

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082321\
 Data File : VW019843.D
 Acq On : 23 Aug 2021 09:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Aug 24 00:50:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	353230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	338127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169499	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	155188	28.356	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 113.440%		
7) Chloroethane-d5	2.898	69	130974	27.265	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 109.040%		
11) 1,1-Dichloroethene-d2	4.031	63	247357	26.046	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 104.200%		
21) 2-Butanone-d5	7.074	46	64711	58.211	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	= 116.420%		
24) Chloroform-d	7.653	84	257635	26.521	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 106.080%		
26) 1,2-Dichloroethane-d4	8.311	65	141871	27.100	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 108.400%		
32) Benzene-d6	8.281	84	498847	25.875	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 103.480%		
36) 1,2-Dichloropropane-d6	9.274	67	149436	25.596	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 102.400%		
41) Toluene-d8	10.323	98	458819	25.970	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 103.880%		
43) trans-1,3-Dichloroprop...	10.579	79	66332	27.502	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 110.000%		
47) 2-Hexanone-d5	10.927	63	45568	56.027	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 112.060%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	131158	27.602	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 110.400%		
66) 1,2-Dichlorobenzene-d4	13.853	152	148687	25.573	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 102.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	100657	29.078	ug/L	98
3) Chloromethane	2.221	50	113906	26.441	ug/L	98
5) Vinyl chloride	2.373	62	179807	28.144	ug/L	97
6) Bromomethane	2.794	94	120438	25.404	ug/L	96
8) Chloroethane	2.940	64	112201	26.790	ug/L	94
9) Trichlorofluoromethane	3.269	101	118593	28.860	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	132643	27.194	ug/L	98
12) 1,1-Dichloroethene	4.050	96	122352	25.579	ug/L	97
13) Acetone	4.117	43	55567	58.553	ug/L	92
14) Carbon disulfide	4.391	76	403581	26.380	ug/L	99
15) Methyl Acetate	4.672	43	53472	27.069	ug/L	99
16) Methylene chloride	4.915	84	134417	22.172	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	129884	25.849	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	153474	26.534	ug/L	97
19) 1,1-Dichloroethane	6.220	63	232876	26.146	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	134005	26.348	ug/L	100
22) 2-Butanone	7.171	43	73033	59.388	ug/L	99
23) Bromochloromethane	7.519	128	61809	27.155	ug/L	95
25) Chloroform	7.677	83	240510	26.101	ug/L	97

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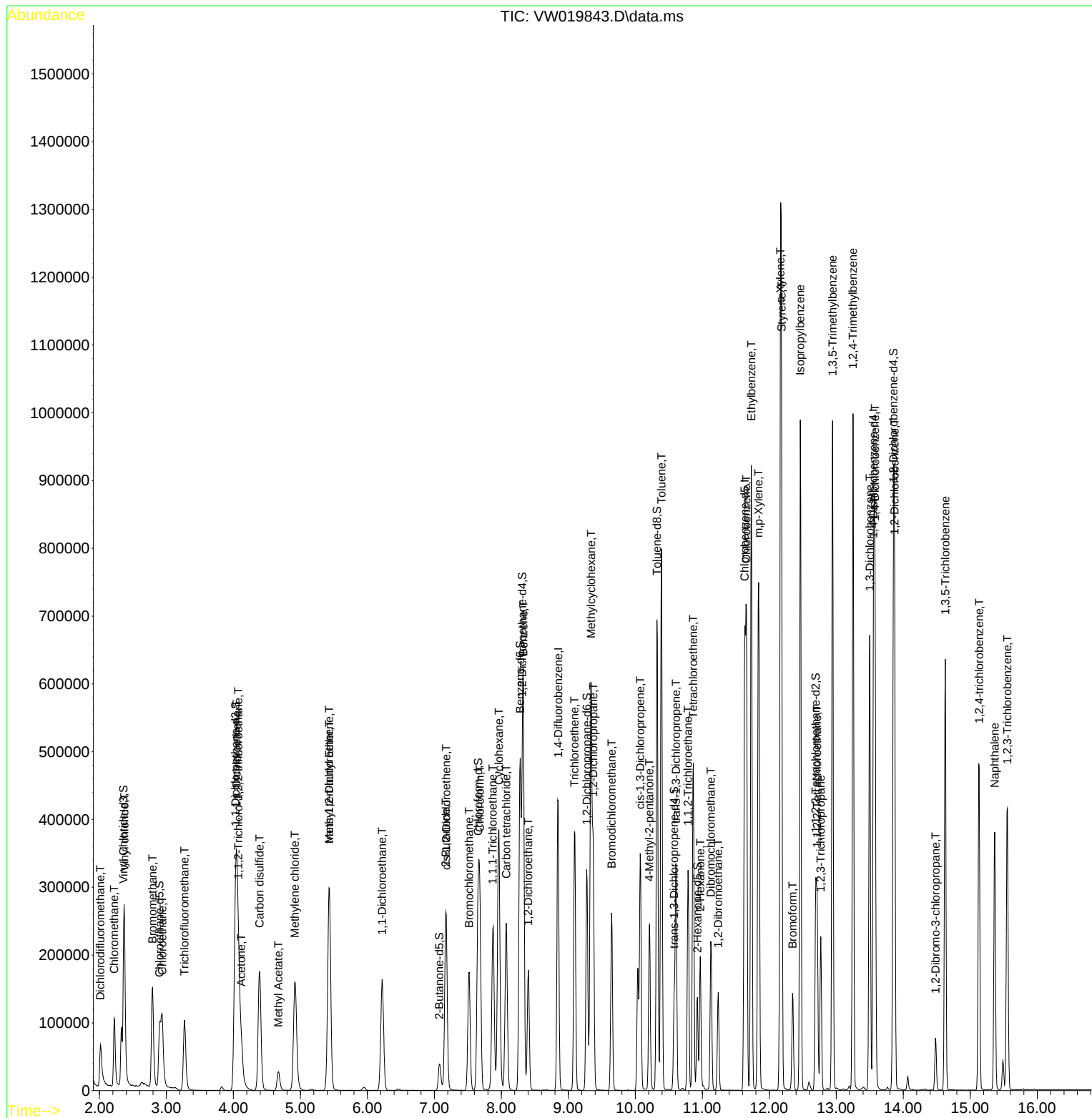
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	160039	26.623	ug/L	98
29) Cyclohexane	7.964	56	208736	26.288	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	198823	26.310	ug/L	98
31) Carbon tetrachloride	8.073	117	183487	26.047	ug/L	99
33) Benzene	8.329	78	534755	25.768	ug/L	100
34) Trichloroethene	9.092	95	135687	25.151	ug/L	96
35) Methylcyclohexane	9.342	83	243938	26.362	ug/L	99
37) 1,2-Dichloropropane	9.372	63	133597	25.993	ug/L	99
38) Bromodichloromethane	9.646	83	171002	25.683	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	199798	26.398	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	155926	57.054	ug/L	98
42) Toluene	10.390	91	577432	26.267	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	178882	26.851	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	100934	27.126	ug/L	97
46) Tetrachloroethene	10.866	164	103944	25.435	ug/L	92
48) 2-Hexanone	10.969	43	116490	61.231	ug/L	97
49) Dibromochloromethane	11.128	129	112751	26.490	ug/L	96
50) 1,2-Dibromoethane	11.238	107	92452	26.454	ug/L	97
51) Chlorobenzene	11.658	112	348127	24.934	ug/L	98
52) Ethylbenzene	11.731	91	618961	26.153	ug/L	95
53) m,p-Xylene	11.841	106	236321	26.002	ug/L	97
54) o-Xylene	12.164	106	226486	26.344	ug/L	100
55) Styrene	12.182	104	392930	26.748	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	122466	26.839	ug/L	97
59) Bromoform	12.347	173	61742	27.435	ug/L	99
60) Isopropylbenzene	12.463	105	600891	26.164	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	90169	27.133	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	495880	27.052	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	499502	26.883	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	257311	25.129	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	263280	25.015	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	240530	25.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19211	26.518	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	178962	25.366	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	148470	27.386	ug/L	99
71) Naphthalene	15.365	128	302952	28.019	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	136035	27.098	ug/L	98

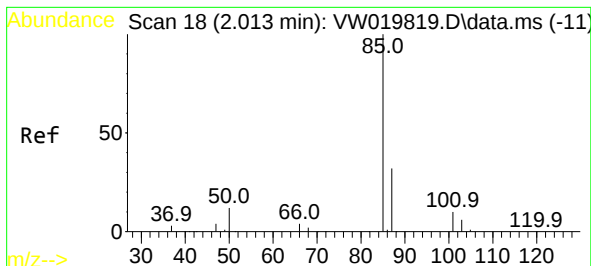
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 29.078 ug/L

RT: 2.014 min Scan# 18

Delta R.T. 0.000 min

Lab File: VW019843.D

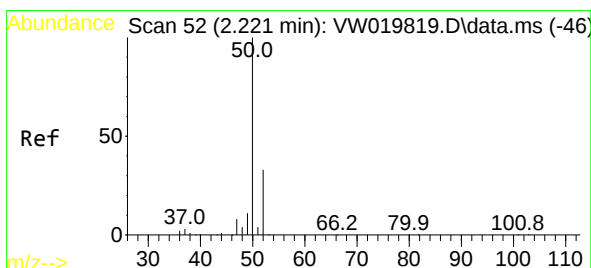
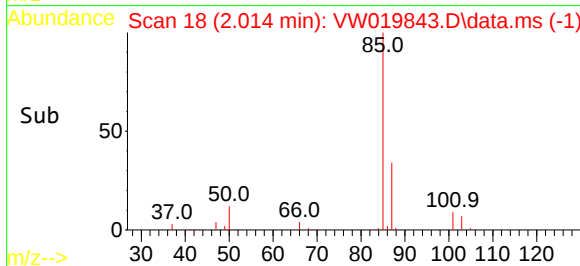
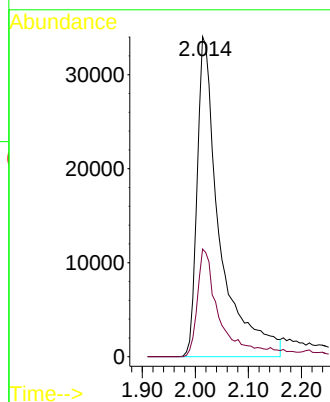
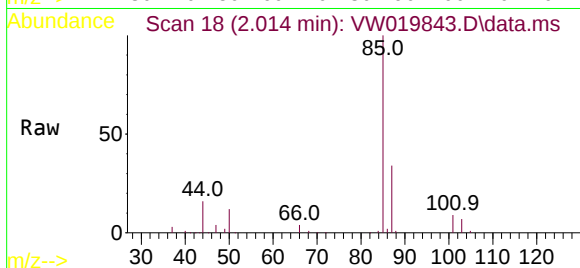
Acq: 23 Aug 2021 09:02

Tgt Ion: 85 Resp: 100657

Ion Ratio Lower Upper

85 100

87 28.0 23.3 34.9



#3

Chloromethane

Concen: 26.441 ug/L

RT: 2.221 min Scan# 52

Delta R.T. 0.000 min

Lab File: VW019843.D

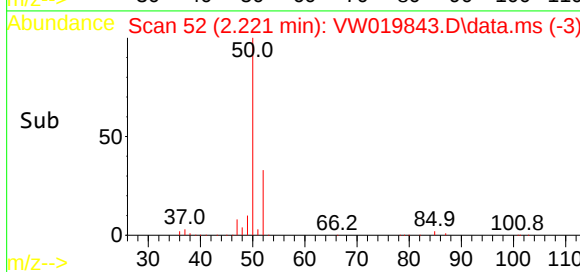
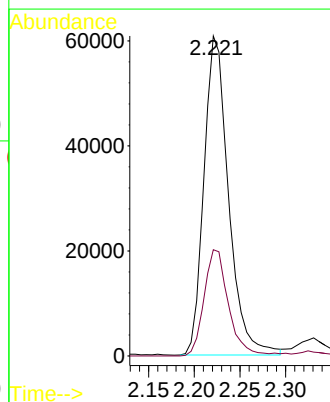
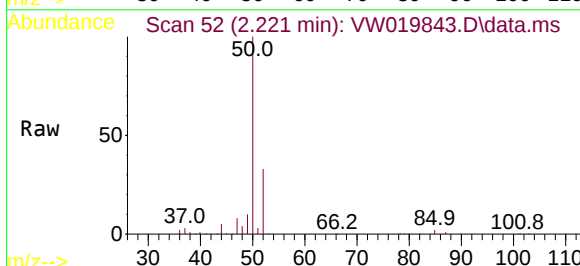
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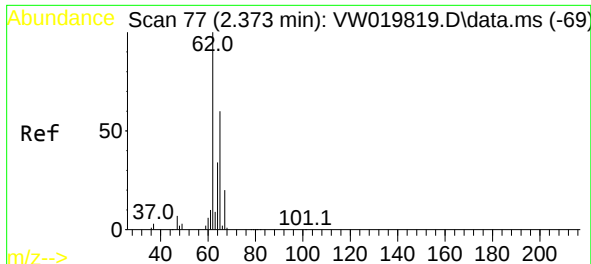
Tgt Ion: 50 Resp: 113906

Ion Ratio Lower Upper

50 100

52 33.2 22.5 41.9

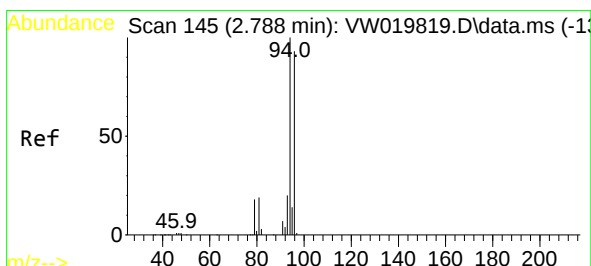
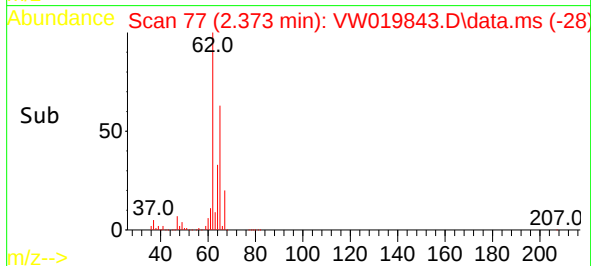
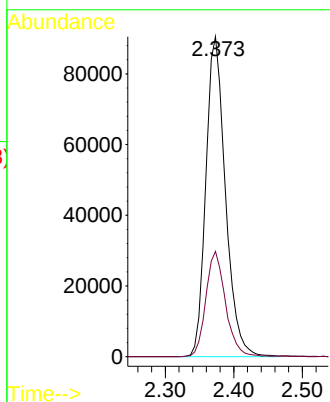
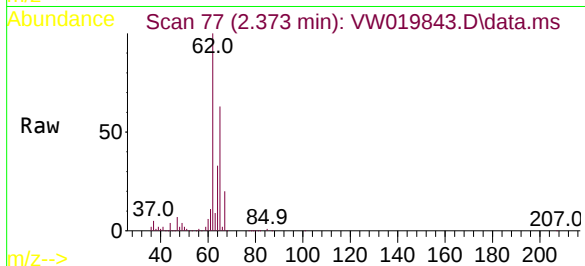




#5
 Vinyl chloride
 Concen: 28.144 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW019843.D
 Acq: 23 Aug 2021 09:02

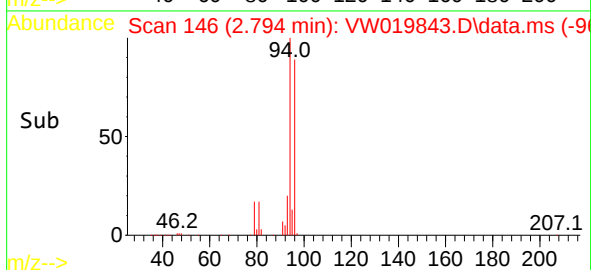
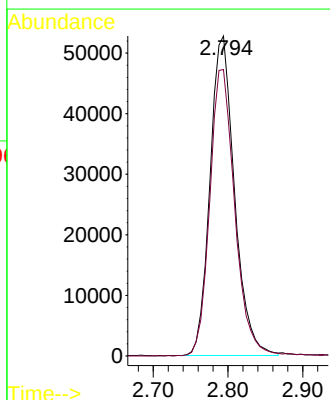
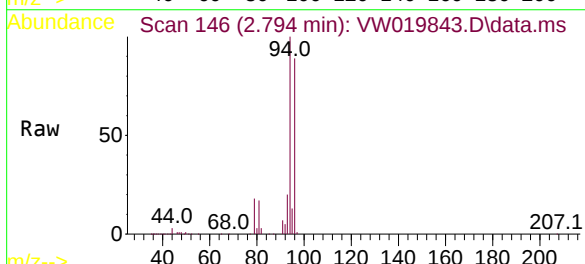
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 MSVOA_W
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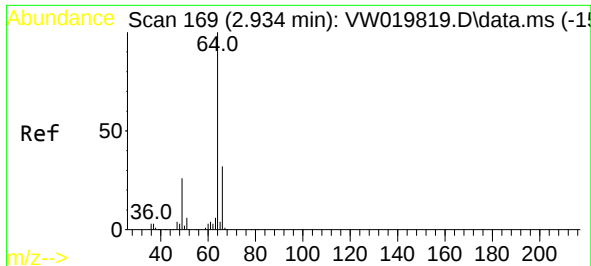
Tgt Ion: 62 Resp: 179807
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 25.404 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. 0.006 min
 Lab File: VW019843.D
 Acq: 23 Aug 2021 09:02

