

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018376.D
 Acq On : 19 Mar 2021 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Mar 20 01:34:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 17:46:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	573716	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	535833	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	259660	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	201316	25.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.88%			
7) Chloroethane-d5	2.891	69	173985	24.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.60%			
10) 1,1-Dichloroethene-d2	4.025	63	355123	25.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.04%			
20) 2-Butanone-d5	7.074	46	86287	48.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.10%			
24) Chloroform-d	7.647	84	358508	24.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.12%			
26) 1,2-Dichloroethane-d4	8.305	65	206550	24.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.84%			
29) Benzene-d6	8.275	84	688434	24.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.68%			
33) 1,2-Dichloropropane-d6	9.274	67	198128	24.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.44%			
37) Toluene-d8	10.323	98	683363	24.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.64%			
38) trans-1,3-Dichloroprop...	10.579	79	104959	24.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.08%			
39) 2-Hexanone-d5	10.920	63	77032	47.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.80%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	180991	24.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.48%			
61) 1,2-Dichlorobenzene-d4	13.853	152	227147	24.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	170524	25.88	ug/L	96
3) Chloromethane	2.221	50	215215	25.91	ug/L	99
5) Vinyl chloride	2.367	62	312074	28.61	ug/L	98
6) Bromomethane	2.782	94	224658	28.52	ug/L	99
8) Chloroethane	2.928	64	190511	28.01	ug/L	97
9) Trichlorofluoromethane	3.257	101	141486	25.78	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	203385	28.82	ug/L	97
12) 1,1-Dichloroethene	4.044	96	200219	27.80	ug/L	96
13) Acetone	4.117	43	64102	50.20	ug/L	99
14) Carbon disulfide	4.385	76	617079	28.45	ug/L	99
15) Methyl Acetate	4.665	43	78948	27.03	ug/L	97
16) Methylene chloride	4.915	84	211574	22.48	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	281155	26.72	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	216448	27.22	ug/L	95
19) 1,1-Dichloroethane	6.214	63	376024	27.72	ug/L	97
21) 2-Butanone	7.165	43	104646	51.58	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	226364	27.07	ug/L	95
23) Bromochloromethane	7.512	128	100509	27.16	ug/L	89
25) Chloroform	7.677	83	396034	27.51	ug/L	97
27) 1,2-Dichloroethane	8.396	62	279382	27.35	ug/L	98

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 Response via : Initial Calibration

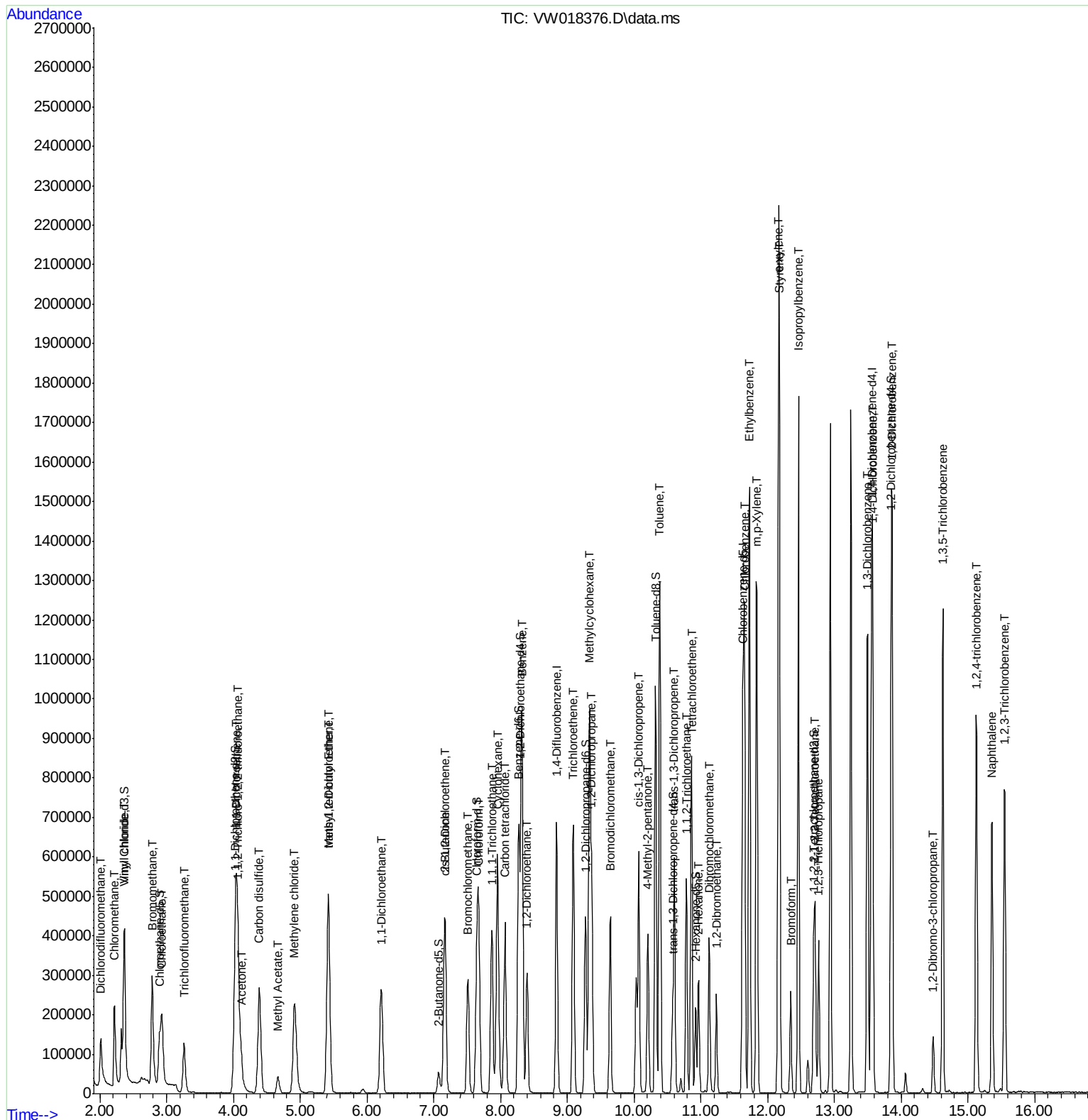
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.957	56	348672	27.41	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	329826	27.54	ug/L	98
32) Carbon tetrachloride	8.067	117	316744	28.38	ug/L	98
34) Benzene	8.323	78	846147	27.27	ug/L	100
35) Trichloroethene	9.091	95	232449	27.11	ug/L	98
36) Methylcyclohexane	9.335	83	410897	27.37	ug/L	98
40) 1,2-Dichloropropane	9.366	63	204645	26.96	ug/L	98
41) Bromodichloromethane	9.646	83	287353	26.78	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	352314	27.45	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	238102	52.16	ug/L	98
44) Toluene	10.384	91	969596	27.49	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	321550	27.90	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	164341	27.15	ug/L	97
47) Tetrachloroethene	10.866	164	175657	26.98	ug/L	92
49) 2-Hexanone	10.969	43	168429	52.14	ug/L	99
50) Dibromochloromethane	11.128	129	197155	27.62	ug/L	93
51) 1,2-Dibromoethane	11.231	107	159624	26.63	ug/L	99
52) Chlorobenzene	11.658	112	604499	27.02	ug/L	96
53) Ethylbenzene	11.731	91	1086902	27.33	ug/L	99
54) m,p-Xylene	11.841	106	419396	27.59	ug/L	98
55) o-xylene	12.164	106	398558	27.51	ug/L	96
56) Styrene	12.176	104	674502	27.30	ug/L	96
57) Isopropylbenzene	12.463	105	1101541	27.95	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	199077	27.17	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	149417	27.02	ug/L	99
62) Bromoform	12.347	173	113546	28.52	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	465905	28.03	ug/L	92
64) 1,4-Dichlorobenzene	13.578	146	464329	27.69	ug/L	93
65) 1,2-Dichlorobenzene	13.865	146	416425	28.04	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	36599	27.26	ug/L	90
67) 1,3,5-Trichlorobenzene	14.627	180	342151	28.55	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	291738	28.61	ug/L	95
69) Naphthalene	15.365	128	590613	27.81	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	247503	27.81	ug/L	98

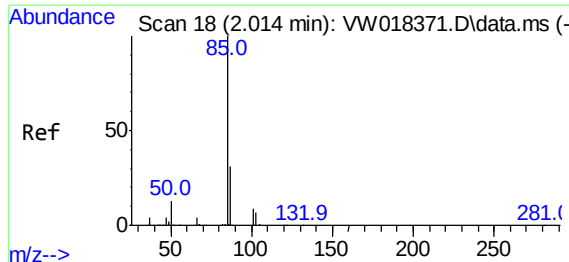
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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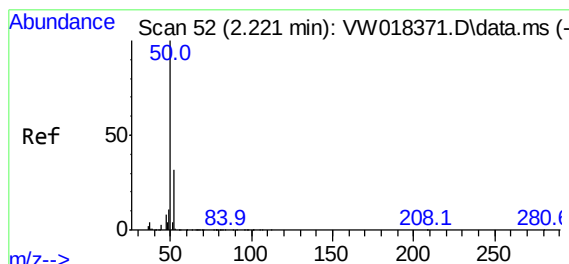
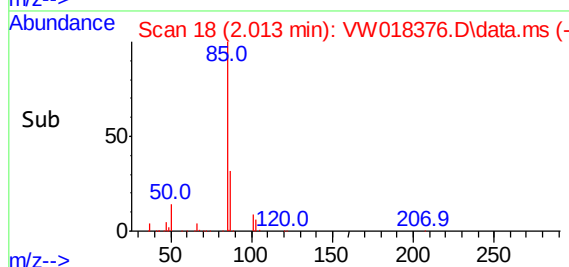
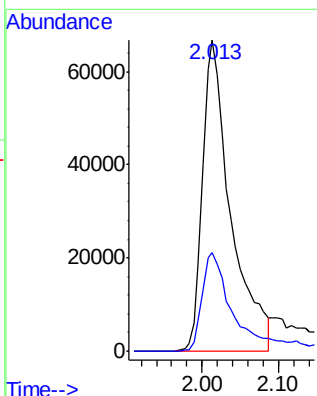
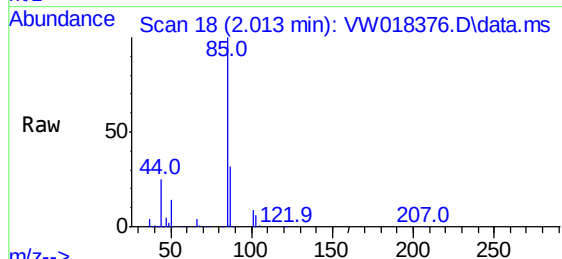




#2
Dichlorodifluoromethane
Concen: 25.88 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

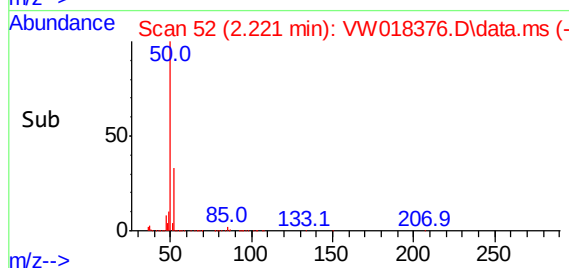
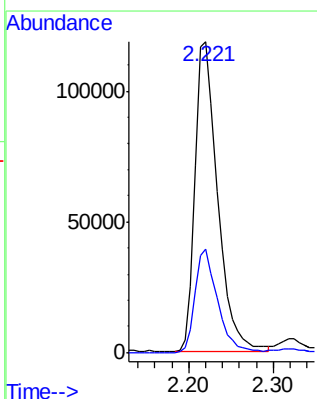
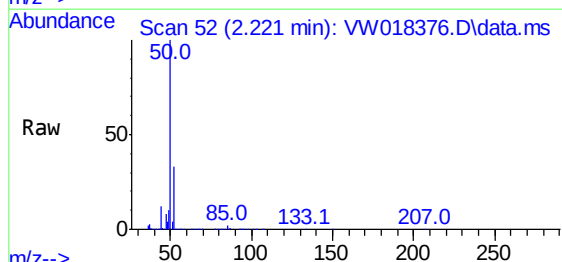
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

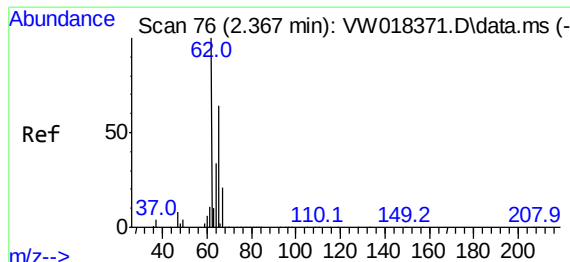
Tgt Ion: 85 Resp: 170524
Ion Ratio Lower Upper
85 100
87 33.9 22.2 41.2



#3
Chloromethane
Concen: 25.91 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 50 Resp: 215215
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9

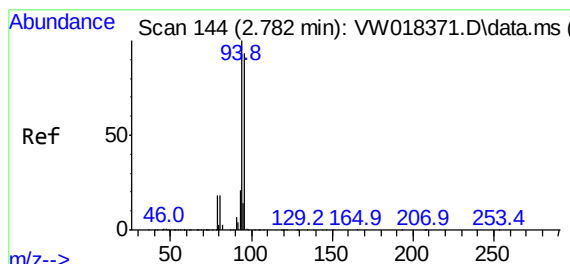
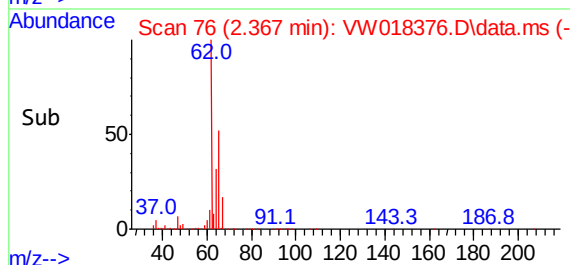
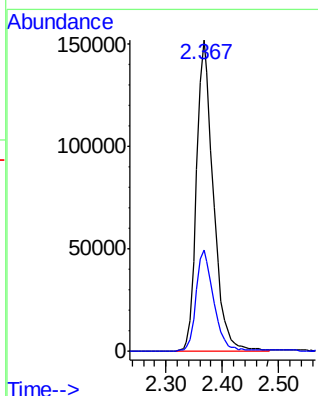
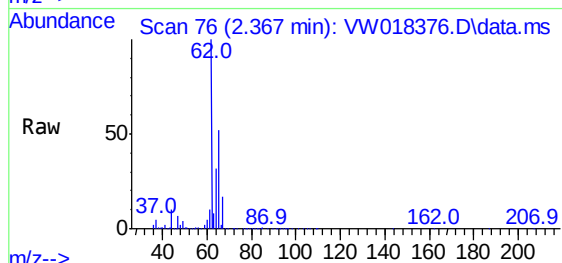




#5
 Vinyl chloride
 Concen: 28.61 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018376.D
 Acq: 19 Mar 2021 09:55

