

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041221\
 Data File : VW018633.D
 Acq On : 12 Apr 2021 19:22
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025115

Quant Time: Apr 17 04:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 17 04:26:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	414038	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	227045	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108779	15.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.80%
7) Chloroethane-d5	2.891	69	99050	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
11) 1,1-Dichloroethene-d2	4.031	63	203672	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.40%
21) 2-Butanone-d5	7.080	46	74310	50.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.24%
24) Chloroform-d	7.647	84	252417	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.305	65	149159	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.24%
32) Benzene-d6	8.275	84	437962	20.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.68%
36) 1,2-Dichloropropane-d6	9.274	67	140384	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.76%
41) Toluene-d8	10.323	98	416177	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.12%
43) trans-1,3-Dichloroprop...	10.579	79	64051	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.32%
47) 2-Hexanone-d5	10.927	63	62818	50.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.44%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146840	24.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.12%
66) 1,2-Dichlorobenzene-d4	13.853	152	167373	21.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	109072	22.31	ug/L	96
3) Chloromethane	2.215	50	139914	22.88	ug/L	97
5) Vinyl chloride	2.367	62	216268	23.35	ug/L	97
6) Bromomethane	2.782	94	143111	21.80	ug/L	99
8) Chloroethane	2.928	64	130104	24.06	ug/L	94
9) Trichlorofluoromethane	3.257	101	106379	25.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	156225	26.56	ug/L	95
12) 1,1-Dichloroethene	4.044	96	146071	24.84	ug/L	94
13) Acetone	4.117	43	53404	51.58	ug/L	85
14) Carbon disulfide	4.385	76	417052	23.56	ug/L	100
15) Methyl Acetate	4.672	43	72568	27.83	ug/L	99
16) Methylene chloride	4.922	84	159614	24.34	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	164907	25.87	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	215856	26.63	ug/L	97
19) 1,1-Dichloroethane	6.220	63	289969	26.59	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	180157	26.91	ug/L	93
22) 2-Butanone	7.165	43	93991	56.46	ug/L	99
23) Bromochloromethane	7.513	128	83803	26.87	ug/L	95
25) Chloroform	7.677	83	316045	26.70	ug/L	98

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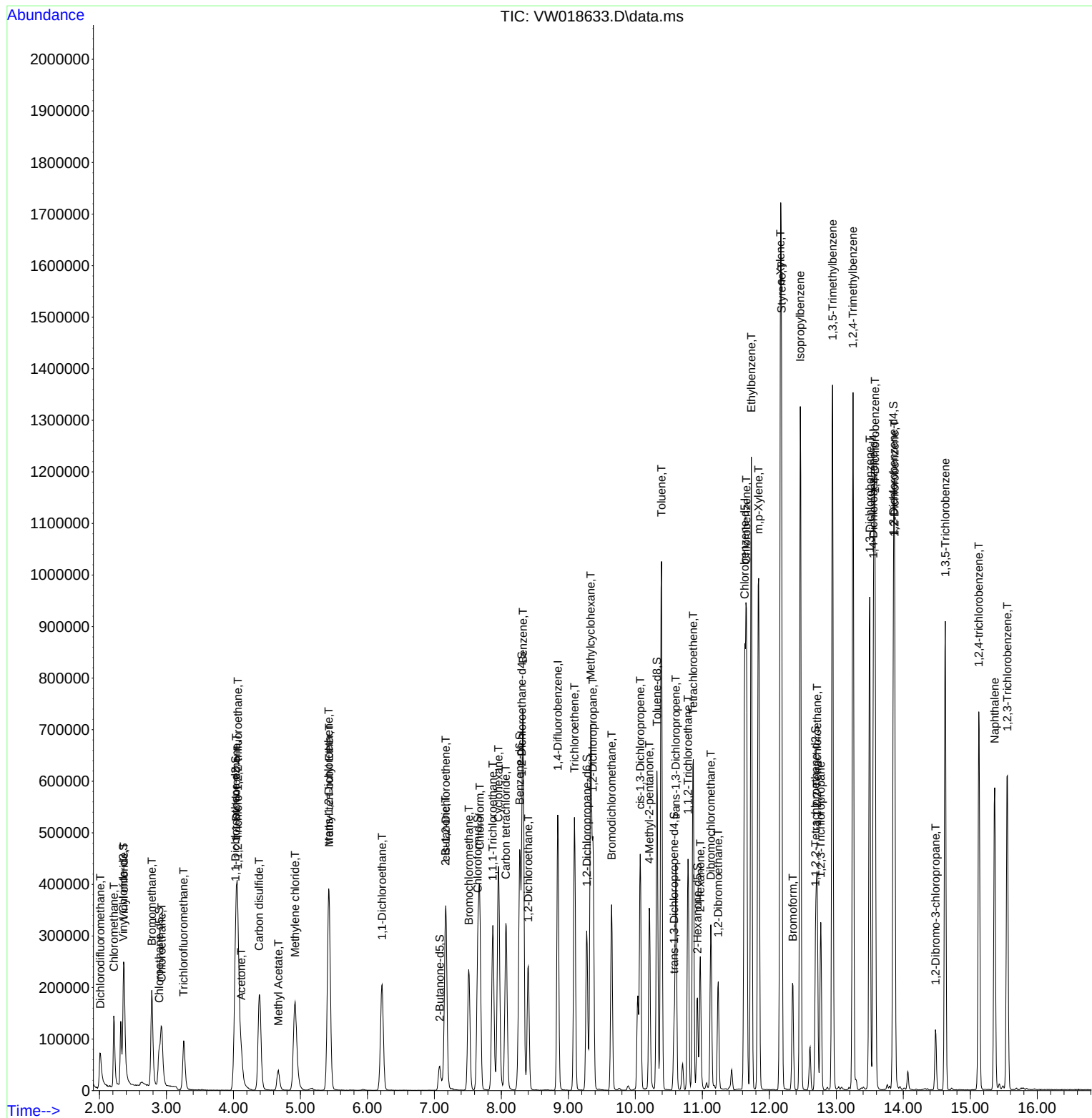
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	225030	26.60	ug/L	99
29) Cyclohexane	7.958	56	243275	25.40	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	251146	26.90	ug/L	99
31) Carbon tetrachloride	8.067	117	247265	27.87	ug/L	97
33) Benzene	8.323	78	667069	26.99	ug/L	100
34) Trichloroethene	9.091	95	181306	26.55	ug/L	92
35) Methylcyclohexane	9.335	83	295577	25.57	ug/L	99
37) 1,2-Dichloropropane	9.366	63	165346	27.99	ug/L	100
38) Bromodichloromethane	9.646	83	236254	27.84	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	262910	27.09	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	220874	57.31	ug/L	98
42) Toluene	10.390	91	754466	26.89	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	237440	26.32	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	138195	27.82	ug/L	97
46) Tetrachloroethene	10.866	164	136685	26.55	ug/L	96
48) 2-Hexanone	10.969	43	152656	55.60	ug/L	97
49) Dibromochloromethane	11.128	129	159999	27.38	ug/L	92
50) 1,2-Dibromoethane	11.237	107	136314	27.00	ug/L	97
51) Chlorobenzene	11.658	112	481461	26.74	ug/L	96
52) Ethylbenzene	11.731	91	831148	26.17	ug/L	98
53) m,p-Xylene	11.841	106	322017	27.27	ug/L	100
54) o-Xylene	12.164	106	310870	27.07	ug/L	95
55) Styrene	12.182	104	534669	27.14	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	172897	27.41	ug/L	95
59) Bromoform	12.353	173	88840	25.15	ug/L #	94
60) Isopropylbenzene	12.463	105	841788	26.07	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	131414	26.93	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	728378	26.75	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	716758	26.07	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	371520	25.95	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	384275	26.29	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	349923	26.48	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	29364	25.00	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	256906	24.60	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	227667	25.87	ug/L	99
71) Naphthalene	15.365	128	495443	26.55	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	201705	25.55	ug/L	98

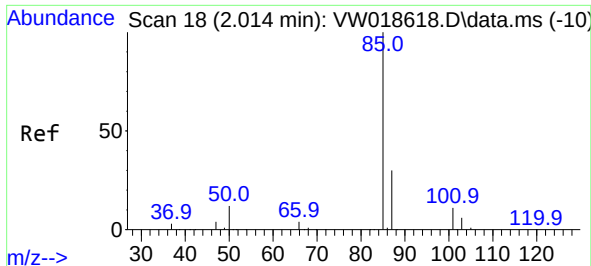
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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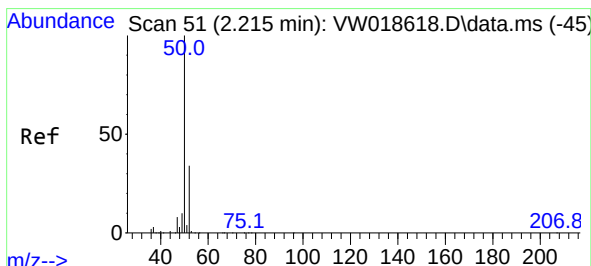
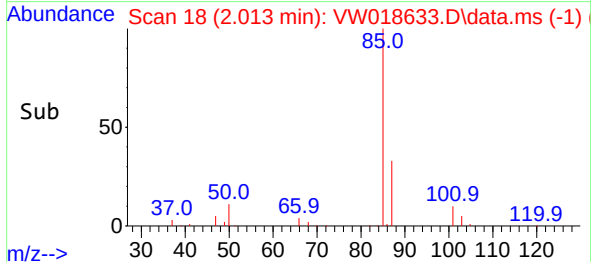
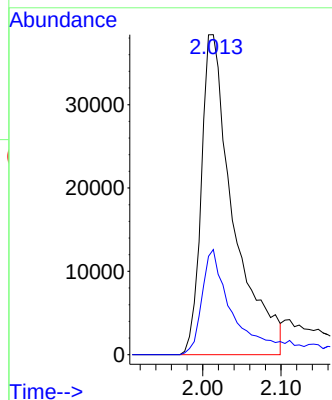
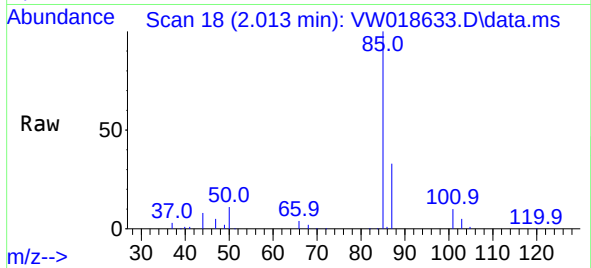




#2
 Dichlorodifluoromethane
 Concen: 22.31 ug/L
 RT: 2.013 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: VW018633.D
 Acq: 12 Apr 2021 19:22

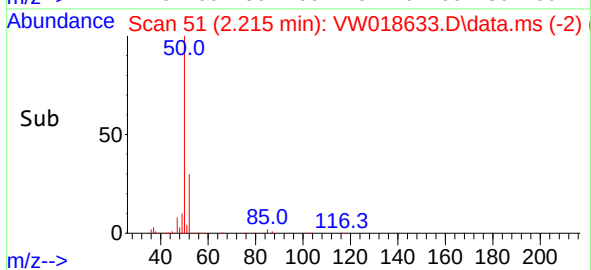
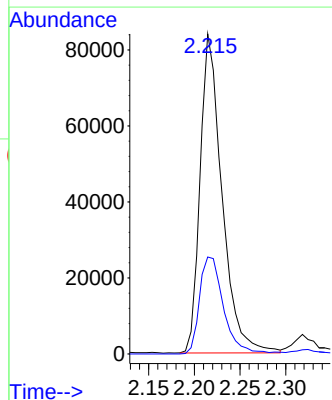
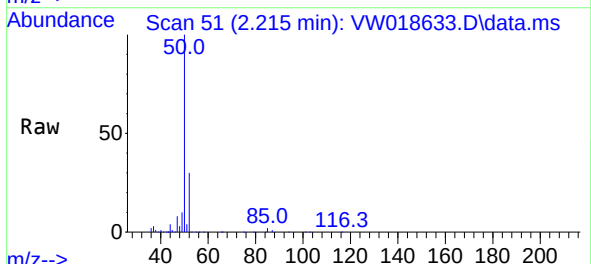
Instrument :
 MSVOA_W
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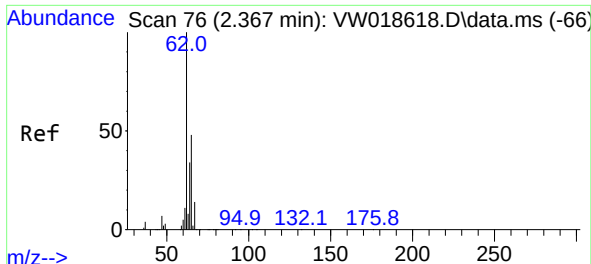
Tgt Ion: 85 Resp: 109072
 Ion Ratio Lower Upper
 85 100
 87 31.3 23.3 34.9



#3
 Chloromethane
 Concen: 22.88 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW018633.D
 Acq: 12 Apr 2021 19:22

