

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051821\
 Data File : VW019011.D
 Acq On : 18 May 2021 10:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 19 01:12:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 18 01:12:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	626017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	561780	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	284233	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	184293	28.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.72%
7) Chloroethane-d5	2.898	69	158801	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	4.025	63	387101	26.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.48%
21) 2-Butanone-d5	7.086	46	87427	52.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.22%
24) Chloroform-d	7.647	84	426696	26.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.52%
26) 1,2-Dichloroethane-d4	8.305	65	216641	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.08%
32) Benzene-d6	8.275	84	832761	26.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	9.274	67	245612	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
41) Toluene-d8	10.323	98	786593	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.04%
43) trans-1,3-Dichloroprop...	10.579	79	107841	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.16%
47) 2-Hexanone-d5	10.920	63	73133	53.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.62%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	188195	26.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.88%
66) 1,2-Dichlorobenzene-d4	13.853	152	257214	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	165955	25.95	ug/L	98
3) Chloromethane	2.221	50	146010	22.80	ug/L	99
5) Vinyl chloride	2.367	62	240919	29.36	ug/L	98
6) Bromomethane	2.788	94	169599	24.91	ug/L	100
8) Chloroethane	2.934	64	149416	26.00	ug/L	98
9) Trichlorofluoromethane	3.263	101	148978	24.81	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	209880	25.38	ug/L	96
12) 1,1-Dichloroethene	4.044	96	206980	25.66	ug/L	92
13) Acetone	4.135	43	63292	44.52	ug/L	94
14) Carbon disulfide	4.391	76	613502	27.17	ug/L	100
15) Methyl Acetate	4.678	43	67442	22.93	ug/L	97
16) Methylene chloride	4.922	84	204614	19.48	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	215950	24.38	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	249608	23.48	ug/L	97
19) 1,1-Dichloroethane	6.220	63	383797	24.92	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	223130	24.07	ug/L	96
22) 2-Butanone	7.171	43	88607	45.23	ug/L	97
23) Bromochloromethane	7.519	128	94108	23.57	ug/L	91
25) Chloroform	7.677	83	388806	24.59	ug/L	97

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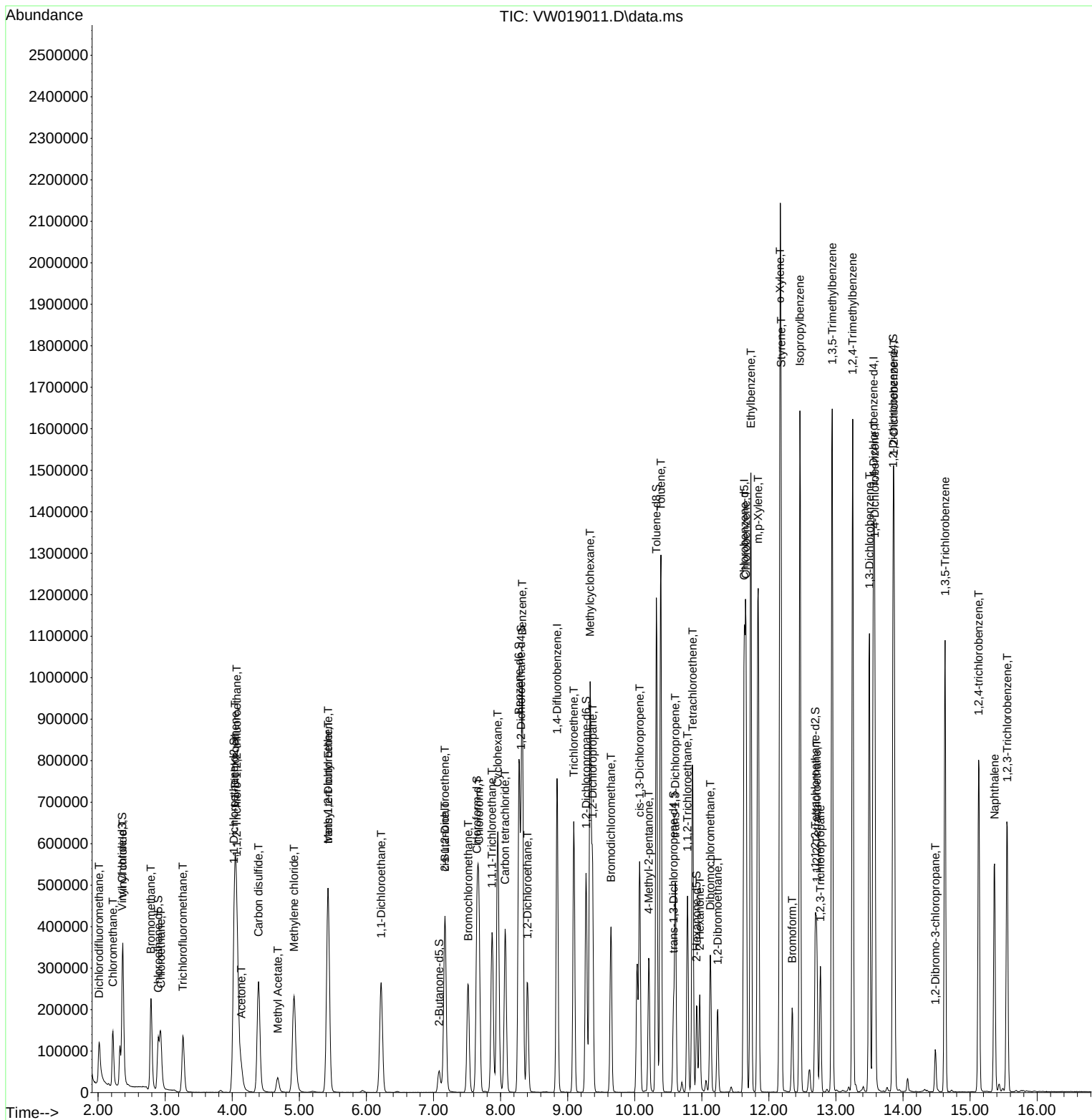
Instrument :
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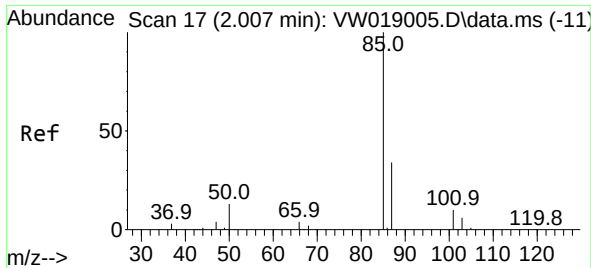
Quant Time: May 19 01:12:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 18 01:12:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	241031	24.33	ug/L	98
29) Cyclohexane	7.958	56	354251	26.40	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	309815	25.31	ug/L	99
31) Carbon tetrachloride	8.067	117	290749	26.09	ug/L	100
33) Benzene	8.323	78	864877	25.16	ug/L	100
34) Trichloroethene	9.092	95	228107	25.01	ug/L	95
35) Methylcyclohexane	9.335	83	408345	25.76	ug/L	99
37) 1,2-Dichloropropane	9.372	63	206179	24.90	ug/L	98
38) Bromodichloromethane	9.646	83	269340	24.97	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	316992	25.51	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	199842	46.55	ug/L	95
42) Toluene	10.390	91	939434	24.84	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	273354	25.26	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	143855	23.74	ug/L	98
46) Tetrachloroethene	10.866	164	178254	24.58	ug/L	96
48) 2-Hexanone	10.969	43	139189	49.84	ug/L	95
49) Dibromochloromethane	11.128	129	168026	24.64	ug/L	97
50) 1,2-Dibromoethane	11.238	107	136457	24.12	ug/L	100
51) Chlorobenzene	11.658	112	563573	24.10	ug/L	98
52) Ethylbenzene	11.731	91	1038623	24.73	ug/L	100
53) m,p-Xylene	11.841	106	390115	24.75	ug/L	100
54) o-Xylene	12.164	106	363154	24.51	ug/L	96
55) Styrene	12.182	104	631372	25.06	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	168125	24.11	ug/L	98
59) Bromoform	12.347	173	91536	24.87	ug/L	98
60) Isopropylbenzene	12.463	105	1042958	25.19	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	123256	24.00	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	869304	25.95	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	855569	25.30	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	442585	24.64	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	430999	24.04	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	389409	24.61	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24993	22.76	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	330121	25.15	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	253643	24.25	ug/L	99
71) Naphthalene	15.365	128	467324	24.68	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	219135	23.81	ug/L	97

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

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Response via : Initial Calibration

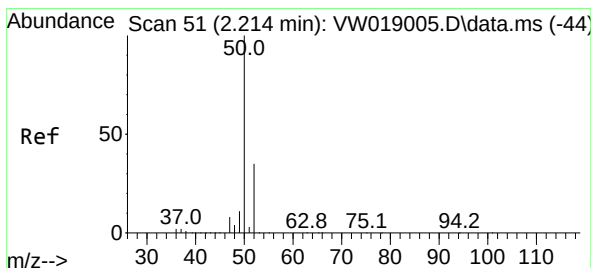
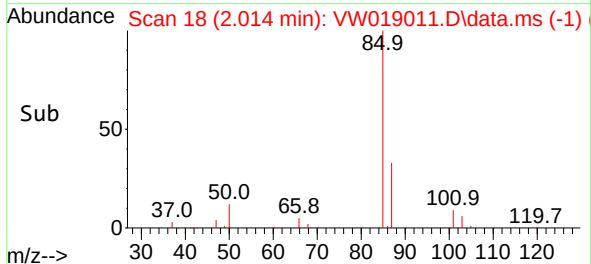
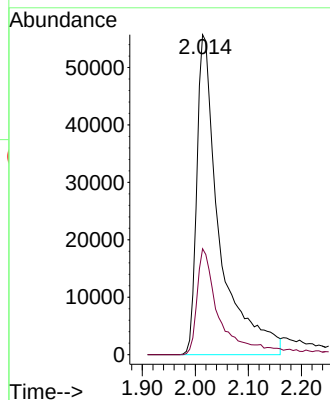
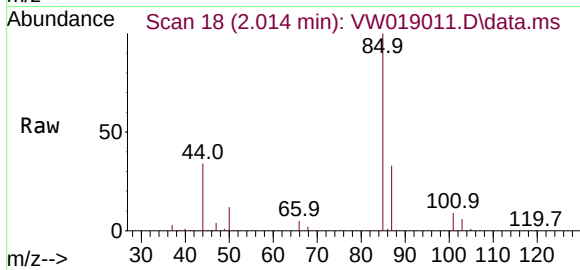




#2
Dichlorodifluoromethane
Concen: 25.95 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

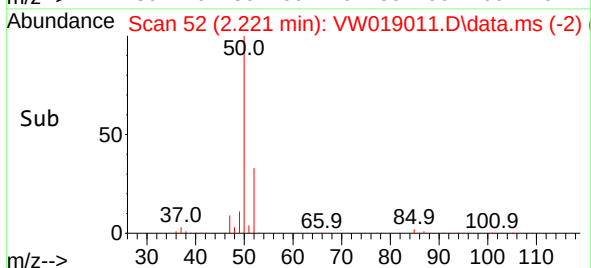
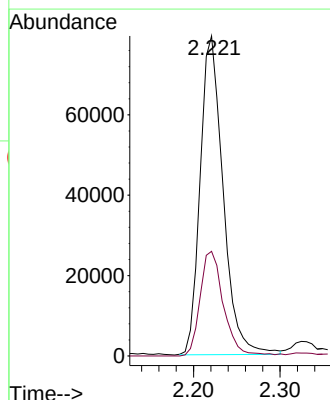
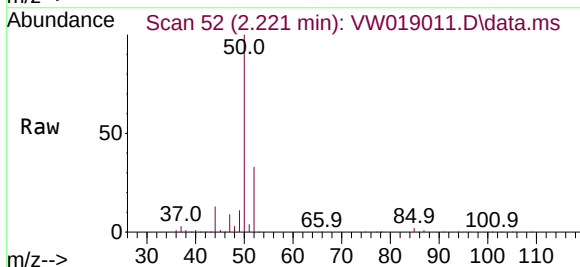
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MSVOA_W
ClientSampled :

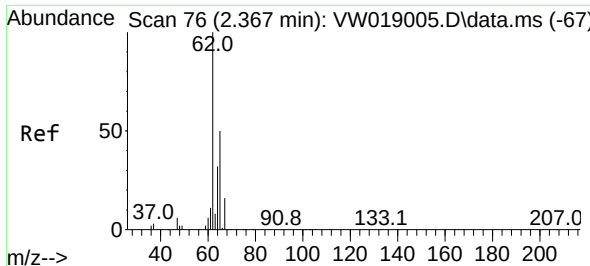
Tgt Ion: 85 Resp: 165955
Ion Ratio Lower Upper
85 100
87 30.3 23.3 34.9



#3
Chloromethane
Concen: 22.80 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 50 Resp: 146010
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

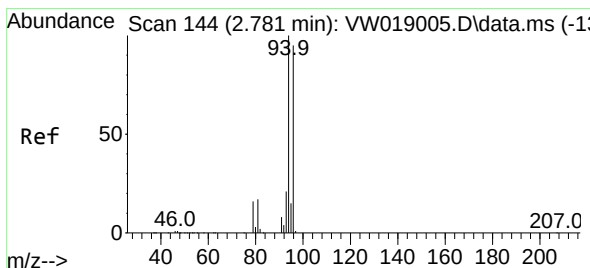
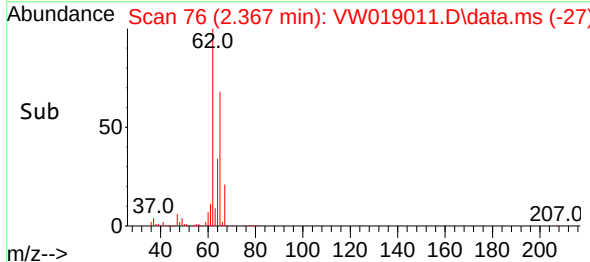
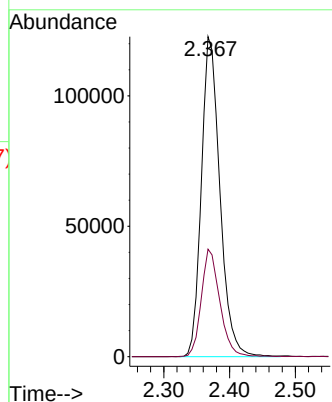
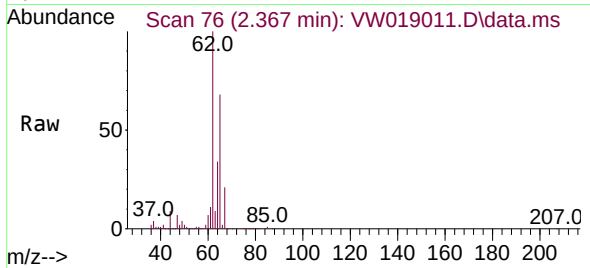




#5
 Vinyl chloride
 Concen: 29.36 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019011.D
 Acq: 18 May 2021 10:09

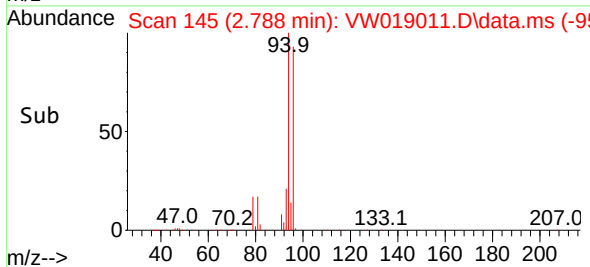
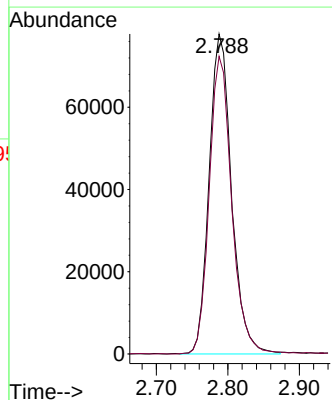
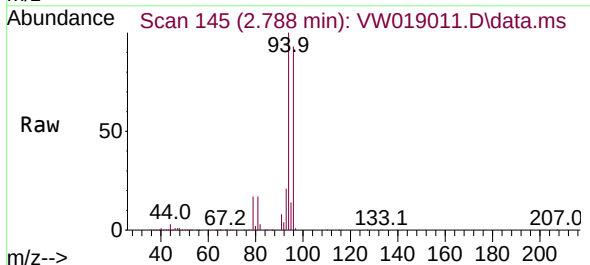
Instrument :
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 ClientSampled :

