

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018568.D
 Acq On : 06 Apr 2021 16:18
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Apr 07 01:15:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 01:12:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	491802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	478108	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	248615	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166602	24.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.36%		
7) Chloroethane-d5	2.891	69	143997	24.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.16%		
10) 1,1-Dichloroethene-d2	4.025	63	281804	23.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.40%		
20) 2-Butanone-d5	7.080	46	80389	52.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.52%		
24) Chloroform-d	7.647	84	329027	26.27	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.08%		
26) 1,2-Dichloroethane-d4	8.305	65	187589	25.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.60%		
29) Benzene-d6	8.275	84	596420	23.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.88%		
33) 1,2-Dichloropropane-d6	9.274	67	180633	24.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.56%		
37) Toluene-d8	10.323	98	584997	23.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.60%		
38) trans-1,3-Dichloroprop...	10.579	79	84519	22.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.40%		
39) 2-Hexanone-d5	10.927	63	70635	49.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.46%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	175163	26.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	209112	23.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	123234	21.82	ug/L	89
3) Chloromethane	2.215	50	162382	22.81	ug/L	98
5) Vinyl chloride	2.367	62	243586	26.05	ug/L	100
6) Bromomethane	2.782	94	167875	24.86	ug/L	98
8) Chloroethane	2.928	64	147896	25.37	ug/L	95
9) Trichlorofluoromethane	3.263	101	123753	26.31	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	169006	27.94	ug/L	99
12) 1,1-Dichloroethene	4.044	96	164529	26.65	ug/L	99
13) Acetone	4.129	43	51932	47.45	ug/L	96
14) Carbon disulfide	4.391	76	472603	25.42	ug/L	99
15) Methyl Acetate	4.672	43	69608	27.80	ug/L	96
16) Methylene chloride	4.922	84	178841	22.17	ug/L	91
17) Methyl tert-butyl Ether	5.428	73	232817	25.81	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	178467	26.19	ug/L	95
19) 1,1-Dichloroethane	6.220	63	312144	26.84	ug/L	96
21) 2-Butanone	7.171	43	88720	51.02	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	192972	26.92	ug/L	98
23) Bromochloromethane	7.513	128	90935	28.66	ug/L	89
25) Chloroform	7.677	83	339539	27.51	ug/L	99
27) 1,2-Dichloroethane	8.403	62	237972	27.18	ug/L	99

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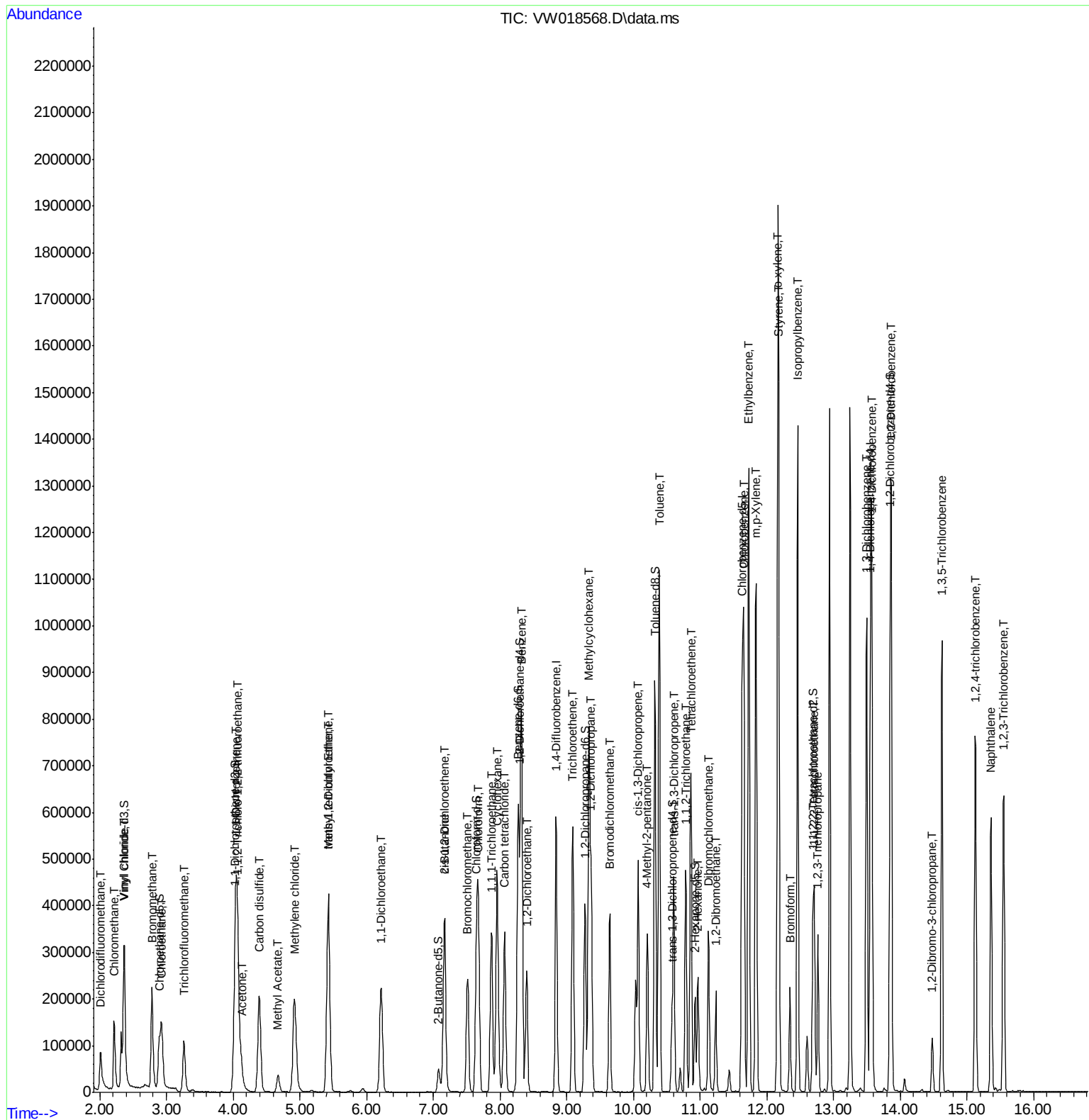
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	269364	23.73	ug/L	95
31) 1,1,1-Trichloroethane	7.878	97	270929	25.35	ug/L	98
32) Carbon tetrachloride	8.067	117	261216	26.23	ug/L	99
34) Benzene	8.323	78	711594	25.70	ug/L	100
35) Trichloroethene	9.091	95	194720	25.45	ug/L	98
36) Methylcyclohexane	9.335	83	327466	24.45	ug/L	98
40) 1,2-Dichloropropane	9.366	63	172132	25.41	ug/L	98
41) Bromodichloromethane	9.646	83	249804	26.09	ug/L	93
42) cis-1,3-Dichloropropene	10.073	75	286811	25.04	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	211953	52.04	ug/L	96
44) Toluene	10.390	91	827454	26.29	ug/L	95
45) trans-1,3-Dichloropropene	10.610	75	253382	24.64	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	145557	26.95	ug/L	99
47) Tetrachloroethene	10.866	164	147898	25.46	ug/L	92
49) 2-Hexanone	10.969	43	145209	50.38	ug/L	98
50) Dibromochloromethane	11.128	129	171278	26.90	ug/L	94
51) 1,2-Dibromoethane	11.237	107	141429	26.44	ug/L	95
52) Chlorobenzene	11.658	112	518131	25.96	ug/L	99
53) Ethylbenzene	11.731	91	940557	26.50	ug/L	99
54) m,p-Xylene	11.841	106	347230	25.60	ug/L	98
55) o-xylene	12.164	106	338477	26.18	ug/L	99
56) Styrene	12.182	104	575900	26.12	ug/L	95
57) Isopropylbenzene	12.463	105	920356	26.17	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	177840	27.21	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	134265	27.21	ug/L	100
62) Bromoform	12.347	173	93931	24.64	ug/L #	96
63) 1,3-Dichlorobenzene	13.499	146	400664	25.18	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	401711	25.02	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	362984	25.52	ug/L	94
66) 1,2-Dibromo-3-chloropr...	14.481	75	29407	22.88	ug/L #	90
67) 1,3,5-Trichlorobenzene	14.627	180	284102	24.76	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	238173	24.39	ug/L	96
69) Naphthalene	15.365	128	501974	24.69	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	206120	24.19	ug/L	98

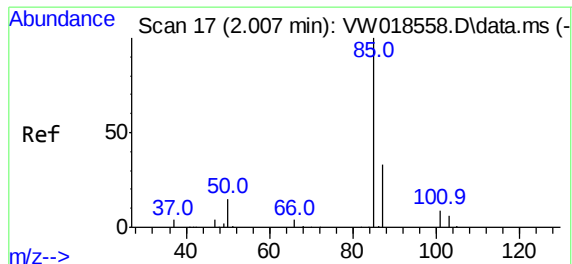
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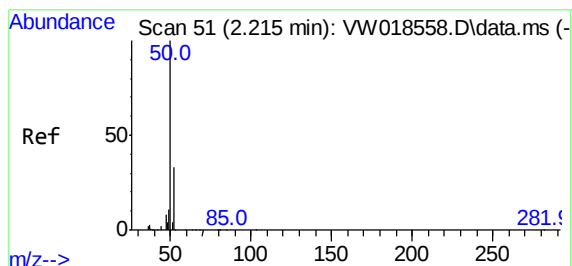
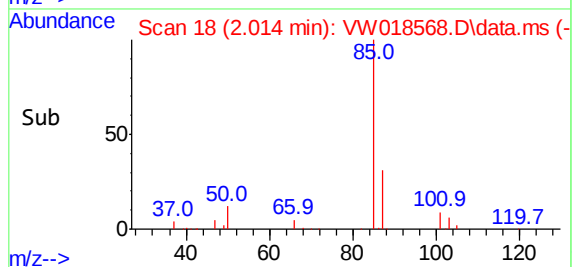
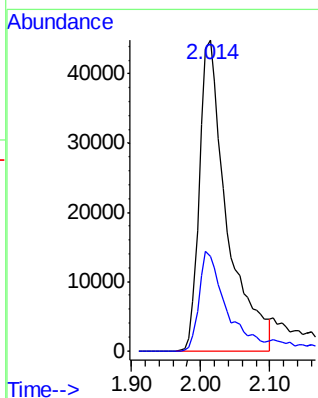
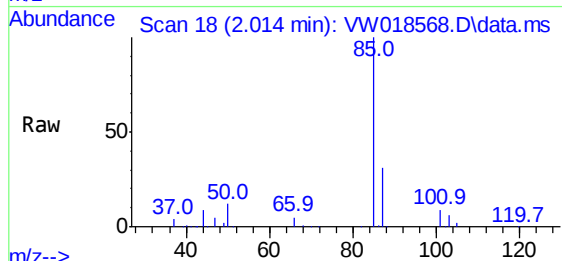




#2
Dichlorodifluoromethane
Concen: 21.82 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

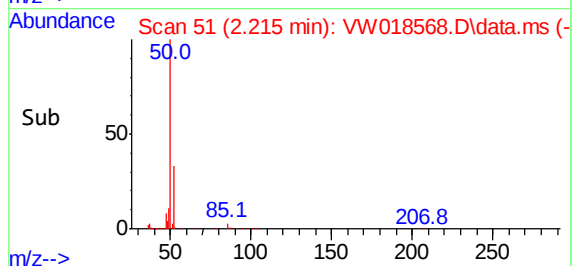
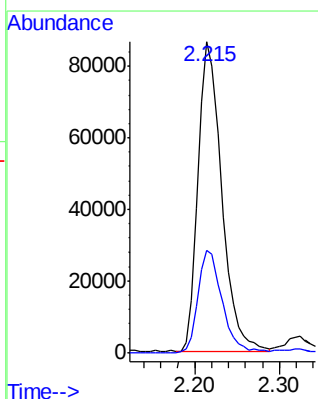
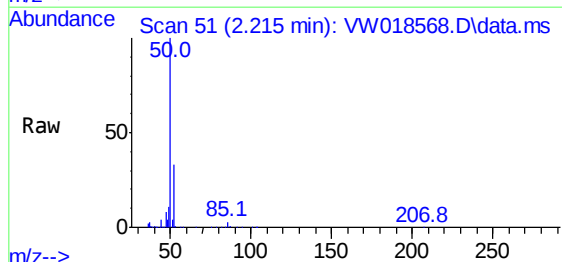
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MSVOA_W
ClientSampleId :
VSTD02507

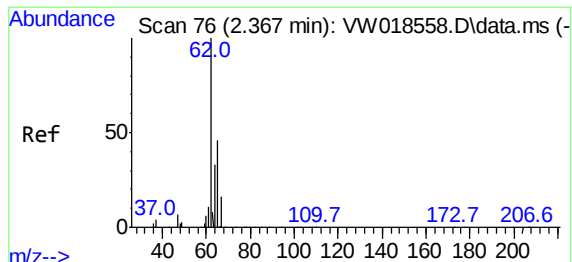
Tgt Ion: 85 Resp: 123234
Ion Ratio Lower Upper
85 100
87 25.6 22.2 41.2



#3
Chloromethane
Concen: 22.81 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 50 Resp: 162382
Ion Ratio Lower Upper
50 100
52 32.7 23.7 43.9

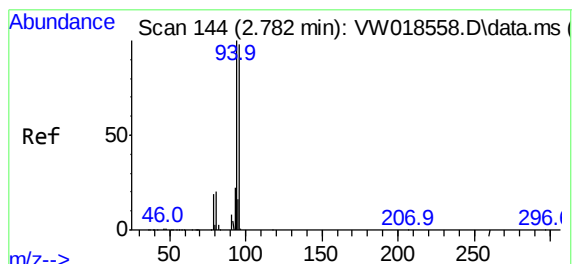
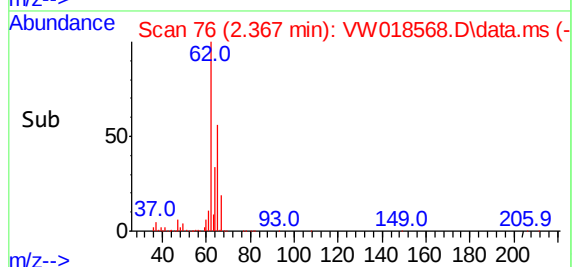
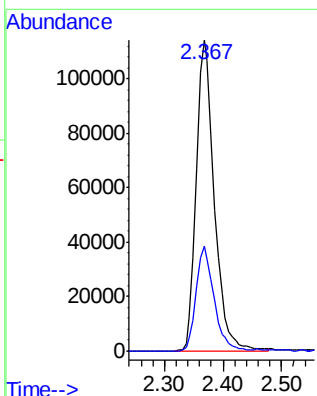
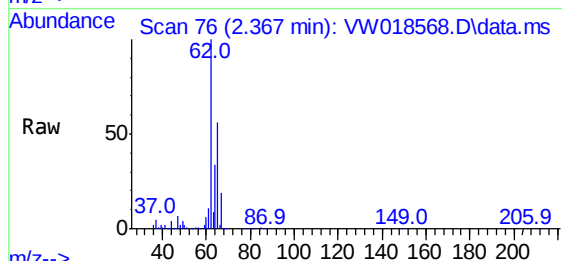




#5
 Vinyl chloride
 Concen: 26.05 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

