

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018471.D
 Acq On : 26 Mar 2021 15:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Mar 27 01:34:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 01:30:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	513688	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470390	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	239955	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	129846	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.64%
7) Chloroethane-d5	2.892	69	122159	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
10) 1,1-Dichloroethene-d2	4.032	63	254103	20.59	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.36%
20) 2-Butanone-d5	7.086	46	64375	40.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.90%
24) Chloroform-d	7.653	84	292464	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	8.305	65	169925	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.275	84	530819	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.274	67	156176	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.60%
37) Toluene-d8	10.323	98	518738	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.16%
38) trans-1,3-Dichloroprop...	10.579	79	76665	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.44%
39) 2-Hexanone-d5	10.927	63	58848	41.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.38%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	146503	22.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	189252	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	124477	21.10	ug/L	94
3) Chloromethane	2.215	50	155906	20.96	ug/L	99
5) Vinyl chloride	2.367	62	230981	23.65	ug/L	99
6) Bromomethane	2.788	94	173377	24.58	ug/L	99
8) Chloroethane	2.928	64	148669	24.41	ug/L	100
9) Trichlorofluoromethane	3.269	101	127111	25.87	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	163662	25.90	ug/L	100
12) 1,1-Dichloroethene	4.050	96	159217	24.69	ug/L	91
13) Acetone	4.141	43	45427	39.73	ug/L	97
14) Carbon disulfide	4.385	76	449723	23.16	ug/L	100
15) Methyl Acetate	4.678	43	61112	23.37	ug/L	99
16) Methylene chloride	4.922	84	177716	21.09	ug/L	94
17) Methyl tert-butyl Ether	5.434	73	233692	24.81	ug/L	99
18) trans-1,2-Dichloroethene	5.434	96	174505	24.51	ug/L	96
19) 1,1-Dichloroethane	6.220	63	305719	25.17	ug/L	97
21) 2-Butanone	7.177	43	74571	41.05	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	186153	24.86	ug/L	96
23) Bromochloromethane	7.519	128	83296	25.13	ug/L	90
25) Chloroform	7.677	83	324709	25.19	ug/L	100
27) 1,2-Dichloroethane	8.403	62	230346	25.19	ug/L	100

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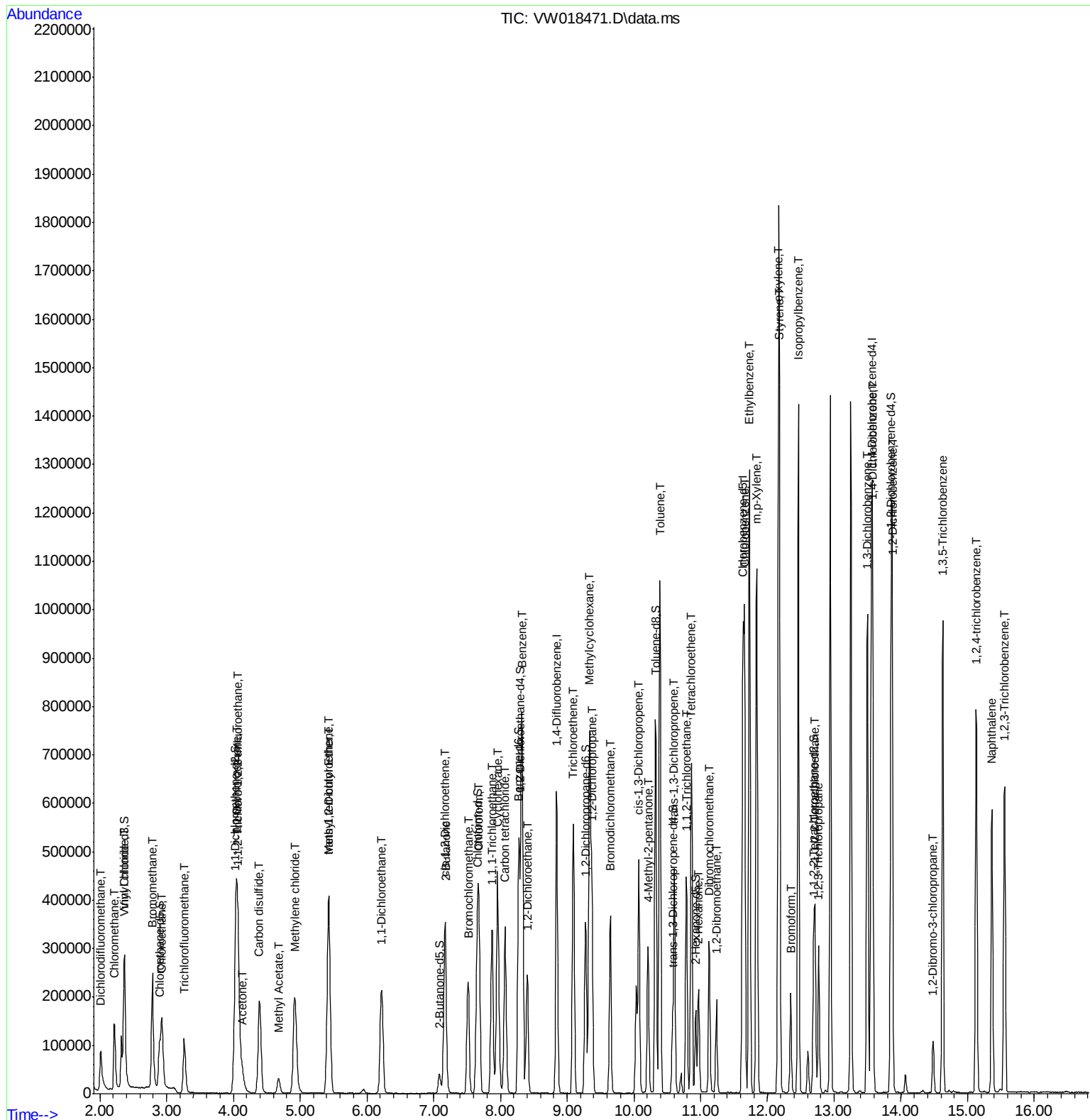
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	262272	23.49	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	269870	25.67	ug/L	98
32) Carbon tetrachloride	8.073	117	251433	25.66	ug/L	99
34) Benzene	8.323	78	692739	25.43	ug/L	100
35) Trichloroethene	9.092	95	188126	25.00	ug/L	97
36) Methylcyclohexane	9.335	83	322068	24.44	ug/L	99
40) 1,2-Dichloropropane	9.372	63	165362	24.81	ug/L	97
41) Bromodichloromethane	9.646	83	241132	25.60	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	276825	24.56	ug/L	97
43) 4-Methyl-2-pentanone	10.213	43	184193	45.96	ug/L	97
44) Toluene	10.390	91	774764	25.02	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	244765	24.19	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	136180	25.63	ug/L	100
47) Tetrachloroethene	10.860	164	145060	25.38	ug/L	93
49) 2-Hexanone	10.969	43	128154	45.19	ug/L	99
50) Dibromochloromethane	11.128	129	159574	25.47	ug/L	97
51) 1,2-Dibromoethane	11.238	107	130365	24.77	ug/L	98
52) Chlorobenzene	11.658	112	499389	25.43	ug/L	97
53) Ethylbenzene	11.731	91	884102	25.32	ug/L	99
54) m,p-Xylene	11.841	106	343588	25.75	ug/L	97
55) o-xylene	12.164	106	328340	25.81	ug/L	98
56) Styrene	12.182	104	562882	25.95	ug/L	99
57) Isopropylbenzene	12.463	105	886209	25.62	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	160016	24.88	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	120971	24.92	ug/L	98
62) Bromoform	12.353	173	89561	24.34	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	381214	24.82	ug/L	93
64) 1,4-Dichlorobenzene	13.579	146	393184	25.37	ug/L	93
65) 1,2-Dichlorobenzene	13.871	146	344296	25.08	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	26979	21.75	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.627	180	284281	25.67	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	242592	25.74	ug/L	95
69) Naphthalene	15.365	128	486133	24.77	ug/L	98
70) 1,2,3-Trichlorobenzene	15.554	180	210374	25.58	ug/L	97

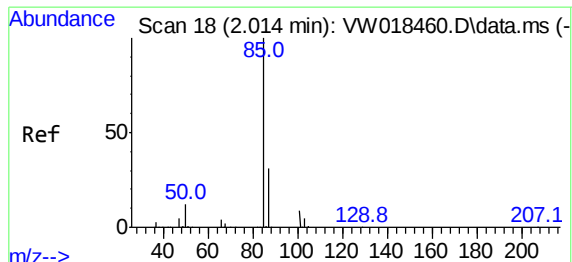
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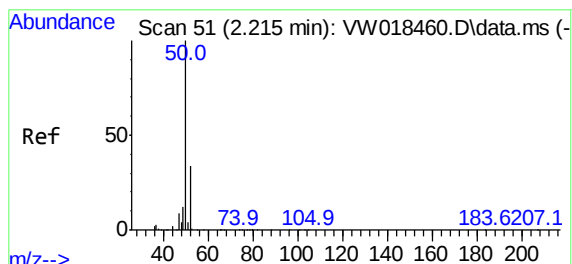
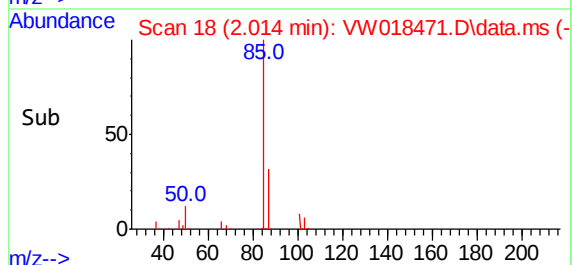
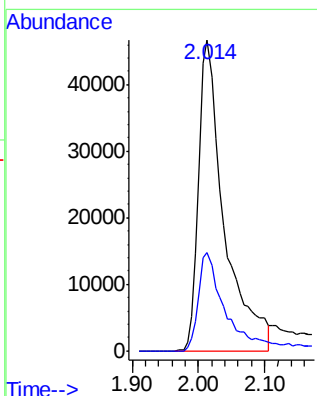
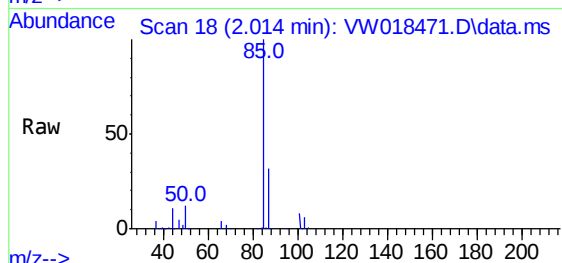




#2
Dichlorodifluoromethane
Concen: 21.10 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

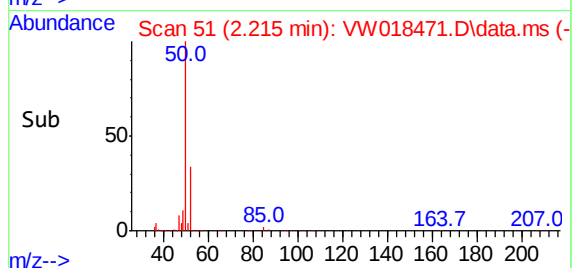
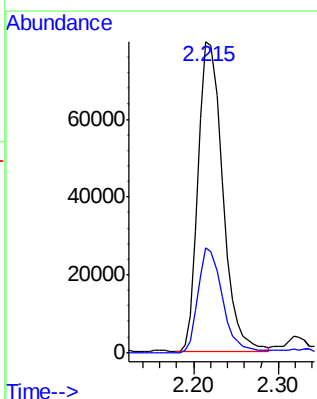
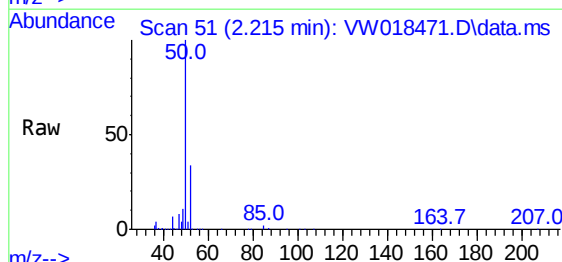
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MSVOA_W
ClientSampleId :
VSTD02517

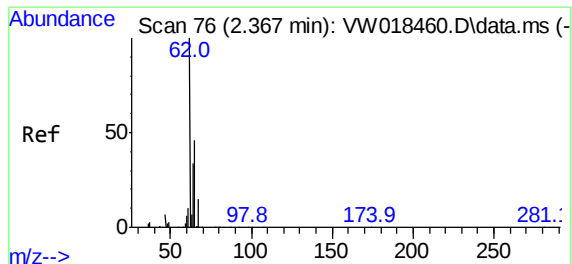
Tgt Ion: 85 Resp: 124477
Ion Ratio Lower Upper
85 100
87 28.5 22.2 41.2



#3
Chloromethane
Concen: 20.96 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 50 Resp: 155906
Ion Ratio Lower Upper
50 100
52 33.5 23.7 43.9

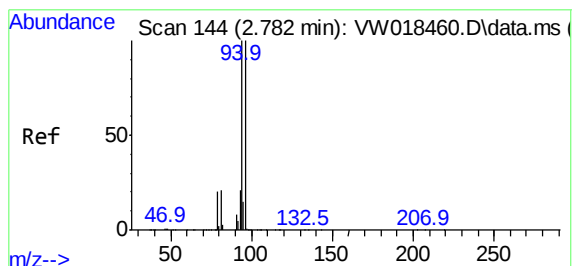
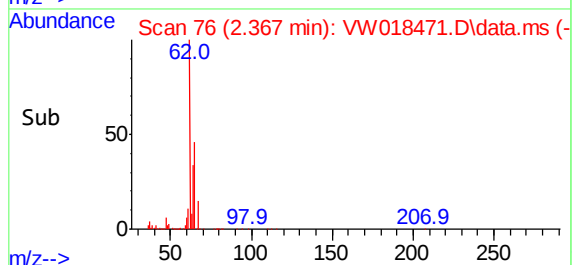
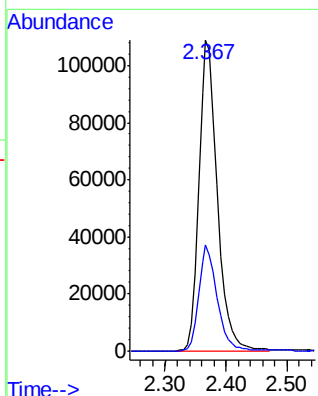
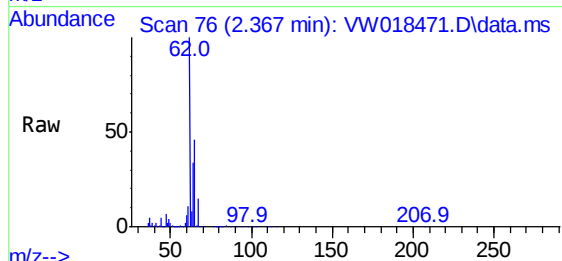