Tgt Ion: 50 Resp: 139914
 Ion Ratio Lower Upper
 50 100
 52 30.3 22.5 41.9

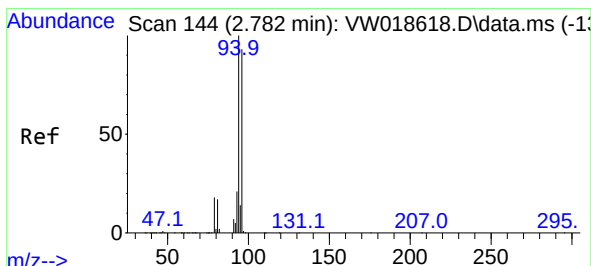
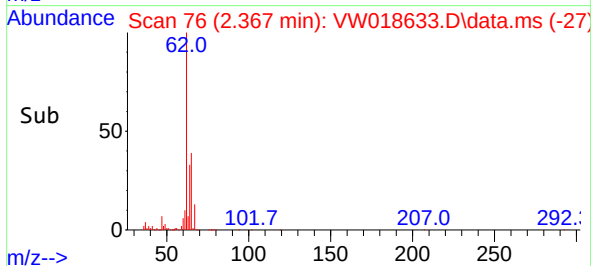
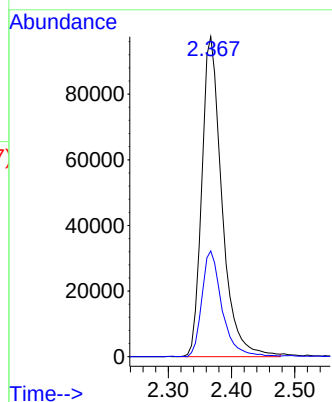
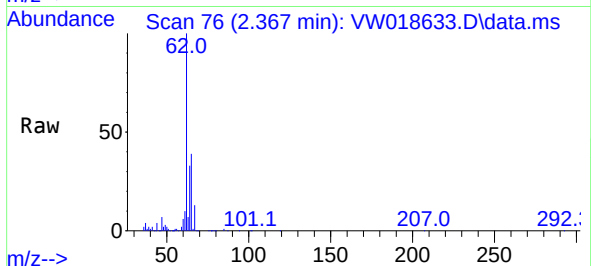




#5
Vinyl chloride
Concen: 23.35 ug/L
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

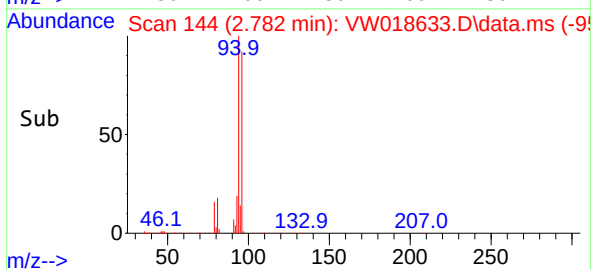
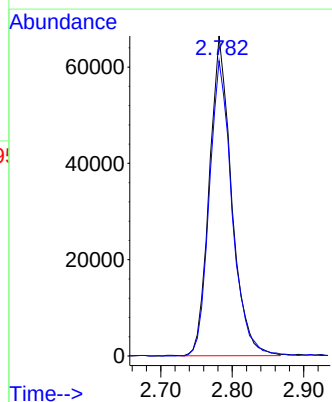
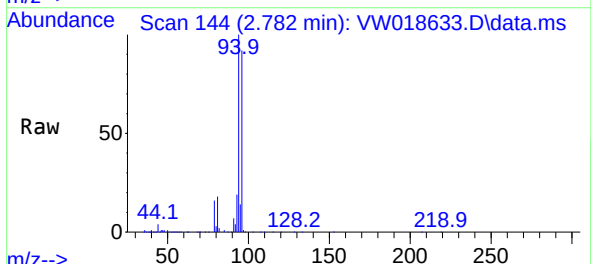
Instrument :
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VSTD025115

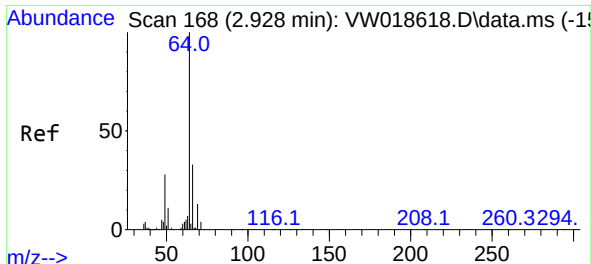
Tgt Ion: 62 Resp: 216268
Ion Ratio Lower Upper
62 100
64 33.0 24.2 45.0



#6
Bromomethane
Concen: 21.80 ug/L
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 94 Resp: 143111
Ion Ratio Lower Upper
94 100
96 92.3 65.3 121.3

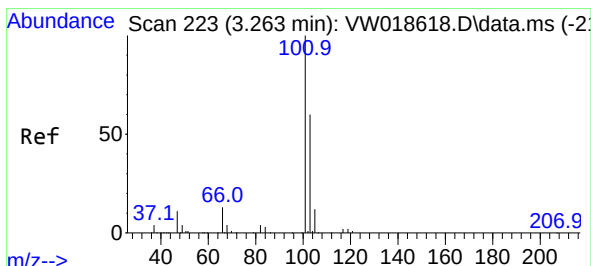
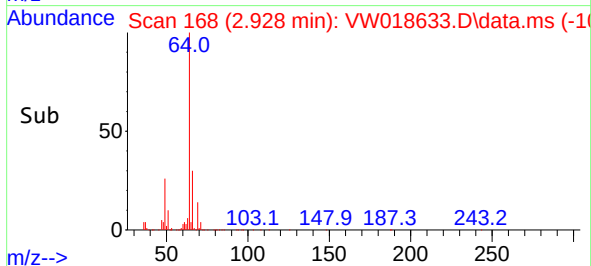
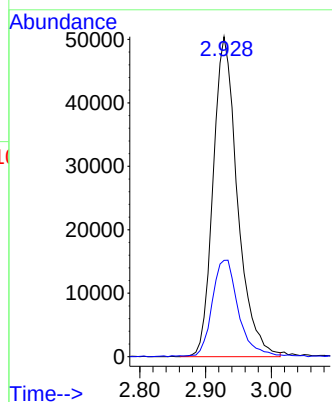
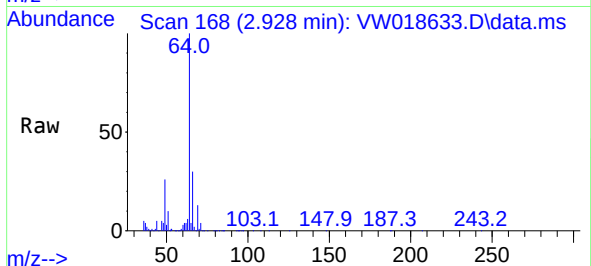




#8
Chloroethane
Concen: 24.06 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

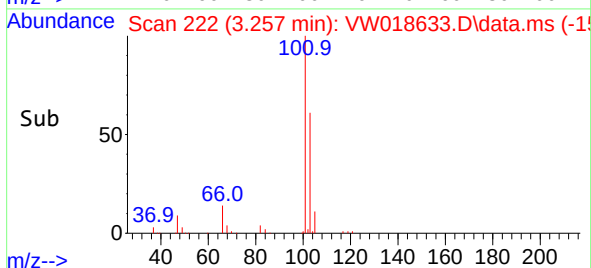
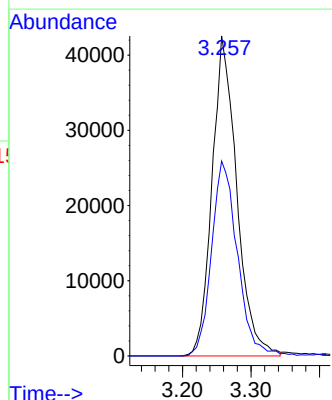
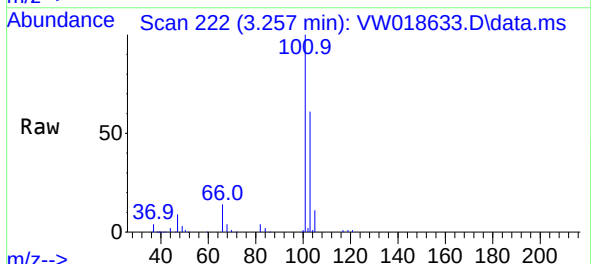
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

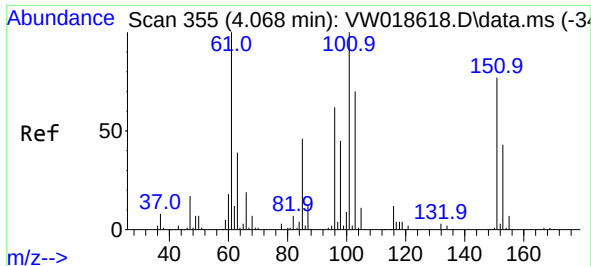
Tgt Ion: 64 Resp: 130104
Ion Ratio Lower Upper
64 100
66 30.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.88 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:101 Resp: 106379
Ion Ratio Lower Upper
101 100
103 63.0 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.56 ug/L

RT: 4.068 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW018633.D

Acq: 12 Apr 2021 19:22

Tgt Ion:101 Resp: 156225

Ion Ratio Lower Upper

101 100

85 45.1 38.2 57.2

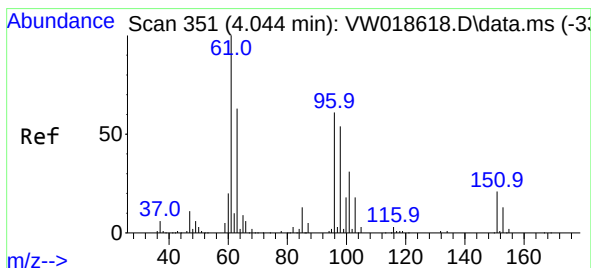
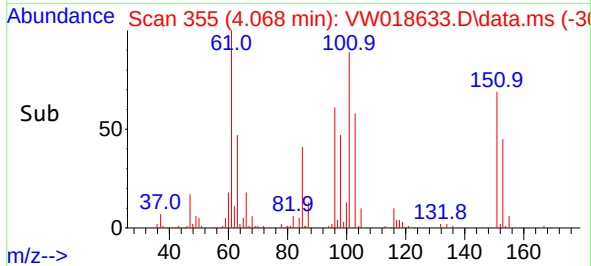
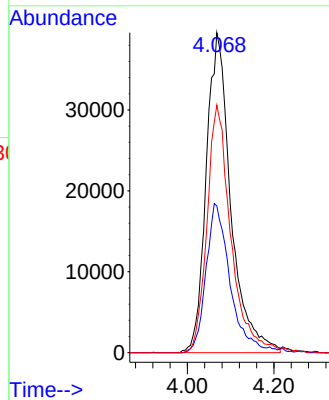
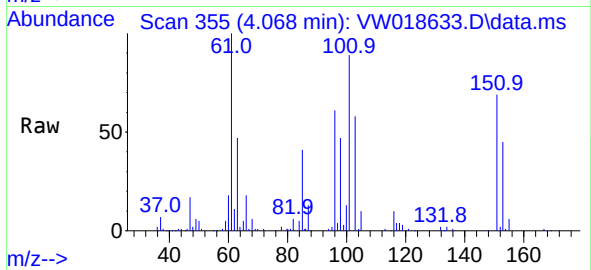
151 74.9 56.6 85.0

Instrument :

MSVOA_W

ClientSampleId :

VSTD025115



#12

1,1-Dichloroethene

Concen: 24.84 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.000 min

Lab File: VW018633.D

Acq: 12 Apr 2021 19:22

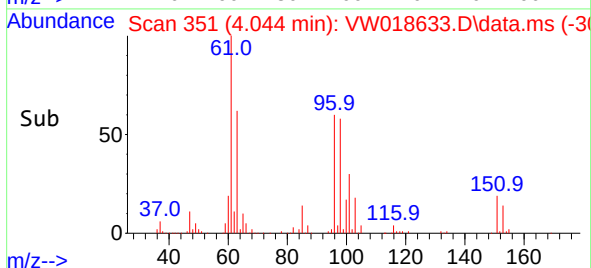
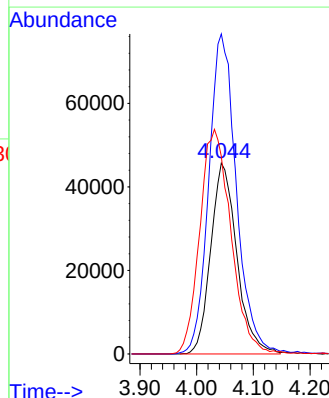
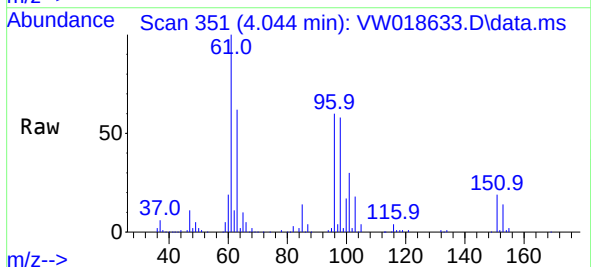
Tgt Ion: 96 Resp: 146071

