

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
 Data File : VW018053.D
 Acq On : 08 Feb 2021 15:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Feb 09 03:26:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 03:23:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	416467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	372687	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	201574	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	100638	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.76%
7) Chloroethane-d5	2.892	69	82386	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
10) 1,1-Dichloroethene-d2	4.026	63	226952	21.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.72%
20) 2-Butanone-d5	7.074	46	64639	46.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.60%
24) Chloroform-d	7.647	84	242998	22.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	8.305	65	125602	21.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.32%
29) Benzene-d6	8.275	84	465238	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	9.275	67	131759	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.08%
37) Toluene-d8	10.323	98	448983	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloroprop...	10.579	79	62622	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.921	63	54778	50.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.12%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	120429	23.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	166484	23.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.60%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	129113	22.91	ug/L	100
3) Chloromethane	2.215	50	92072	22.18	ug/L	98
5) Vinyl chloride	2.367	62	146483	25.59	ug/L	98
6) Bromomethane	2.782	94	98059	24.09	ug/L	99
8) Chloroethane	2.928	64	83031	24.27	ug/L	98
9) Trichlorofluoromethane	3.257	101	103991	25.13	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	150096	25.38	ug/L	# 66
12) 1,1-Dichloroethene	4.044	96	144873	26.03	ug/L	93
13) Acetone	4.117	43	45538	44.56	ug/L	99
14) Carbon disulfide	4.385	76	417367	25.75	ug/L	99
15) Methyl Acetate	4.666	43	57328	25.29	ug/L	97
16) Methylene chloride	4.922	84	144450	21.64	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	161100	25.79	ug/L	97
18) trans-1,2-Dichloroethene	5.422	96	153184	25.76	ug/L	96
19) 1,1-Dichloroethane	6.214	63	242904	25.31	ug/L	98
21) 2-Butanone	7.165	43	77075	49.54	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	157559	25.54	ug/L	99
23) Bromochloromethane	7.513	128	74906	25.27	ug/L	91
25) Chloroform	7.677	83	262934	25.10	ug/L	100
27) 1,2-Dichloroethane	8.397	62	165273	24.31	ug/L	99

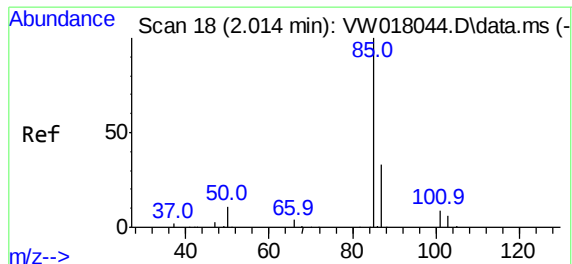
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
 Data File : VW018053.D
 Acq On : 08 Feb 2021 15:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Feb 09 03:26:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 03:23:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	225308	26.43	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	220177	26.64	ug/L	99
32) Carbon tetrachloride	8.067	117	212085	26.50	ug/L	99
34) Benzene	8.323	78	560657	25.74	ug/L	100
35) Trichloroethene	9.092	95	159892	26.05	ug/L	99
36) Methylcyclohexane	9.336	83	270552	26.21	ug/L	97
40) 1,2-Dichloropropane	9.366	63	131038	26.22	ug/L	100
41) Bromodichloromethane	9.646	83	187767	26.23	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	217240	26.97	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	162900	52.41	ug/L	94
44) Toluene	10.390	91	631757	26.35	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	188860	26.93	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	110177	25.82	ug/L	98
47) Tetrachloroethene	10.860	164	135935	26.01	ug/L	96
49) 2-Hexanone	10.969	43	113678	52.63	ug/L	97
50) Dibromochloromethane	11.128	129	137359	26.87	ug/L	100
51) 1,2-Dibromoethane	11.232	107	110977	26.08	ug/L #	97
52) Chlorobenzene	11.658	112	408575	25.87	ug/L	97
53) Ethylbenzene	11.731	91	712787	26.16	ug/L	97
54) m,p-Xylene	11.841	106	275598	26.53	ug/L	95
55) o-xylene	12.164	106	264258	26.82	ug/L	99
56) Styrene	12.183	104	448753	26.78	ug/L	96
57) Isopropylbenzene	12.463	105	726197	26.46	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	130091	25.77	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	97333	25.45	ug/L	99
62) Bromoform	12.347	173	81570	26.26	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	332834	25.90	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	329601	25.51	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	294725	25.44	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	21859	24.91	ug/L	99
67) 1,3,5-Trichlorobenzene	14.627	180	259616	26.30	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	205095	24.92	ug/L	93
69) Naphthalene	15.365	128	417252	26.06	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	185905	25.34	ug/L	98

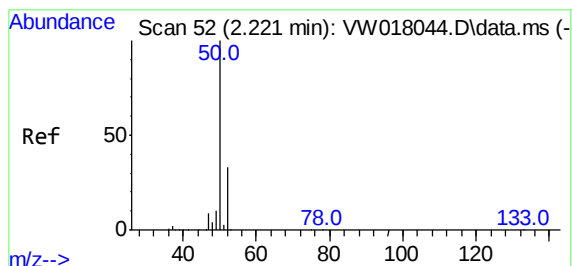
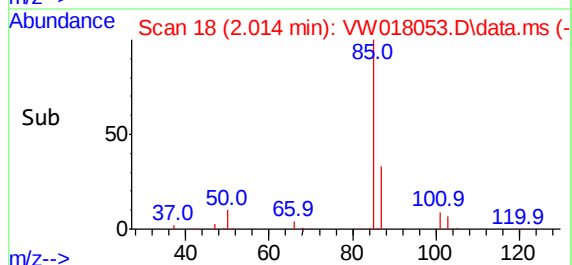
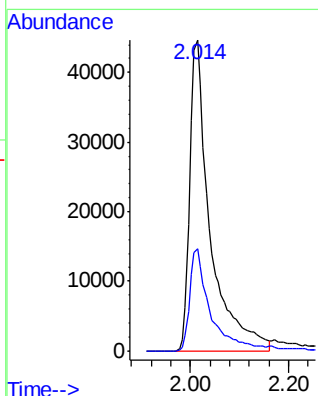
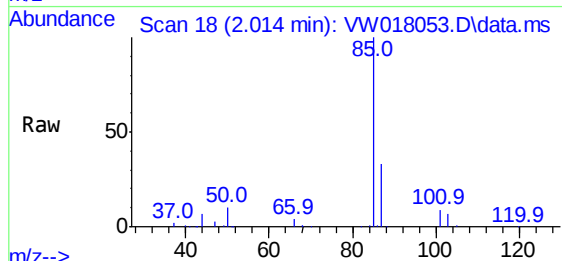
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 22.91 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

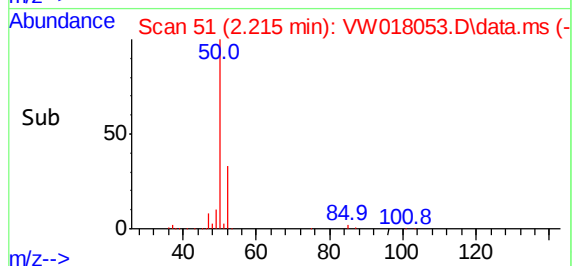
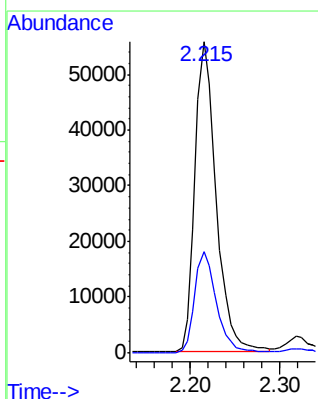
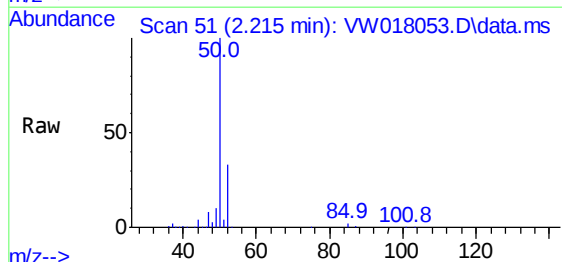
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

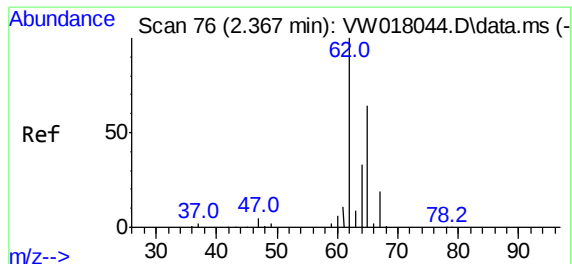
Tgt Ion: 85 Resp: 129113
Ion Ratio Lower Upper
85 100
87 33.1 23.2 43.0



#3
Chloromethane
Concen: 22.18 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 50 Resp: 92072
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.6

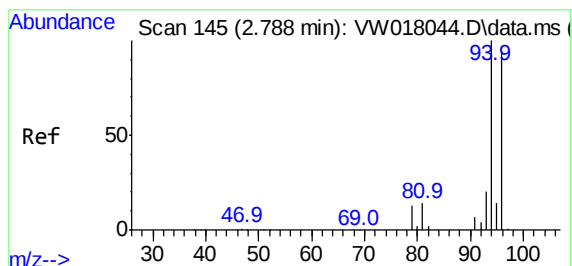
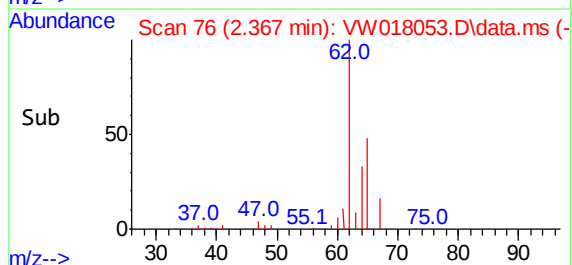
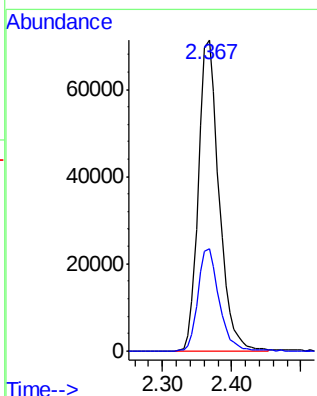
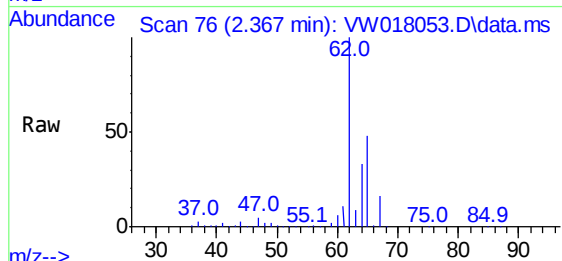




#5
 Vinyl chloride
 Concen: 25.59 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018053.D
 Acq: 08 Feb 2021 15:02

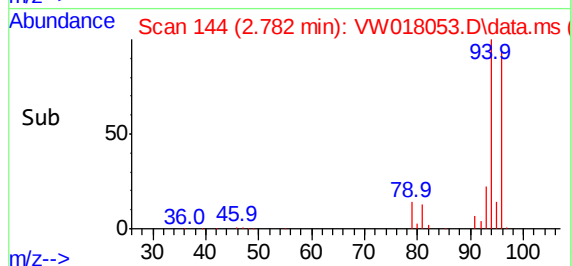
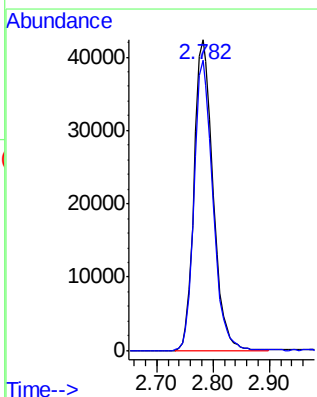
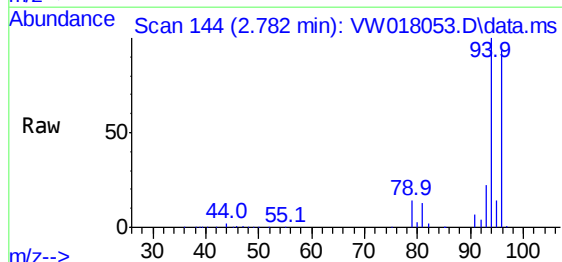
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02514

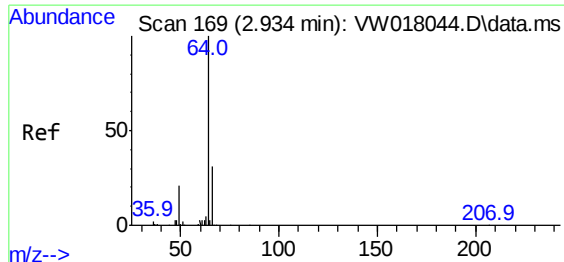
Tgt Ion: 62 Resp: 146483
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.9 44.5



#6
 Bromomethane
 Concen: 24.09 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018053.D
 Acq: 08 Feb 2021 15:02

Tgt Ion: 94 Resp: 98059
 Ion Ratio Lower Upper
 94 100
 96 92.6 9.4 178.0

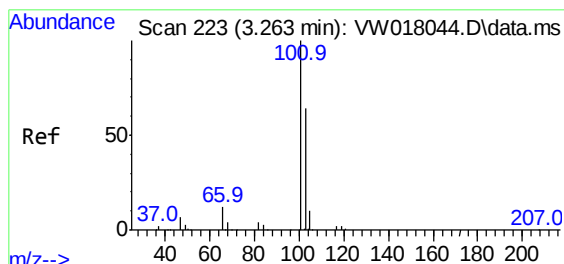
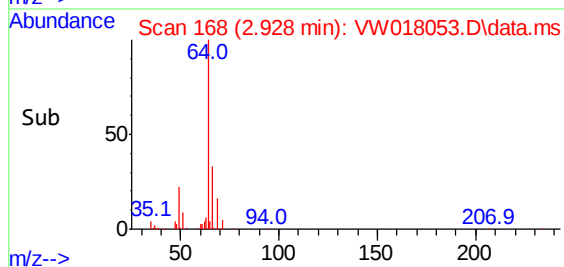
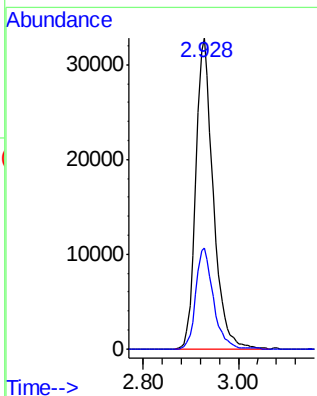
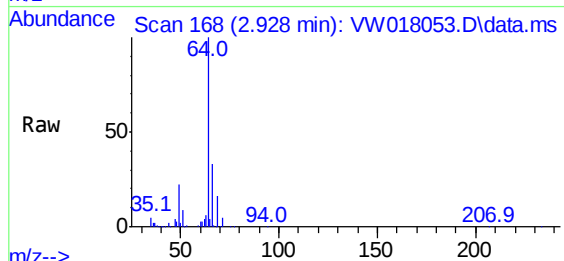