Tgt Ion: 94 Resp: 120438
 Ion Ratio Lower Upper
 94 100
 96 89.5 65.3 121.3

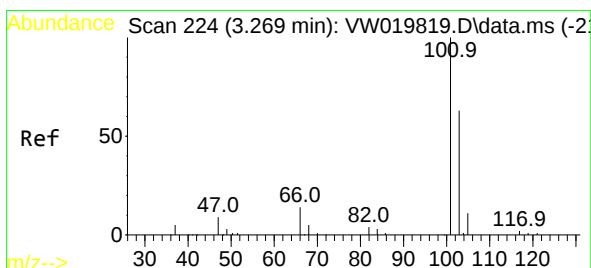
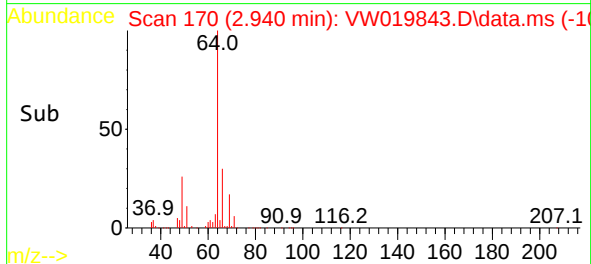
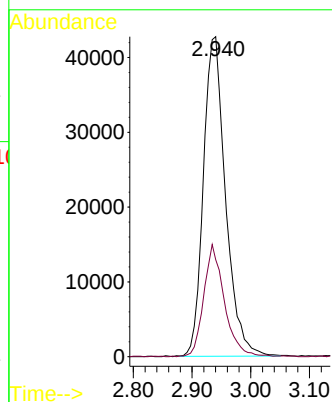
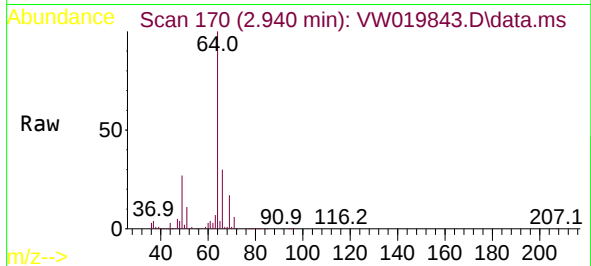




#8
Chloroethane
Concen: 26.790 ug/L
RT: 2.940 min Scan# 170
Delta R.T. 0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

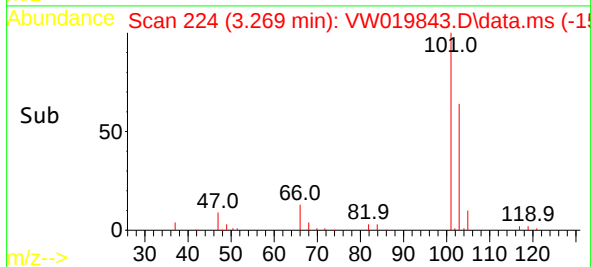
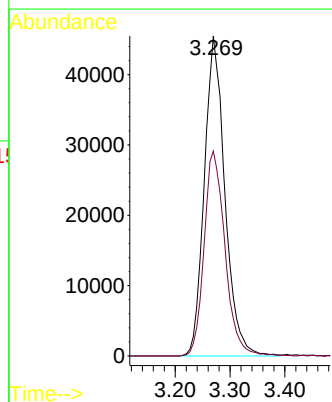
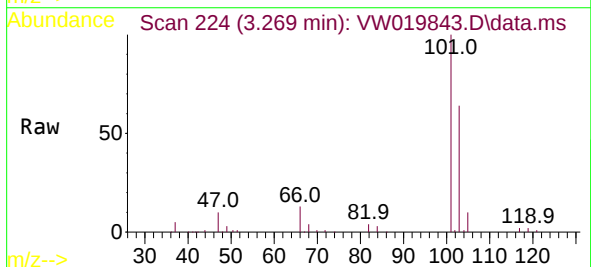
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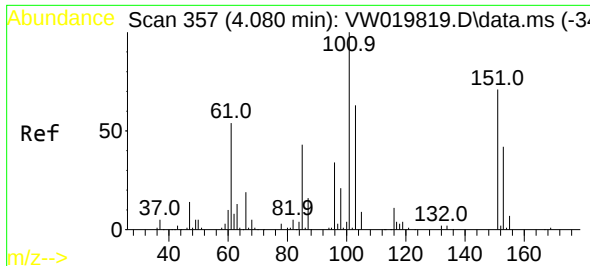
Tgt Ion: 64 Resp: 112201
Ion Ratio Lower Upper
64 100
66 30.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 28.860 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 101 Resp: 118593
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

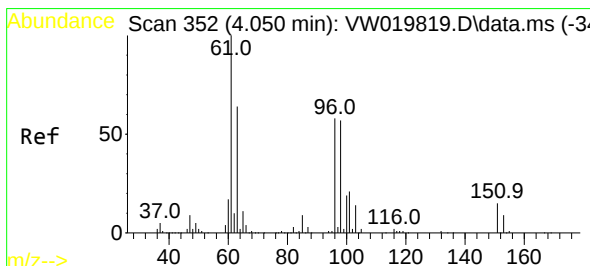
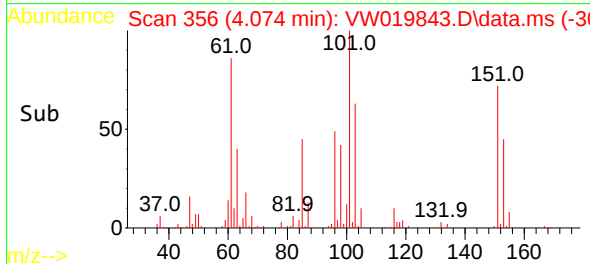
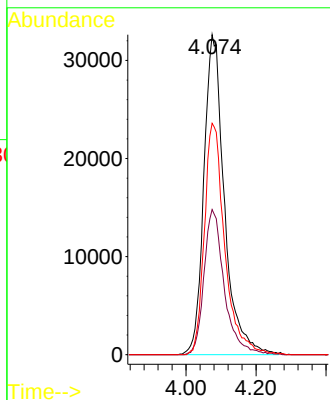
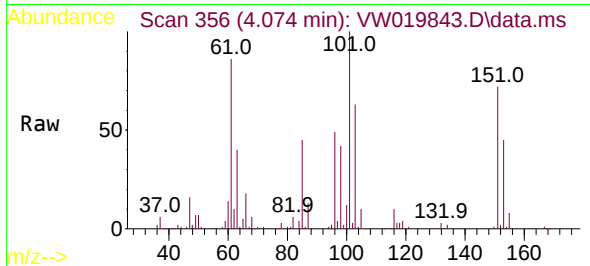




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.194 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.006 min
 Lab File: VW019843.D
 Acq: 23 Aug 2021 09:02

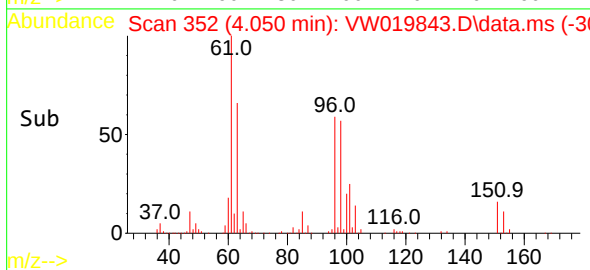
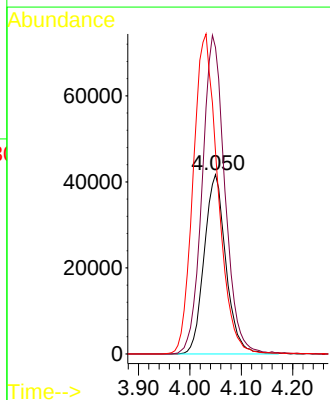
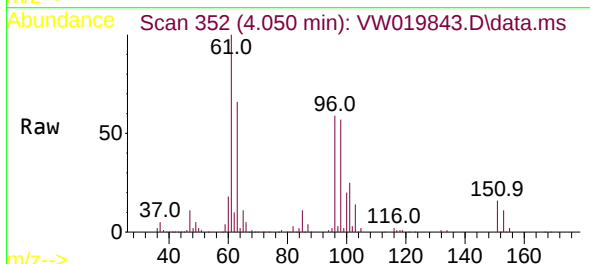
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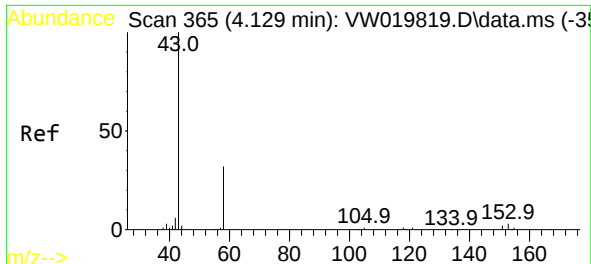
Tgt Ion:101 Resp: 132643
 Ion Ratio Lower Upper
 101 100
 85 44.7 38.2 57.2
 151 71.5 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 25.579 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW019843.D
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Tgt Ion: 96 Resp: 122352
 Ion Ratio Lower Upper
 96 100
 61 170.9 118.1 219.3
 63 112.9 83.7 155.5

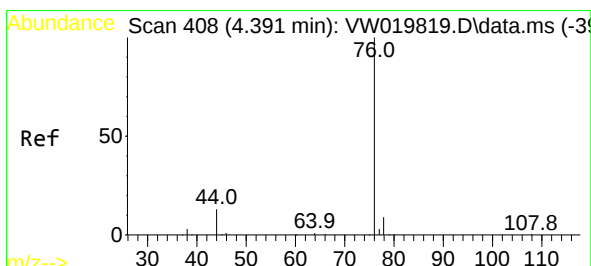
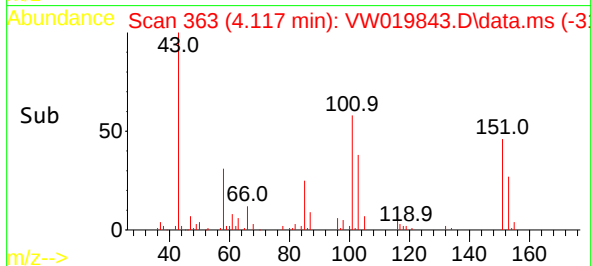
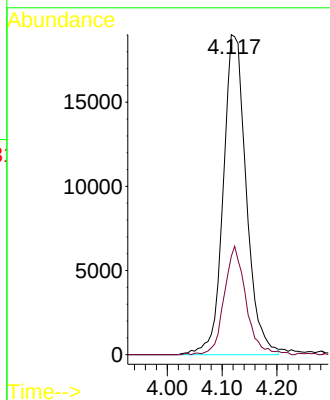
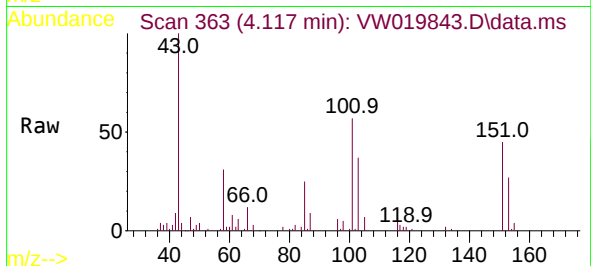




#13
Acetone
Concen: 58.553 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

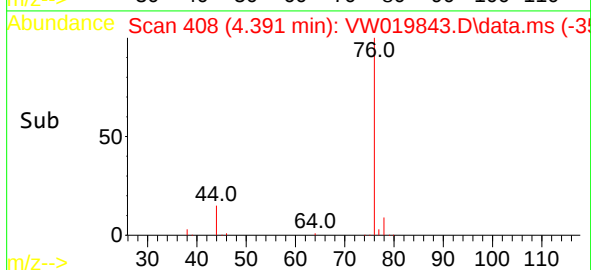
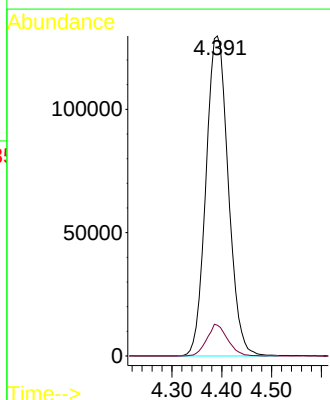
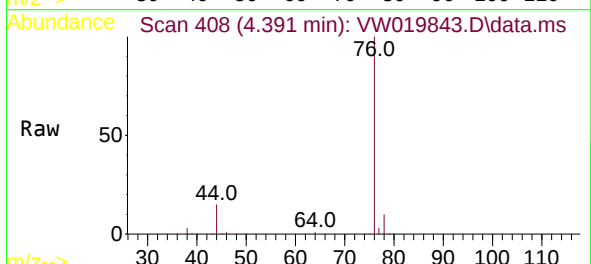
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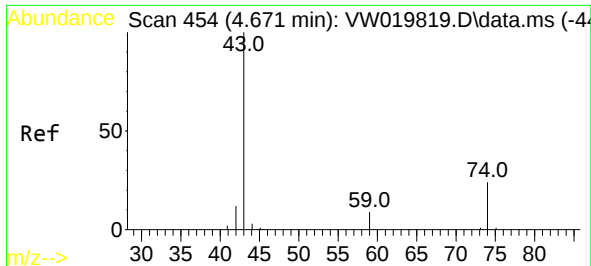
Tgt Ion: 43 Resp: 55567
Ion Ratio Lower Upper
43 100
58 31.1 0.0 53.8



#14
Carbon disulfide
Concen: 26.380 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019843.D
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Tgt Ion: 76 Resp: 403581
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

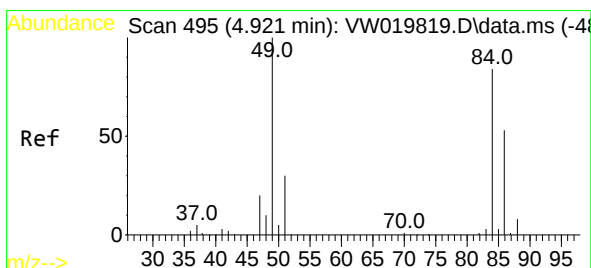
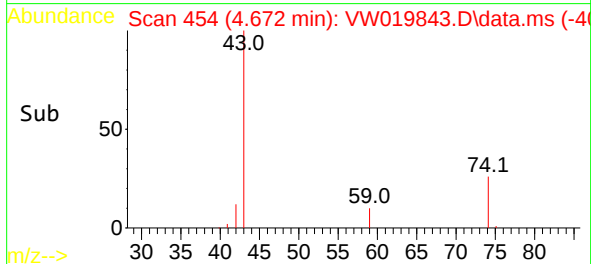
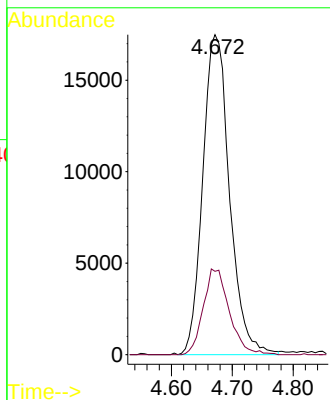
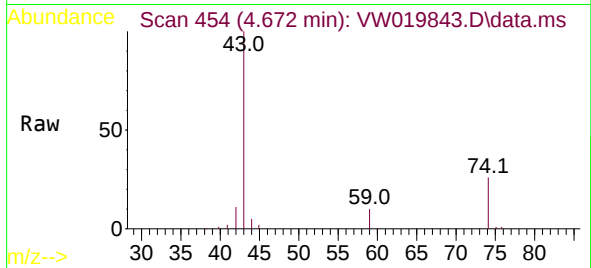