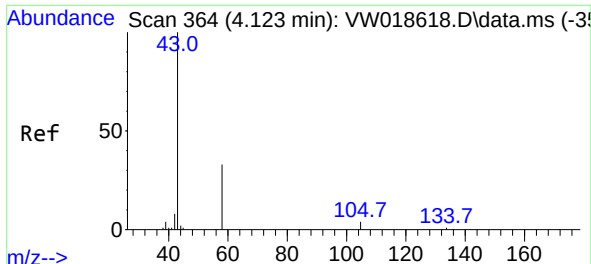
Ion Ratio Lower Upper

96 100

61 167.6 118.1 219.3

63 103.5 83.7 155.5

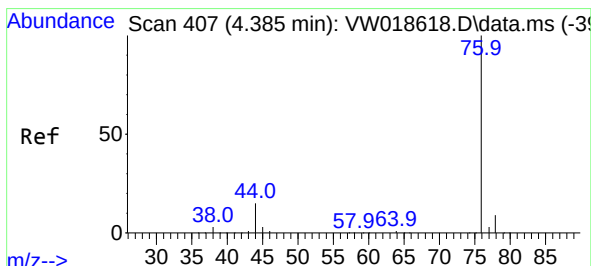
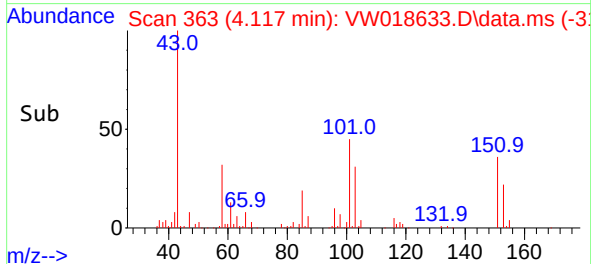
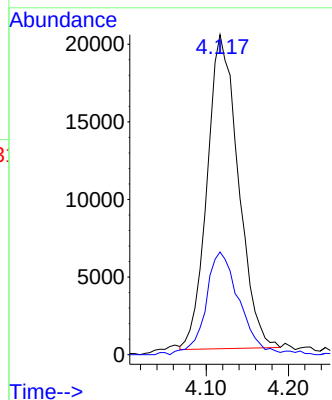
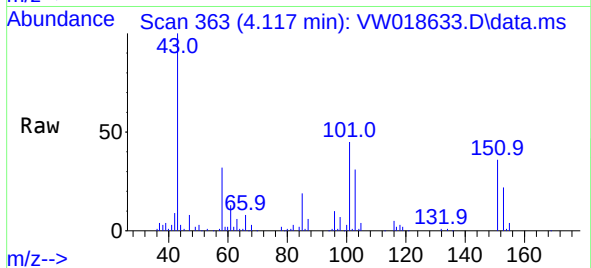




#13
Acetone
Concen: 51.58 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

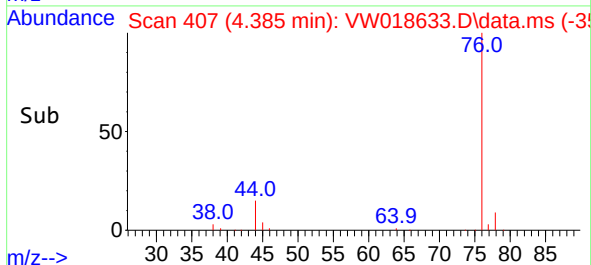
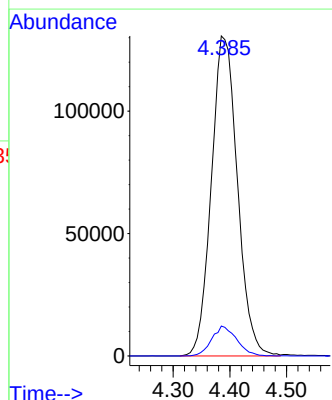
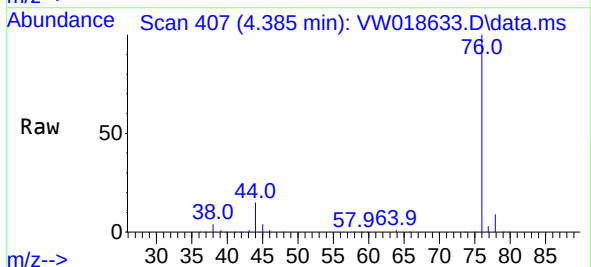
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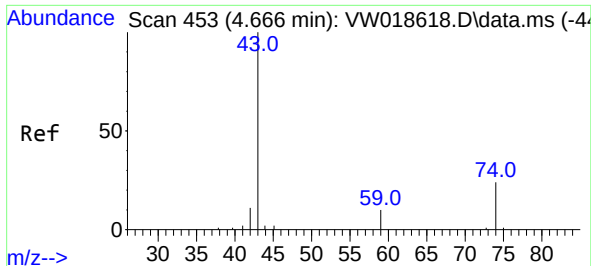
Tgt Ion: 43 Resp: 53404
Ion Ratio Lower Upper
43 100
58 34.8 0.0 53.8



#14
Carbon disulfide
Concen: 23.56 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 417052
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

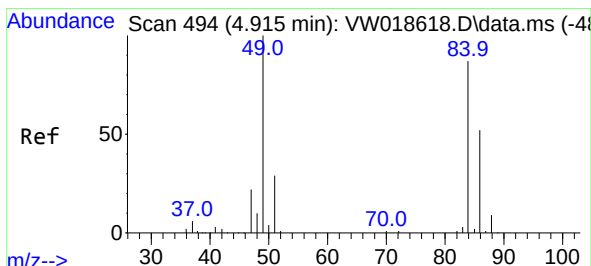
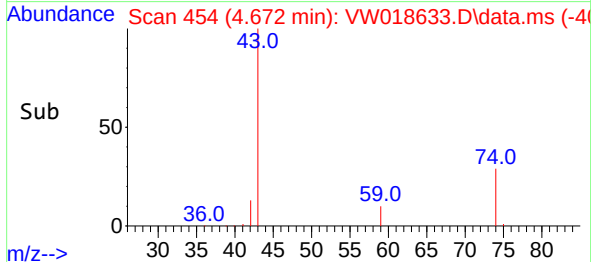
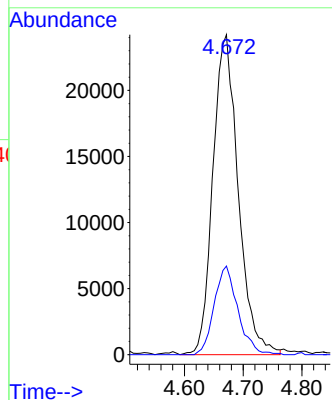
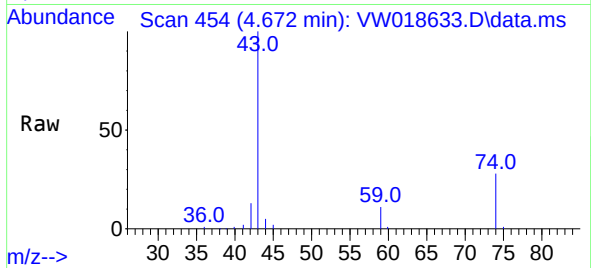




#15
Methyl Acetate
Concen: 27.83 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

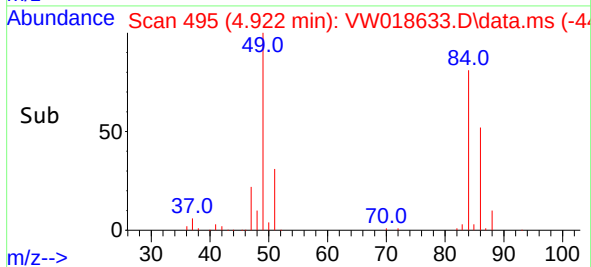
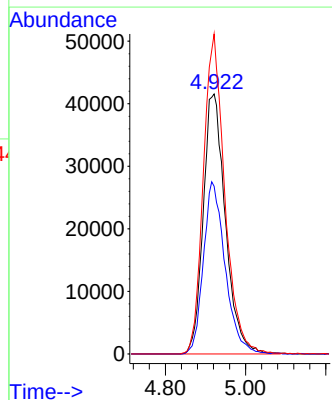
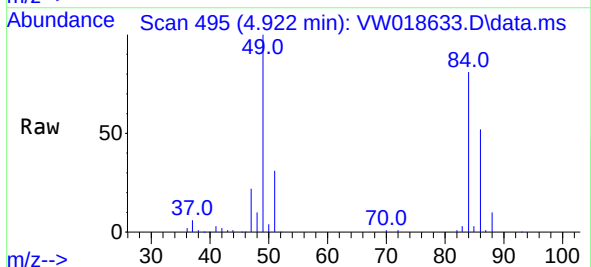
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

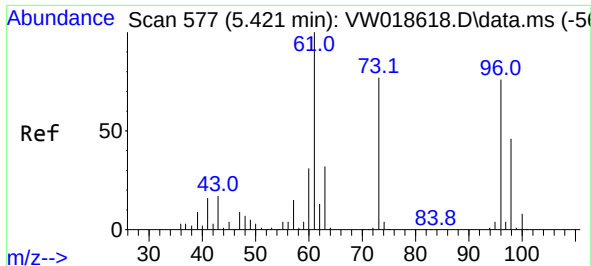
Tgt Ion: 43 Resp: 72568
Ion Ratio Lower Upper
43 100
74 25.6 20.0 30.0



#16
Methylene chloride
Concen: 24.34 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 84 Resp: 159614
Ion Ratio Lower Upper
84 100
86 64.5 45.3 84.1
49 123.1 86.6 160.8

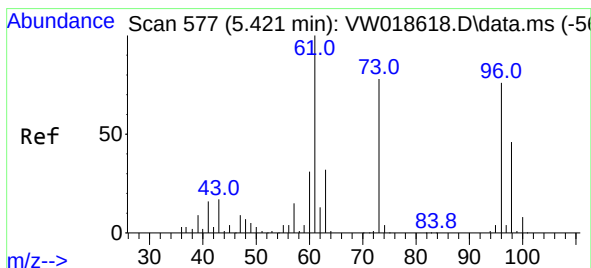
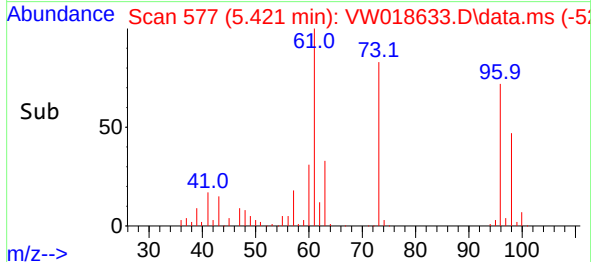
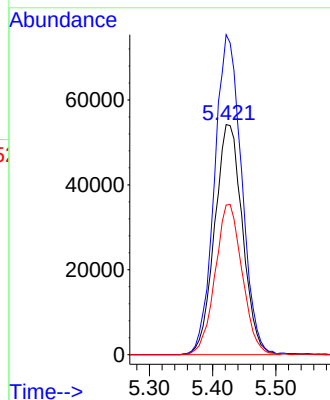
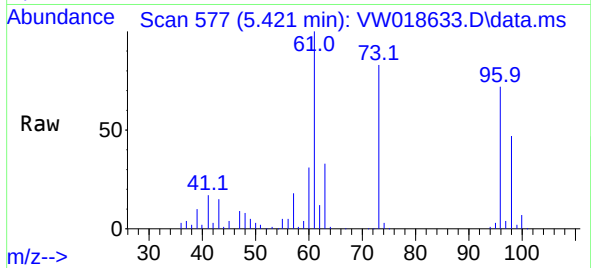




#17
trans-1,2-Dichloroethene
Concen: 25.87 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

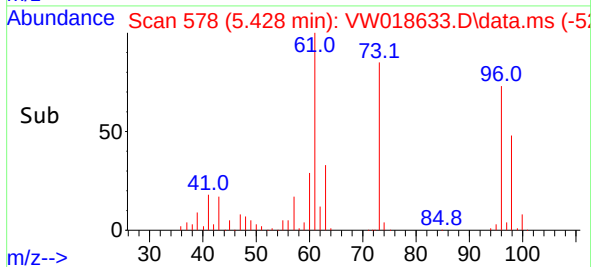
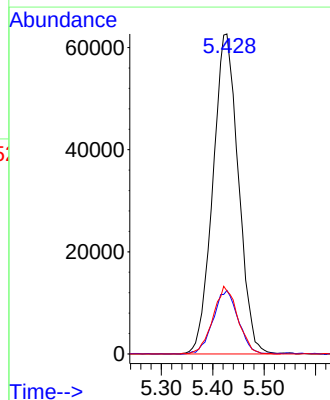
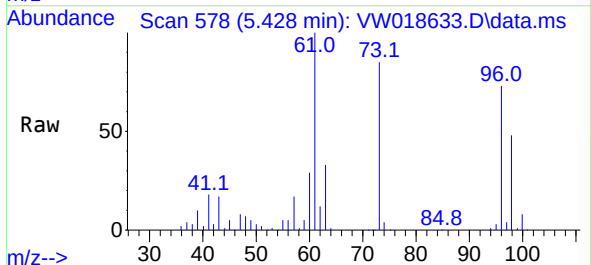
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

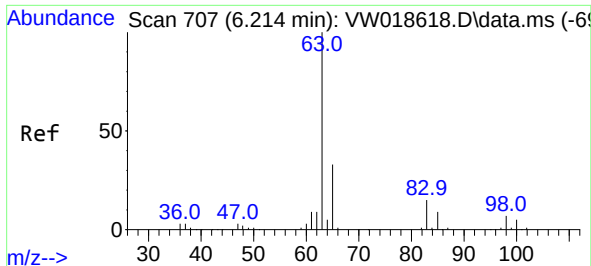
Tgt Ion: 96 Resp: 164907
Ion Ratio Lower Upper
96 100
61 139.1 98.3 182.7
98 65.0 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 26.63 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 73 Resp: 215856
Ion Ratio Lower Upper
73 100
43 19.5 17.7 26.5
57 20.5 17.0 25.4