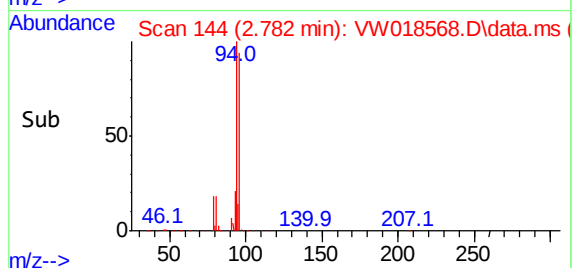
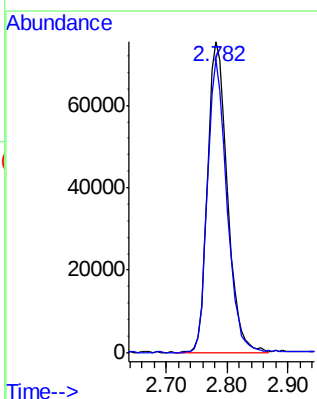
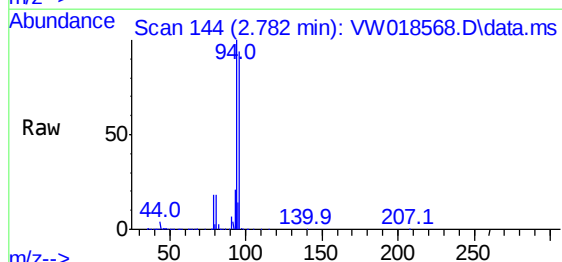
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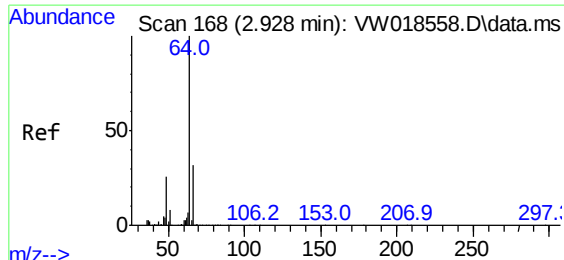
Tgt Ion: 62 Resp: 243586
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.5 43.7



#6
 Bromomethane
 Concen: 24.86 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

Tgt Ion: 94 Resp: 167875
 Ion Ratio Lower Upper
 94 100
 96 92.4 9.4 179.4

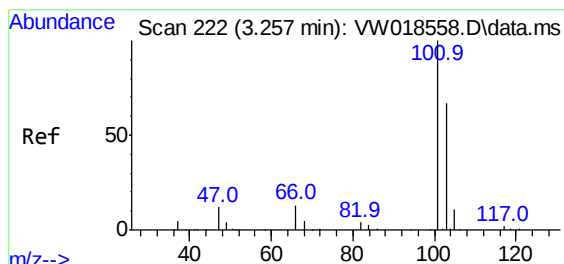
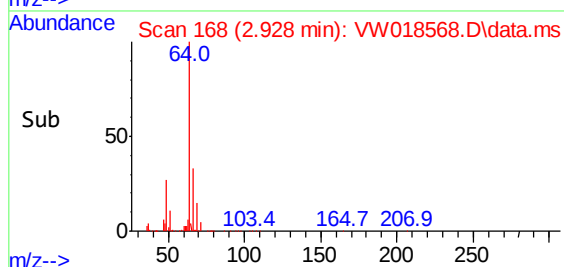
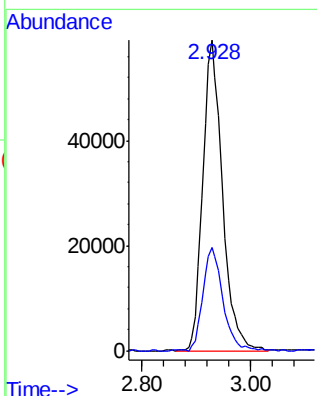
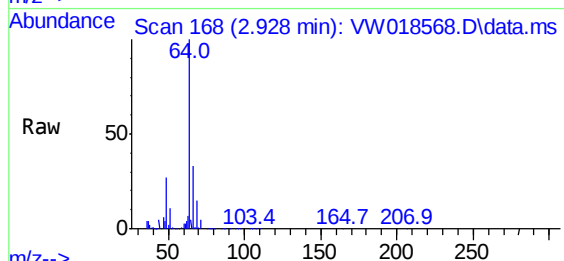




#8
Chloroethane
Concen: 25.37 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

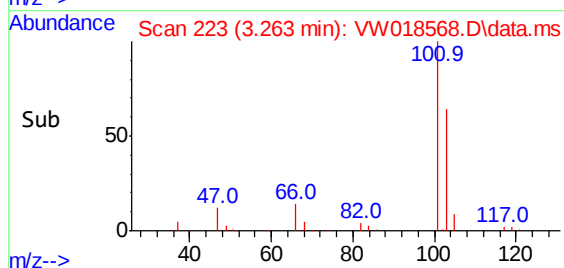
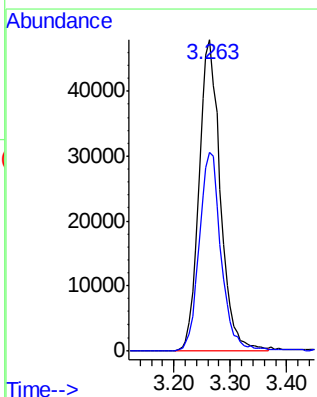
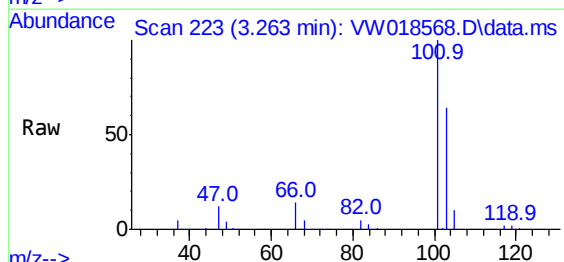
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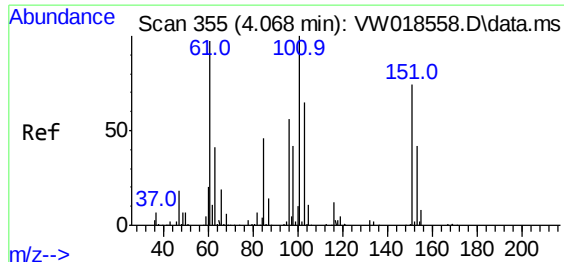
Tgt Ion: 64 Resp: 147896
Ion Ratio Lower Upper
64 100
66 33.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.31 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion:101 Resp: 123753
Ion Ratio Lower Upper
101 100
103 64.3 45.6 84.8



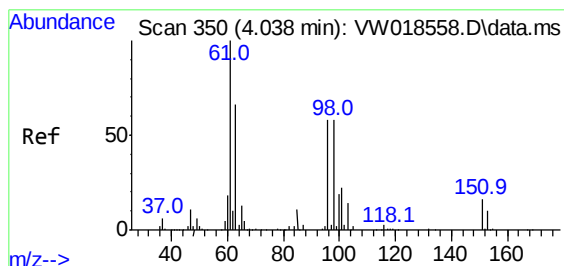
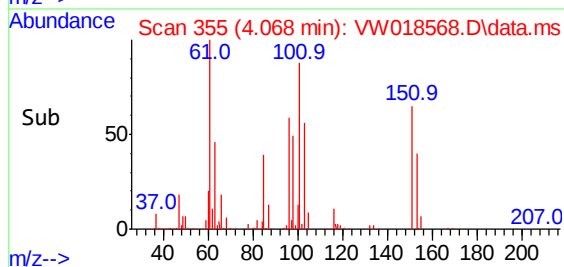
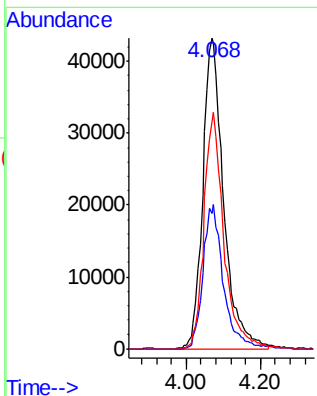
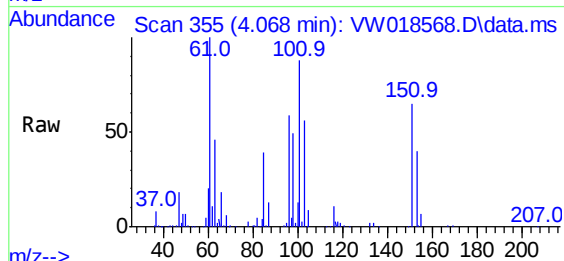


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.94 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 169006

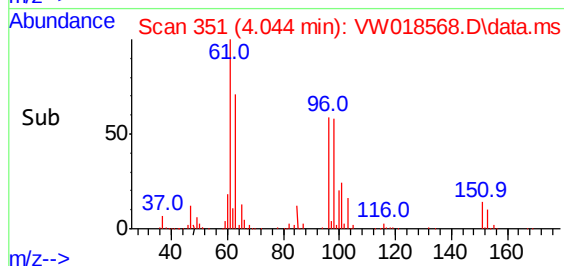
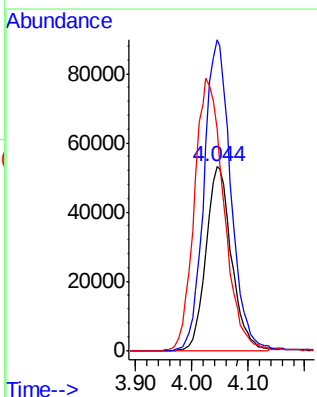
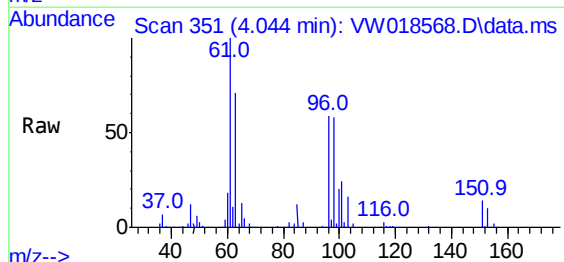
Ion	Ratio	Lower	Upper
101	100		
85	45.0	35.6	53.4
151	72.0	58.1	87.1

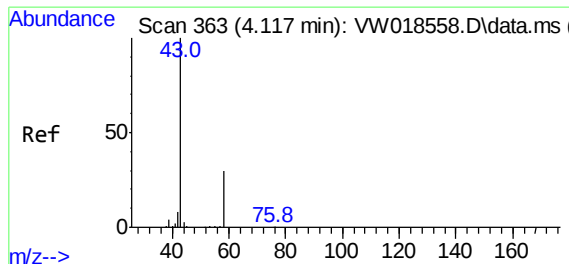


#12
 1,1-Dichloroethene
 Concen: 26.65 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

Tgt Ion: 96 Resp: 164529

Ion	Ratio	Lower	Upper
96	100		
61	169.3	118.6	220.2
63	120.9	82.4	153.0

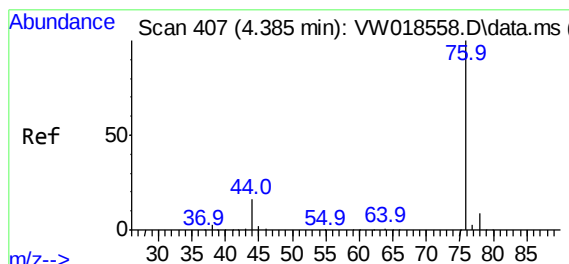
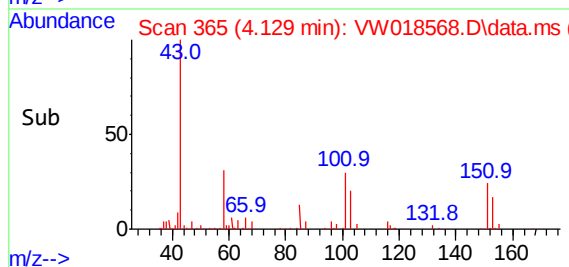
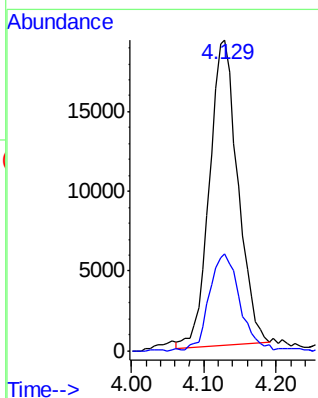
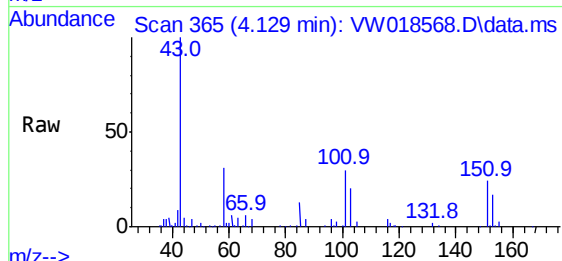




#13
Acetone
Concen: 47.45 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

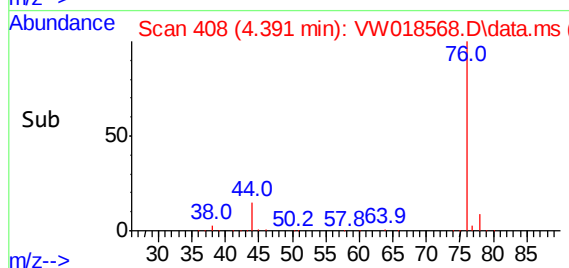
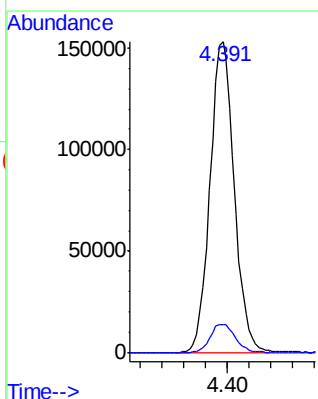
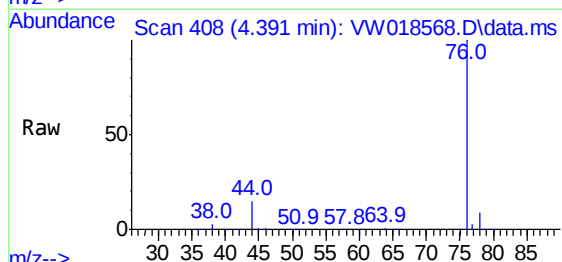
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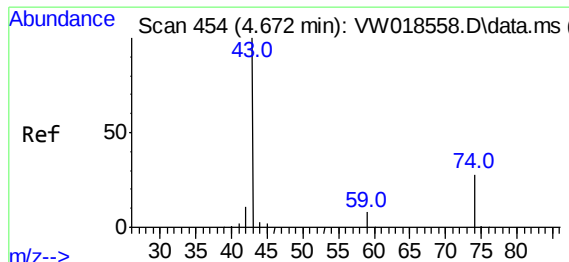
Tgt Ion: 43 Resp: 51932
Ion Ratio Lower Upper
43 100
58 33.2 0.0 62.2



#14
Carbon disulfide
Concen: 25.42 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018568.D
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Tgt Ion: 76 Resp: 472603
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