#15
Methyl Acetate
Concen: 27.069 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

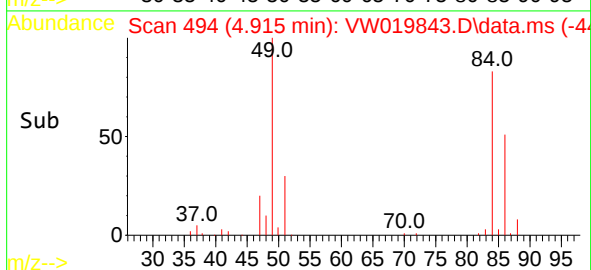
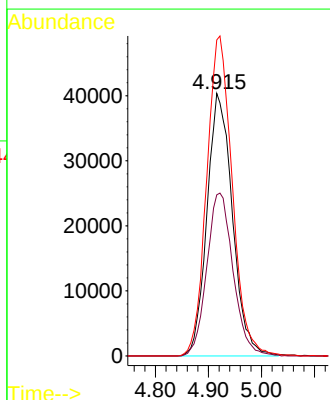
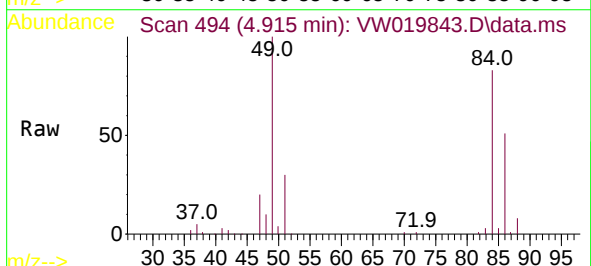
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

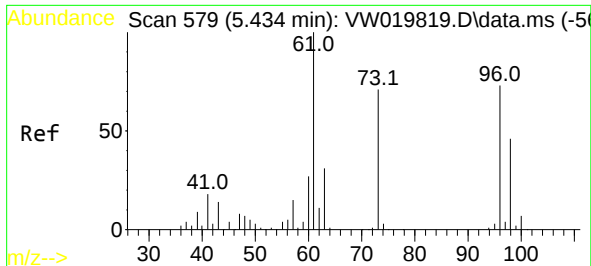
Tgt Ion: 43 Resp: 53472
Ion Ratio Lower Upper
43 100
74 25.7 20.0 30.0



#16
Methylene chloride
Concen: 22.172 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 84 Resp: 134417
Ion Ratio Lower Upper
84 100
86 61.4 45.3 84.1
49 120.4 86.6 160.8

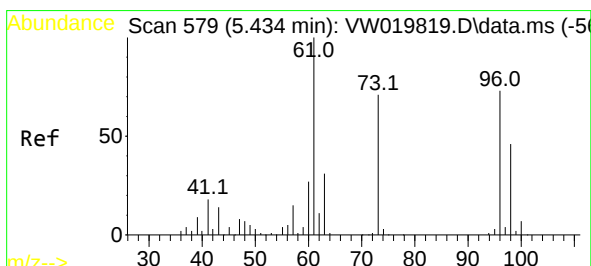
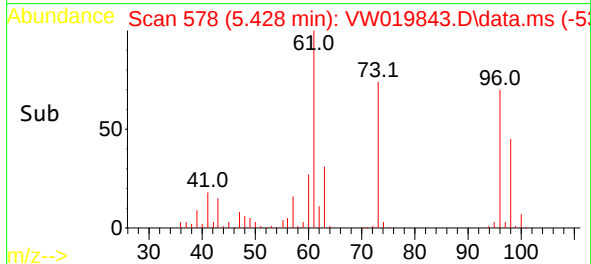
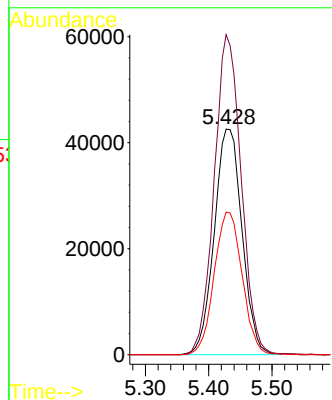
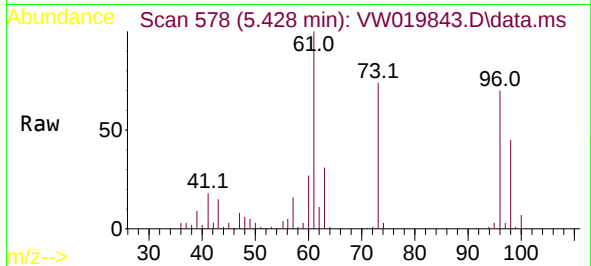




#17
trans-1,2-Dichloroethene
Concen: 25.849 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

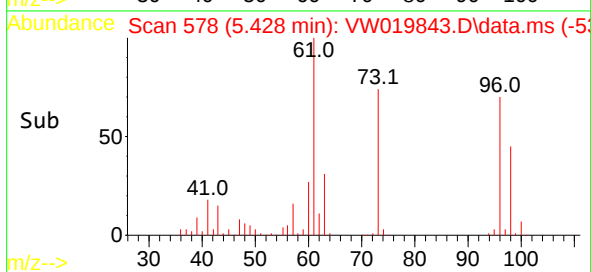
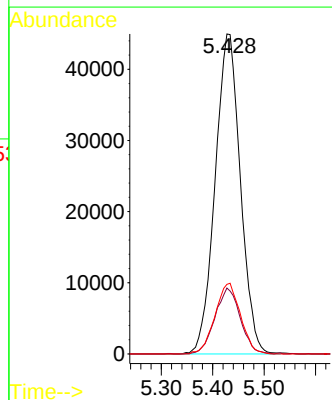
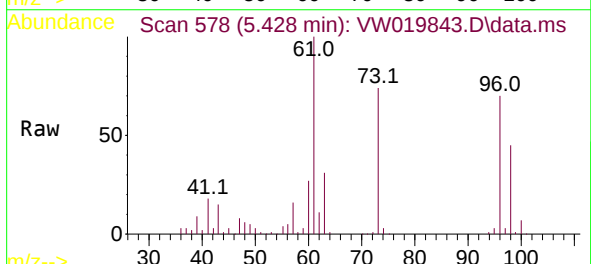
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

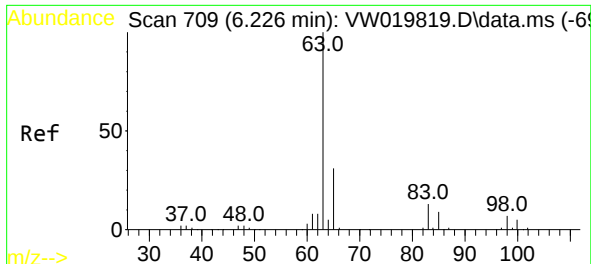
Tgt Ion: 96 Resp: 129884
Ion Ratio Lower Upper
96 100
61 141.8 98.3 182.7
98 63.2 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 26.534 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 73 Resp: 153474
Ion Ratio Lower Upper
73 100
43 20.7 17.7 26.5
57 22.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 26.146 ug/L

RT: 6.220 min Scan# 708

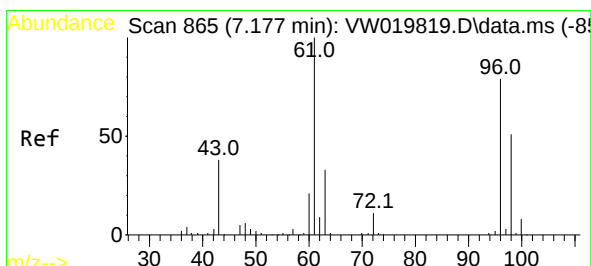
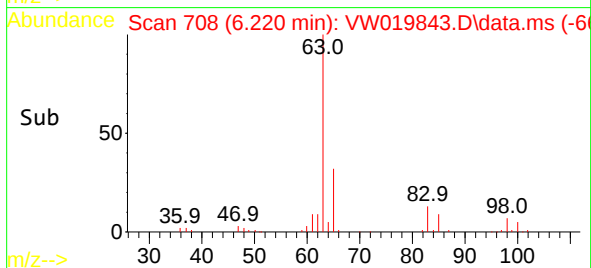
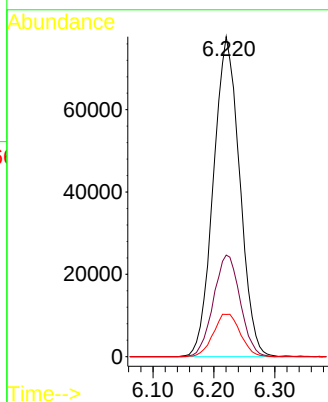
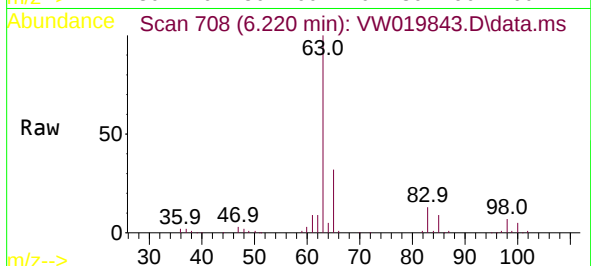
Delta R.T. -0.006 min

Lab File: VW019843.D

Acq: 23 Aug 2021 09:02

Tgt Ion: 63 Resp: 232876

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.9	42.5
83	13.2	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 26.348 ug/L

RT: 7.177 min Scan# 865

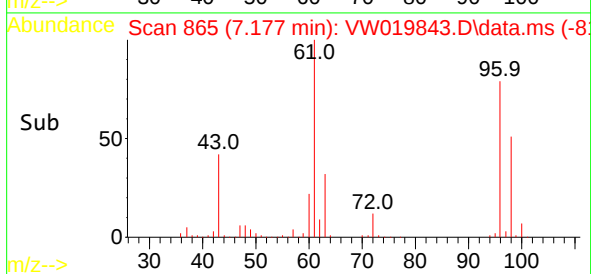
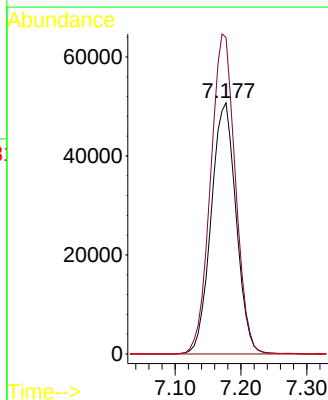
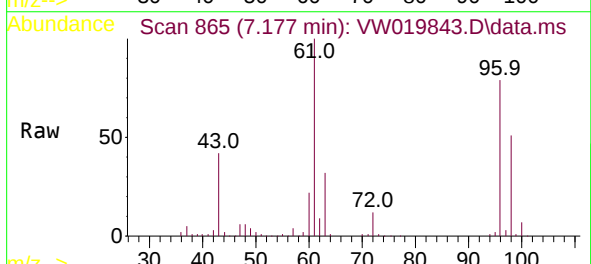
Delta R.T. 0.000 min

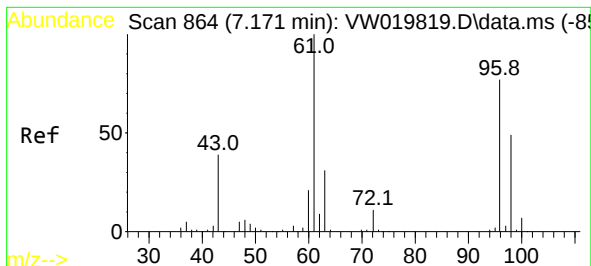
Lab File: VW019843.D

Acq: 23 Aug 2021 09:02

Tgt Ion: 96 Resp: 134005

Ion	Ratio	Lower	Upper
96	100		
61	126.0	88.5	164.3
68	0.0	0.0	0.0

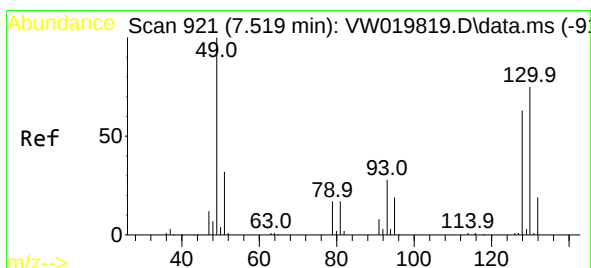
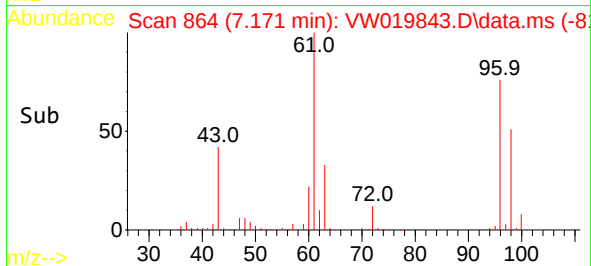
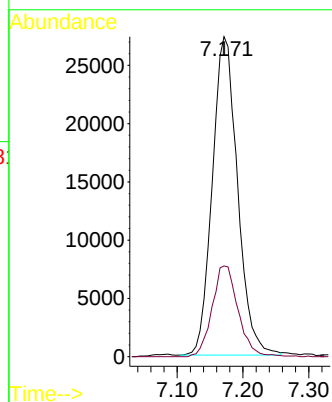
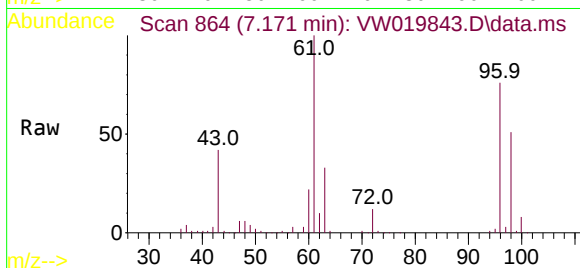




#22
2-Butanone
Concen: 59.388 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

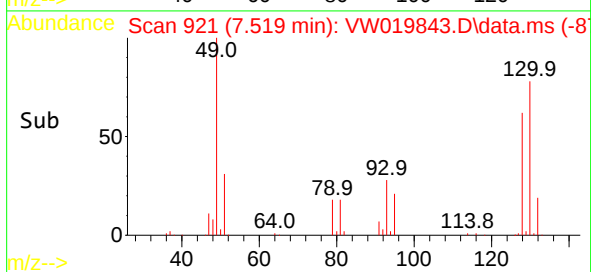
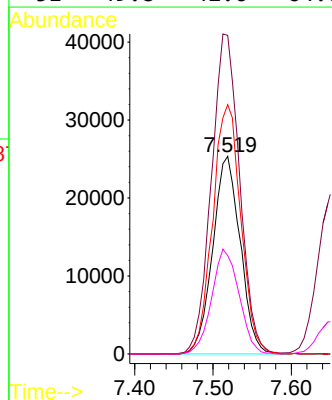
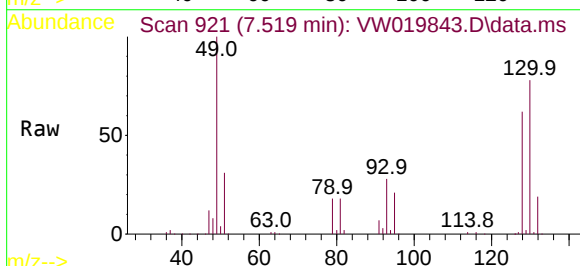
Instrument :
MSVOA_W
ClientSampled :
VSTD025519

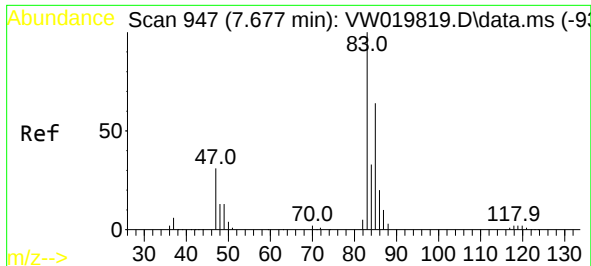
Tgt Ion: 43 Resp: 73033
Ion Ratio Lower Upper
43 100
72 29.0 14.9 44.7



#23
Bromochloromethane
Concen: 27.155 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 128 Resp: 61809
Ion Ratio Lower Upper
128 100
49 161.2 116.3 215.9
130 126.2 82.4 153.0
51 49.8 42.6 64.0