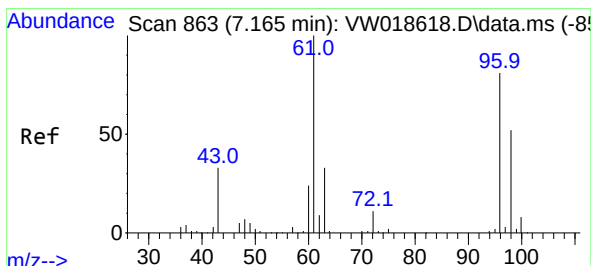
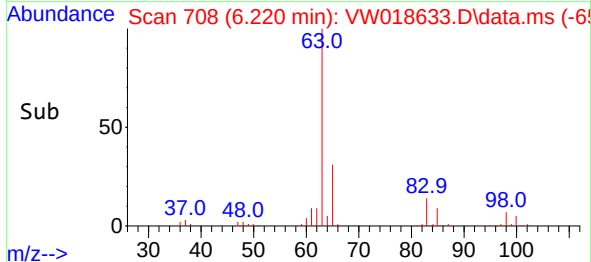
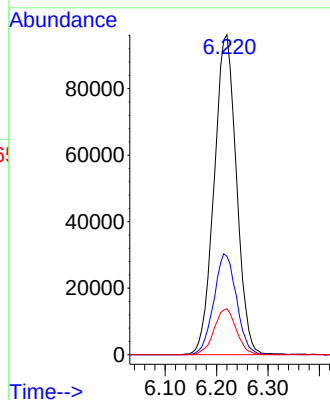
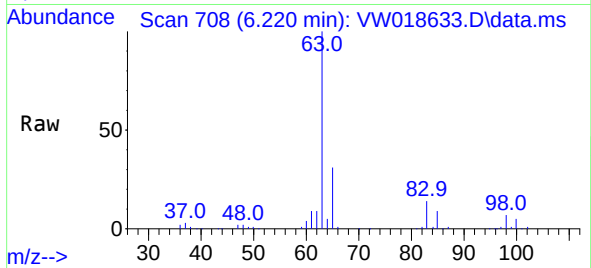




#19
1,1-Dichloroethane
Concen: 26.59 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

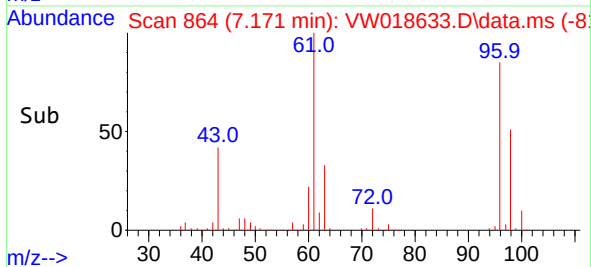
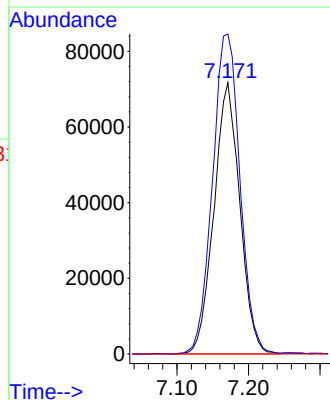
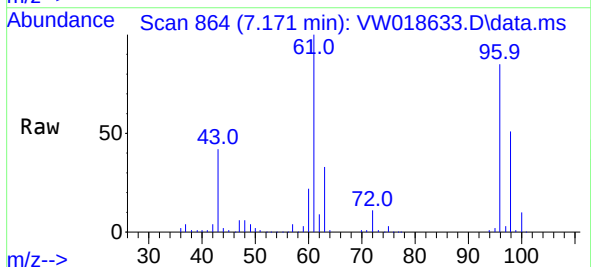
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

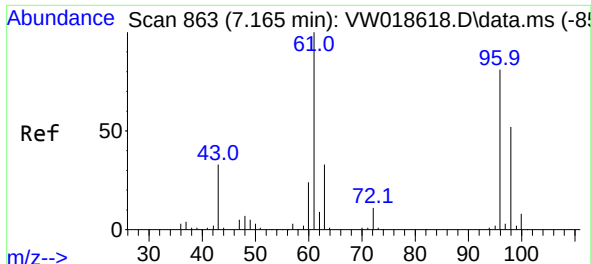
Tgt Ion: 63 Resp: 289969
Ion Ratio Lower Upper
63 100
65 30.8 22.9 42.5
83 14.3 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 26.91 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 96 Resp: 180157
Ion Ratio Lower Upper
96 100
61 117.9 88.5 164.3
68 0.0 0.0 0.0

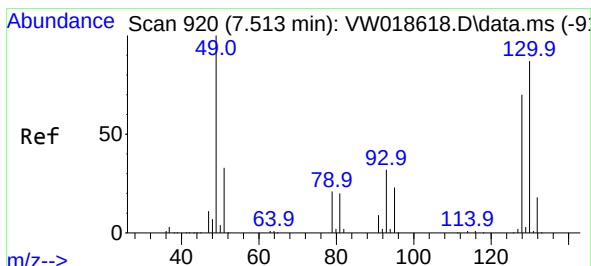
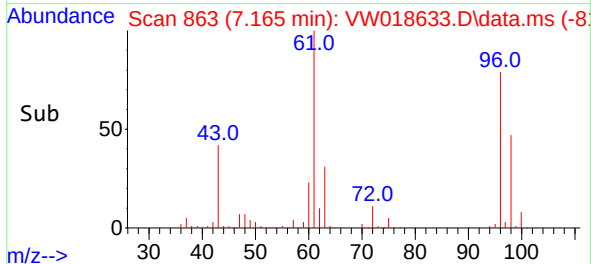
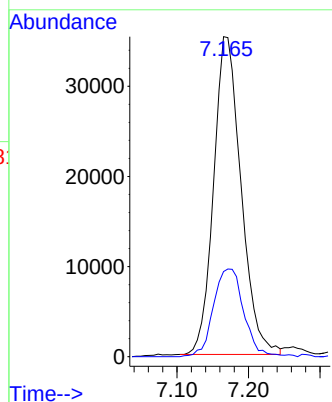
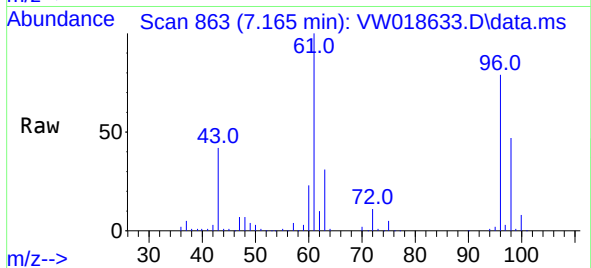




#22
2-Butanone
Concen: 56.46 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

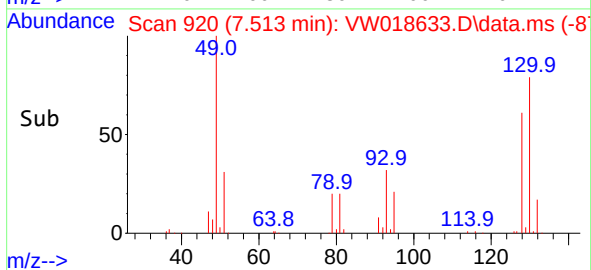
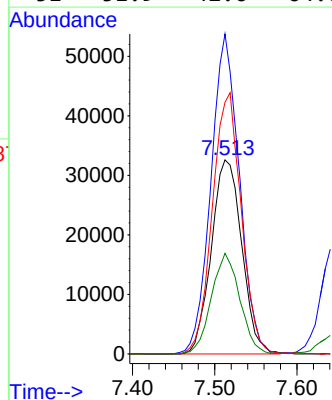
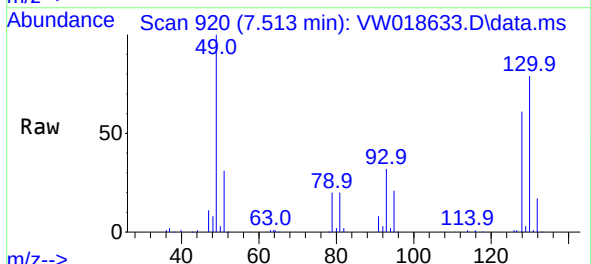
Instrument :
MSVOA_W
ClientSampled :
VSTD025115

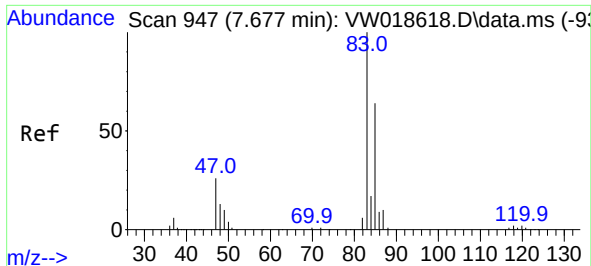
Tgt Ion: 43 Resp: 93991
Ion Ratio Lower Upper
43 100
72 30.4 14.9 44.7



#23
Bromochloromethane
Concen: 26.87 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 128 Resp: 83803
Ion Ratio Lower Upper
128 100
49 164.8 116.3 215.9
130 129.7 82.4 153.0
51 51.9 42.6 64.0

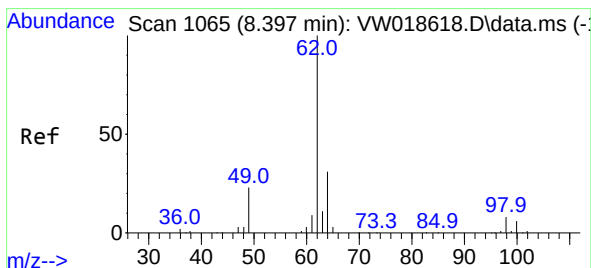
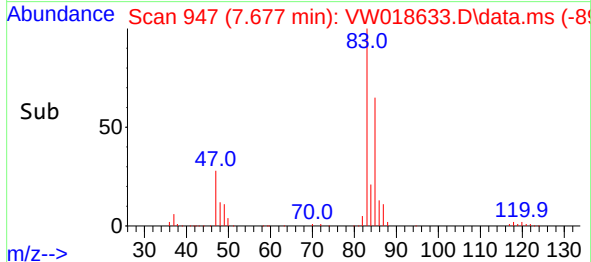
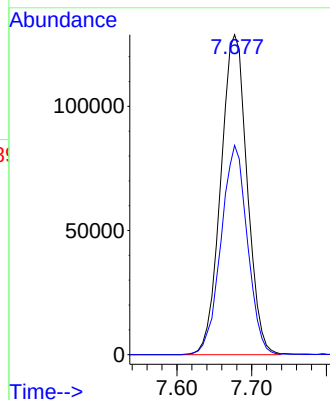
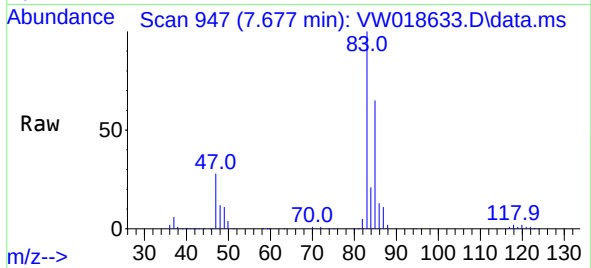




#25
Chloroform
Concen: 26.70 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

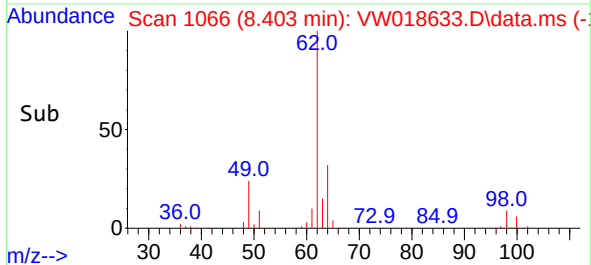
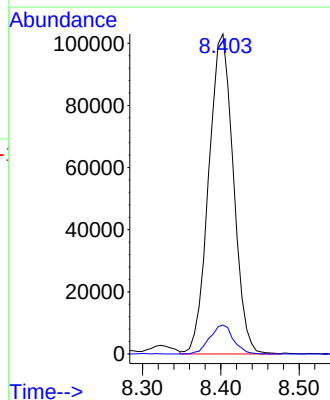
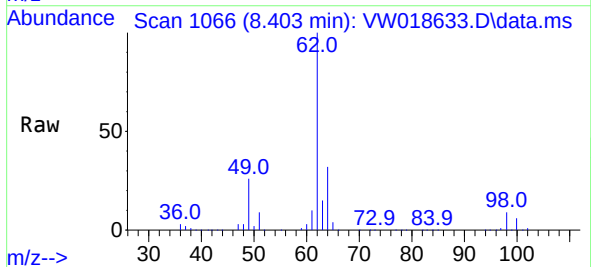
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

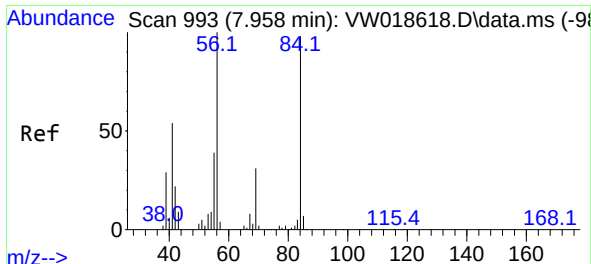
Tgt Ion: 83 Resp: 316045
Ion Ratio Lower Upper
83 100
85 65.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 26.60 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

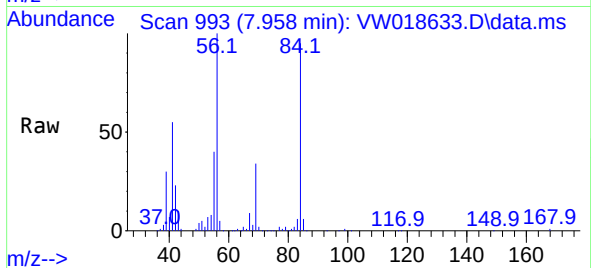
Tgt Ion: 62 Resp: 225030
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3