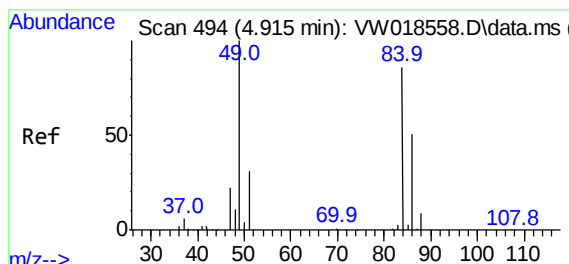
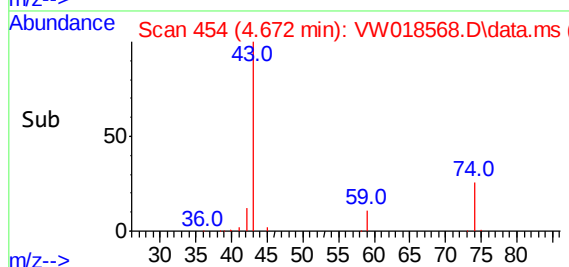
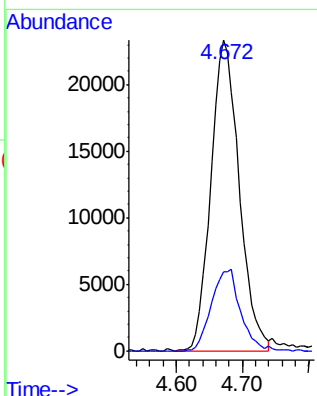
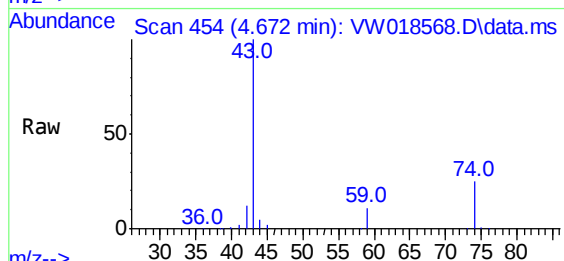




#15
Methyl Acetate
Concen: 27.80 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

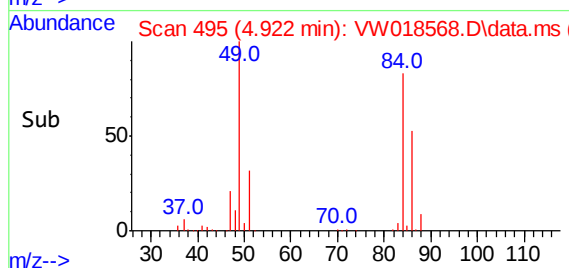
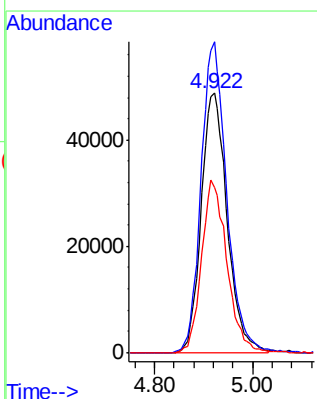
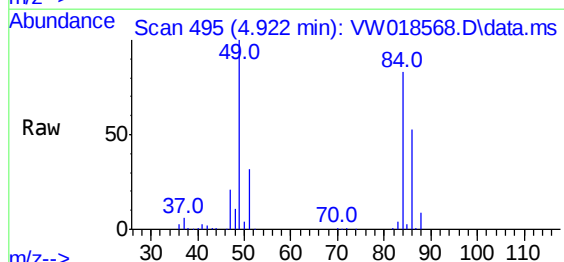
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

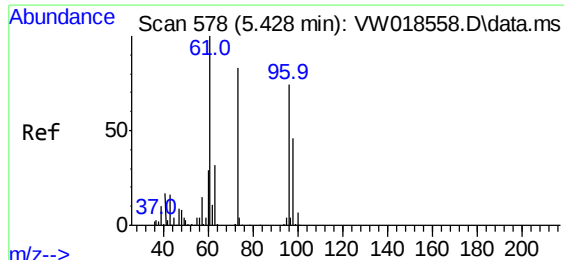
Tgt Ion: 43 Resp: 69608
Ion Ratio Lower Upper
43 100
74 26.6 22.9 34.3



#16
Methylene chloride
Concen: 22.17 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 84 Resp: 178841
Ion Ratio Lower Upper
84 100
49 119.9 74.4 138.2
86 63.8 46.1 85.7

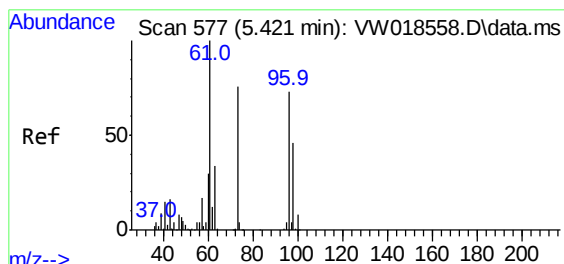
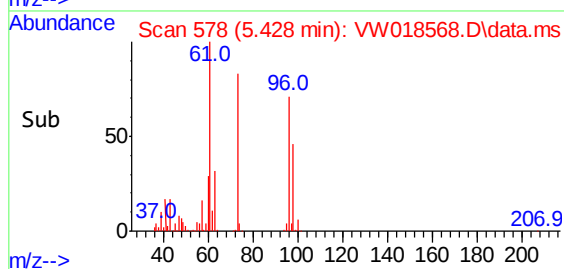
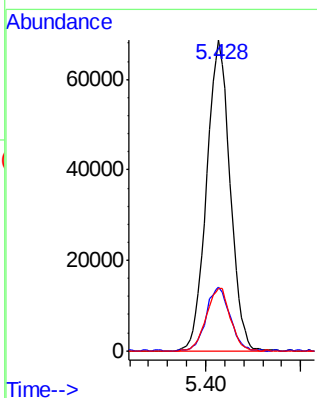
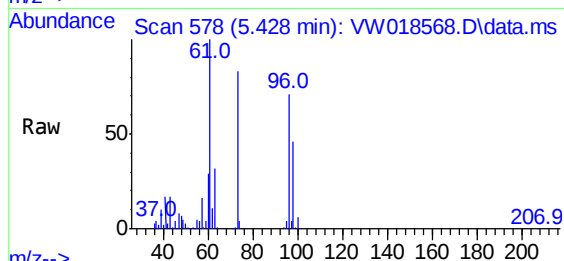




#17
Methyl tert-butyl Ether
Concen: 25.81 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

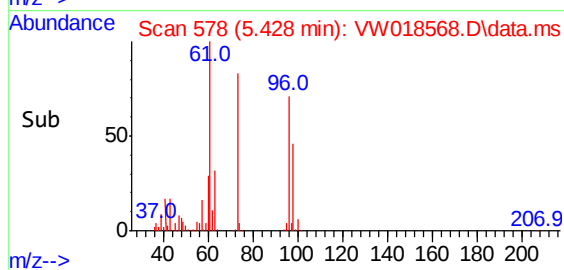
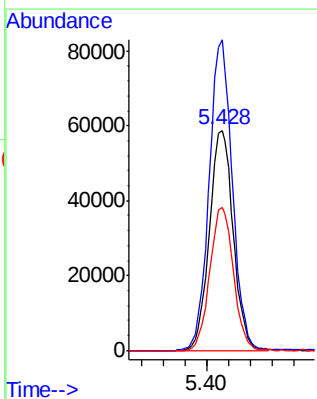
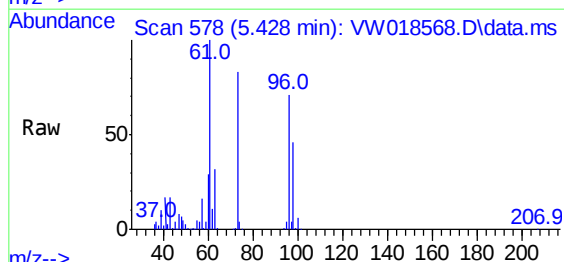
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

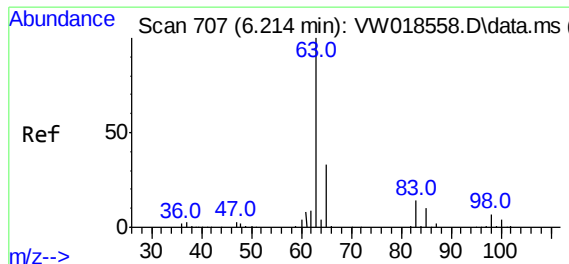
Tgt Ion: 73 Resp: 232817
Ion Ratio Lower Upper
73 100
43 20.8 16.6 24.8
57 20.5 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 26.19 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 96 Resp: 178467
Ion Ratio Lower Upper
96 100
61 141.2 93.3 173.3
98 65.0 45.2 84.0

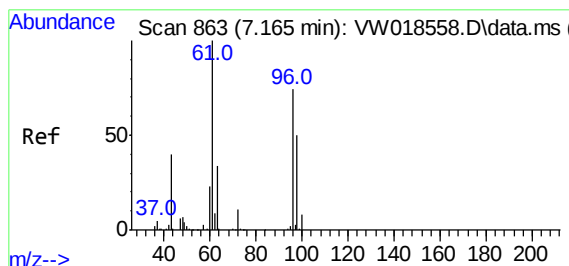
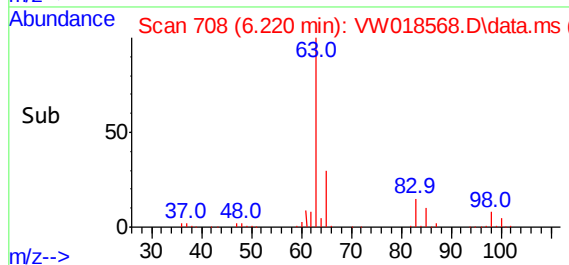
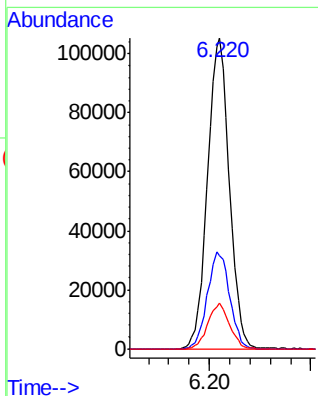
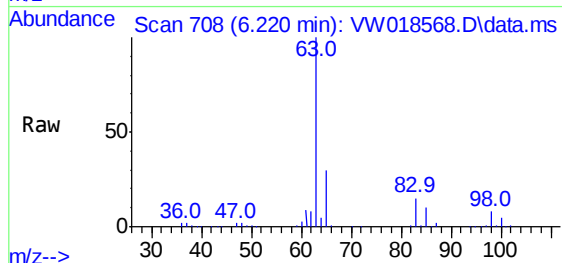




#19
1,1-Dichloroethane
Concen: 26.84 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

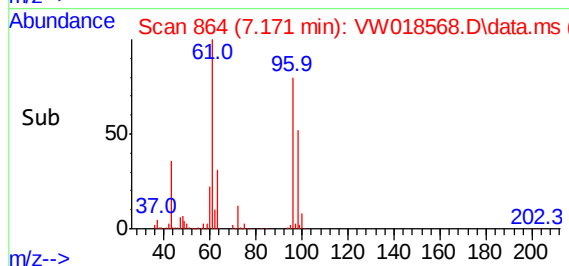
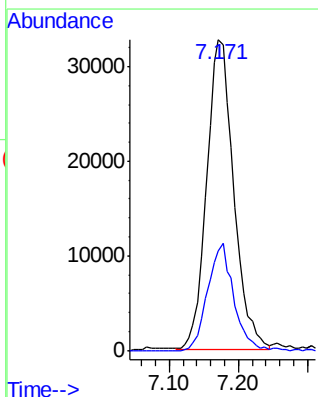
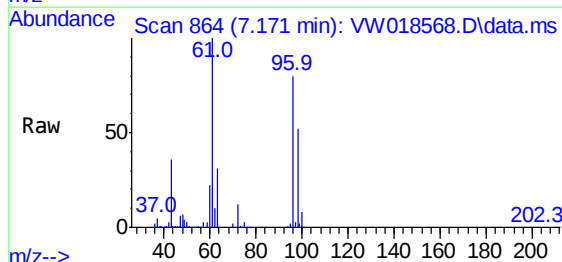
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

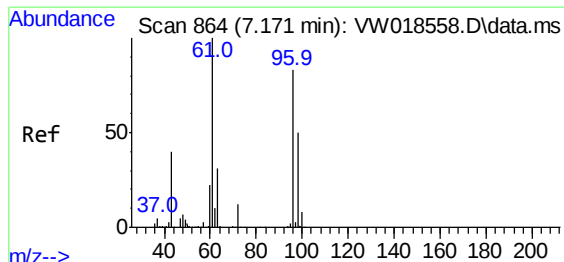
Tgt Ion: 63 Resp: 312144
Ion Ratio Lower Upper
63 100
65 30.0 23.5 43.7
83 14.7 10.3 19.1



#21
2-Butanone
Concen: 51.02 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 43 Resp: 88720
Ion Ratio Lower Upper
43 100
72 32.8 16.5 49.5



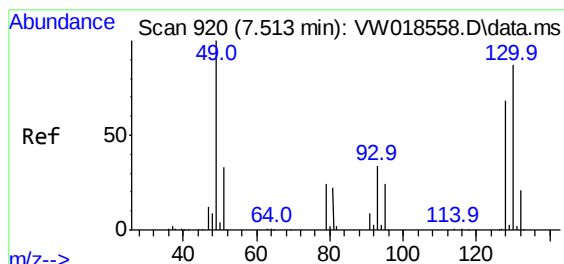
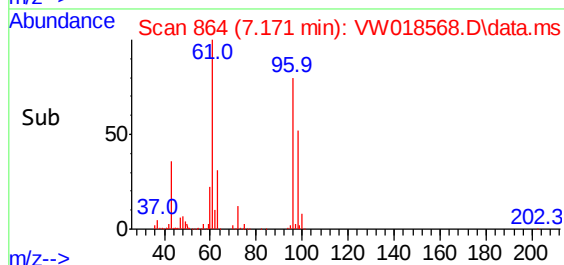
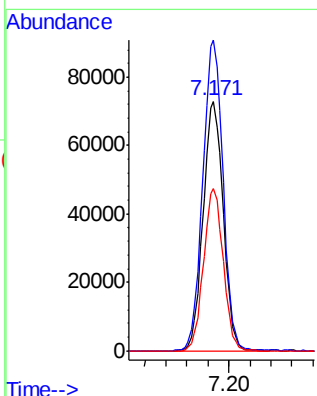
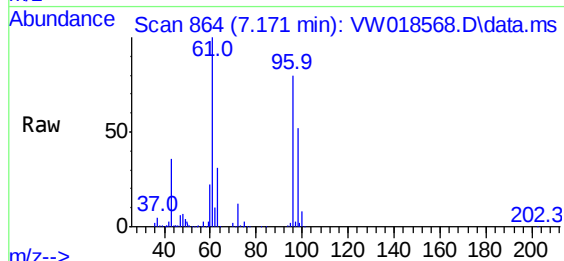


#22
 cis-1,2-Dichloroethene
 Concen: 26.92 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Tgt Ion: 96 Resp: 192972

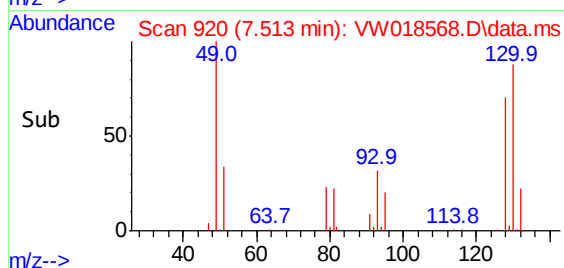
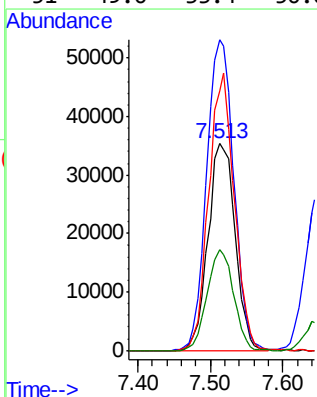
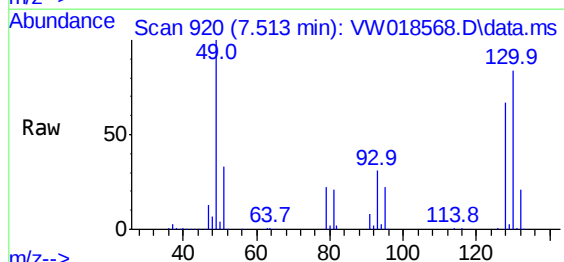
Ion	Ratio	Lower	Upper
96	100		
61	124.6	84.8	157.6
98	65.3	45.1	83.9