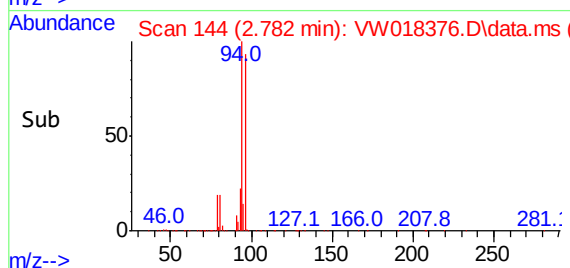
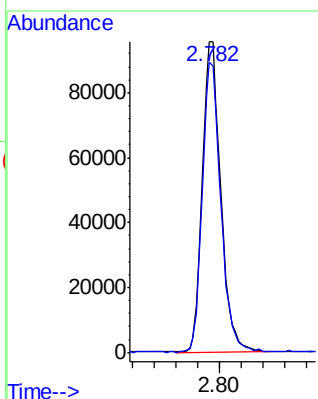
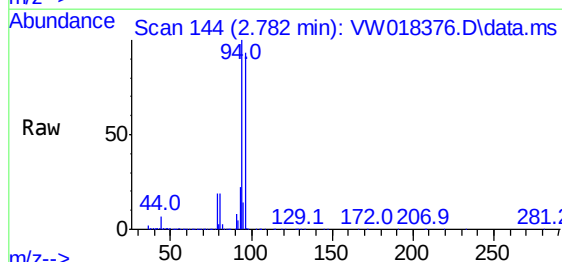
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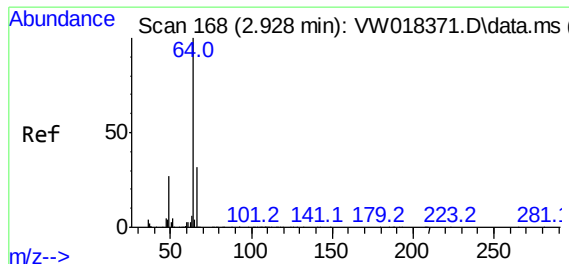
Tgt Ion: 62 Resp: 312074
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.5 43.7



#6
 Bromomethane
 Concen: 28.52 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018376.D
 Acq: 19 Mar 2021 09:55

Tgt Ion: 94 Resp: 224658
 Ion Ratio Lower Upper
 94 100
 96 93.6 9.4 179.4

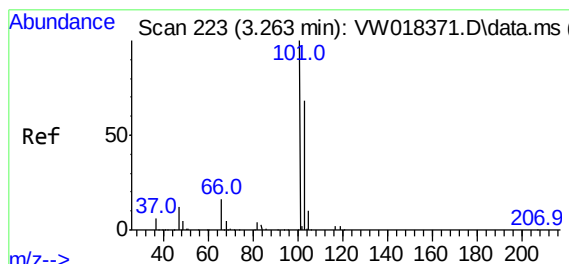
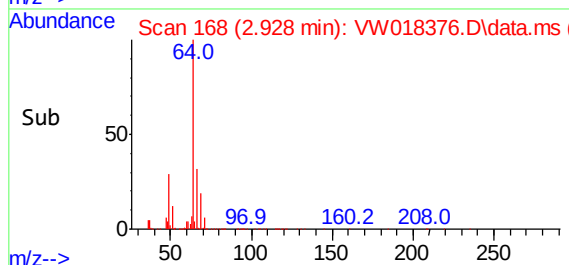
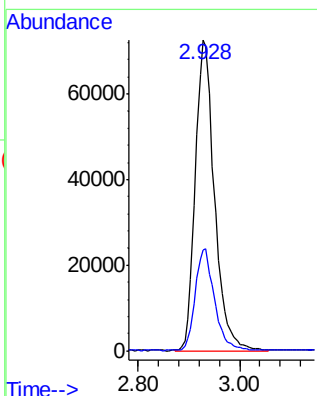
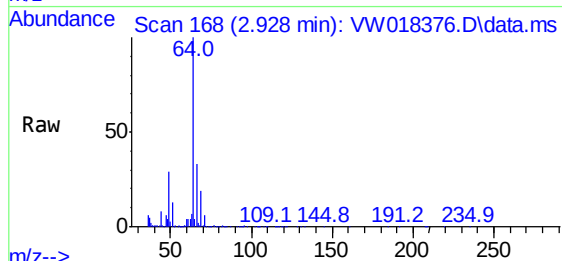




#8
Chloroethane
Concen: 28.01 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

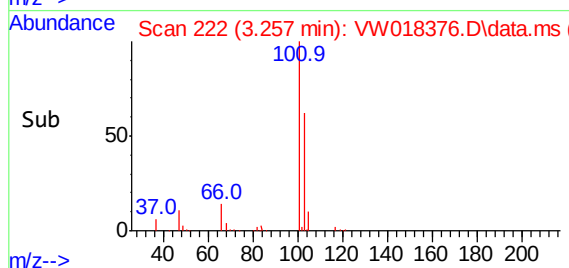
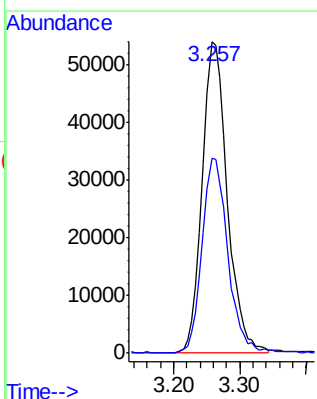
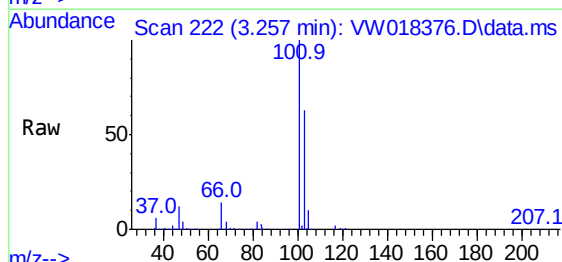
Instrument :
MSVOA_W
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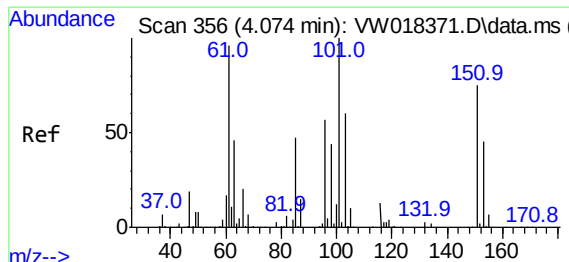
Tgt Ion: 64 Resp: 190511
Ion Ratio Lower Upper
64 100
66 32.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 25.78 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion:101 Resp: 141486
Ion Ratio Lower Upper
101 100
103 64.0 45.6 84.8



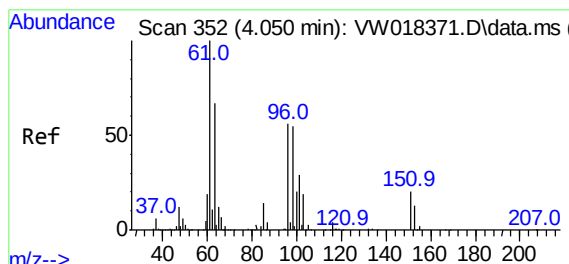
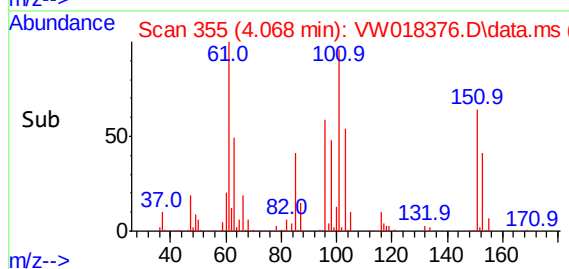
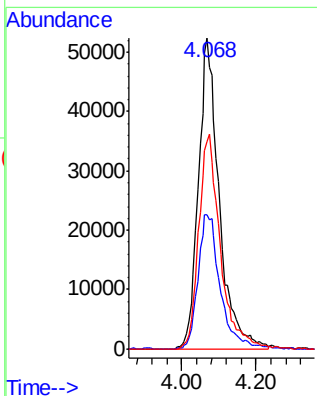
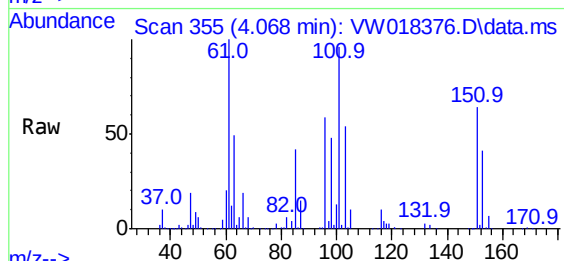


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.82 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW018376.D
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Tgt Ion:101 Resp: 203385

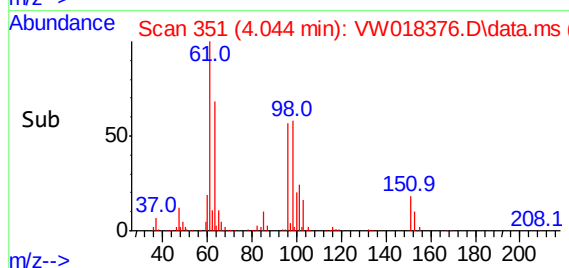
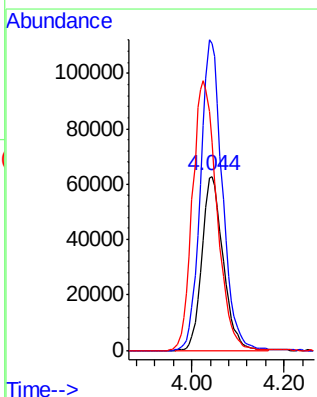
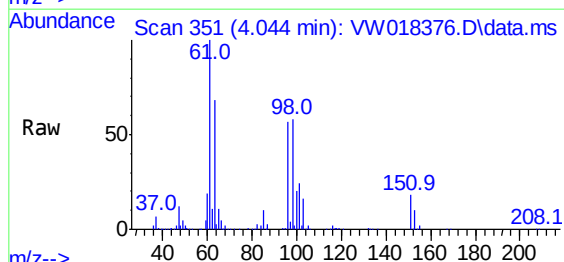
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.6	53.4
151	68.3	58.1	87.1

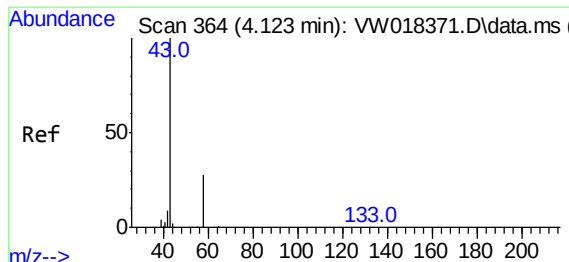


#12
 1,1-Dichloroethene
 Concen: 27.80 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
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Tgt Ion: 96 Resp: 200219

Ion	Ratio	Lower	Upper
96	100		
61	176.4	118.6	220.2
63	119.8	82.4	153.0

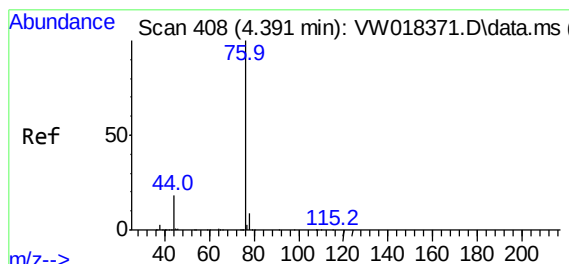
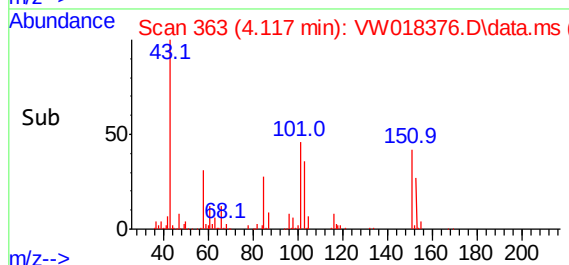
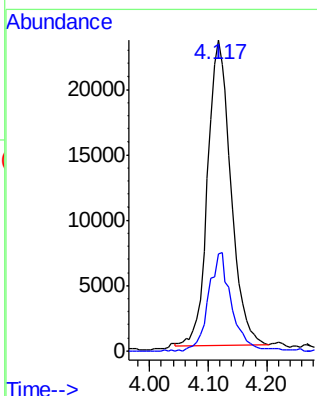
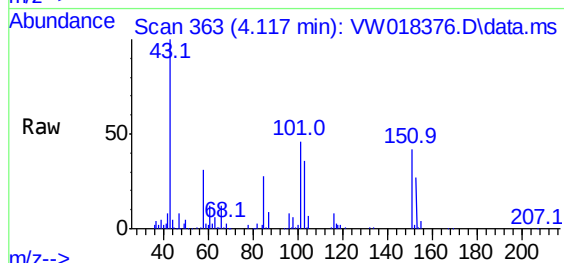




#13
Acetone
Concen: 50.20 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

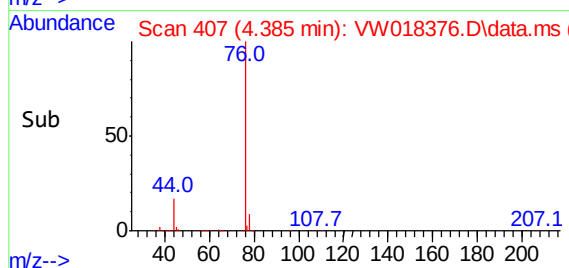
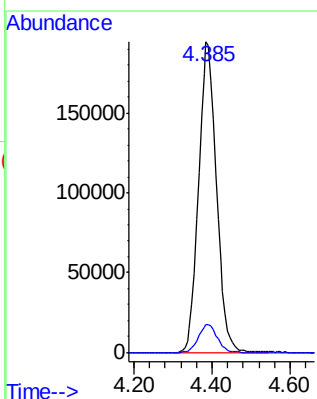
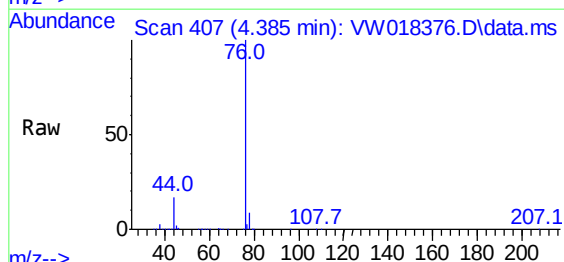
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ClientSampled :
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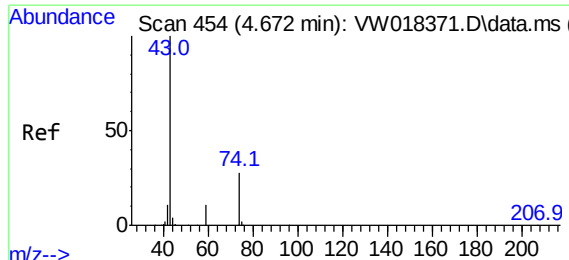
Tgt Ion: 43 Resp: 64102
Ion Ratio Lower Upper
43 100
58 31.6 0.0 62.2



#14
Carbon disulfide
Concen: 28.45 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 617079
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