#5
 Vinyl chloride
 Concen: 23.65 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018471.D
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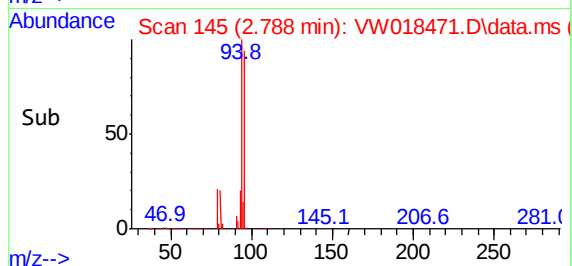
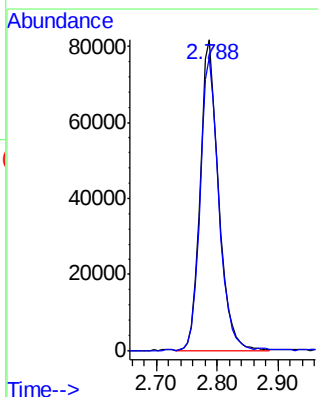
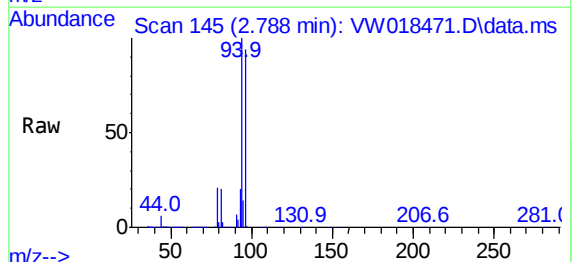
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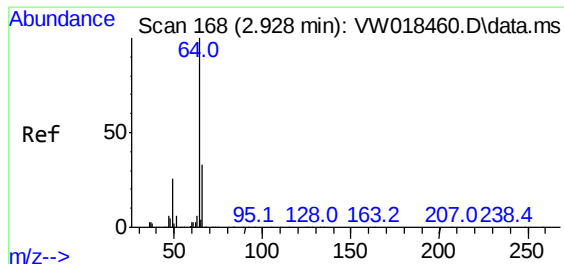
Tgt Ion: 62 Resp: 230981
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.5 43.7



#6
 Bromomethane
 Concen: 24.58 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018471.D
 Acq: 26 Mar 2021 15:26

Tgt Ion: 94 Resp: 173377
 Ion Ratio Lower Upper
 94 100
 96 95.3 9.4 179.4

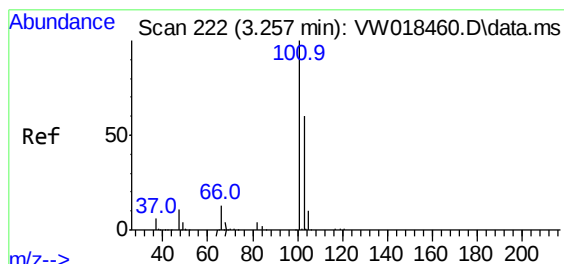
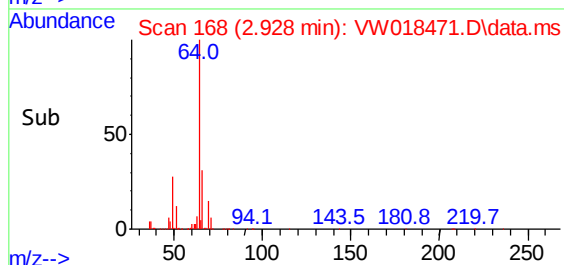
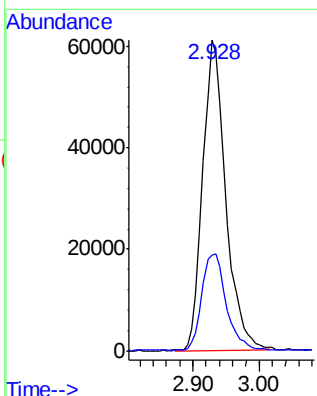
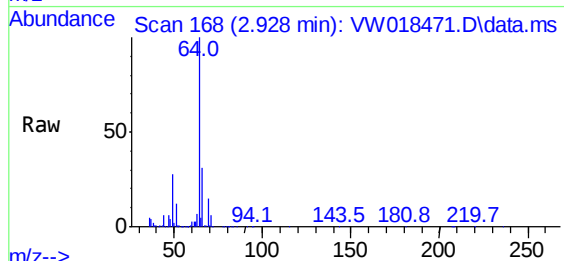




#8
Chloroethane
Concen: 24.41 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

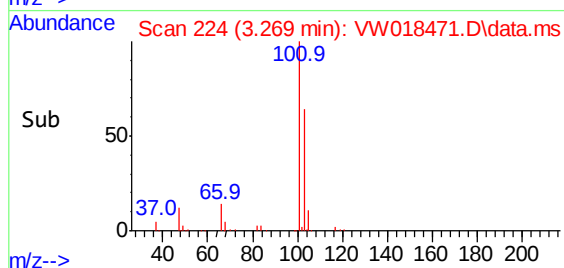
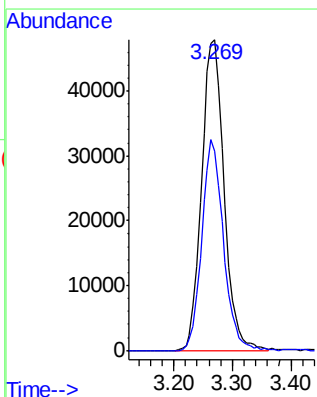
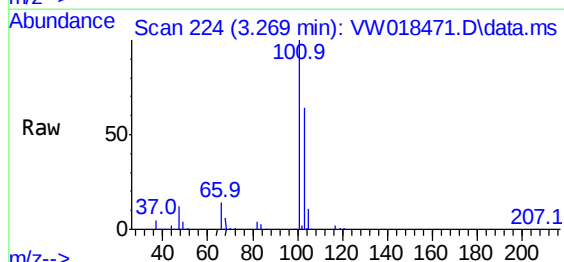
Instrument :
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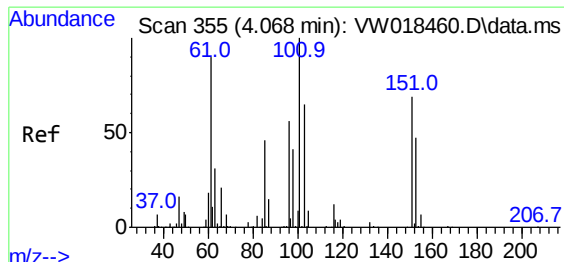
Tgt Ion: 64 Resp: 148669
Ion Ratio Lower Upper
64 100
66 31.0 21.6 40.0



#9
Trichlorofluoromethane
Concen: 25.87 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.012 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 101 Resp: 127111
Ion Ratio Lower Upper
101 100
103 65.1 45.6 84.8



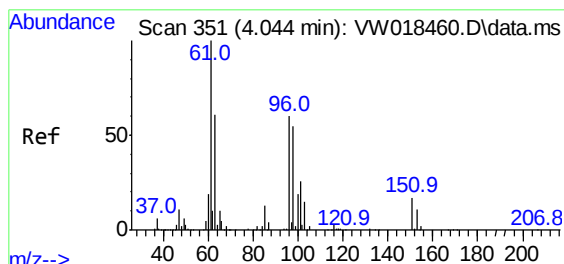
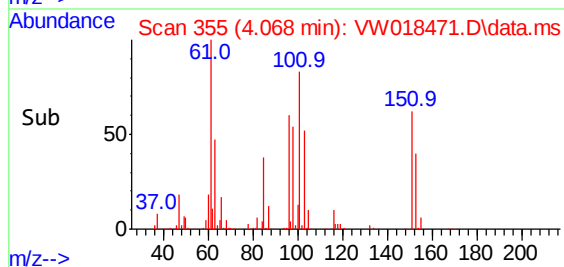
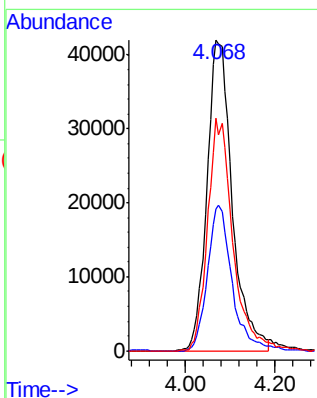
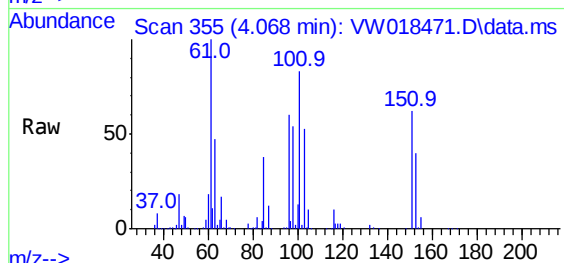


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.90 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018471.D
 Acq: 26 Mar 2021 15:26

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 163662

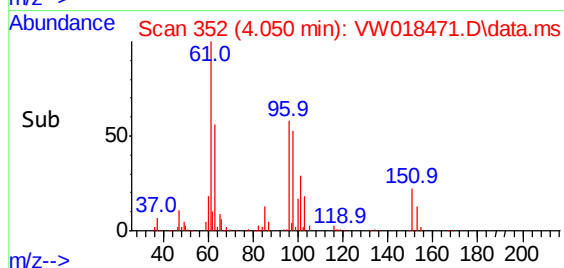
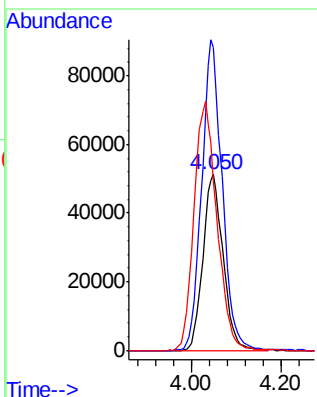
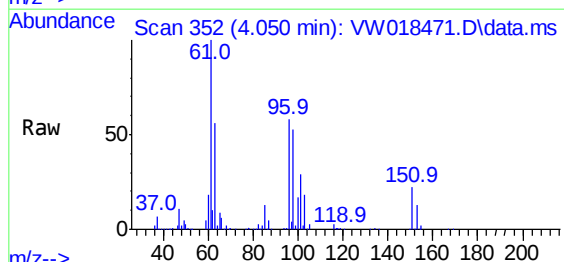
Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.6	53.4
151	72.5	58.1	87.1

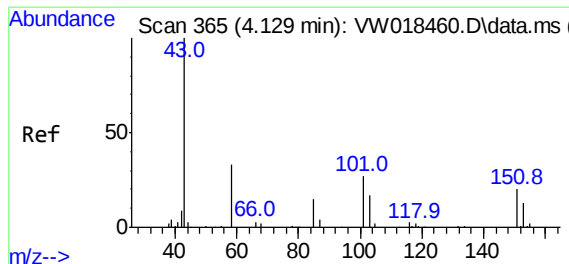


#12
 1,1-Dichloroethene
 Concen: 24.69 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018471.D
 Acq: 26 Mar 2021 15:26

Tgt Ion: 96 Resp: 159217

Ion	Ratio	Lower	Upper
96	100		
61	172.5	118.6	220.2
63	96.1	82.4	153.0

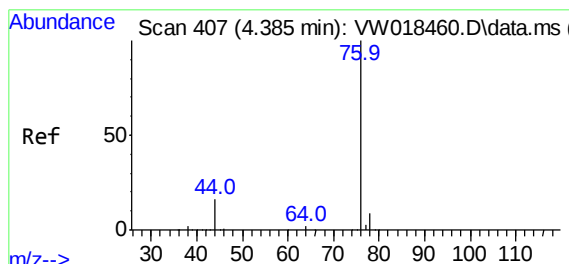
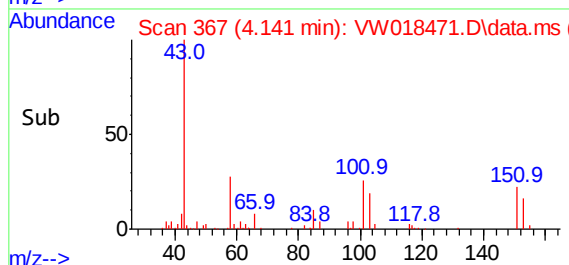
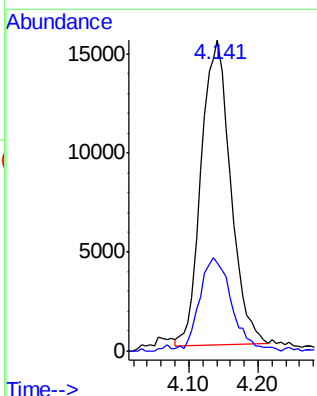
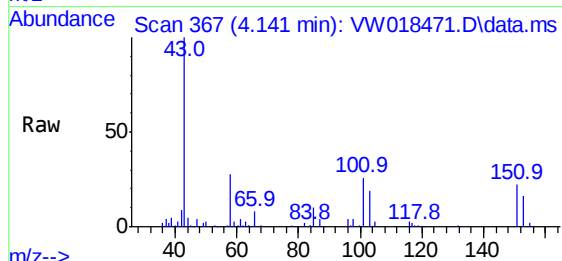




#13
Acetone
Concen: 39.73 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

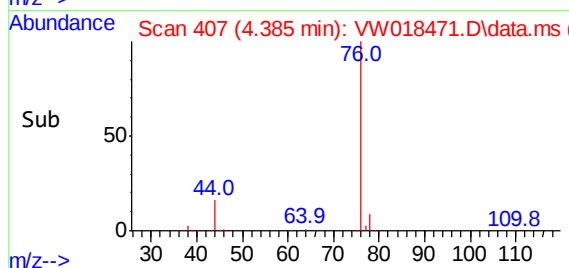
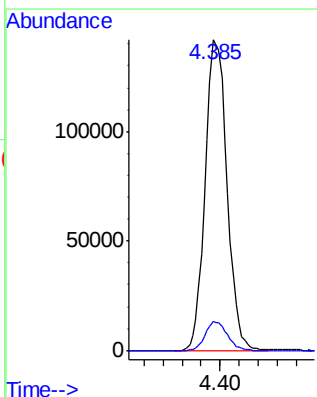
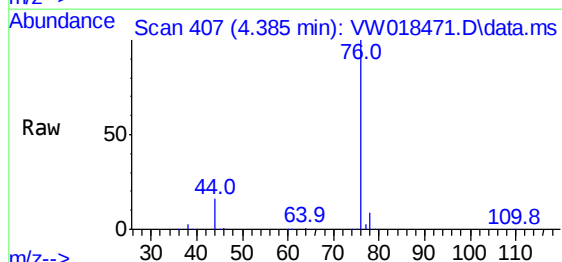
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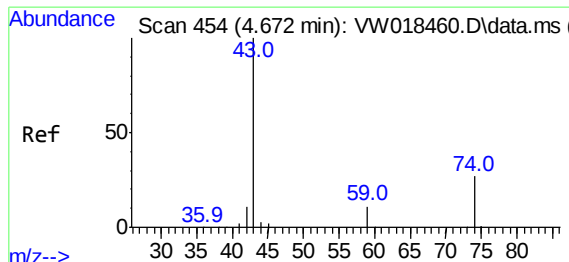
Tgt Ion: 43 Resp: 45427
Ion Ratio Lower Upper
43 100
58 32.7 0.0 62.2



#14
Carbon disulfide
Concen: 23.16 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 449723
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