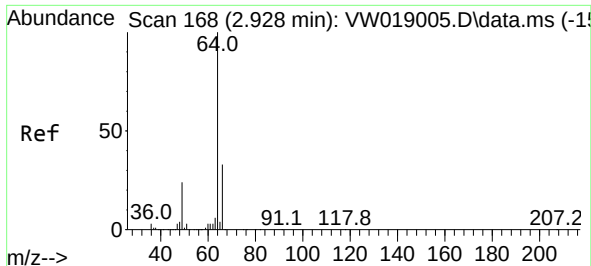
Tgt Ion: 62 Resp: 240919
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.2 45.0



#6
 Bromomethane
 Concen: 24.91 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW019011.D
 Acq: 18 May 2021 10:09

Tgt Ion: 94 Resp: 169599
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.3 121.3

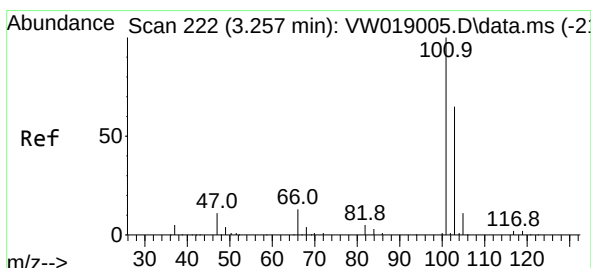
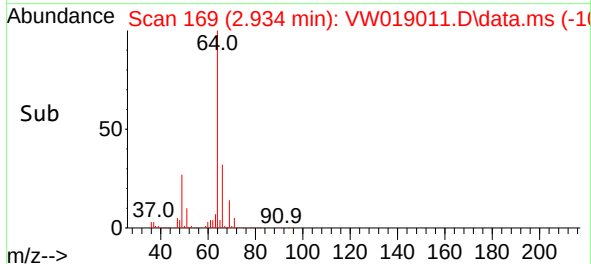
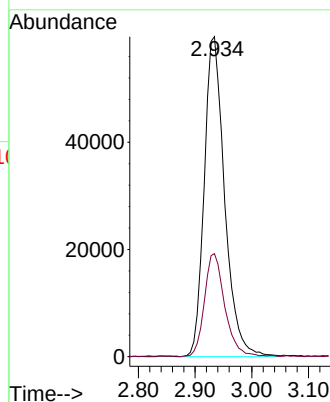
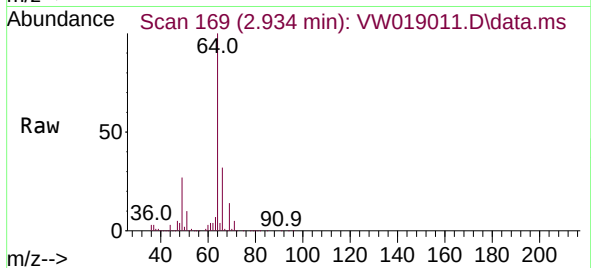




#8
Chloroethane
Concen: 26.00 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

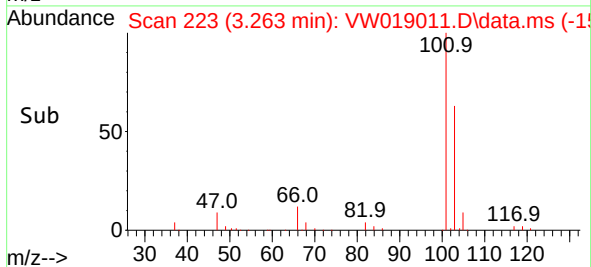
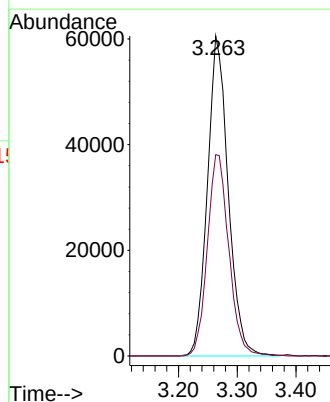
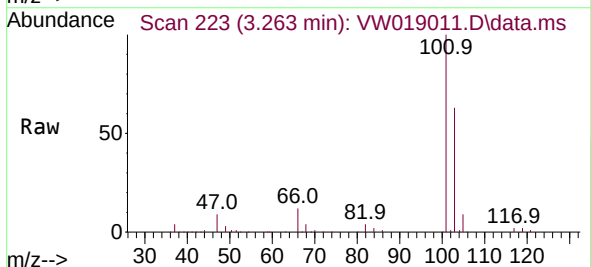
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ClientSampled :

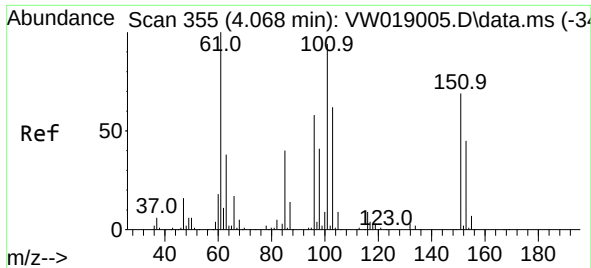
Tgt Ion: 64 Resp: 149416
Ion Ratio Lower Upper
64 100
66 32.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.81 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 101 Resp: 148978
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

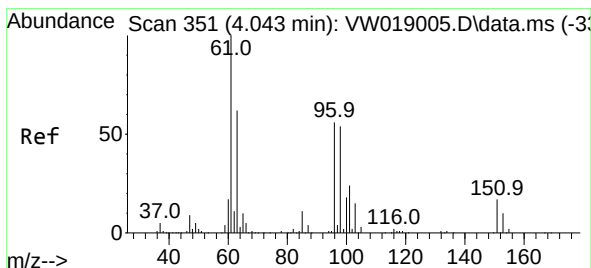
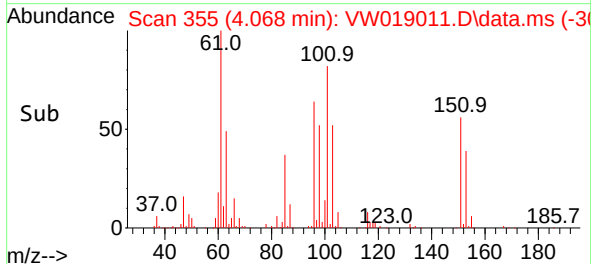
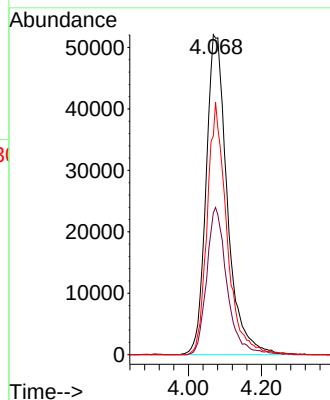
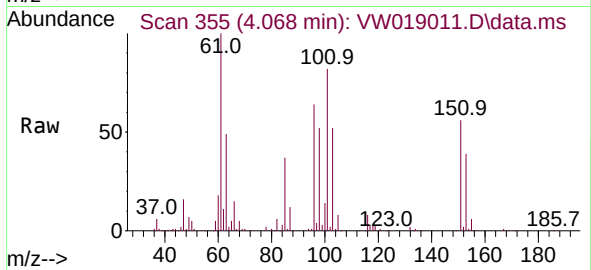




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.38 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW019011.D
 Acq: 18 May 2021 10:09

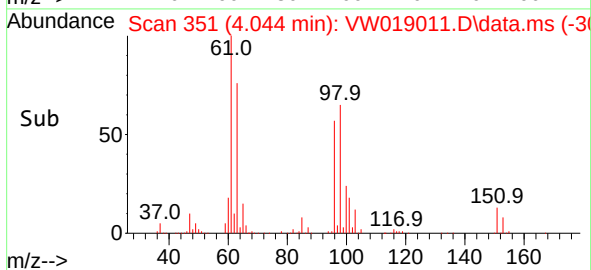
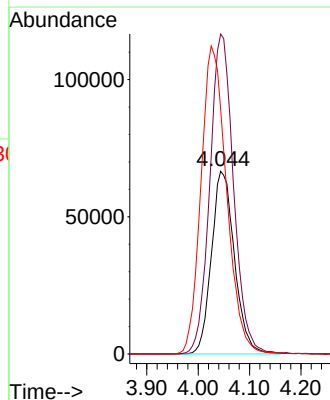
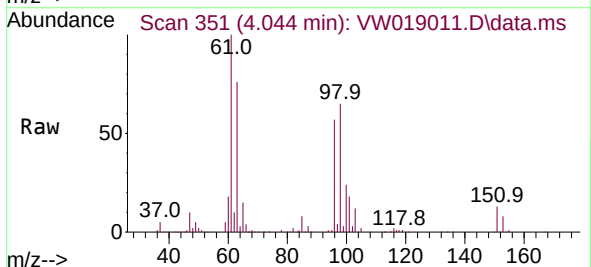
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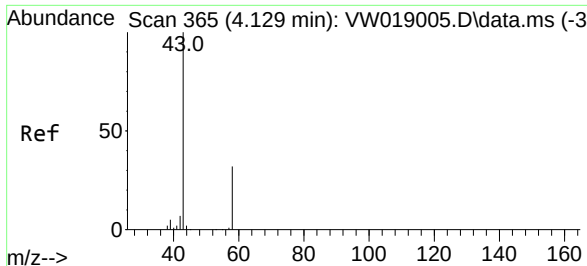
Tgt Ion:101 Resp: 209880
 Ion Ratio Lower Upper
 101 100
 85 42.0 38.2 57.2
 151 71.7 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 25.66 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW019011.D
 Acq: 18 May 2021 10:09

Tgt Ion: 96 Resp: 206980
 Ion Ratio Lower Upper
 96 100
 61 175.1 118.1 219.3
 63 133.8 83.7 155.5

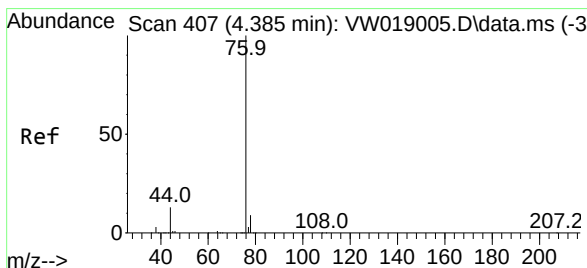
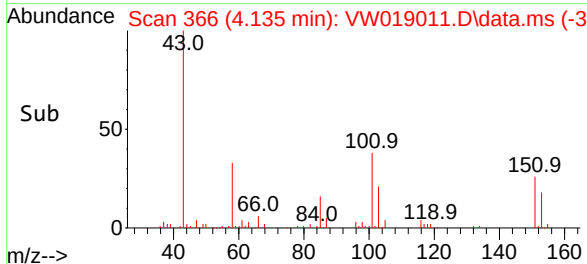
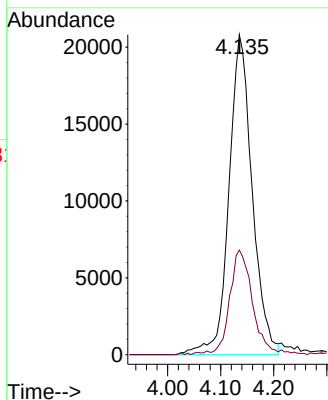
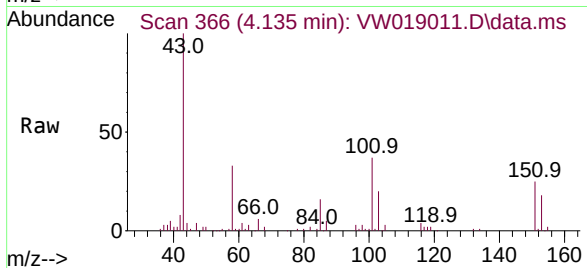




#13
Acetone
Concen: 44.52 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

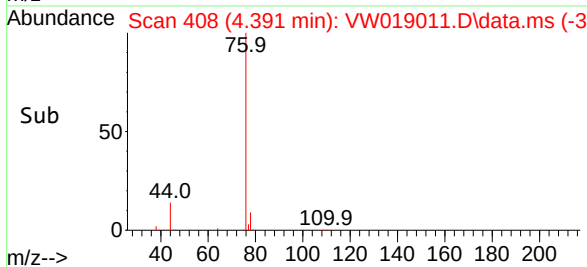
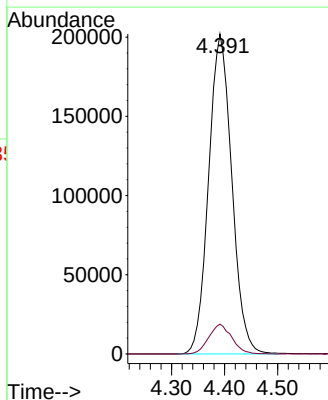
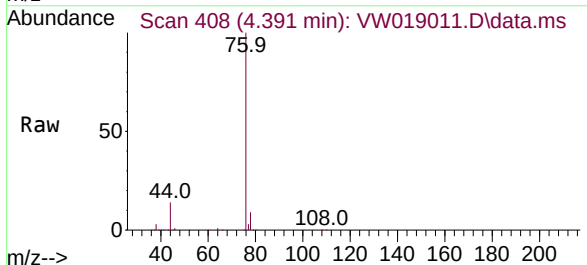
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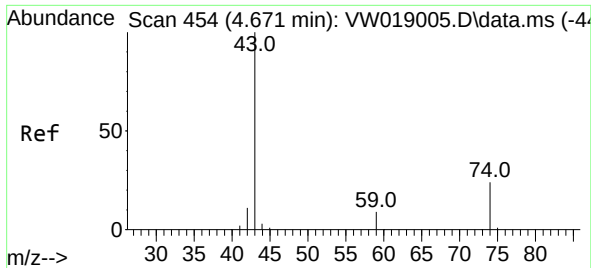
Tgt Ion: 43 Resp: 63292
Ion Ratio Lower Upper
43 100
58 30.1 0.0 53.8



#14
Carbon disulfide
Concen: 27.17 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 76 Resp: 613502
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

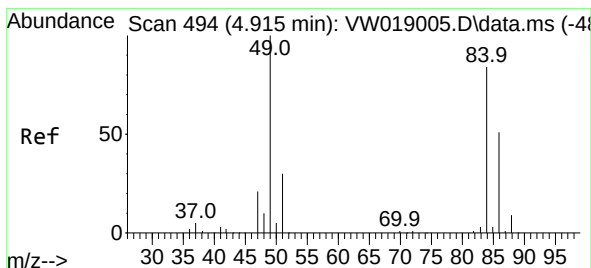
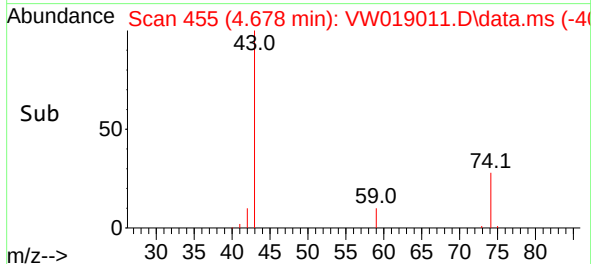
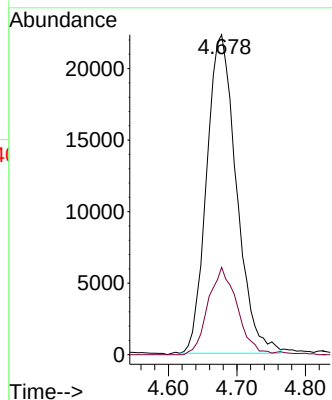
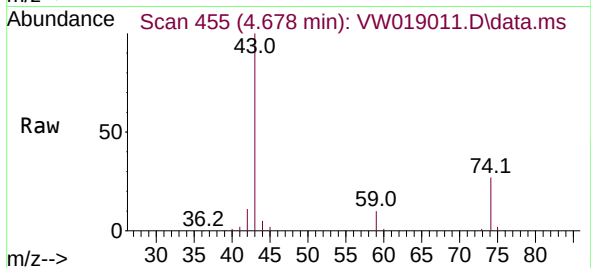




#15
Methyl Acetate
Concen: 22.93 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