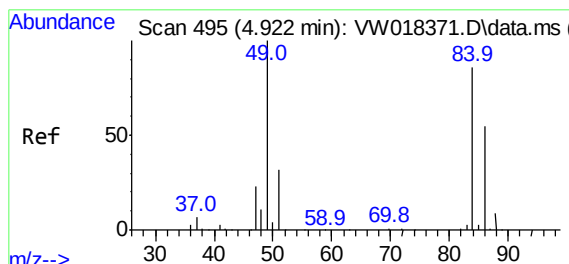
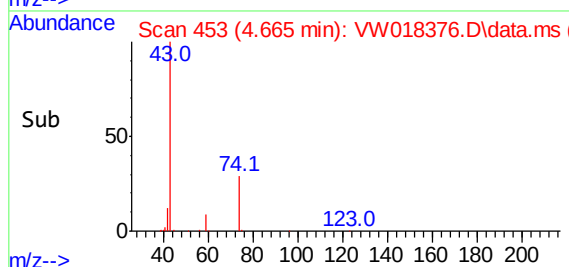
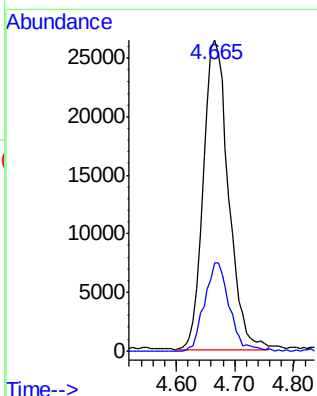
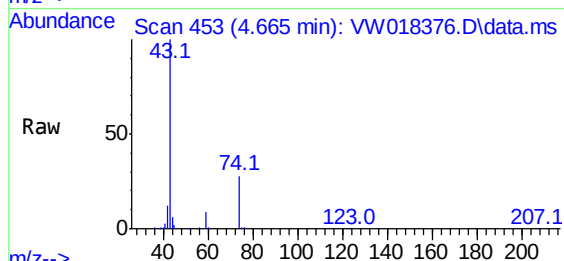




#15
Methyl Acetate
Concen: 27.03 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

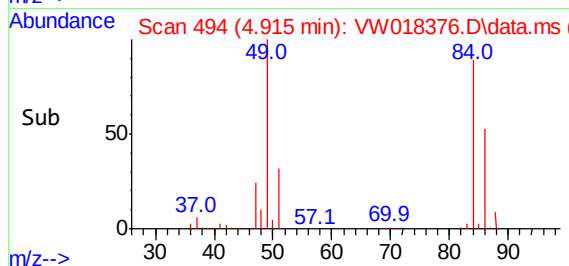
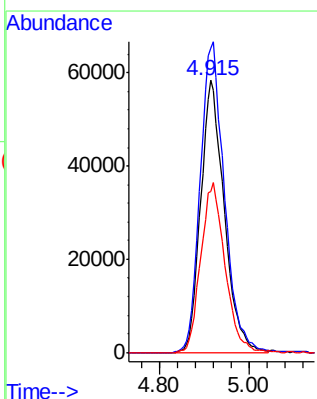
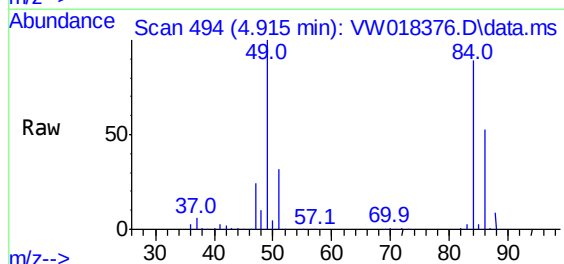
Instrument :
MSVOA_W
ClientSampled :
VSTD02505

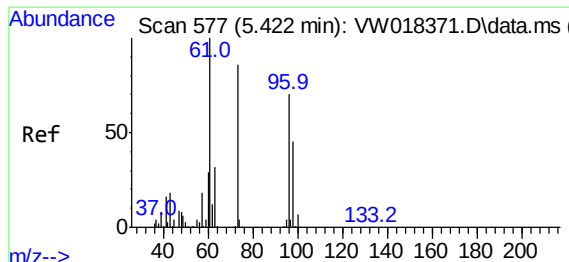
Tgt Ion: 43 Resp: 78948
Ion Ratio Lower Upper
43 100
74 26.9 22.9 34.3



#16
Methylene chloride
Concen: 22.48 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 84 Resp: 211574
Ion Ratio Lower Upper
84 100
49 111.9 74.4 138.2
86 59.2 46.1 85.7



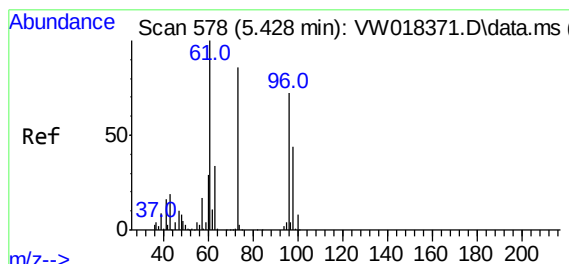
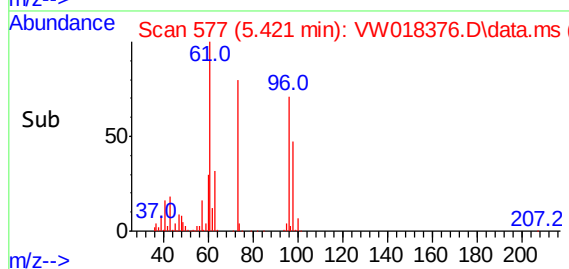
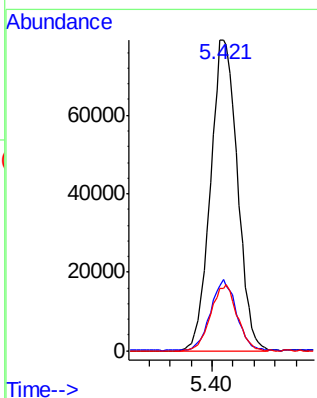
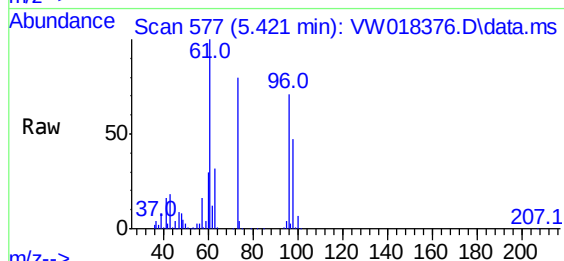


#17
Methyl tert-butyl Ether
Concen: 26.72 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion: 73 Resp: 281155

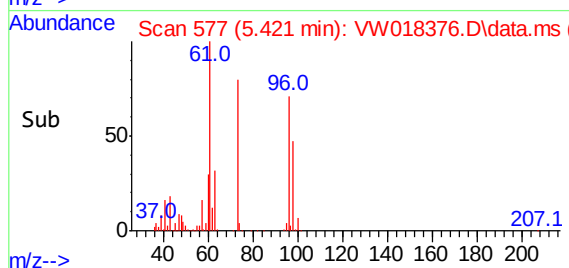
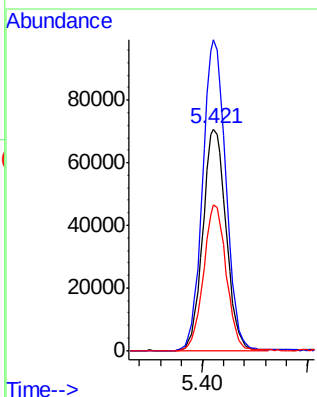
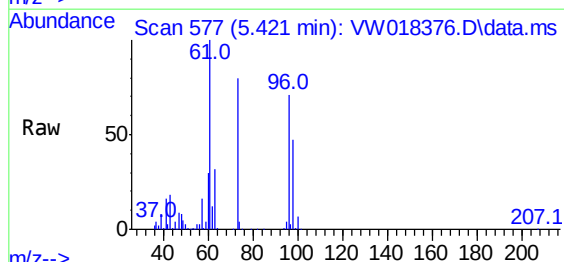
Ion	Ratio	Lower	Upper
73	100		
43	21.8	16.6	24.8
57	20.8	15.9	23.9

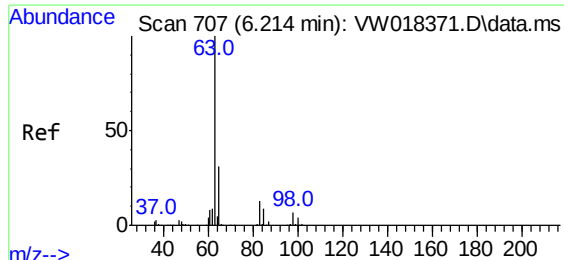


#18
trans-1,2-Dichloroethene
Concen: 27.22 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 96 Resp: 216448

Ion	Ratio	Lower	Upper
96	100		
61	140.5	93.3	173.3
98	66.1	45.2	84.0

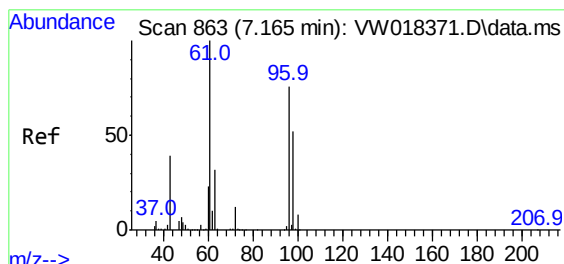
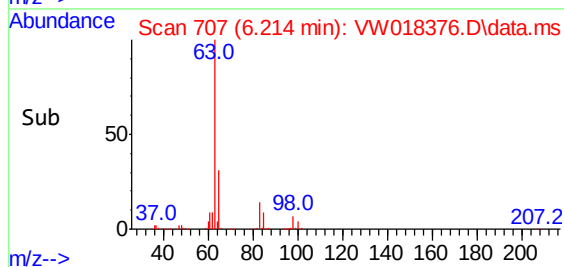
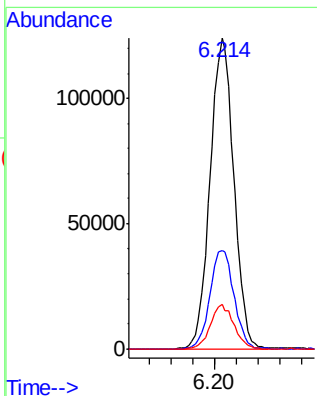
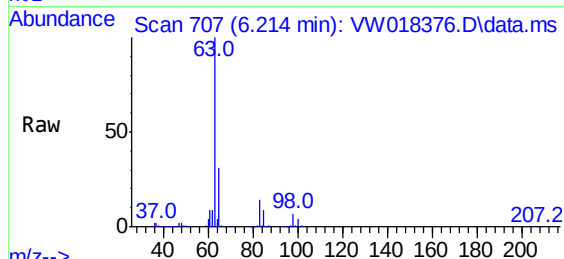




#19
1,1-Dichloroethane
Concen: 27.72 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

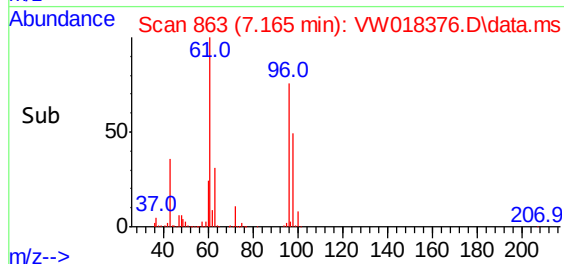
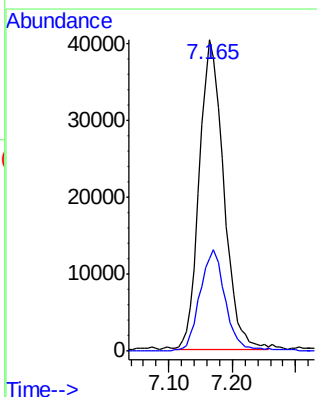
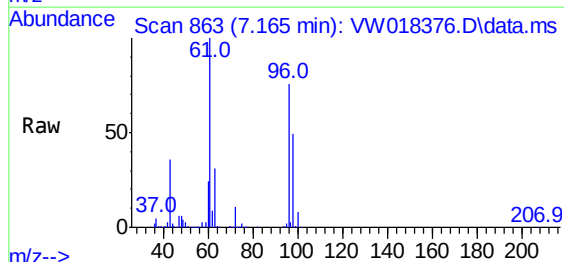
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

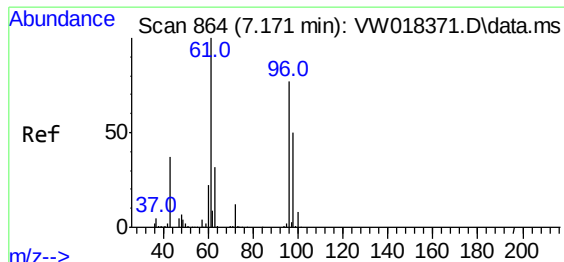
Tgt Ion: 63 Resp: 376024
Ion Ratio Lower Upper
63 100
65 31.5 23.5 43.7
83 14.2 10.3 19.1



#21
2-Butanone
Concen: 51.58 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 43 Resp: 104646
Ion Ratio Lower Upper
43 100
72 32.8 16.5 49.5



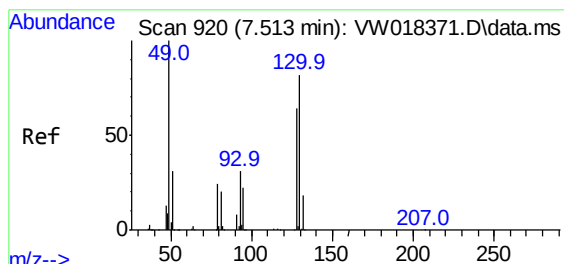
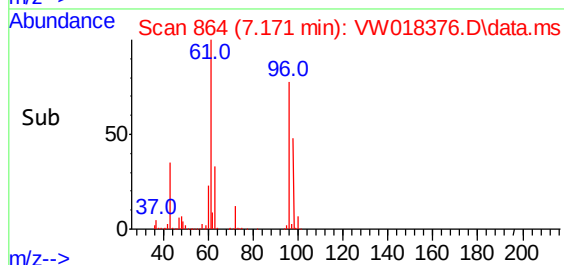
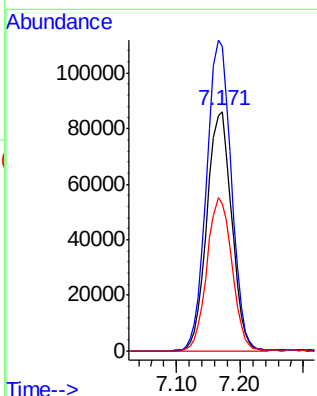
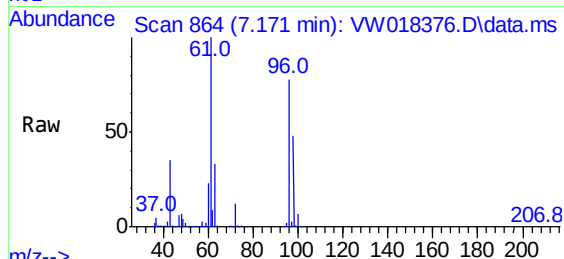


#22
cis-1,2-Dichloroethene
Concen: 27.07 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion: 96 Resp: 226364

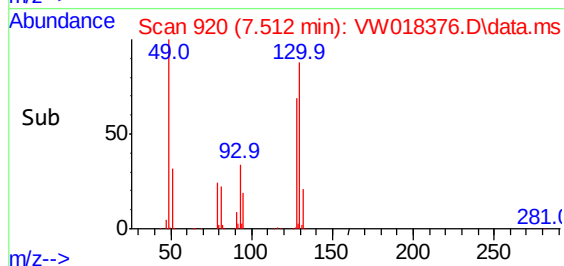
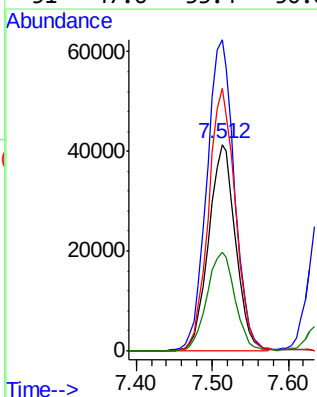
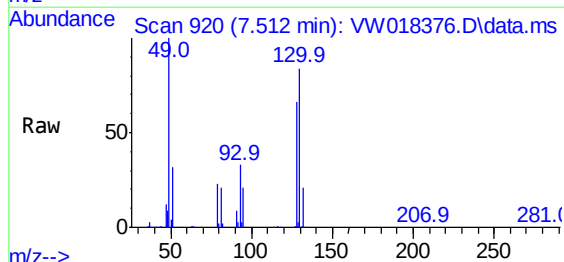
Ion	Ratio	Lower	Upper
96	100		
61	127.6	84.8	157.6
98	61.6	45.1	83.9

