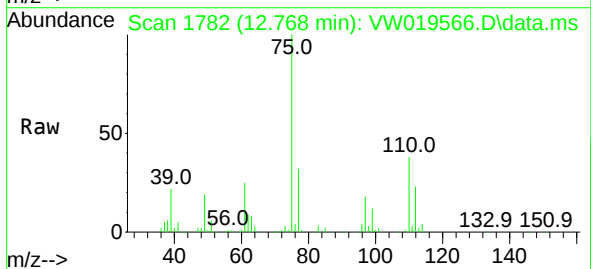
Instrument :
MSVOA_W
ClientSampled :

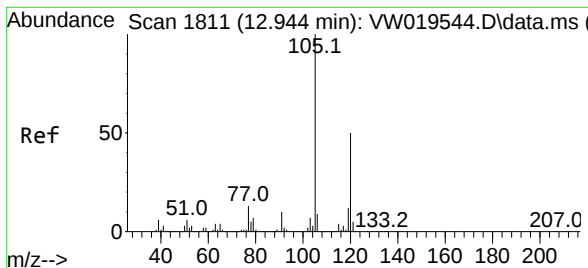
Tgt Ion:105 Resp: 685293
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 15.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.525 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion: 75 Resp: 109411
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
110 38.8 32.6 48.8

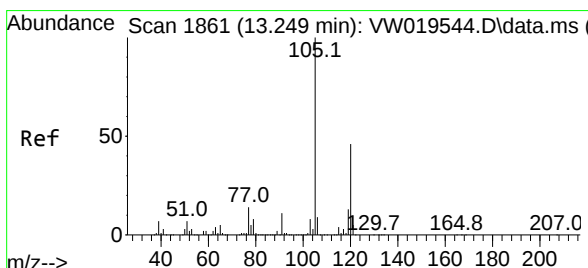
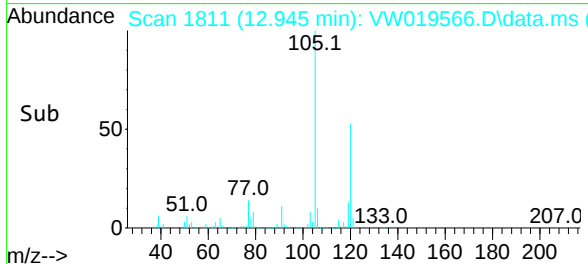
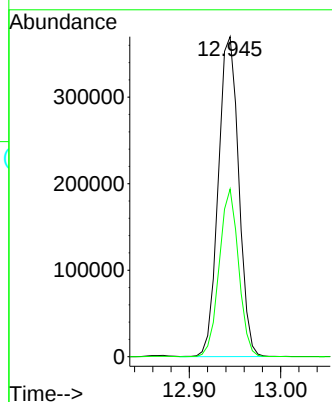
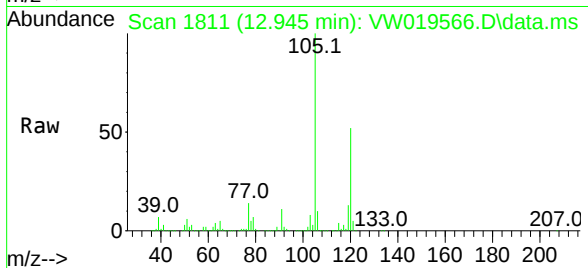




#62
1,3,5-Trimethylbenzene
Concen: 25.051 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

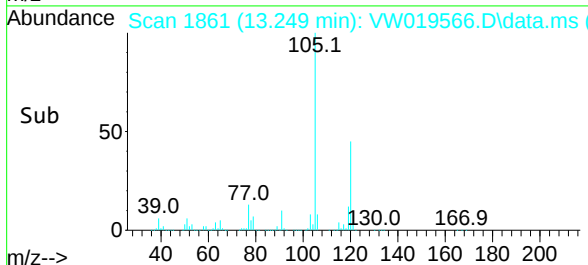
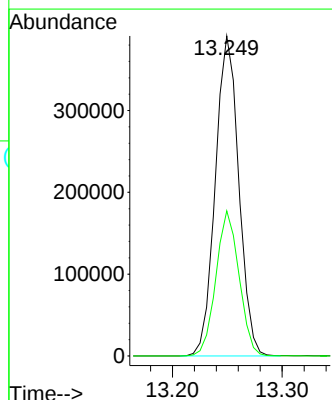
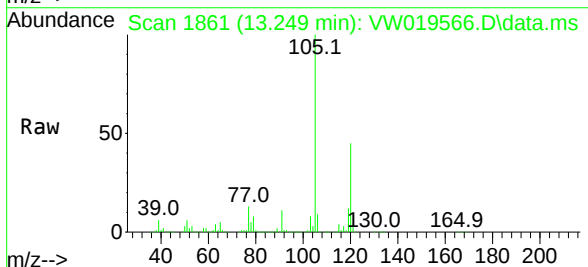
Instrument :
MSVOA_W
ClientSampled :