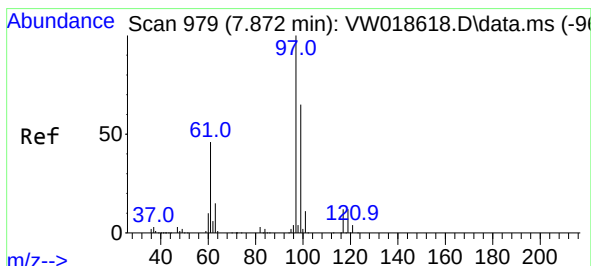
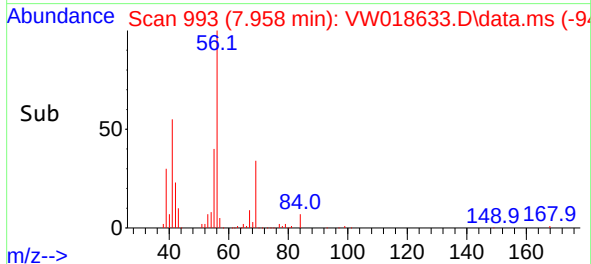
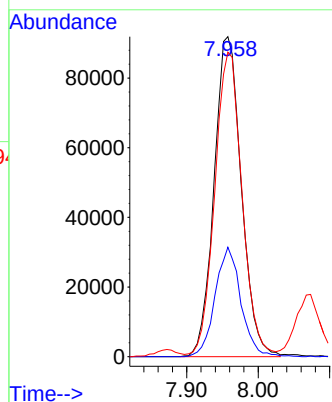
#29
Cyclohexane
Concen: 25.40 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025115



Tgt Ion: 56 Resp: 243275

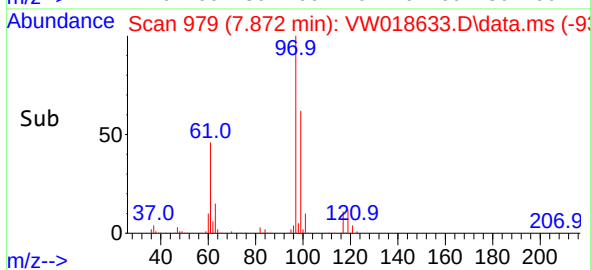
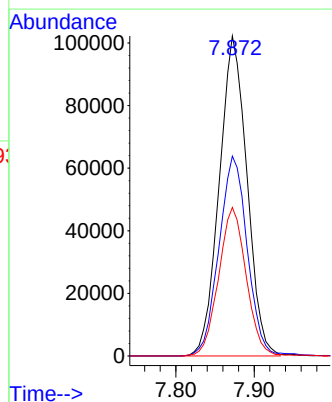
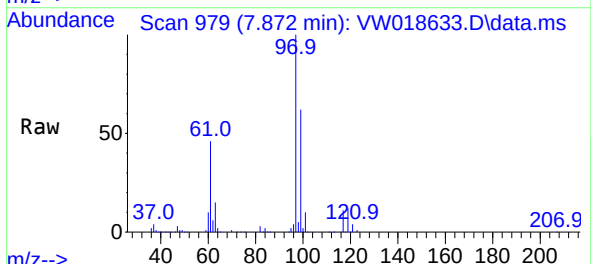
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.5	36.7
84	95.1	75.0	112.4

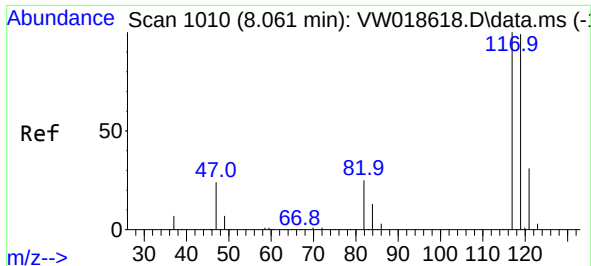


#30
1,1,1-Trichloroethane
Concen: 26.90 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 97 Resp: 251146

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.2
61	46.1	37.8	56.6

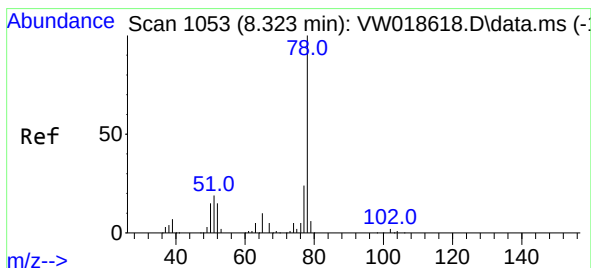
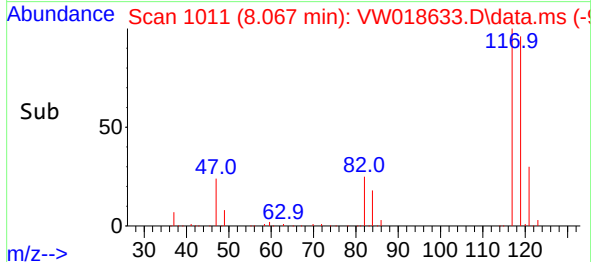
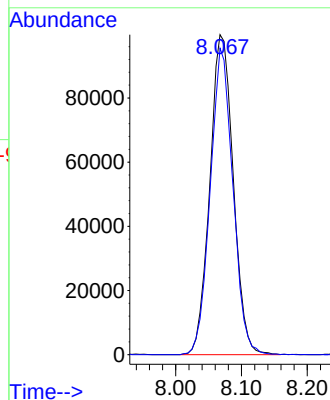
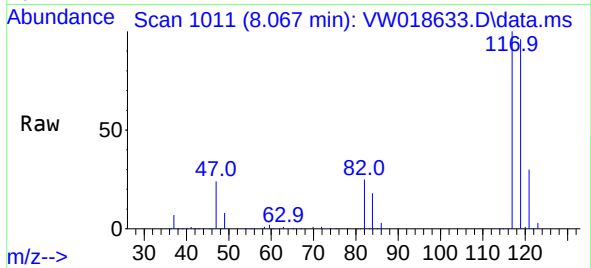




#31
Carbon tetrachloride
Concen: 27.87 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

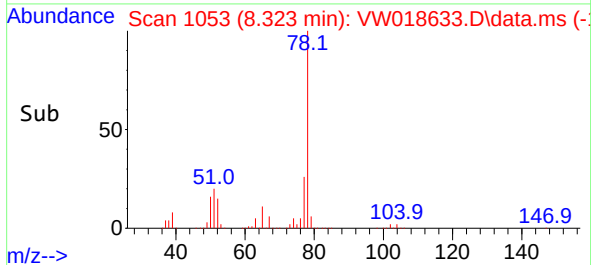
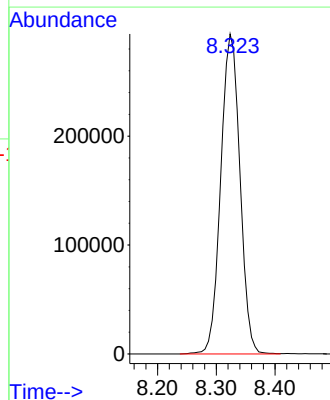
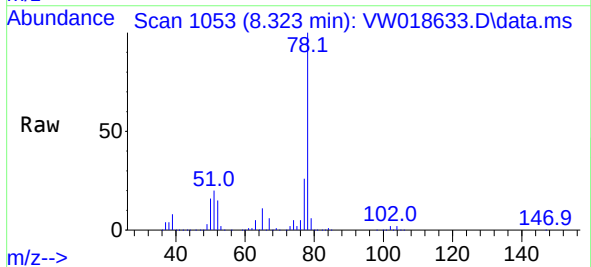
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

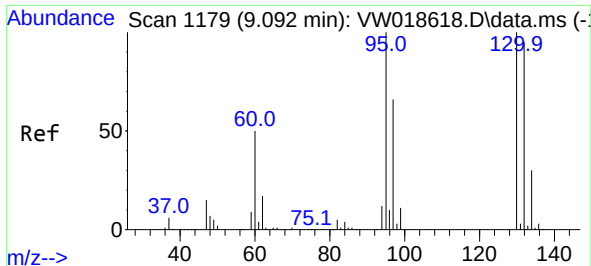
Tgt Ion:117 Resp: 247265
Ion Ratio Lower Upper
117 100
119 92.7 76.5 114.7



#33
Benzene
Concen: 26.99 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 78 Resp: 667069

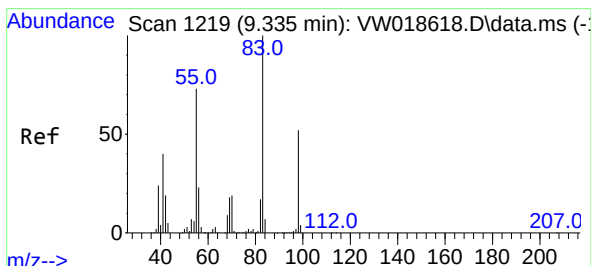
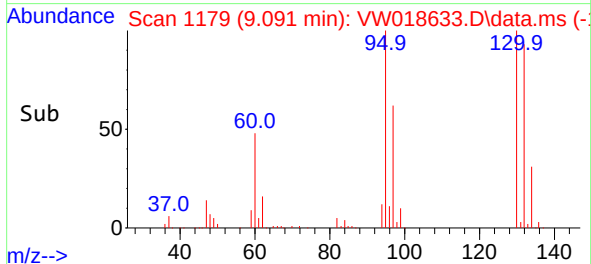
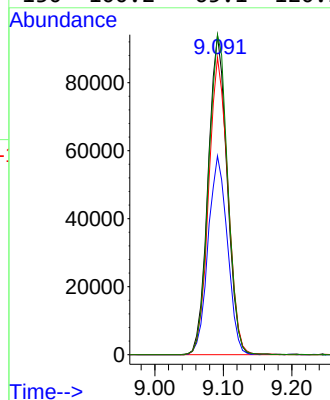
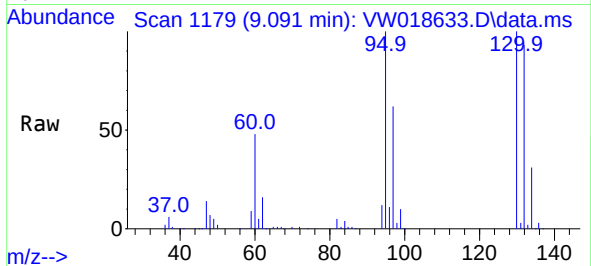




#34
Trichloroethene
Concen: 26.55 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

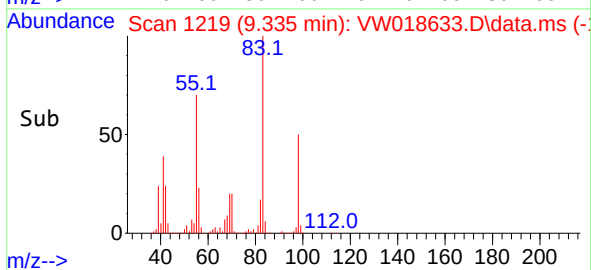
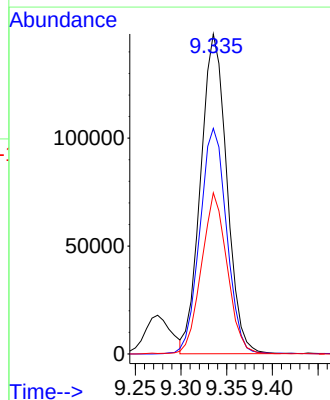
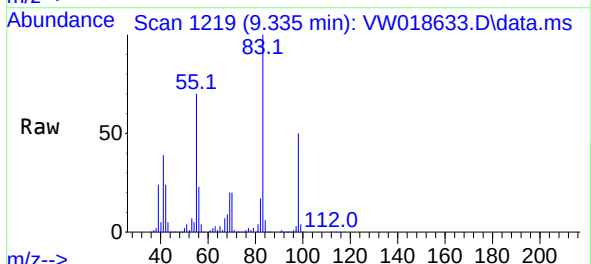
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

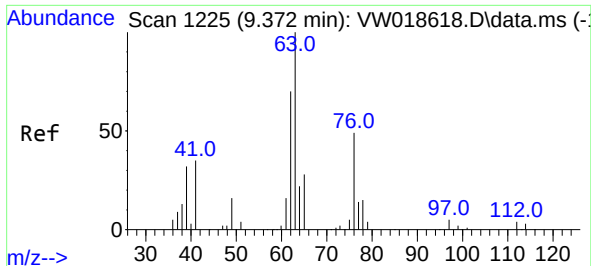
Tgt Ion: 95 Resp: 181306
Ion Ratio Lower Upper
95 100
97 62.2 47.3 87.8
132 93.1 71.0 131.8
130 100.2 65.1 120.9



#35
Methylcyclohexane
Concen: 25.57 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 83 Resp: 295577
Ion Ratio Lower Upper
83 100
55 72.3 58.9 88.3
98 49.7 40.1 60.1

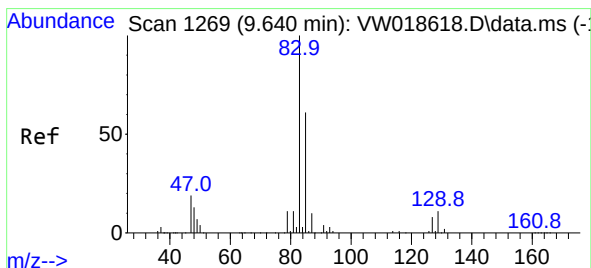
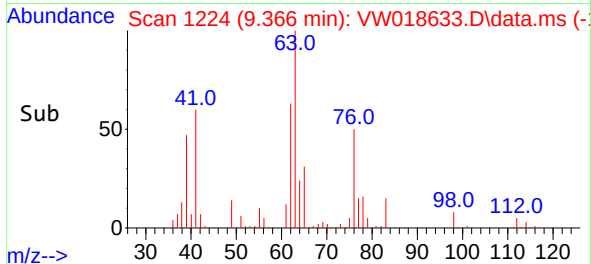
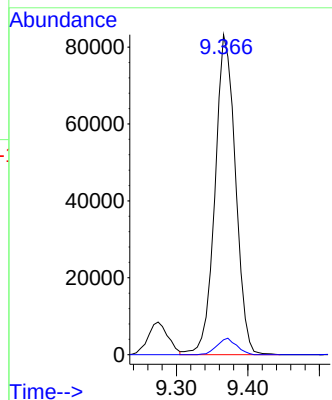
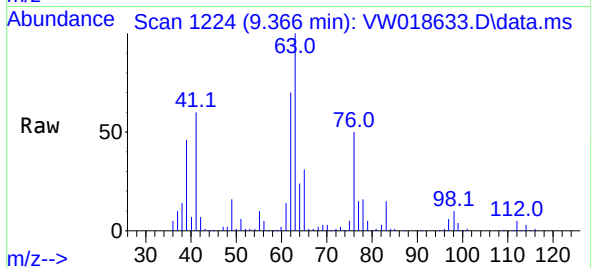