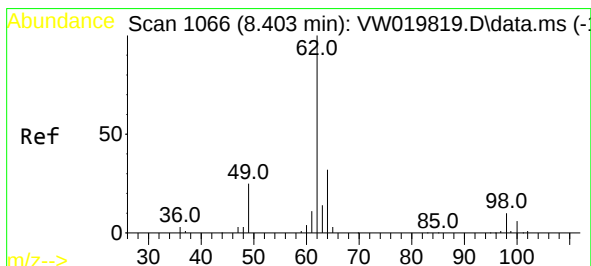
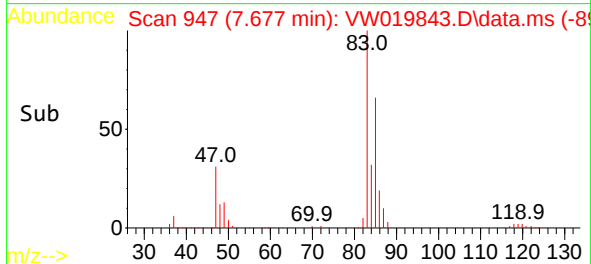
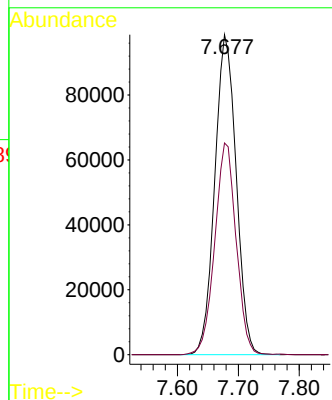
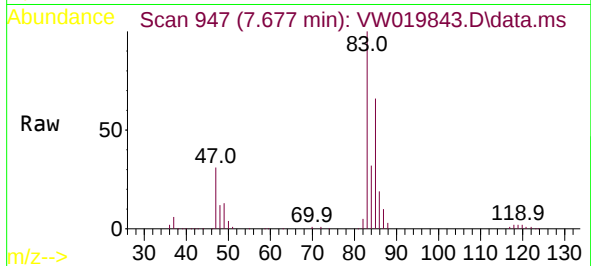




#25
Chloroform
Concen: 26.101 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

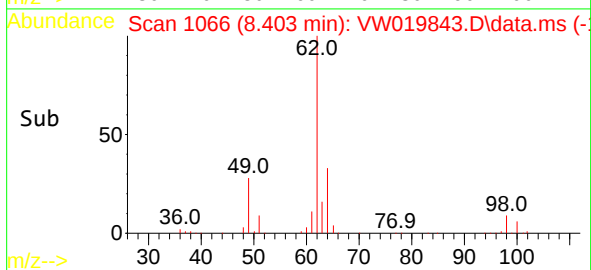
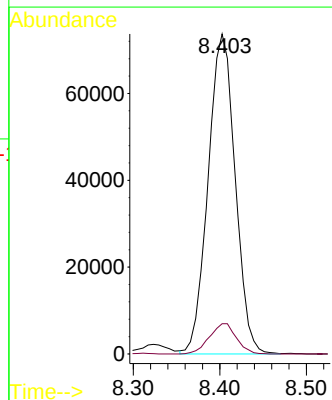
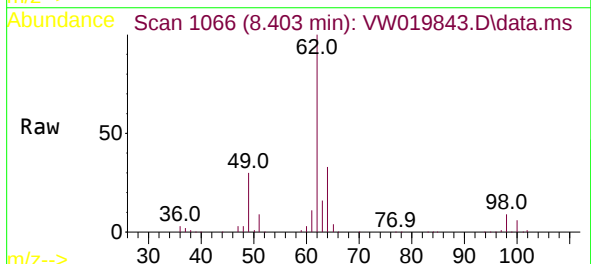
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

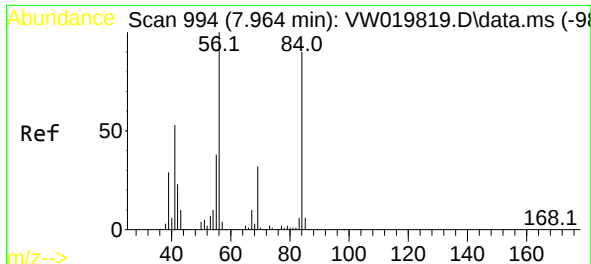
Tgt Ion: 83 Resp: 240510
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 26.623 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

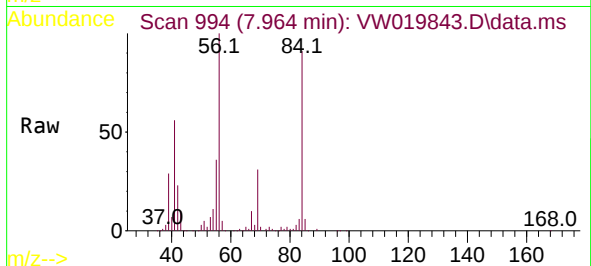
Tgt Ion: 62 Resp: 160039
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3



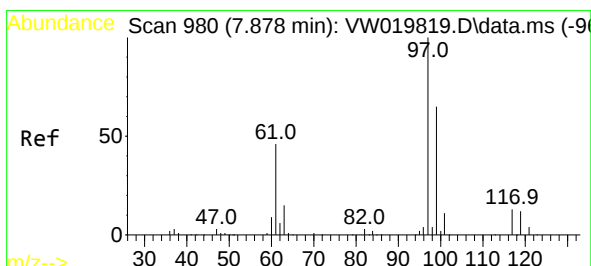
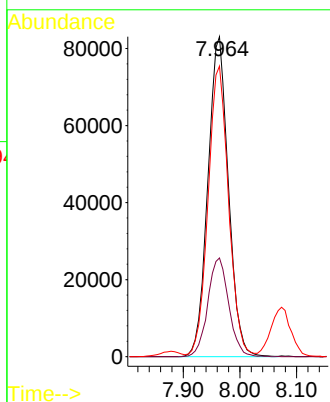
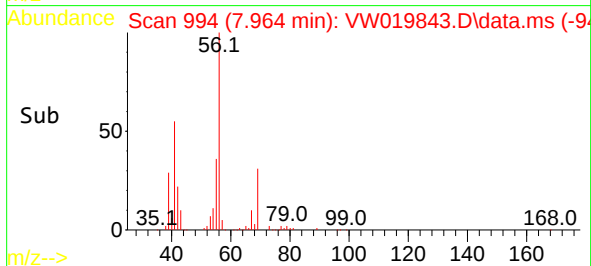


#29
Cyclohexane
Concen: 26.288 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

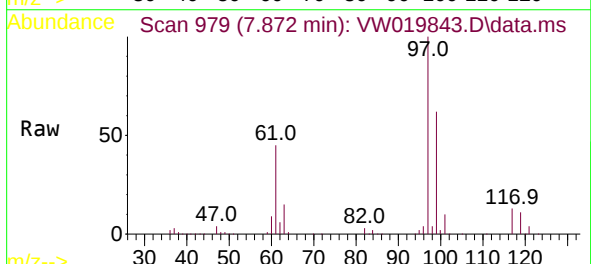
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519



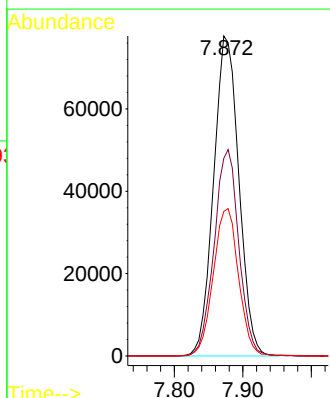
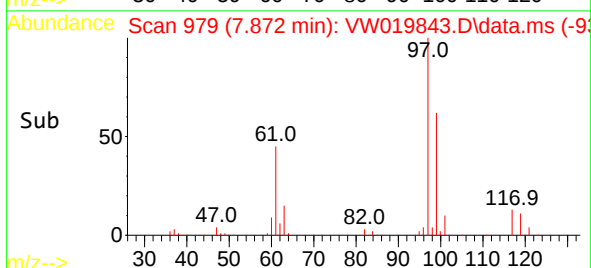
Tgt Ion: 56 Resp: 208736
Ion Ratio Lower Upper
56 100
69 31.5 24.5 36.7
84 90.9 75.0 112.4

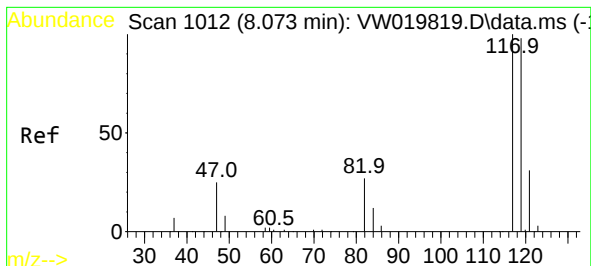


#30
1,1,1-Trichloroethane
Concen: 26.310 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02



Tgt Ion: 97 Resp: 198823
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.2
61 46.1 37.8 56.6

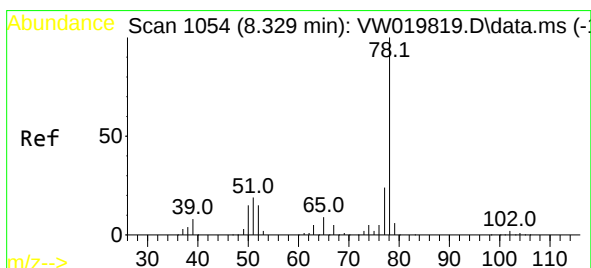
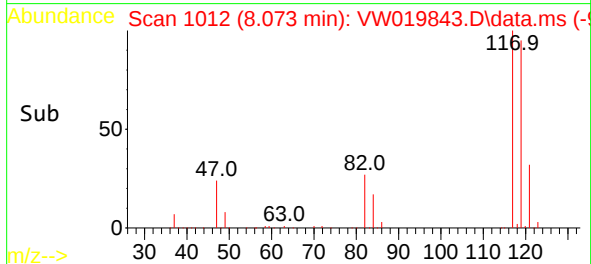
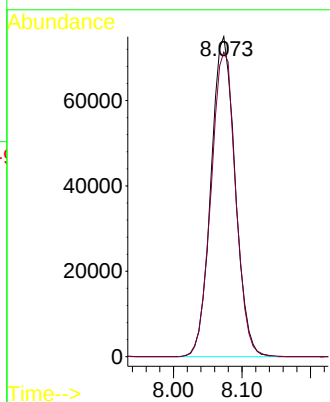
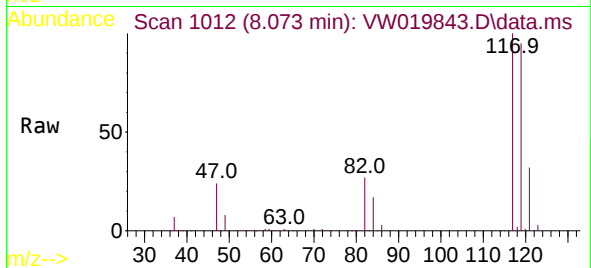




#31
Carbon tetrachloride
Concen: 26.047 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

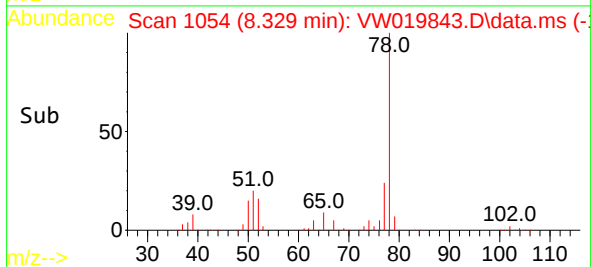
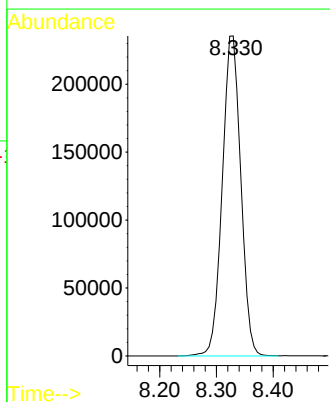
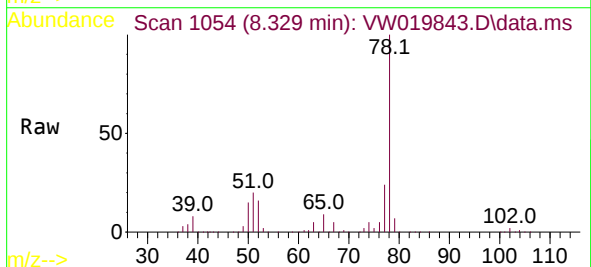
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

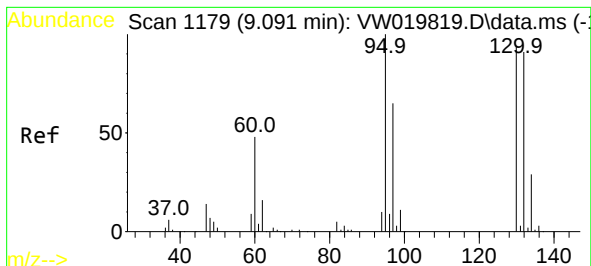
Tgt Ion:117 Resp: 183487
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7



#33
Benzene
Concen: 25.768 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 78 Resp: 534755

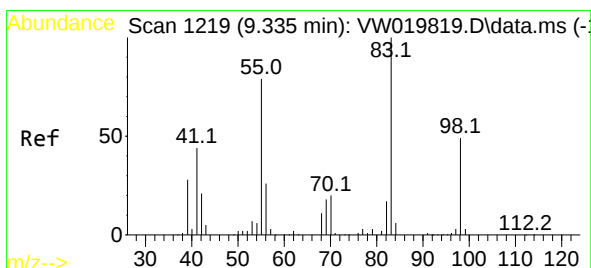
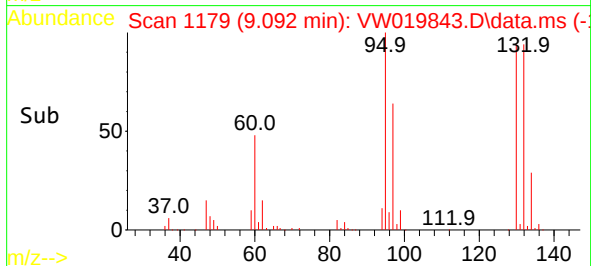
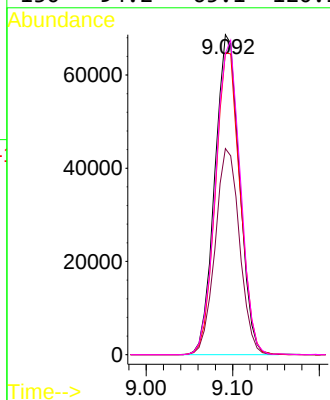
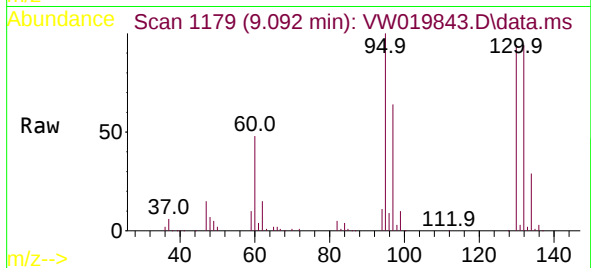




#34
Trichloroethene
Concen: 25.151 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

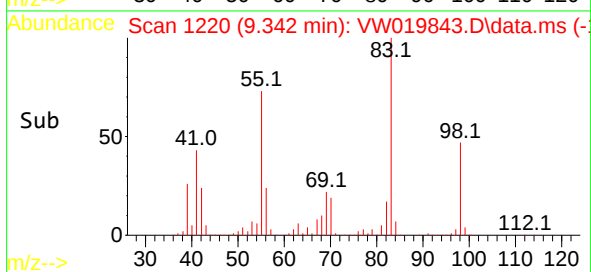
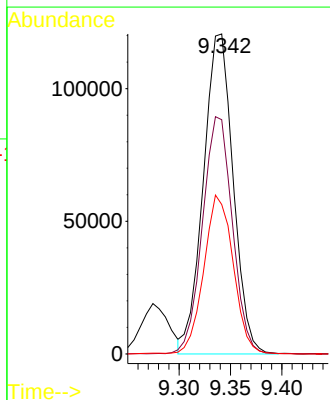
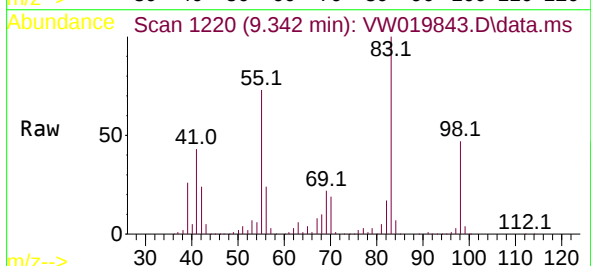
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