#8
Chloroethane
Concen: 24.27 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

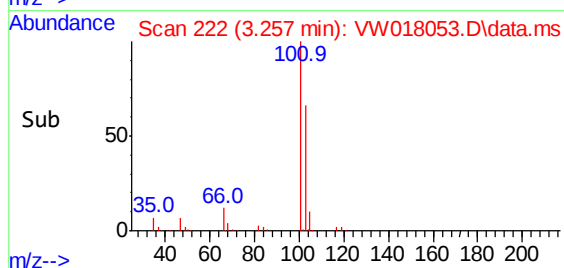
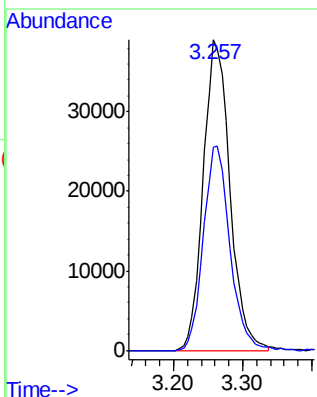
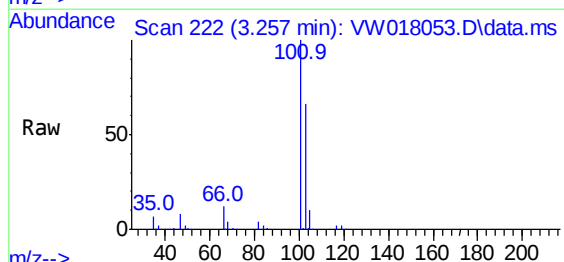
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

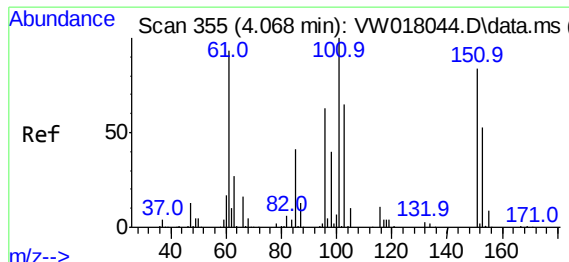
Tgt Ion: 64 Resp: 83031
Ion Ratio Lower Upper
64 100
66 32.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.13 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion:101 Resp: 103991
Ion Ratio Lower Upper
101 100
103 65.6 45.0 83.6

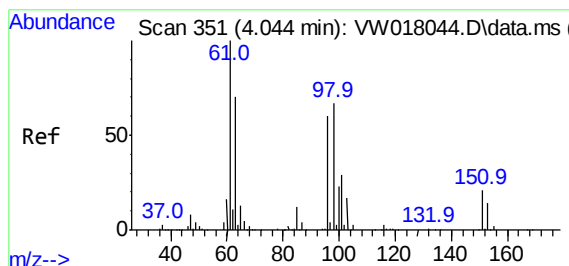
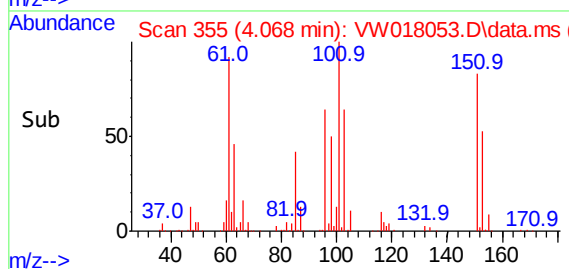
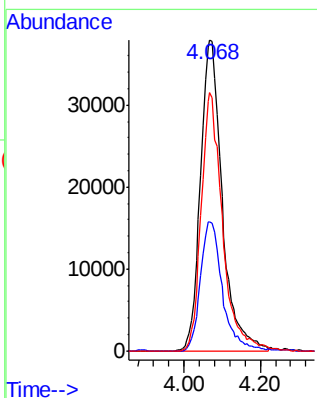
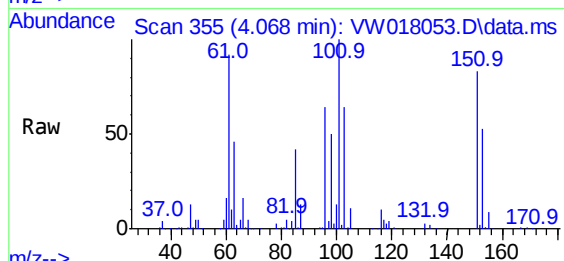




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.38 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018053.D
 Acq: 08 Feb 2021 15:02

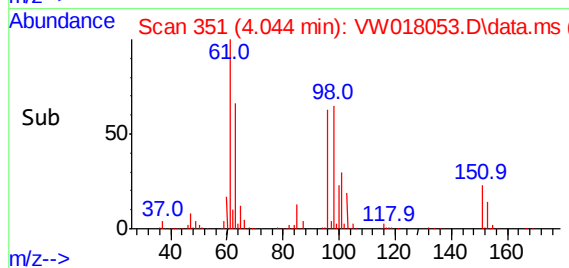
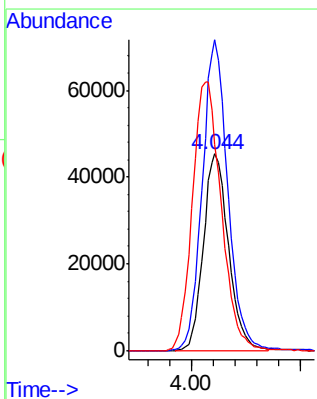
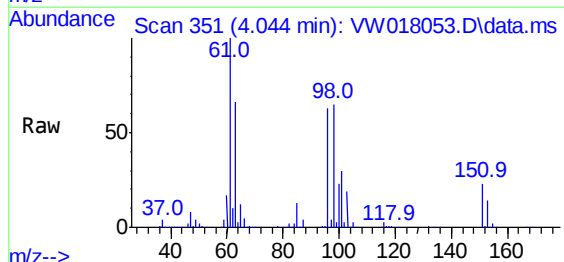
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

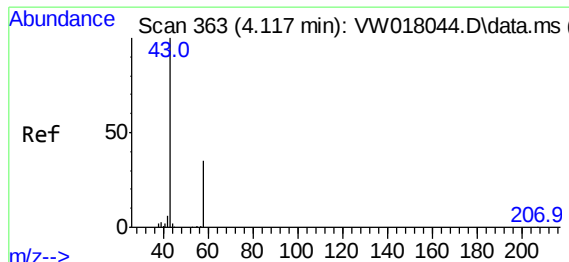
Tgt Ion:101 Resp: 150096
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.2 51.4
 151 80.4 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 26.03 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW018053.D
 Acq: 08 Feb 2021 15:02

Tgt Ion: 96 Resp: 144873
 Ion Ratio Lower Upper
 96 100
 61 158.1 112.5 208.9
 63 104.6 83.1 154.3

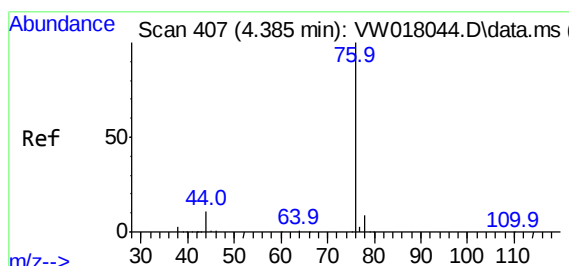
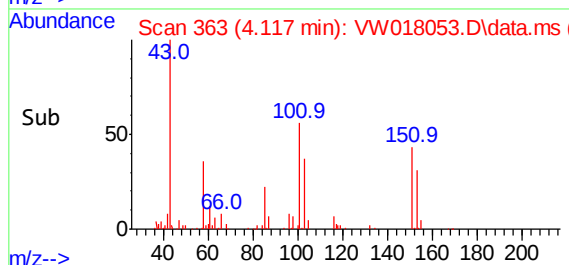
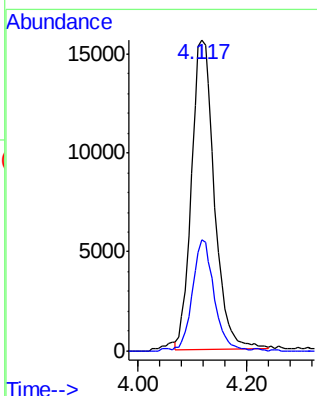
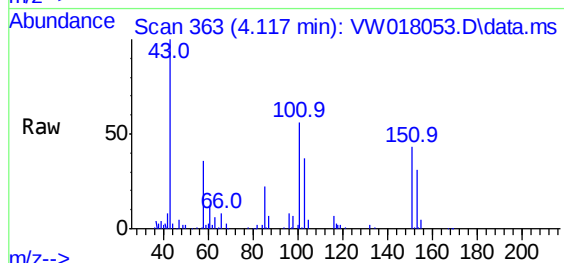




#13
Acetone
Concen: 44.56 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

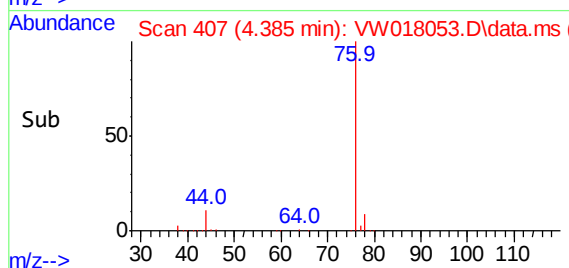
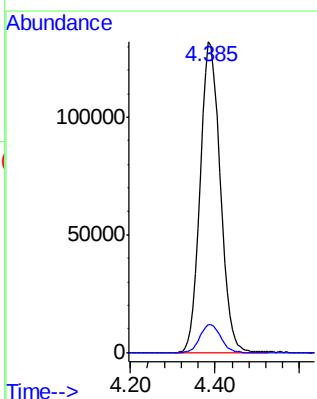
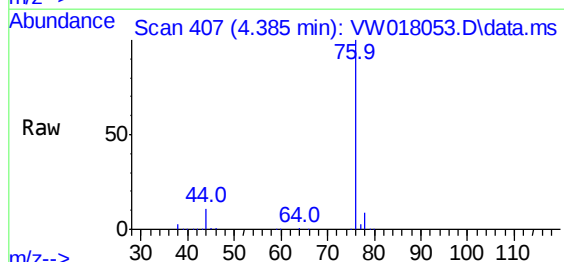
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

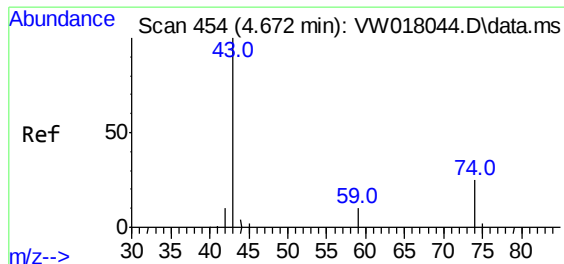
Tgt Ion: 43 Resp: 45538
Ion Ratio Lower Upper
43 100
58 33.7 0.0 68.4



#14
Carbon disulfide
Concen: 25.75 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 76 Resp: 417367
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

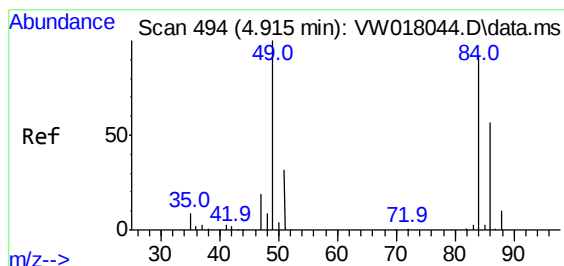
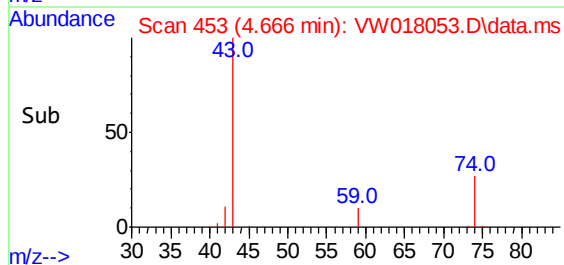
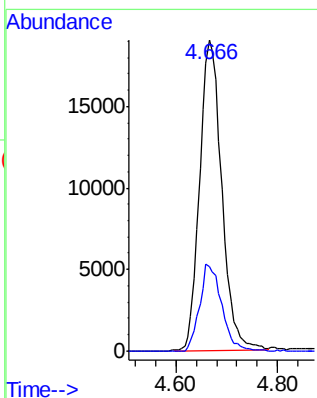
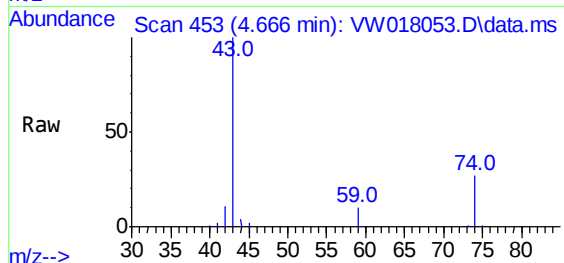




#15
Methyl Acetate
Concen: 25.29 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

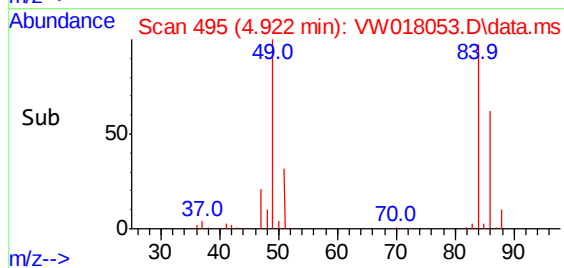
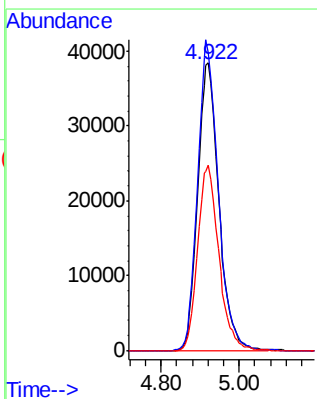
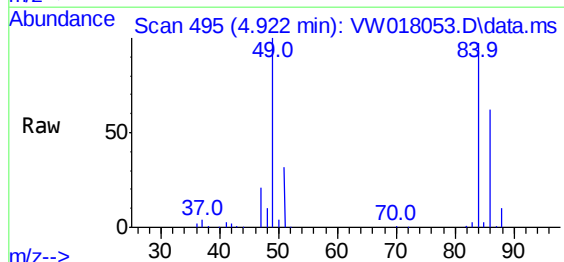
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