#37
1,2-Dichloropropane
Concen: 27.99 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

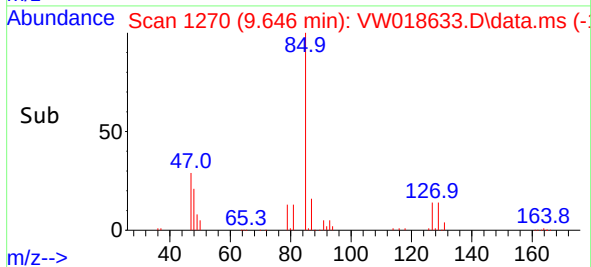
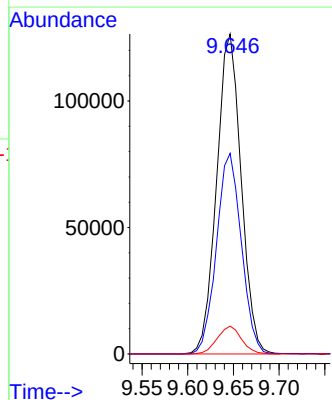
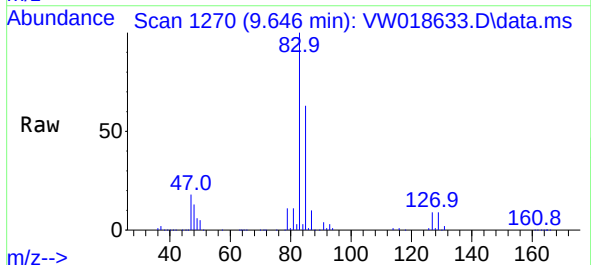
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

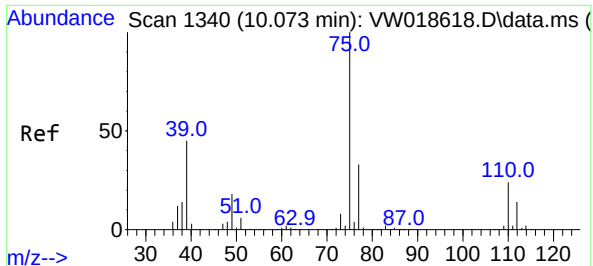
Tgt Ion: 63 Resp: 165346
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 27.84 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 83 Resp: 236254
Ion Ratio Lower Upper
83 100
85 62.7 42.3 78.5
127 8.7 6.6 9.8

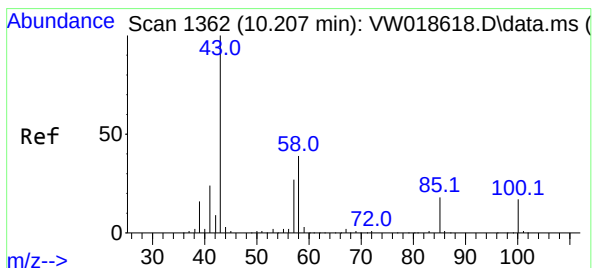
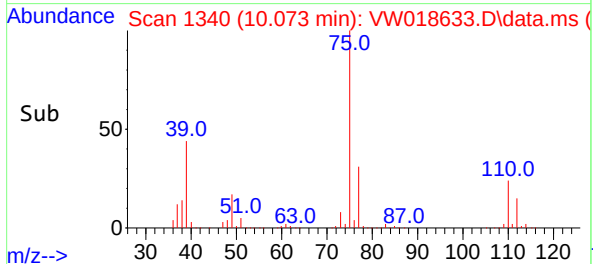
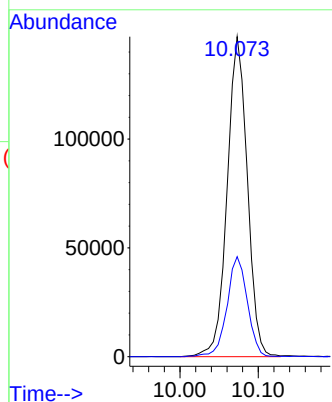
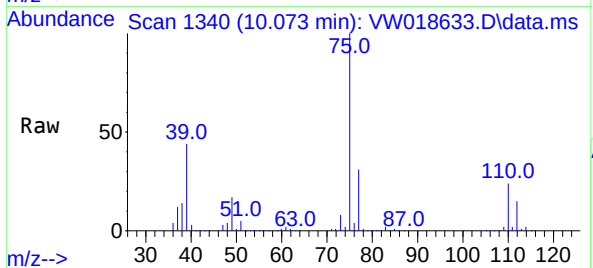




#39
cis-1,3-Dichloropropene
Concen: 27.09 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

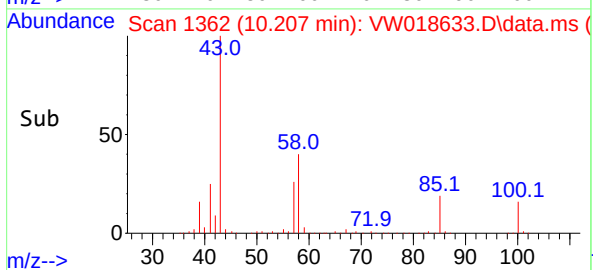
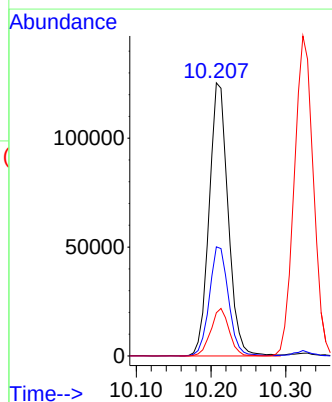
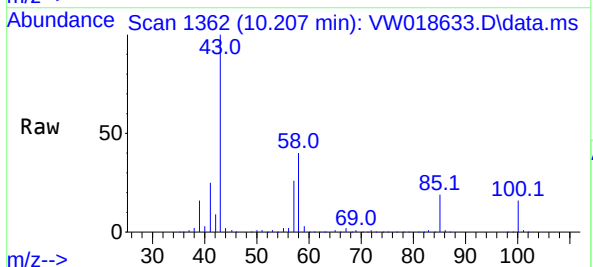
Instrument :
MSVOA_W
ClientSampled :
VSTD025115

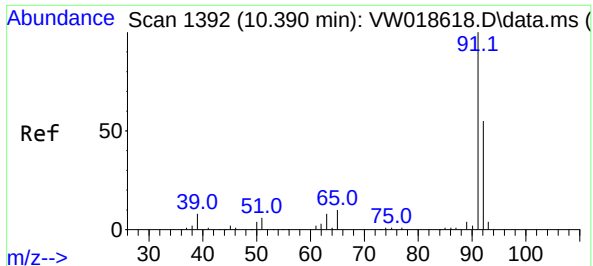
Tgt Ion: 75 Resp: 262910
Ion Ratio Lower Upper
75 100
77 31.3 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 57.31 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 43 Resp: 220874
Ion Ratio Lower Upper
43 100
58 40.5 31.0 46.4
100 16.9 13.0 19.6

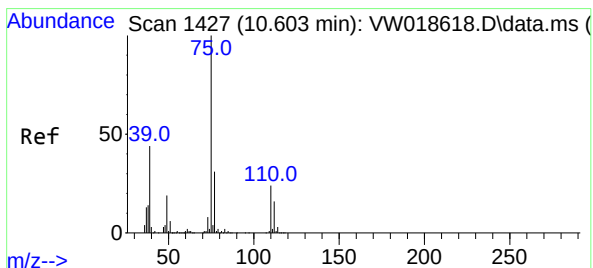
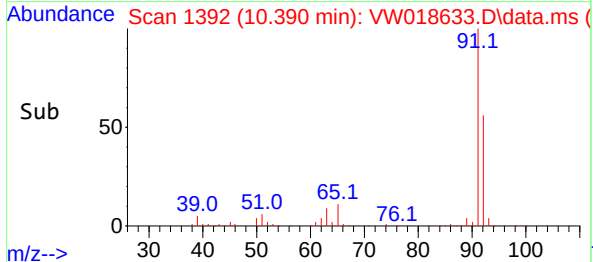
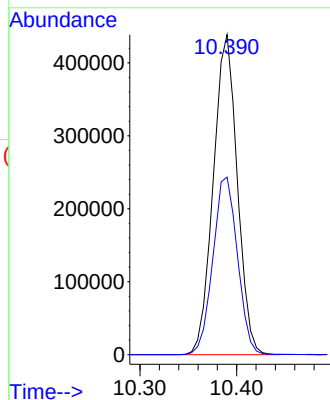
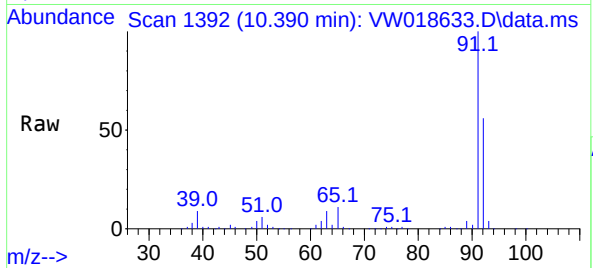




#42
Toluene
Concen: 26.89 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

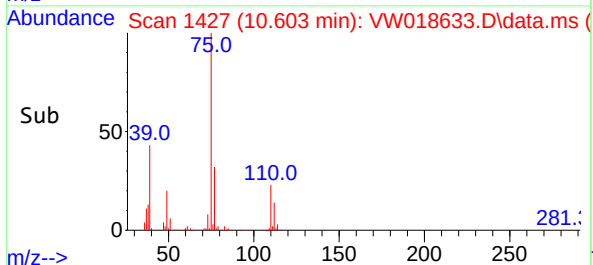
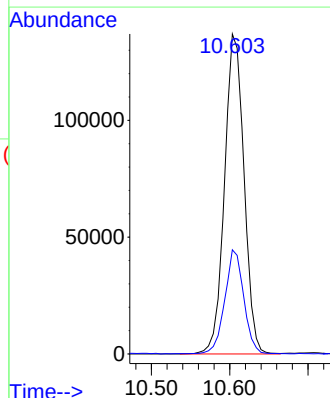
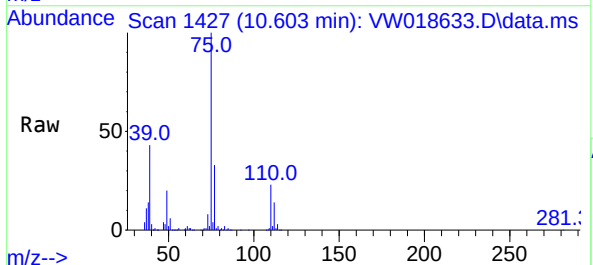
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

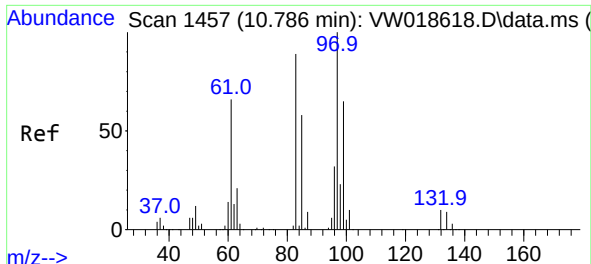
Tgt Ion: 91 Resp: 754466
Ion Ratio Lower Upper
91 100
92 55.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.32 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 75 Resp: 237440
Ion Ratio Lower Upper
75 100
77 32.5 21.1 39.1



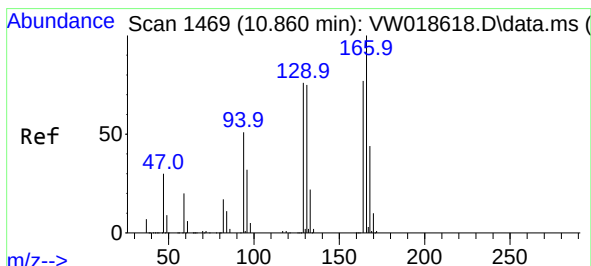
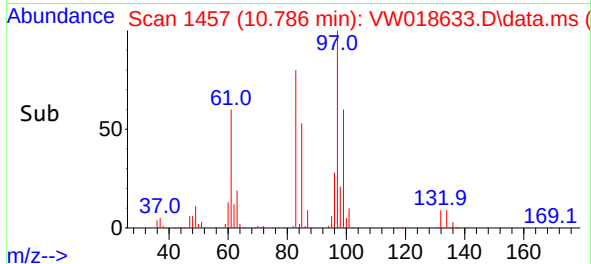
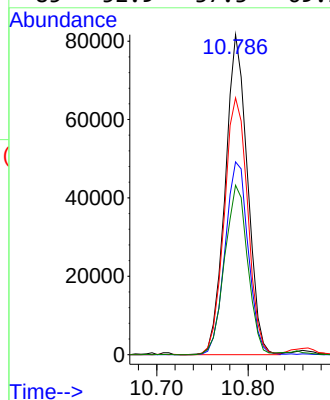
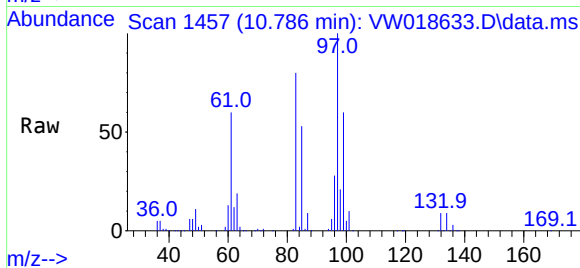