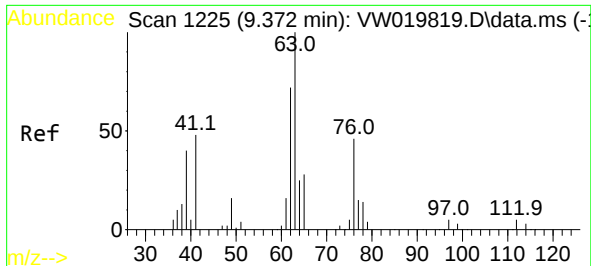
Tgt Ion: 95 Resp: 135687
Ion Ratio Lower Upper
95 100
97 64.4 47.3 87.8
132 94.3 71.0 131.8
130 94.2 65.1 120.9



#35
Methylcyclohexane
Concen: 26.362 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 83 Resp: 243938
Ion Ratio Lower Upper
83 100
55 74.3 58.9 88.3
98 48.9 40.1 60.1

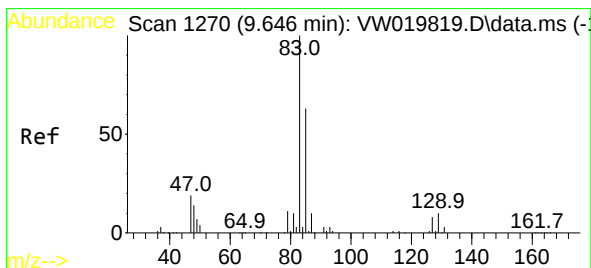
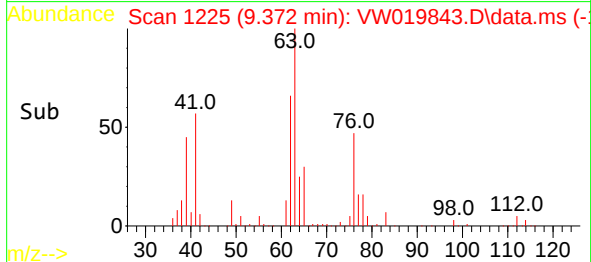
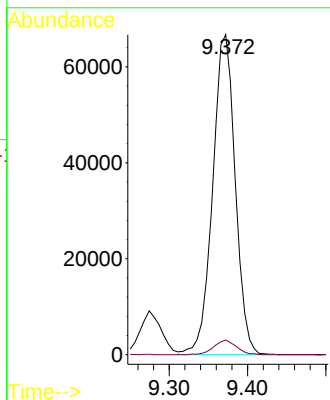
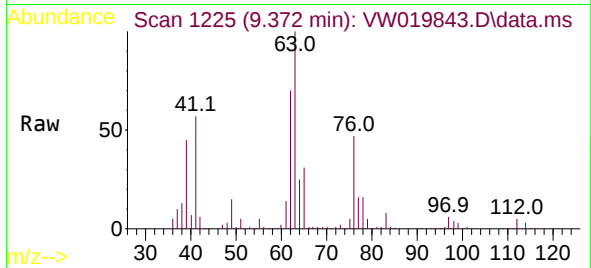




#37
1,2-Dichloropropane
Concen: 25.993 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

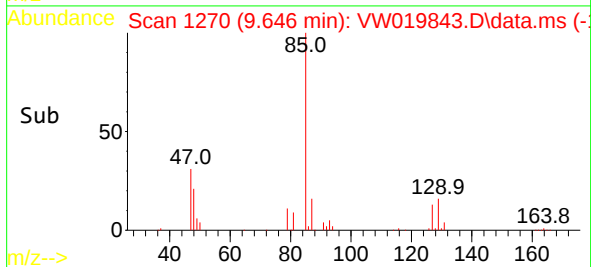
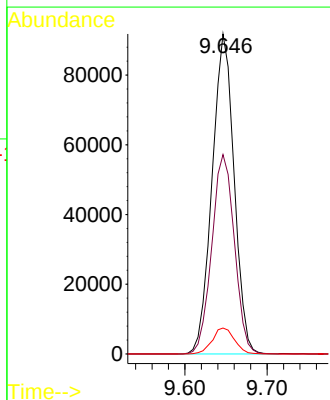
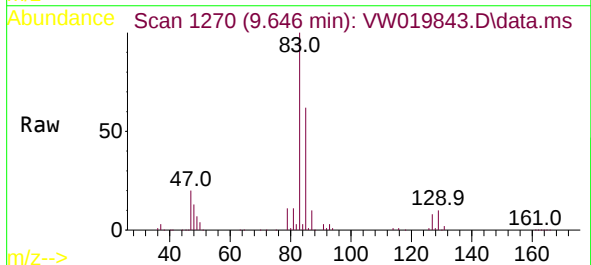
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

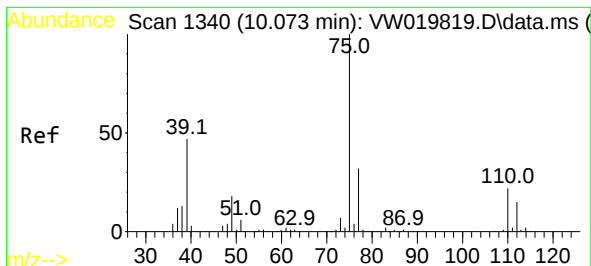
Tgt Ion: 63 Resp: 133597
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 25.683 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 83 Resp: 171002
Ion Ratio Lower Upper
83 100
85 62.3 42.3 78.5
127 8.1 6.6 9.8

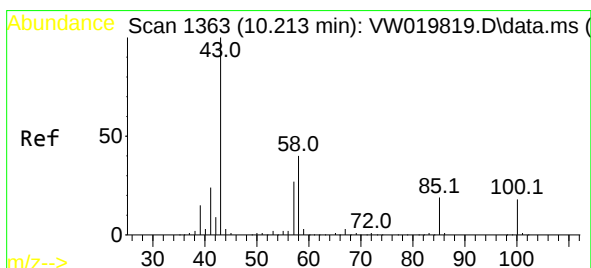
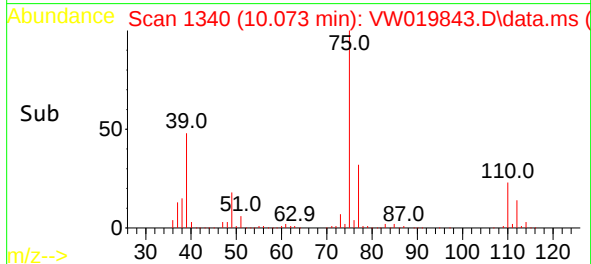
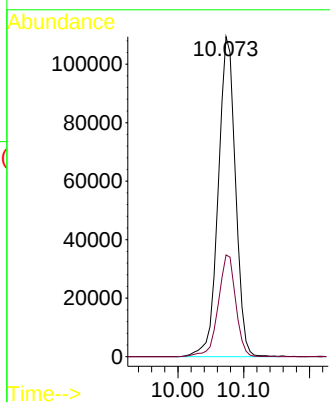
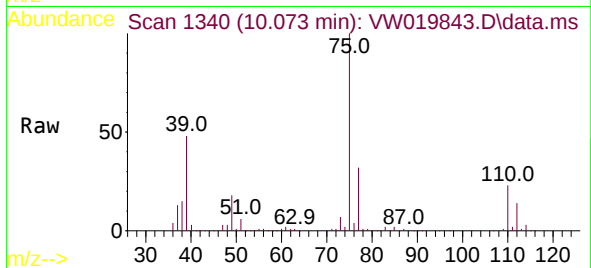




#39
cis-1,3-Dichloropropene
Concen: 26.398 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

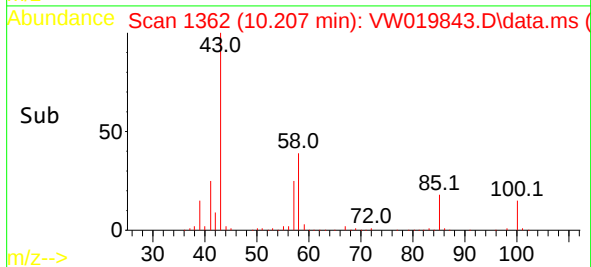
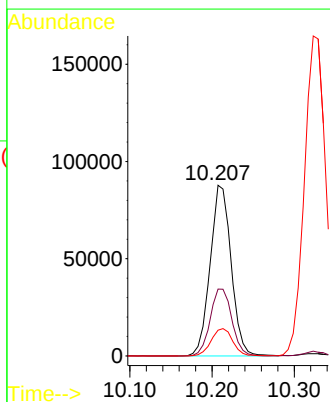
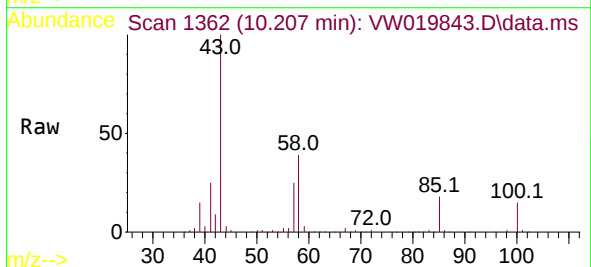
Instrument :
MSVOA_W
ClientSampled :
VSTD025519

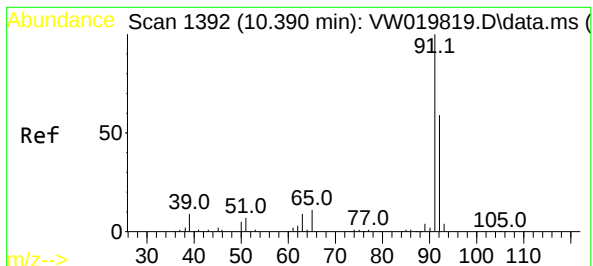
Tgt Ion: 75 Resp: 199798
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 57.054 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 43 Resp: 155926
Ion Ratio Lower Upper
43 100
58 40.4 31.0 46.4
100 16.5 13.0 19.6





#42

Toluene

Concen: 26.267 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019843.D

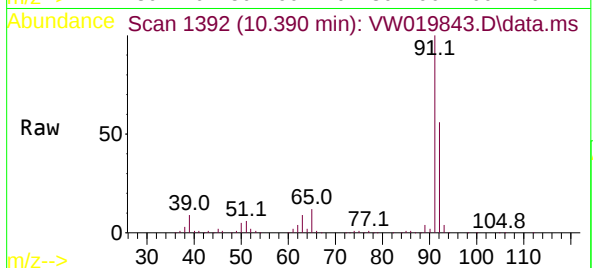
Acq: 23 Aug 2021 09:02

Tgt Ion: 91 Resp: 577432

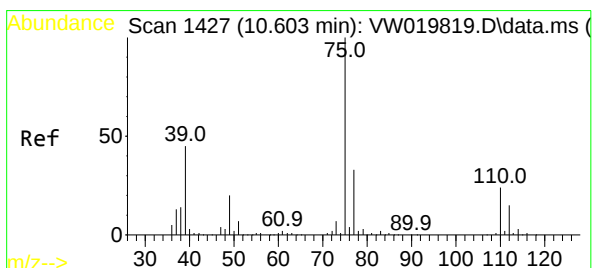
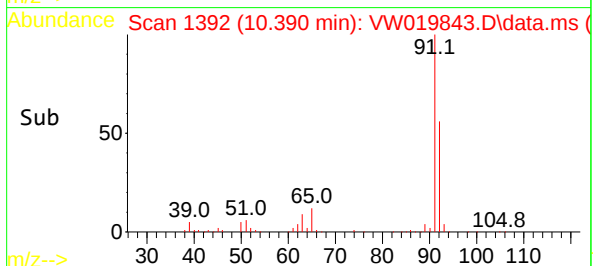
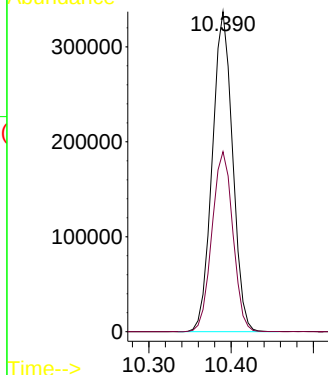
Ion Ratio Lower Upper

91 100

92 56.2 39.5 73.3



Abundance



#44

trans-1,3-Dichloropropene

Concen: 26.851 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW019843.D

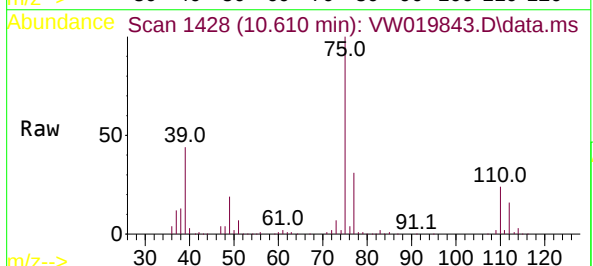
Acq: 23 Aug 2021 09:02

Tgt Ion: 75 Resp: 178882

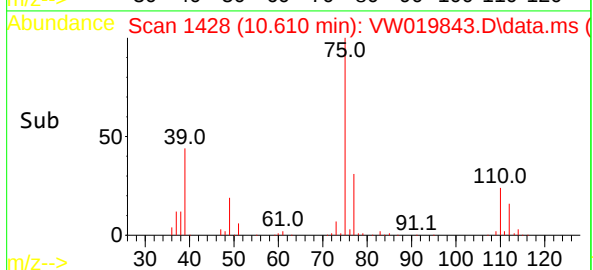
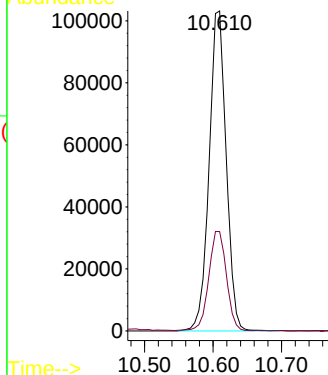
Ion Ratio Lower Upper

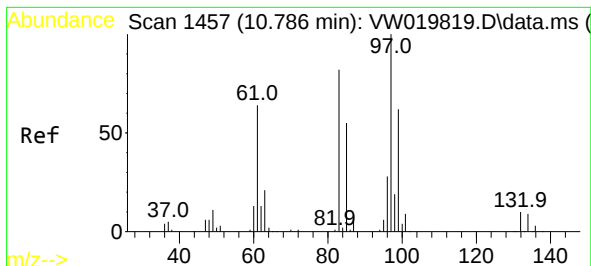
75 100

77 31.0 21.1 39.1



Abundance



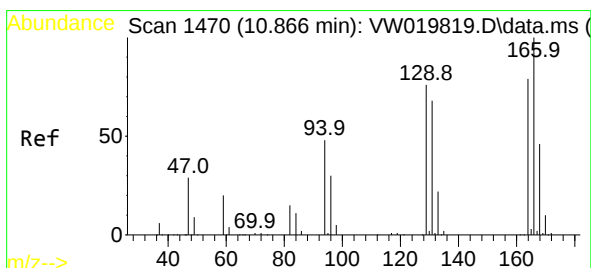
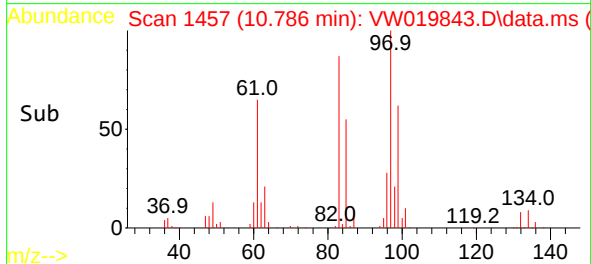
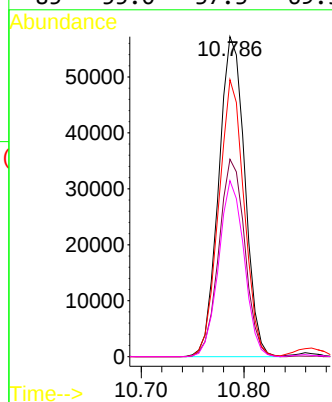
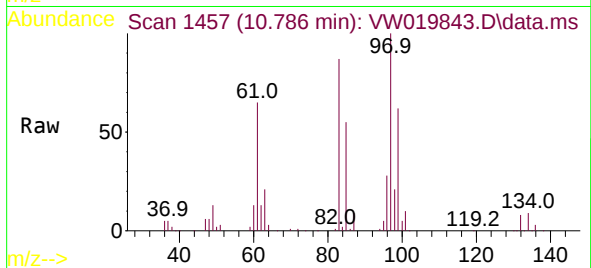