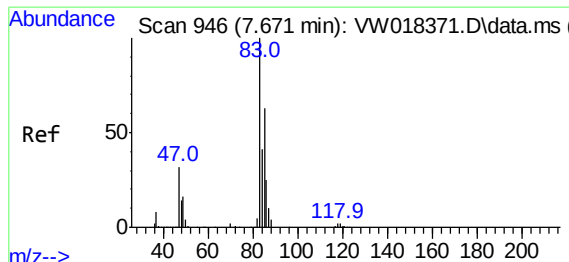


#23
Bromochloromethane
Concen: 27.16 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 128 Resp: 100509

Ion	Ratio	Lower	Upper
128	100		
49	150.6	92.4	171.6
130	126.9	83.9	155.7
51	47.6	33.4	50.0

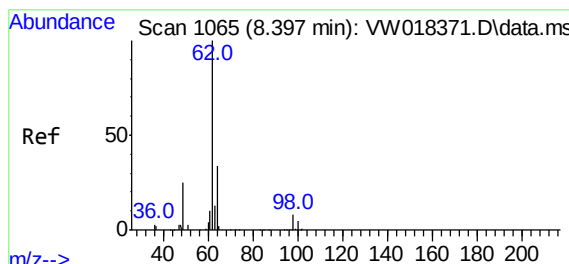
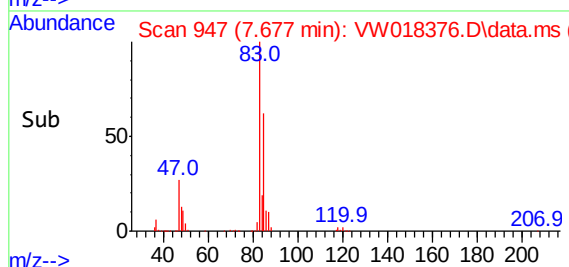
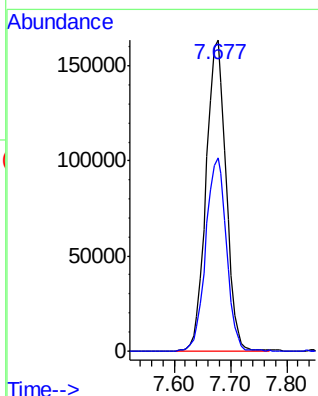
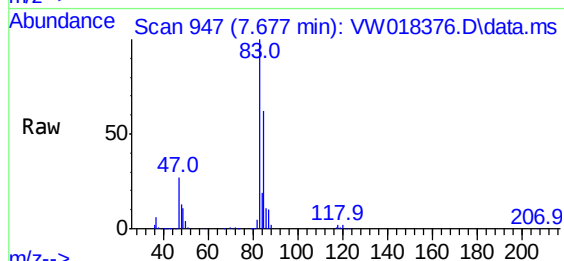




#25
Chloroform
Concen: 27.51 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

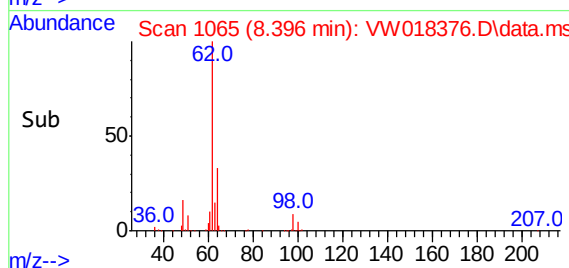
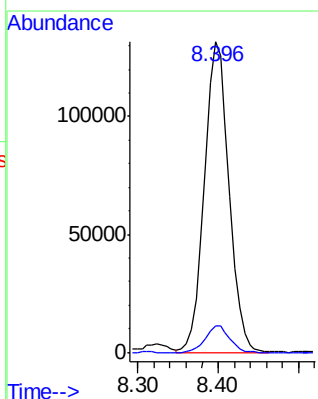
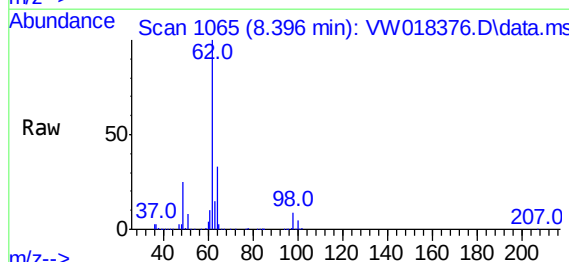
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

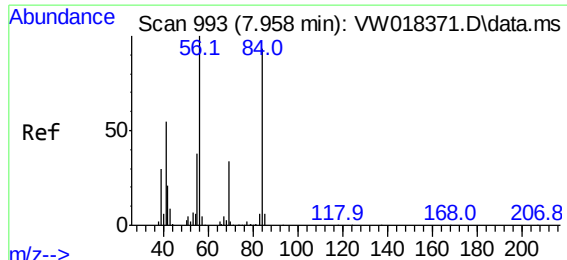
Tgt Ion: 83 Resp: 396034
Ion Ratio Lower Upper
83 100
85 64.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.35 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 62 Resp: 279382
Ion Ratio Lower Upper
62 100
98 8.7 6.4 9.6

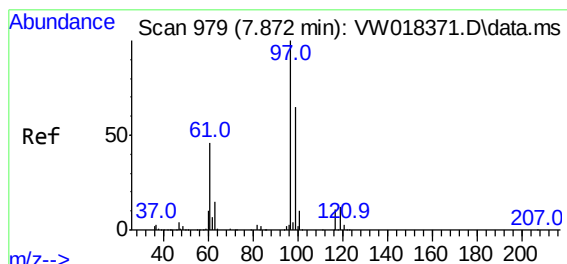
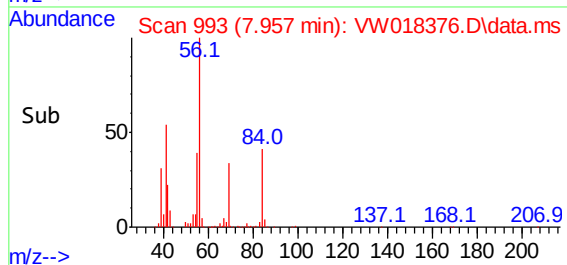
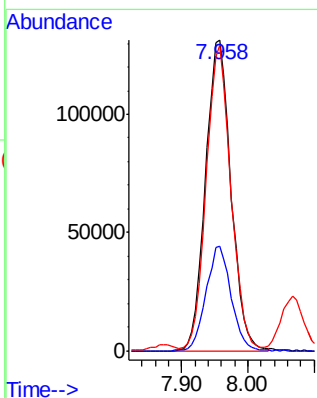
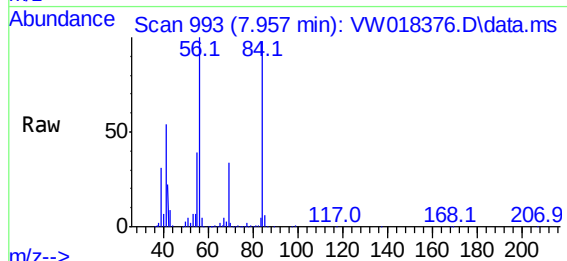




#30
Cyclohexane
Concen: 27.41 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.001 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

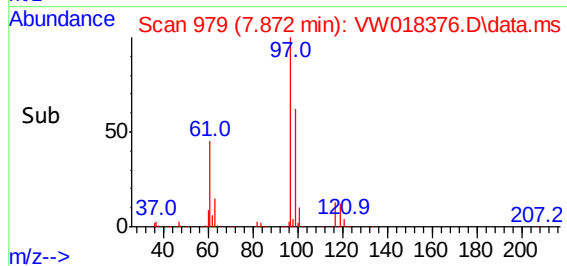
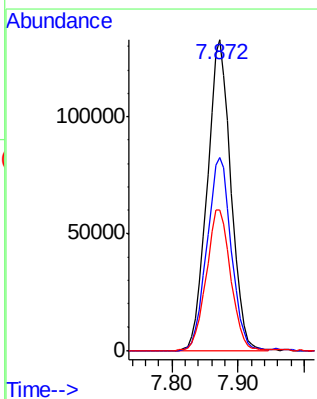
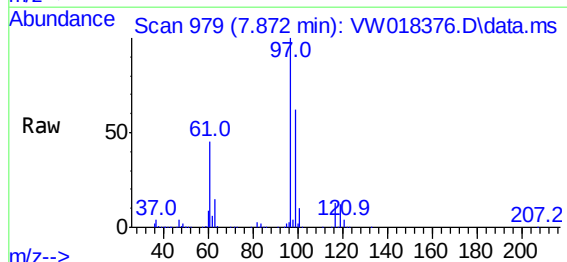
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

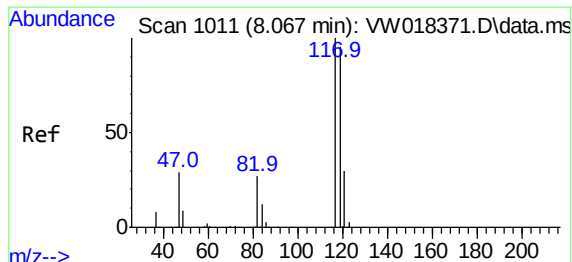
Tgt Ion: 56 Resp: 348672
Ion Ratio Lower Upper
56 100
69 33.2 27.0 40.6
84 95.6 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 27.54 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 97 Resp: 329826
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 46.7 34.8 52.2

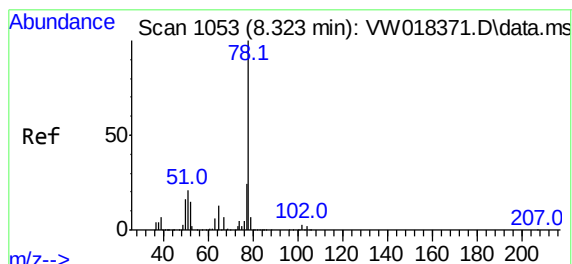
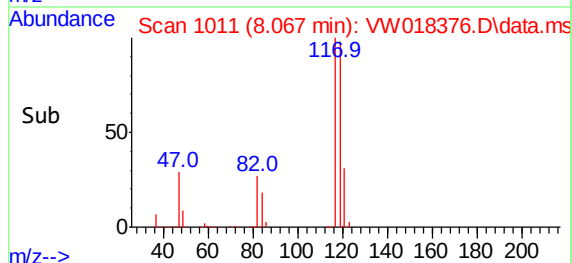
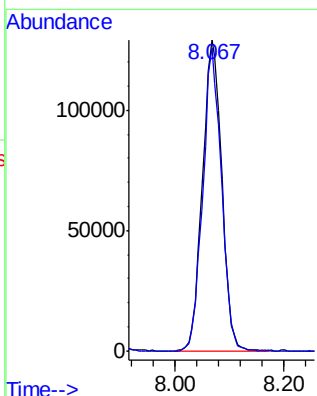
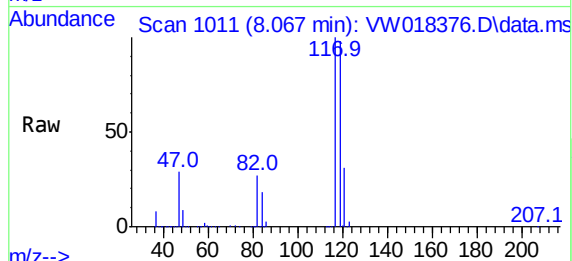




#32
Carbon tetrachloride
Concen: 28.38 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

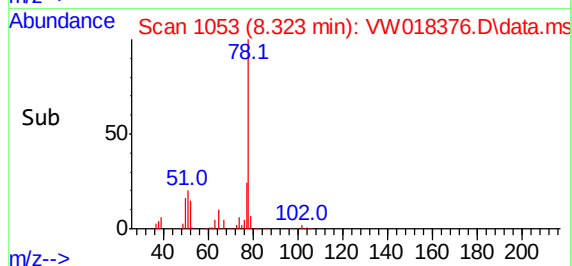
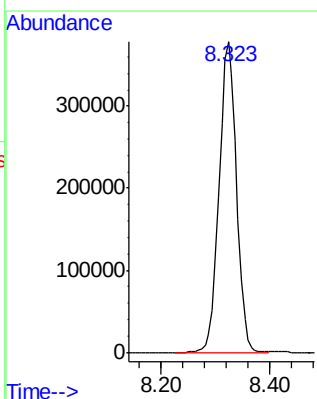
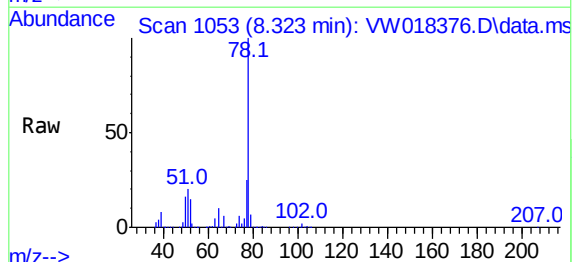
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

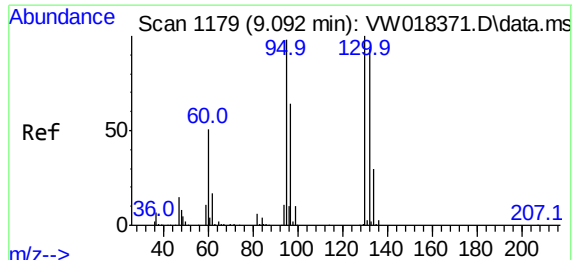
Tgt Ion:117 Resp: 316744
Ion Ratio Lower Upper
117 100
119 94.2 76.7 115.1



#34
Benzene
Concen: 27.27 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 78 Resp: 846147



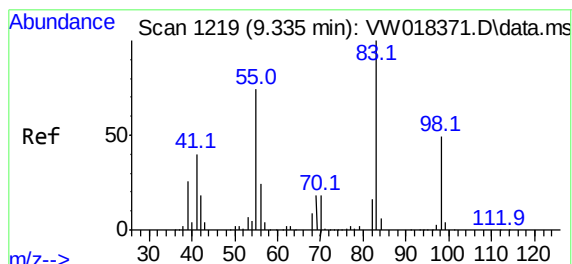
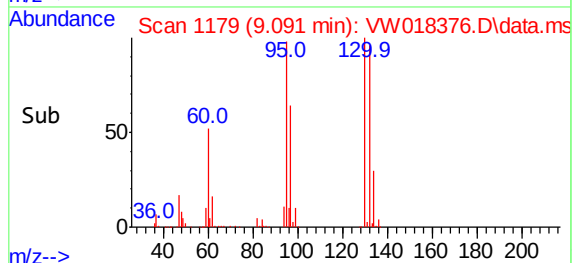
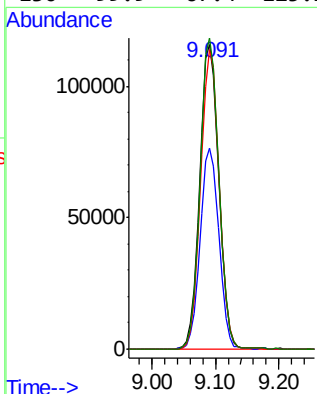
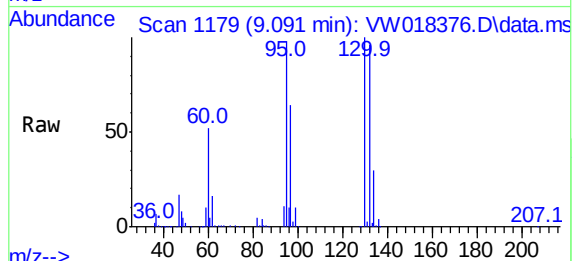