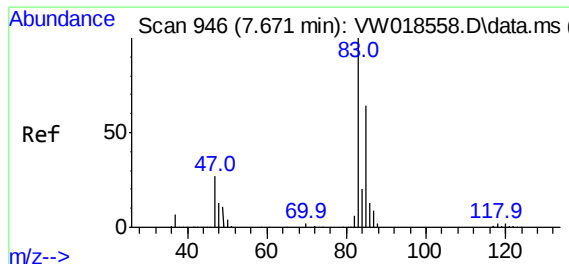


#23
 Bromochloromethane
 Concen: 28.66 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

Tgt Ion: 128 Resp: 90935

Ion	Ratio	Lower	Upper
128	100		
49	150.3	92.4	171.6
130	125.6	83.9	155.7
51	49.0	33.4	50.0

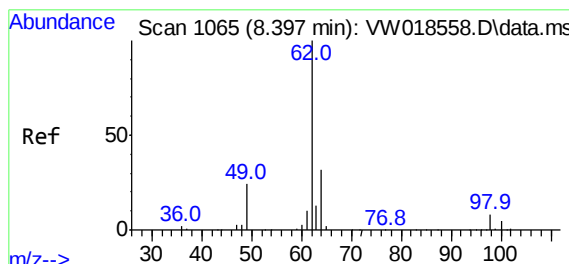
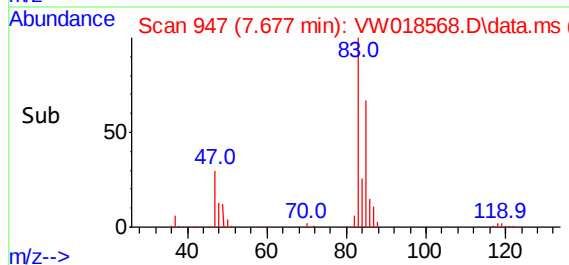
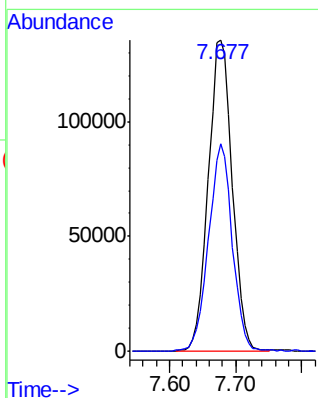
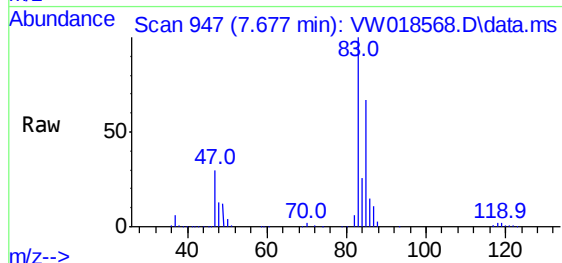




#25
Chloroform
Concen: 27.51 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

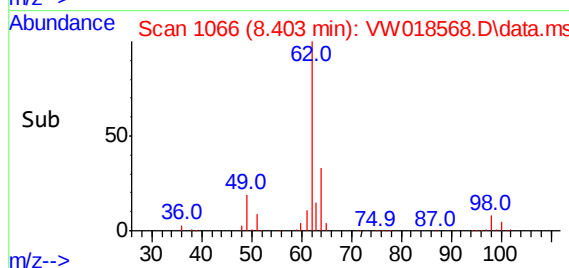
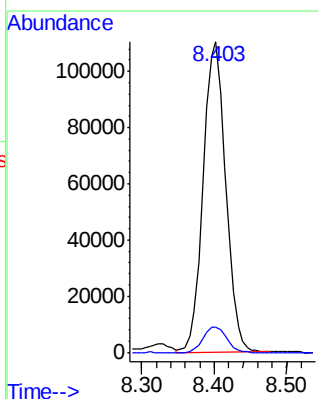
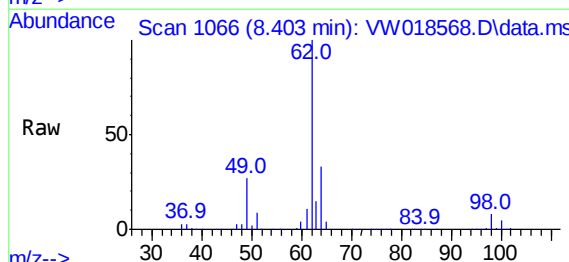
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

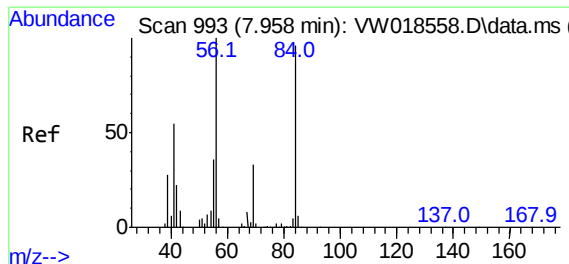
Tgt Ion: 83 Resp: 339539
Ion Ratio Lower Upper
83 100
85 65.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.18 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 62 Resp: 237972
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6



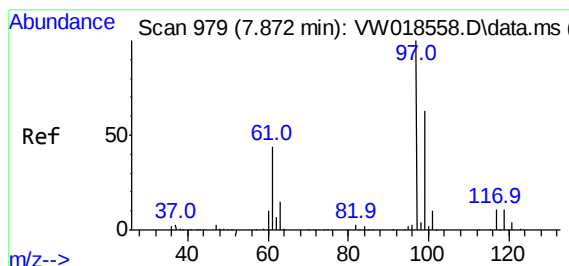
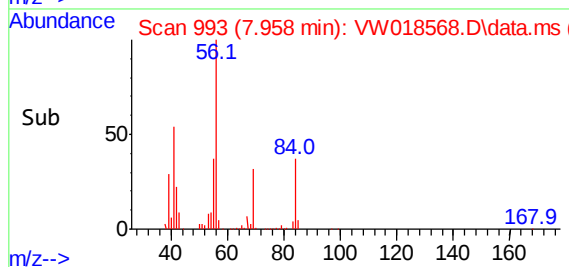
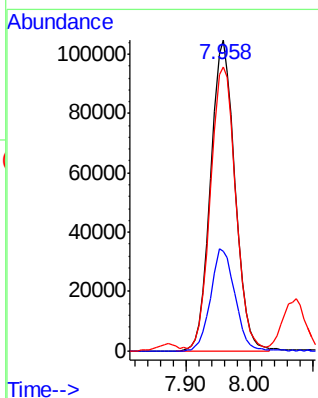
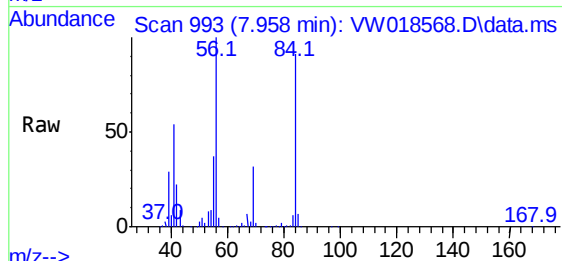


#30
Cyclohexane
Concen: 23.73 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 56 Resp: 269364

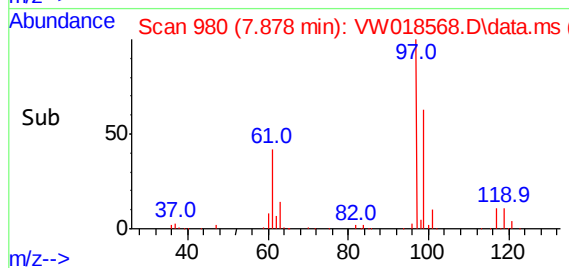
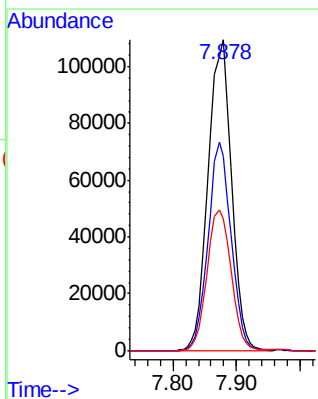
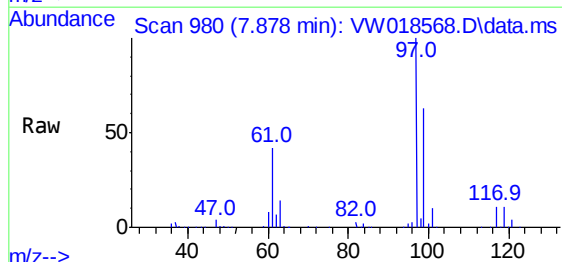
Ion	Ratio	Lower	Upper
56	100		
69	32.7	27.0	40.6
84	94.4	79.9	119.9

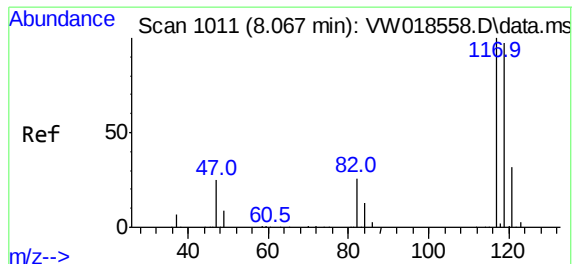


#31
1,1,1-Trichloroethane
Concen: 25.35 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 97 Resp: 270929

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	46.4	34.8	52.2

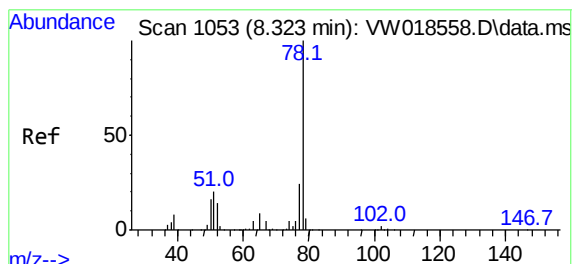
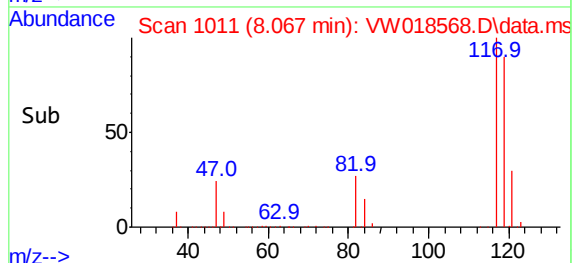
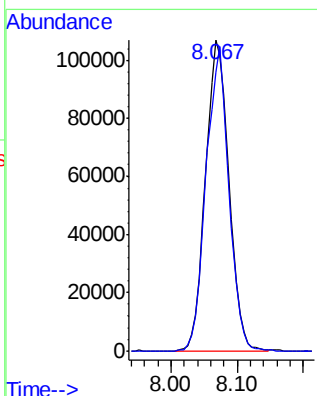
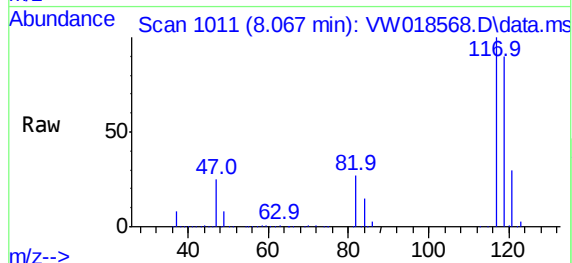




#32
Carbon tetrachloride
Concen: 26.23 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 16:18

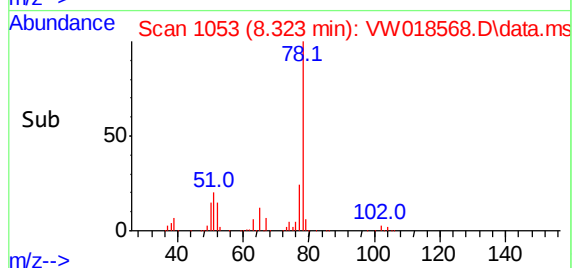
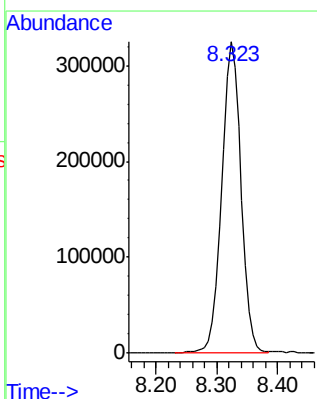
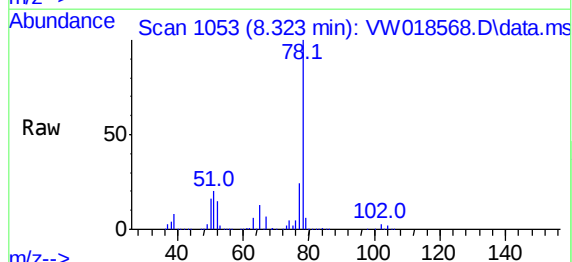
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

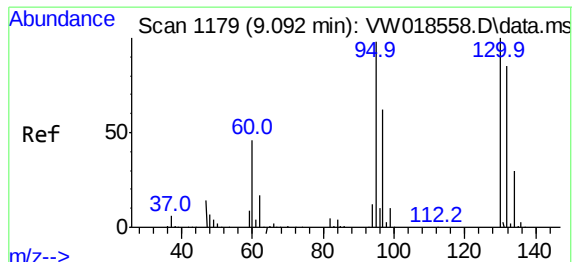
Tgt Ion:117 Resp: 261216
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1



#34
Benzene
Concen: 25.70 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 78 Resp: 711594

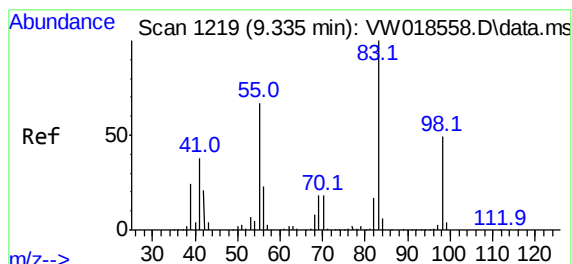
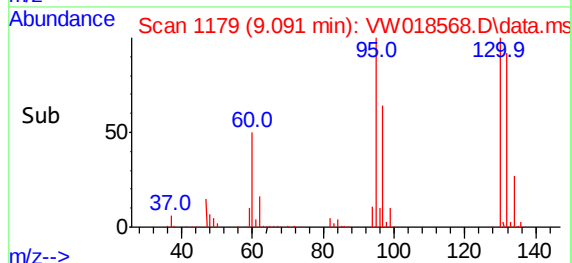
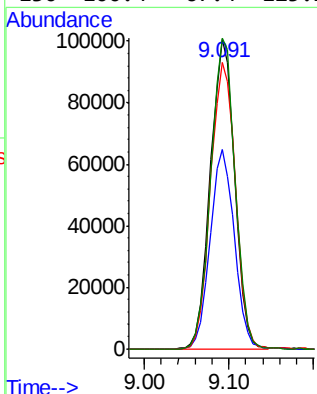
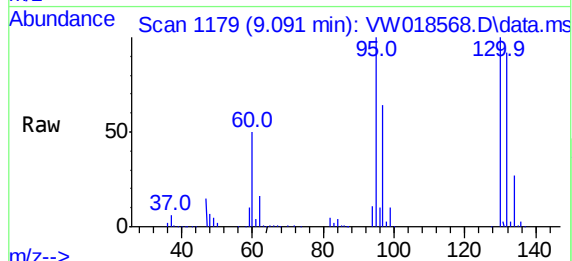