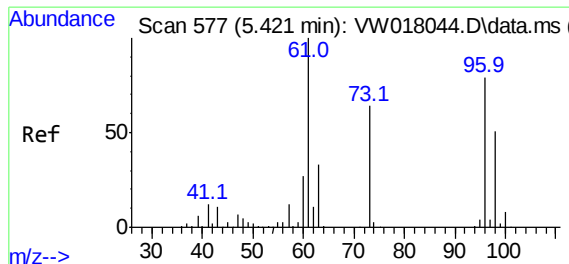
Tgt Ion: 43 Resp: 57328
Ion Ratio Lower Upper
43 100
74 27.5 20.7 31.1



#16
Methylene chloride
Concen: 21.64 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 84 Resp: 144450
Ion Ratio Lower Upper
84 100
49 103.4 81.2 150.8
86 64.4 44.5 82.7

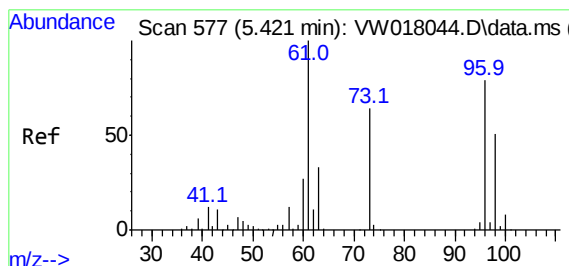
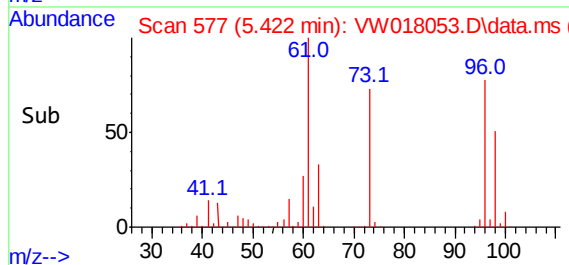
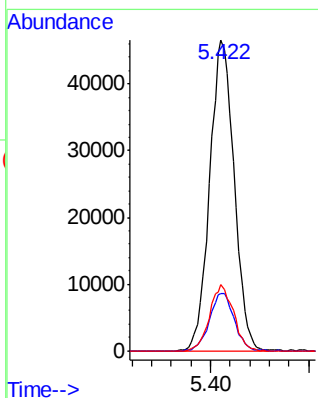
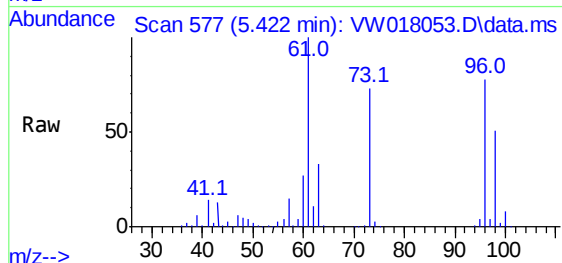




#17
Methyl tert-butyl Ether
Concen: 25.79 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

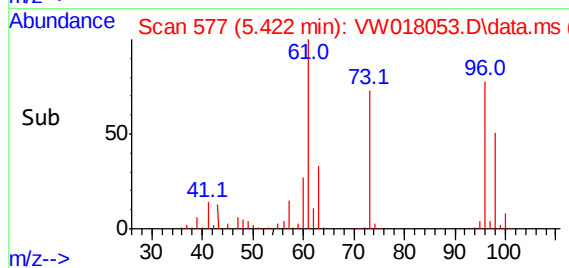
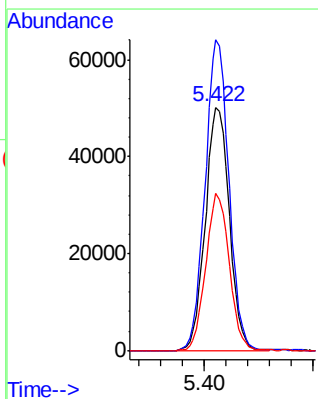
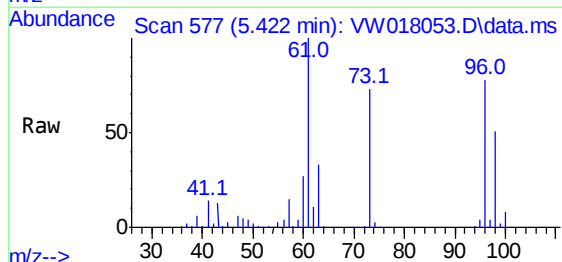
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

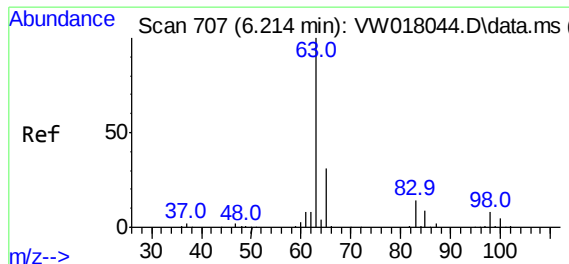
Tgt Ion: 73 Resp: 161100
Ion Ratio Lower Upper
73 100
43 18.7 16.2 24.4
57 20.5 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 25.76 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 96 Resp: 153184
Ion Ratio Lower Upper
96 100
61 127.7 92.7 172.1
98 64.7 43.3 80.3

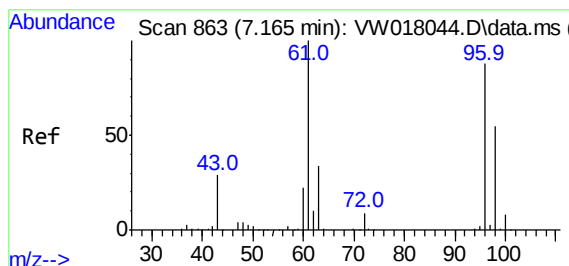
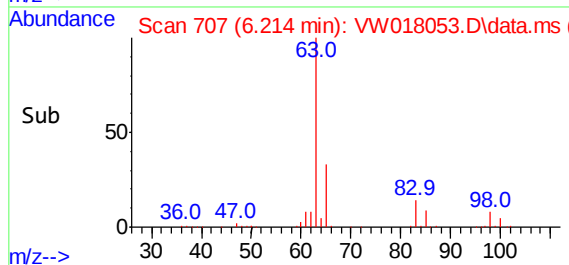
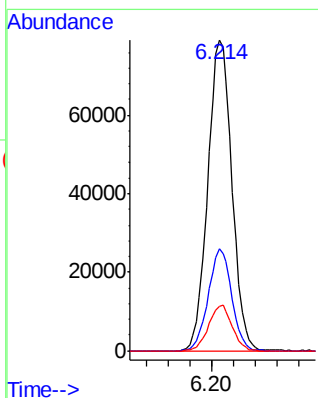
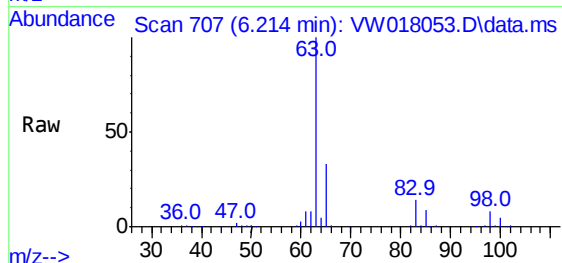




#19
1,1-Dichloroethane
Concen: 25.31 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

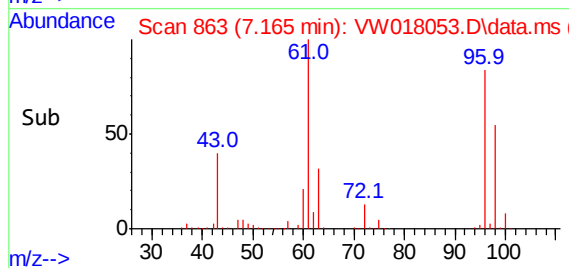
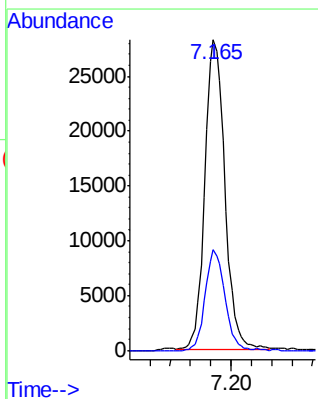
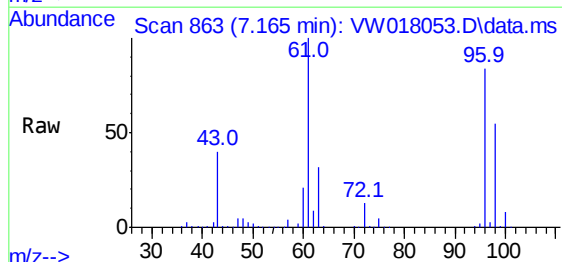
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

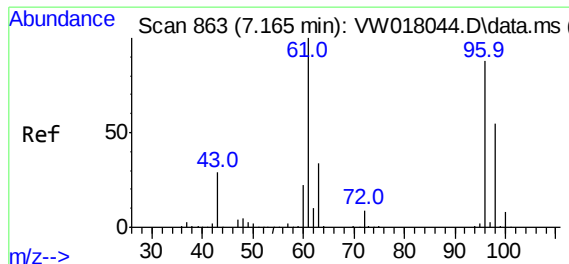
Tgt Ion: 63 Resp: 242904
Ion Ratio Lower Upper
63 100
65 32.7 21.9 40.7
83 14.4 9.4 17.6



#21
2-Butanone
Concen: 49.54 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 43 Resp: 77075
Ion Ratio Lower Upper
43 100
72 31.8 14.4 43.2



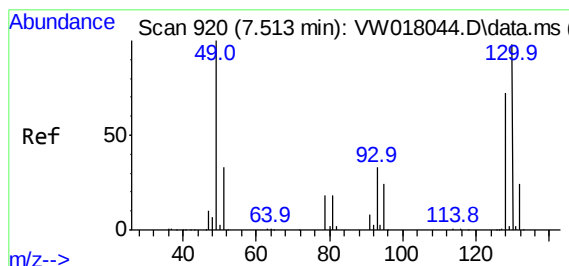
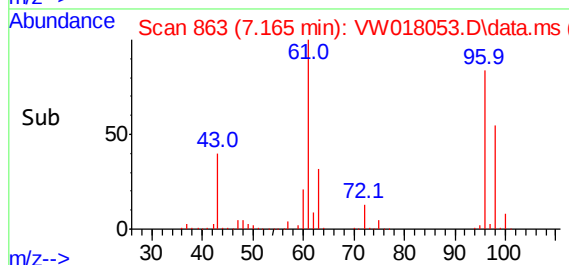
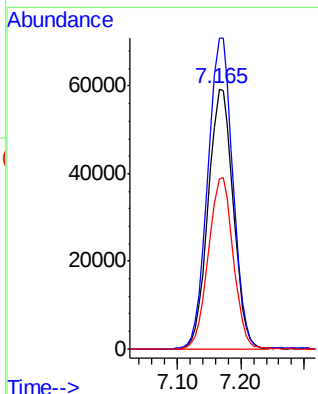
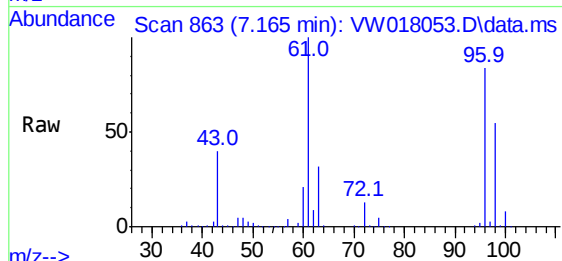


#22
cis-1,2-Dichloroethene
Concen: 25.54 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

Tgt Ion: 96 Resp: 157559

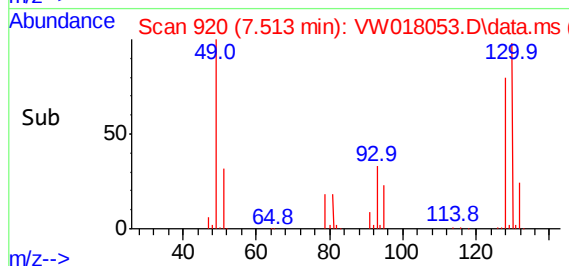
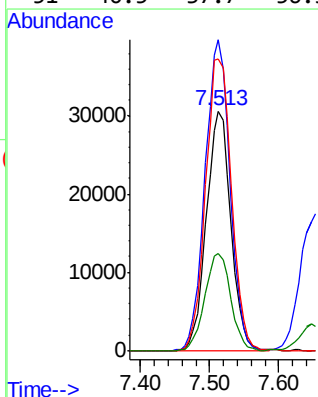
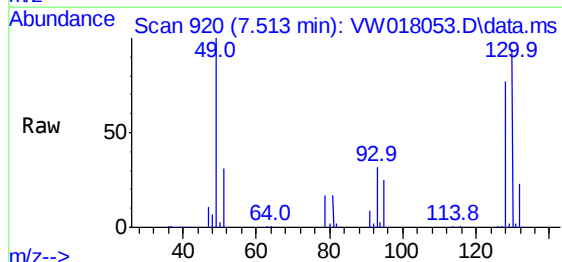
Ion	Ratio	Lower	Upper
96	100		
61	119.6	84.6	157.2
98	65.3	44.7	82.9

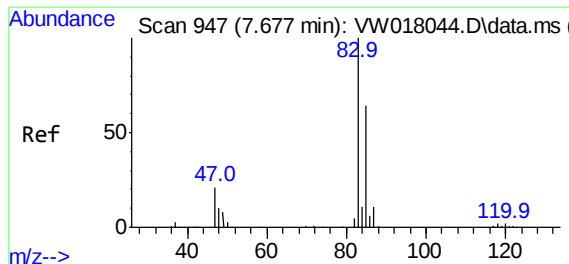


#23
Bromochloromethane
Concen: 25.27 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 128 Resp: 74906

Ion	Ratio	Lower	Upper
128	100		
49	129.8	101.6	188.6
130	122.1	90.4	167.8
51	40.5	37.7	56.5

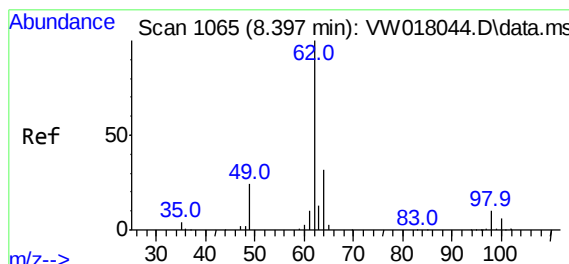
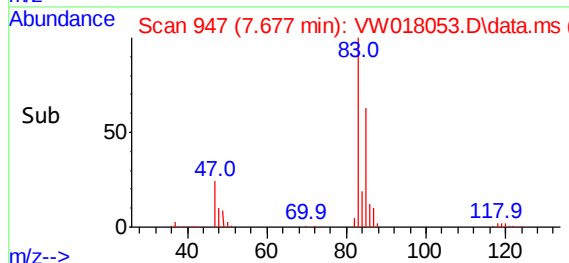
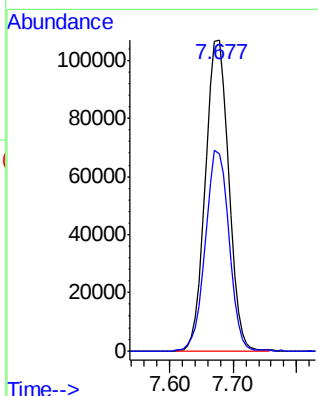
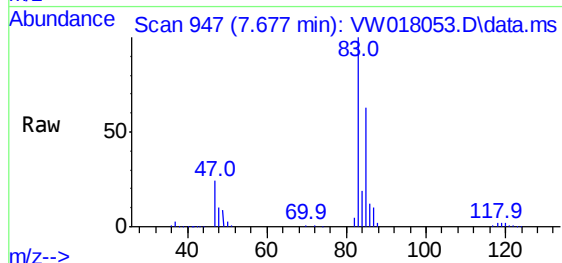