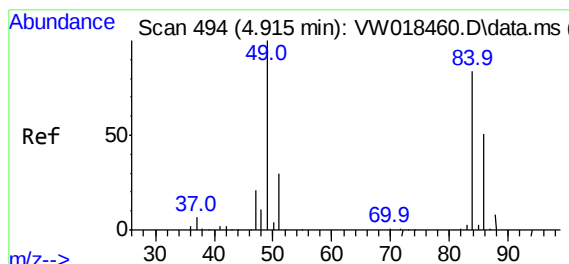
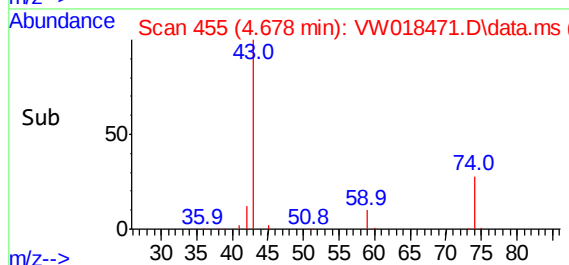
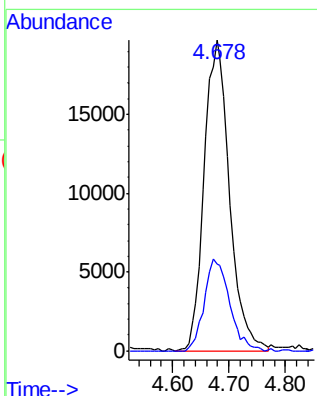
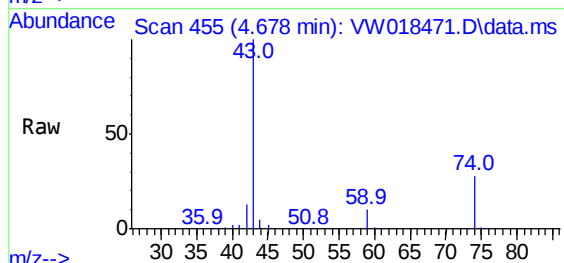




#15
Methyl Acetate
Concen: 23.37 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

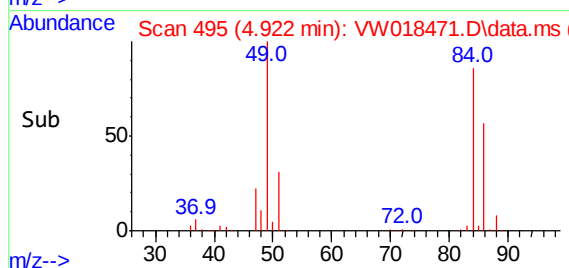
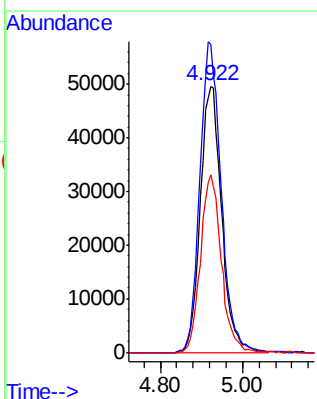
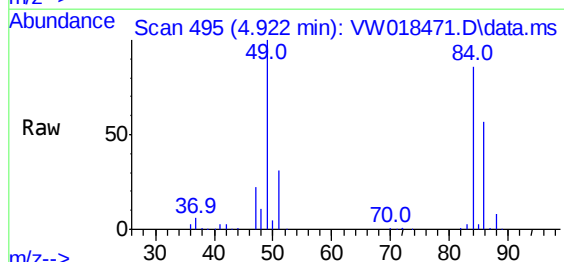
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

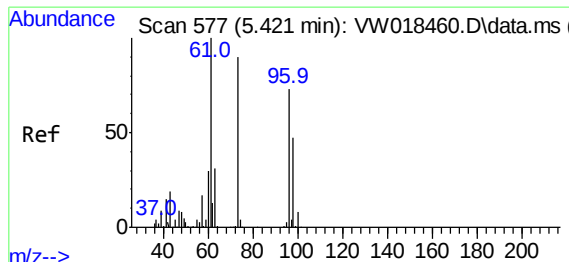
Tgt Ion: 43 Resp: 61112
Ion Ratio Lower Upper
43 100
74 29.2 22.9 34.3



#16
Methylene chloride
Concen: 21.09 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 84 Resp: 177716
Ion Ratio Lower Upper
84 100
49 116.0 74.4 138.2
86 66.7 46.1 85.7





#17

Methyl tert-butyl Ether

Concen: 24.81 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.012 min

Lab File: VW018471.D

Acq: 26 Mar 2021 15:26

Tgt Ion: 73 Resp: 233692

Ion Ratio Lower Upper

73 100

43 21.0 16.6 24.8

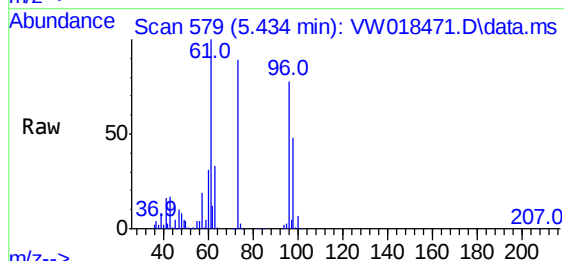
57 20.4 15.9 23.9

Instrument :

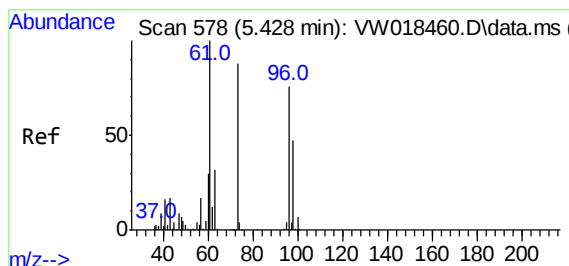
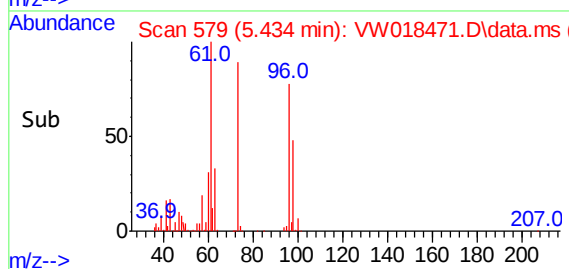
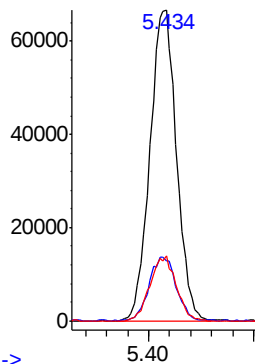
MSVOA_W

ClientSampleId :

VSTD02517



Abundance



#18

trans-1,2-Dichloroethene

Concen: 24.51 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW018471.D

Acq: 26 Mar 2021 15:26

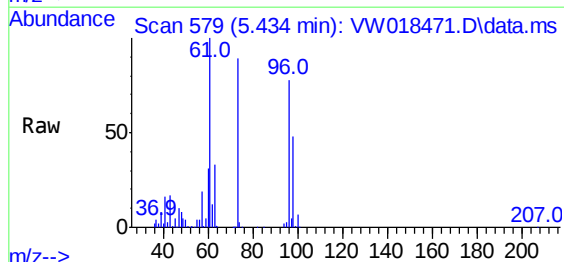
Tgt Ion: 96 Resp: 174505

Ion Ratio Lower Upper

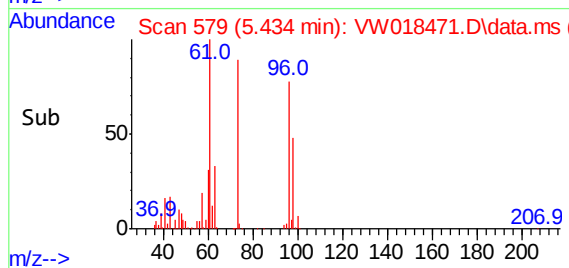
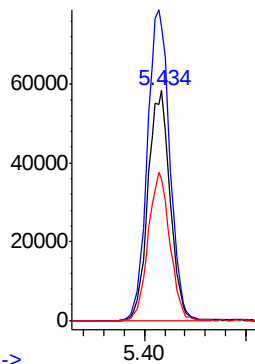
96 100

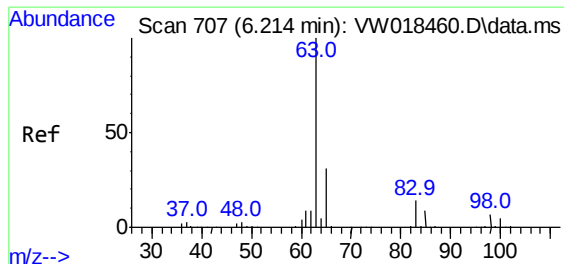
61 127.8 93.3 173.3

98 61.6 45.2 84.0



Abundance

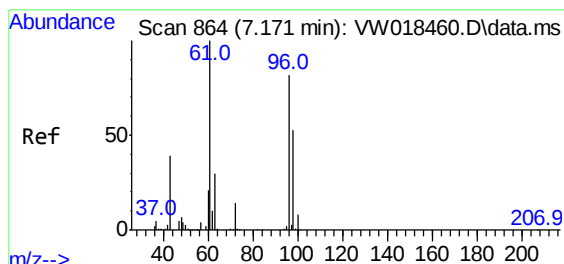
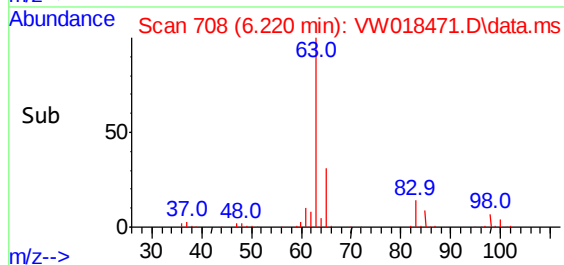
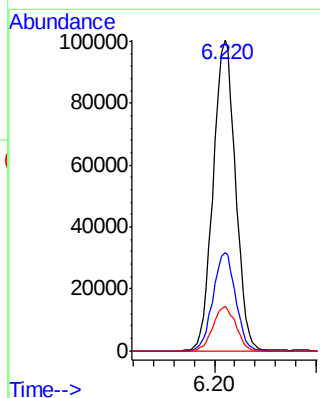
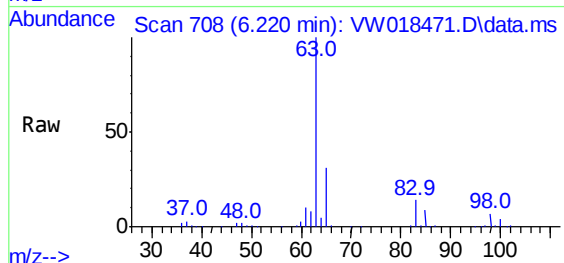




#19
1,1-Dichloroethane
Concen: 25.17 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

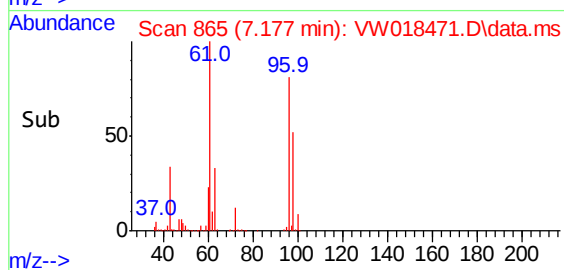
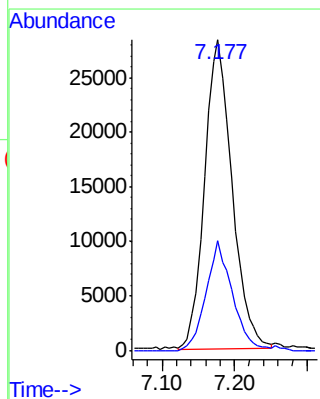
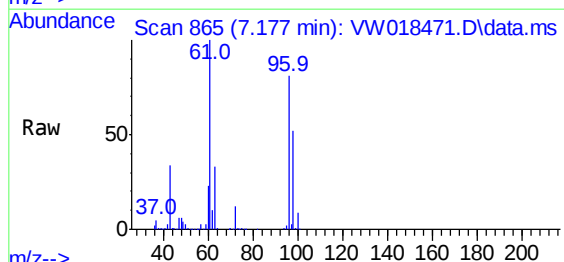
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

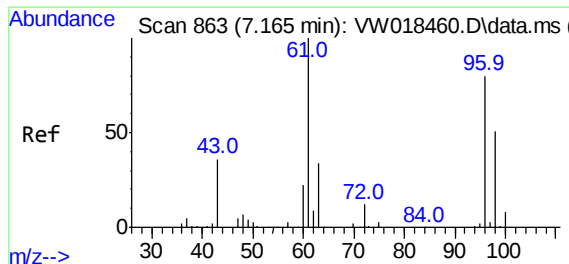
Tgt Ion: 63 Resp: 305719
Ion Ratio Lower Upper
63 100
65 31.4 23.5 43.7
83 14.3 10.3 19.1



#21
2-Butanone
Concen: 41.05 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 43 Resp: 74571
Ion Ratio Lower Upper
43 100
72 33.8 16.5 49.5

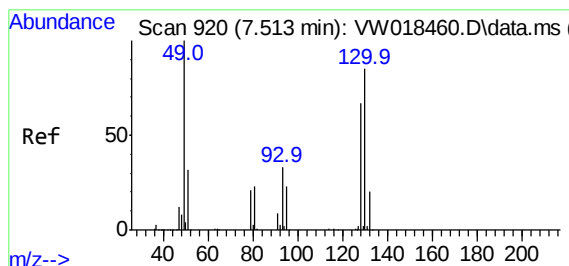
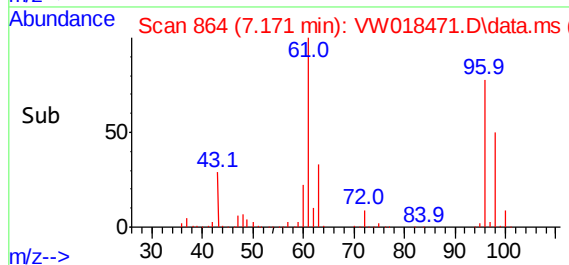
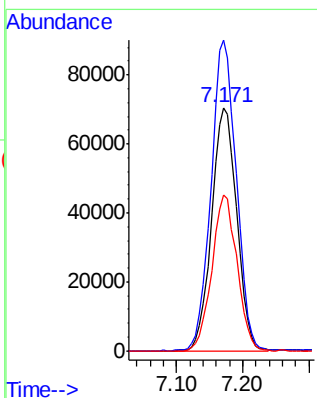
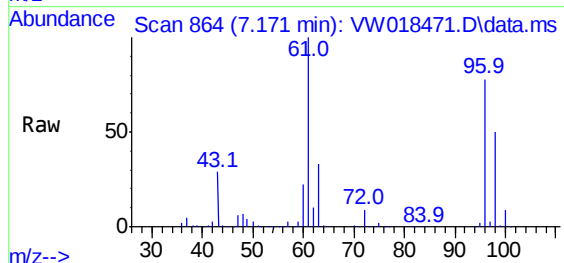




#22
cis-1,2-Dichloroethene
Concen: 24.86 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

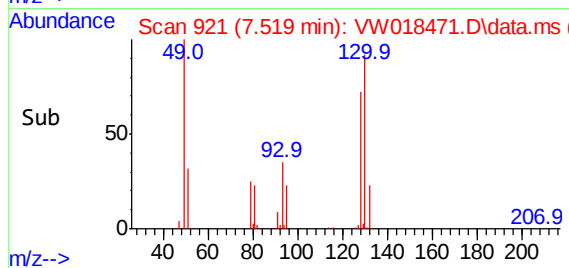
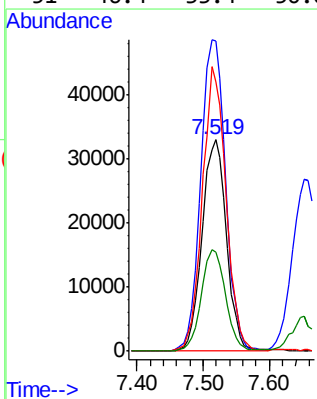
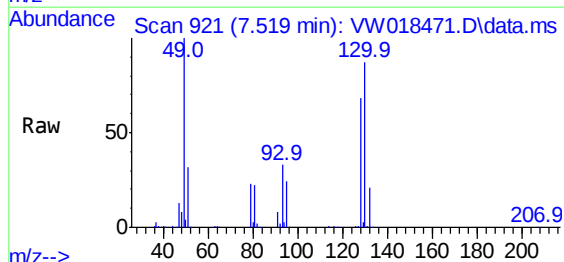
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