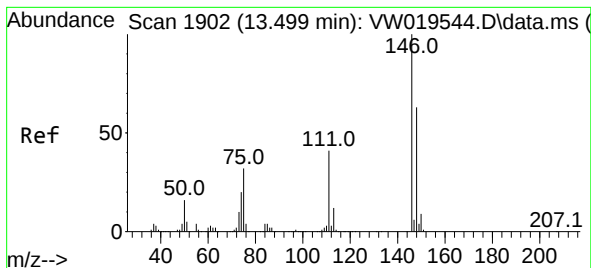
Tgt Ion:105 Resp: 574070
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 25.198 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion:105 Resp: 581834
Ion Ratio Lower Upper
105 100
120 44.6 35.6 53.4

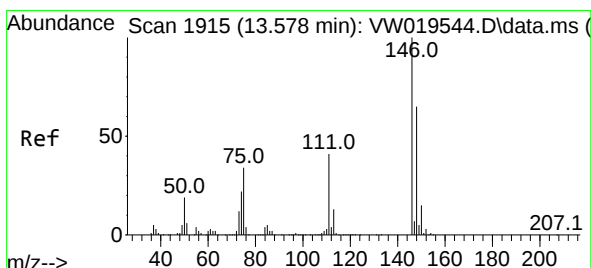
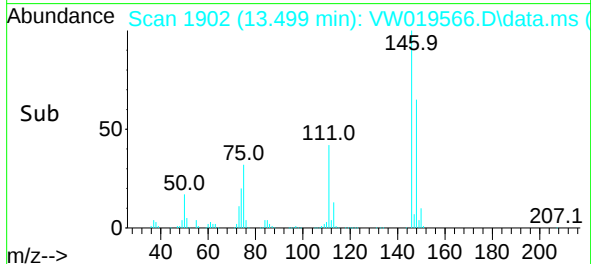
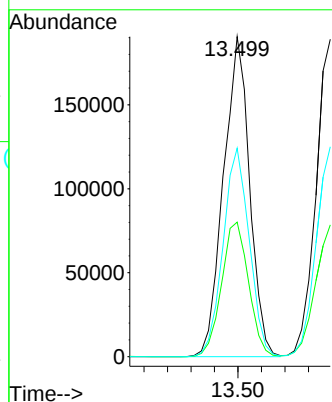
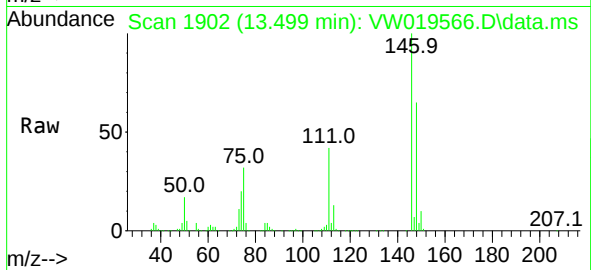




#64
1,3-Dichlorobenzene
Concen: 23.494 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

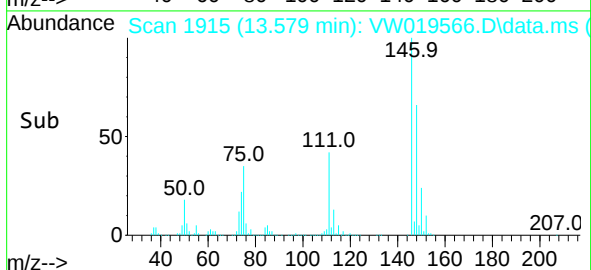
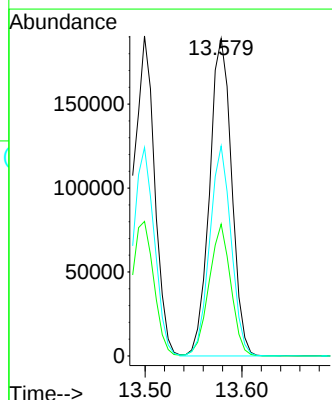
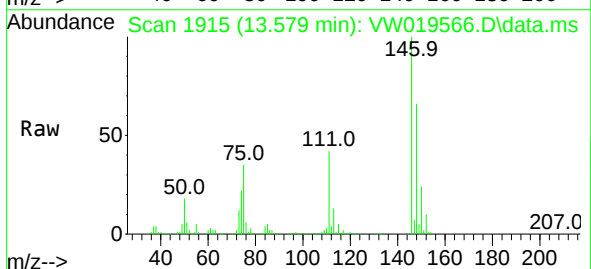
Instrument :
MSVOA_W
ClientSampled :