#25
Chloroform
Concen: 25.10 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

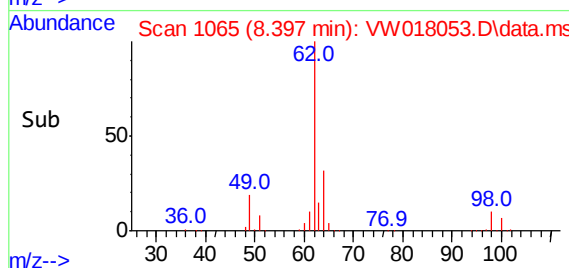
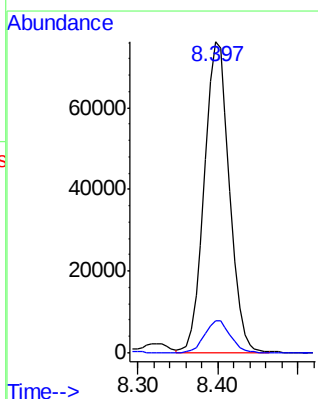
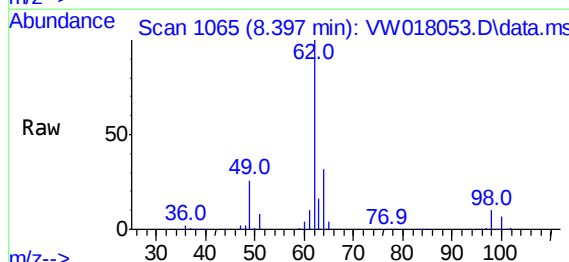
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

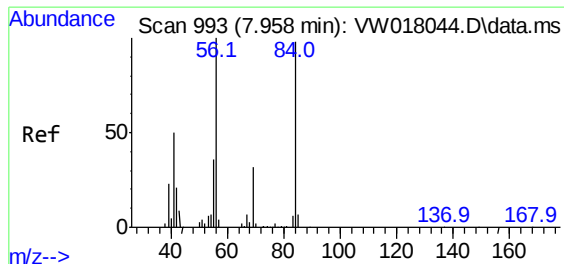
Tgt Ion: 83 Resp: 262934
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.31 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 62 Resp: 165273
Ion Ratio Lower Upper
62 100
98 10.2 8.0 12.0

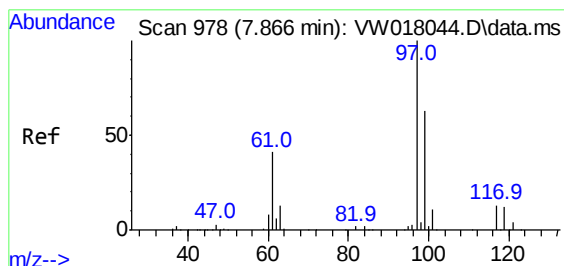
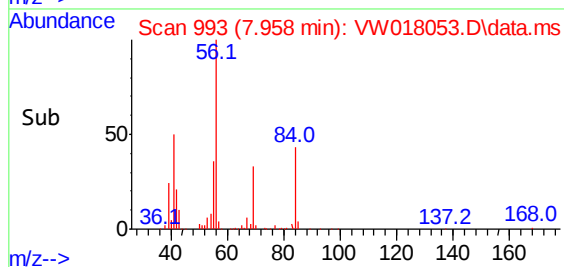
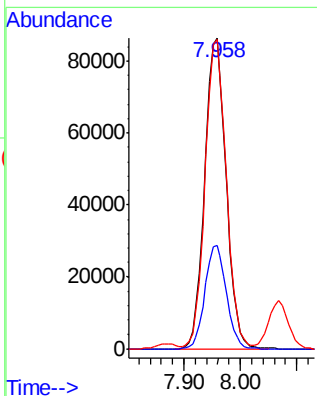
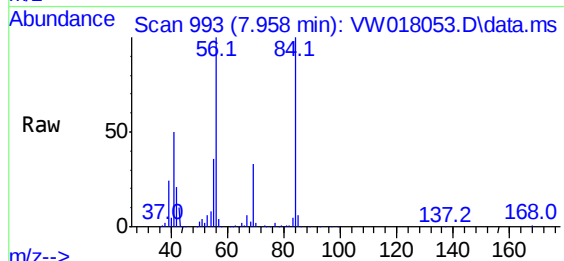




#30
Cyclohexane
Concen: 26.43 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

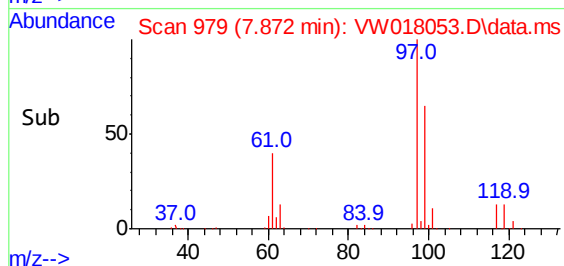
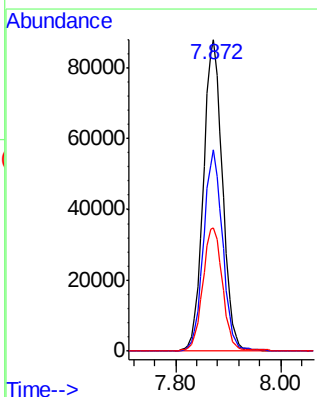
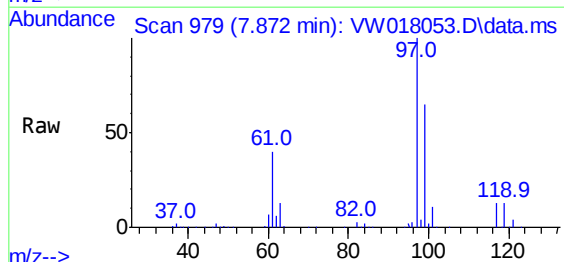
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

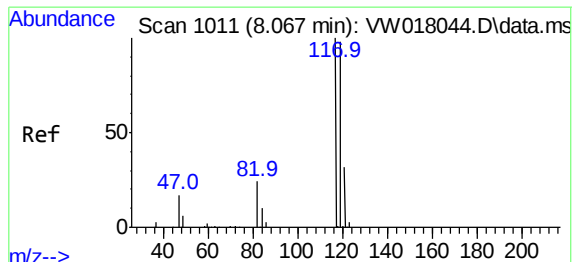
Tgt Ion: 56 Resp: 225308
Ion Ratio Lower Upper
56 100
69 33.3 24.8 37.2
84 98.8 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 26.64 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 97 Resp: 220177
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 40.7 33.6 50.4

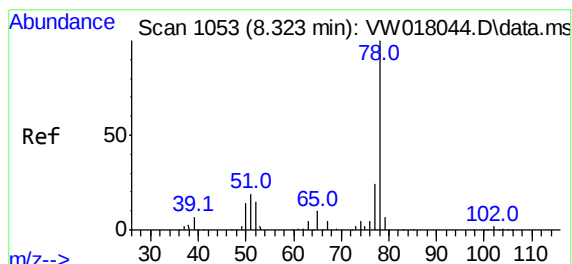
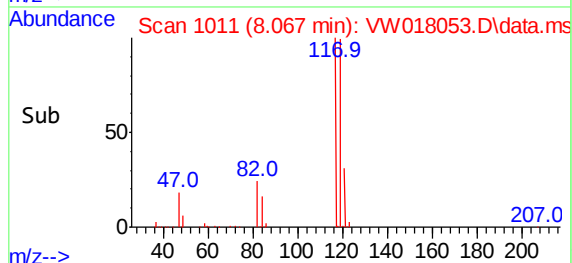
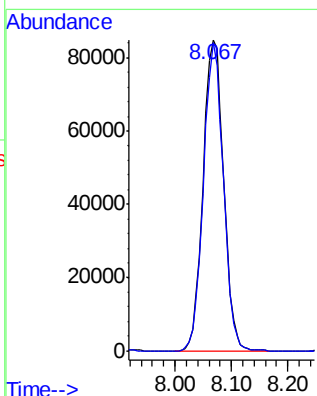
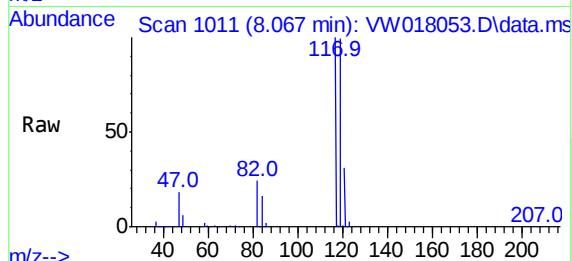




#32
Carbon tetrachloride
Concen: 26.50 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

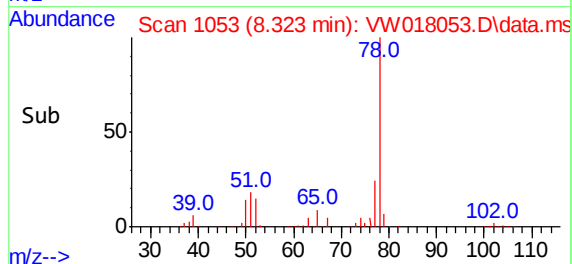
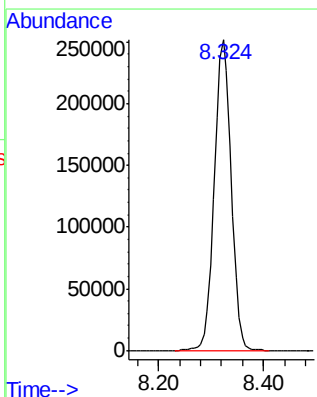
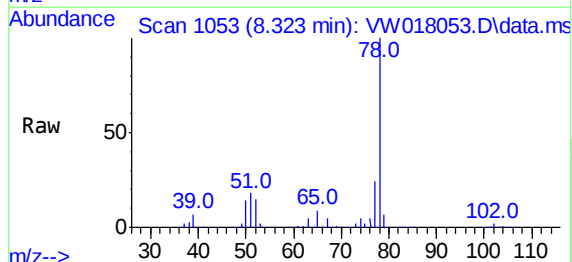
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

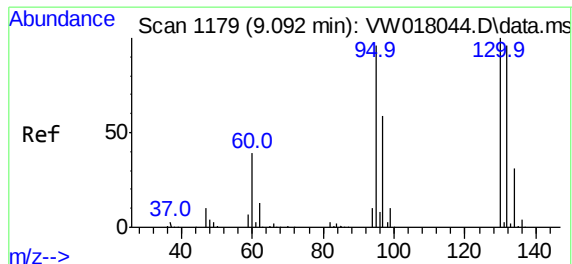
Tgt Ion:117 Resp: 212085
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8



#34
Benzene
Concen: 25.74 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 78 Resp: 560657

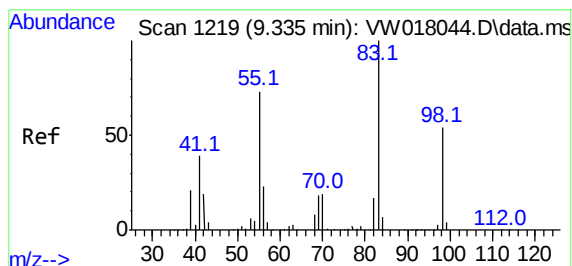
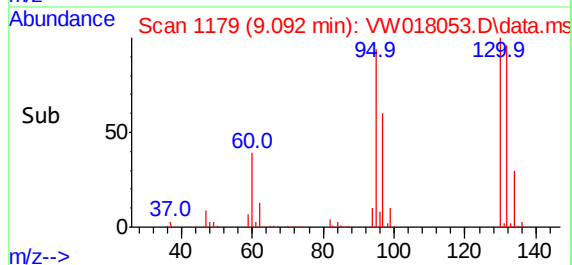
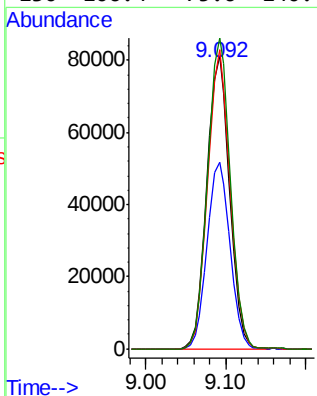
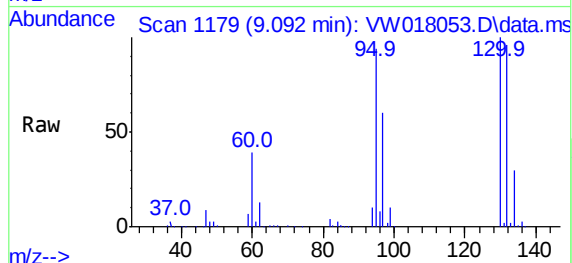




#35
Trichloroethene
Concen: 26.05 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

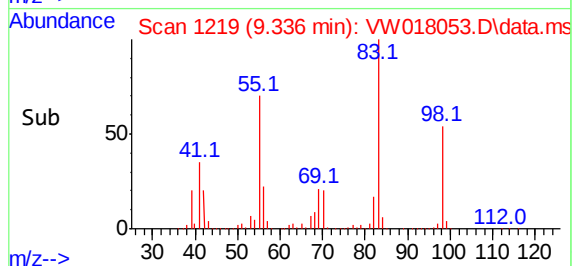
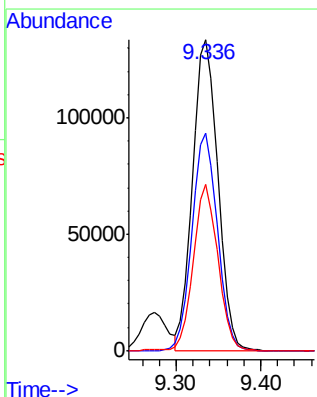
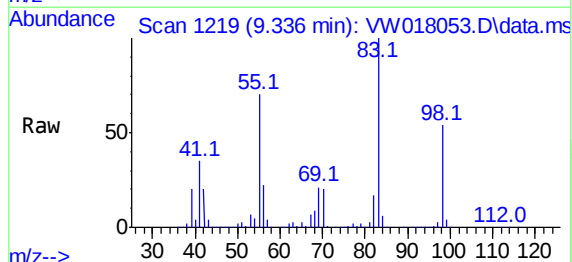
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