#35
Trichloroethene
Concen: 27.11 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.001 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion: 95 Resp: 232449

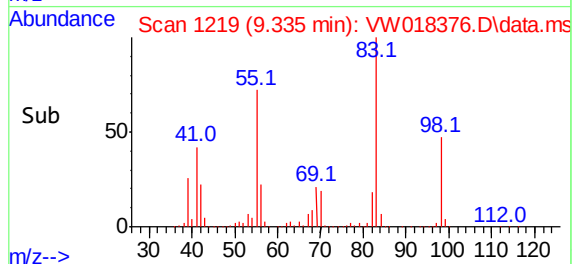
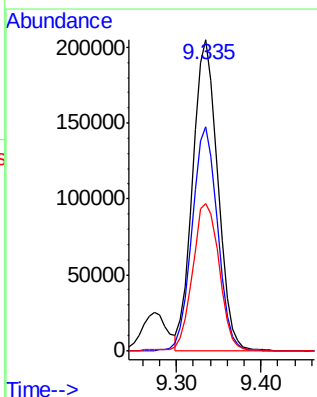
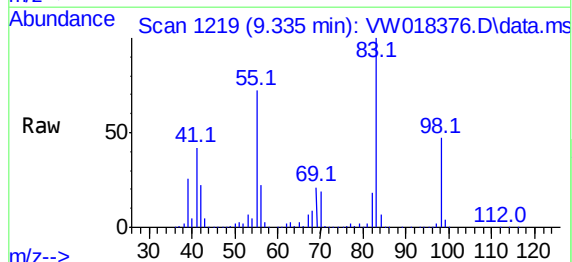
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	95.4	65.9	122.5
130	99.9	67.4	125.2

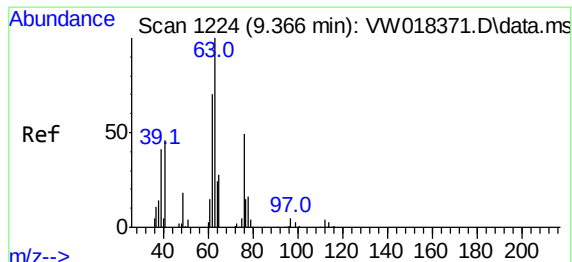


#36
Methylcyclohexane
Concen: 27.37 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 83 Resp: 410897

Ion	Ratio	Lower	Upper
83	100		
55	72.8	56.8	85.2
98	49.9	40.6	61.0

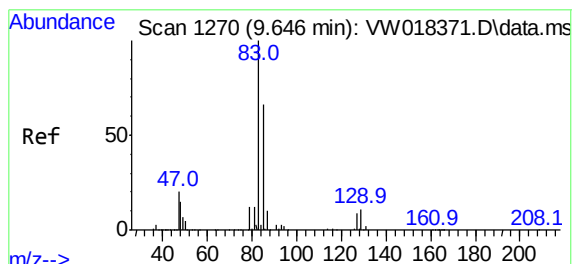
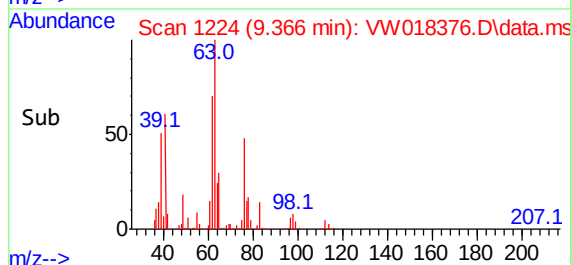
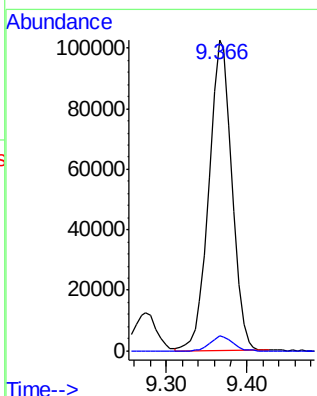
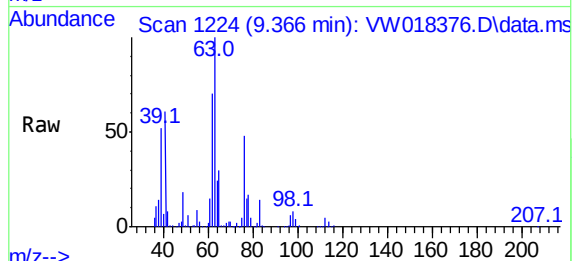




#40
1,2-Dichloropropane
Concen: 26.96 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

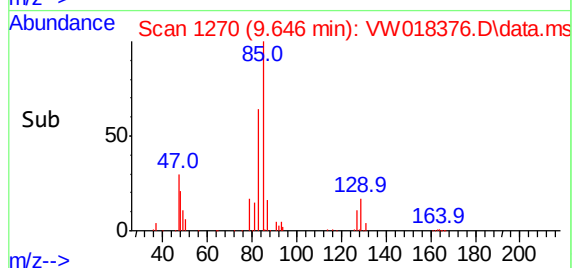
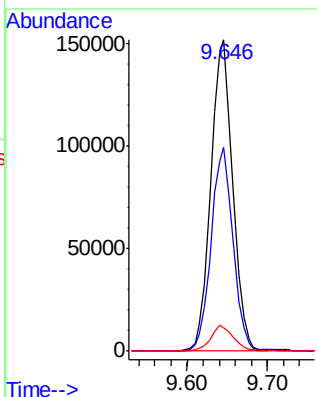
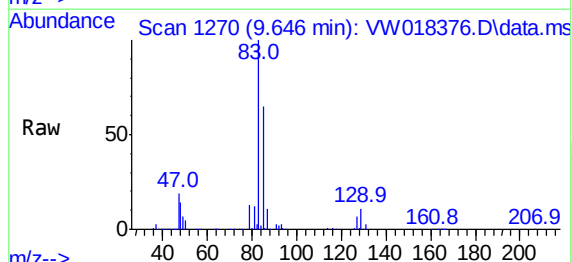
Instrument :
MSVOA_W
ClientSampled :
VSTD02505

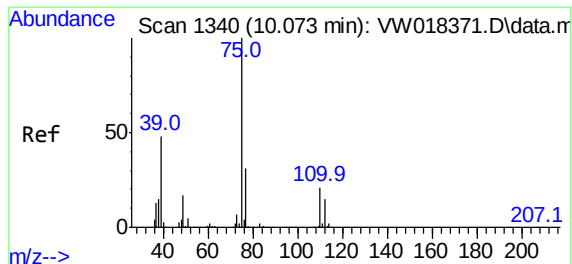
Tgt Ion: 63 Resp: 204645
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 26.78 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 83 Resp: 287353
Ion Ratio Lower Upper
83 100
85 65.2 43.8 81.4
127 7.4 6.9 10.3



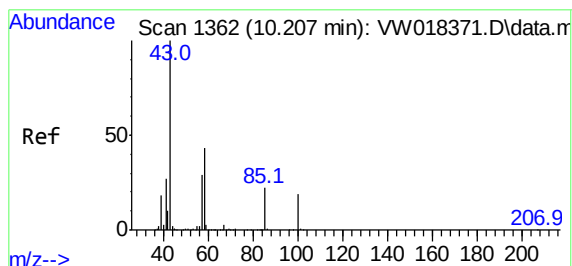
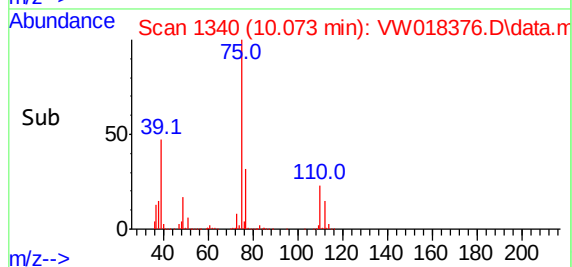
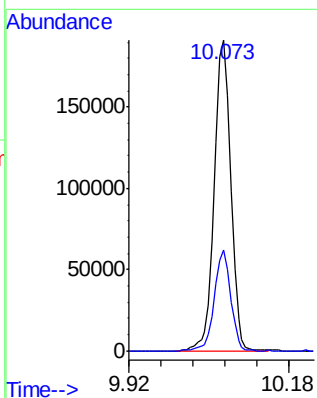
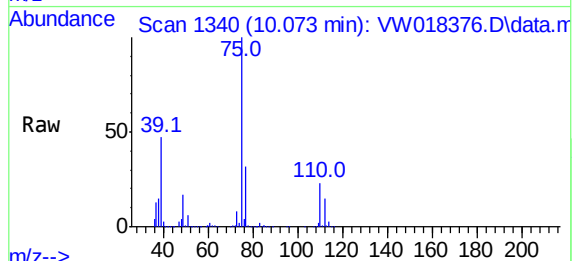


#42
 cis-1,3-Dichloropropene
 Concen: 27.45 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW018376.D
 Acq: 19 Mar 2021 09:55

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD02505

Tgt Ion: 75 Resp: 352314

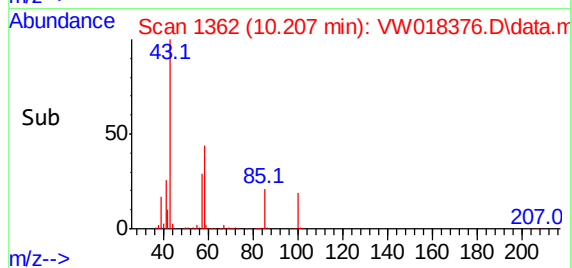
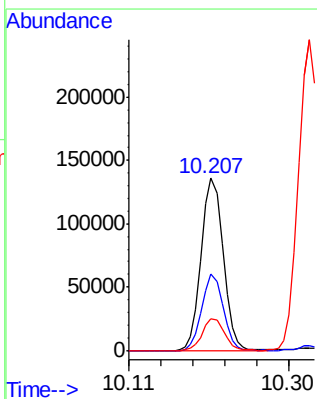
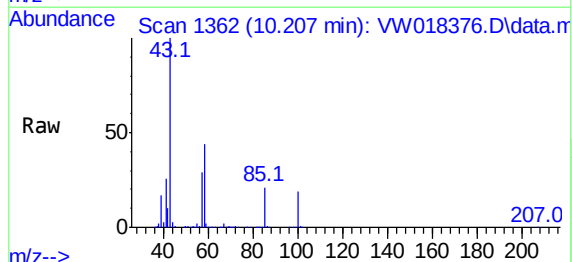
Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.4	41.6

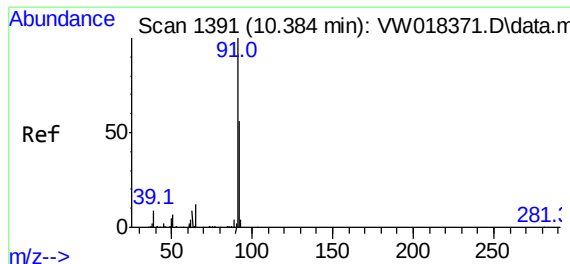


#43
 4-Methyl-2-pentanone
 Concen: 52.16 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW018376.D
 Acq: 19 Mar 2021 09:55

Tgt Ion: 43 Resp: 238102

Ion	Ratio	Lower	Upper
43	100		
58	42.9	34.8	52.2
100	18.4	15.9	23.9





#44

Toluene

Concen: 27.49 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW018376.D

Acq: 19 Mar 2021 09:55

Tgt Ion: 91 Resp: 969596

Ion Ratio Lower Upper

91 100

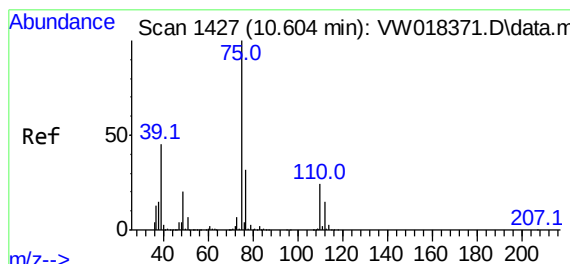
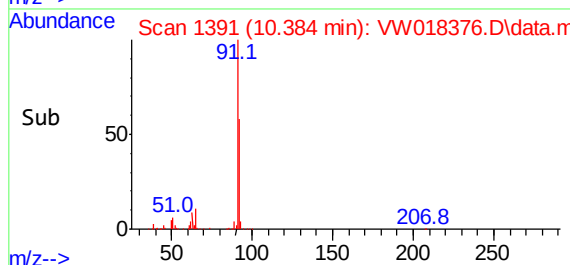
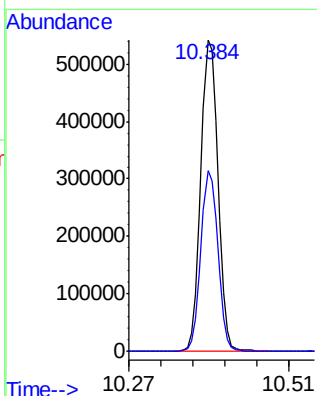
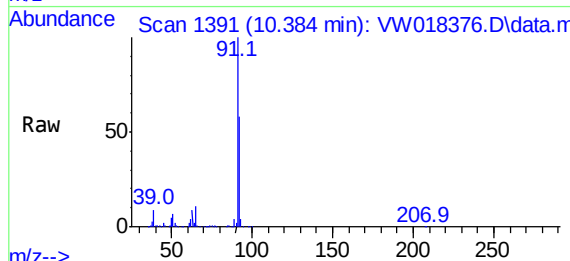
92 58.0 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505



#45

trans-1,3-Dichloropropene

Concen: 27.90 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.001 min

Lab File: VW018376.D

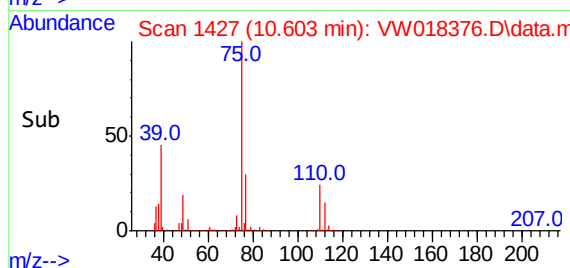
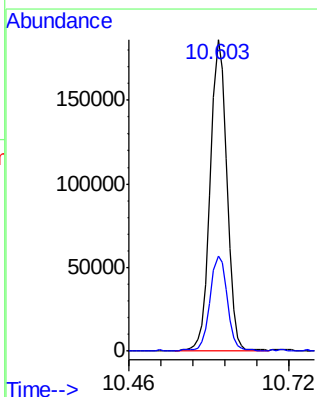
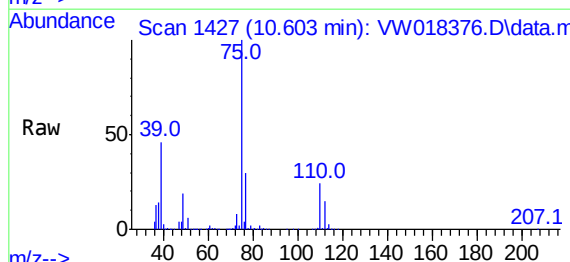
Acq: 19 Mar 2021 09:55