#35
Trichloroethene
Concen: 25.45 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

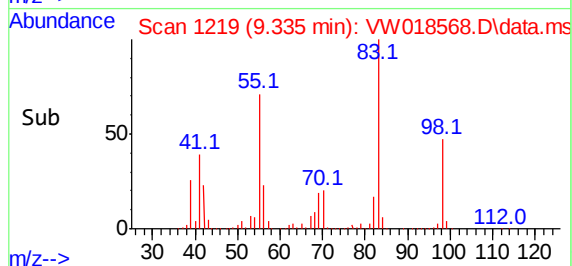
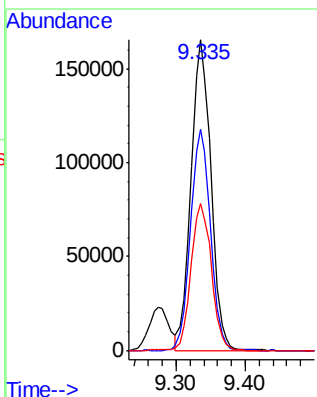
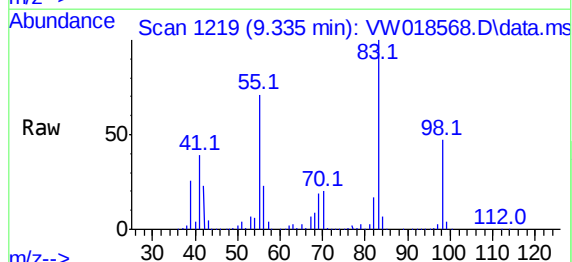
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

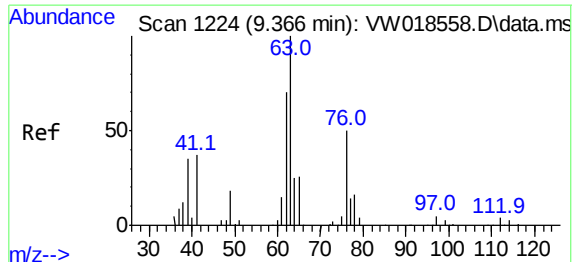
Tgt Ion: 95 Resp: 194720
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 95.0 65.9 122.5
130 100.4 67.4 125.2



#36
Methylcyclohexane
Concen: 24.45 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 83 Resp: 327466
Ion Ratio Lower Upper
83 100
55 71.4 56.8 85.2
98 48.4 40.6 61.0

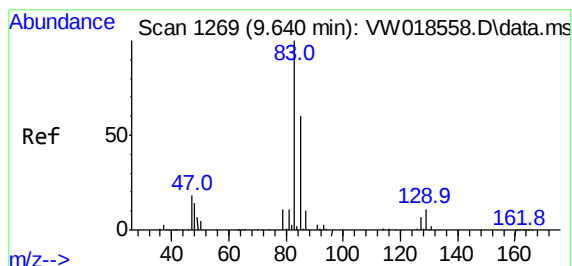
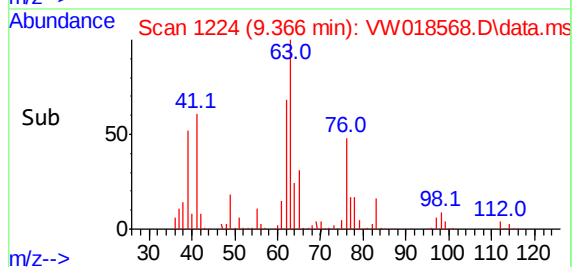
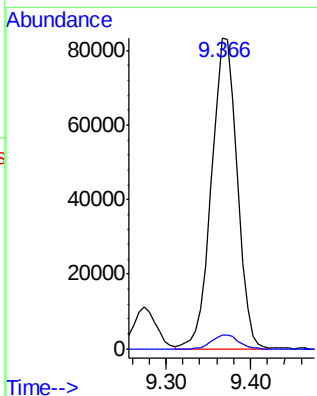
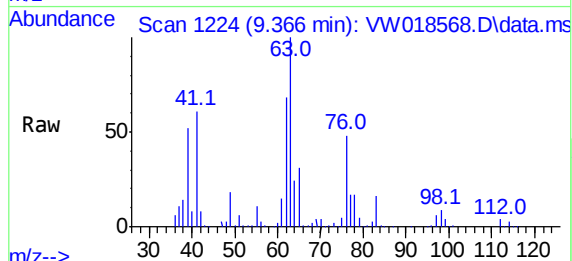




#40
1,2-Dichloropropane
Concen: 25.41 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

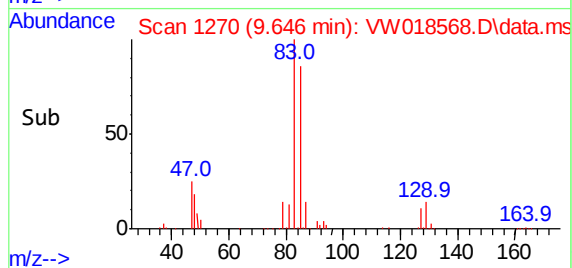
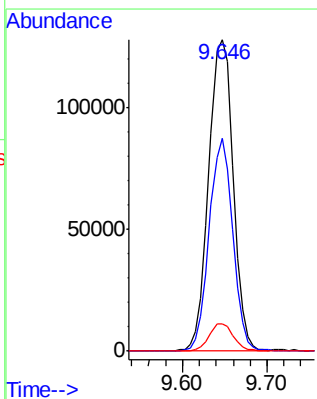
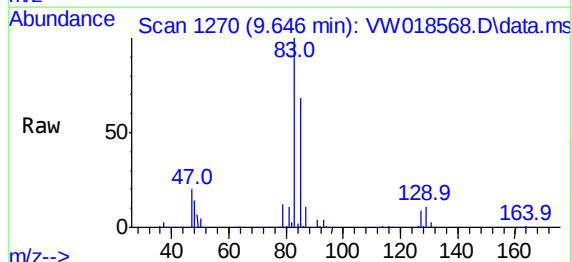
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

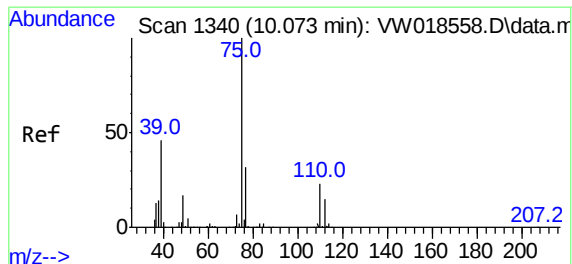
Tgt Ion: 63 Resp: 172132
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 26.09 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 83 Resp: 249804
Ion Ratio Lower Upper
83 100
85 68.5 43.8 81.4
127 8.6 6.9 10.3

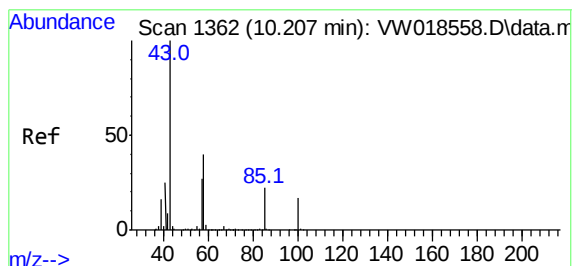
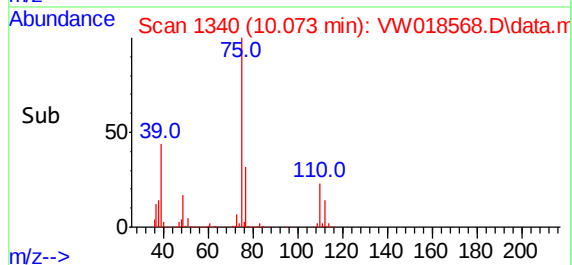
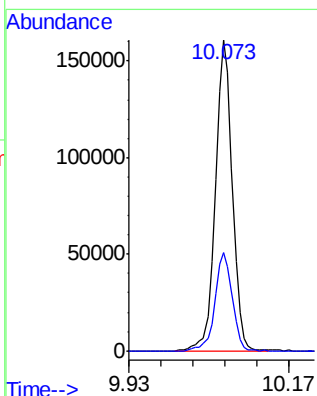
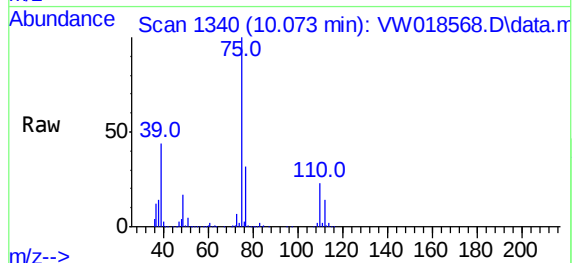




#42
cis-1,3-Dichloropropene
Concen: 25.04 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 16:18

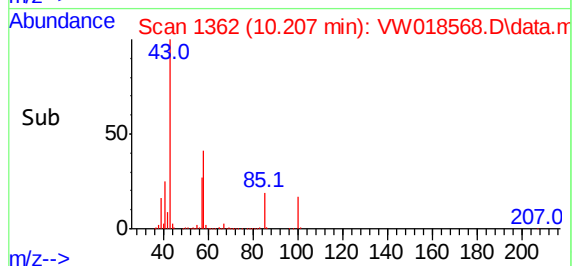
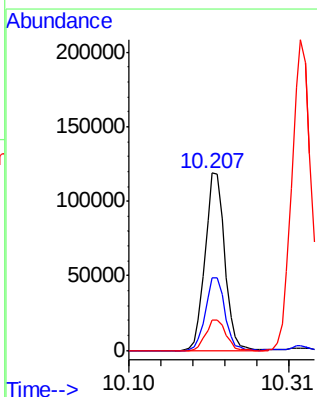
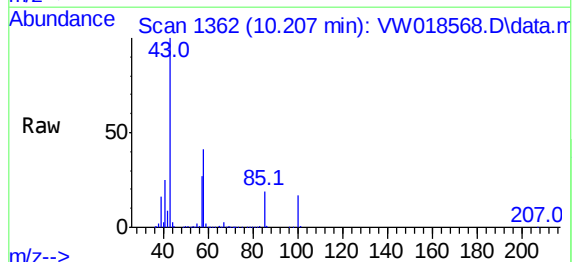
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

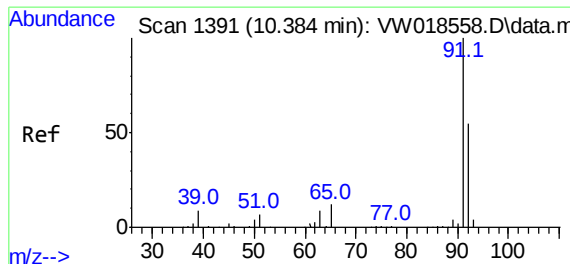
Tgt Ion: 75 Resp: 286811
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 52.04 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 43 Resp: 211953
Ion Ratio Lower Upper
43 100
58 40.9 34.8 52.2
100 17.7 15.9 23.9





#44

Toluene

Concen: 26.29 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018568.D

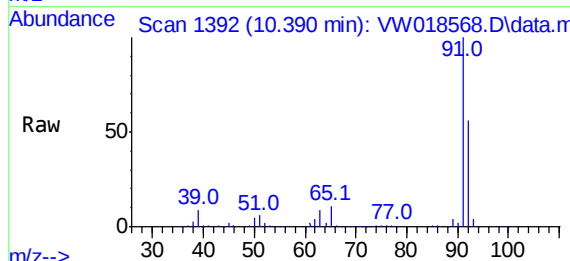
Acq: 06 Apr 2021 16:18

Tgt Ion: 91 Resp: 827454

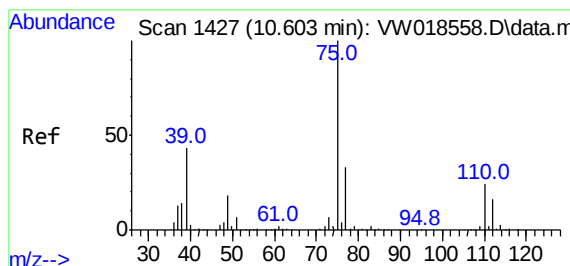
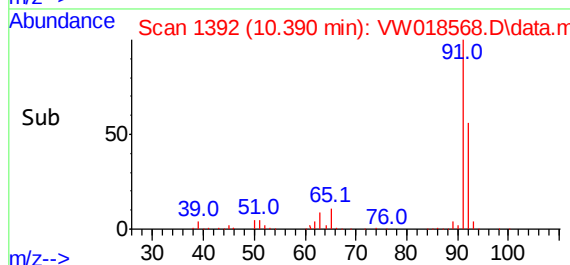
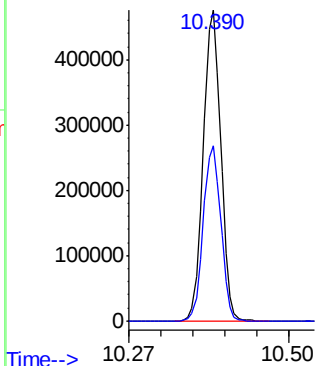
Ion Ratio Lower Upper

91 100

92 56.3 42.3 78.5



Abundance



#45

trans-1,3-Dichloropropene

Concen: 24.64 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW018568.D

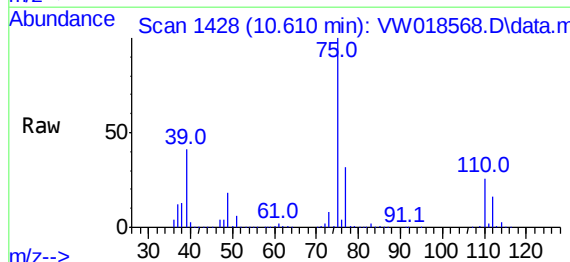
Acq: 06 Apr 2021 16:18

Tgt Ion: 75 Resp: 253382

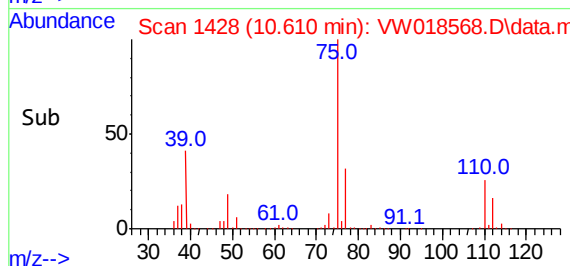
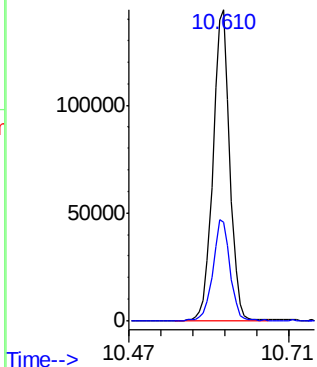
Ion Ratio Lower Upper