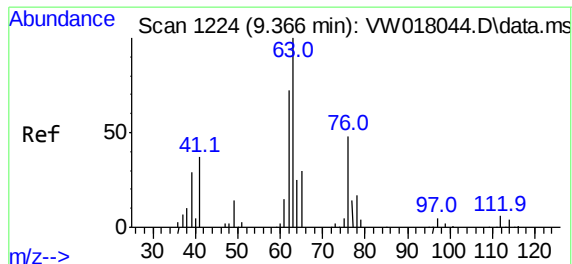
Tgt Ion: 95 Resp: 159892
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 100.8 71.0 131.8
130 106.4 75.6 140.4



#36
Methylcyclohexane
Concen: 26.21 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 83 Resp: 270552
Ion Ratio Lower Upper
83 100
55 70.0 59.4 89.0
98 51.7 40.7 61.1

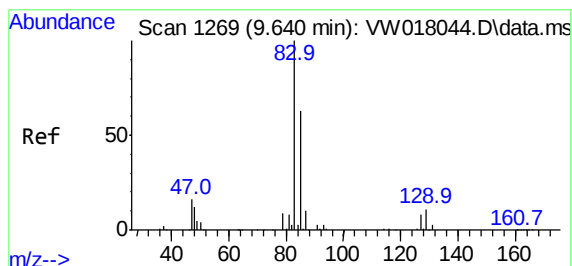
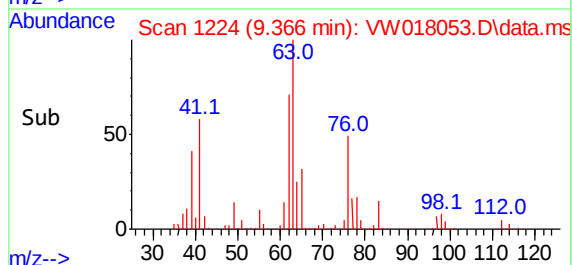
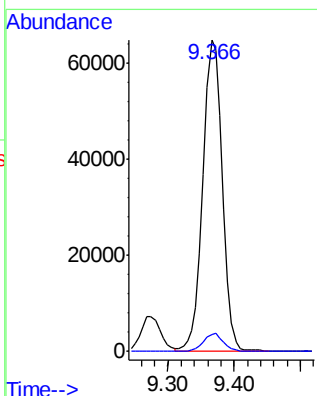
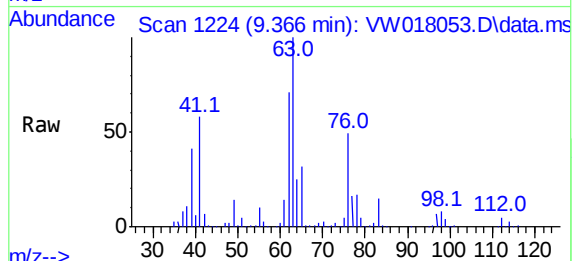




#40
1,2-Dichloropropane
Concen: 26.22 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

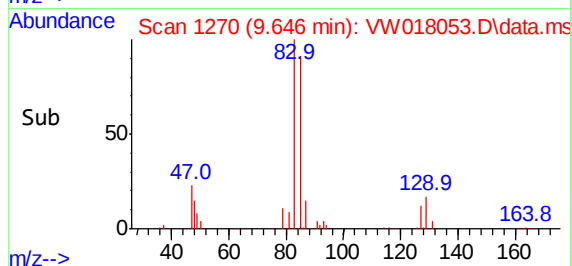
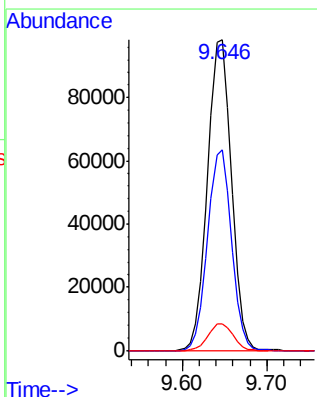
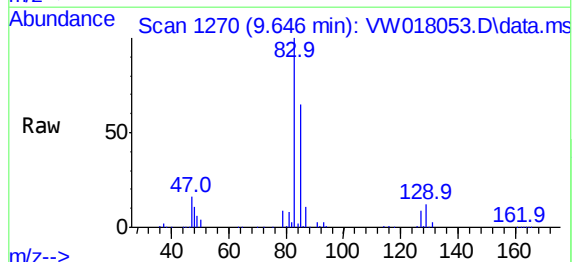
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

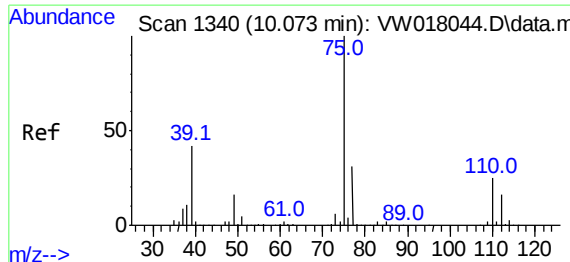
Tgt Ion: 63 Resp: 131038
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 26.23 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 83 Resp: 187767
Ion Ratio Lower Upper
83 100
85 64.5 46.8 86.8
127 8.6 7.6 11.4

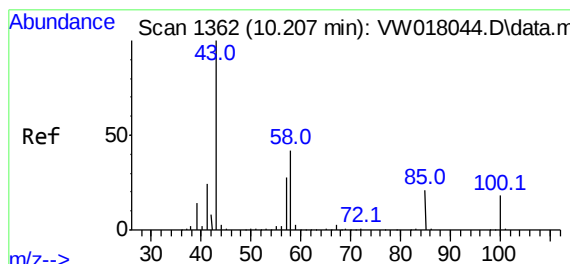
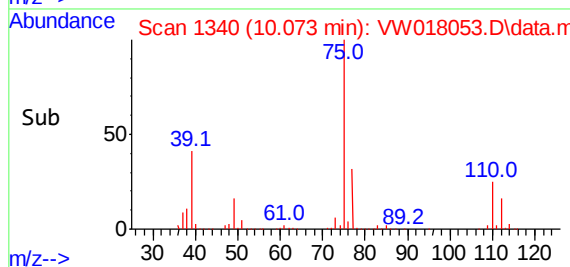
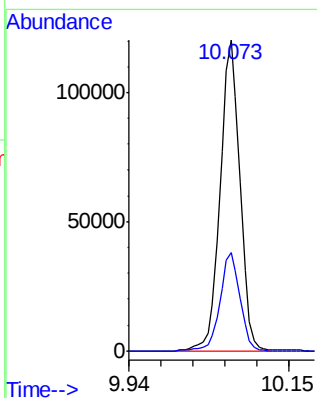
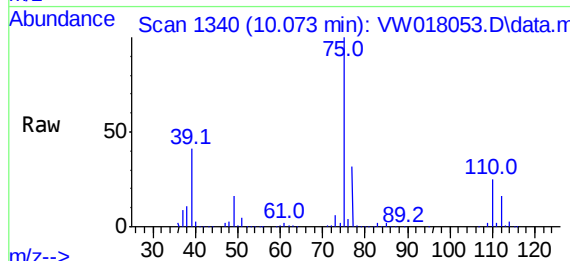




#42
cis-1,3-Dichloropropene
Concen: 26.97 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

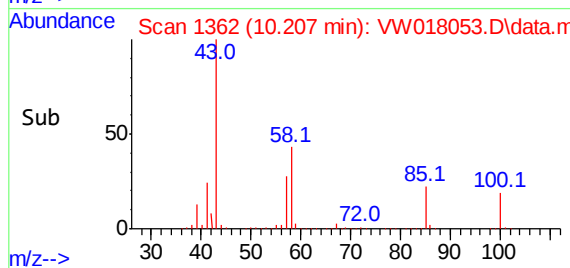
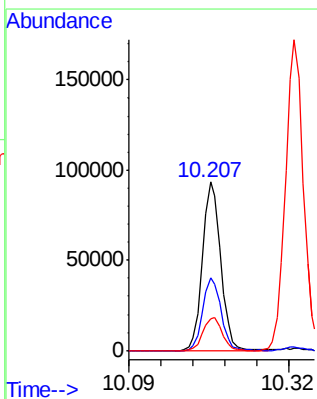
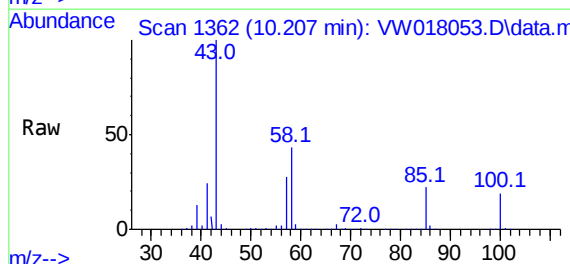
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

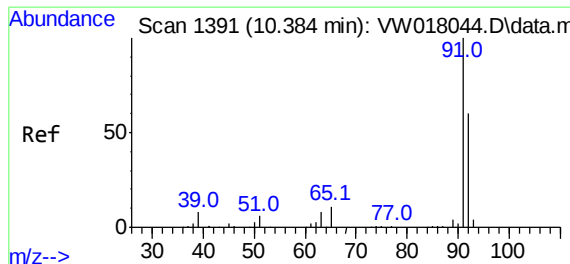
Tgt Ion: 75 Resp: 217240
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 52.41 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 43 Resp: 162900
Ion Ratio Lower Upper
43 100
58 43.4 31.6 47.4
100 20.2 14.1 21.1





#44

Toluene

Concen: 26.35 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018053.D

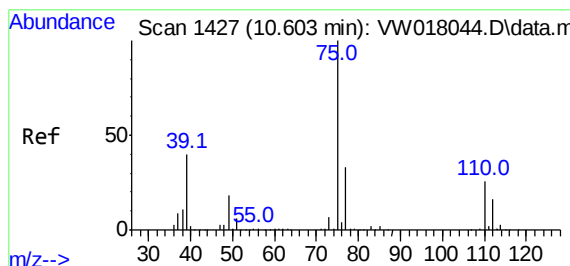
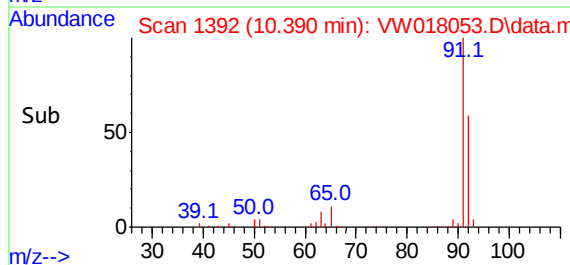
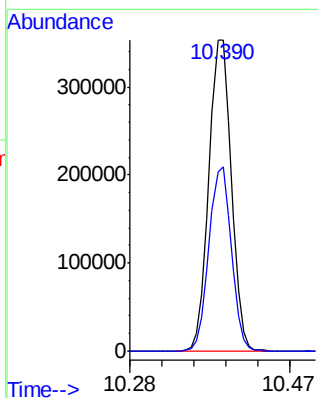
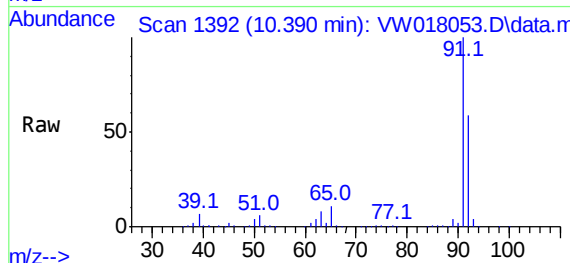
Acq: 08 Feb 2021 15:02

Tgt Ion: 91 Resp: 631757

Ion Ratio Lower Upper

91 100

92 59.1 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 26.93 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018053.D

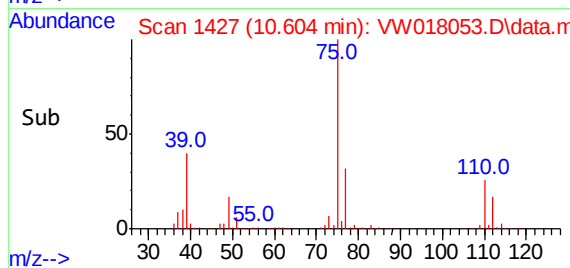
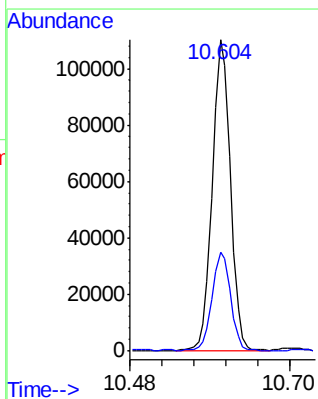
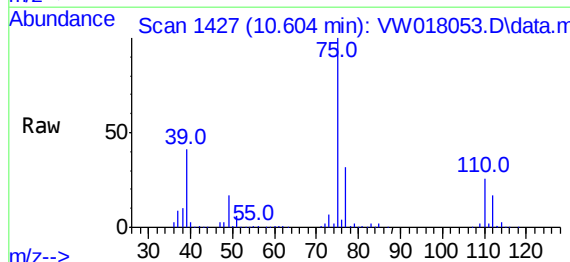
Acq: 08 Feb 2021 15:02

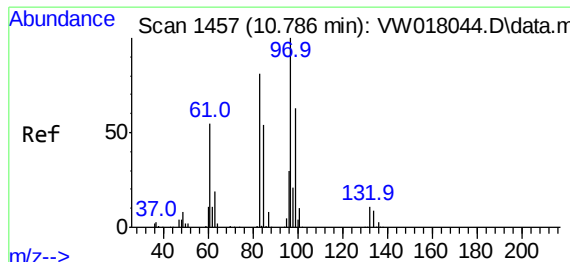
Tgt Ion: 75 Resp: 188860

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0



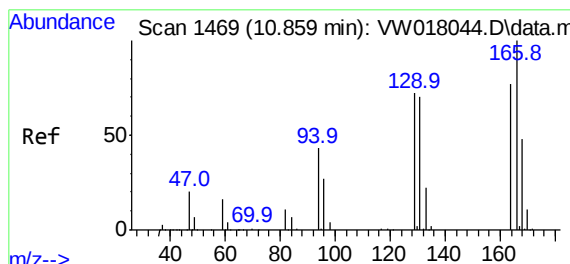
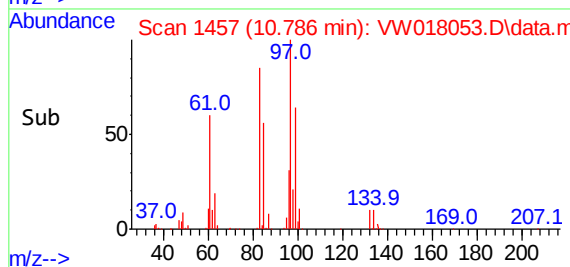
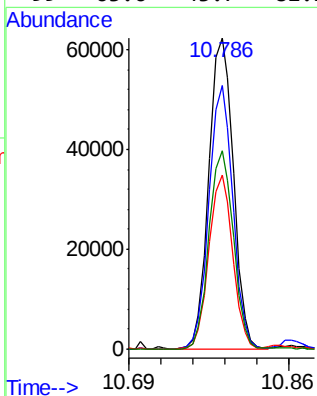
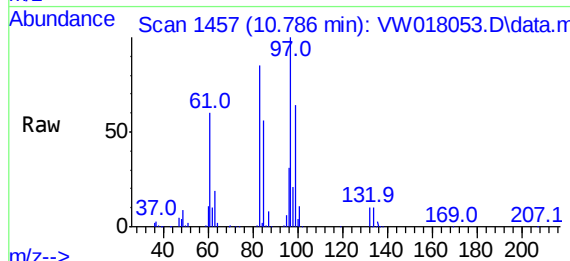