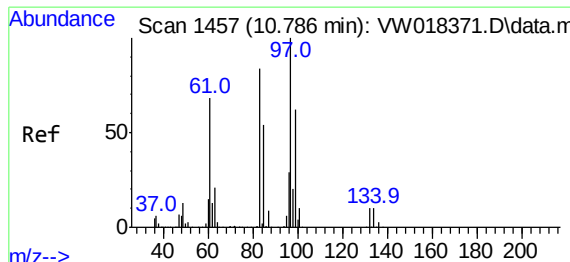
Tgt Ion: 75 Resp: 321550

Ion Ratio Lower Upper

75 100

77 30.2 22.6 42.0



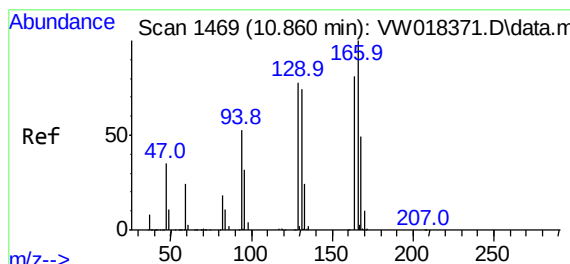
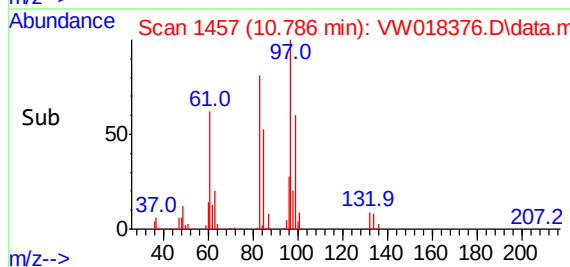
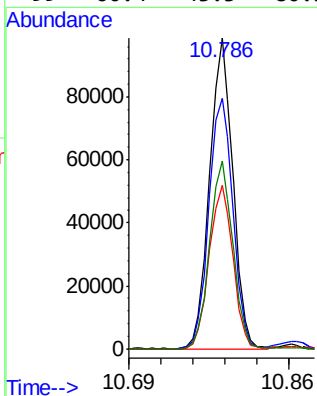
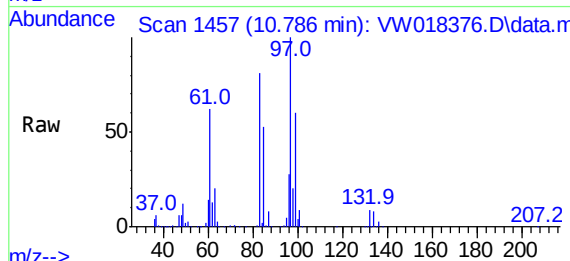


#46
1,1,2-Trichloroethane
Concen: 27.15 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion: 97 Resp: 164341

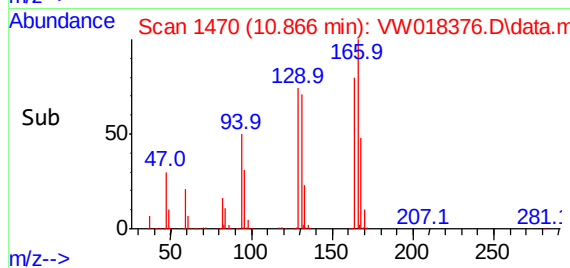
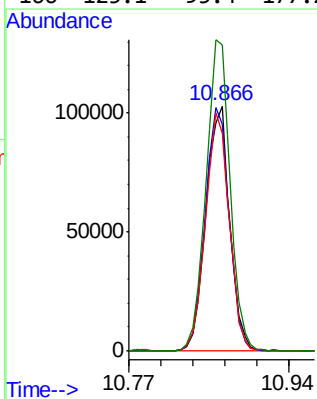
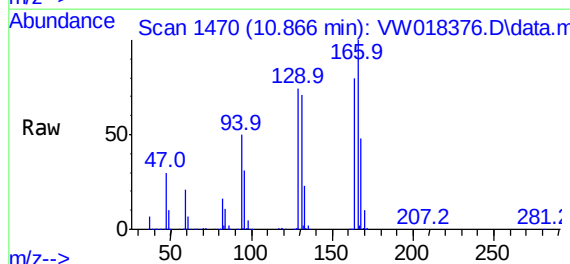
Ion	Ratio	Lower	Upper
97	100		
83	80.6	58.9	109.5
85	52.7	38.4	71.4
99	60.4	43.3	80.3

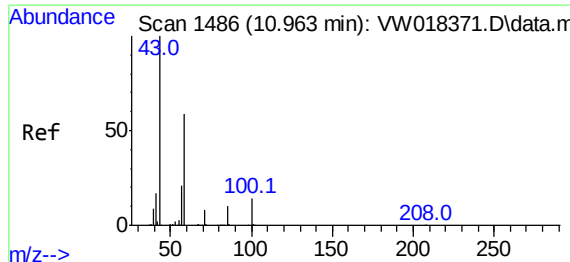


#47
Tetrachloroethene
Concen: 26.98 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 164 Resp: 175657

Ion	Ratio	Lower	Upper
164	100		
129	92.8	68.8	127.8
131	89.0	68.3	126.8
166	125.1	95.4	177.2



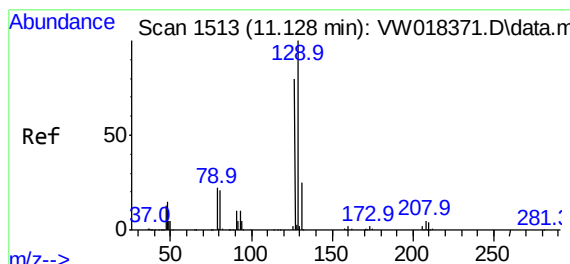
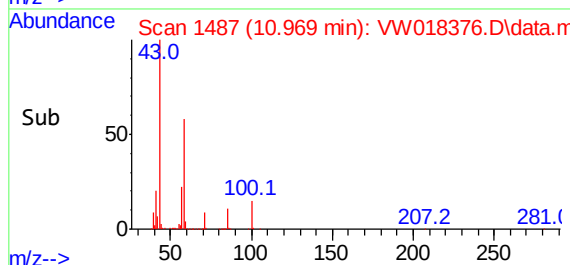
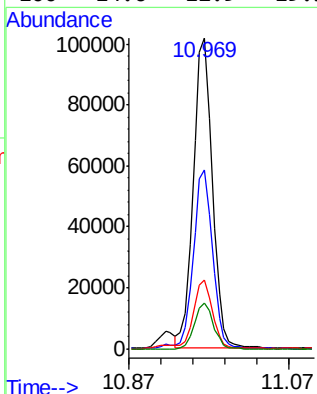
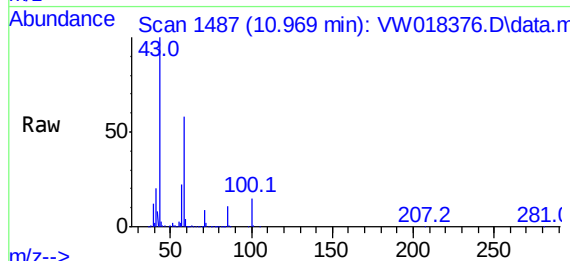


#49
2-Hexanone
Concen: 52.14 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion: 43 Resp: 168429

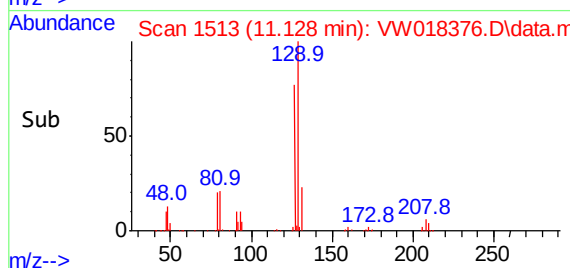
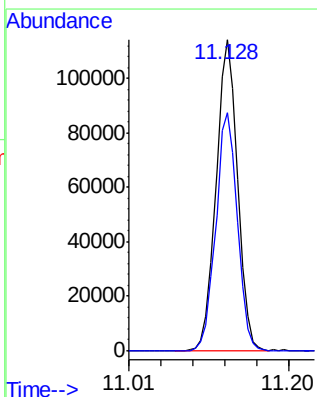
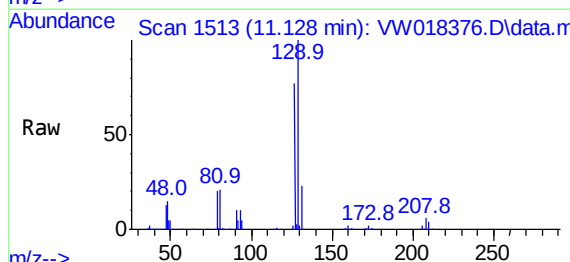
Ion	Ratio	Lower	Upper
43	100		
58	58.3	47.3	70.9
57	22.1	17.3	25.9
100	14.6	12.9	19.3

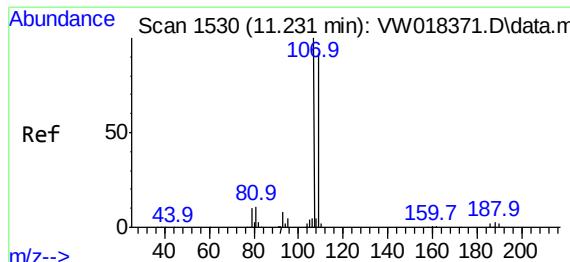


#50
Dibromochloromethane
Concen: 27.62 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 129 Resp: 197155

Ion	Ratio	Lower	Upper
129	100		
127	76.5	58.0	107.6

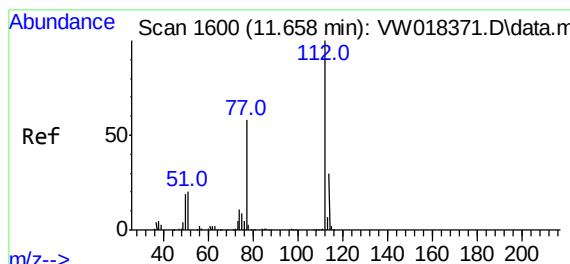
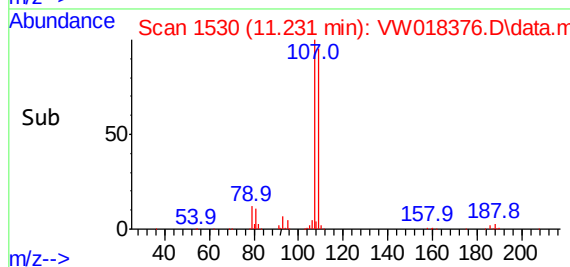
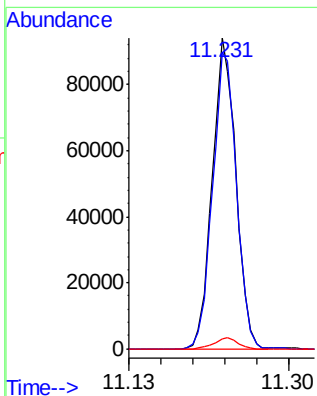
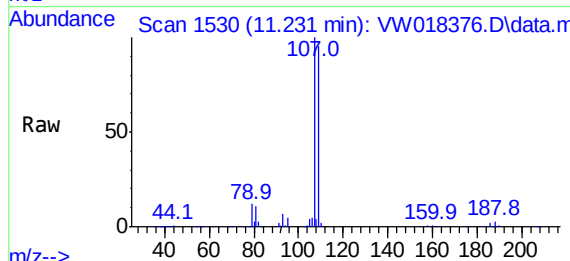




#51
1,2-Dibromoethane
Concen: 26.63 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

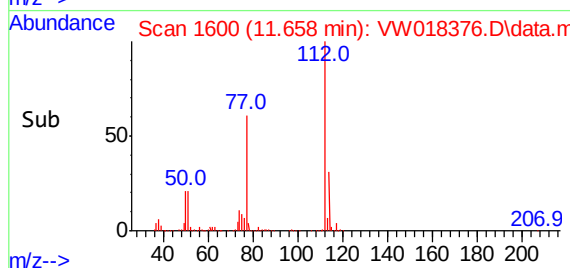
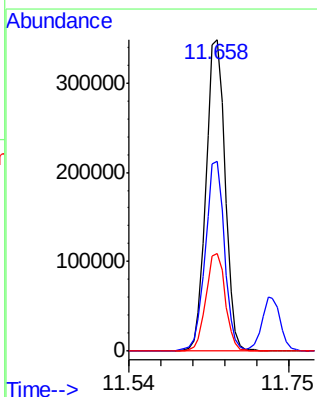
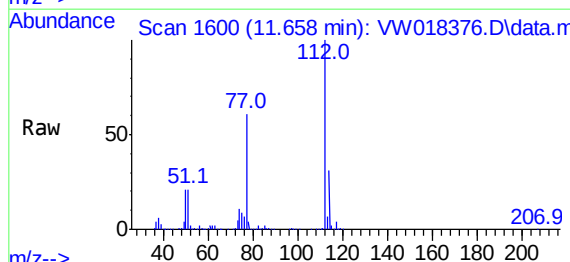
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

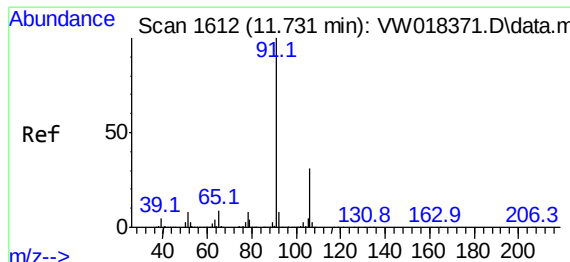
Tgt Ion:107 Resp: 159624
Ion Ratio Lower Upper
107 100
109 95.3 65.9 122.5
188 3.3 3.0 4.4



#52
Chlorobenzene
Concen: 27.02 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion:112 Resp: 604499
Ion Ratio Lower Upper
112 100
77 60.9 45.4 68.2
114 31.4 22.5 41.9

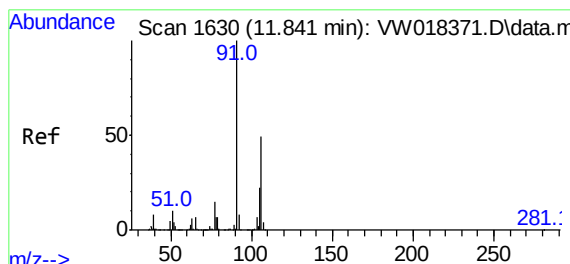
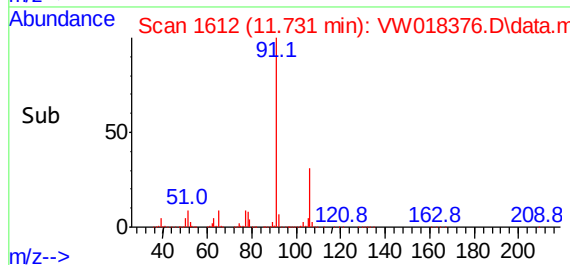
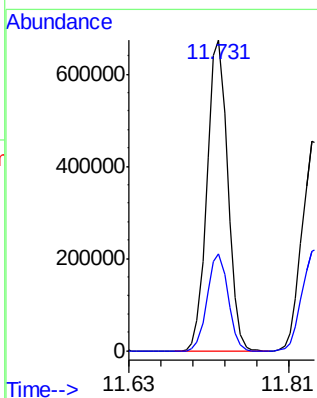
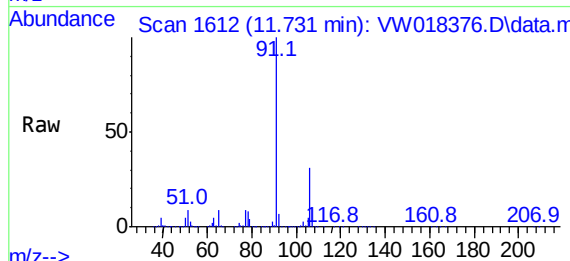