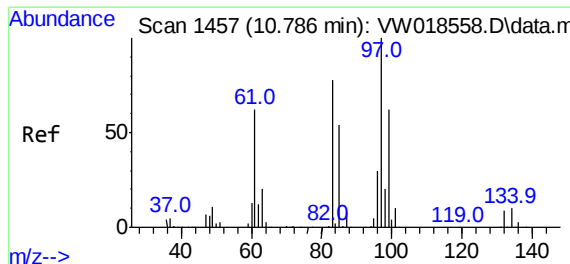
75 100

77 31.7 22.6 42.0



Abundance



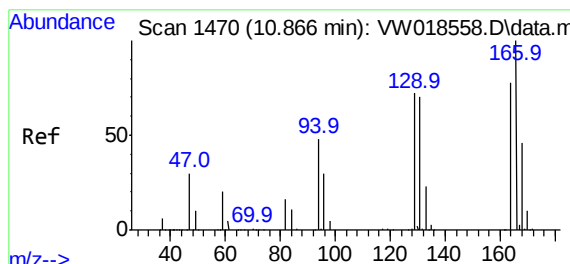
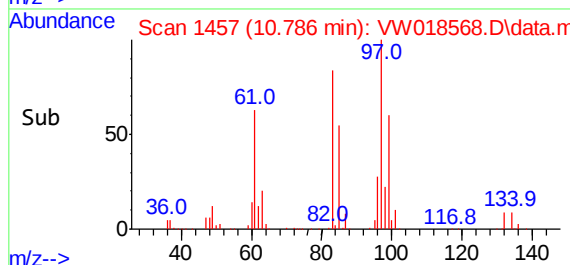
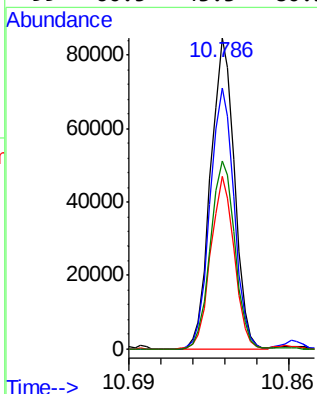
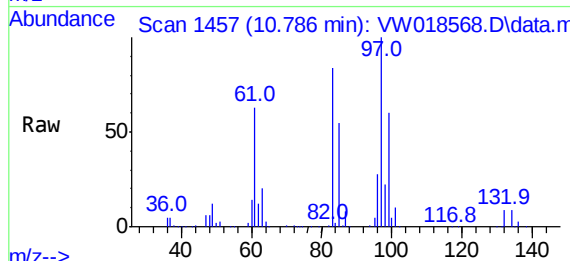


#46
1,1,2-Trichloroethane
Concen: 26.95 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 97 Resp: 145557

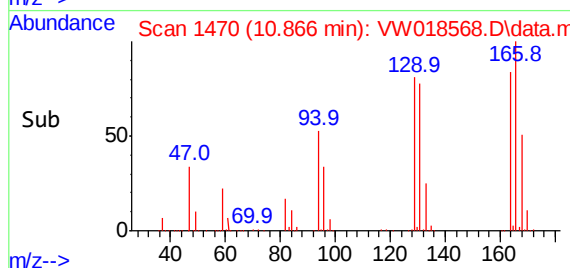
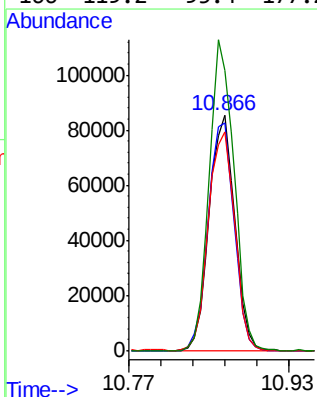
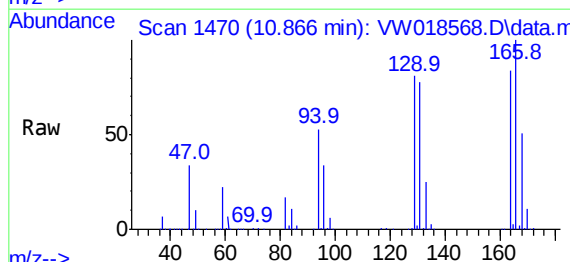
Ion	Ratio	Lower	Upper
97	100		
83	84.1	58.9	109.5
85	55.4	38.4	71.4
99	60.5	43.3	80.3

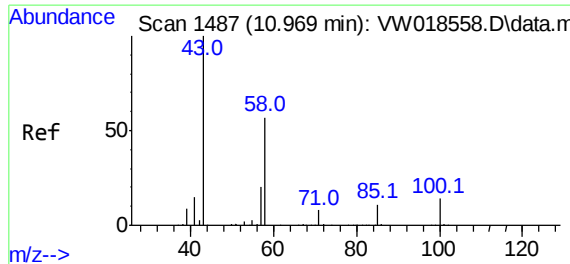


#47
Tetrachloroethene
Concen: 25.46 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 164 Resp: 147898

Ion	Ratio	Lower	Upper
164	100		
129	97.0	68.8	127.8
131	92.9	68.3	126.8
166	119.2	95.4	177.2



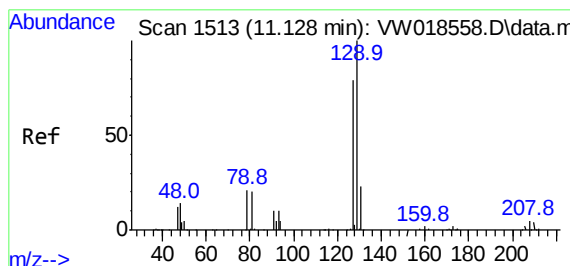
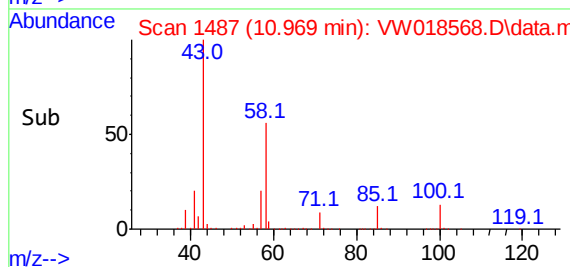
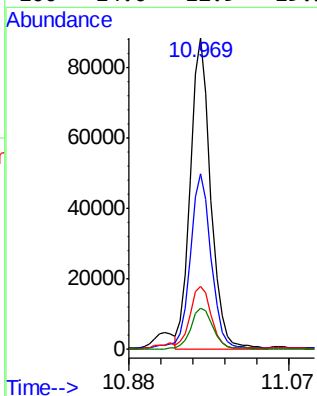
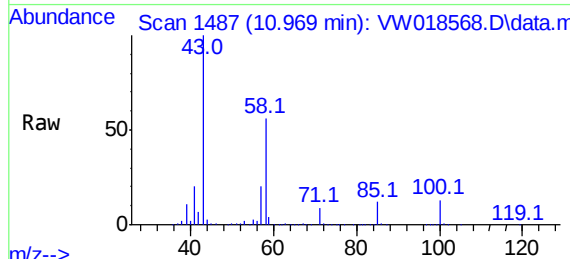


#49
2-Hexanone
Concen: 50.38 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 43 Resp: 145209

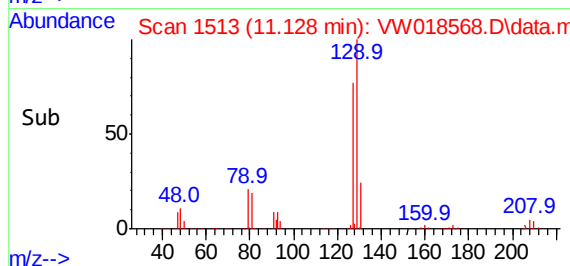
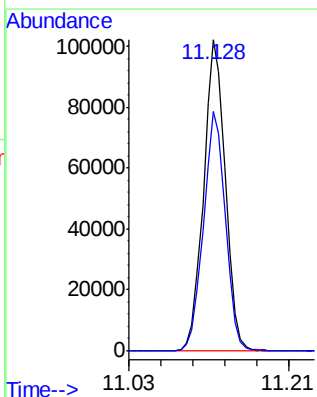
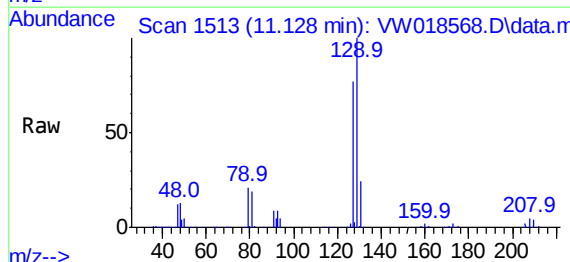
Ion	Ratio	Lower	Upper
43	100		
58	58.6	47.3	70.9
57	20.5	17.3	25.9
100	14.0	12.9	19.3

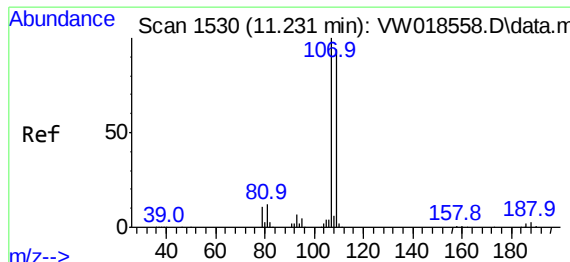


#50
Dibromochloromethane
Concen: 26.90 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 129 Resp: 171278

Ion	Ratio	Lower	Upper
129	100		
127	77.1	58.0	107.6

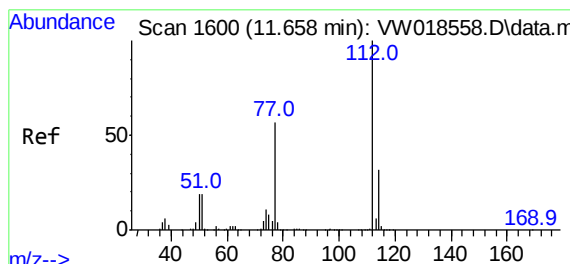
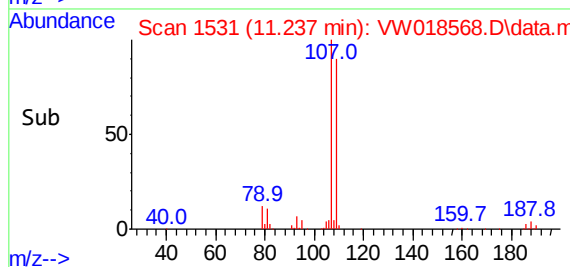
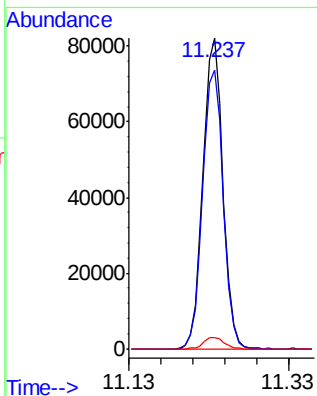
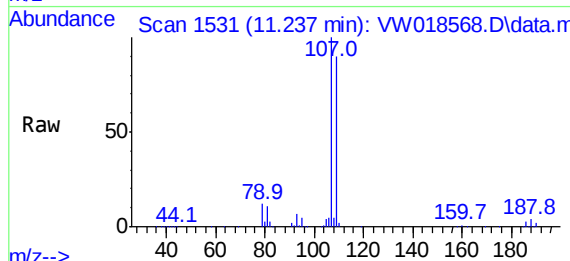




#51
1,2-Dibromoethane
Concen: 26.44 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

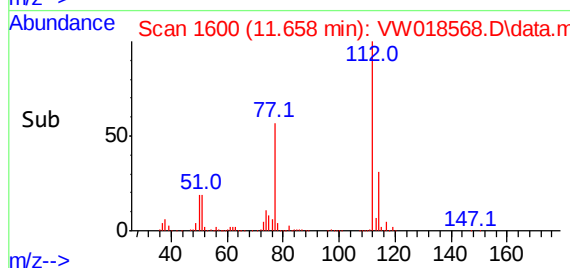
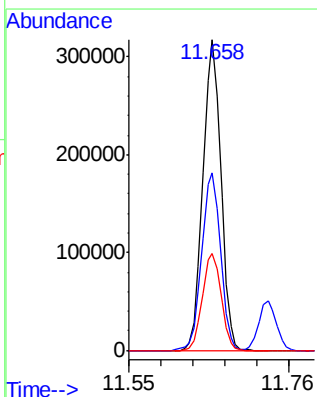
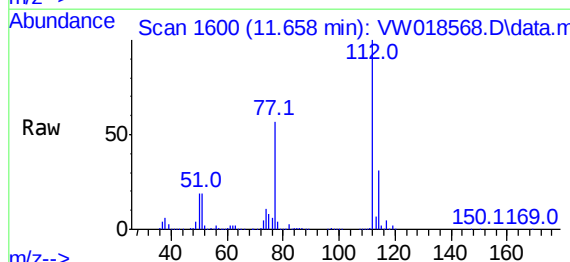
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

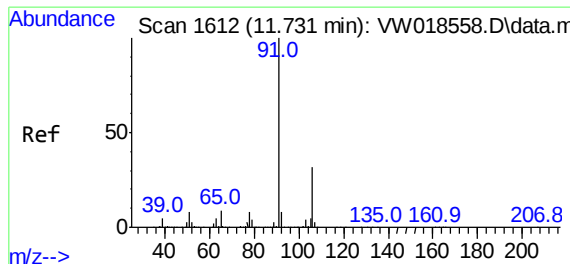
Tgt Ion:107 Resp: 141429
Ion Ratio Lower Upper
107 100
109 89.6 65.9 122.5
188 3.6 3.0 4.4



#52
Chlorobenzene
Concen: 25.96 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion:112 Resp: 518131
Ion Ratio Lower Upper
112 100
77 57.0 45.4 68.2
114 31.4 22.5 41.9

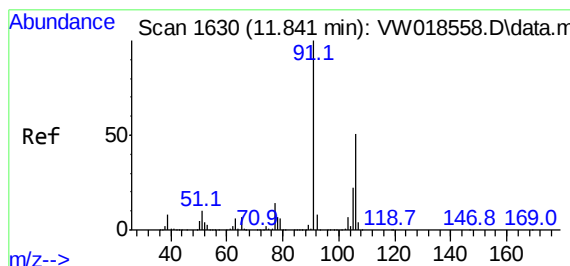
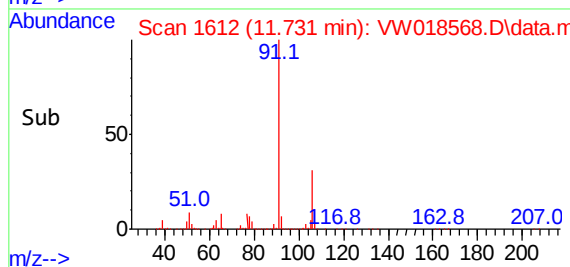
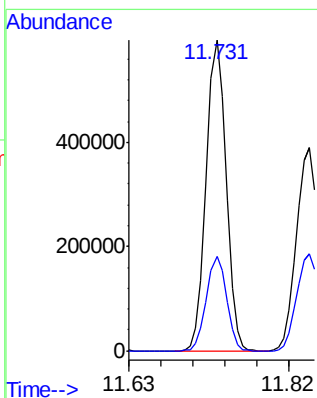
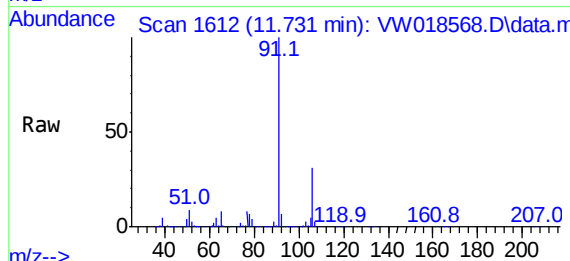