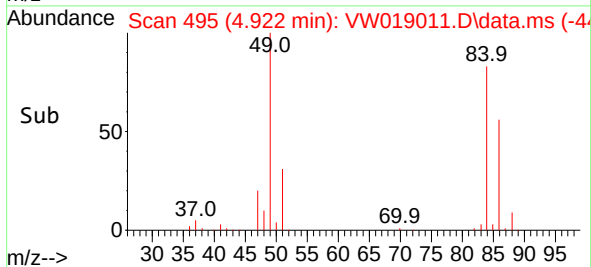
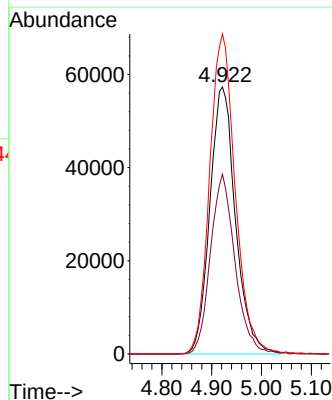
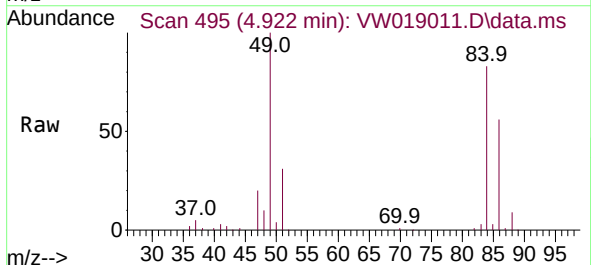
Instrument :
MSVOA_W
ClientSampled :

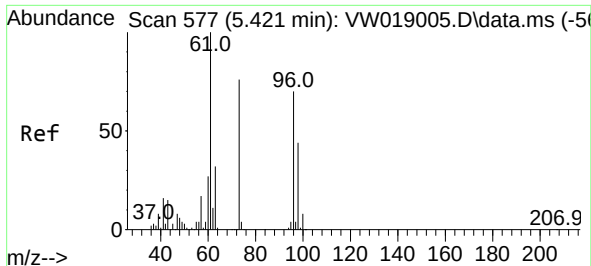
Tgt Ion: 43 Resp: 67442
Ion Ratio Lower Upper
43 100
74 26.4 20.0 30.0



#16
Methylene chloride
Concen: 19.48 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

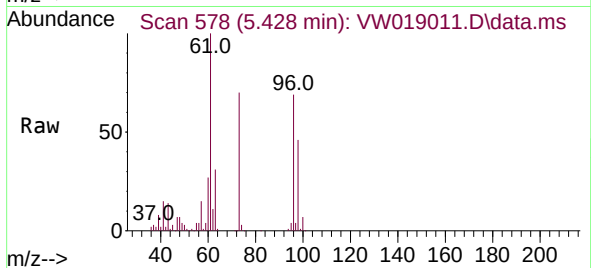
Tgt Ion: 84 Resp: 204614
Ion Ratio Lower Upper
84 100
86 67.3 45.3 84.1
49 119.8 86.6 160.8



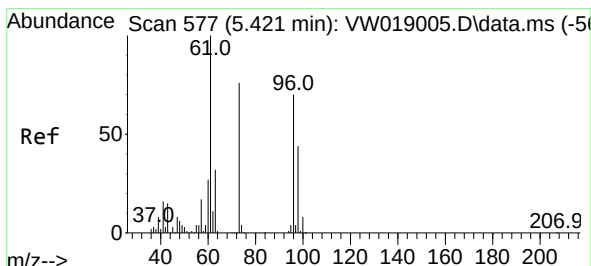
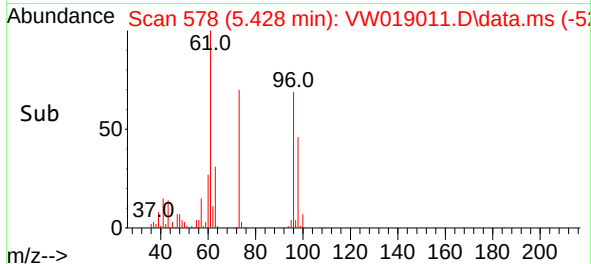
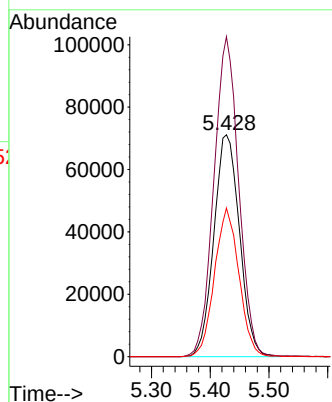


#17
trans-1,2-Dichloroethene
Concen: 24.38 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Instrument :
MSVOA_W
ClientSampled :

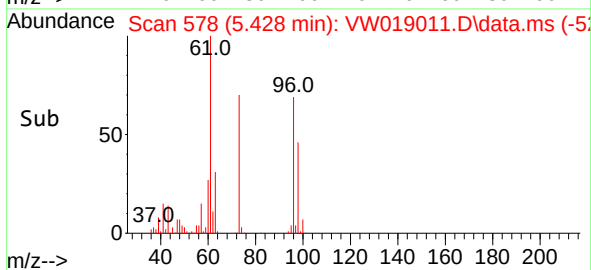
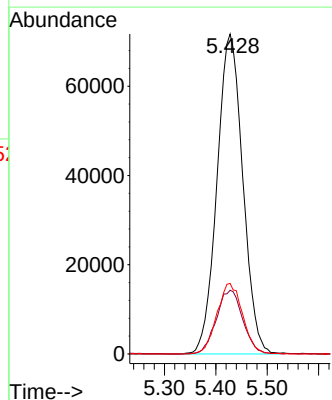
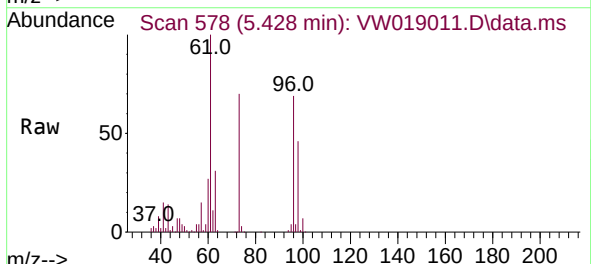


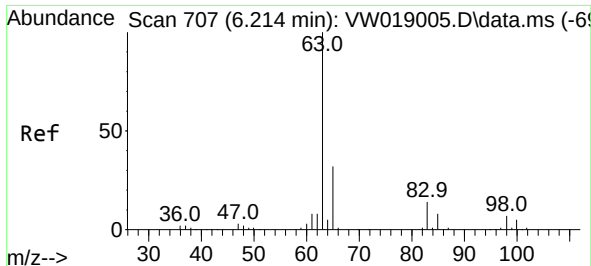
Tgt Ion: 96 Resp: 215950
Ion Ratio Lower Upper
96 100
61 144.2 98.3 182.7
98 67.0 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 23.48 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 73 Resp: 249608
Ion Ratio Lower Upper
73 100
43 20.5 17.7 26.5
57 22.0 17.0 25.4





#19

1,1-Dichloroethane

Concen: 24.92 ug/L

RT: 6.220 min Scan# 708

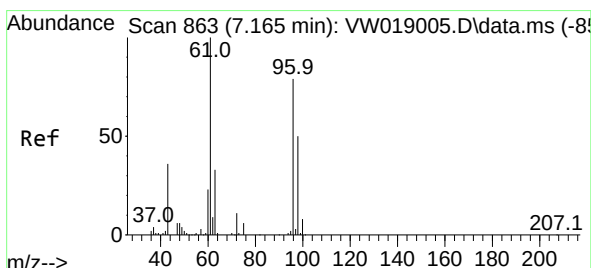
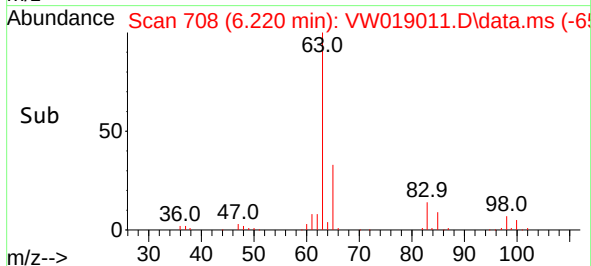
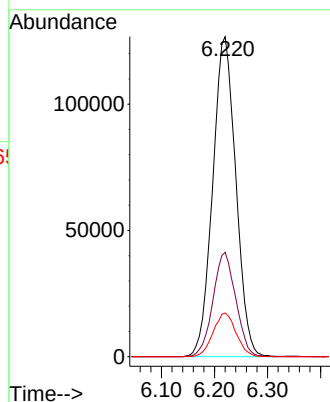
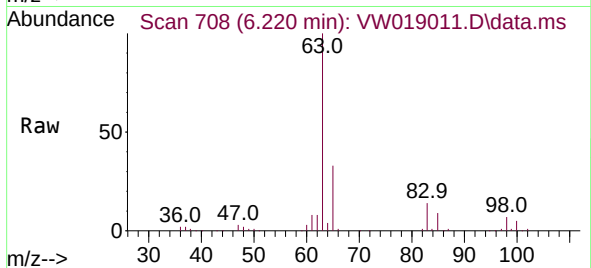
Delta R.T. 0.006 min

Lab File: VW019011.D

Acq: 18 May 2021 10:09

Tgt Ion:	63	Resp:	383797
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.9	42.5
83	13.7	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 24.07 ug/L

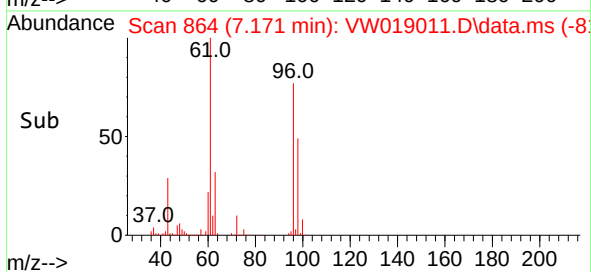
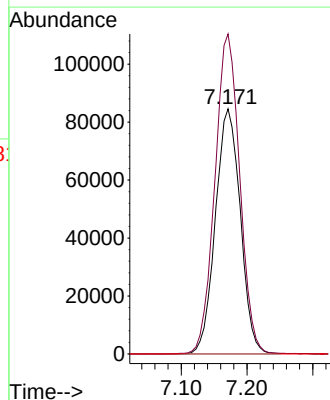
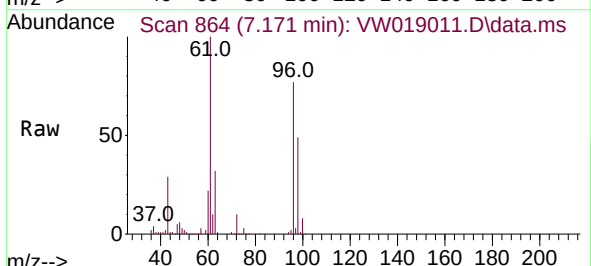
RT: 7.171 min Scan# 864

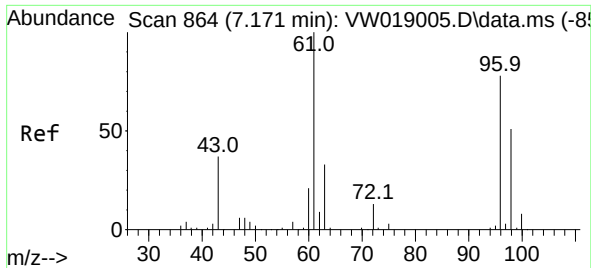
Delta R.T. 0.006 min

Lab File: VW019011.D

Acq: 18 May 2021 10:09

Tgt Ion:	96	Resp:	223130
Ion	Ratio	Lower	Upper
96	100		
61	130.6	88.5	164.3
68	0.0	0.0	0.0

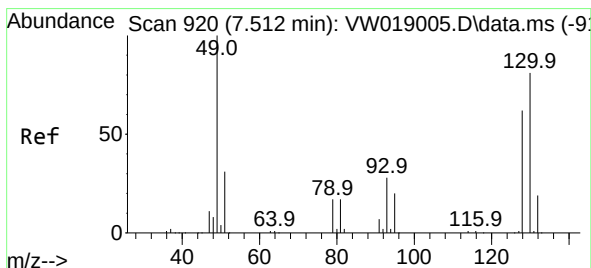
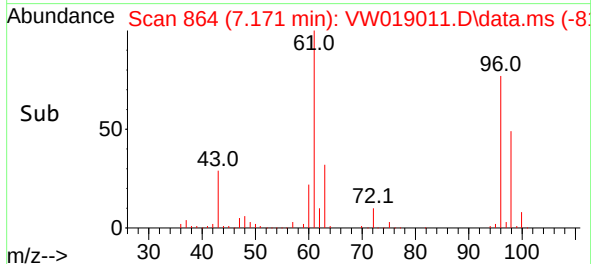
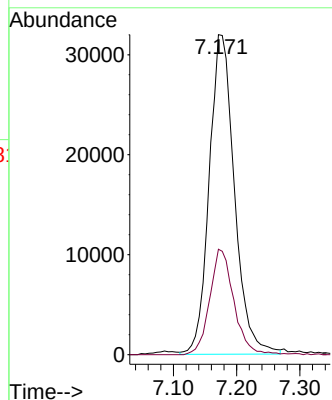
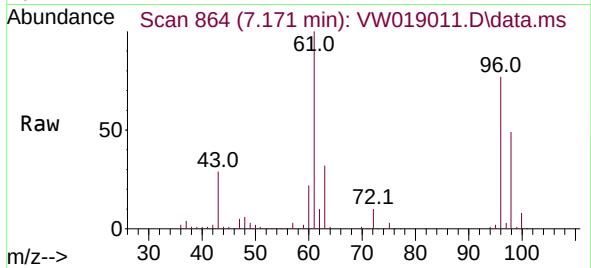




#22
2-Butanone
Concen: 45.23 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

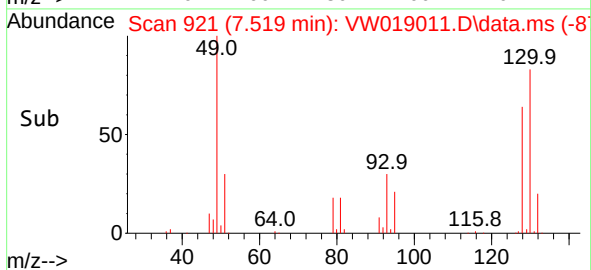
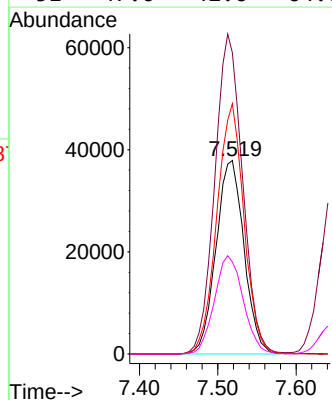
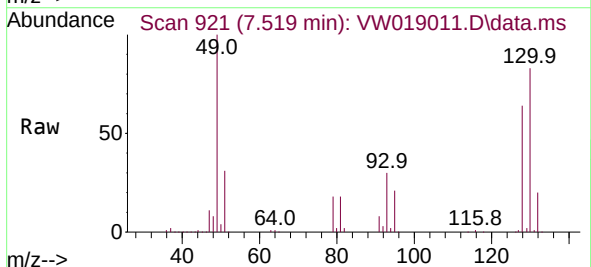
Instrument :
MSVOA_W
ClientSampled :

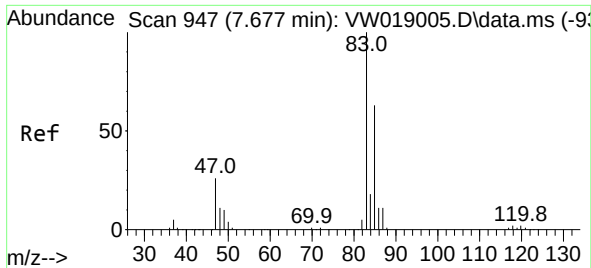
Tgt Ion: 43 Resp: 88607
Ion Ratio Lower Upper
43 100
72 31.5 14.9 44.7



#23
Bromochloromethane
Concen: 23.57 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 128 Resp: 94108
Ion Ratio Lower Upper
128 100
49 155.7 116.3 215.9
130 129.3 82.4 153.0
51 47.6 42.6 64.0