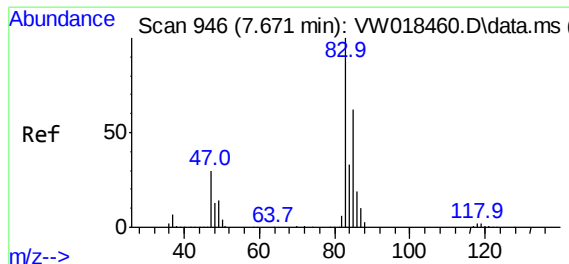
Tgt Ion: 96 Resp: 186153
Ion Ratio Lower Upper
96 100
61 127.6 84.8 157.6
98 64.3 45.1 83.9



#23
Bromochloromethane
Concen: 25.13 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 128 Resp: 83296
Ion Ratio Lower Upper
128 100
49 146.9 92.4 171.6
130 127.2 83.9 155.7
51 46.4 33.4 50.0

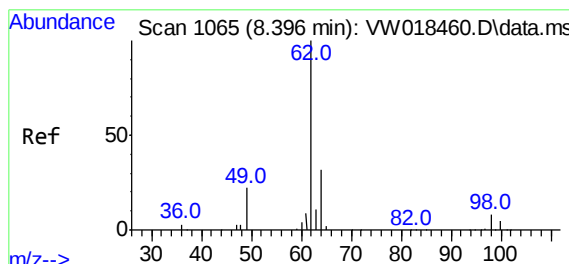
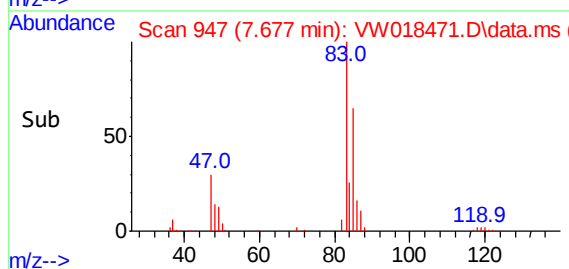
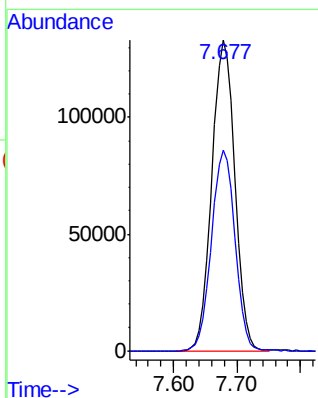
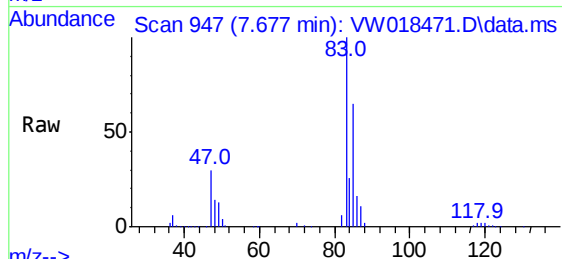




#25
Chloroform
Concen: 25.19 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

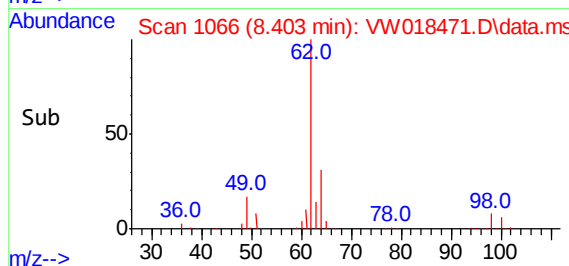
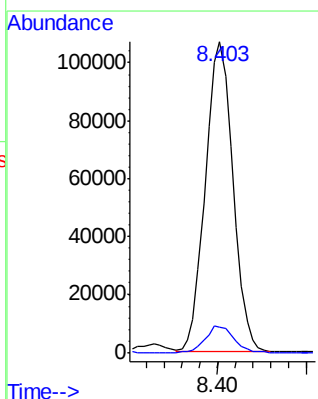
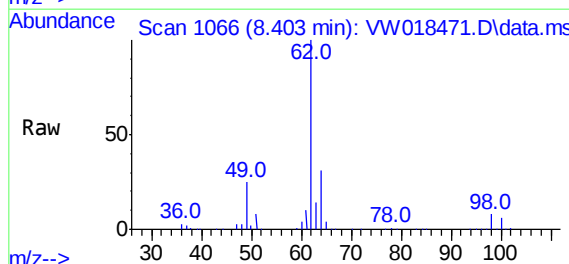
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

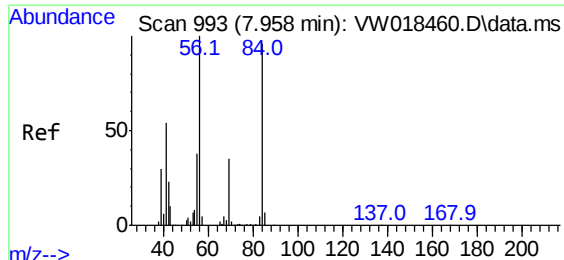
Tgt Ion: 83 Resp: 324709
Ion Ratio Lower Upper
83 100
85 66.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 25.19 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 62 Resp: 230346
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6





#30

Cyclohexane

Concen: 23.49 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW018471.D

Acq: 26 Mar 2021 15:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD02517

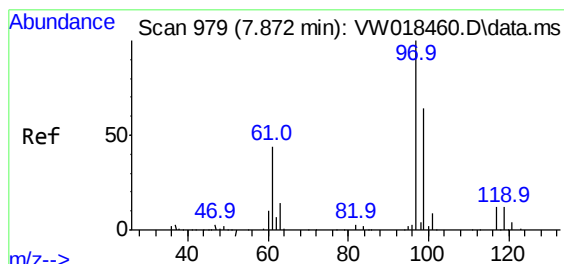
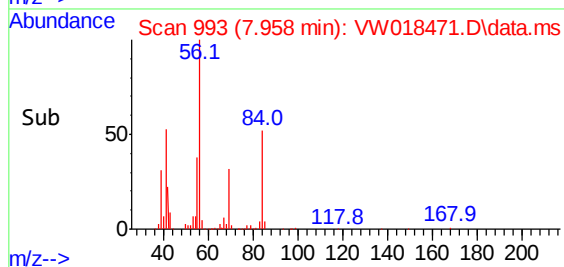
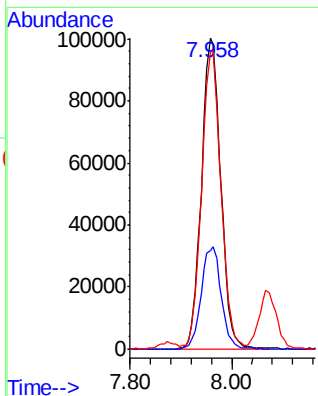
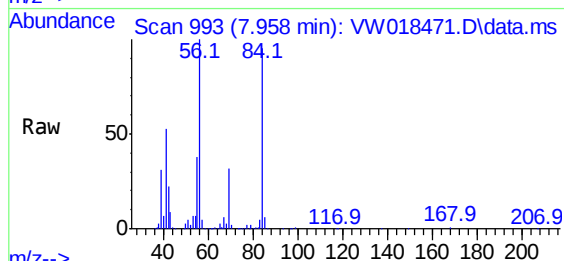
Tgt Ion: 56 Resp: 262272

Ion Ratio Lower Upper

56 100

69 33.8 27.0 40.6

84 96.5 79.9 119.9



#31

1,1,1-Trichloroethane

Concen: 25.67 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW018471.D

Acq: 26 Mar 2021 15:26

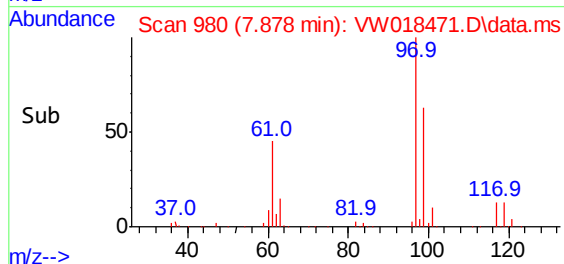
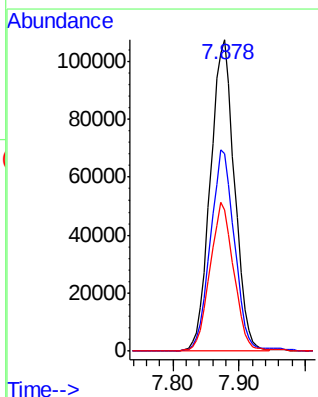
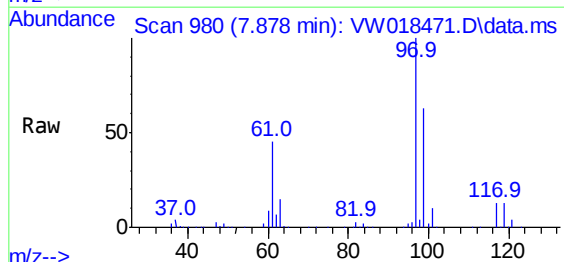
Tgt Ion: 97 Resp: 269870

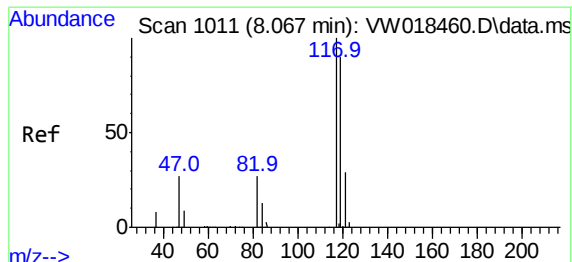
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 47.0 34.8 52.2

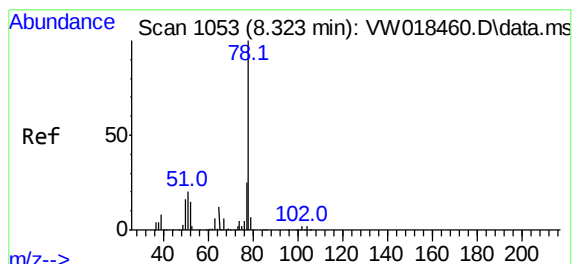
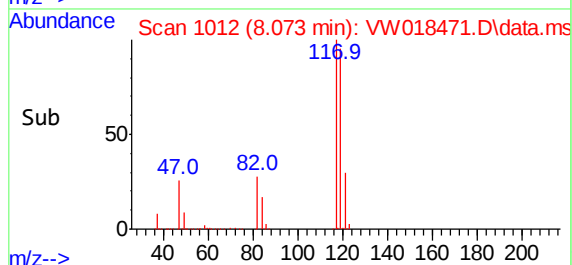
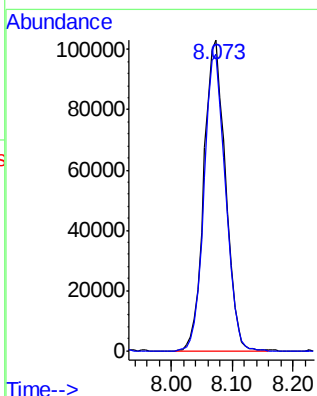
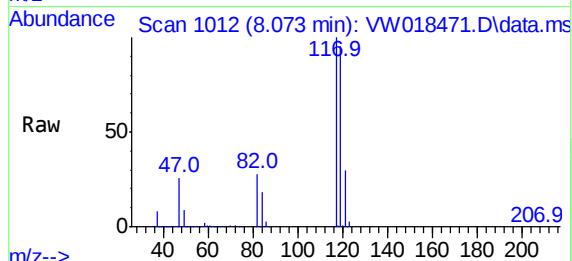




#32
Carbon tetrachloride
Concen: 25.66 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

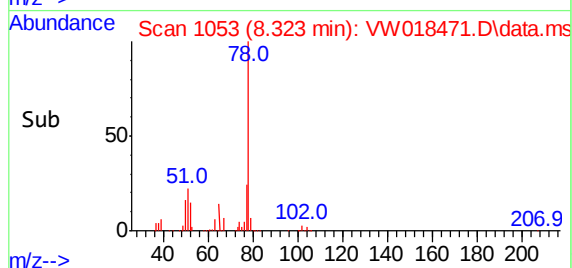
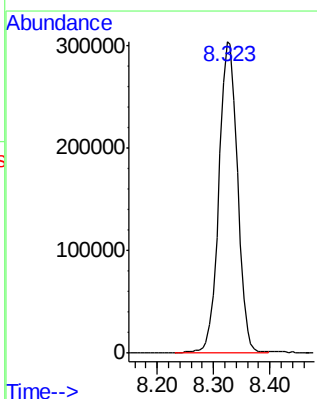
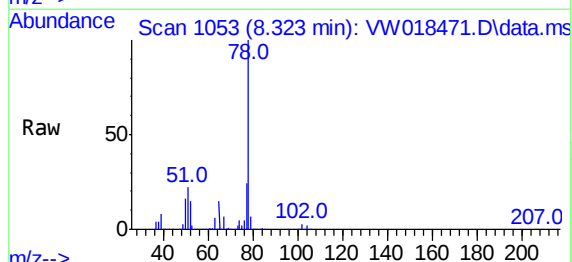
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

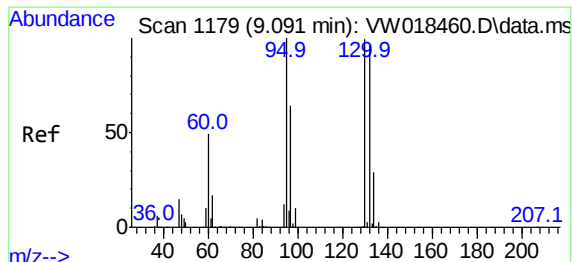
Tgt Ion:117 Resp: 251433
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1



#34
Benzene
Concen: 25.43 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 78 Resp: 692739



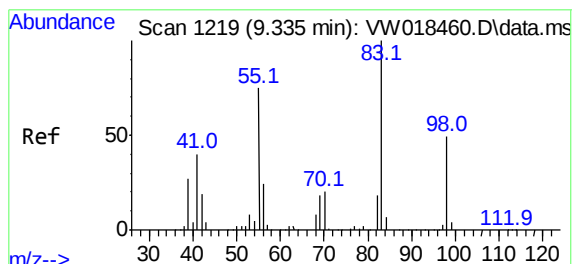
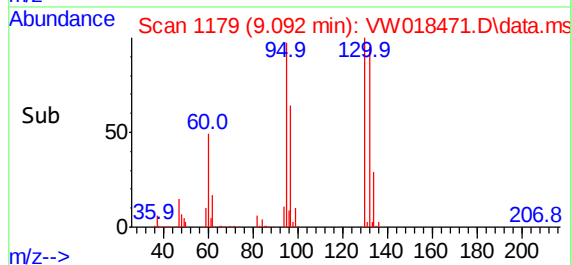
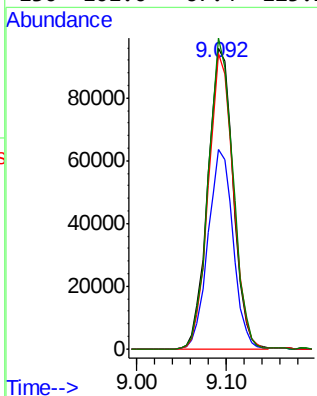
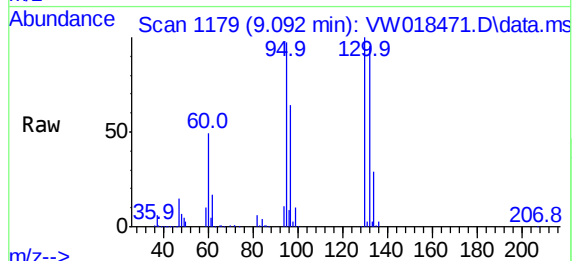