#53
Ethylbenzene
Concen: 26.50 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 16:18

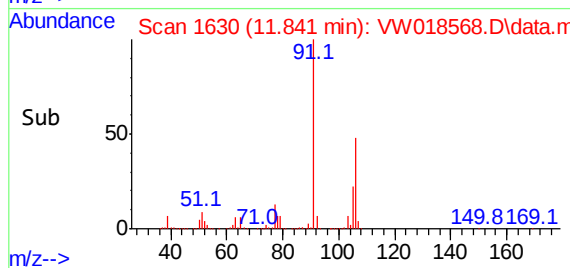
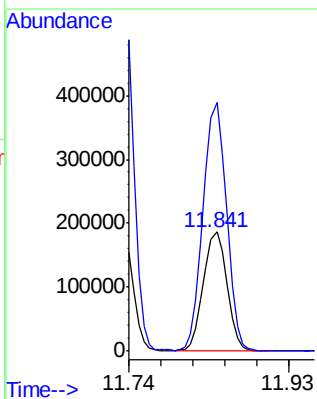
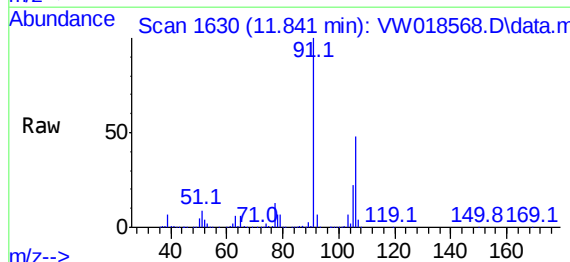
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

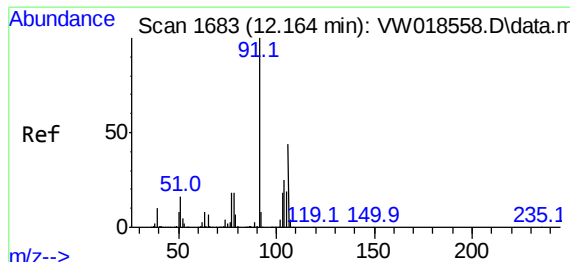
Tgt Ion: 91 Resp: 940557
Ion Ratio Lower Upper
91 100
106 30.6 21.7 40.3



#54
m,p-Xylene
Concen: 25.60 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 106 Resp: 347230
Ion Ratio Lower Upper
106 100
91 209.9 145.3 269.8

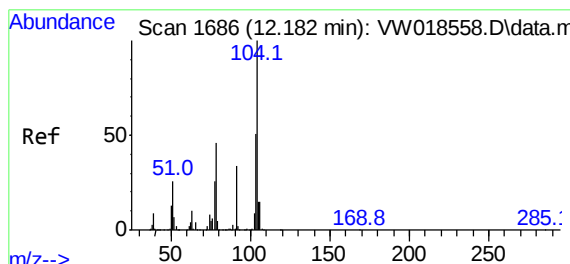
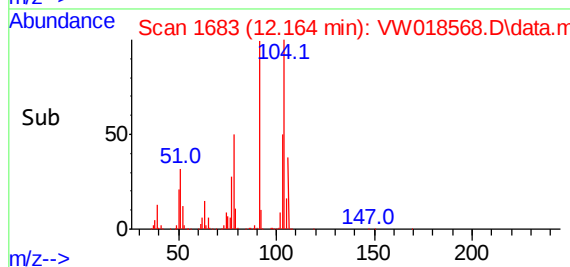
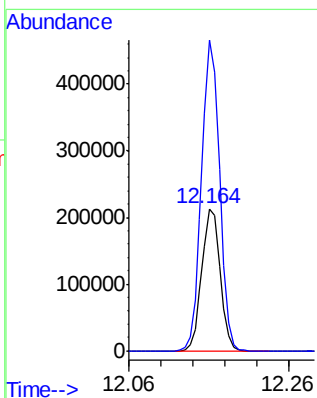
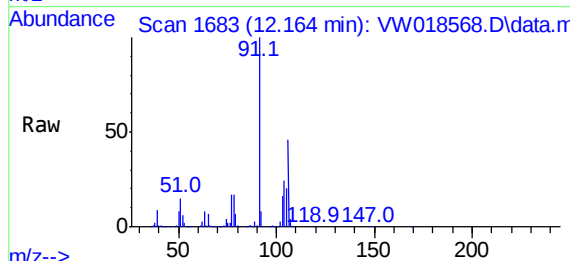




#55
o-xylene
Concen: 26.18 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

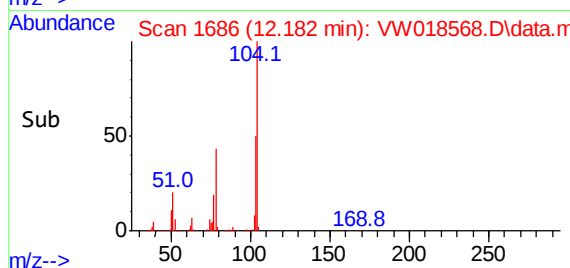
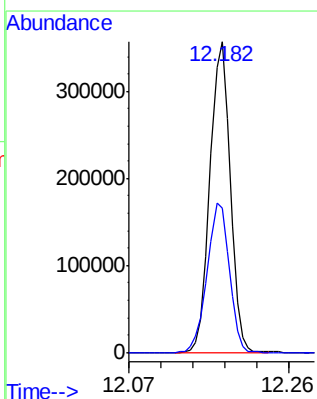
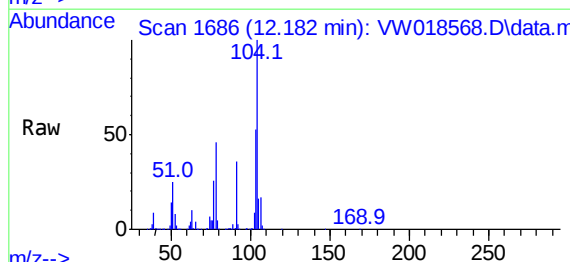
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

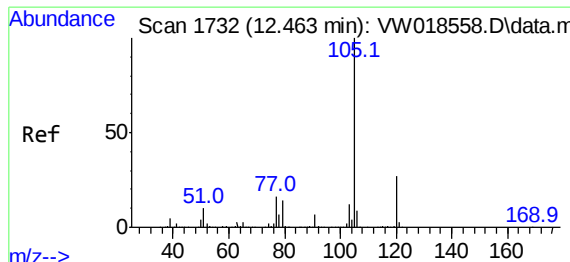
Tgt Ion:106 Resp: 338477
Ion Ratio Lower Upper
106 100
91 218.8 154.3 286.5



#56
Styrene
Concen: 26.12 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion:104 Resp: 575900
Ion Ratio Lower Upper
104 100
78 46.4 34.7 64.5

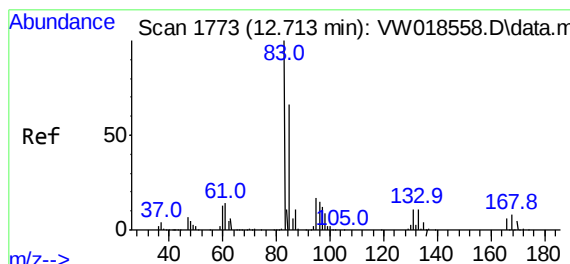
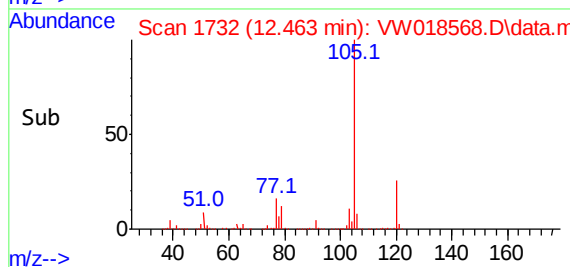
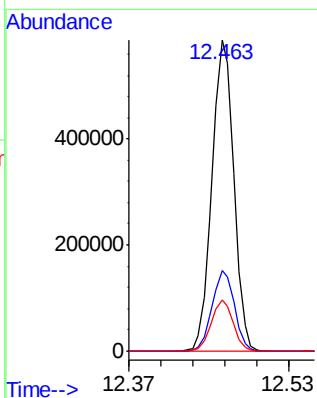
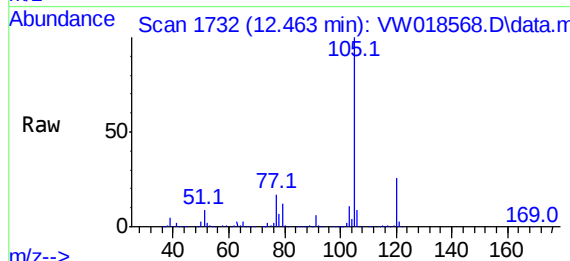




#57
Isopropylbenzene
Concen: 26.17 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 16:18

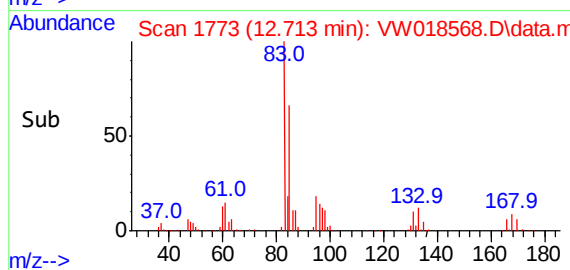
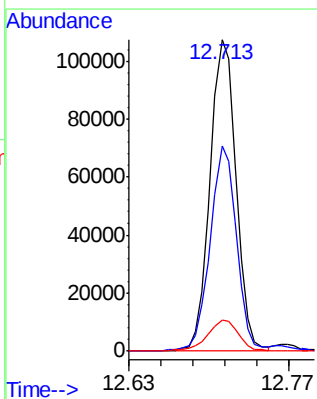
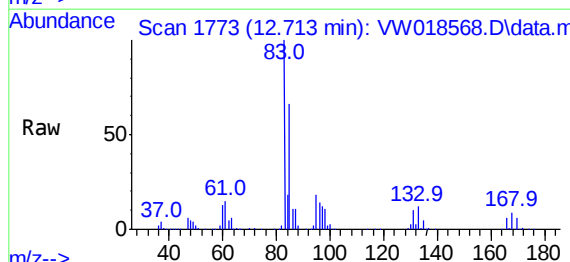
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

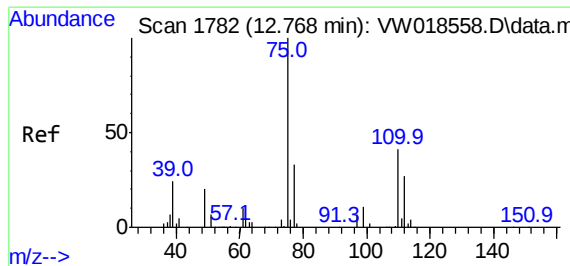
Tgt Ion: 105 Resp: 920356
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.2 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 27.21 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 83 Resp: 177840
Ion Ratio Lower Upper
83 100
85 65.7 49.0 91.0
131 9.8 8.7 13.1

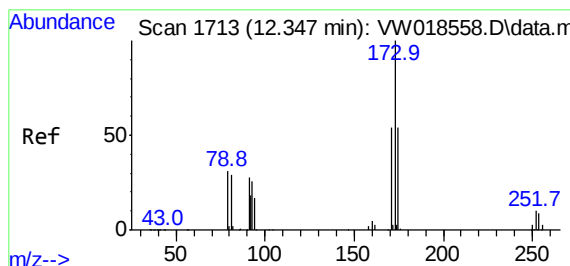
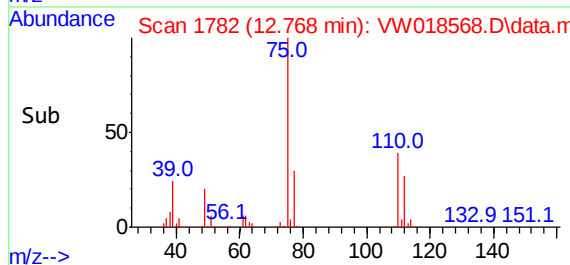
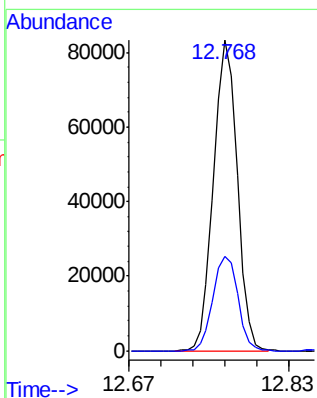
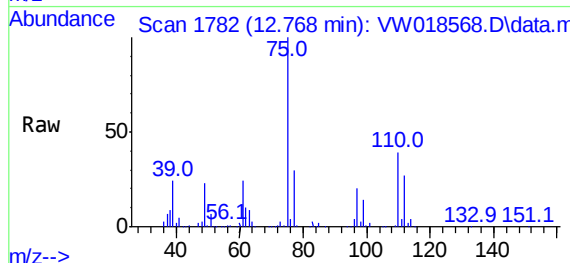




#59
1,2,3-Trichloropropane
Concen: 27.21 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

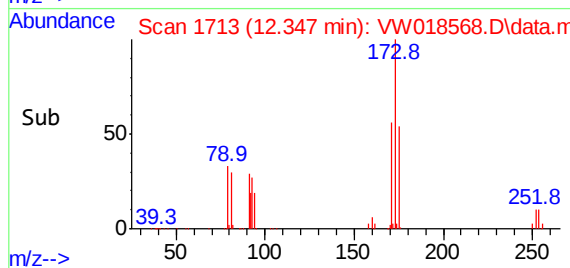
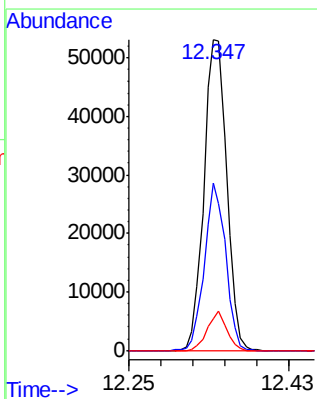
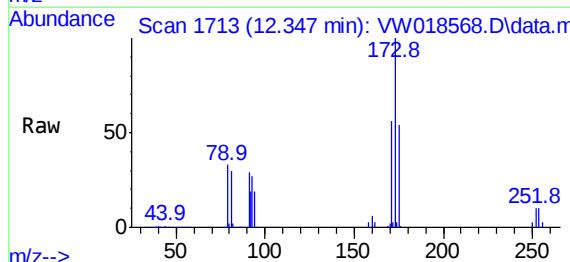
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

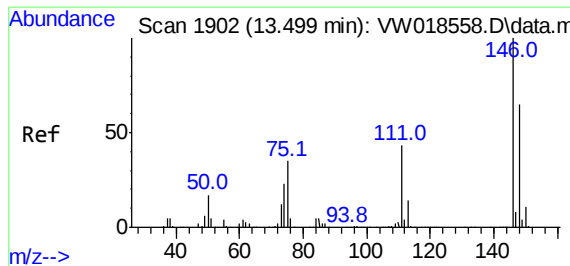
Tgt Ion: 75 Resp: 134265
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4



#62
Bromoform
Concen: 24.64 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 173 Resp: 93931
Ion Ratio Lower Upper
173 100
175 50.0 38.2 57.2
254 10.6 6.0 9.0#