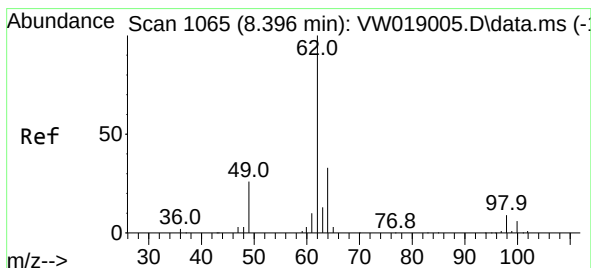
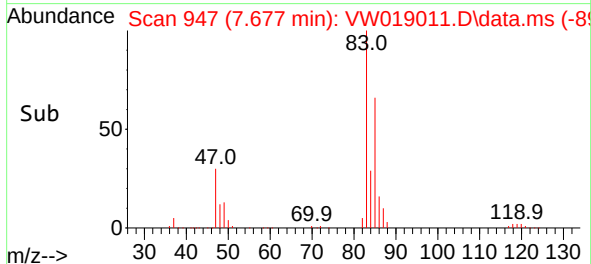
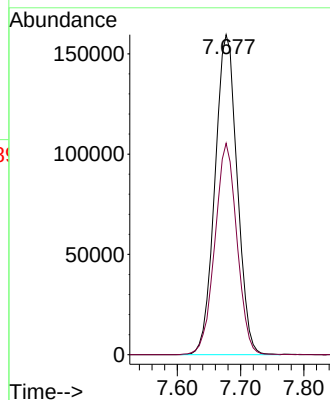
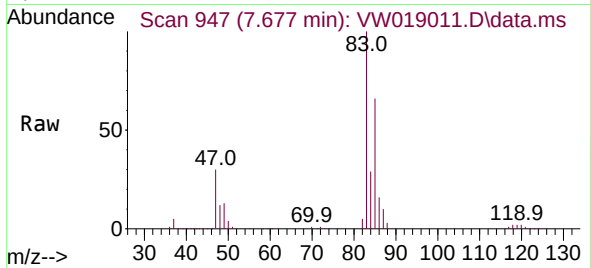




#25
Chloroform
Concen: 24.59 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

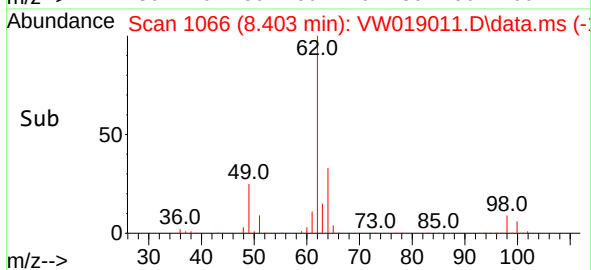
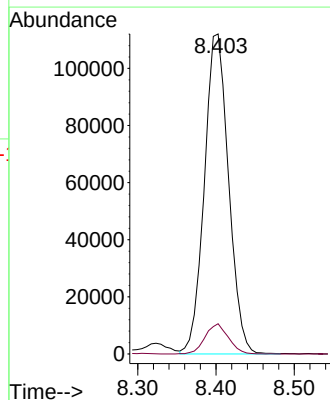
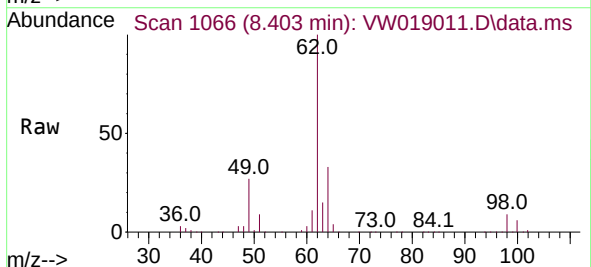
Instrument :
MSVOA_W
ClientSampleId :

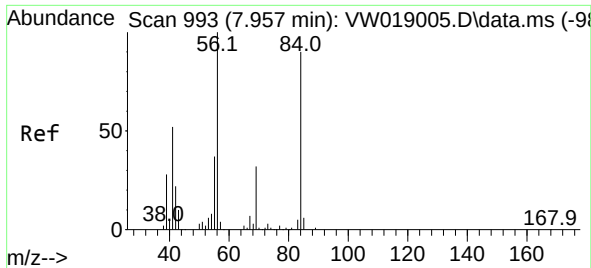
Tgt Ion: 83 Resp: 388806
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.33 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

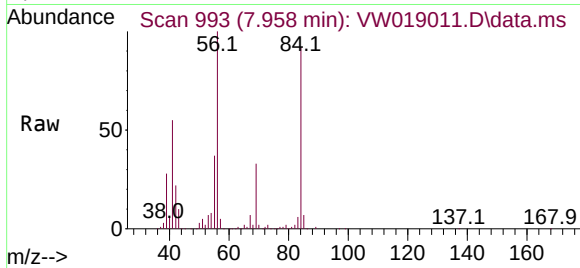
Tgt Ion: 62 Resp: 241031
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3



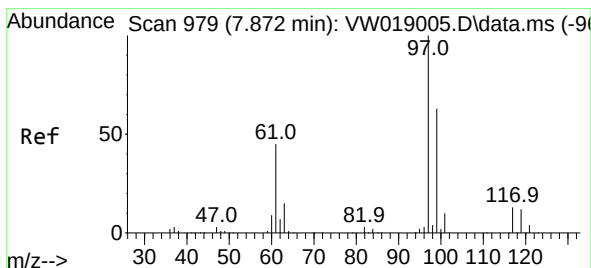
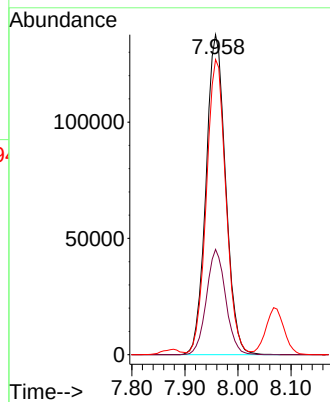
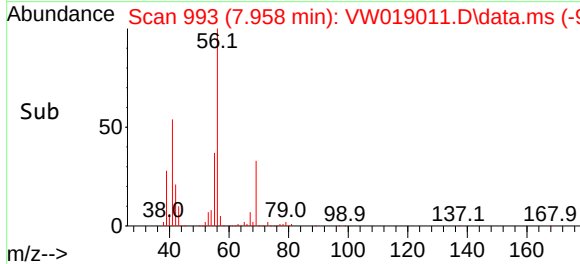


#29
Cyclohexane
Concen: 26.40 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

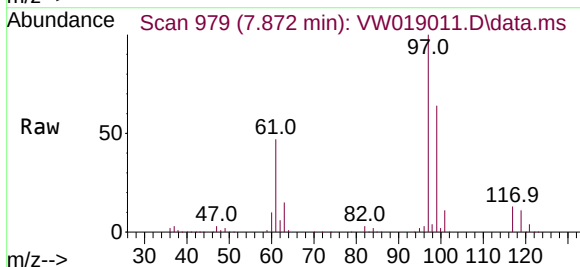
Instrument :
MSVOA_W
ClientSampled :



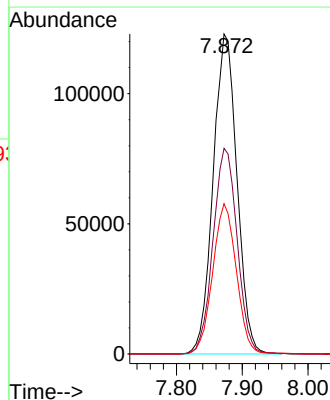
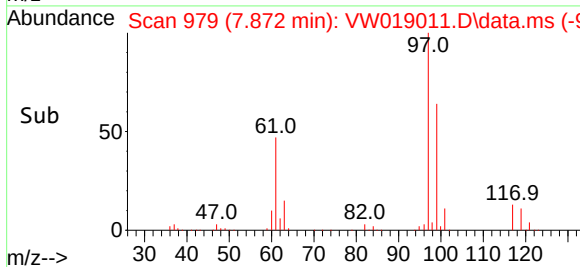
Tgt Ion: 56 Resp: 354251
Ion Ratio Lower Upper
56 100
69 32.2 24.5 36.7
84 91.9 75.0 112.4

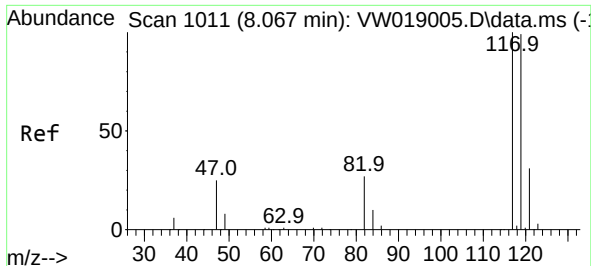


#30
1,1,1-Trichloroethane
Concen: 25.31 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09



Tgt Ion: 97 Resp: 309815
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 46.7 37.8 56.6

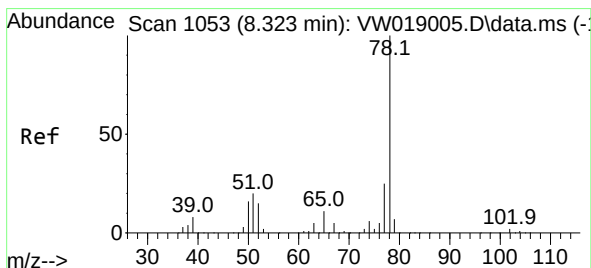
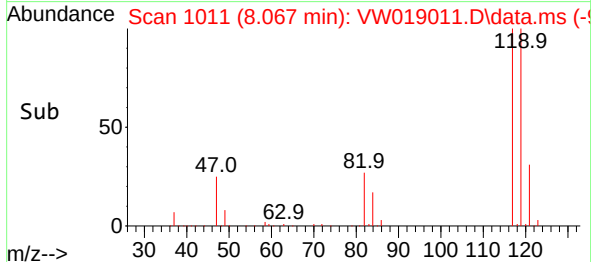
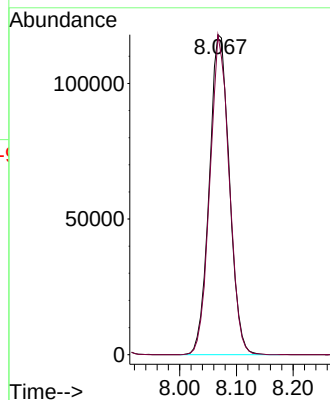
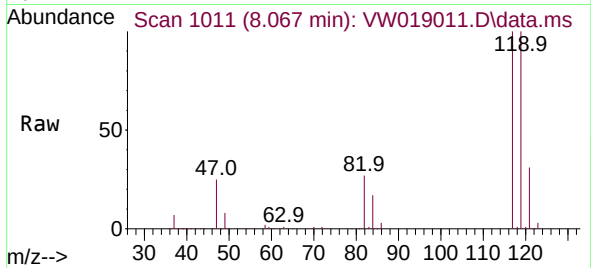




#31
Carbon tetrachloride
Concen: 26.09 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

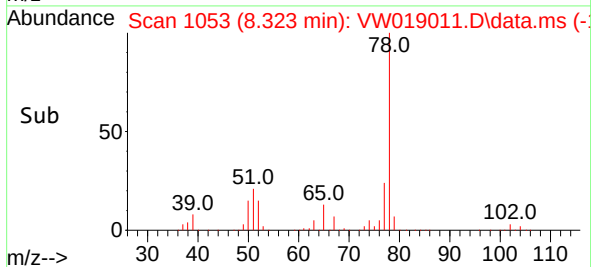
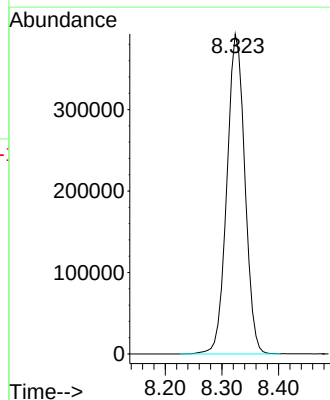
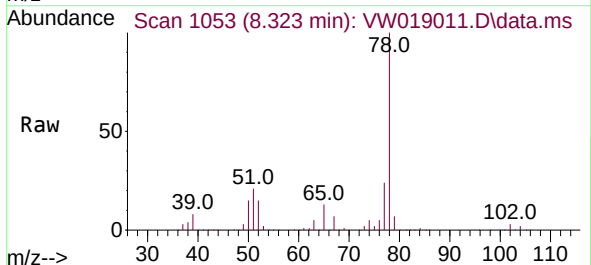
Instrument :
MSVOA_W
ClientSampled :

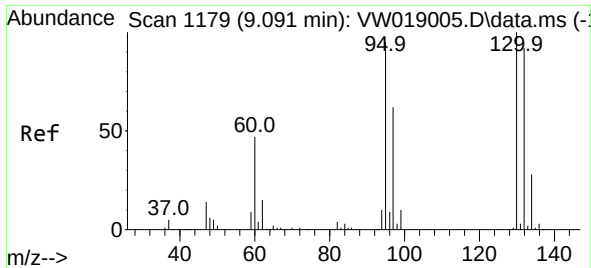
Tgt Ion:117 Resp: 290749
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7



#33
Benzene
Concen: 25.16 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 78 Resp: 864877

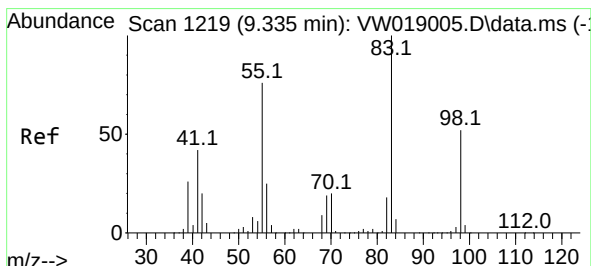
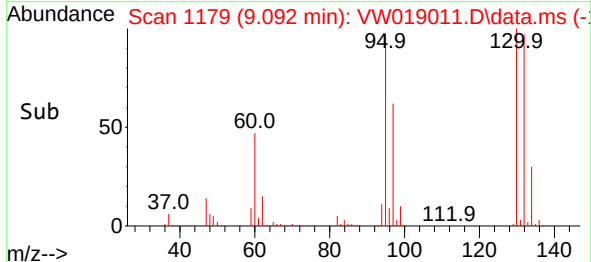
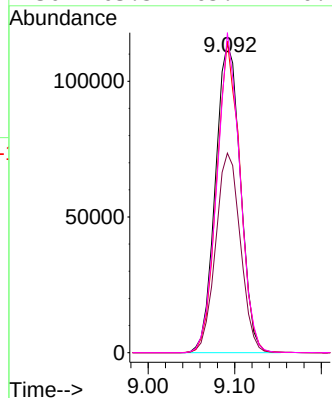
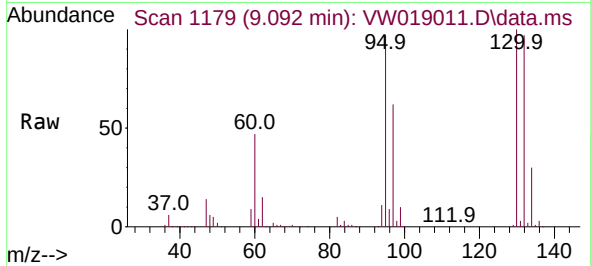




#34
Trichloroethene
Concen: 25.01 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

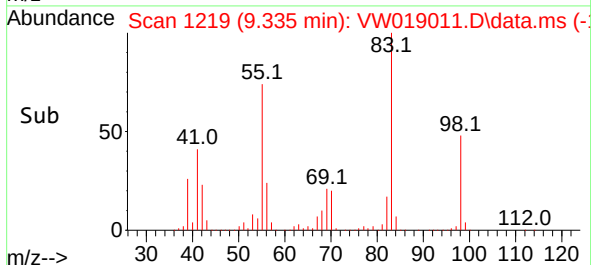
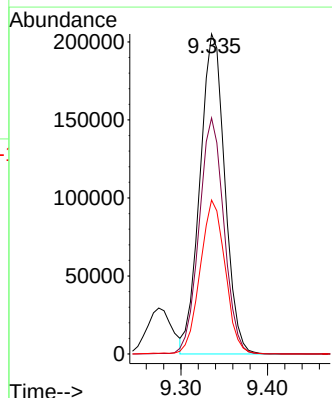
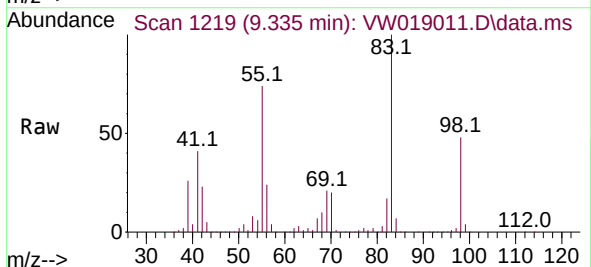
Instrument :
MSVOA_W
ClientSampled :

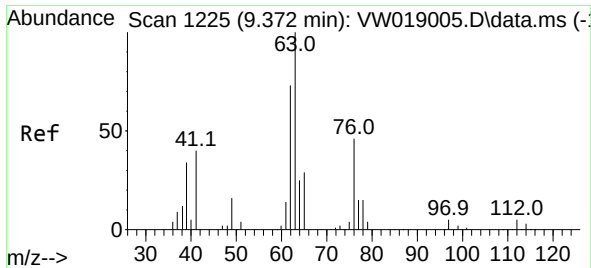
Tgt Ion: 95 Resp: 228107
Ion Ratio Lower Upper
95 100
97 64.5 47.3 87.8
132 100.8 71.0 131.8
130 103.5 65.1 120.9