#45
1,1,2-Trichloroethane
Concen: 27.126 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion: 97 Resp: 100934

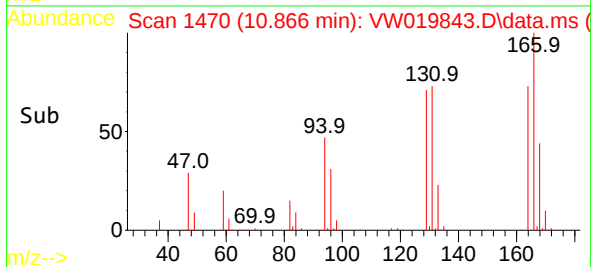
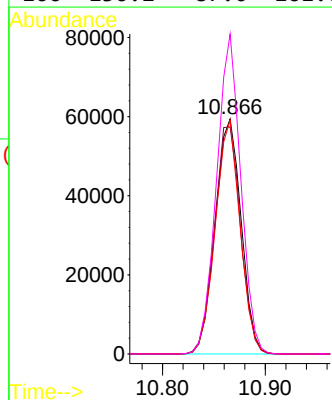
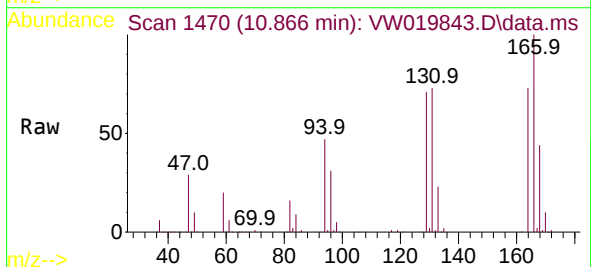
Ion	Ratio	Lower	Upper
97	100		
99	61.7	45.1	83.7
83	86.6	58.1	107.9
85	55.0	37.3	69.3

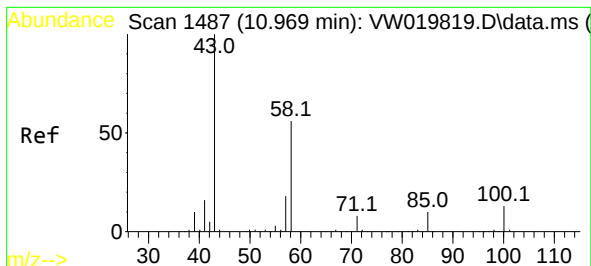


#46
Tetrachloroethene
Concen: 25.435 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 164 Resp: 103944

Ion	Ratio	Lower	Upper
164	100		
129	96.6	66.7	123.9
131	99.4	61.1	113.5
166	136.2	87.0	161.6



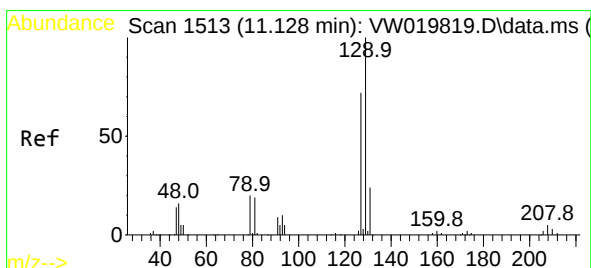
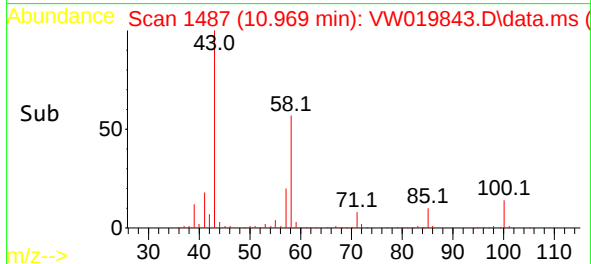
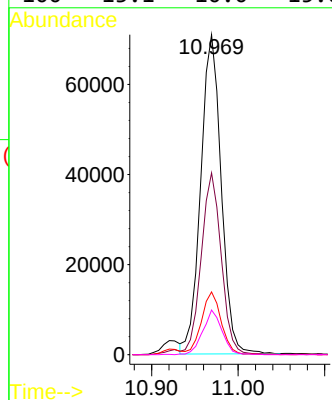
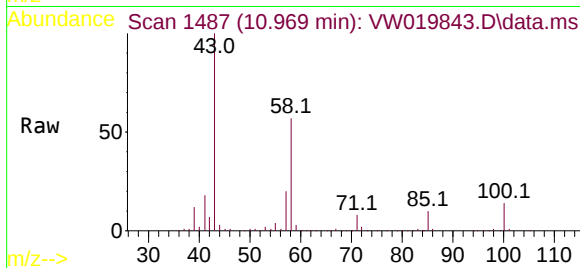


#48
2-Hexanone
Concen: 61.231 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion: 43 Resp: 116490

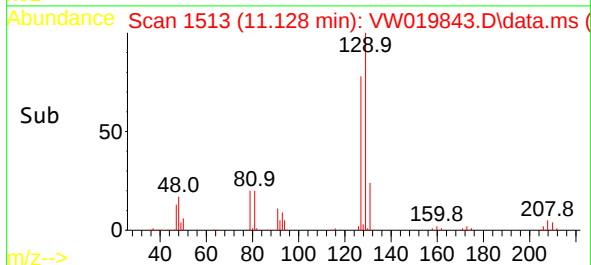
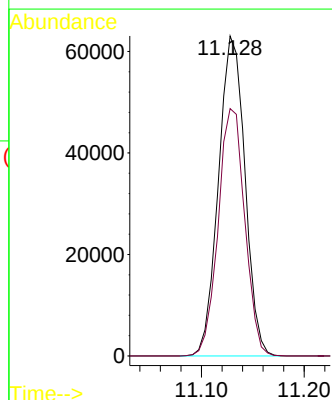
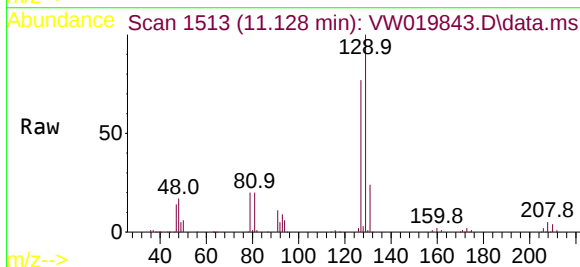
Ion	Ratio	Lower	Upper
43	100		
58	55.6	42.7	64.1
57	18.9	15.8	23.8
100	13.1	10.0	15.0

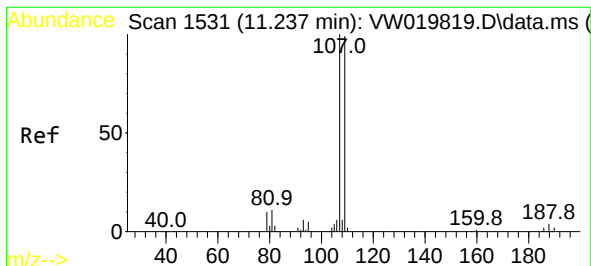


#49
Dibromochloromethane
Concen: 26.490 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 129 Resp: 112751

Ion	Ratio	Lower	Upper
129	100		
127	77.3	51.7	95.9

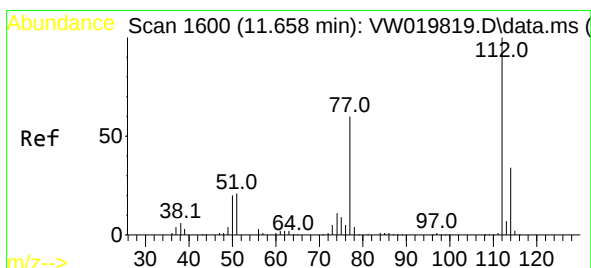
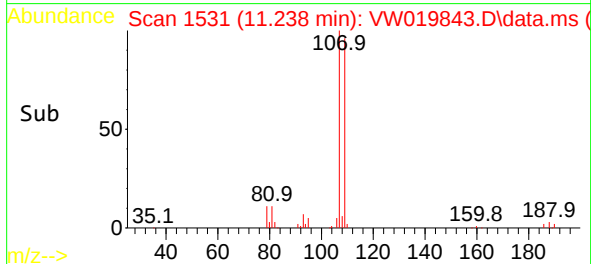
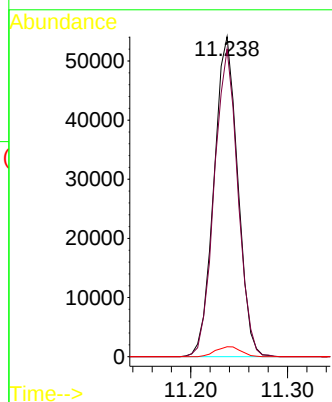
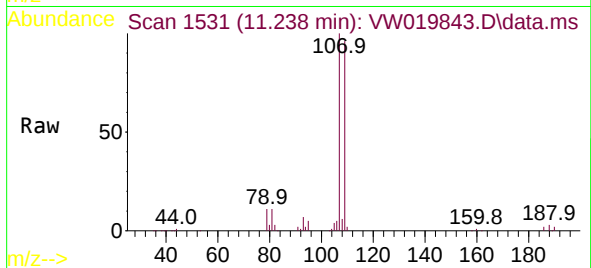




#50
1,2-Dibromoethane
Concen: 26.454 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

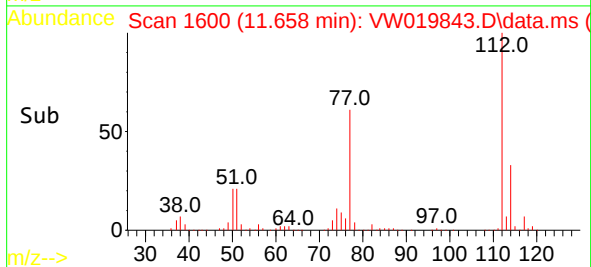
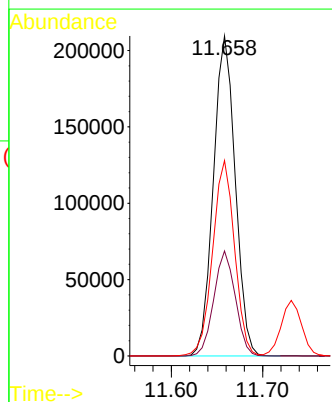
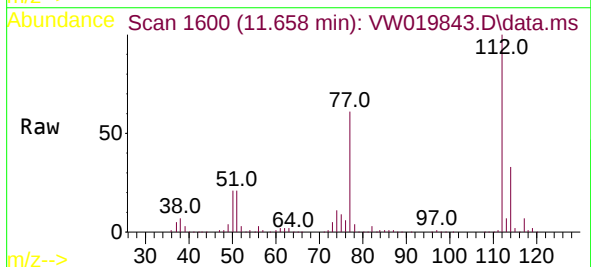
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

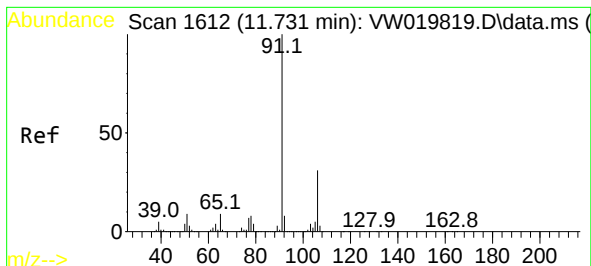
Tgt Ion:107 Resp: 92452
Ion Ratio Lower Upper
107 100
109 96.1 65.4 121.4
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 24.934 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion:112 Resp: 348127
Ion Ratio Lower Upper
112 100
114 32.8 23.4 43.6
77 61.0 47.6 71.4

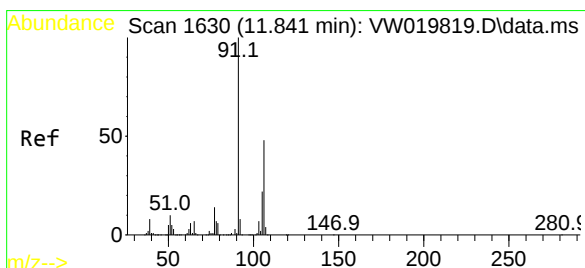
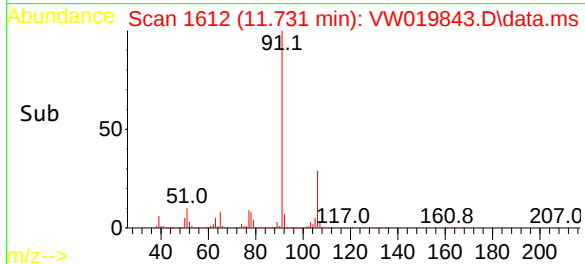
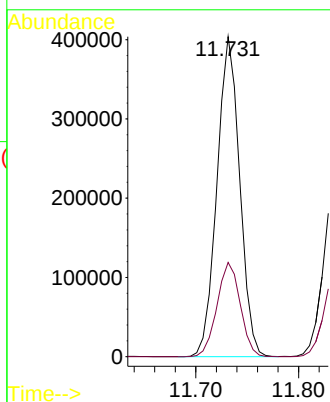
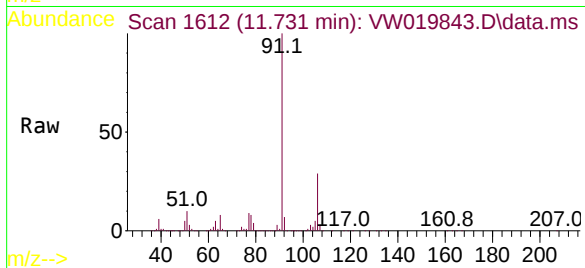




#52
Ethylbenzene
Concen: 26.153 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

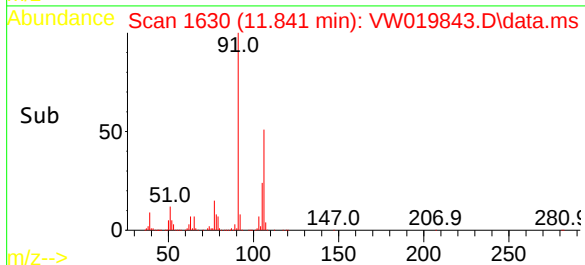
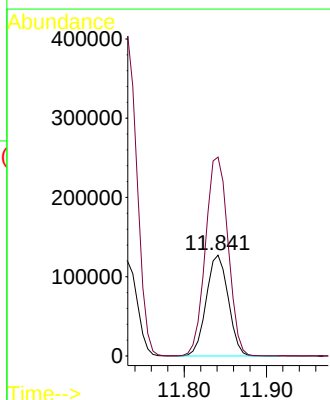
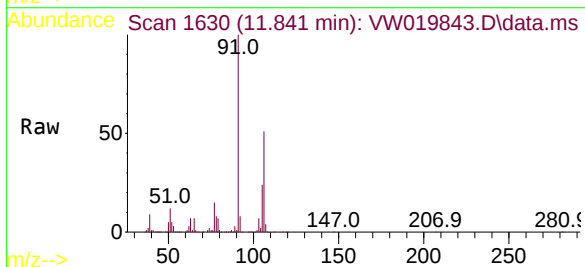
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

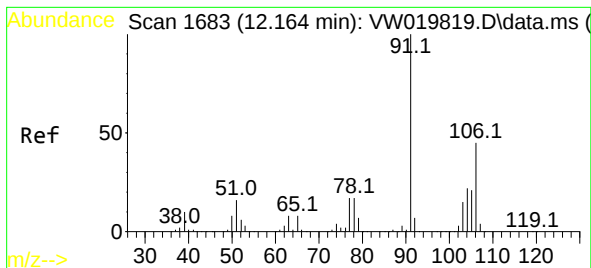
Tgt Ion: 91 Resp: 618961
Ion Ratio Lower Upper
91 100
106 29.5 22.5 41.7



#53
m,p-Xylene
Concen: 26.002 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 106 Resp: 236321
Ion Ratio Lower Upper
106 100
91 197.2 141.3 262.3