#46
1,1,2-Trichloroethane
Concen: 25.82 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

Tgt Ion: 97 Resp: 110177

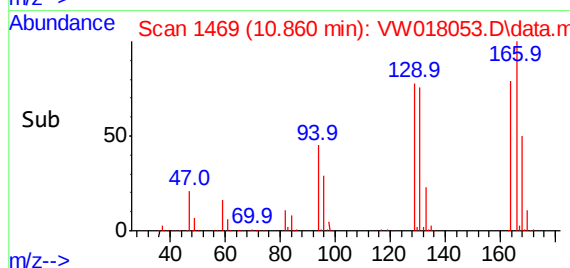
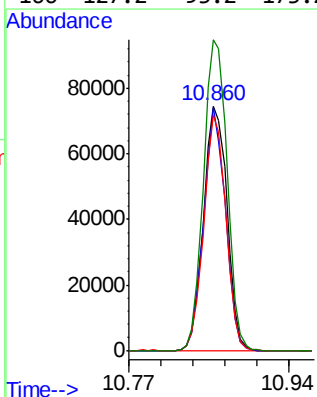
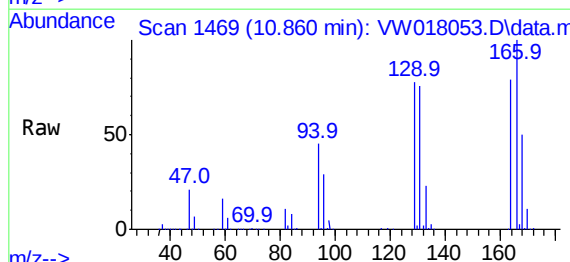
Ion	Ratio	Lower	Upper
97	100		
83	85.0	58.5	108.7
85	55.9	37.8	70.2
99	63.6	43.7	81.1

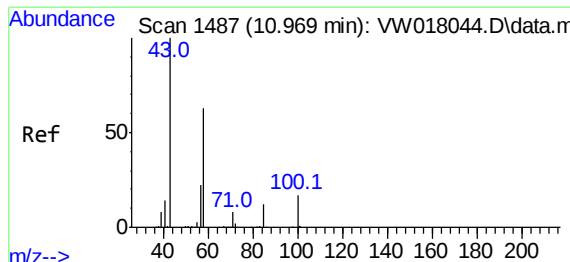


#47
Tetrachloroethene
Concen: 26.01 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 164 Resp: 135935

Ion	Ratio	Lower	Upper
164	100		
129	99.2	67.6	125.6
131	96.1	65.2	121.2
166	127.2	93.2	173.2



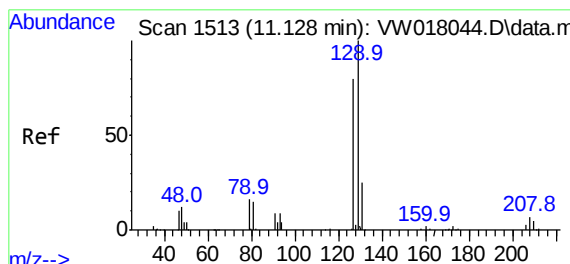
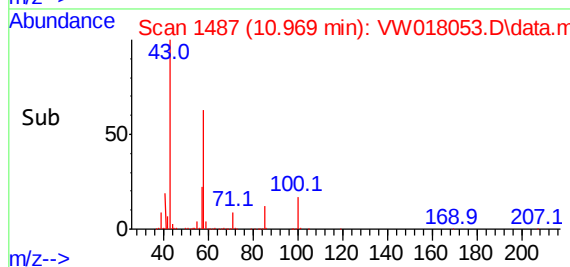
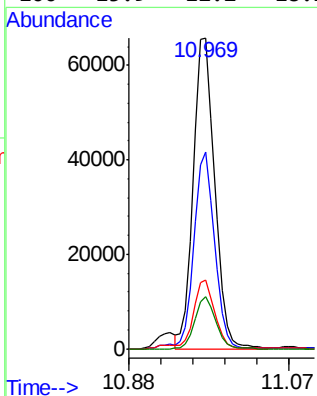
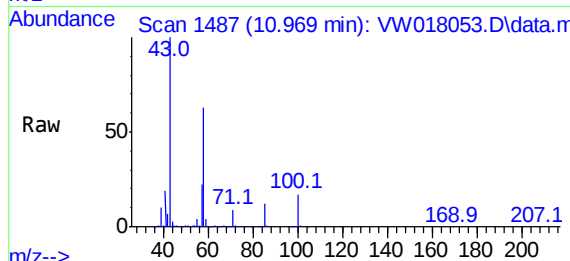


#49
2-Hexanone
Concen: 52.63 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

Tgt Ion: 43 Resp: 113678

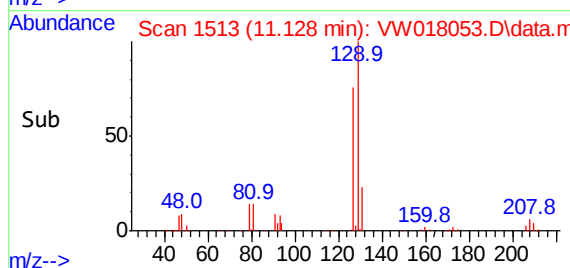
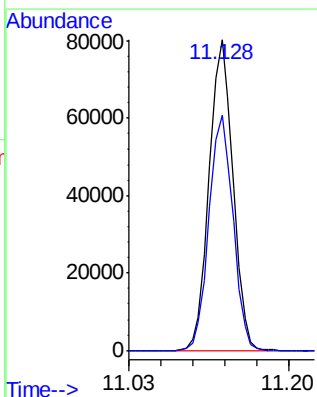
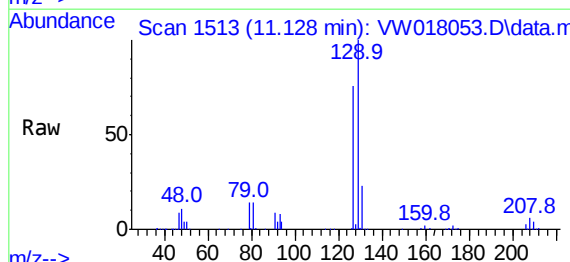
Ion	Ratio	Lower	Upper
43	100		
58	61.7	51.3	76.9
57	21.1	15.0	22.6
100	15.9	12.2	18.2

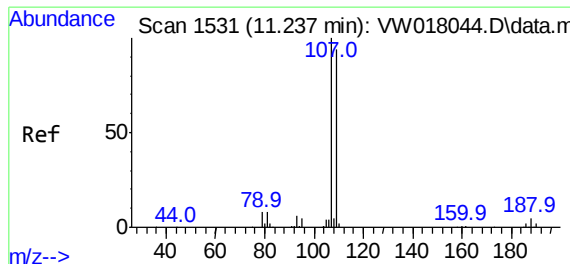


#50
Dibromochloromethane
Concen: 26.87 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 129 Resp: 137359

Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.2	98.8

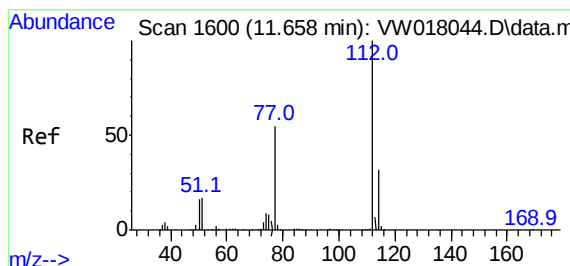
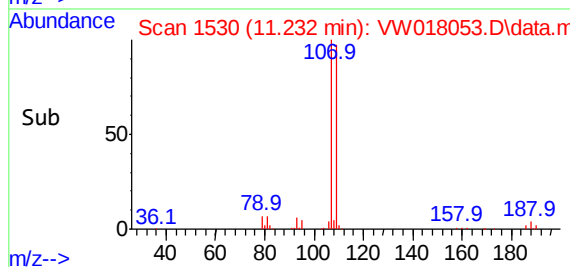
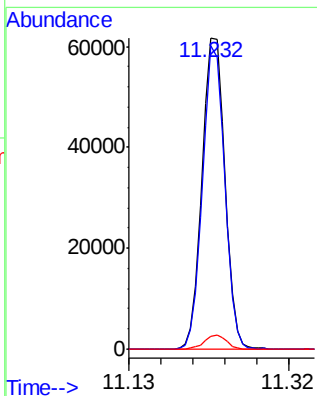
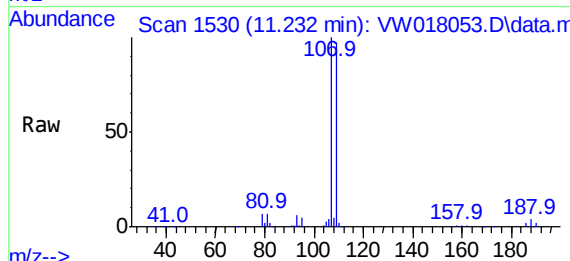




#51
1,2-Dibromoethane
Concen: 26.08 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

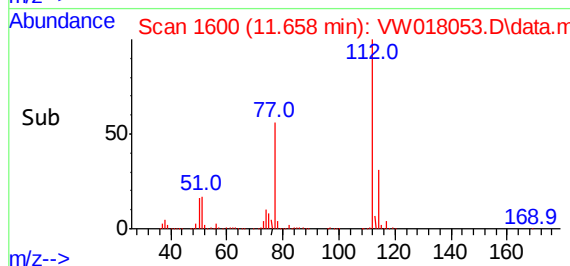
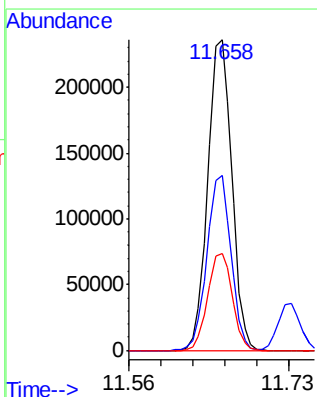
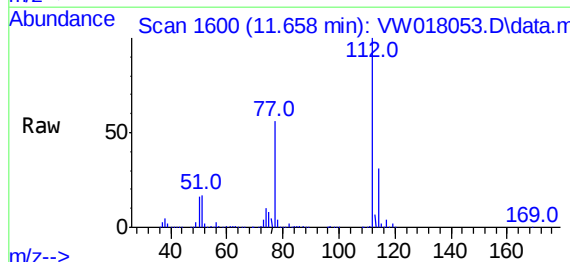
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

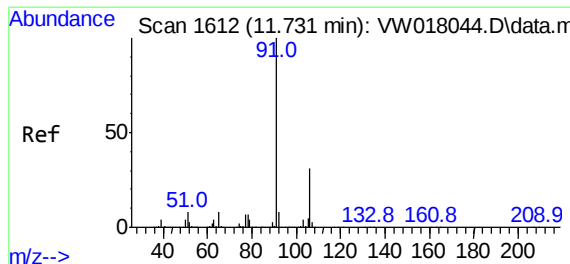
Tgt Ion:107 Resp: 110977
Ion Ratio Lower Upper
107 100
109 97.4 66.4 123.2
188 3.8 4.0 6.0#



#52
Chlorobenzene
Concen: 25.87 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion:112 Resp: 408575
Ion Ratio Lower Upper
112 100
77 56.2 42.6 64.0
114 31.4 21.6 40.2

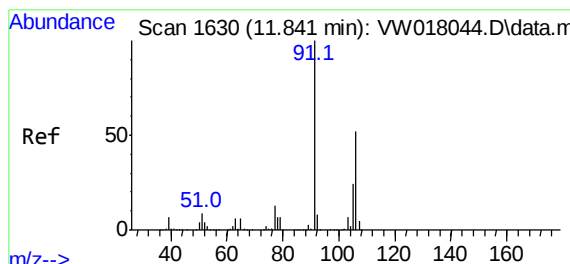
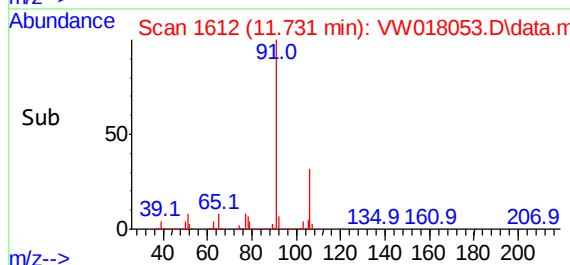
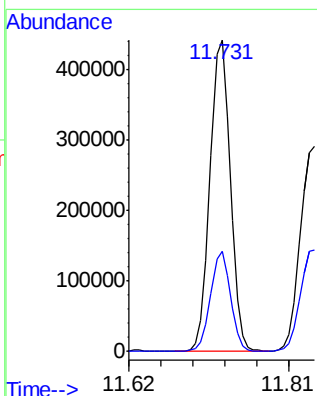
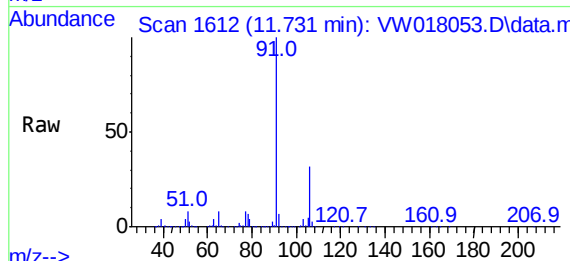




#53
Ethylbenzene
Concen: 26.16 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

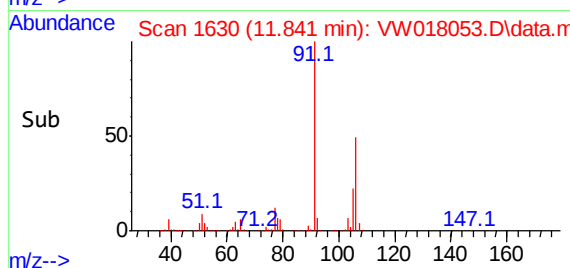
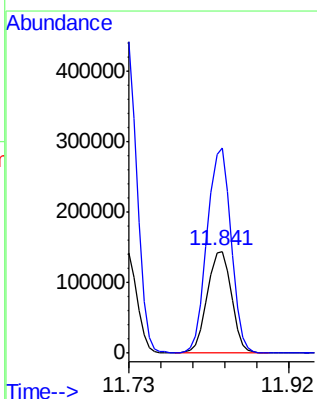
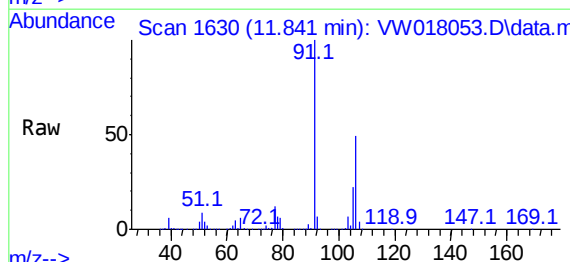
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