#35
Methylcyclohexane
Concen: 25.76 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 83 Resp: 408345
Ion Ratio Lower Upper
83 100
55 73.6 58.9 88.3
98 48.4 40.1 60.1

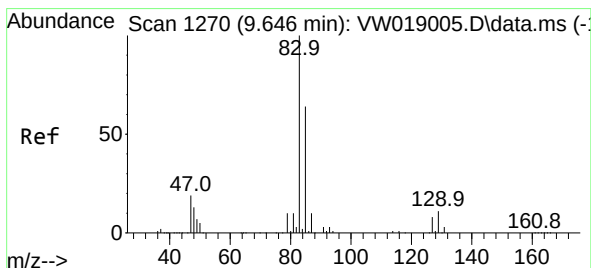
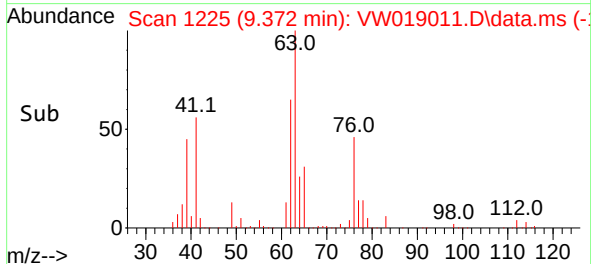
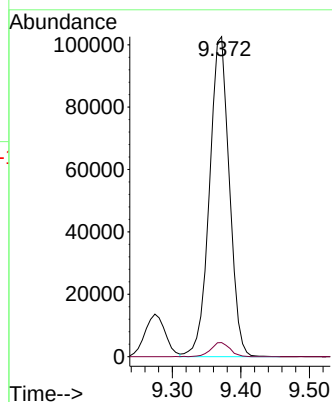
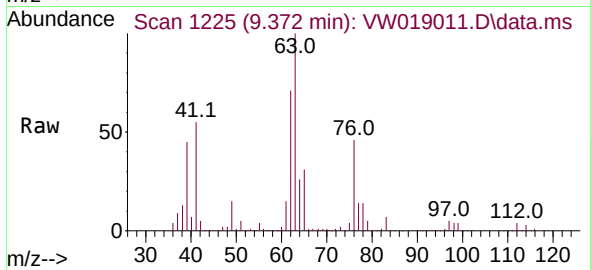




#37
1,2-Dichloropropane
Concen: 24.90 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

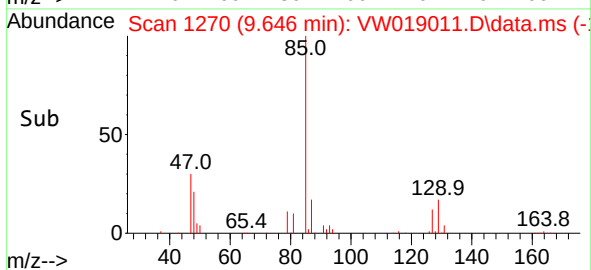
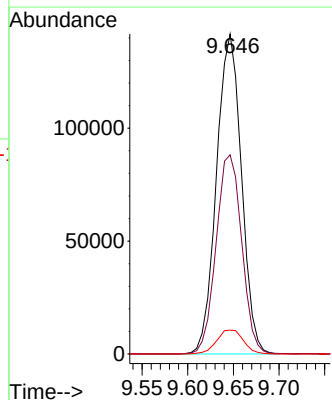
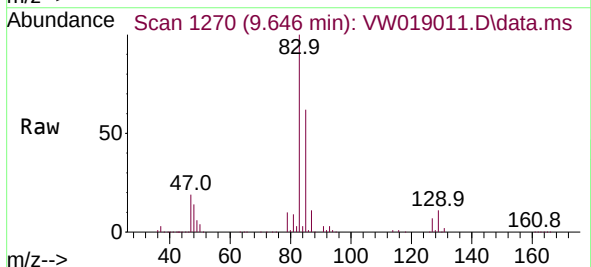
Instrument :
MSVOA_W
ClientSampled :

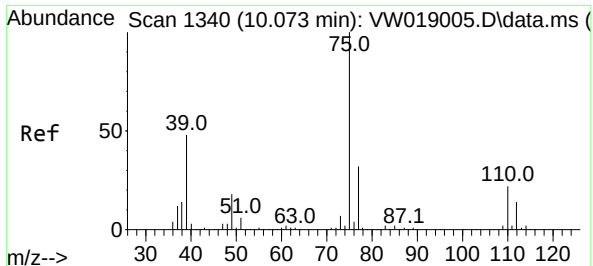
Tgt Ion: 63 Resp: 206179
Ion Ratio Lower Upper
63 100
112 4.3 3.9 5.9



#38
Bromodichloromethane
Concen: 24.97 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 83 Resp: 269340
Ion Ratio Lower Upper
83 100
85 62.3 42.3 78.5
127 7.5 6.6 9.8

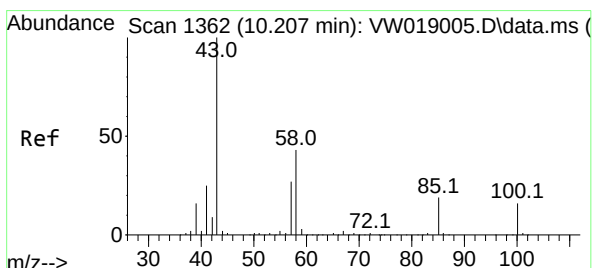
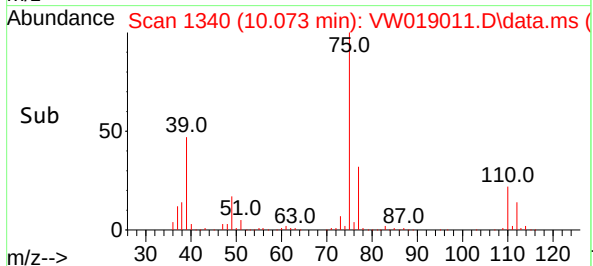
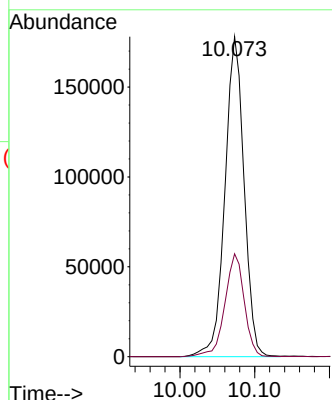
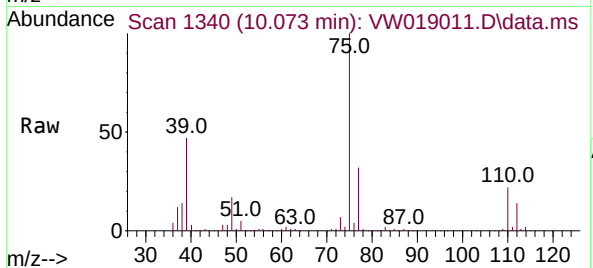




#39
cis-1,3-Dichloropropene
Concen: 25.51 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

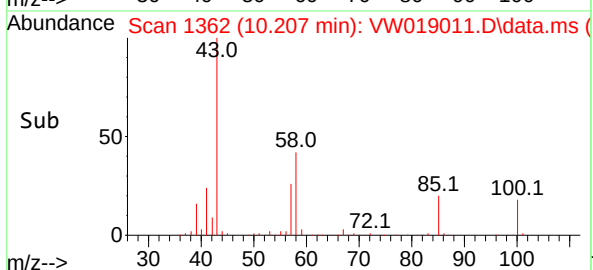
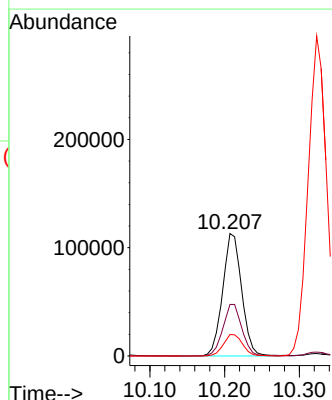
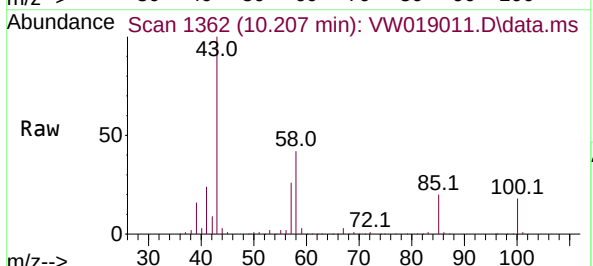
Instrument :
MSVOA_W
ClientSampled :

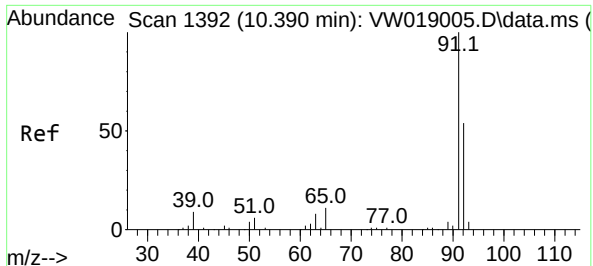
Tgt Ion: 75 Resp: 316992
Ion Ratio Lower Upper
75 100
77 32.2 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 46.55 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 43 Resp: 199842
Ion Ratio Lower Upper
43 100
58 42.2 31.0 46.4
100 17.7 13.0 19.6





#42

Toluene

Concen: 24.84 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019011.D

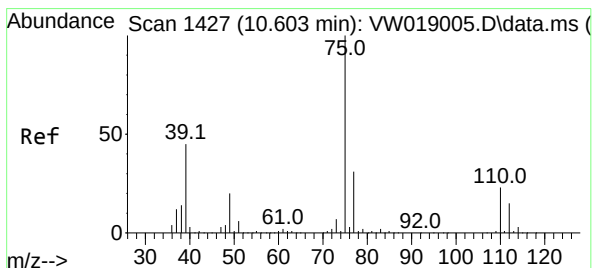
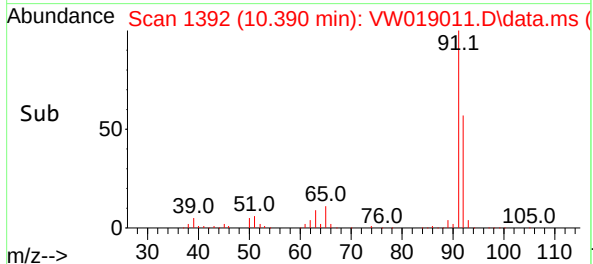
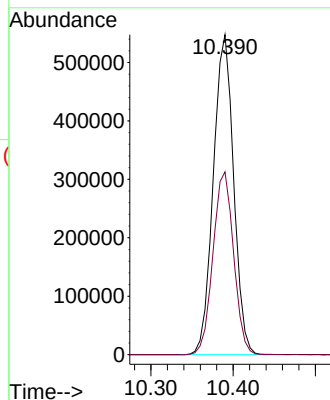
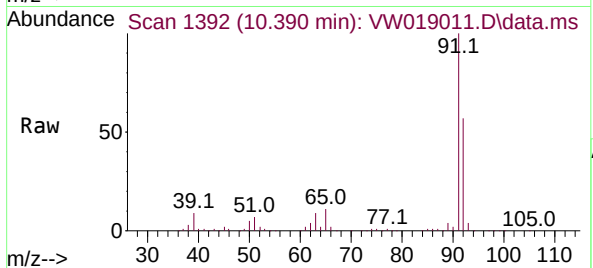
Acq: 18 May 2021 10:09

Tgt Ion: 91 Resp: 939434

Ion Ratio Lower Upper

91 100

92 57.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 25.26 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW019011.D

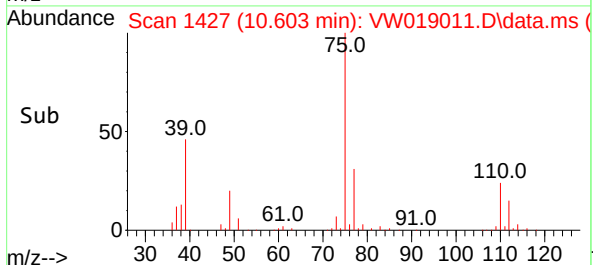
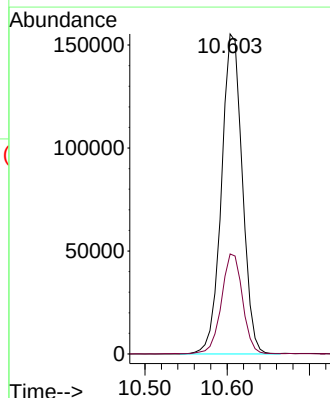
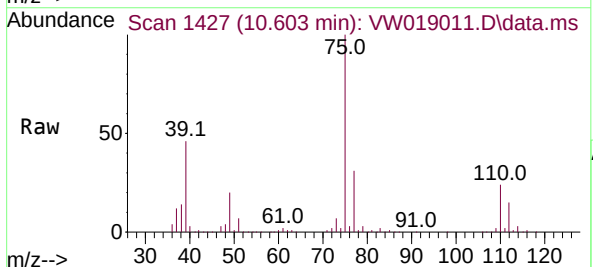
Acq: 18 May 2021 10:09

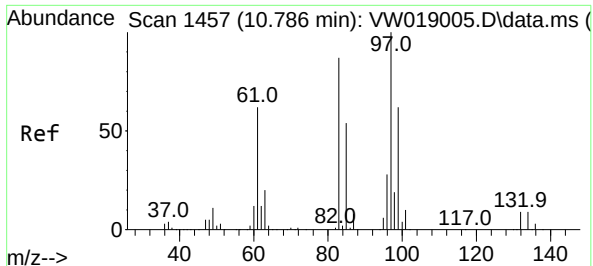
Tgt Ion: 75 Resp: 273354

Ion Ratio Lower Upper

75 100

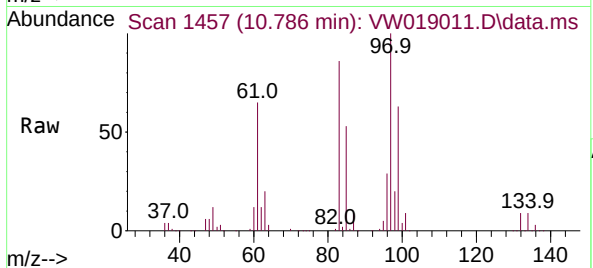
77 31.3 21.1 39.1



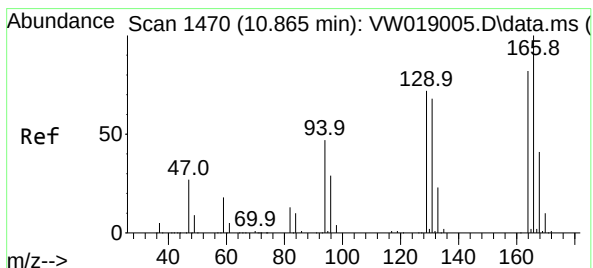
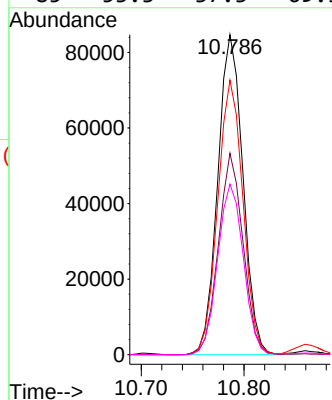
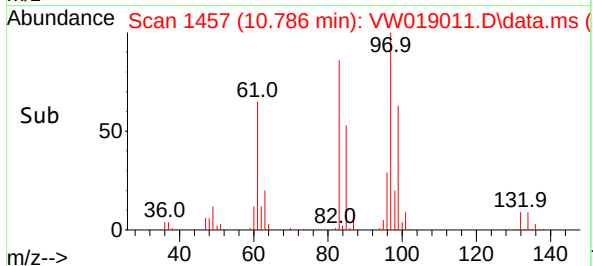


#45
1,1,2-Trichloroethane
Concen: 23.74 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