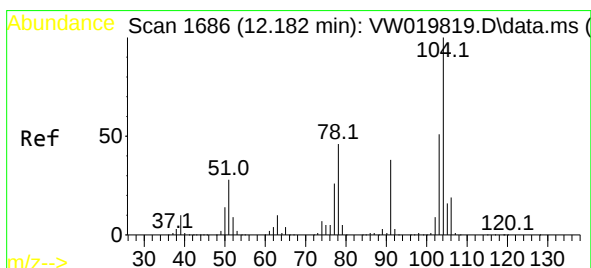
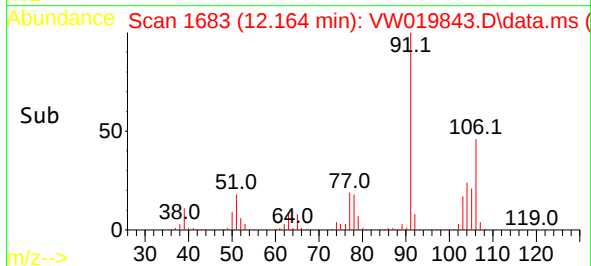
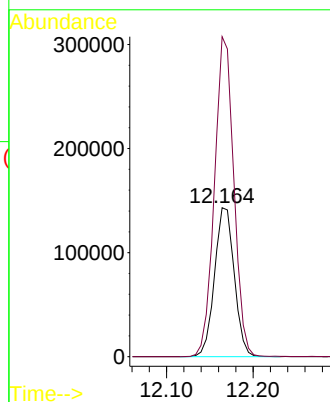
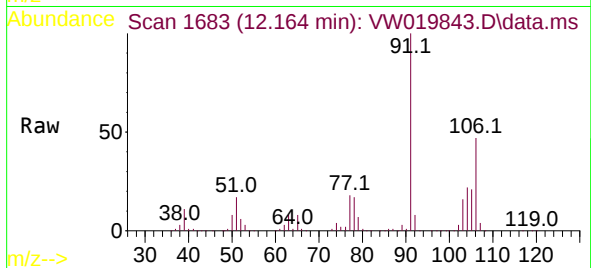




#54
o-Xylene
Concen: 26.344 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

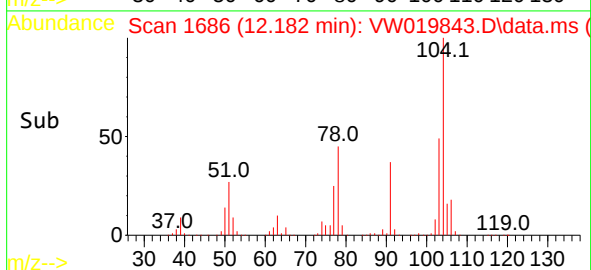
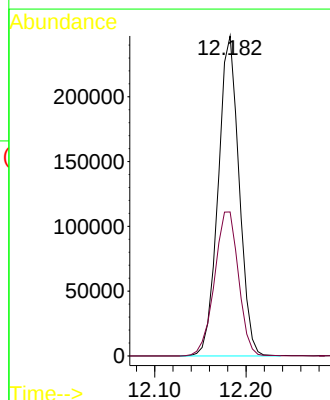
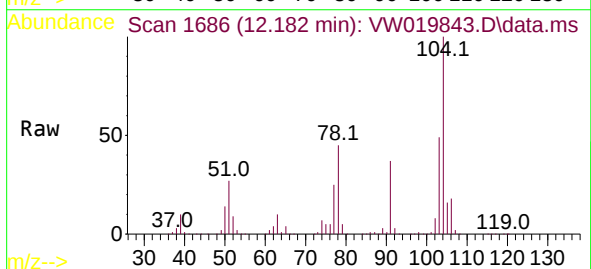
Instrument :
MSVOA_W
ClientSampled :
VSTD025519

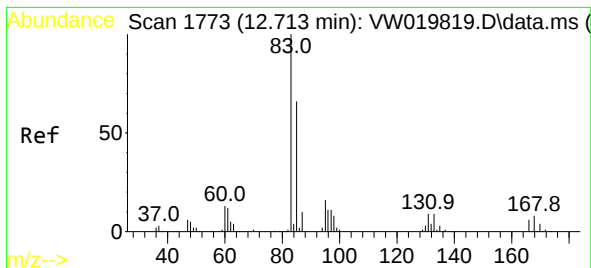
Tgt Ion:106 Resp: 226486
Ion Ratio Lower Upper
106 100
91 214.8 150.0 278.6



#55
Styrene
Concen: 26.748 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion:104 Resp: 392930
Ion Ratio Lower Upper
104 100
78 45.0 32.5 60.3

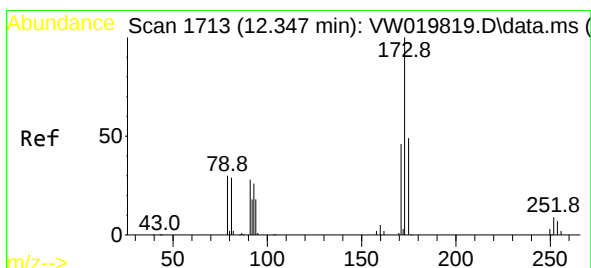
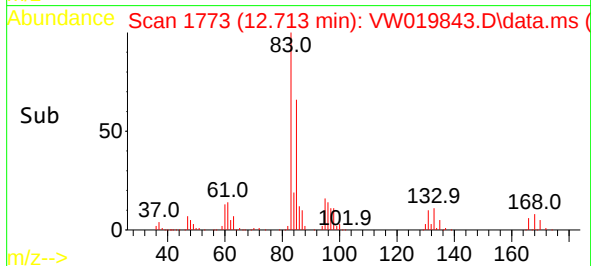
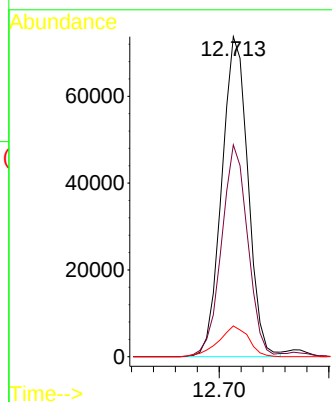
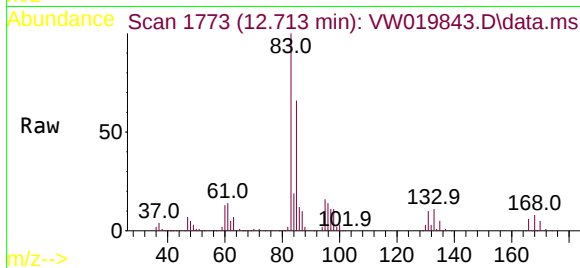




#57
1,1,2,2-Tetrachloroethane
Concen: 26.839 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

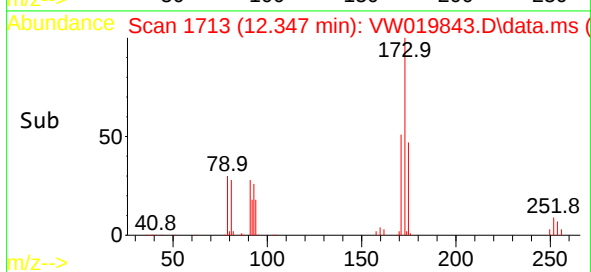
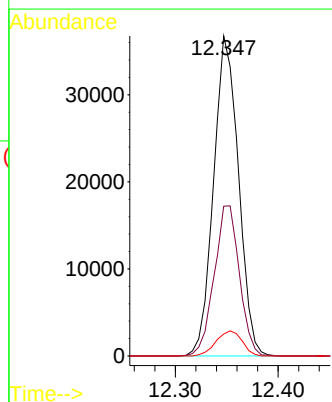
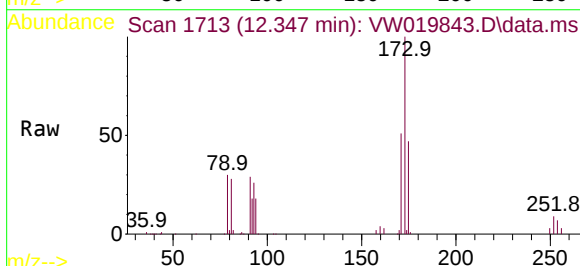
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

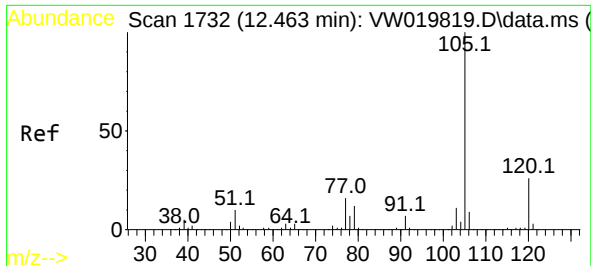
Tgt Ion: 83 Resp: 122466
Ion Ratio Lower Upper
83 100
85 66.2 44.4 82.4
131 9.6 8.2 12.4



#59
Bromoform
Concen: 27.435 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion:173 Resp: 61742
Ion Ratio Lower Upper
173 100
175 47.5 37.5 56.3
254 8.2 7.0 10.4

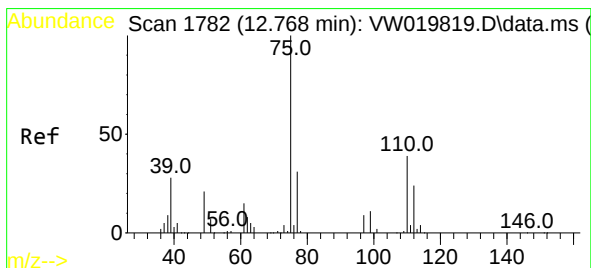
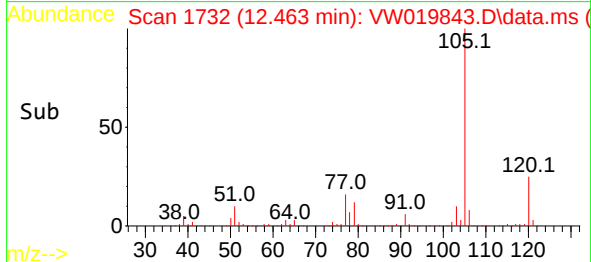
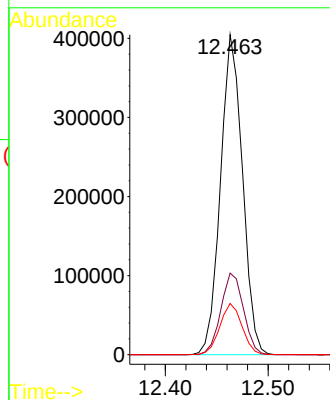
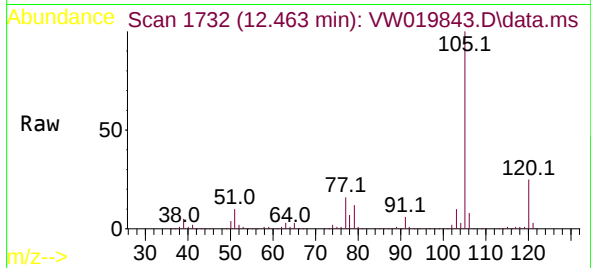




#60
Isopropylbenzene
Concen: 26.164 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

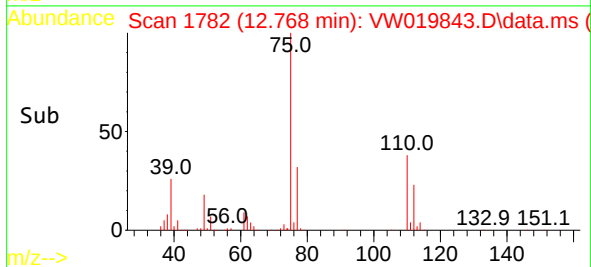
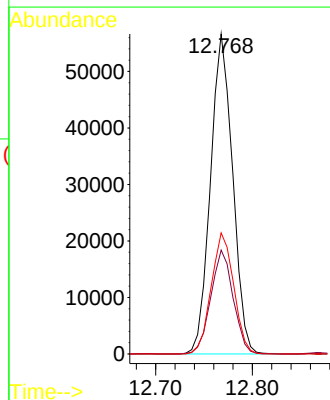
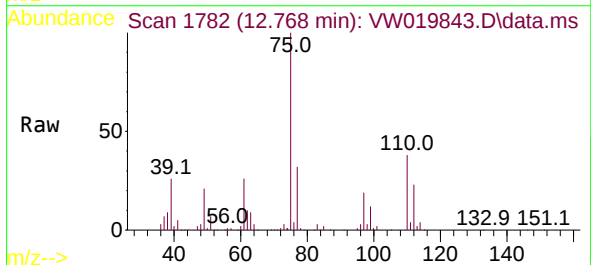
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

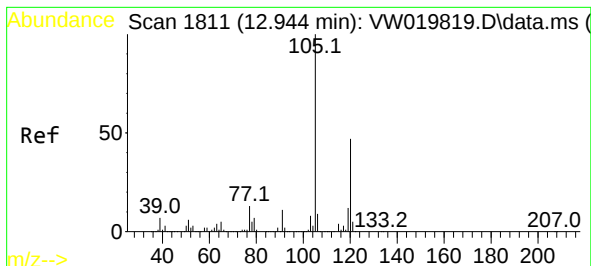
Tgt Ion:105 Resp: 600891
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 27.133 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 75 Resp: 90169
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
110 38.3 32.6 48.8

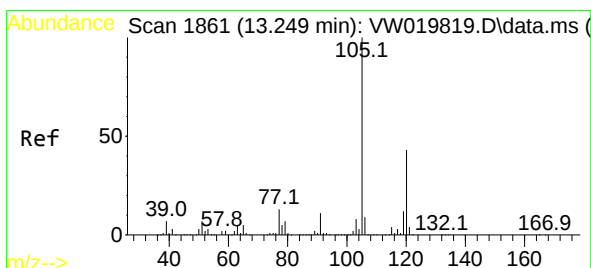
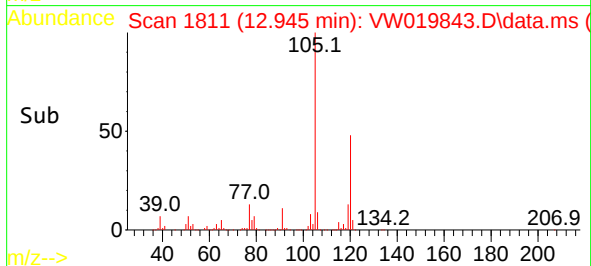
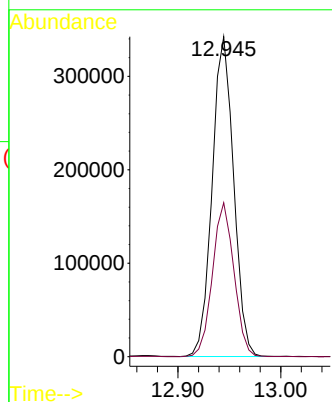
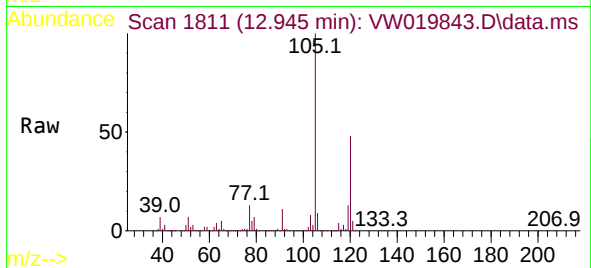




#62
1,3,5-Trimethylbenzene
Concen: 27.052 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

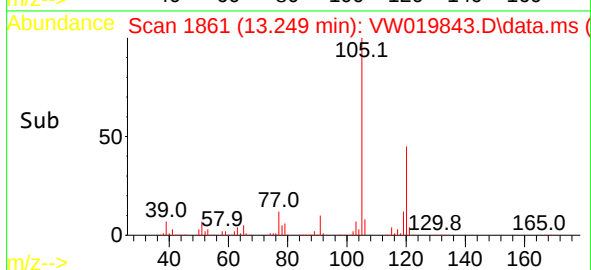
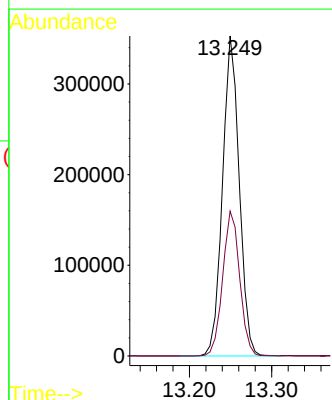
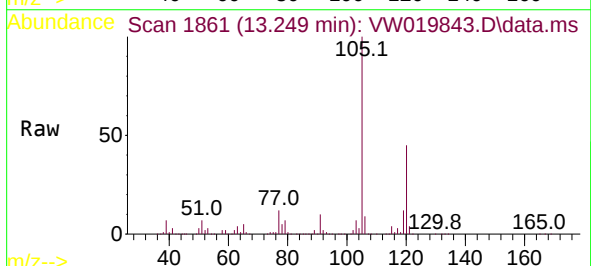
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