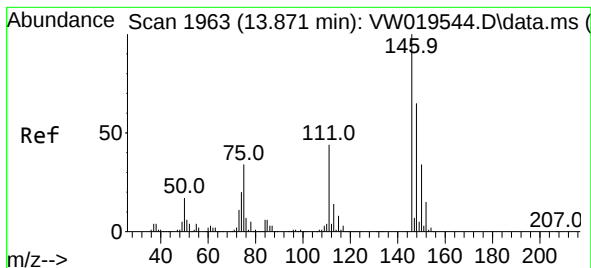
Tgt Ion:146 Resp: 294246
Ion Ratio Lower Upper
146 100
111 42.0 26.7 49.7
148 65.2 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 24.311 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

Tgt Ion:146 Resp: 300863
Ion Ratio Lower Upper
146 100
111 41.5 28.8 53.4
148 66.1 46.8 87.0

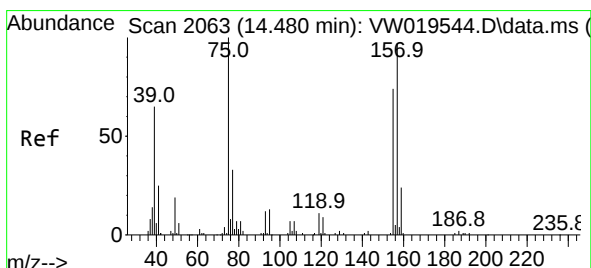
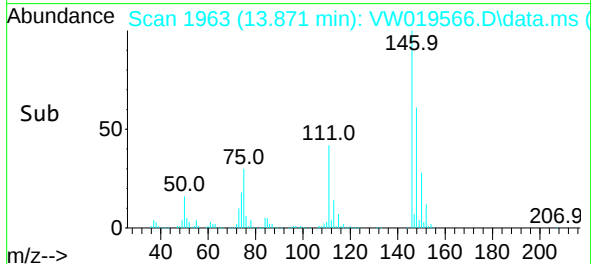
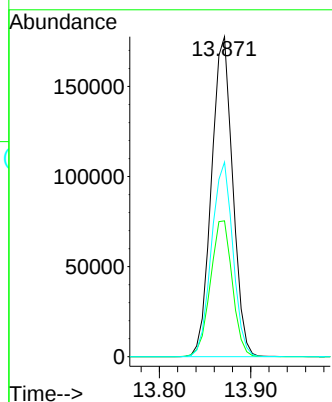
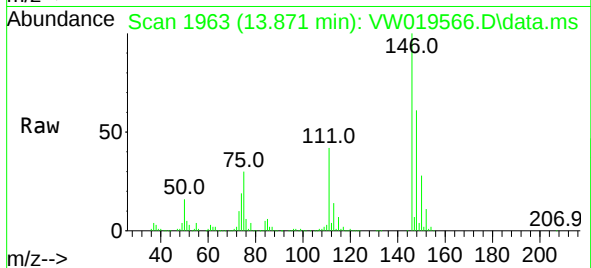




#67
1,2-Dichlorobenzene
Concen: 25.384 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

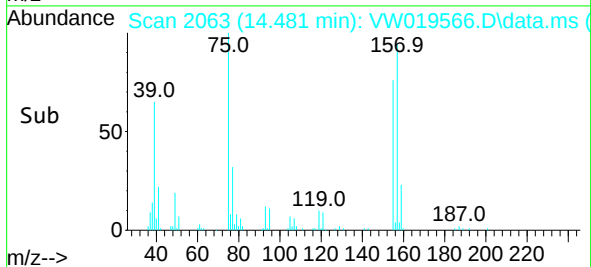
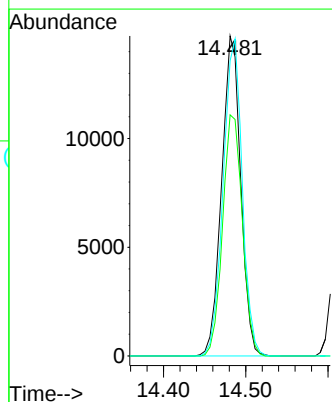
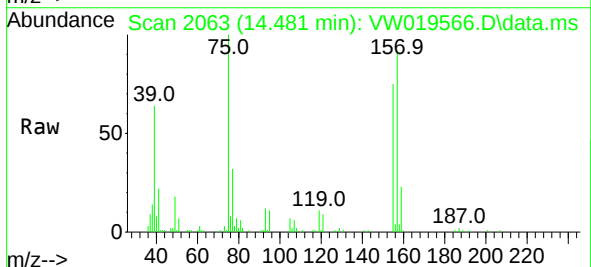
Instrument :
MSVOA_W
ClientSampled :