#35
Trichloroethene
Concen: 25.00 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion: 95 Resp: 188126

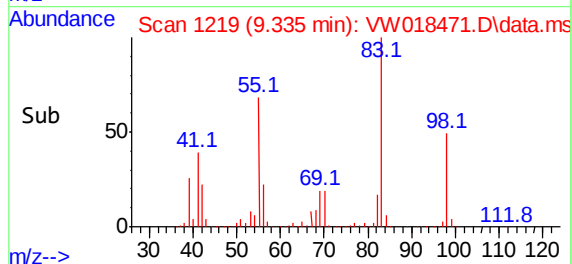
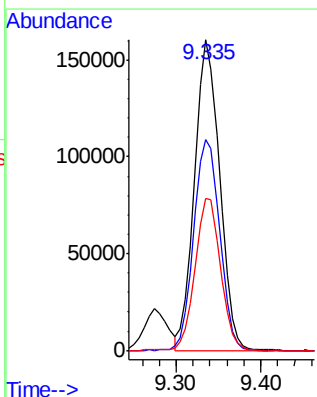
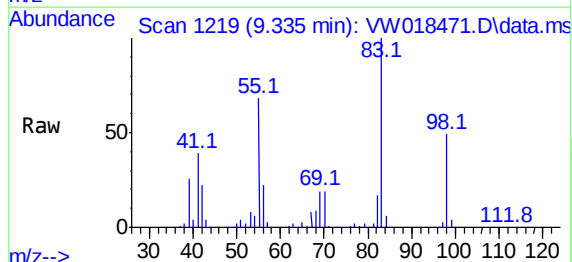
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.4	82.4
132	96.4	65.9	122.5
130	101.0	67.4	125.2

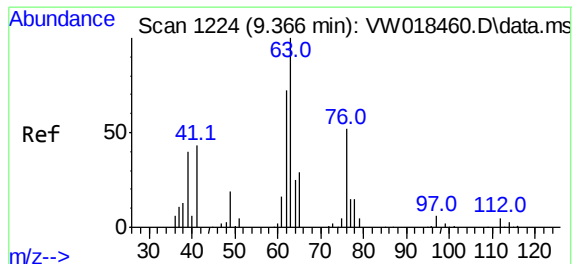


#36
Methylcyclohexane
Concen: 24.44 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 83 Resp: 322068

Ion	Ratio	Lower	Upper
83	100		
55	70.4	56.8	85.2
98	49.4	40.6	61.0

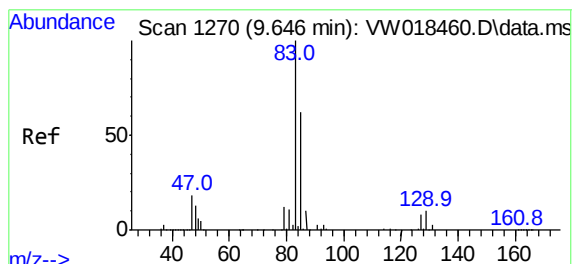
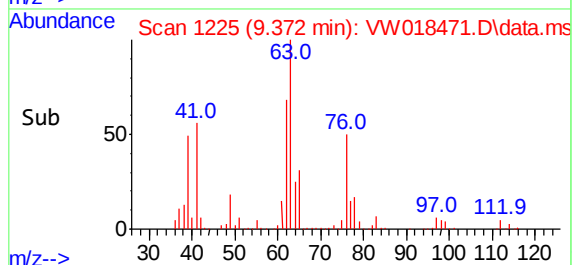
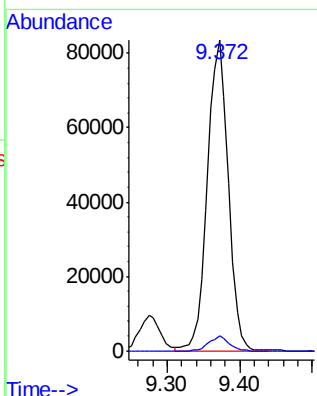
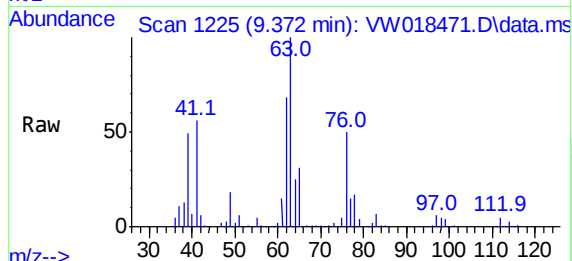




#40
1,2-Dichloropropane
Concen: 24.81 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

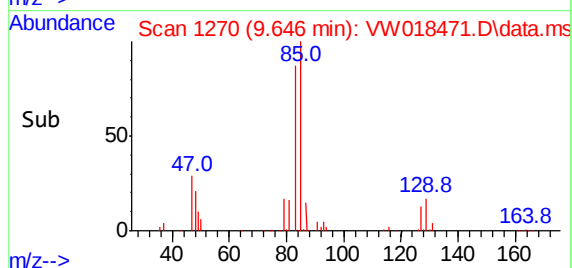
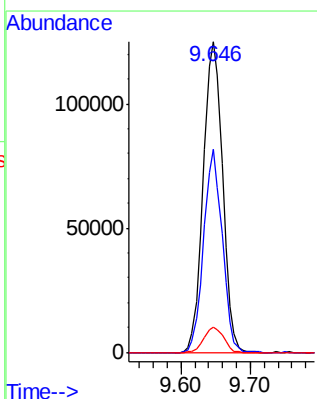
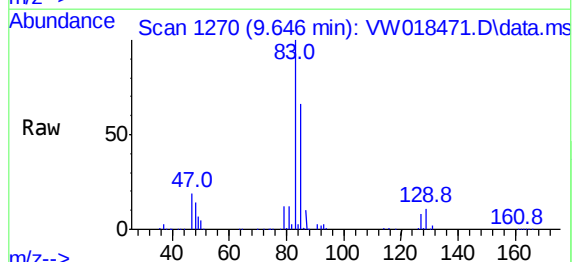
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

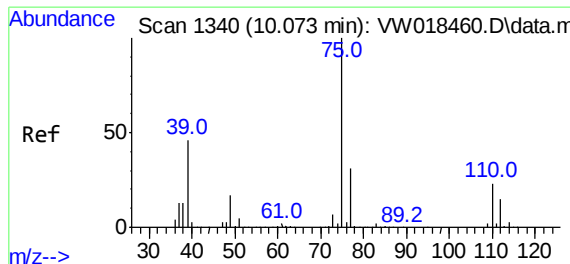
Tgt Ion: 63 Resp: 165362
Ion Ratio Lower Upper
63 100
112 4.4 4.2 6.4



#41
Bromodichloromethane
Concen: 25.60 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 83 Resp: 241132
Ion Ratio Lower Upper
83 100
85 65.5 43.8 81.4
127 8.3 6.9 10.3

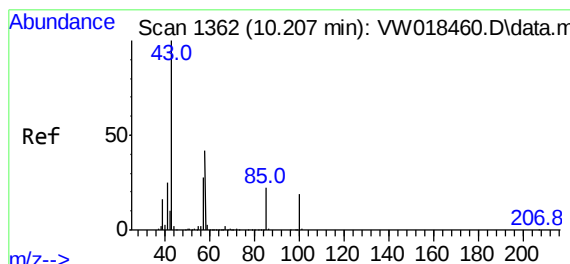
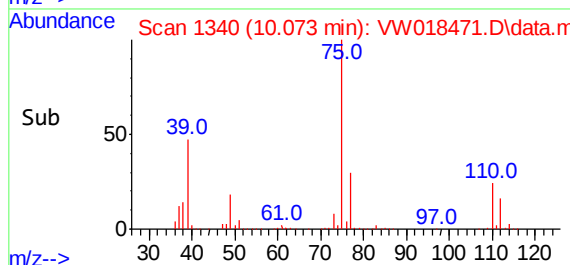
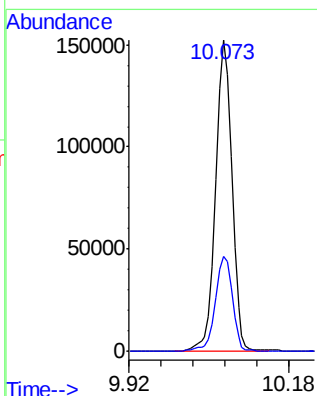
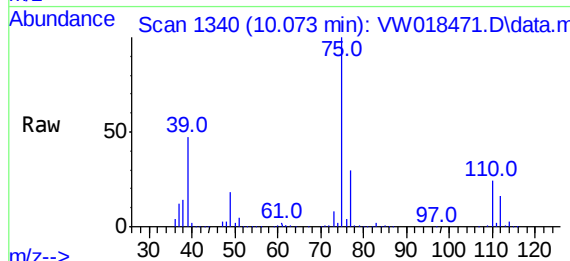




#42
cis-1,3-Dichloropropene
Concen: 24.56 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

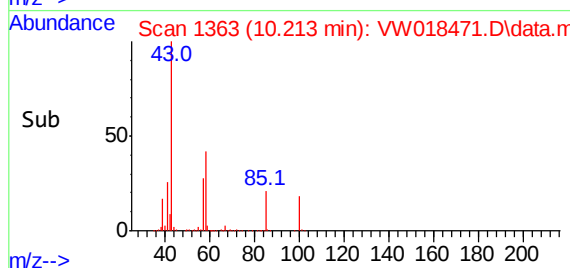
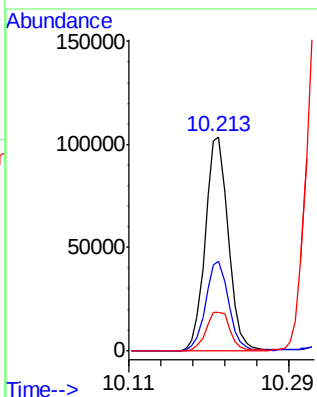
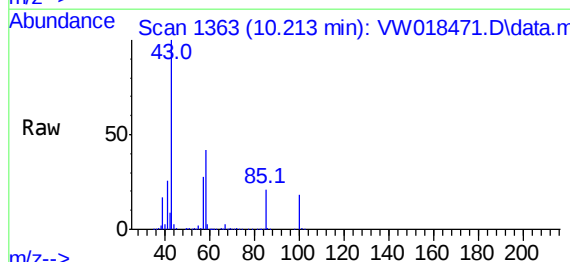
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

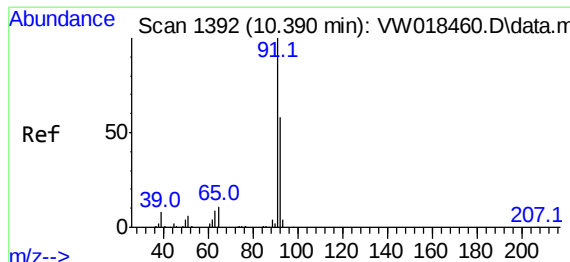
Tgt Ion: 75 Resp: 276825
Ion Ratio Lower Upper
75 100
77 30.2 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 45.96 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 43 Resp: 184193
Ion Ratio Lower Upper
43 100
58 41.8 34.8 52.2
100 18.7 15.9 23.9





#44

Toluene

Concen: 25.02 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018471.D

Acq: 26 Mar 2021 15:26

Instrument :

MSVOA_W

ClientSampleId :

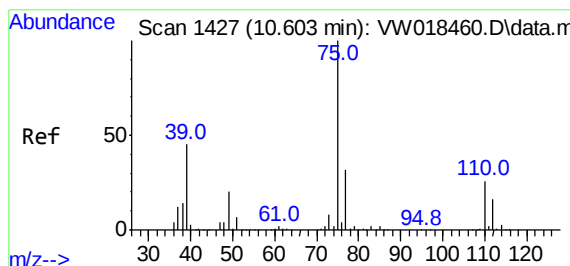
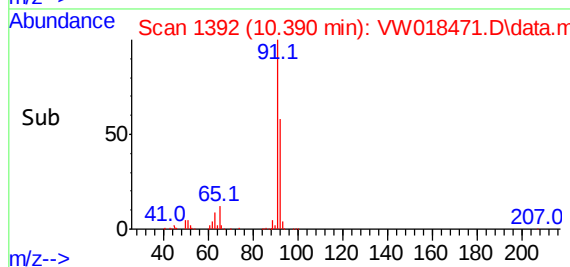
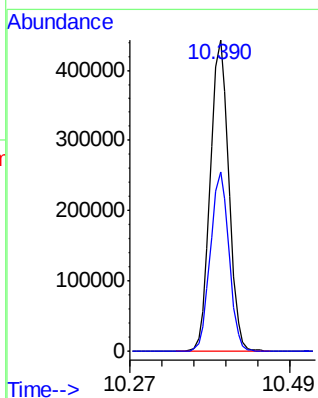
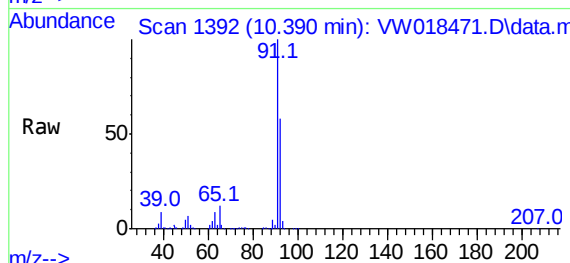
VSTD02517

Tgt Ion: 91 Resp: 774764

Ion Ratio Lower Upper

91 100

92 57.6 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 24.19 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018471.D

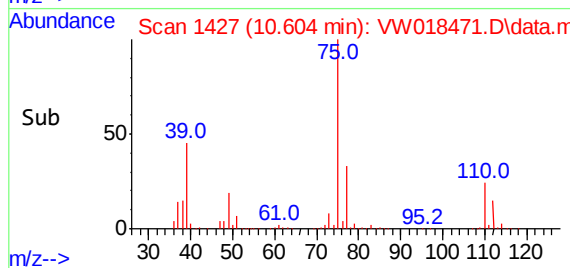
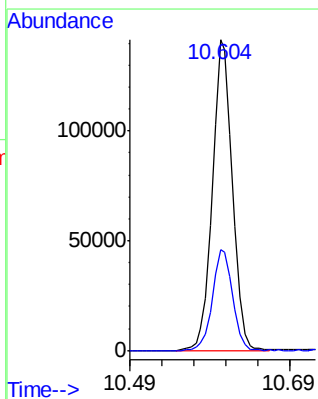
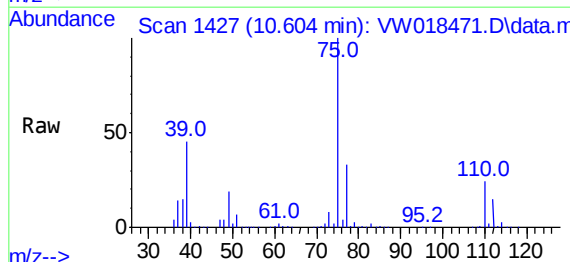
Acq: 26 Mar 2021 15:26