#53
Ethylbenzene
Concen: 27.33 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

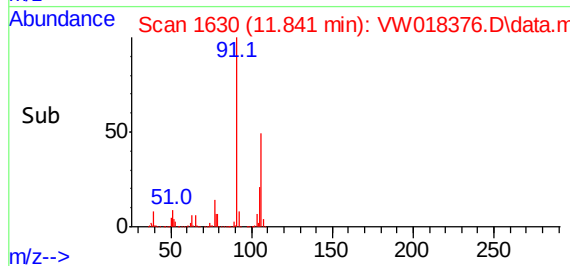
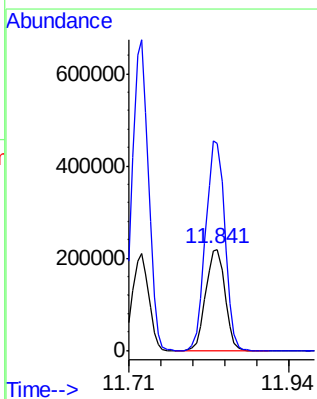
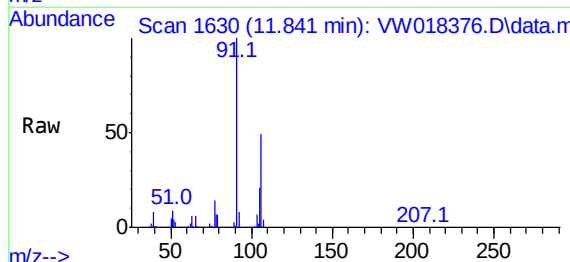
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

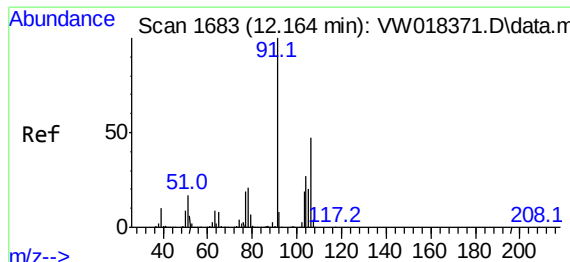
Tgt Ion: 91 Resp: 1086902
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#54
m,p-Xylene
Concen: 27.59 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 106 Resp: 419396
Ion Ratio Lower Upper
106 100
91 204.8 145.3 269.8

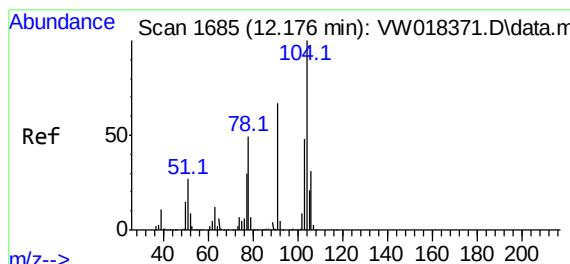
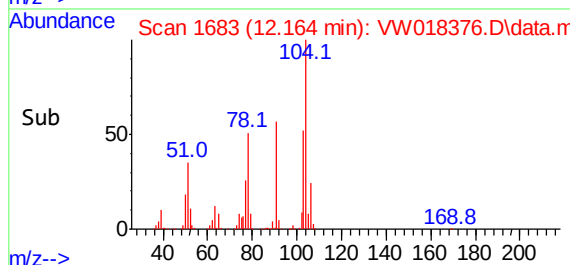
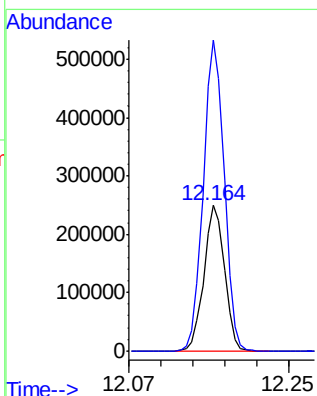
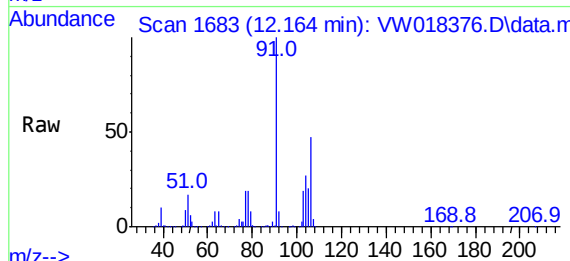




#55
o-xylene
Concen: 27.51 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

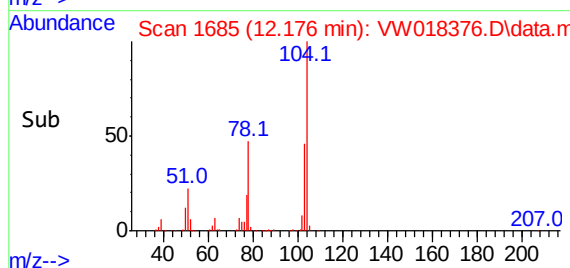
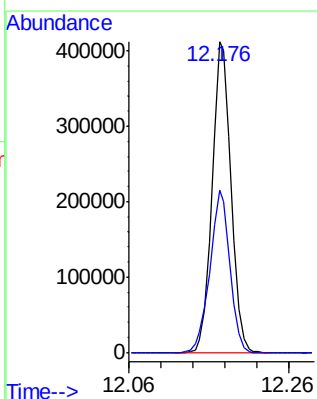
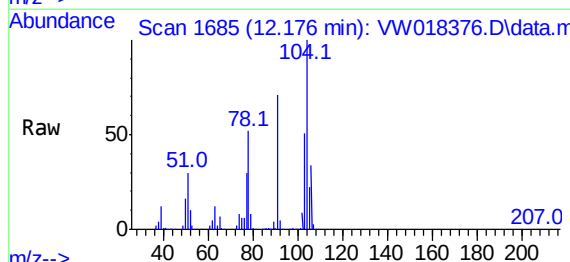
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

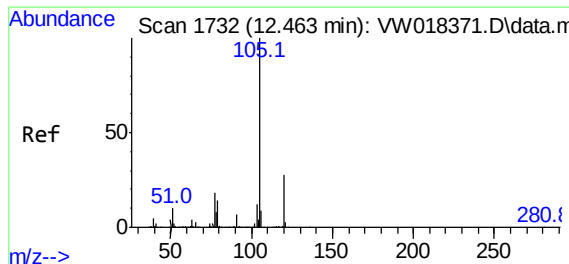
Tgt Ion:106 Resp: 398558
Ion Ratio Lower Upper
106 100
91 213.5 154.3 286.5



#56
Styrene
Concen: 27.30 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion:104 Resp: 674502
Ion Ratio Lower Upper
104 100
78 52.1 34.7 64.5



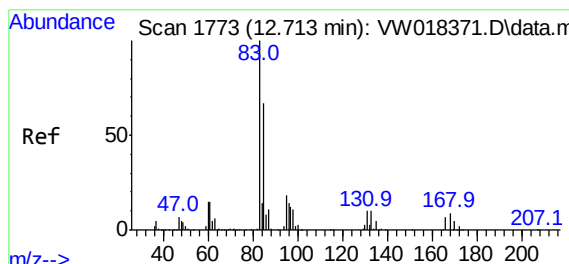
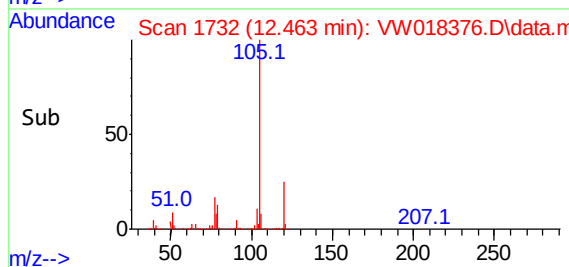
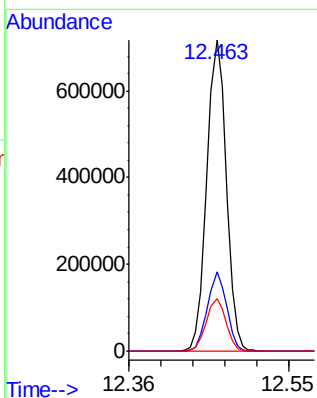
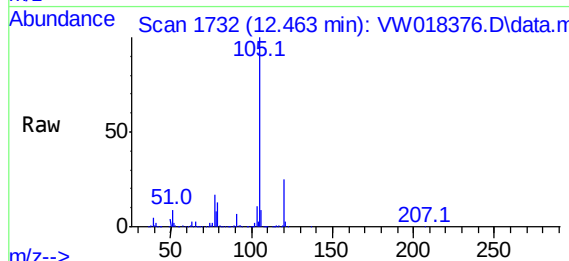


#57
Isopropylbenzene
Concen: 27.95 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion:105 Resp: 1101541

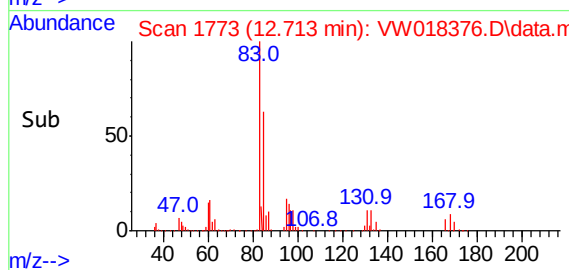
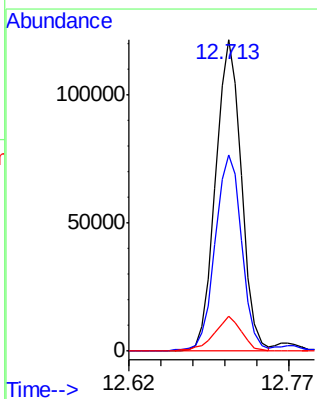
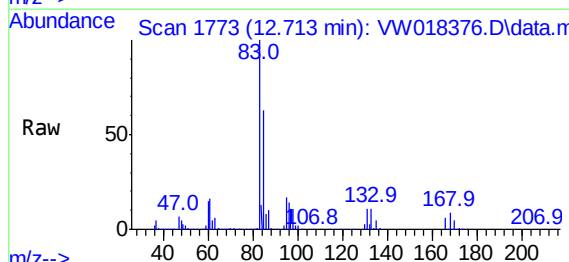
Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.9	31.3
77	16.7	13.2	19.8

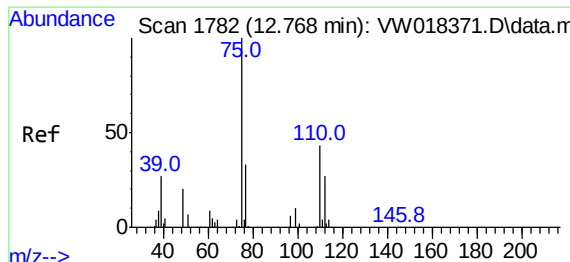


#58
1,1,2,2-Tetrachloroethane
Concen: 27.17 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 83 Resp: 199077

Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.0	91.0
131	10.9	8.7	13.1

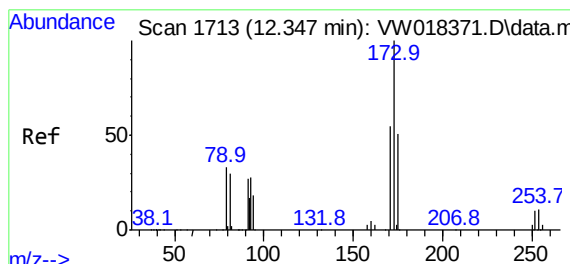
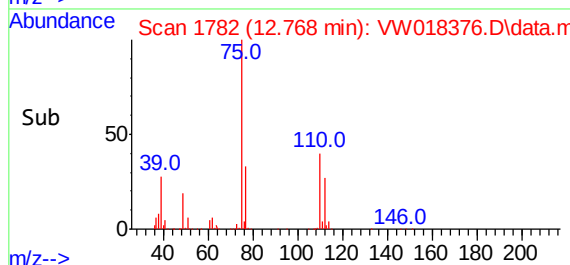
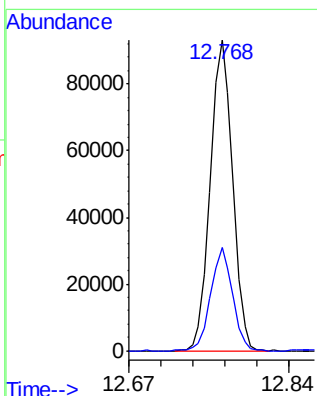
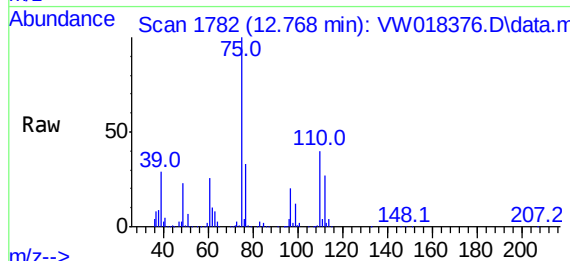




#59
1,2,3-Trichloropropane
Concen: 27.02 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

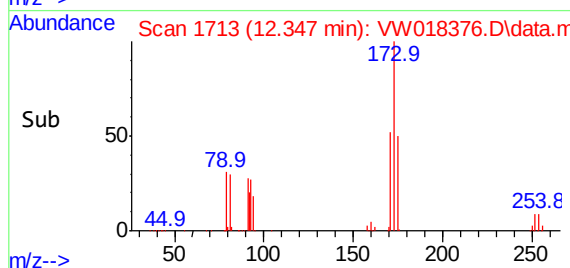
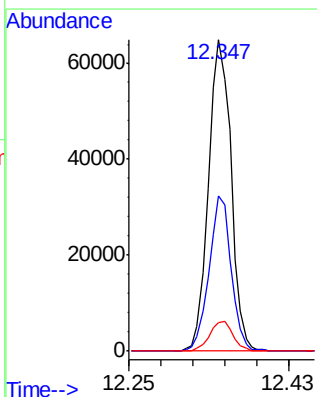
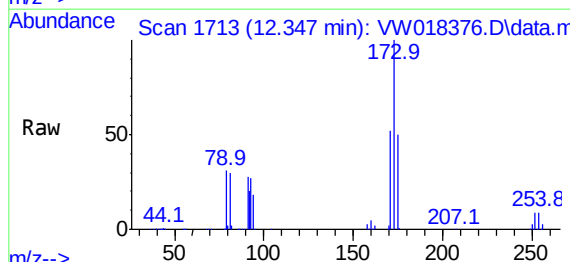
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

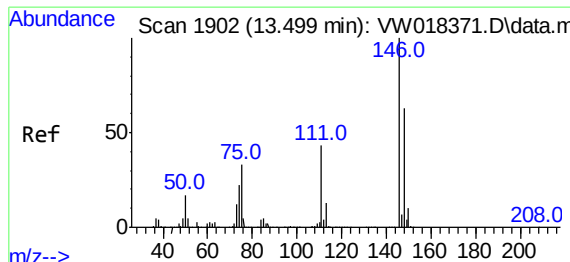
Tgt Ion: 75 Resp: 149417
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4