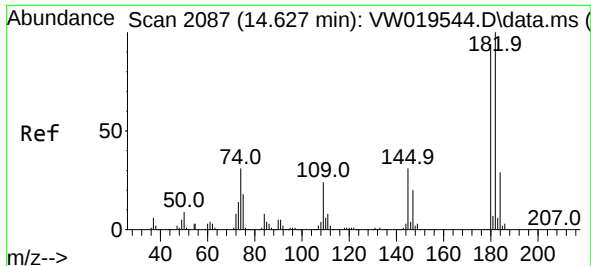
Tgt Ion:146 Resp: 286409
Ion Ratio Lower Upper
146 100
111 42.5 33.2 49.8
148 60.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.295 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

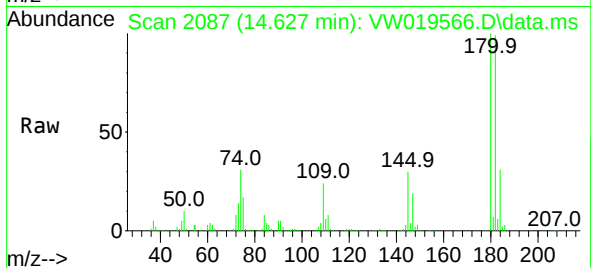
Tgt Ion: 75 Resp: 23651
Ion Ratio Lower Upper
75 100
155 75.3 59.4 89.0
157 92.3 72.2 108.2



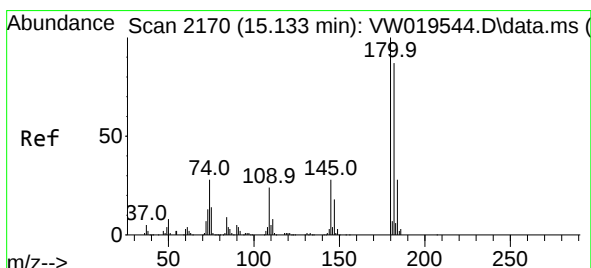
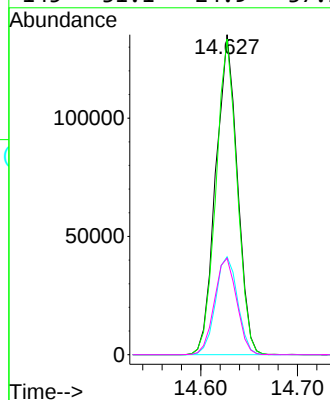
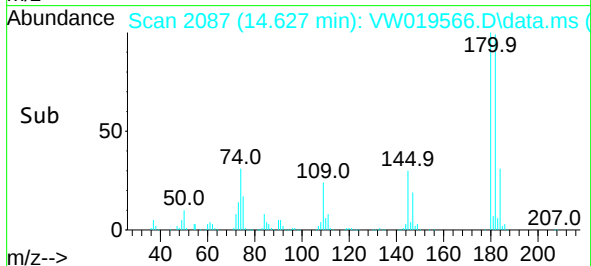


#69
1,3,5-Trichlorobenzene
Concen: 22.900 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

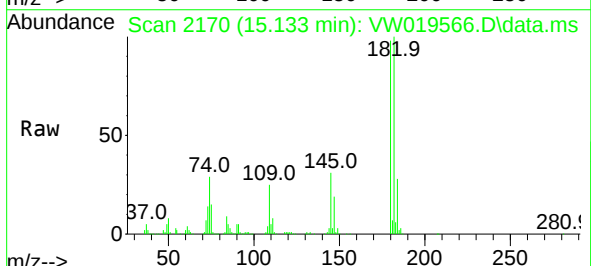
Instrument :
MSVOA_W
ClientSampled :