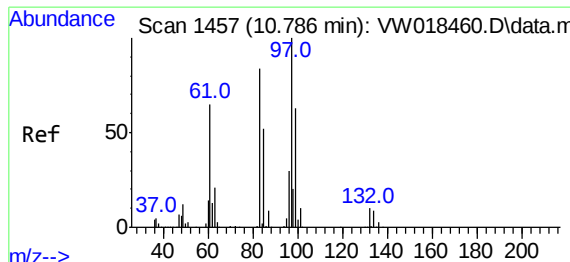
Tgt Ion: 75 Resp: 244765

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



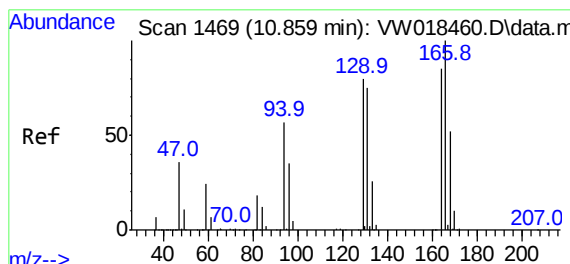
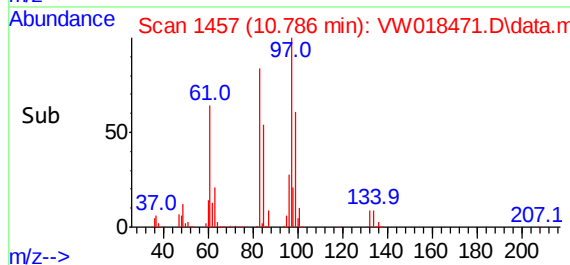
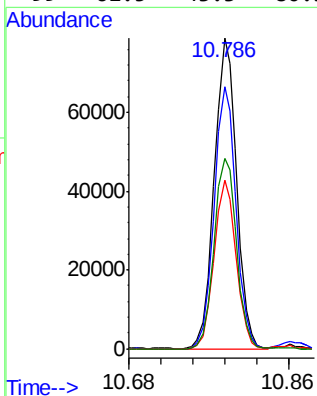
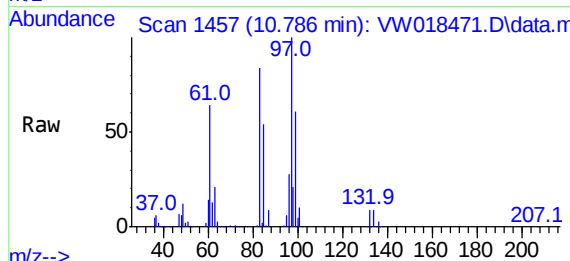


#46
1,1,2-Trichloroethane
Concen: 25.63 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion: 97 Resp: 136180

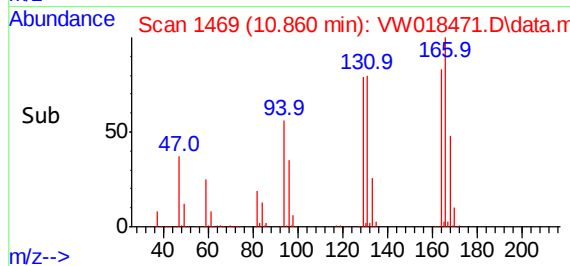
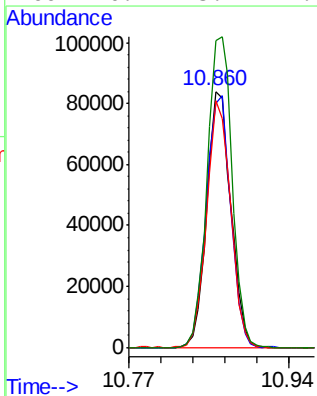
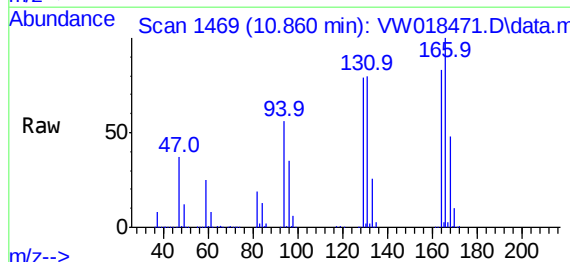
Ion	Ratio	Lower	Upper
97	100		
83	84.5	58.9	109.5
85	54.3	38.4	71.4
99	61.5	43.3	80.3

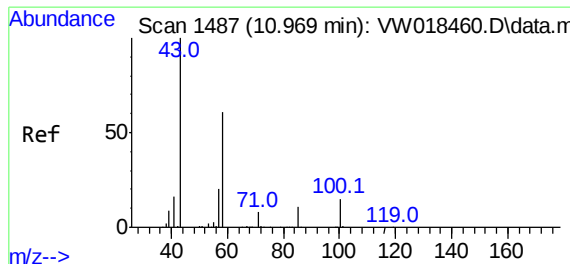


#47
Tetrachloroethene
Concen: 25.38 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 164 Resp: 145060

Ion	Ratio	Lower	Upper
164	100		
129	95.2	68.8	127.8
131	96.2	68.3	126.8
166	120.1	95.4	177.2



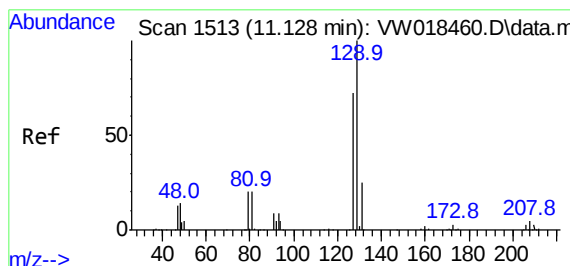
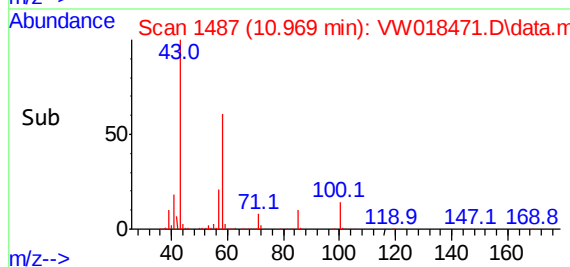
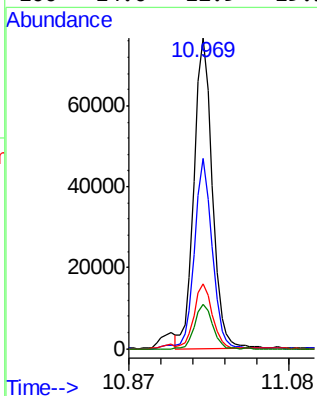
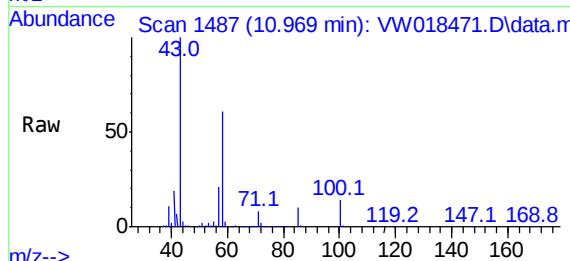


#49
2-Hexanone
Concen: 45.19 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion: 43 Resp: 128154

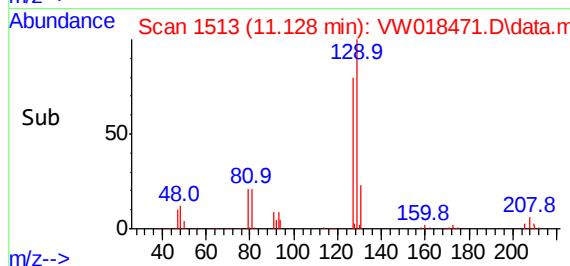
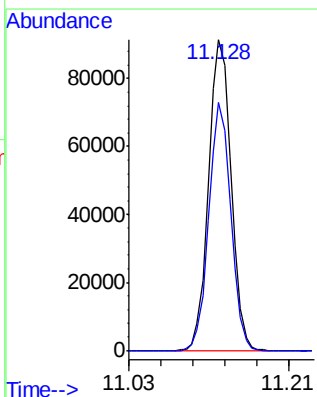
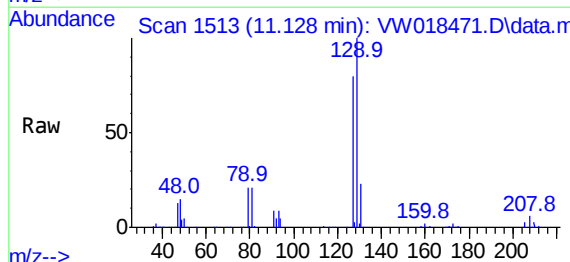
Ion	Ratio	Lower	Upper
43	100		
58	59.5	47.3	70.9
57	21.0	17.3	25.9
100	14.0	12.9	19.3

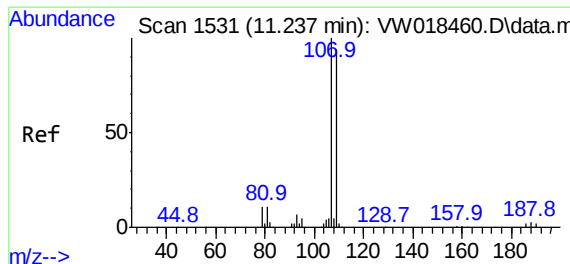


#50
Dibromochloromethane
Concen: 25.47 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 129 Resp: 159574

Ion	Ratio	Lower	Upper
129	100		
127	79.8	58.0	107.6

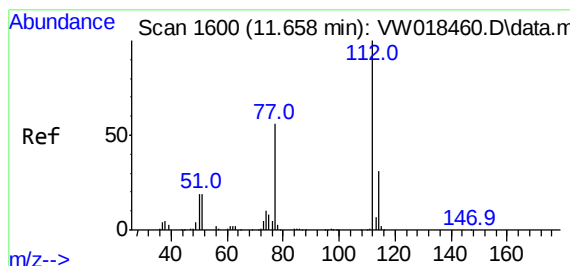
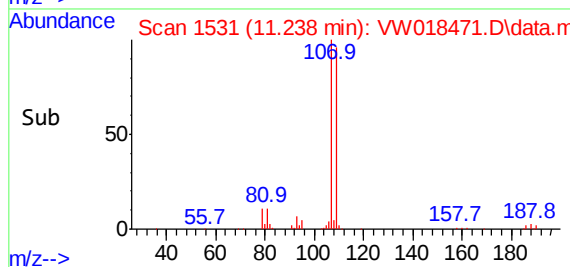
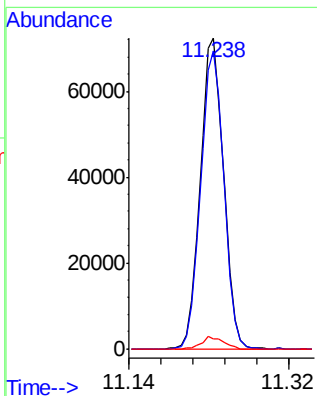
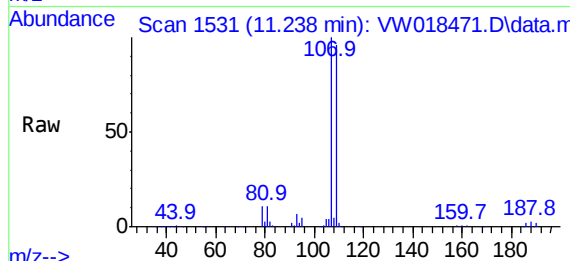




#51
1,2-Dibromoethane
Concen: 24.77 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

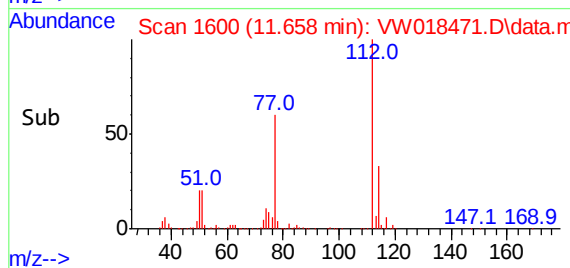
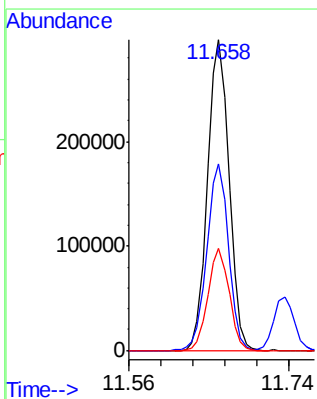
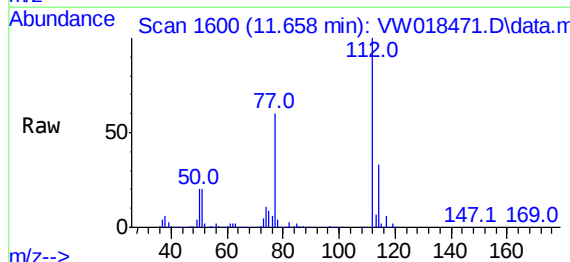
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

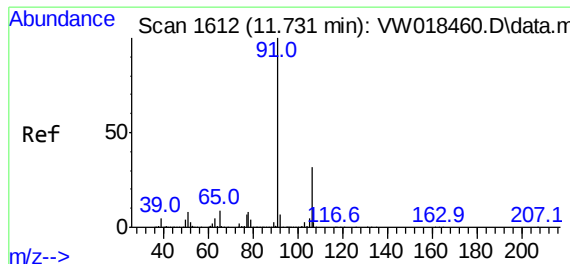
Tgt Ion:107 Resp: 130365
Ion Ratio Lower Upper
107 100
109 95.8 65.9 122.5
188 3.2 3.0 4.4



#52
Chlorobenzene
Concen: 25.43 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion:112 Resp: 499389
Ion Ratio Lower Upper
112 100
77 59.9 45.4 68.2
114 32.9 22.5 41.9

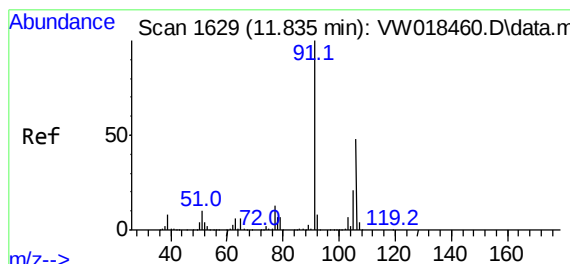
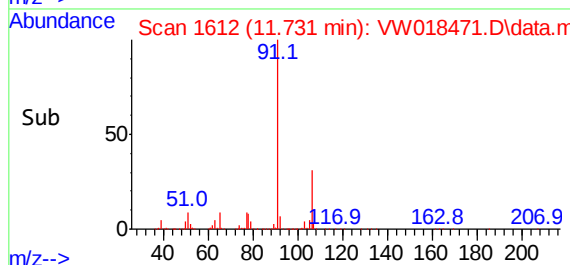
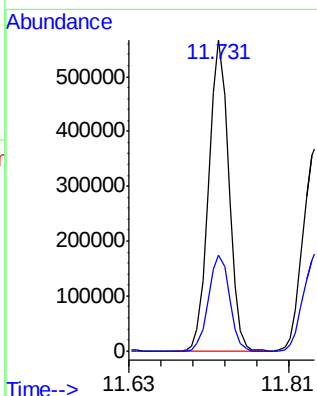
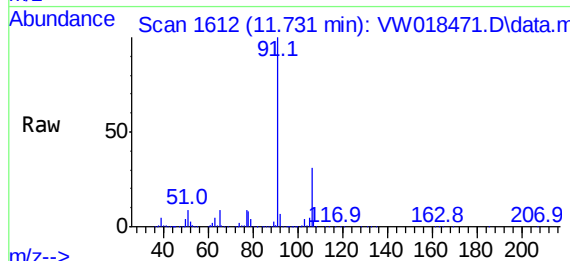