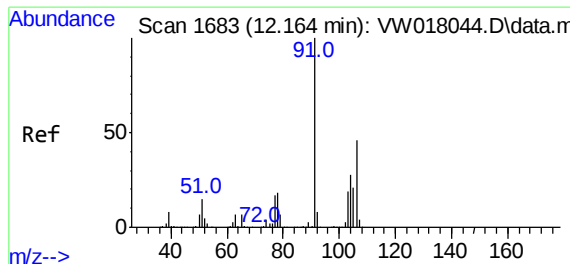
Tgt Ion: 91 Resp: 712787
Ion Ratio Lower Upper
91 100
106 31.9 21.1 39.1



#54
m,p-Xylene
Concen: 26.53 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 106 Resp: 275598
Ion Ratio Lower Upper
106 100
91 202.7 136.4 253.4

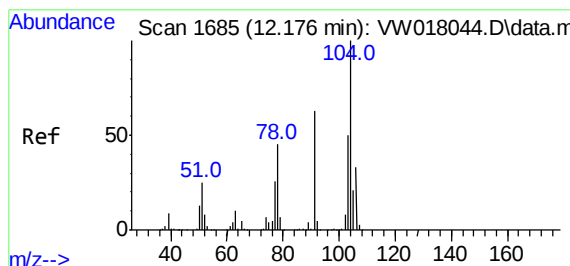
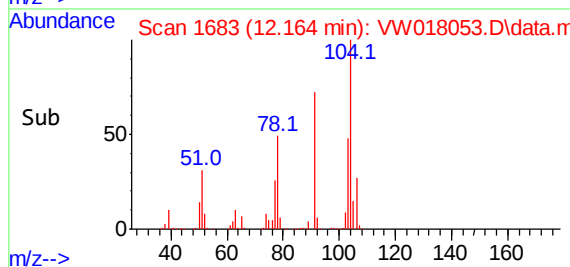
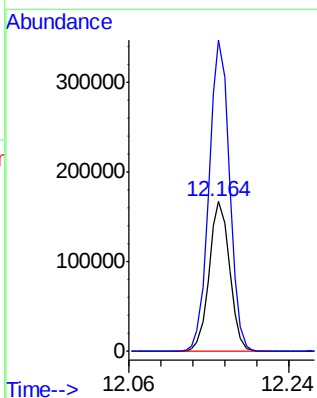
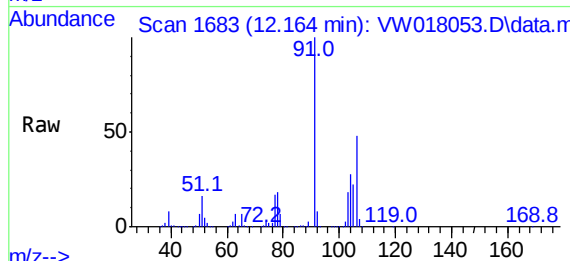




#55
o-xylene
Concen: 26.82 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

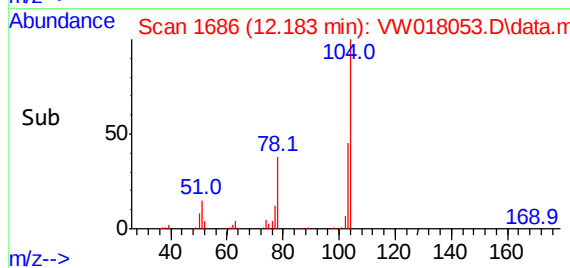
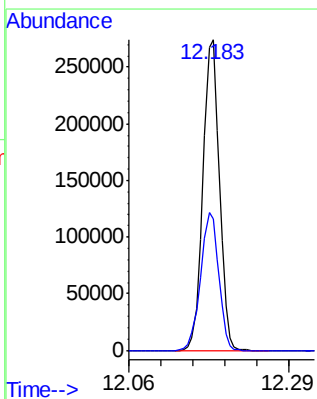
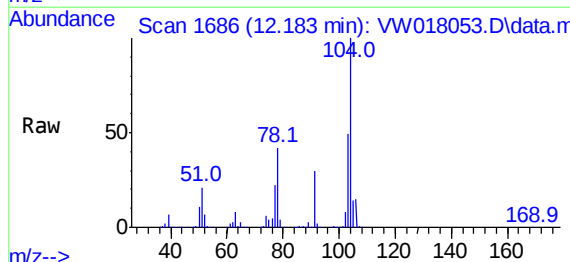
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

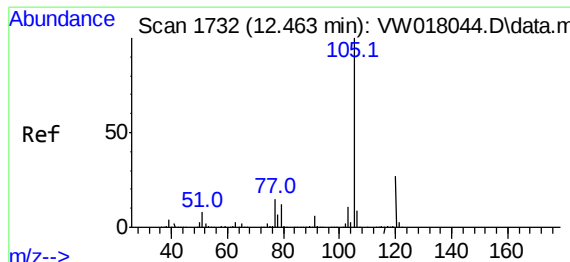
Tgt Ion:106 Resp: 264258
Ion Ratio Lower Upper
106 100
91 208.7 147.6 274.2



#56
Styrene
Concen: 26.78 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion:104 Resp: 448753
Ion Ratio Lower Upper
104 100
78 42.3 31.3 58.1

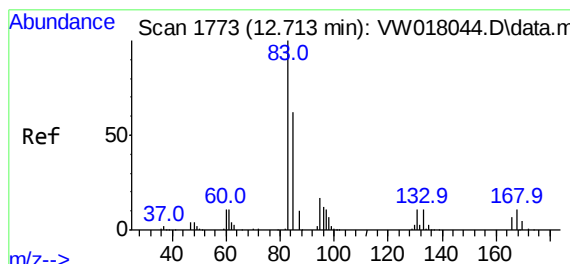
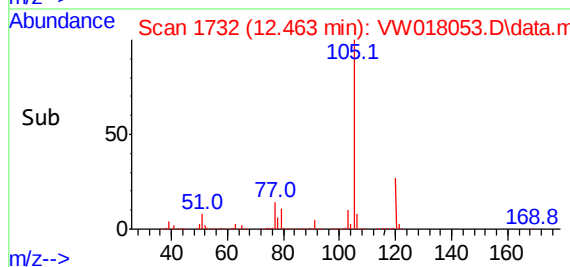
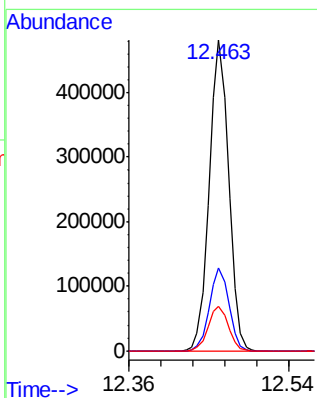
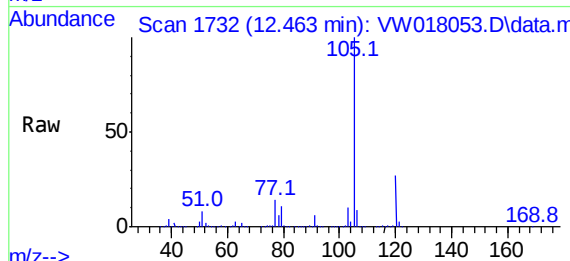




#57
Isopropylbenzene
Concen: 26.46 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

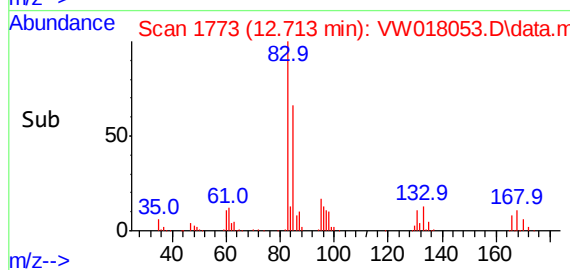
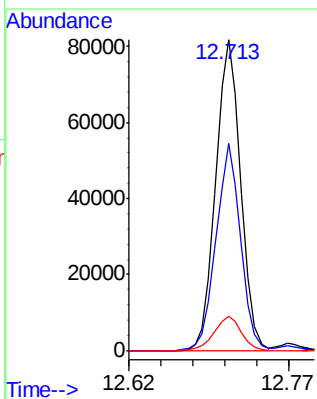
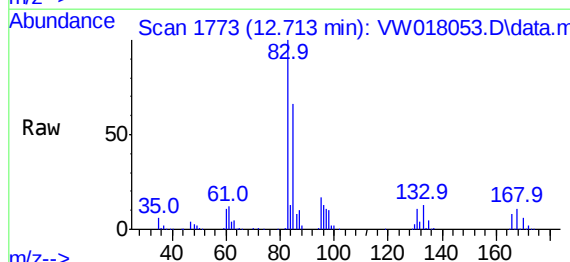
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

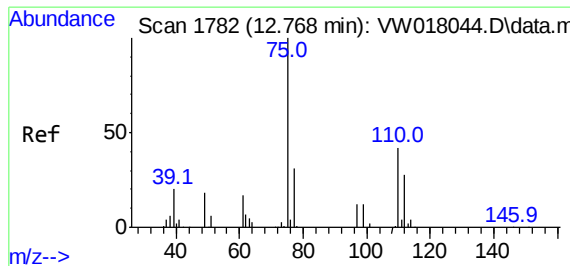
Tgt Ion:105 Resp: 726197
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 14.7 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 25.77 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 83 Resp: 130091
Ion Ratio Lower Upper
83 100
85 66.4 45.3 84.1
131 10.9 8.3 12.5

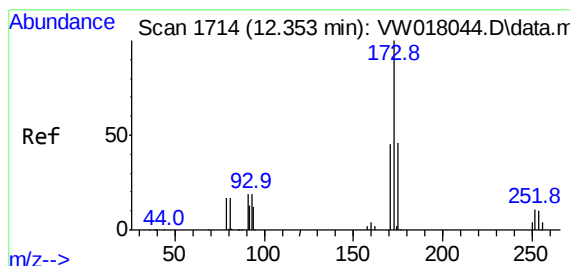
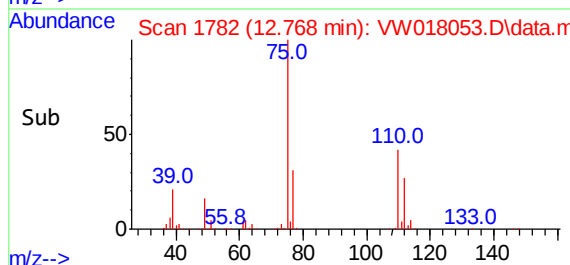
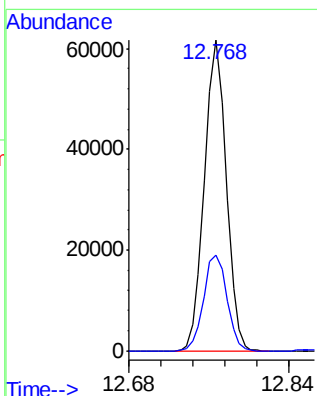
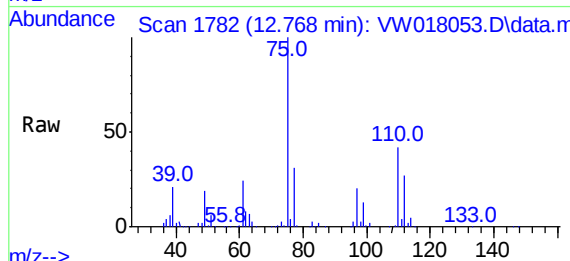




#59
1,2,3-Trichloropropane
Concen: 25.45 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

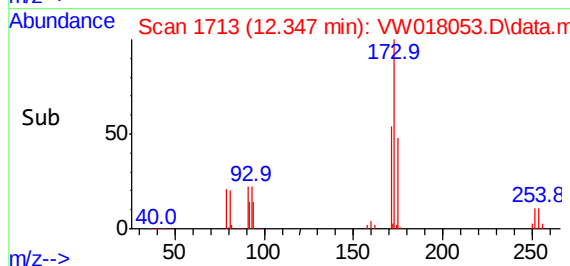
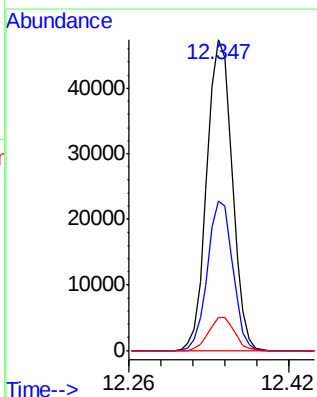
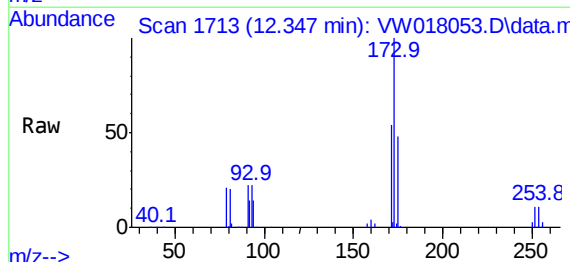
Instrument :
MSVOA_W
ClientSampleID :
VSTD02514

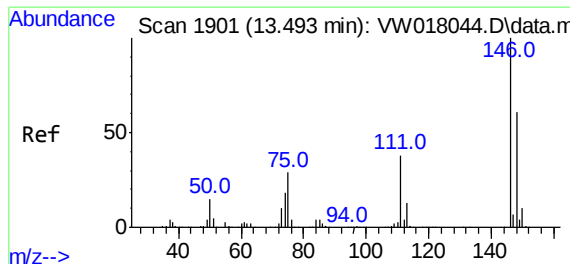
Tgt Ion: 75 Resp: 97333
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8



#62
Bromoform
Concen: 26.26 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 173 Resp: 81570
Ion Ratio Lower Upper
173 100
175 47.8 39.1 58.7
254 10.7 7.1 10.7#