#62
Bromoform
Concen: 28.52 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 173 Resp: 113546
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.2
254 9.4 6.0 9.0#

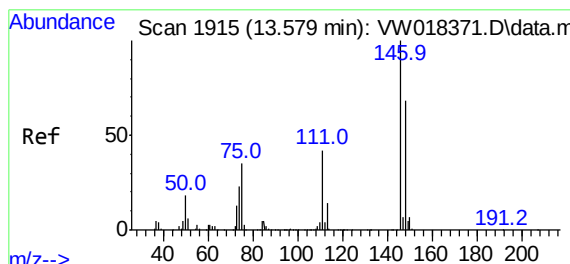
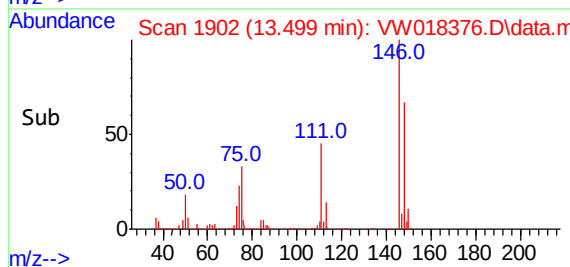
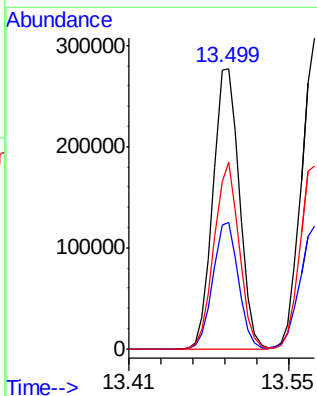
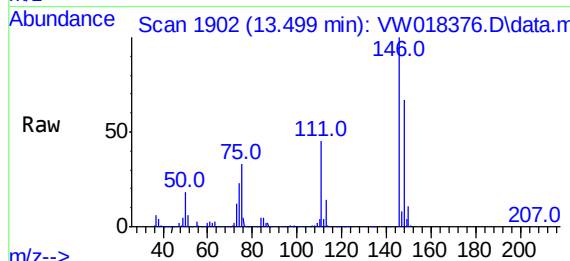




#63
1,3-Dichlorobenzene
Concen: 28.03 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

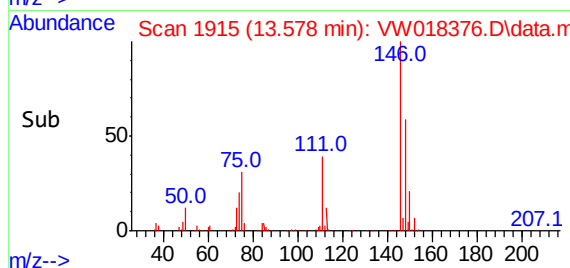
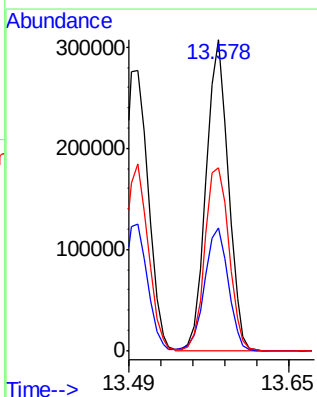
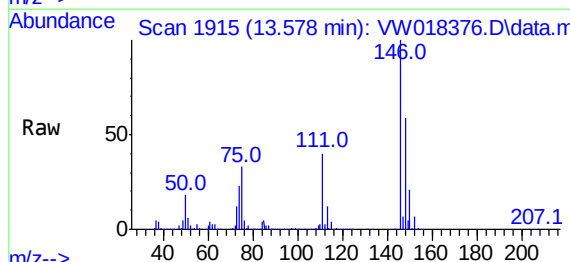
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

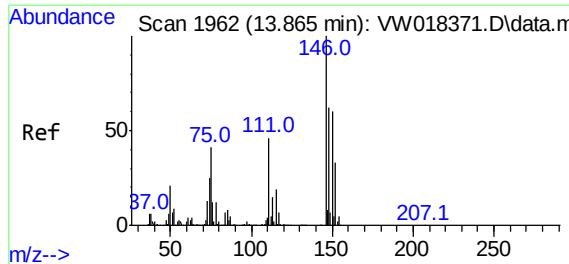
Tgt Ion:146 Resp: 465905
Ion Ratio Lower Upper
146 100
111 44.9 27.5 51.1
148 66.6 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 27.69 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion:146 Resp: 464329
Ion Ratio Lower Upper
146 100
111 39.5 28.3 52.5
148 58.8 47.3 87.9

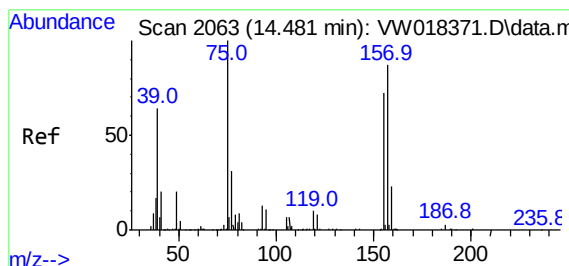
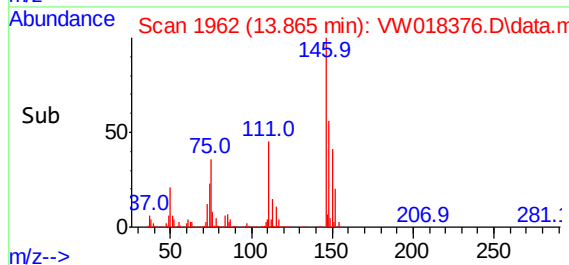
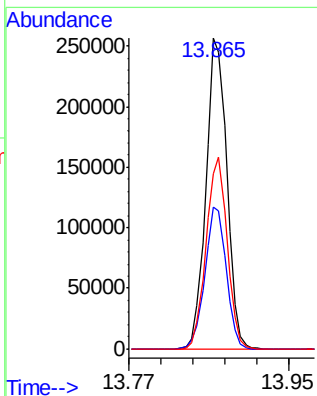
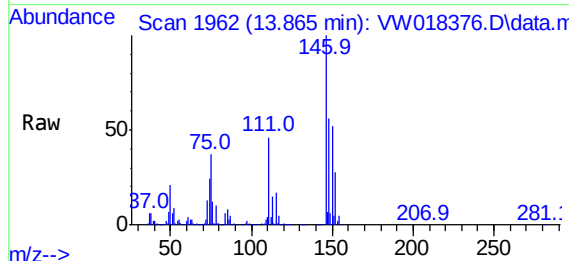




#65
1,2-Dichlorobenzene
Concen: 28.04 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

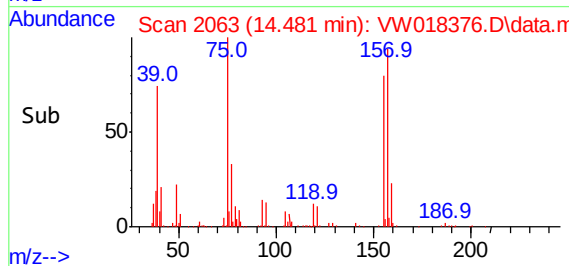
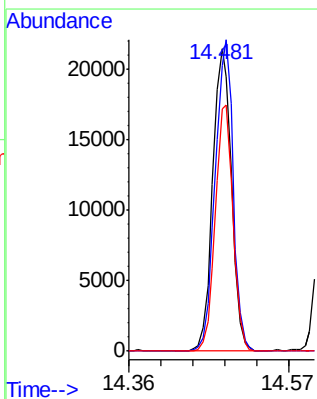
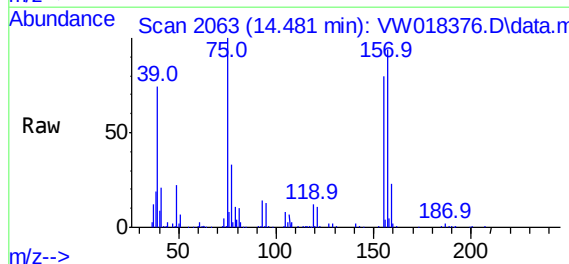
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

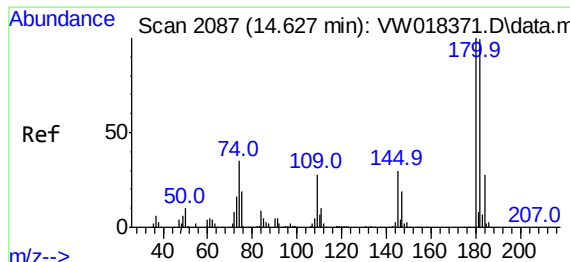
Tgt Ion:146 Resp: 416425
Ion Ratio Lower Upper
146 100
111 45.5 36.0 54.0
148 56.2 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 27.26 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion: 75 Resp: 36599
Ion Ratio Lower Upper
75 100
157 94.1 65.2 97.8
155 79.7 60.1 90.1

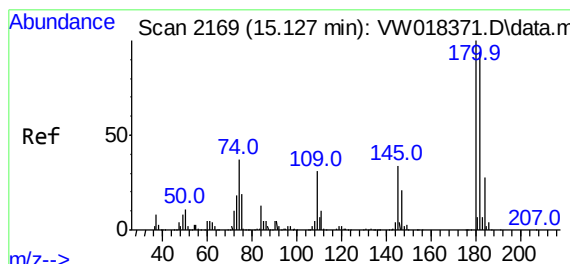
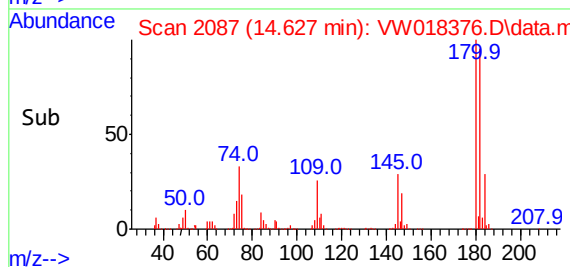
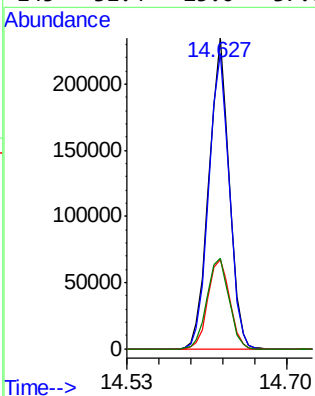
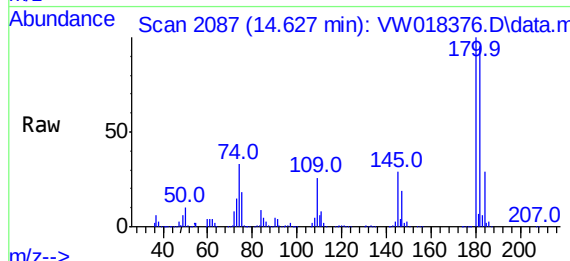




#67
1,3,5-Trichlorobenzene
Concen: 28.55 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

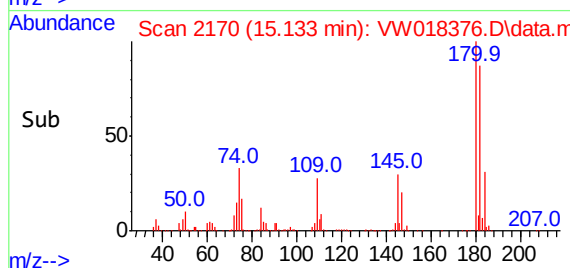
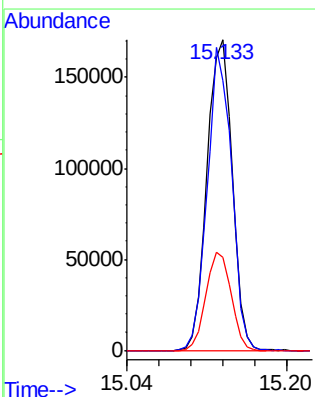
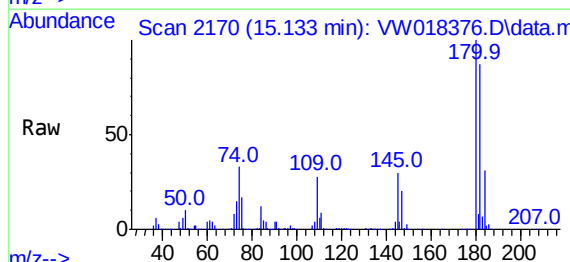
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

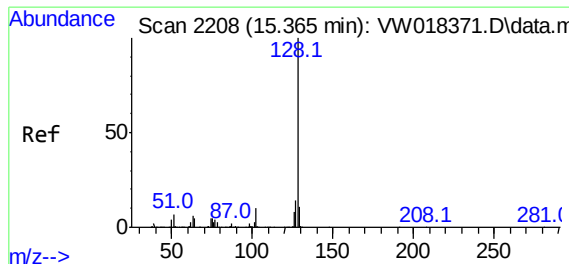
Tgt Ion:180 Resp: 342151
Ion Ratio Lower Upper
180 100
182 96.4 71.8 107.8
184 30.8 23.5 35.3
145 31.4 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 28.61 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion:180 Resp: 291738
Ion Ratio Lower Upper
180 100
182 93.8 70.2 105.4
145 31.5 24.9 37.3

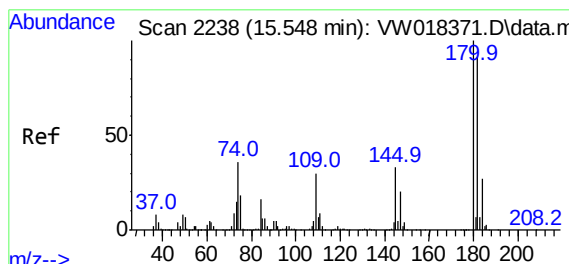
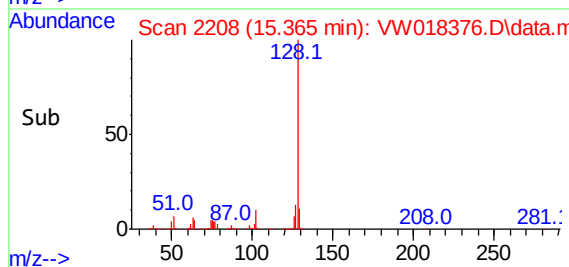
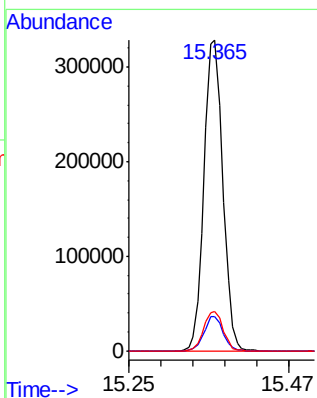
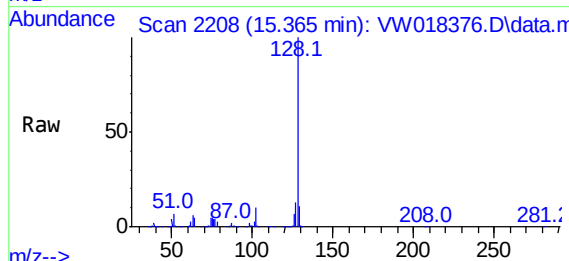




#69
Naphthalene
Concen: 27.81 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion:128 Resp: 590613
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 27.81 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW018376.D
Acq: 19 Mar 2021 09:55

Tgt Ion:180 Resp: 247503
Ion Ratio Lower Upper
180 100
182 96.1 76.5 114.7
145 31.9 27.7 41.5