#53
Ethylbenzene
Concen: 25.32 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

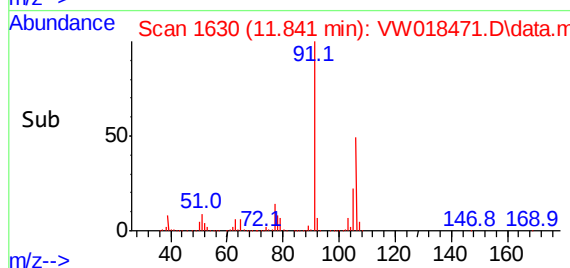
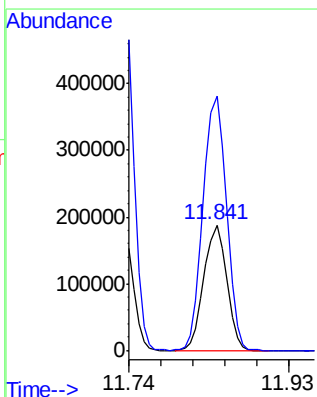
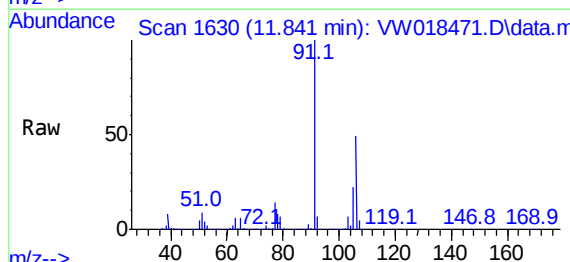
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

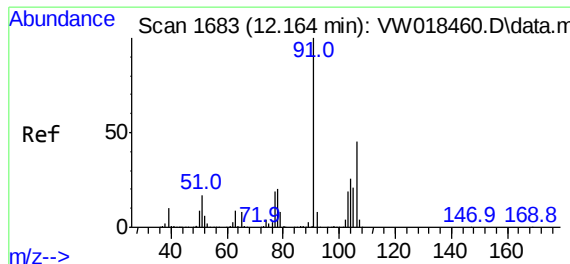
Tgt Ion: 91 Resp: 884102
Ion Ratio Lower Upper
91 100
106 30.7 21.7 40.3



#54
m,p-Xylene
Concen: 25.75 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 106 Resp: 343588
Ion Ratio Lower Upper
106 100
91 202.5 145.3 269.8

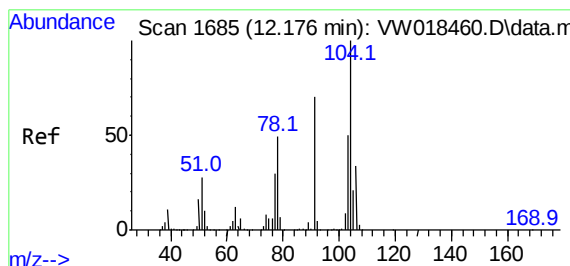
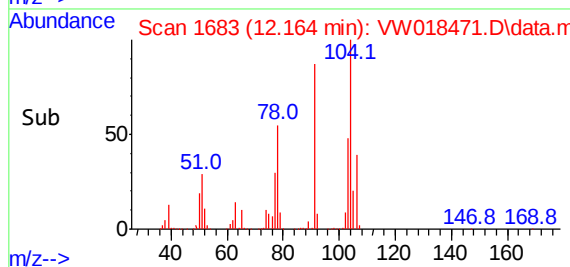
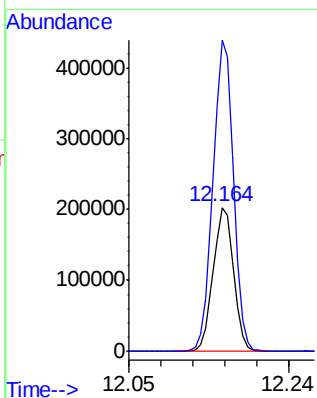
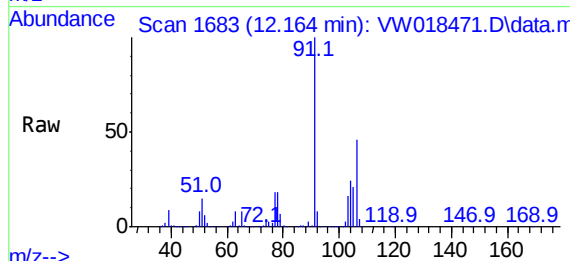




#55
o-xylene
Concen: 25.81 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

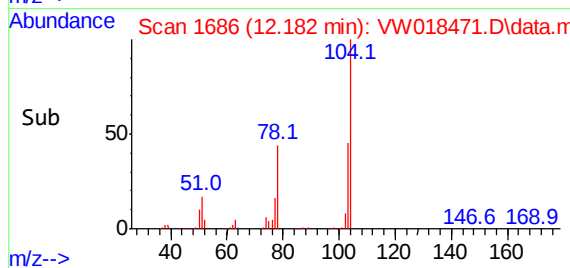
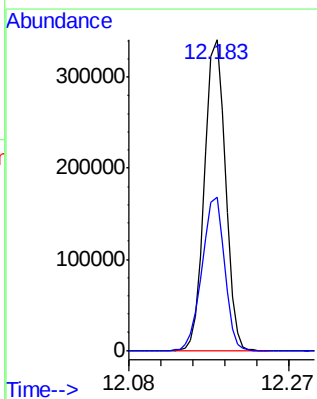
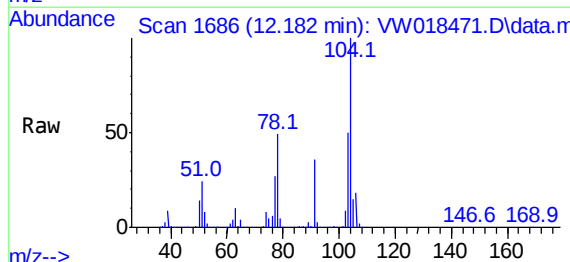
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

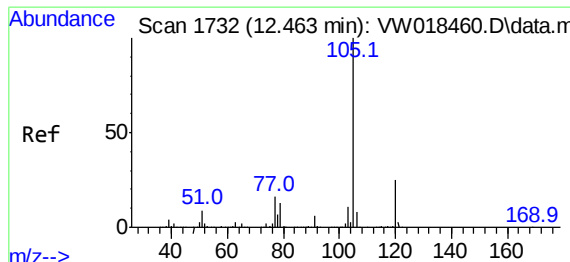
Tgt Ion:106 Resp: 328340
Ion Ratio Lower Upper
106 100
91 216.9 154.3 286.5



#56
Styrene
Concen: 25.95 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion:104 Resp: 562882
Ion Ratio Lower Upper
104 100
78 49.2 34.7 64.5

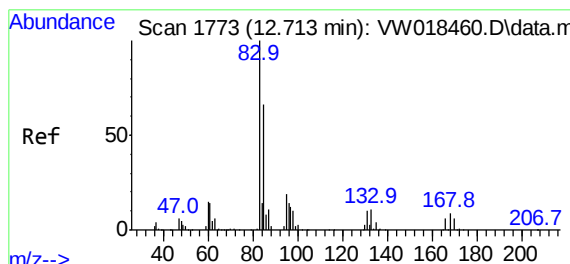
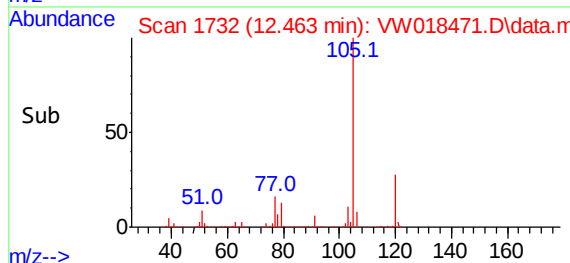
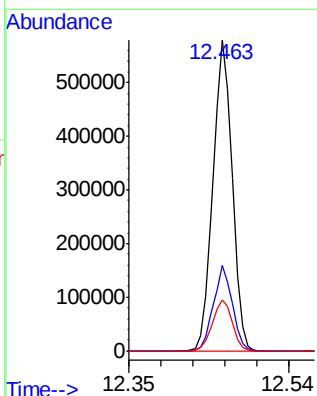
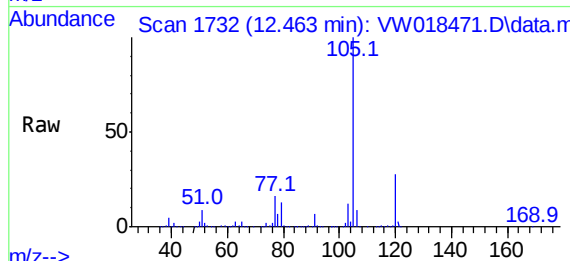




#57
Isopropylbenzene
Concen: 25.62 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

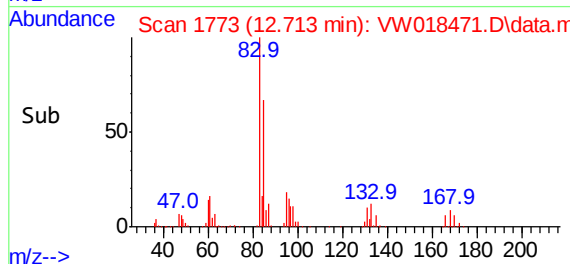
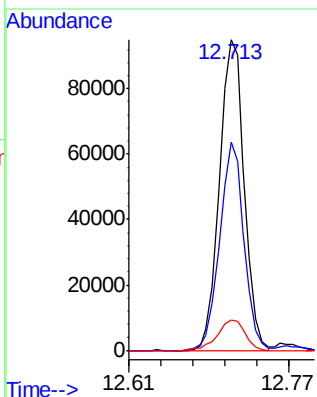
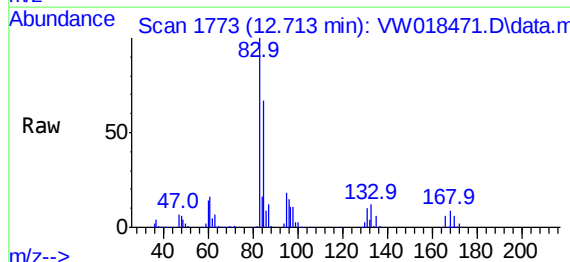
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

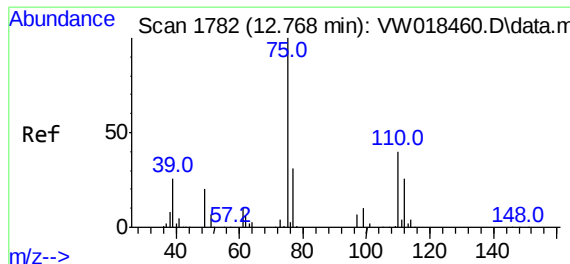
Tgt Ion: 105 Resp: 886209
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 16.7 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 24.88 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 83 Resp: 160016
Ion Ratio Lower Upper
83 100
85 67.1 49.0 91.0
131 9.9 8.7 13.1

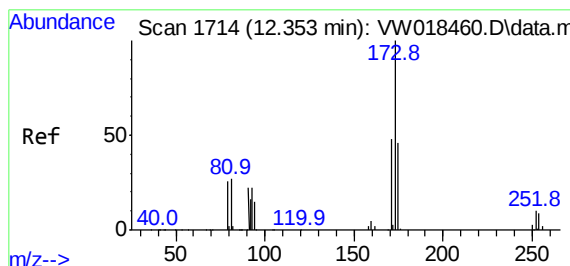
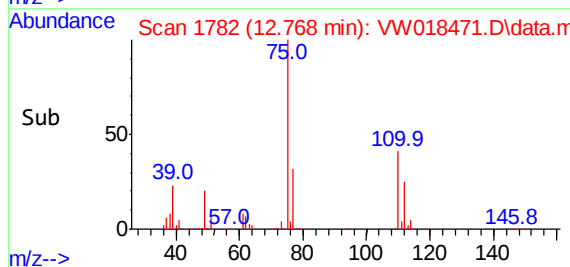
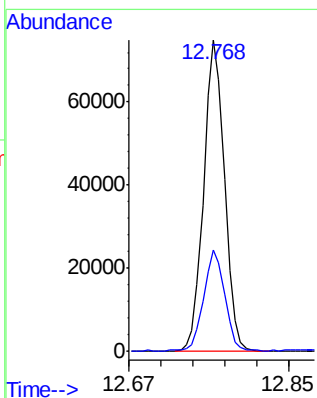
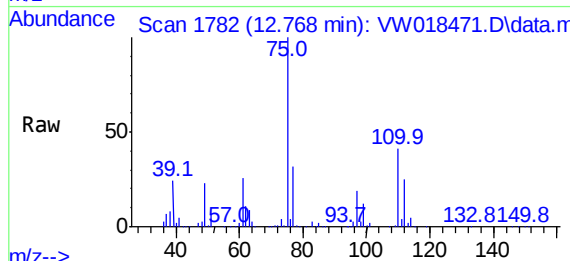




#59
1,2,3-Trichloropropane
Concen: 24.92 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

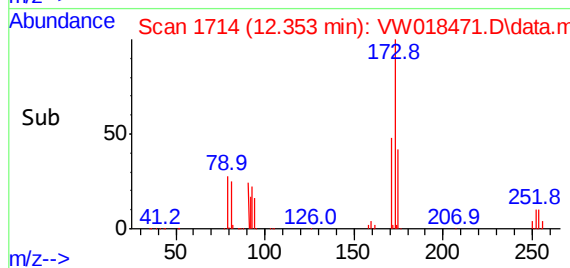
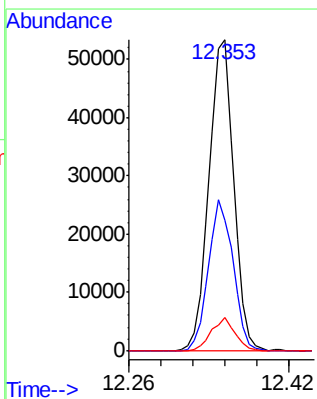
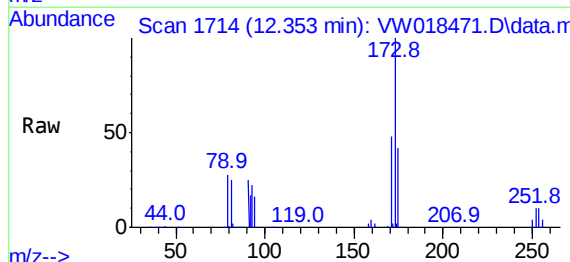
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

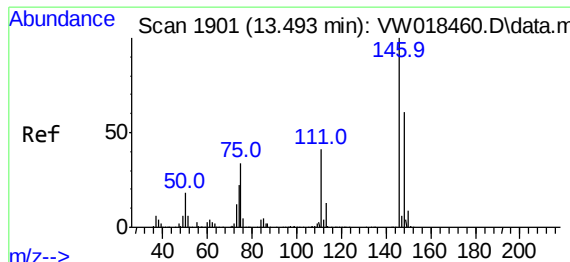
Tgt Ion: 75 Resp: 120971
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4



#62
Bromoform
Concen: 24.34 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 173 Resp: 89561
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
254 10.1 6.0 9.0#