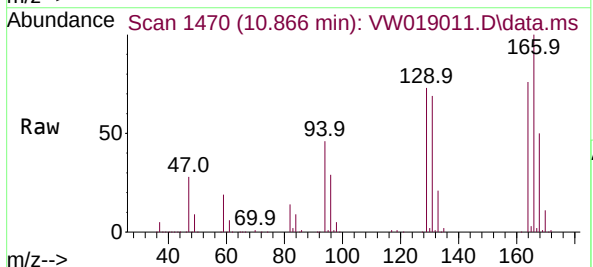
Instrument :
MSVOA_W
ClientSampleId :



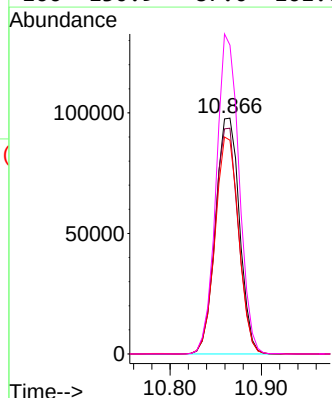
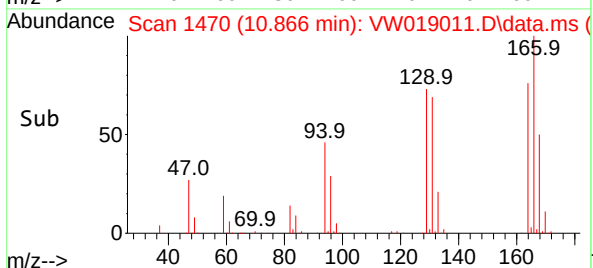
Tgt Ion: 97	Resp: 143855
Ion Ratio	Lower Upper
97 100	
99 63.0	45.1 83.7
83 85.8	58.1 107.9
85 53.3	37.3 69.3

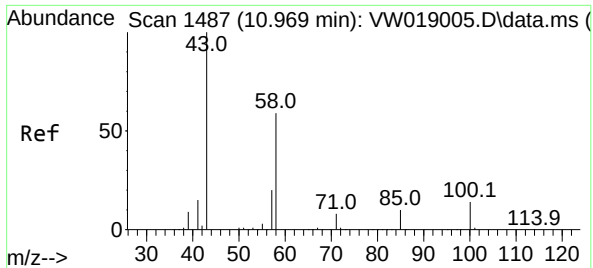


#46
Tetrachloroethene
Concen: 24.58 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09



Tgt	Ion:164	Resp:	178254
Ion	Ratio	Lower	Upper
164	100		
129	95.8	66.7	123.9
131	90.6	61.1	113.5
166	130.9	87.0	161.6



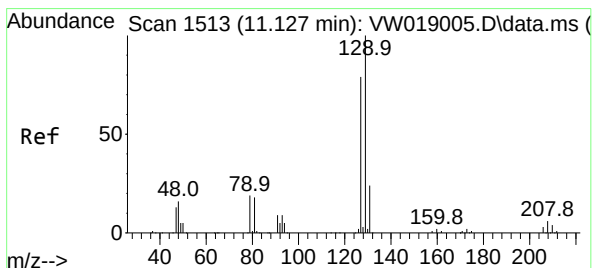
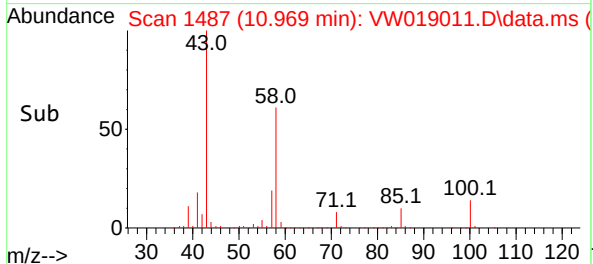
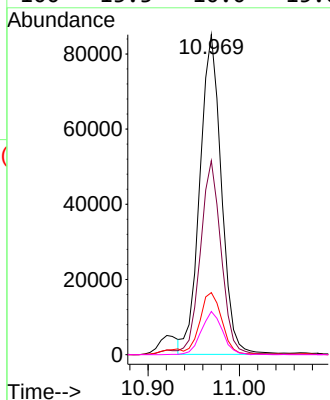
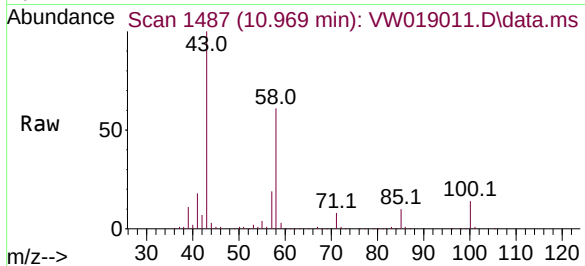


#48
2-Hexanone
Concen: 49.84 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 139189

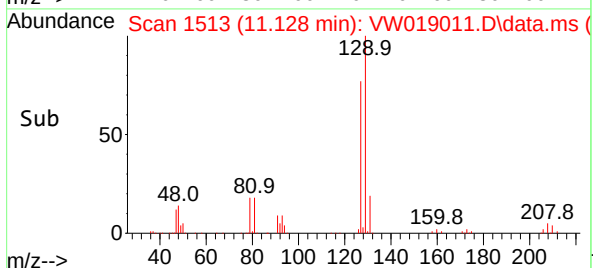
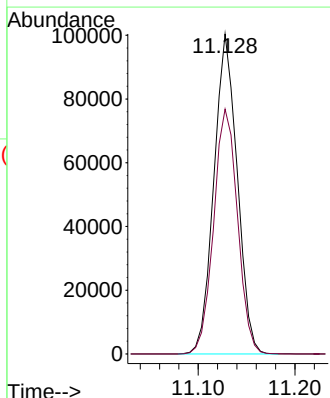
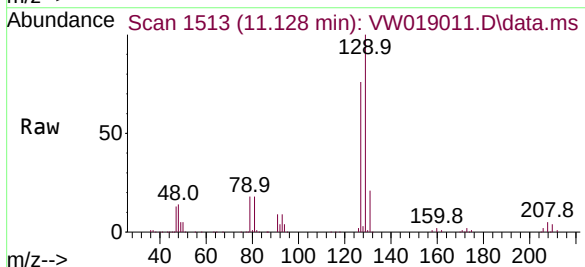
Ion	Ratio	Lower	Upper
43	100		
58	58.5	42.7	64.1
57	20.0	15.8	23.8
100	13.3	10.0	15.0

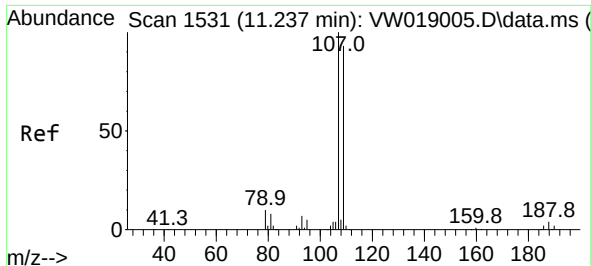


#49
Dibromochloromethane
Concen: 24.64 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 129 Resp: 168026

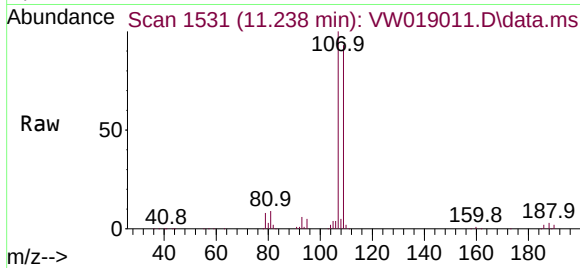
Ion	Ratio	Lower	Upper
129	100		
127	76.5	51.7	95.9



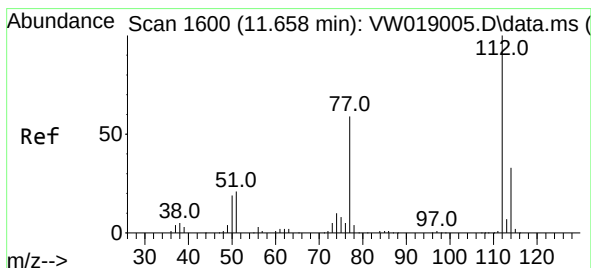
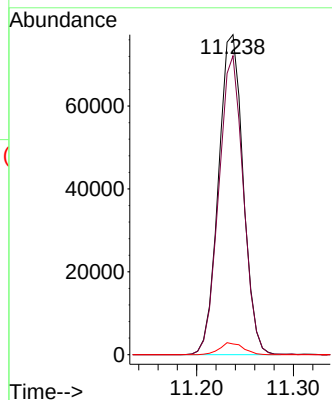
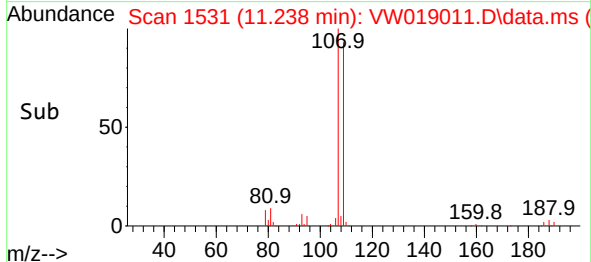


#50
1,2-Dibromoethane
Concen: 24.12 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

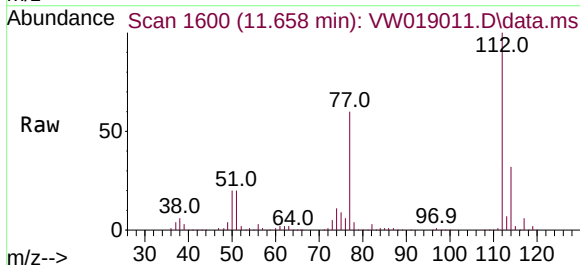
Instrument :
MSVOA_W
ClientSampleId :



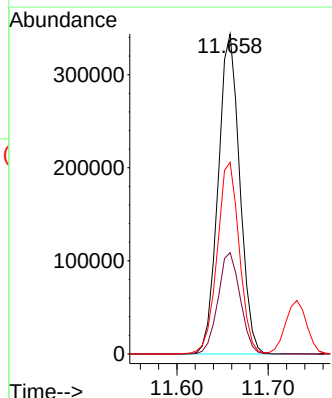
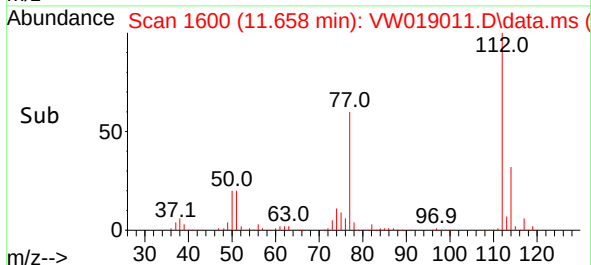
Tgt Ion:107 Resp: 136457
Ion Ratio Lower Upper
107 100
109 93.4 65.4 121.4
188 3.4 2.6 4.0

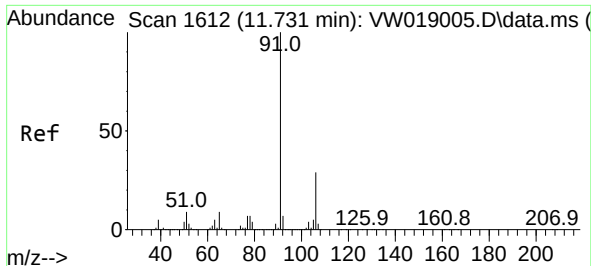


#51
Chlorobenzene
Concen: 24.10 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09



Tgt Ion:112 Resp: 563573
Ion Ratio Lower Upper
112 100
114 31.6 23.4 43.6
77 59.9 47.6 71.4

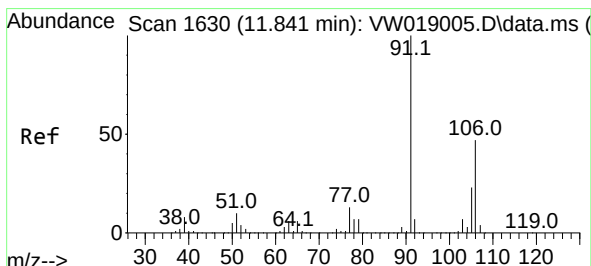
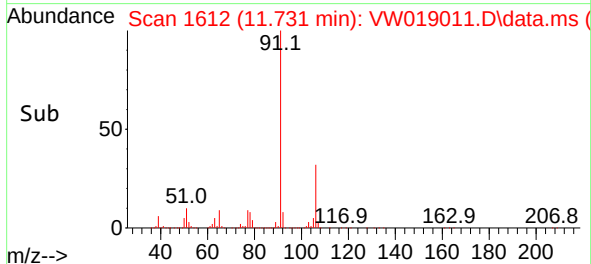
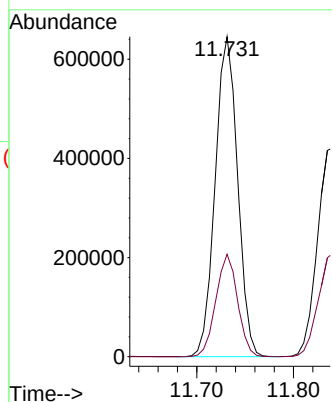
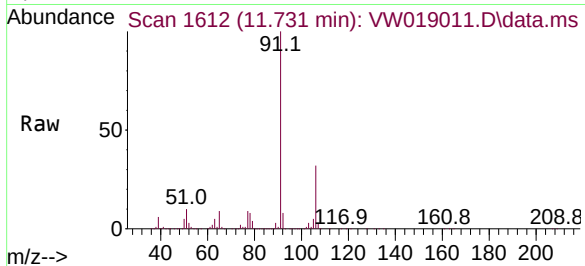




#52
Ethylbenzene
Concen: 24.73 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

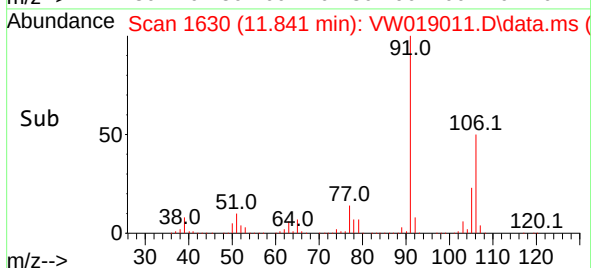
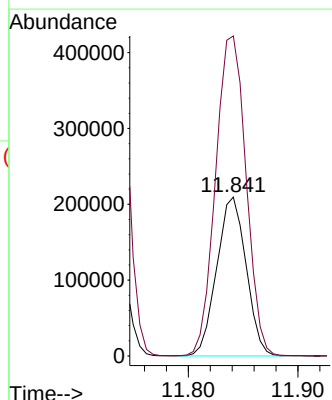
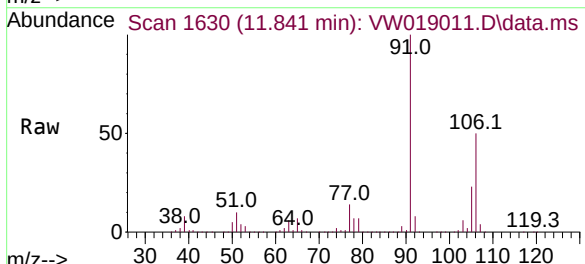
Instrument :
MSVOA_W
ClientSampled :

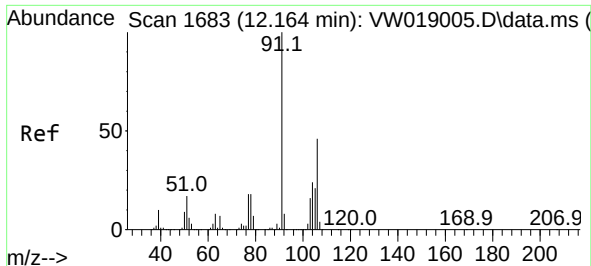
Tgt Ion: 91 Resp: 1038623
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.7



#53
m,p-Xylene
Concen: 24.75 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion:106 Resp: 390115
Ion Ratio Lower Upper
106 100
91 201.5 141.3 262.3