#45
1,1,2-Trichloroethane
Concen: 27.82 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

Tgt Ion: 97 Resp: 138195

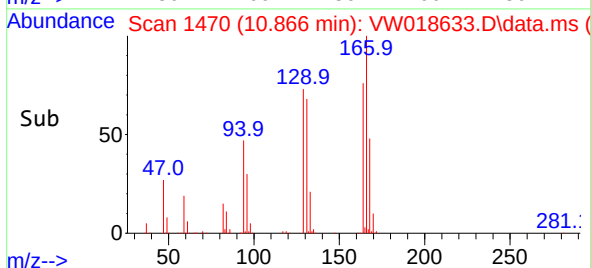
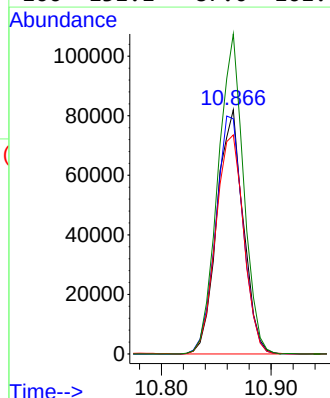
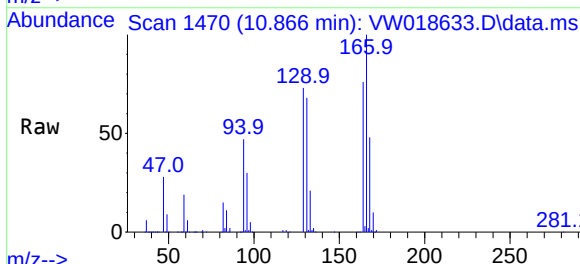
Ion	Ratio	Lower	Upper
97	100		
99	60.2	45.1	83.7
83	80.3	58.1	107.9
85	52.9	37.3	69.3

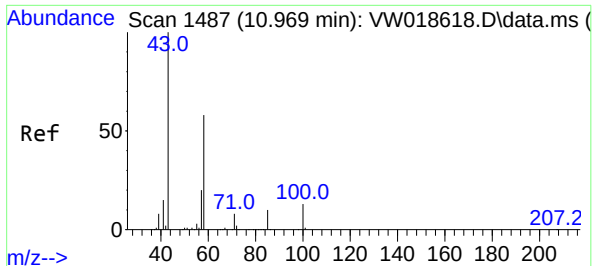


#46
Tetrachloroethene
Concen: 26.55 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:164 Resp: 136685

Ion	Ratio	Lower	Upper
164	100		
129	96.3	66.7	123.9
131	89.7	61.1	113.5
166	131.1	87.0	161.6



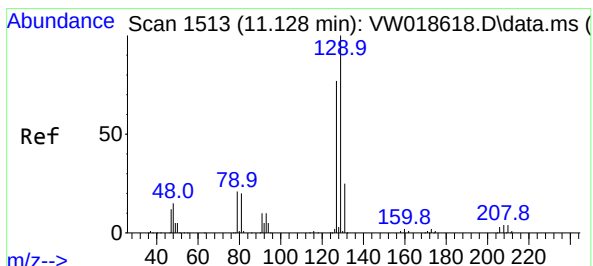
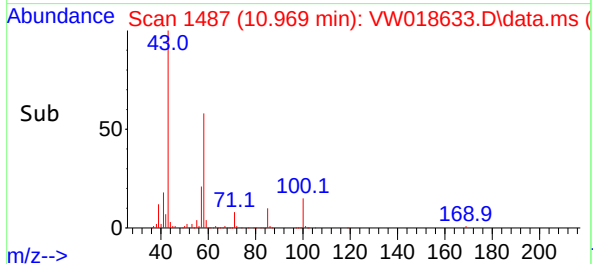
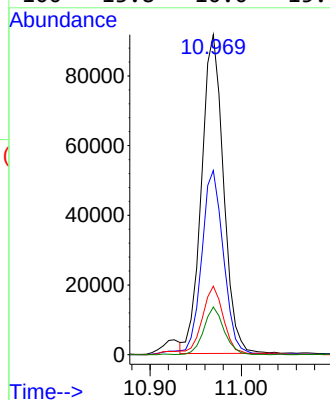
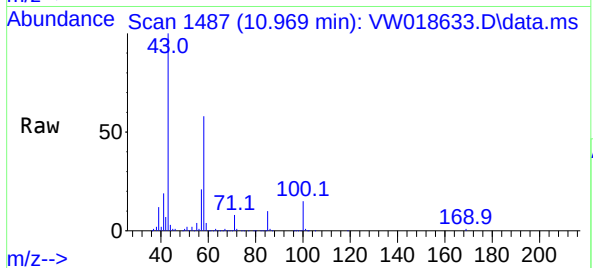


#48
2-Hexanone
Concen: 55.60 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

Tgt Ion: 43 Resp: 152656

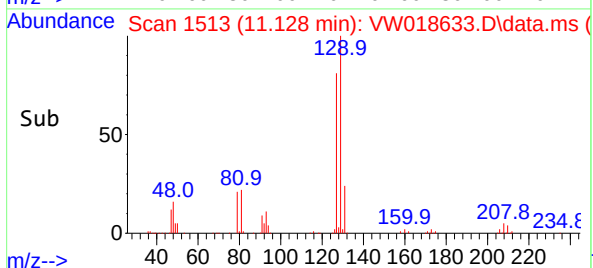
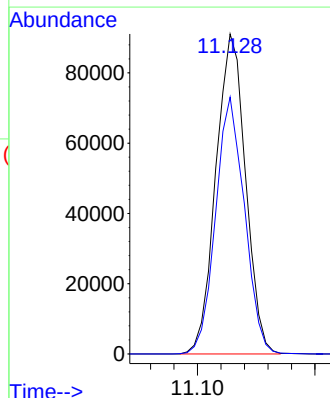
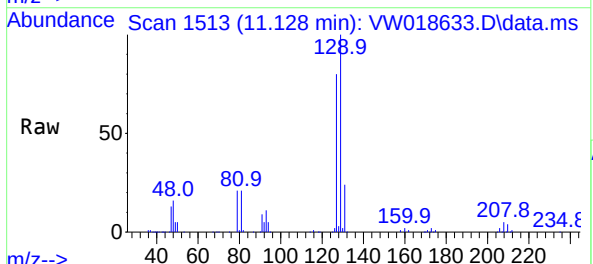
Ion	Ratio	Lower	Upper
43	100		
58	56.4	42.7	64.1
57	20.1	15.8	23.8
100	13.8	10.0	15.0

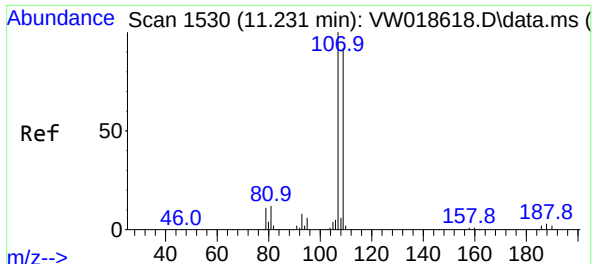


#49
Dibromochloromethane
Concen: 27.38 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 129 Resp: 159999

Ion	Ratio	Lower	Upper
129	100		
127	80.2	51.7	95.9

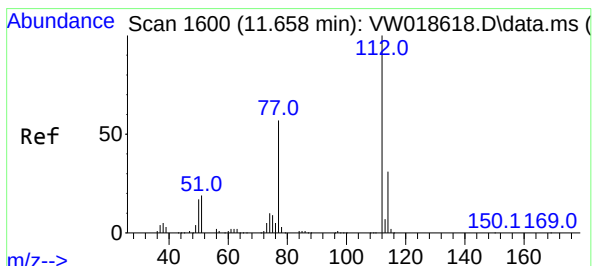
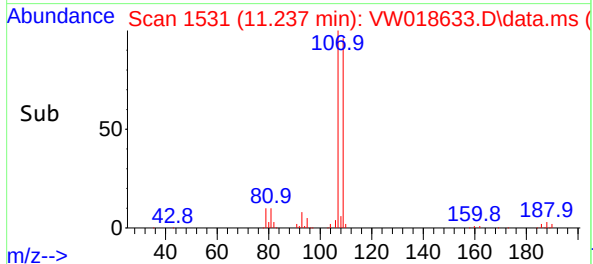
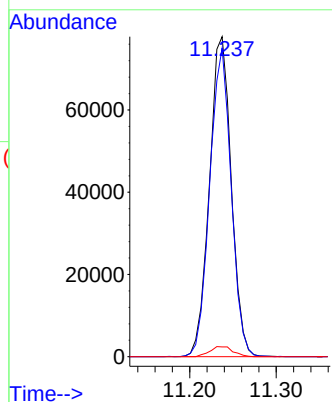
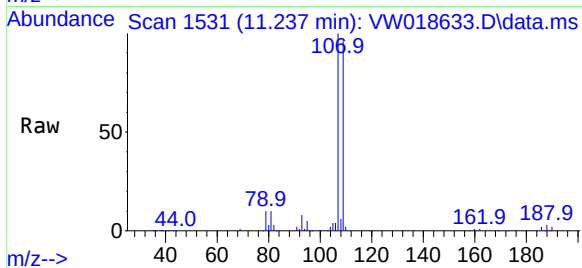




#50
1,2-Dibromoethane
Concen: 27.00 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

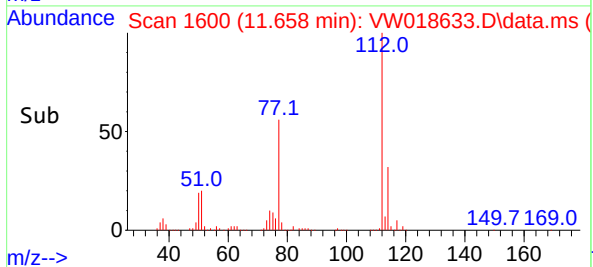
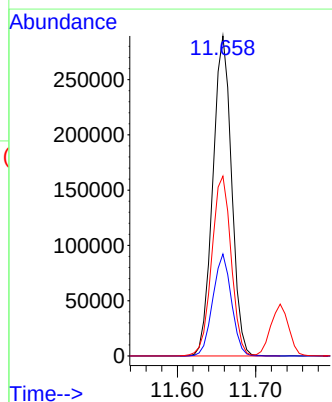
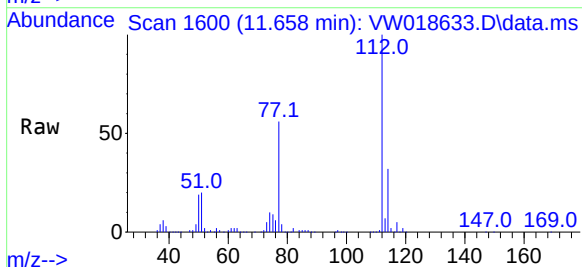
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

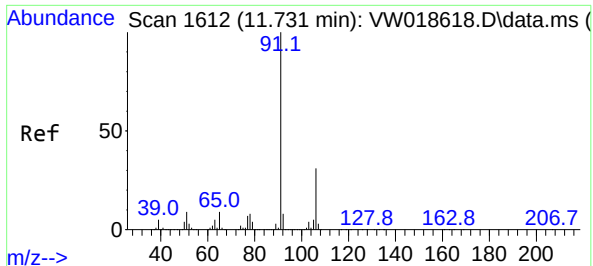
Tgt Ion:107 Resp: 136314
Ion Ratio Lower Upper
107 100
109 96.4 65.4 121.4
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 26.74 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:112 Resp: 481461
Ion Ratio Lower Upper
112 100
114 31.8 23.4 43.6
77 56.2 47.6 71.4

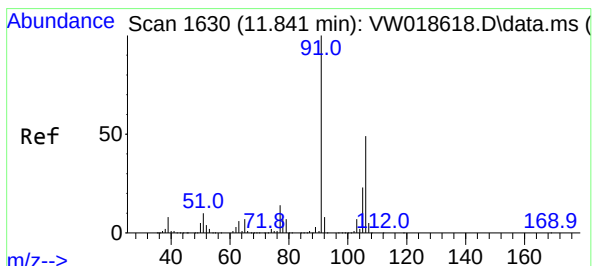
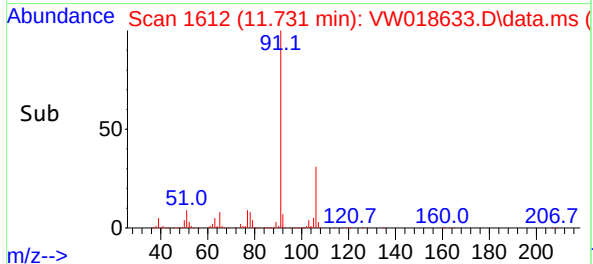
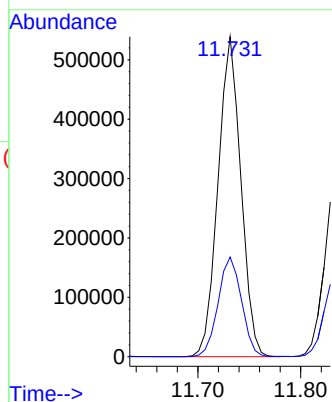
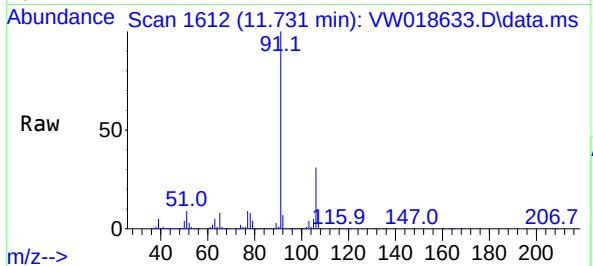