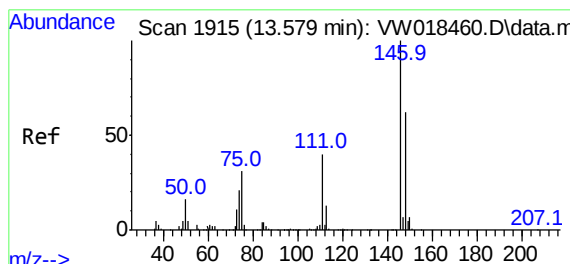
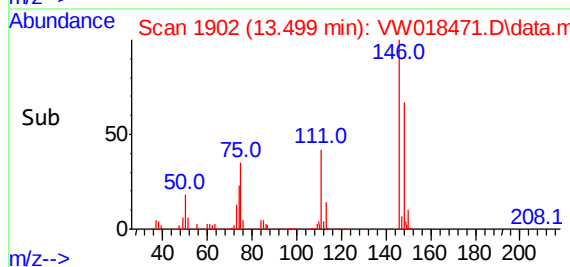
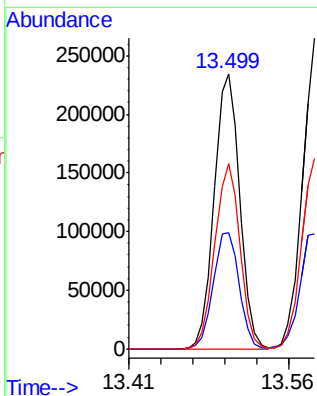
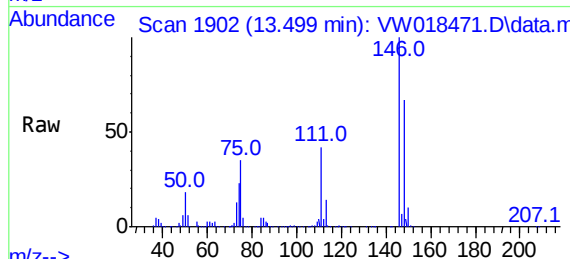




#63
1,3-Dichlorobenzene
Concen: 24.82 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

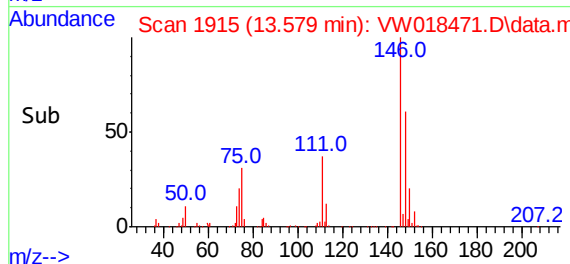
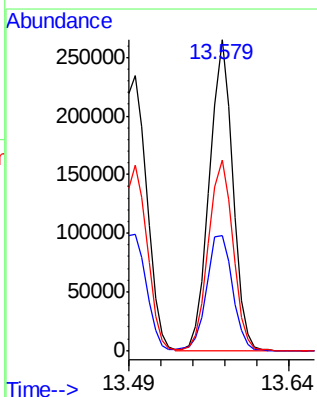
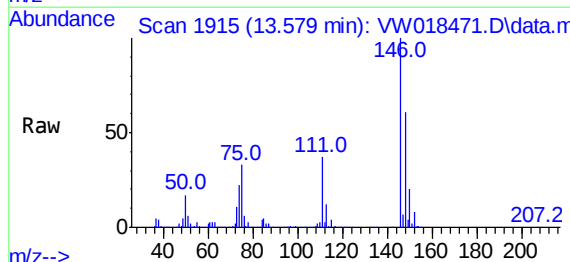
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

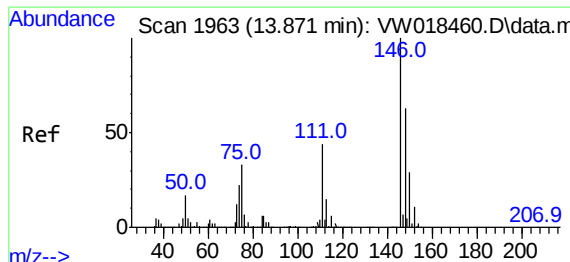
Tgt Ion:146 Resp: 381214
Ion Ratio Lower Upper
146 100
111 42.4 27.5 51.1
148 67.5 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.37 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion:146 Resp: 393184
Ion Ratio Lower Upper
146 100
111 36.8 28.3 52.5
148 61.2 47.3 87.9

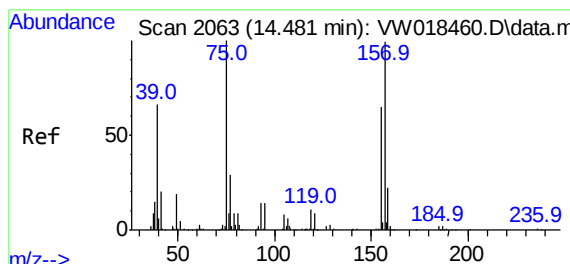
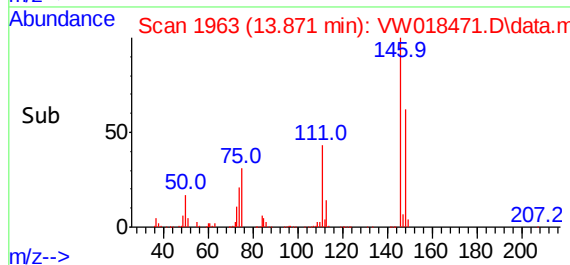
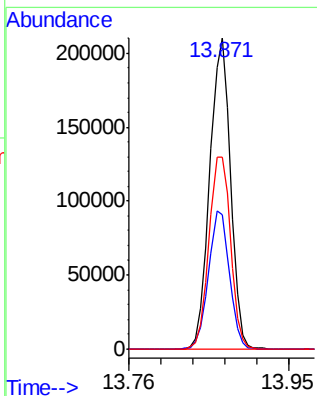
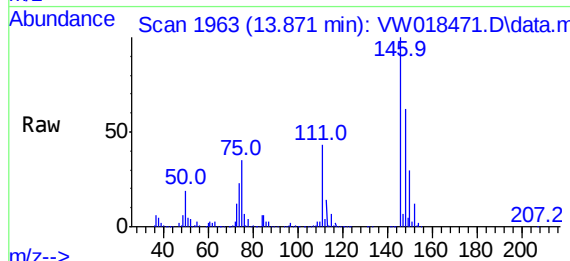




#65
1,2-Dichlorobenzene
Concen: 25.08 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

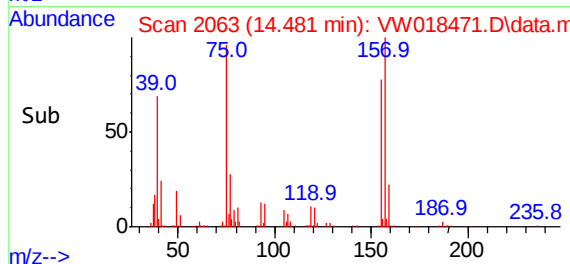
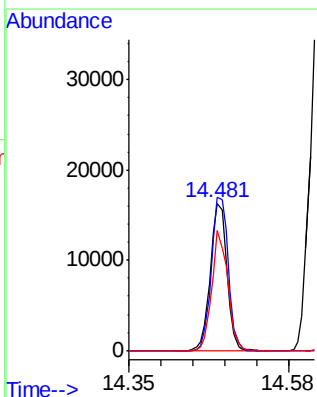
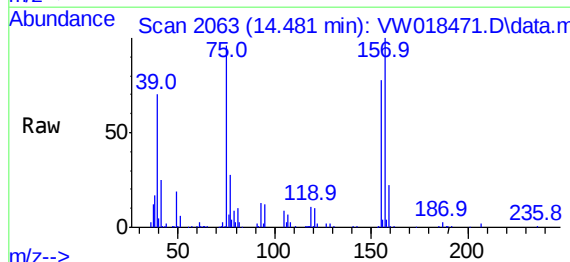
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

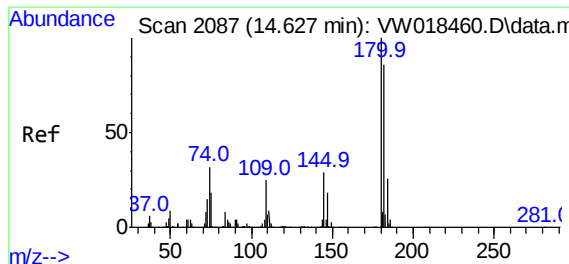
Tgt Ion:146 Resp: 344296
Ion Ratio Lower Upper
146 100
111 43.4 36.0 54.0
148 61.8 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 21.75 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion: 75 Resp: 26979
Ion Ratio Lower Upper
75 100
157 104.1 65.2 97.8#
155 81.6 60.1 90.1



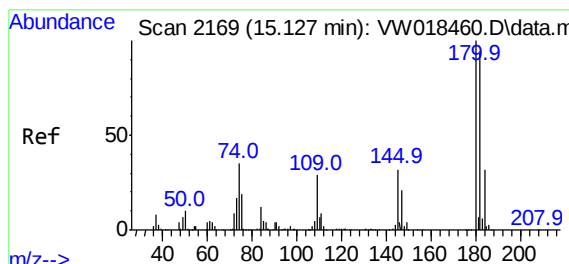
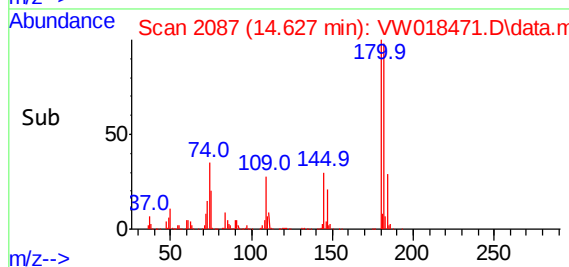
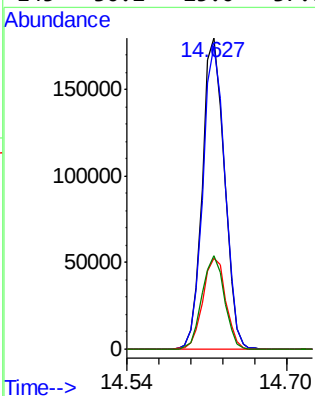
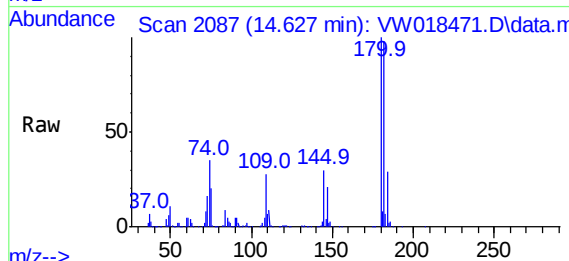


#67
 1,3,5-Trichlorobenzene
 Concen: 25.67 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018471.D
 Acq: 26 Mar 2021 15:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Tgt Ion:180 Resp: 284281

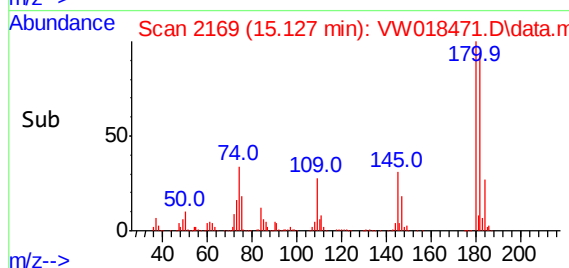
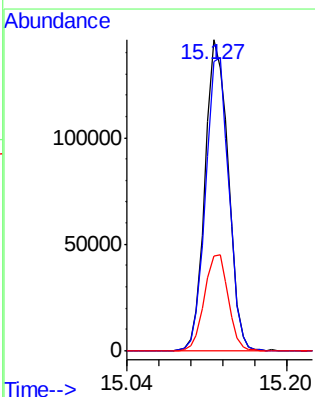
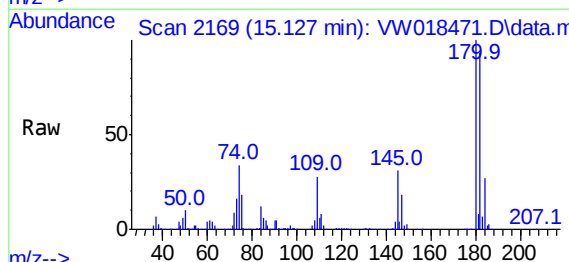
Ion	Ratio	Lower	Upper
180	100		
182	97.4	71.8	107.8
184	30.1	23.5	35.3
145	30.2	25.0	37.6

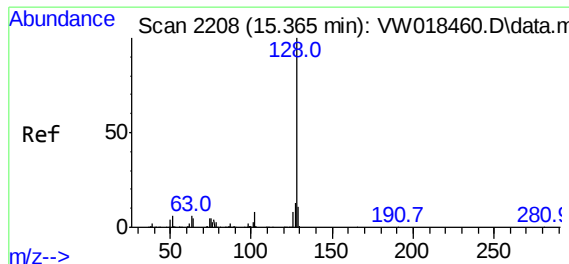


#68
 1,2,4-trichlorobenzene
 Concen: 25.74 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW018471.D
 Acq: 26 Mar 2021 15:26

Tgt Ion:180 Resp: 242592

Ion	Ratio	Lower	Upper
180	100		
182	94.4	70.2	105.4
145	31.6	24.9	37.3

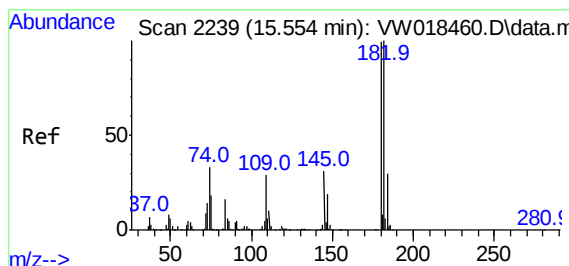
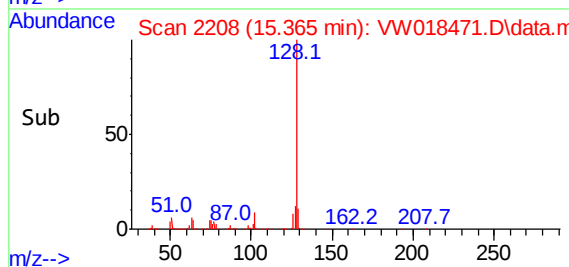
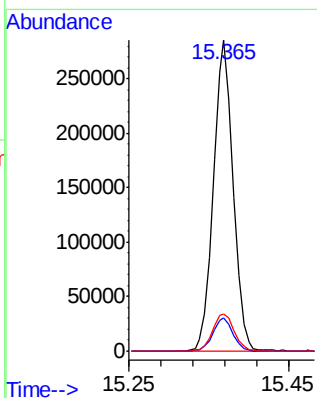
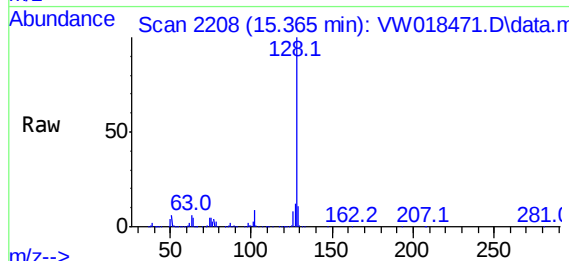




#69
Naphthalene
Concen: 24.77 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion:128 Resp: 486133
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.58 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018471.D
Acq: 26 Mar 2021 15:26

Tgt Ion:180 Resp: 210374
Ion Ratio Lower Upper
180 100
182 92.9 76.5 114.7
145 31.9 27.7 41.5