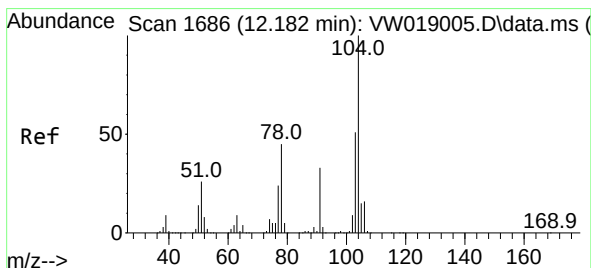
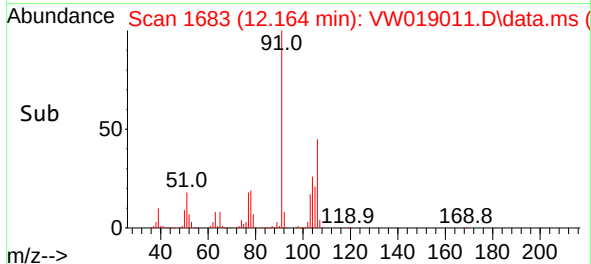
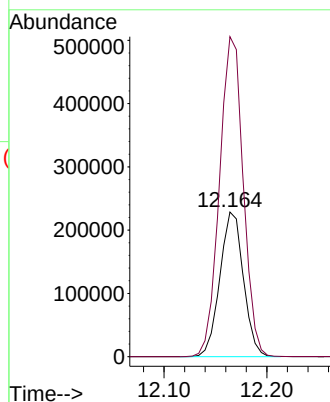
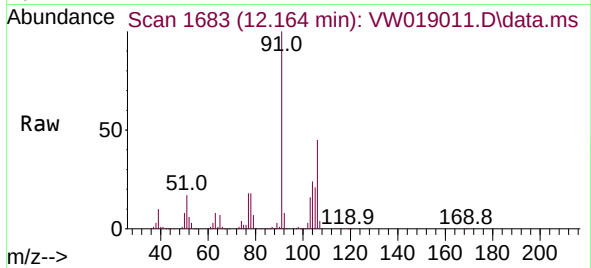




#54
o-Xylene
Concen: 24.51 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

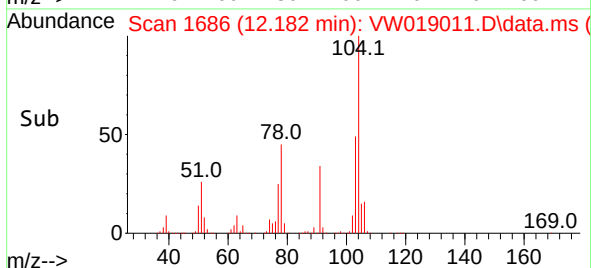
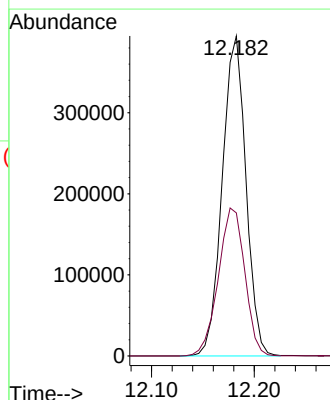
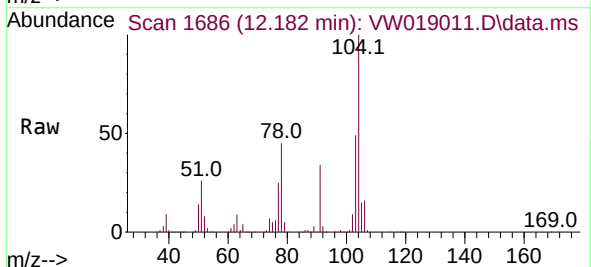
Instrument :
MSVOA_W
ClientSampled :

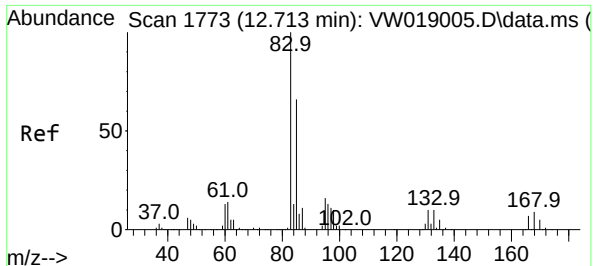
Tgt Ion:106 Resp: 363154
Ion Ratio Lower Upper
106 100
91 221.3 150.0 278.6



#55
Styrene
Concen: 25.06 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion:104 Resp: 631372
Ion Ratio Lower Upper
104 100
78 44.7 32.5 60.3

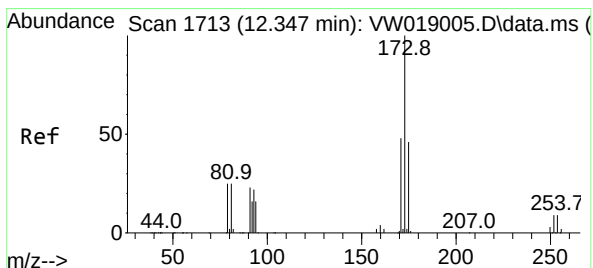
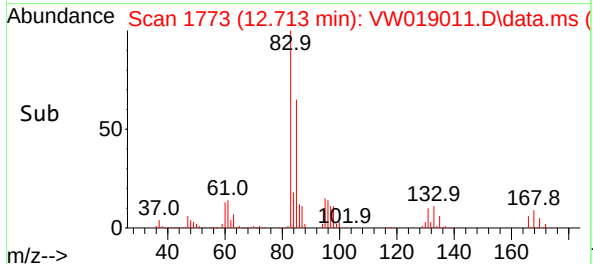
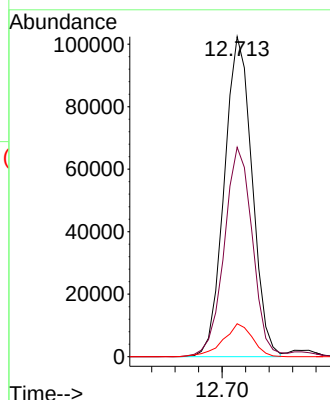
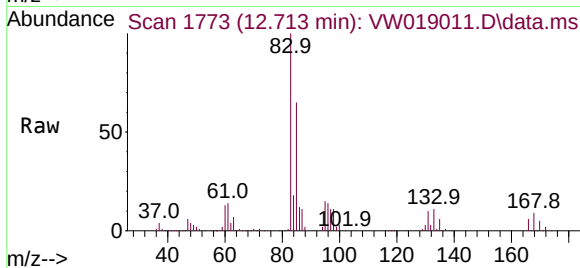




#57
1,1,2,2-Tetrachloroethane
Concen: 24.11 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

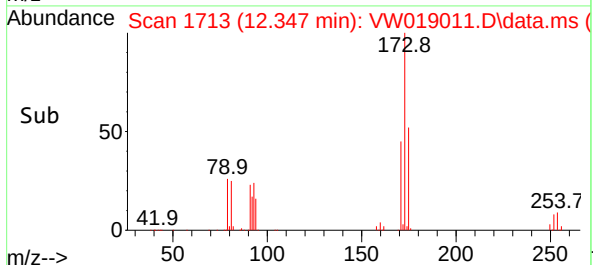
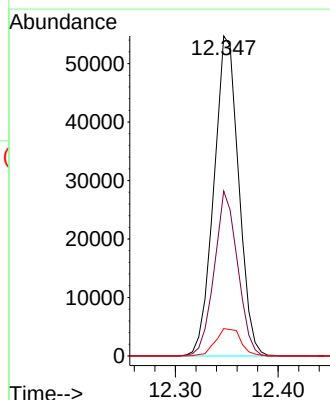
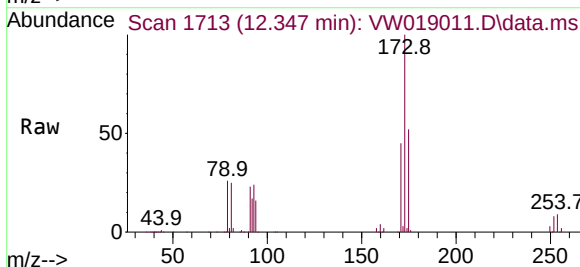
Instrument :
MSVOA_W
ClientSampleId :

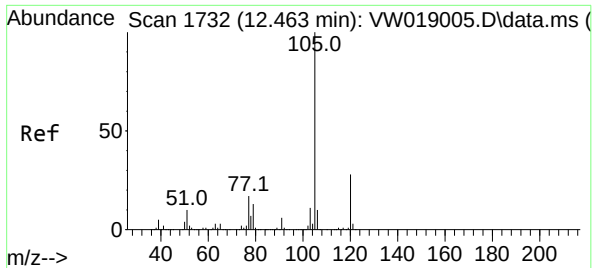
Tgt Ion:	83	Resp:	168125
Ion	Ratio	Lower	Upper
83	100		
85	65.4	44.4	82.4
131	10.3	8.2	12.4



#59
Bromoform
Concen: 24.87 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion:	173	Resp:	91536
Ion	Ratio	Lower	Upper
173	100		
175	48.6	37.5	56.3
254	8.8	7.0	10.4



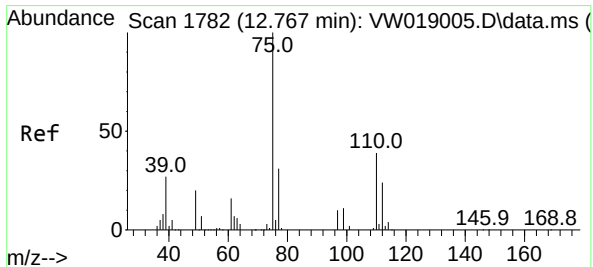
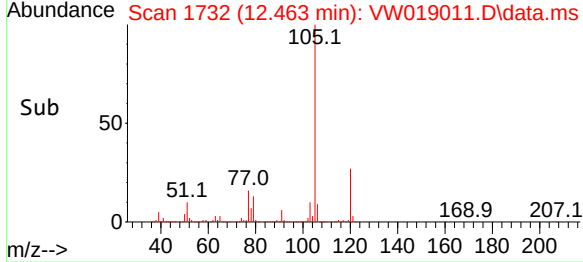
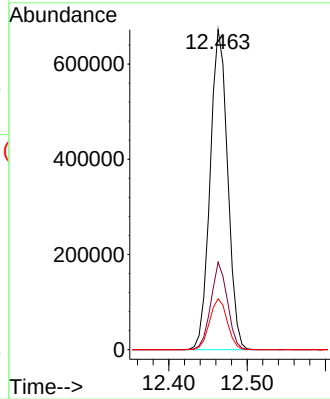
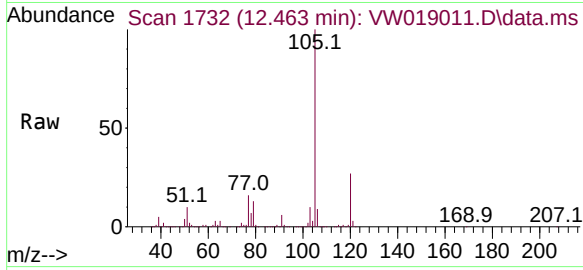


#60
Isopropylbenzene
Concen: 25.19 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 1042958

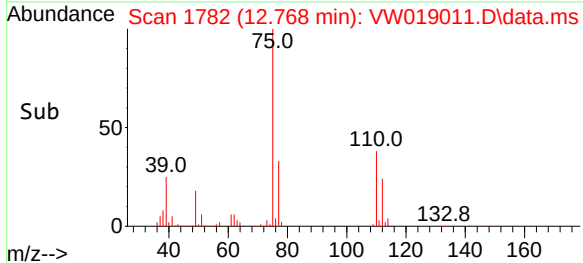
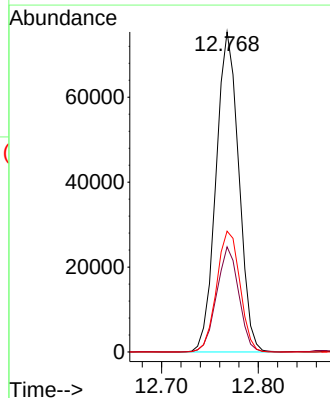
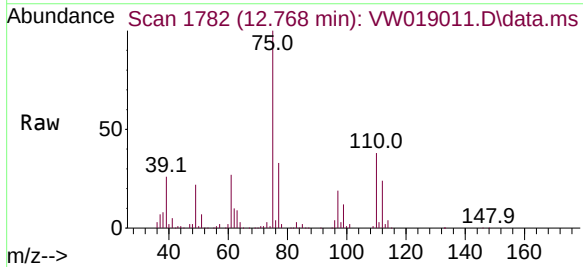
Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.1	31.7
77	16.0	13.2	19.8

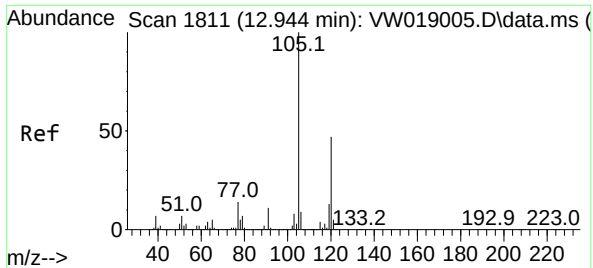


#61
1,2,3-Trichloropropane
Concen: 24.00 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion: 75 Resp: 123256

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
110	38.6	32.6	48.8

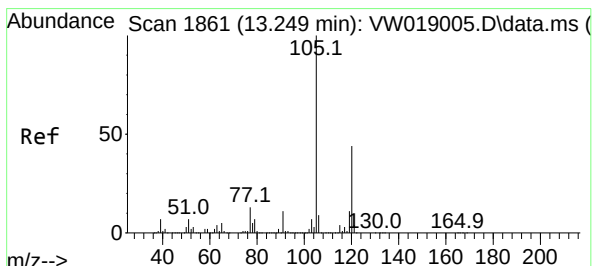
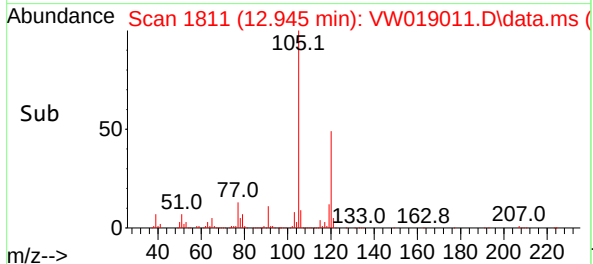
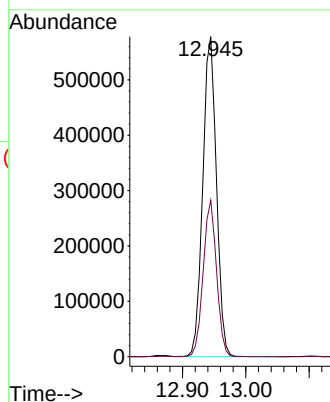
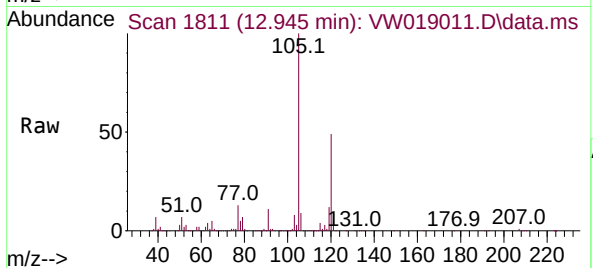




#62
1,3,5-Trimethylbenzene
Concen: 25.95 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

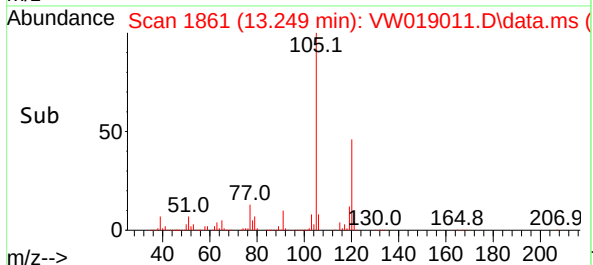
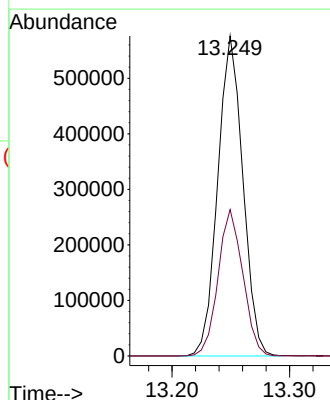
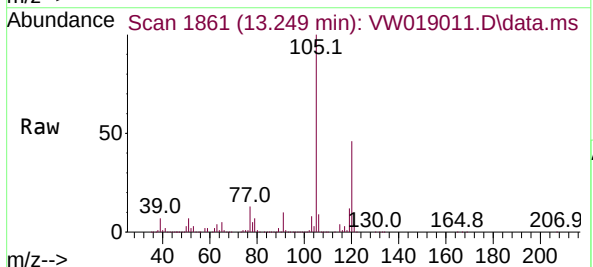
Instrument :
MSVOA_W
ClientSampled :