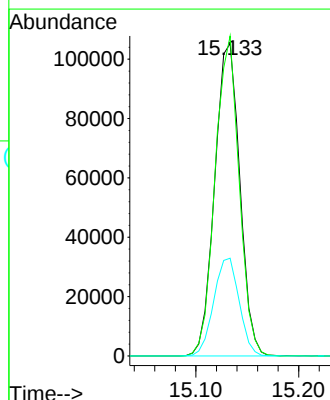
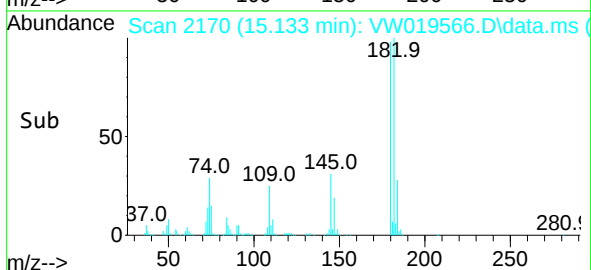
Tgt Ion:180 Resp: 209562
Ion Ratio Lower Upper
180 100
182 96.3 73.4 110.2
184 31.3 23.6 35.4
145 31.1 24.9 37.3

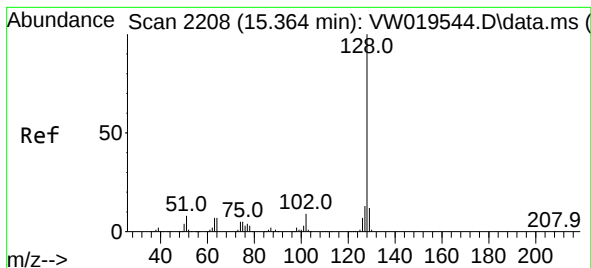


#70
1,2,4-trichlorobenzene
Concen: 23.360 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44



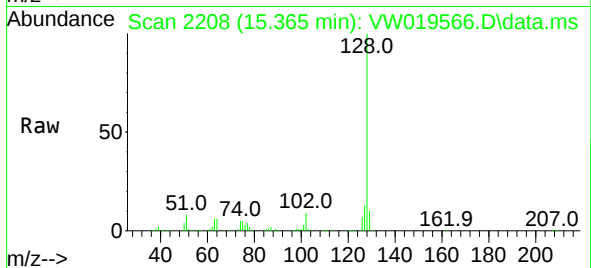
Tgt Ion:180 Resp: 178733
Ion Ratio Lower Upper
180 100
182 97.7 74.7 112.1
145 31.7 25.0 37.4



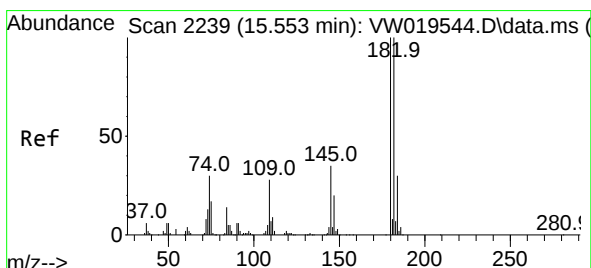
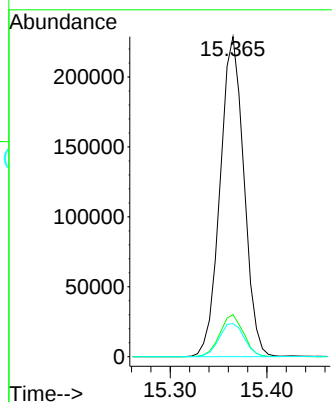
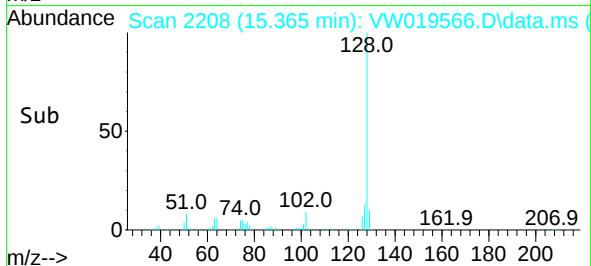


#71
Naphthalene
Concen: 25.283 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44

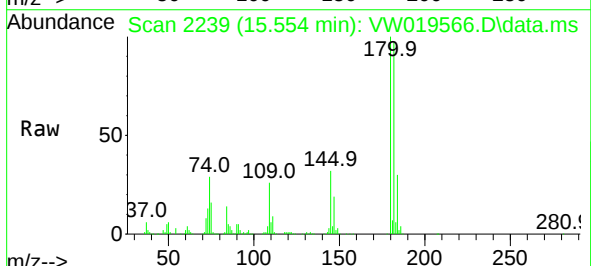
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:128 Resp: 390696
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.809 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019566.D
Acq: 22 Jul 2021 20:44



Tgt Ion:180 Resp: 176840
Ion Ratio Lower Upper
180 100
182 93.7 76.7 115.1
145 31.8 28.9 43.3