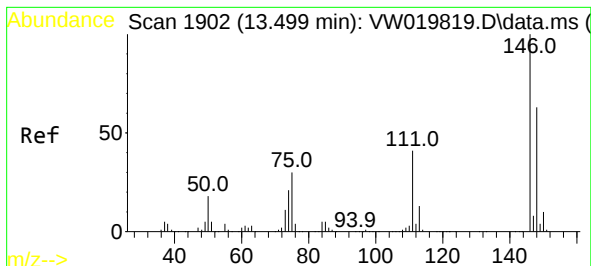
Tgt Ion:105 Resp: 495880
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.883 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion:105 Resp: 499502
Ion Ratio Lower Upper
105 100
120 46.0 35.6 53.4

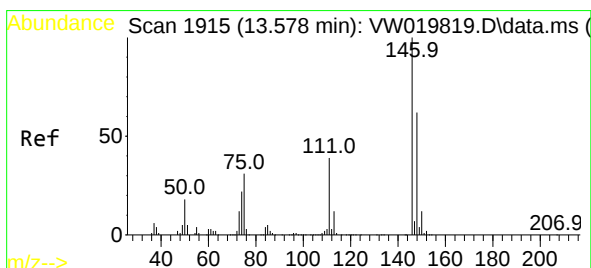
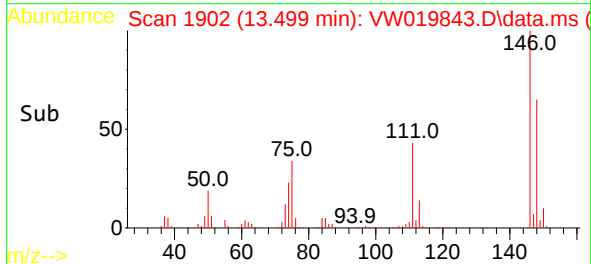
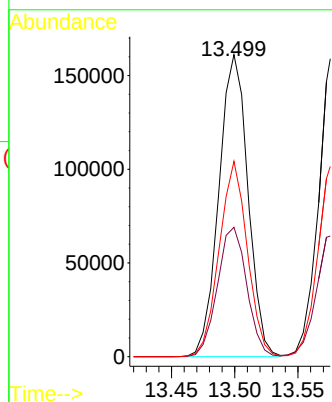
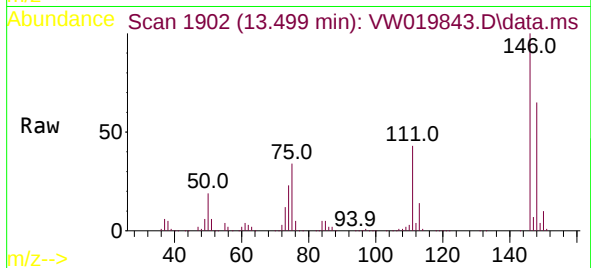




#64
1,3-Dichlorobenzene
Concen: 25.129 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

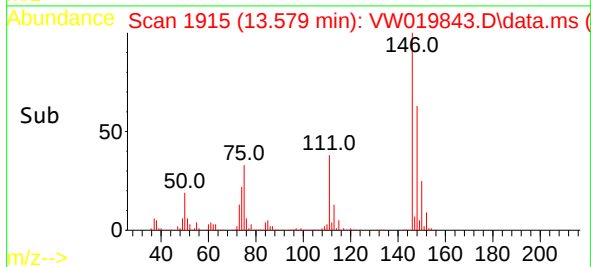
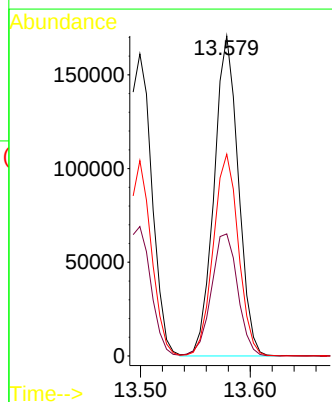
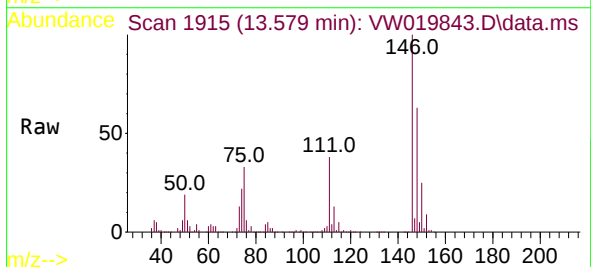
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

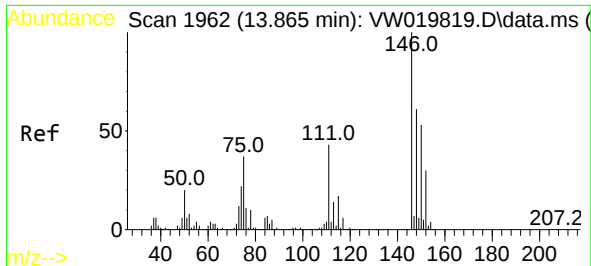
Tgt Ion:146 Resp: 257311
Ion Ratio Lower Upper
146 100
111 42.8 26.7 49.7
148 64.7 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.015 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion:146 Resp: 263280
Ion Ratio Lower Upper
146 100
111 38.1 28.8 53.4
148 63.1 46.8 87.0

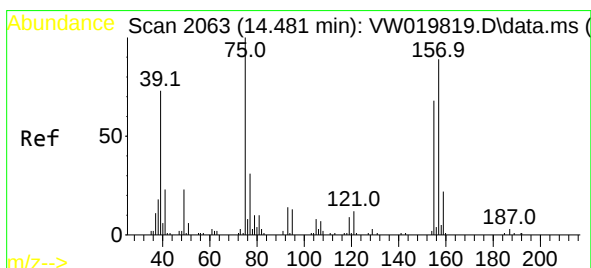
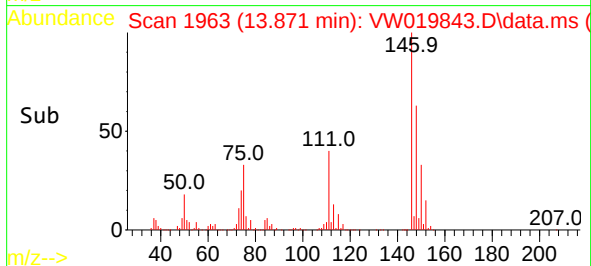
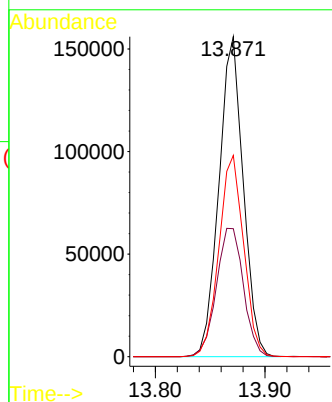
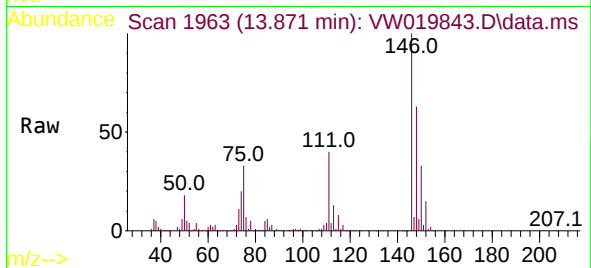




#67
1,2-Dichlorobenzene
Concen: 25.868 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

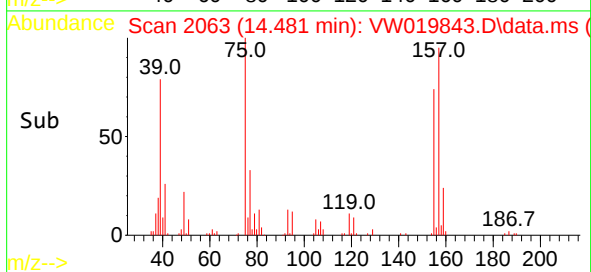
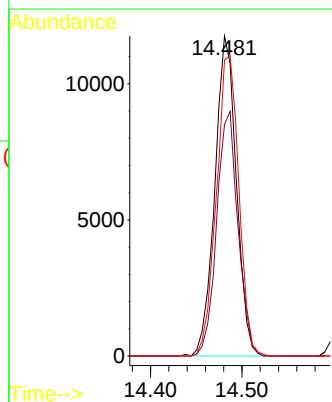
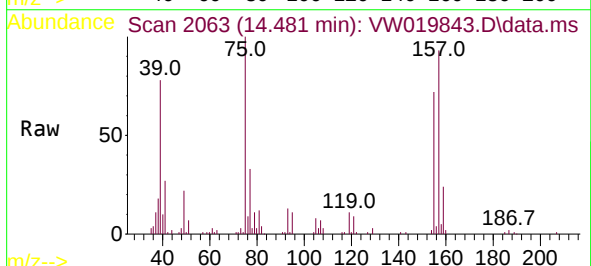
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

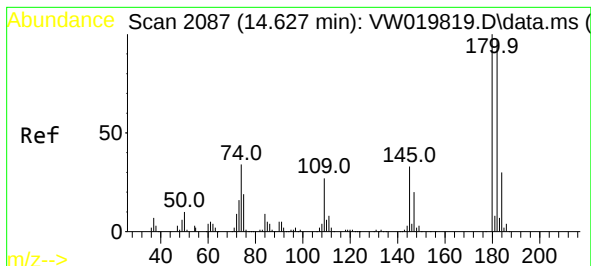
Tgt Ion:146 Resp: 240530
Ion Ratio Lower Upper
146 100
111 40.0 33.2 49.8
148 62.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.518 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion: 75 Resp: 19211
Ion Ratio Lower Upper
75 100
155 72.3 59.4 89.0
157 92.6 72.2 108.2

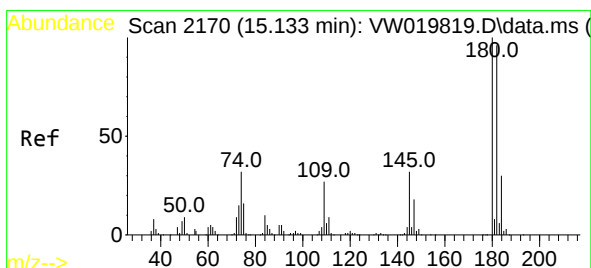
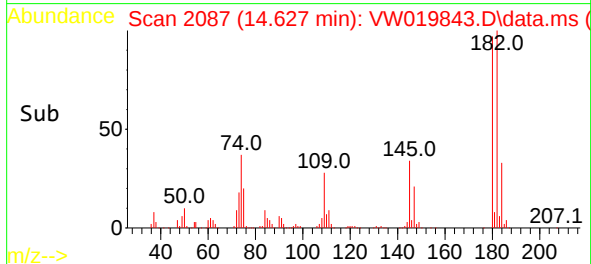
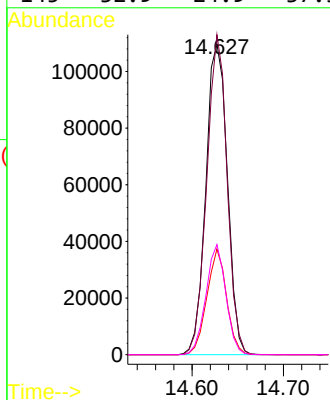
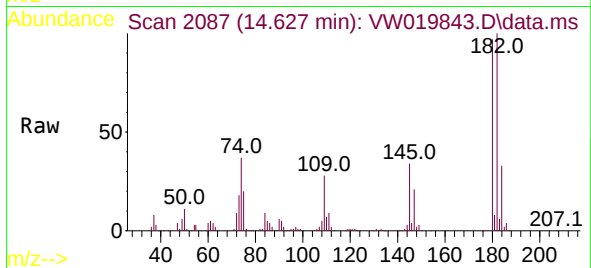




#69
1,3,5-Trichlorobenzene
Concen: 25.366 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

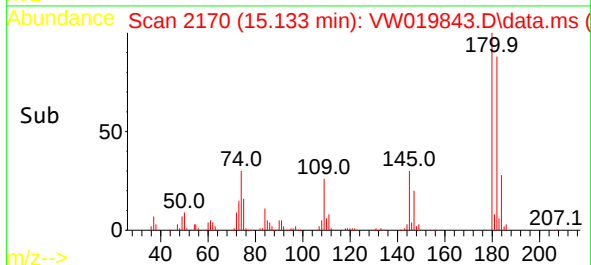
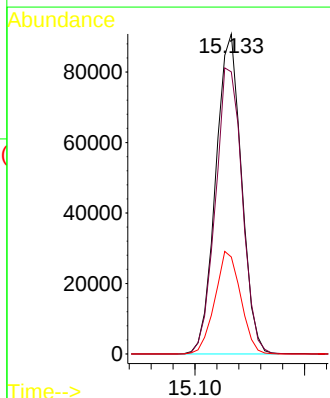
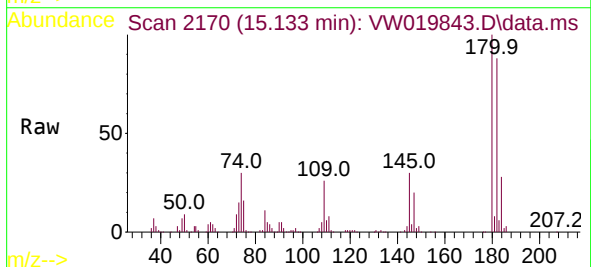
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

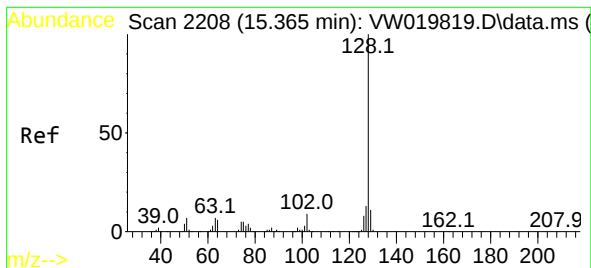
Tgt Ion:	180	Resp:	178962
Ion Ratio	Lower	Upper	
180	100		
182	97.4	73.4	110.2
184	31.3	23.6	35.4
145	32.9	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 27.386 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

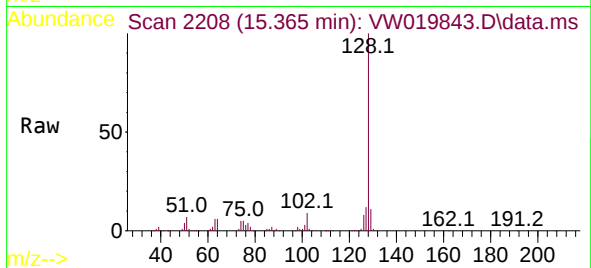
Tgt Ion:	180	Resp:	148470
Ion Ratio	Lower	Upper	
180	100		
182	92.8	74.7	112.1
145	32.0	25.0	37.4



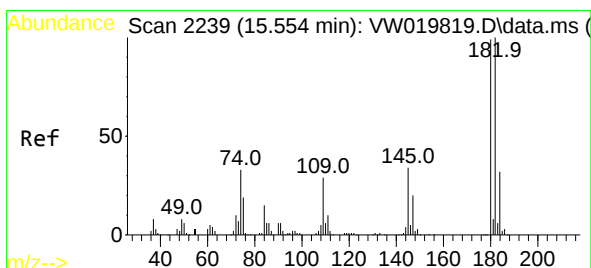
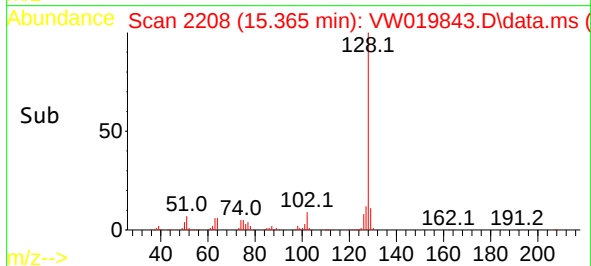
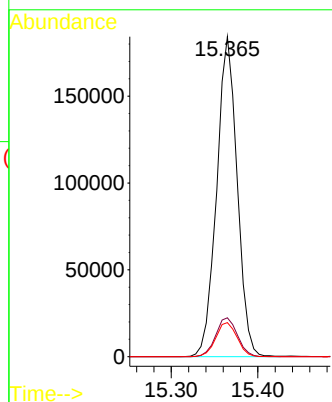


#71
Naphthalene
Concen: 28.019 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519



Tgt Ion:128 Resp: 302952
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.1 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 27.098 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019843.D
Acq: 23 Aug 2021 09:02

Tgt Ion:180 Resp: 136035
Ion Ratio Lower Upper
180 100
182 94.1 76.7 115.1
145 34.2 28.9 43.3