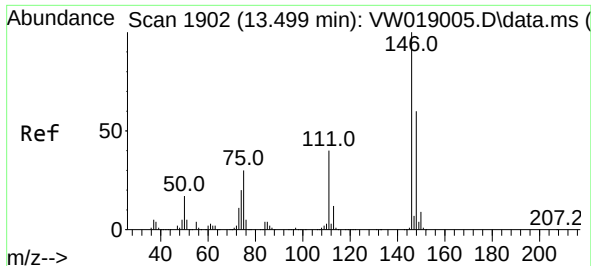
Tgt Ion:105 Resp: 869304
Ion Ratio Lower Upper
105 100
120 47.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 25.30 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion:105 Resp: 855569
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 24.64 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW019011.D

Acq: 18 May 2021 10:09

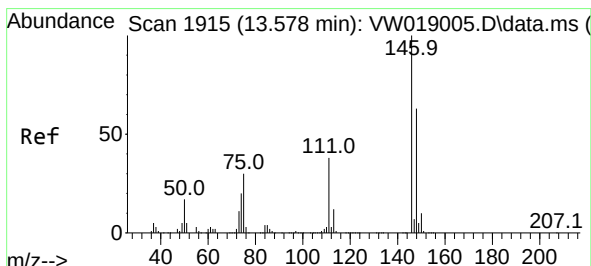
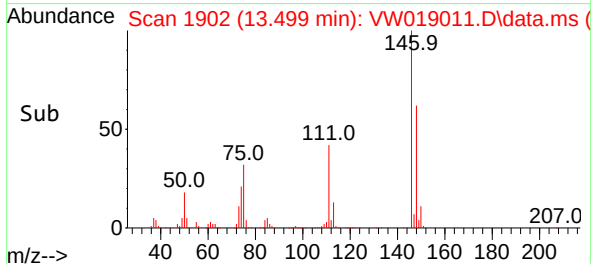
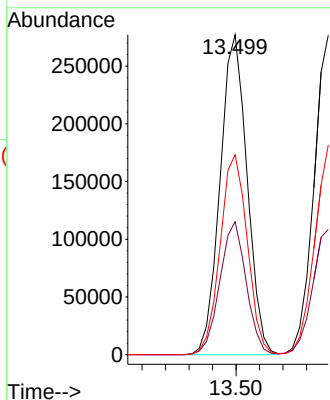
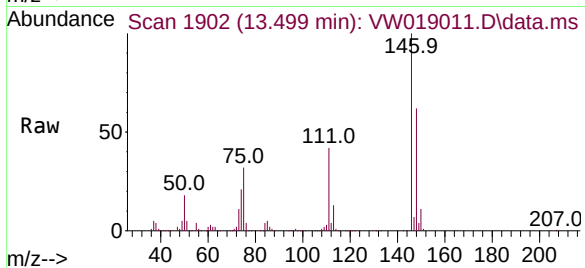
Tgt Ion:146 Resp: 442585

Ion Ratio Lower Upper

146 100

111 41.5 26.7 49.7

148 62.4 41.1 76.3



#65

1,4-Dichlorobenzene

Concen: 24.04 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW019011.D

Acq: 18 May 2021 10:09

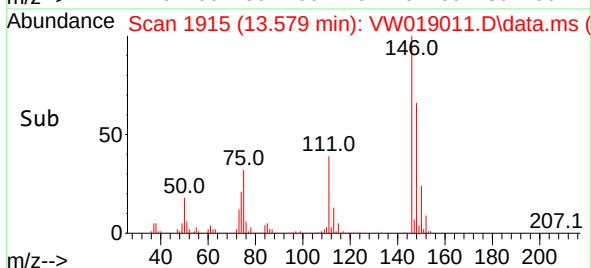
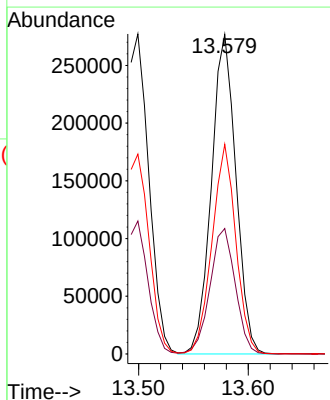
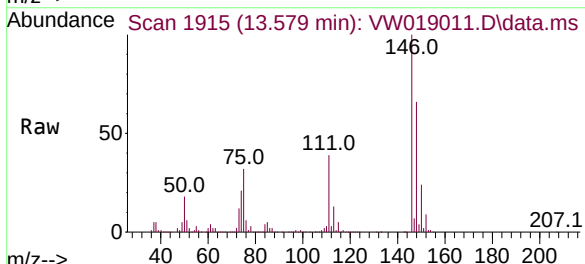
Tgt Ion:146 Resp: 430999

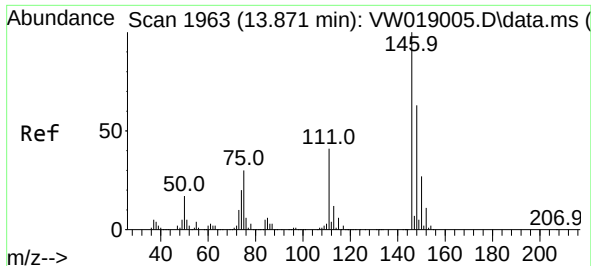
Ion Ratio Lower Upper

146 100

111 39.3 28.8 53.4

148 65.6 46.8 87.0

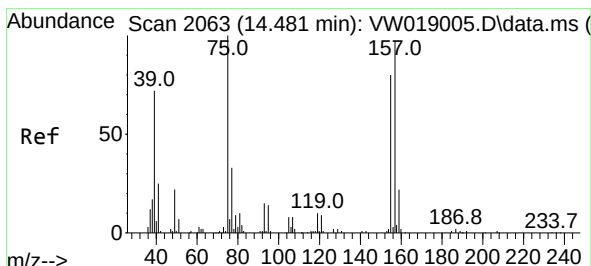
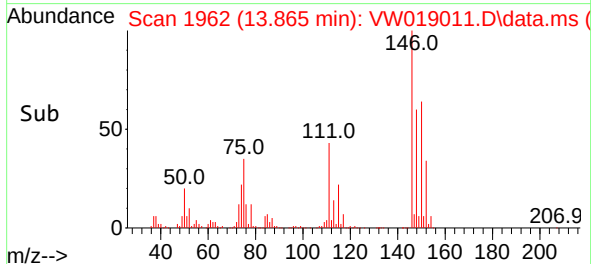
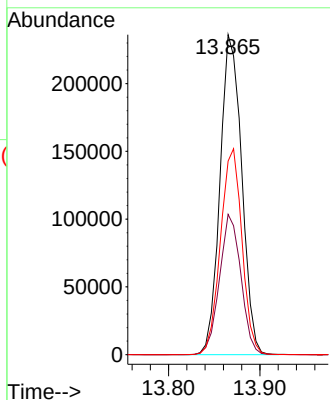
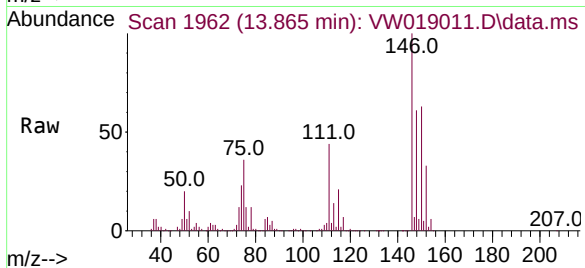




#67
1,2-Dichlorobenzene
Concen: 24.61 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

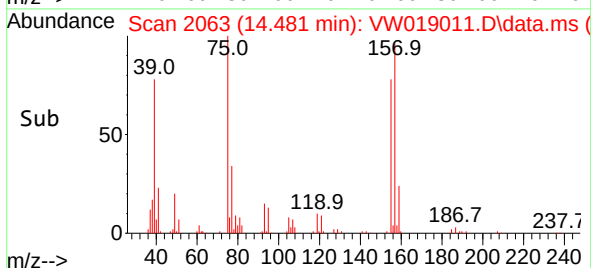
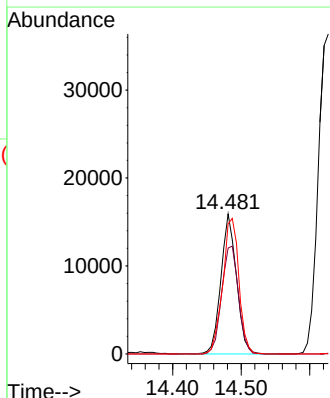
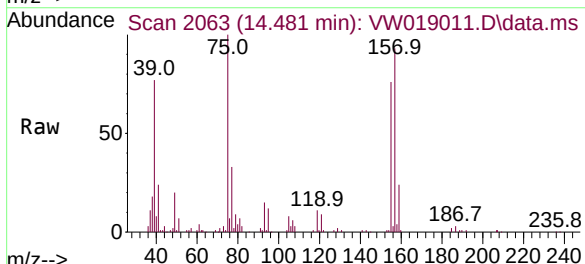
Instrument :
MSVOA_W
ClientSampled :

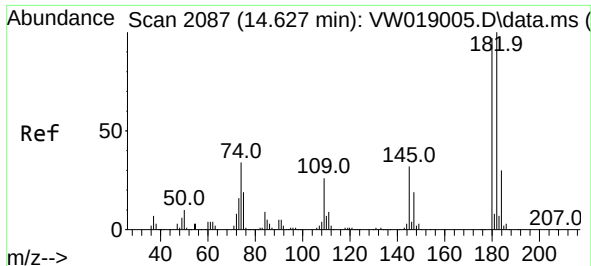
Tgt Ion:146 Resp: 389409
Ion Ratio Lower Upper
146 100
111 43.8 33.2 49.8
148 60.5 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 22.76 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

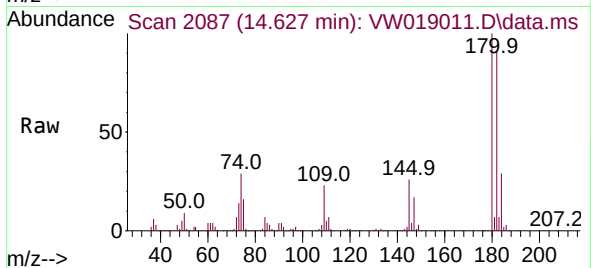
Tgt Ion: 75 Resp: 24993
Ion Ratio Lower Upper
75 100
155 75.6 59.4 89.0
157 93.0 72.2 108.2



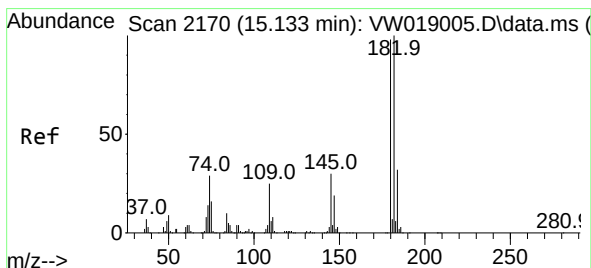
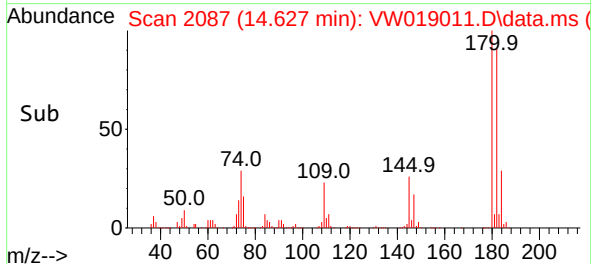
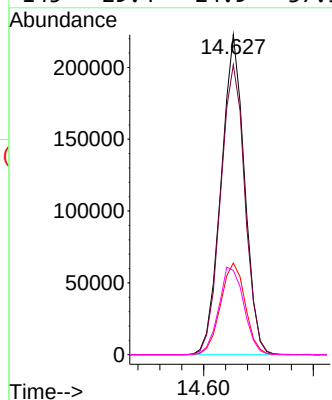


#69
1,3,5-Trichlorobenzene
Concen: 25.15 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

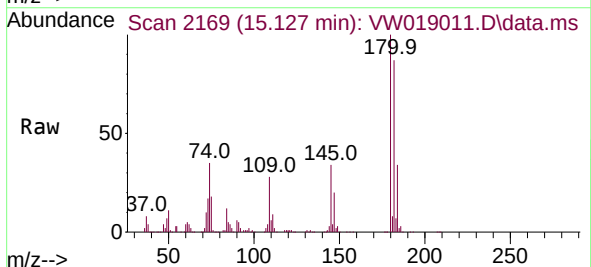
Instrument :
MSVOA_W
ClientSampleId :



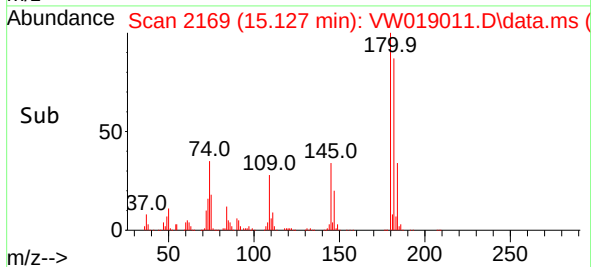
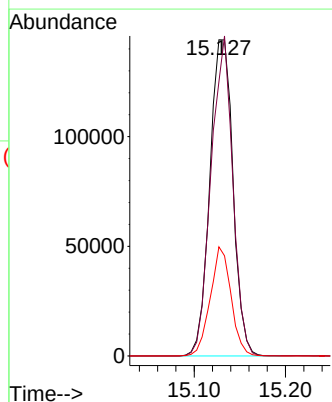
Tgt Ion:	180	Resp:	330121
Ion Ratio	Lower	Upper	
180	100		
182	94.3	73.4	110.2
184	30.2	23.6	35.4
145	29.4	24.9	37.3

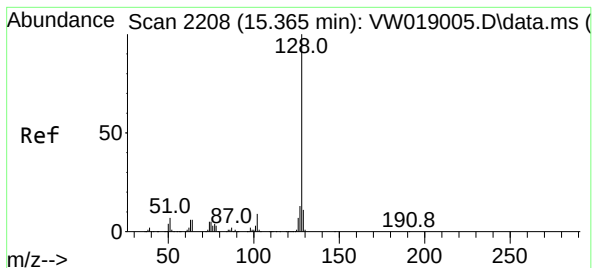


#70
1,2,4-trichlorobenzene
Concen: 24.25 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09



Tgt Ion:	180	Resp:	253643
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.7	112.1
145	31.0	25.0	37.4

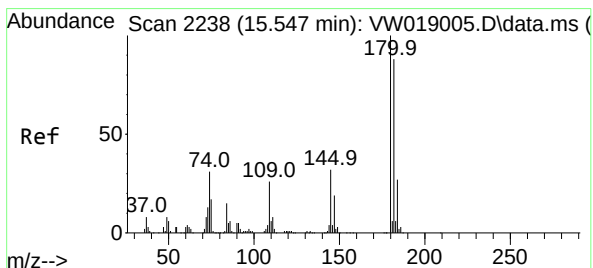
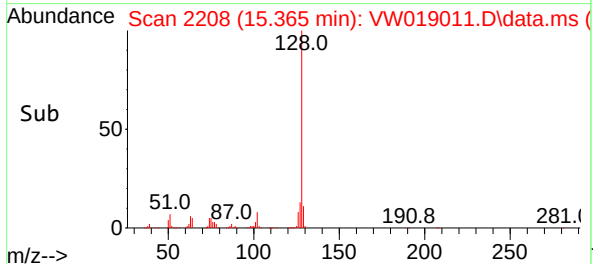
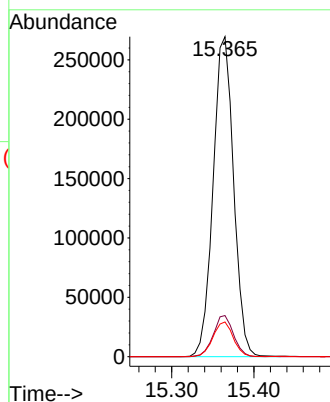
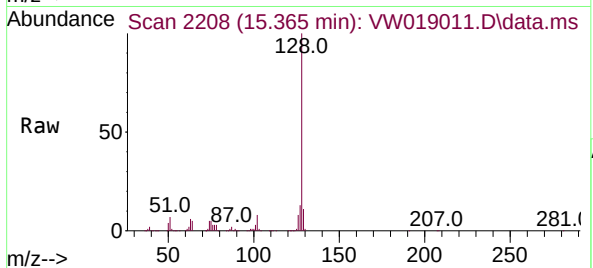




#71
Naphthalene
Concen: 24.68 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 467324
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 23.81 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW019011.D
Acq: 18 May 2021 10:09

Tgt Ion:180 Resp: 219135
Ion Ratio Lower Upper
180 100
182 94.6 76.7 115.1
145 32.4 28.9 43.3