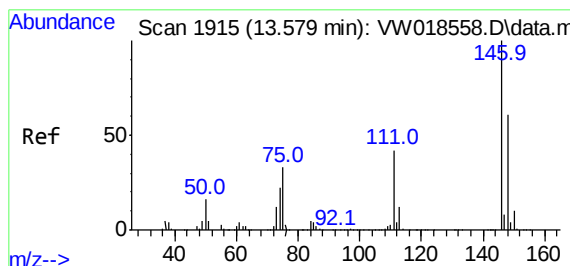
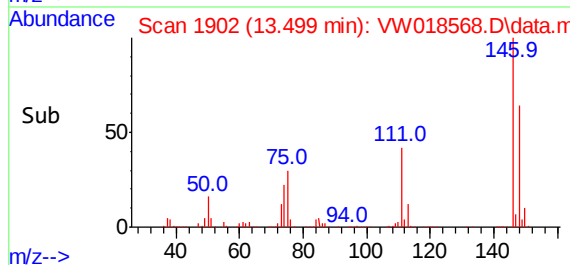
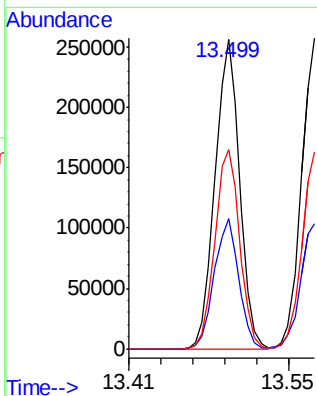
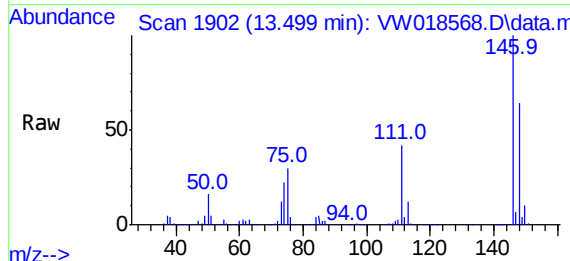




#63
1,3-Dichlorobenzene
Concen: 25.18 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

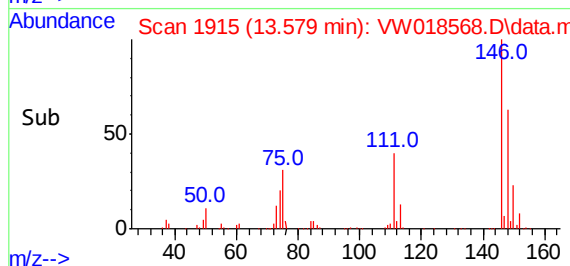
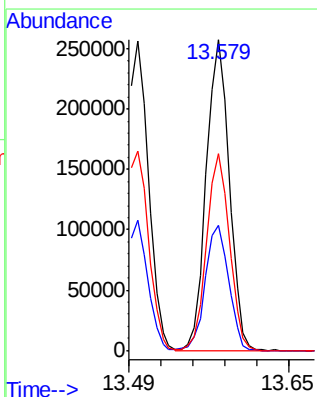
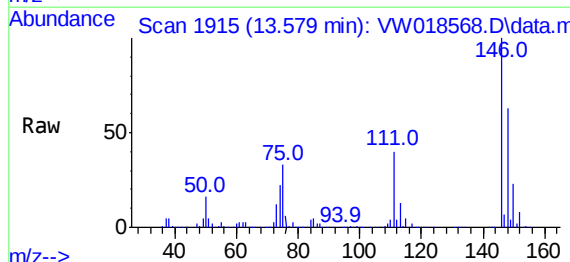
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

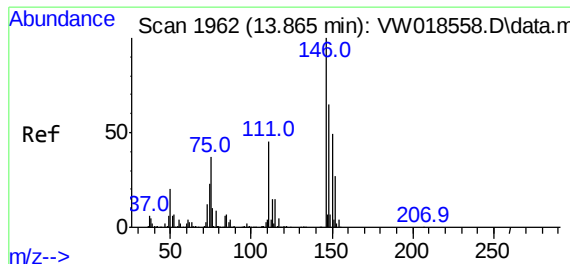
Tgt Ion:146 Resp: 400664
Ion Ratio Lower Upper
146 100
111 42.2 27.5 51.1
148 64.3 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.02 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion:146 Resp: 401711
Ion Ratio Lower Upper
146 100
111 40.1 28.3 52.5
148 63.3 47.3 87.9

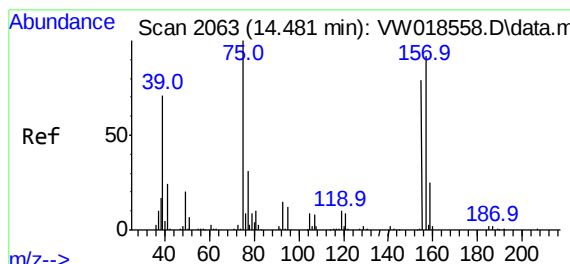
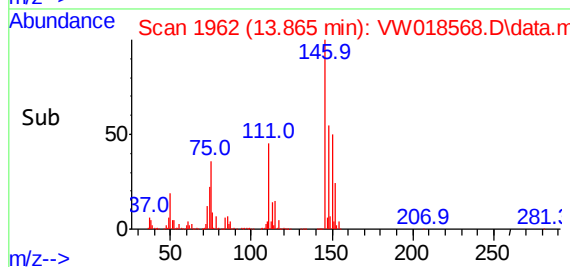
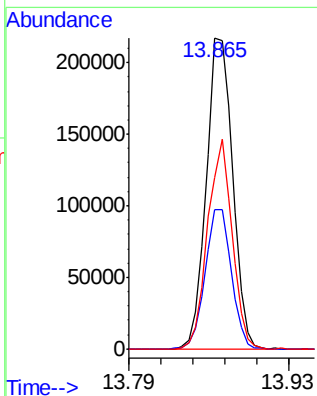
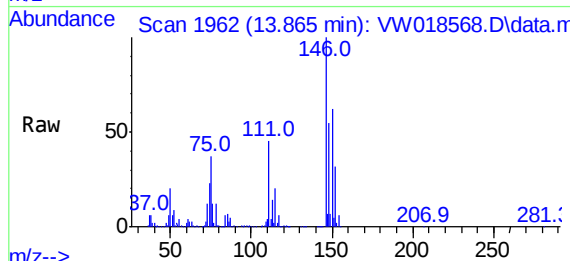




#65
1,2-Dichlorobenzene
Concen: 25.52 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

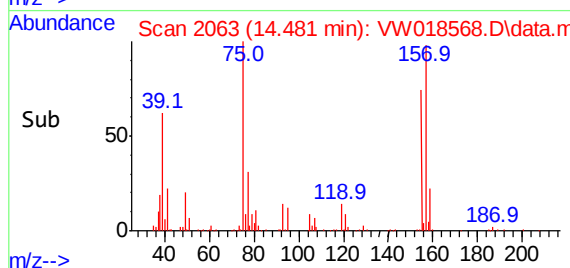
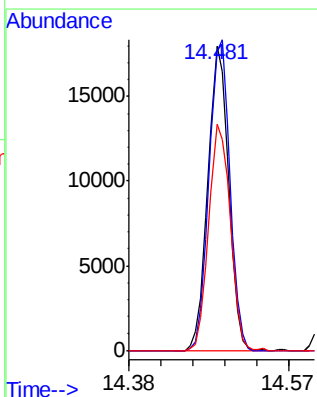
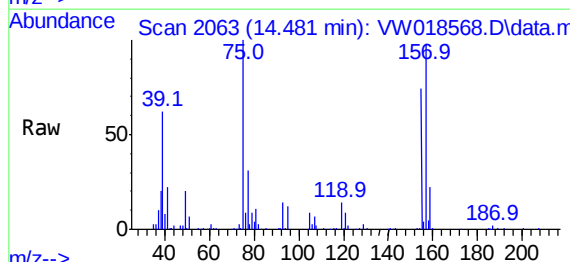
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

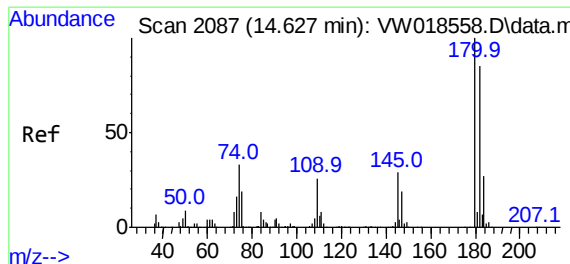
Tgt Ion:146 Resp: 362984
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 55.2 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 22.88 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion: 75 Resp: 29407
Ion Ratio Lower Upper
75 100
157 98.1 65.2 97.8#
155 74.1 60.1 90.1

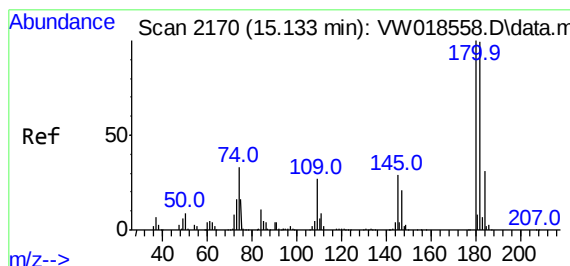
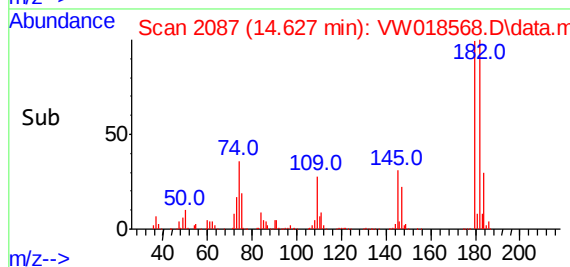
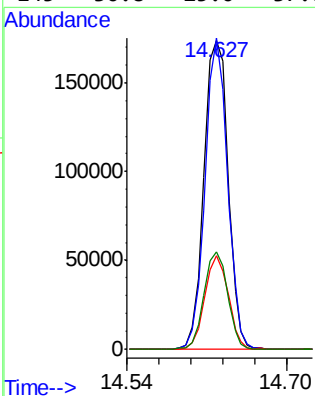
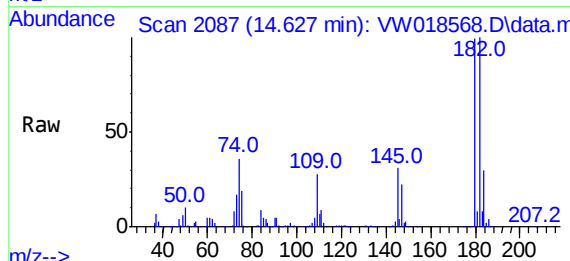




#67
 1,3,5-Trichlorobenzene
 Concen: 24.76 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

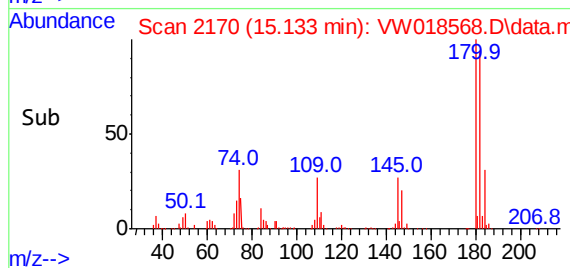
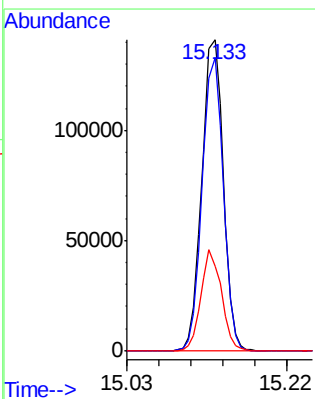
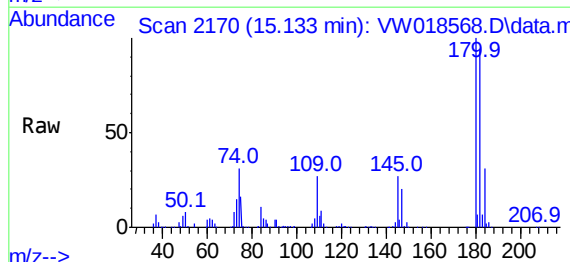
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

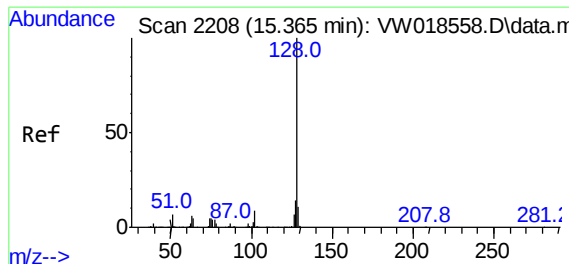
Tgt Ion:	180	Resp:	284102
Ion	Ratio	Lower	Upper
180	100		
182	93.6	71.8	107.8
184	29.0	23.5	35.3
145	30.8	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 24.39 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VW018568.D
 Acq: 06 Apr 2021 16:18

Tgt Ion:	180	Resp:	238173
Ion	Ratio	Lower	Upper
180	100		
182	92.7	70.2	105.4
145	30.9	24.9	37.3

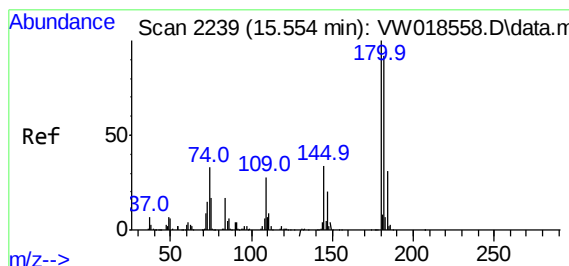
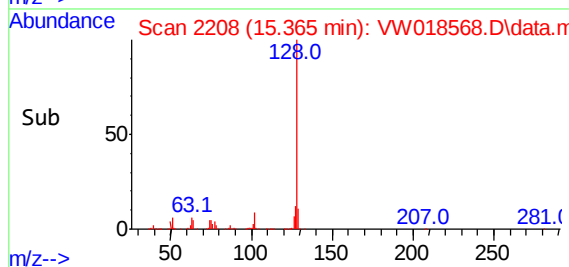
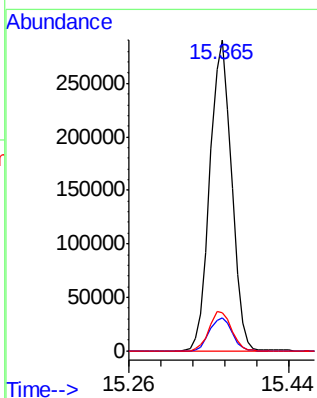
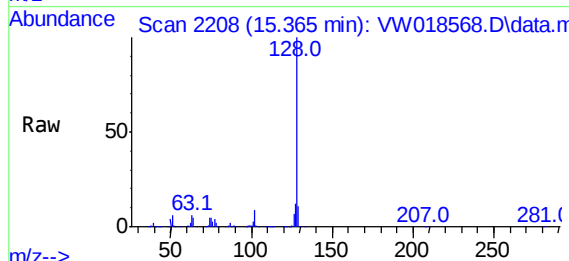




#69
Naphthalene
Concen: 24.69 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampled :
VSTD02507

Tgt Ion:128 Resp: 501974
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.19 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018568.D
Acq: 06 Apr 2021 16:18

Tgt Ion:180 Resp: 206120
Ion Ratio Lower Upper
180 100
182 97.6 76.5 114.7
145 33.5 27.7 41.5