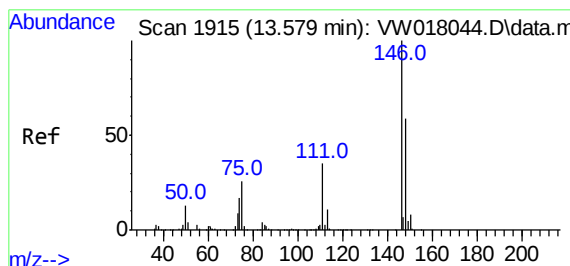
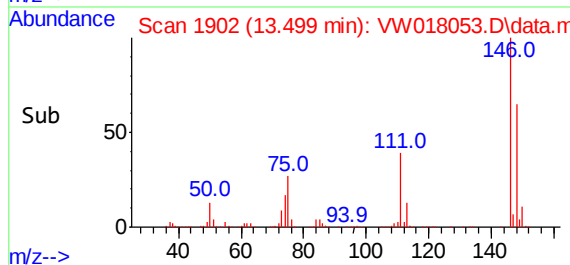
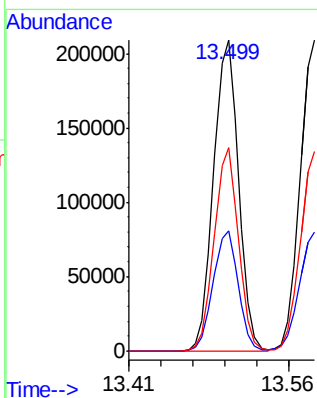
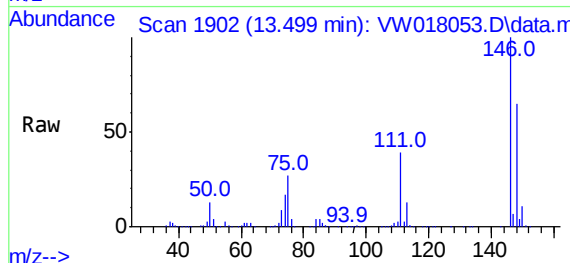




#63
1,3-Dichlorobenzene
Concen: 25.90 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

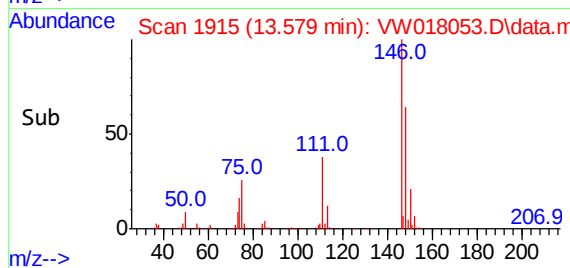
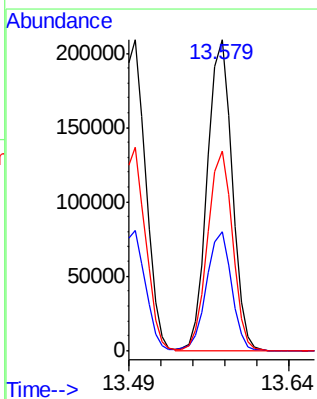
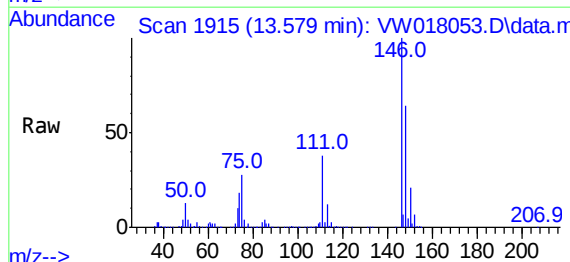
Instrument :
MSVOA_W
ClientSampled :
VSTD02514

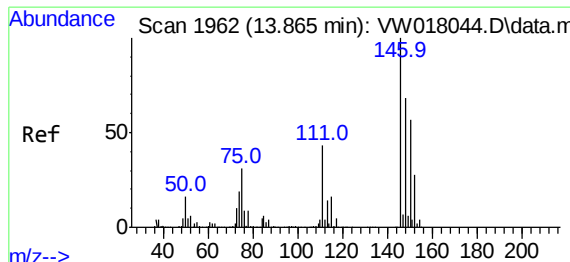
Tgt Ion:146 Resp: 332834
Ion Ratio Lower Upper
146 100
111 38.8 28.5 52.9
148 65.3 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.51 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion:146 Resp: 329601
Ion Ratio Lower Upper
146 100
111 38.3 27.7 51.5
148 64.1 47.0 87.2

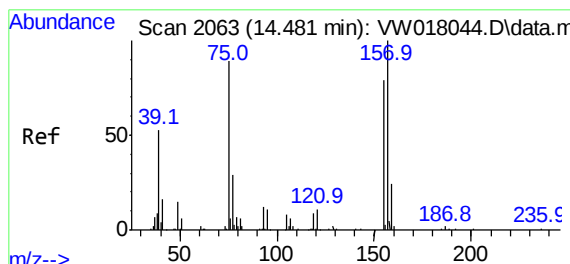
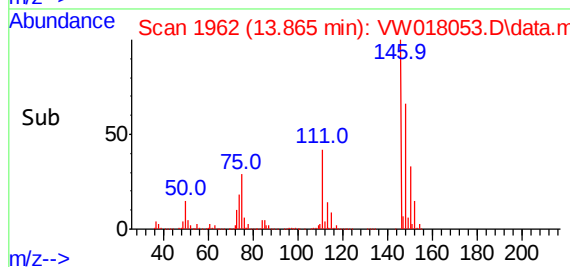
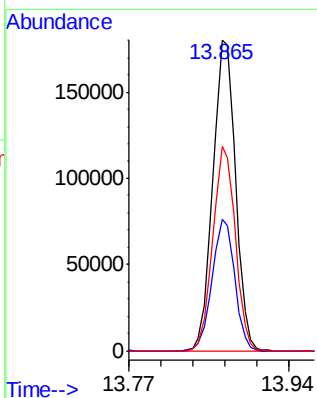
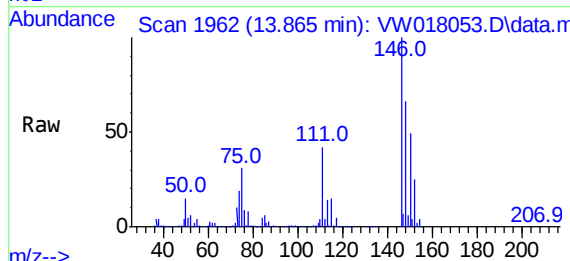




#65
1,2-Dichlorobenzene
Concen: 25.44 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

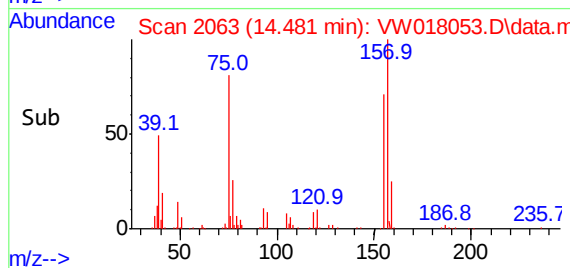
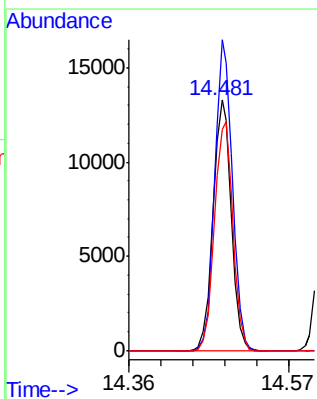
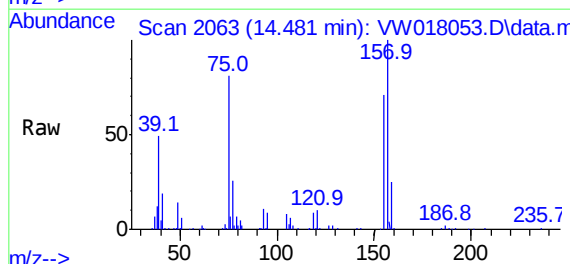
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

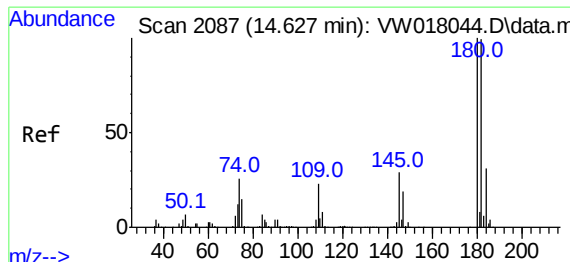
Tgt Ion:146 Resp: 294725
Ion Ratio Lower Upper
146 100
111 42.4 31.7 47.5
148 66.0 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 24.91 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion: 75 Resp: 21859
Ion Ratio Lower Upper
75 100
157 124.2 99.9 149.9
155 88.3 71.4 107.0

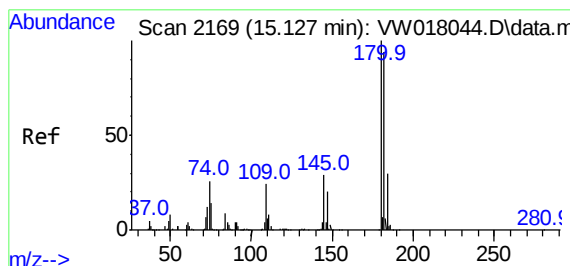
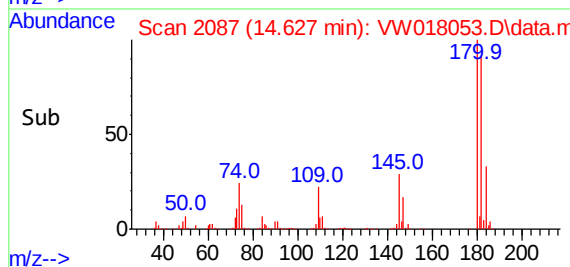
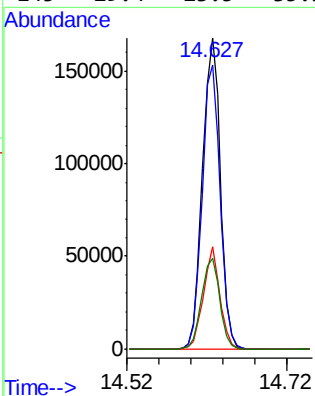
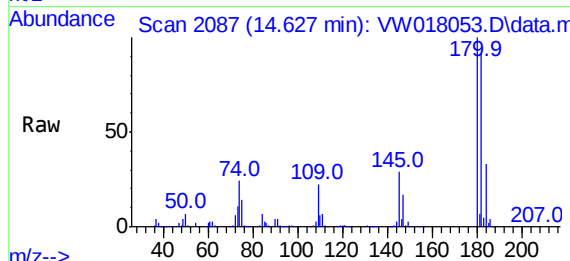




#67
1,3,5-Trichlorobenzene
Concen: 26.30 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

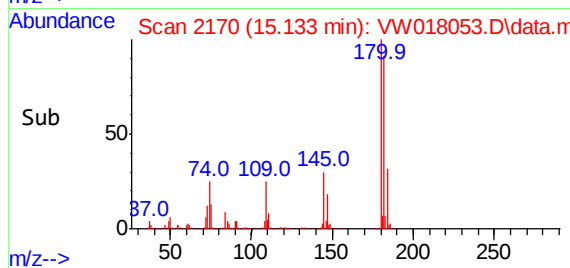
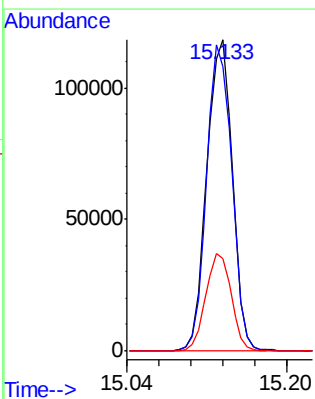
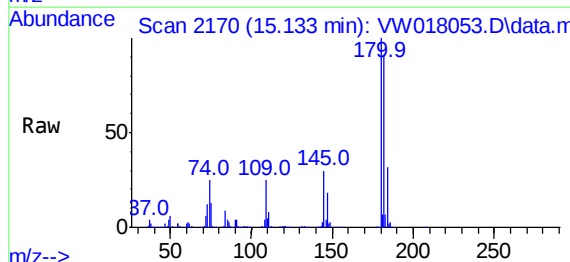
Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

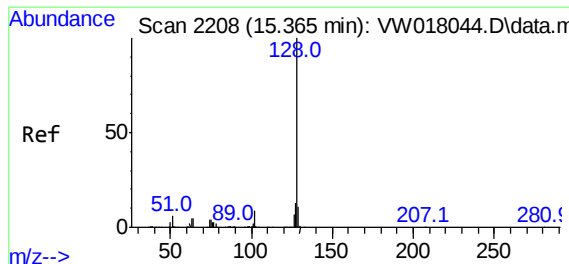
Tgt Ion:180 Resp: 259616
Ion Ratio Lower Upper
180 100
182 91.4 77.0 115.6
184 29.9 24.2 36.4
145 29.4 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 24.92 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion:180 Resp: 205095
Ion Ratio Lower Upper
180 100
182 97.1 71.3 106.9
145 30.8 24.0 36.0

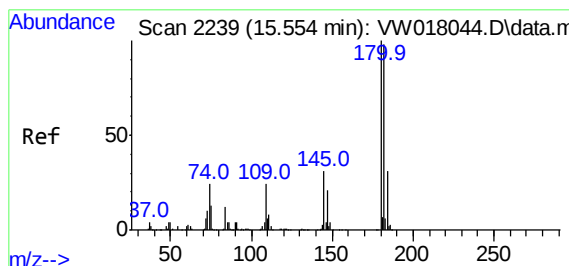
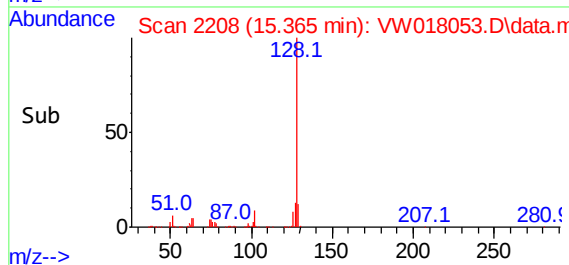
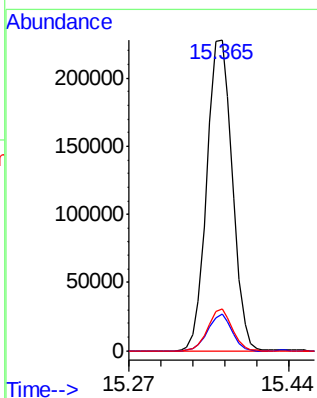
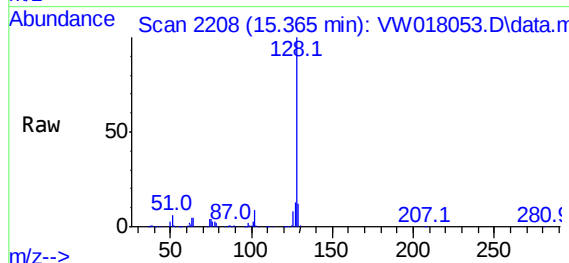




#69
Naphthalene
Concen: 26.06 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

Tgt Ion:128 Resp: 417252
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.34 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018053.D
Acq: 08 Feb 2021 15:02

Tgt Ion:180 Resp: 185905
Ion Ratio Lower Upper
180 100
182 95.5 74.7 112.1
145 32.1 25.4 38.0