#52
Ethylbenzene
Concen: 26.17 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

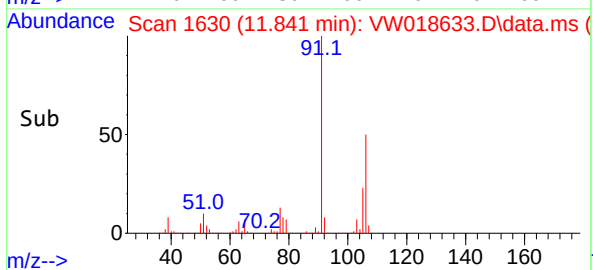
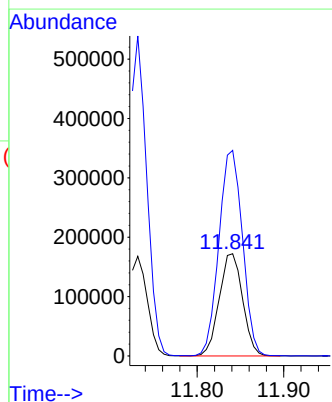
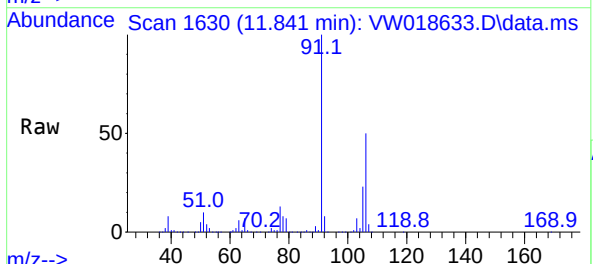
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

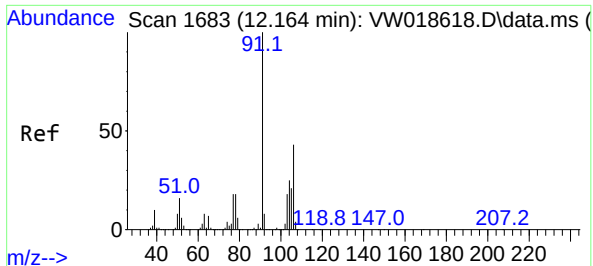
Tgt Ion: 91 Resp: 831148
Ion Ratio Lower Upper
91 100
106 31.2 22.5 41.7



#53
m,p-Xylene
Concen: 27.27 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:106 Resp: 322017
Ion Ratio Lower Upper
106 100
91 201.0 141.3 262.3

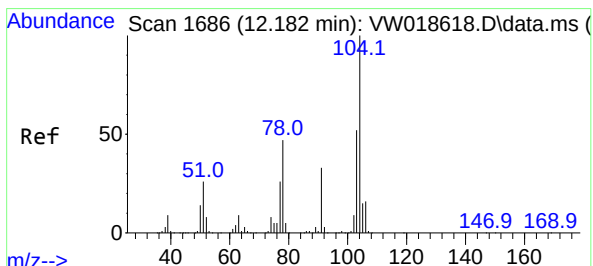
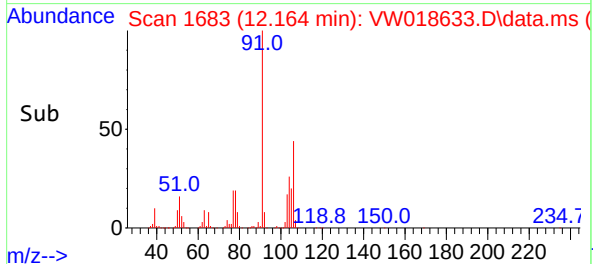
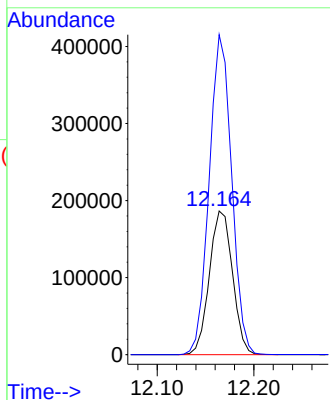
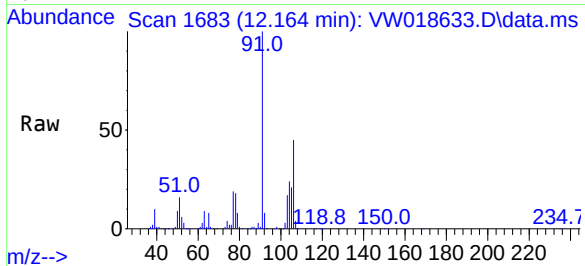




#54
o-Xylene
Concen: 27.07 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

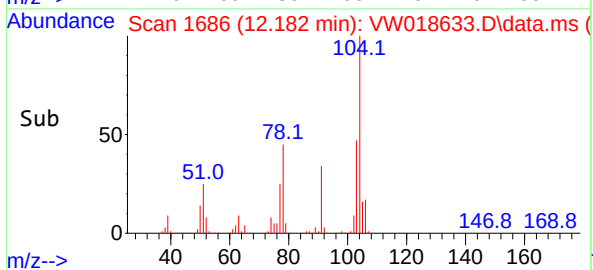
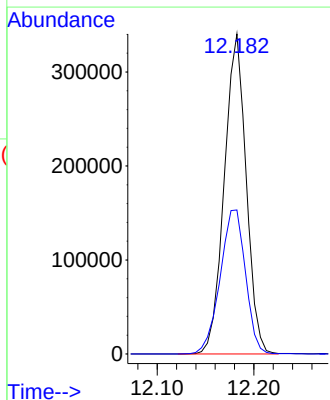
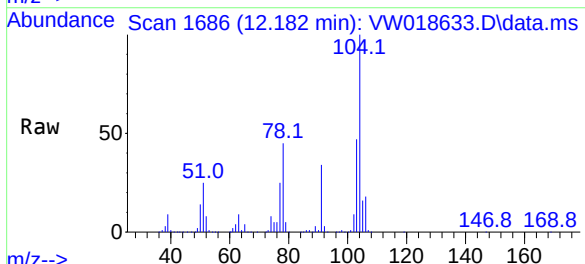
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

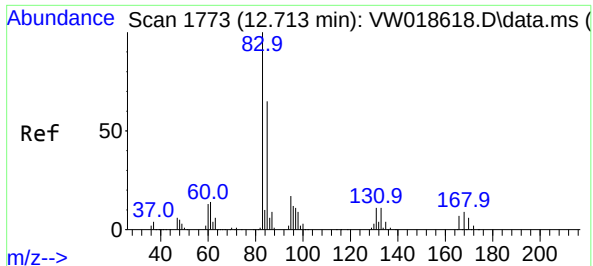
Tgt Ion:106 Resp: 310870
Ion Ratio Lower Upper
106 100
91 222.8 150.0 278.6



#55
Styrene
Concen: 27.14 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:104 Resp: 534669
Ion Ratio Lower Upper
104 100
78 45.0 32.5 60.3

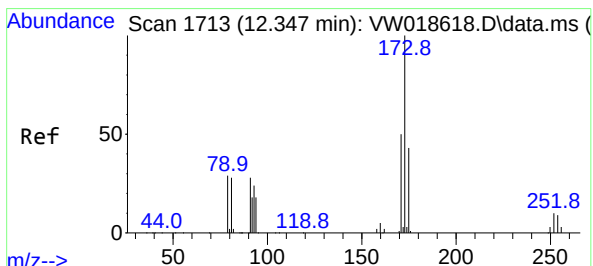
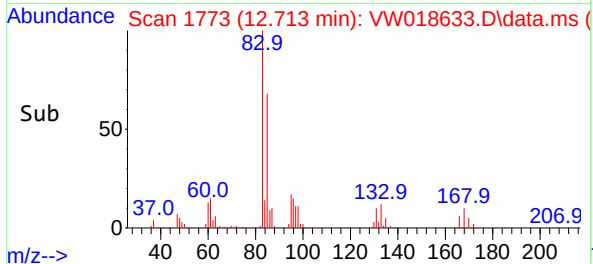
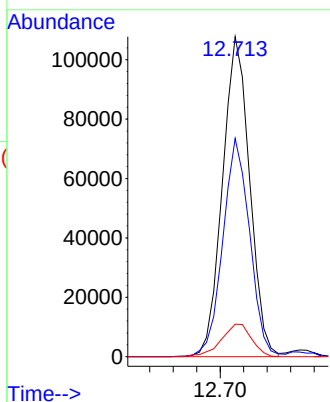
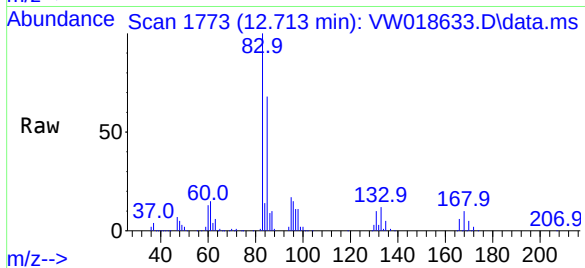




#57
1,1,2,2-Tetrachloroethane
Concen: 27.41 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

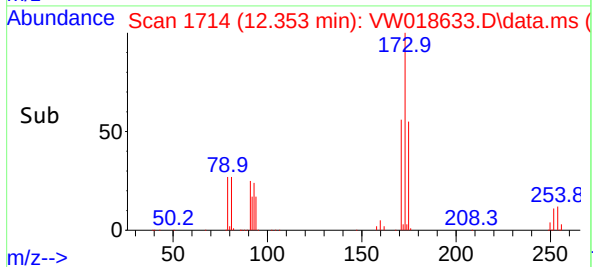
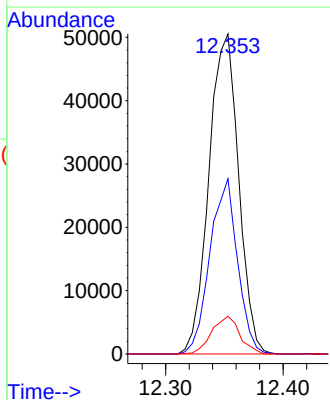
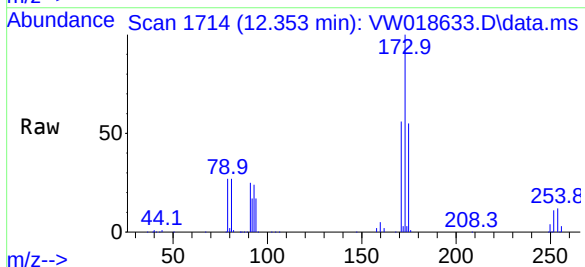
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

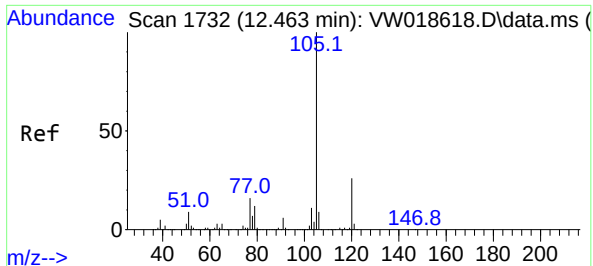
Tgt Ion:	83	Resp:	172897
Ion	Ratio	Lower	Upper
83	100		
85	68.2	44.4	82.4
131	10.1	8.2	12.4



#59
Bromoform
Concen: 25.15 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:	173	Resp:	88840
Ion	Ratio	Lower	Upper
173	100		
175	50.8	37.5	56.3
254	11.1	7.0	10.4

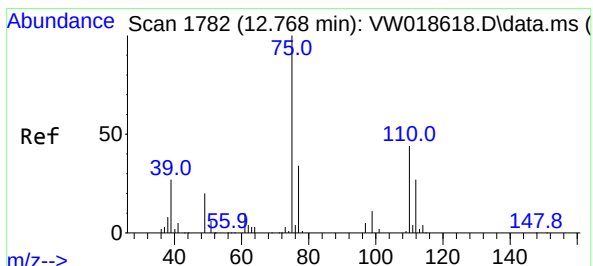
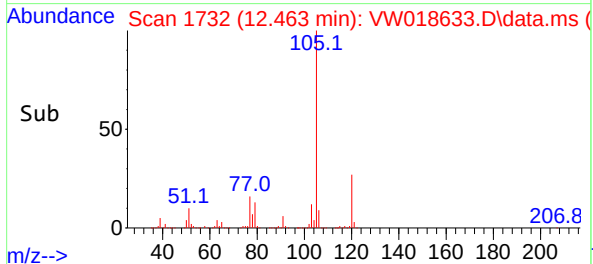
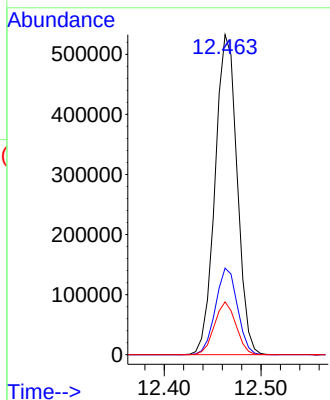
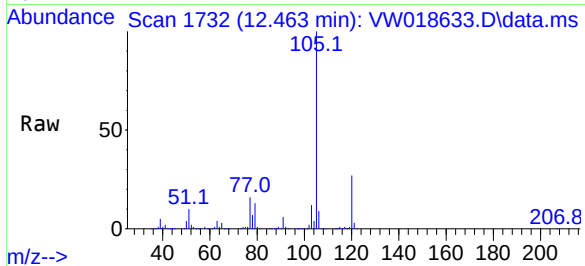




#60
Isopropylbenzene
Concen: 26.07 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

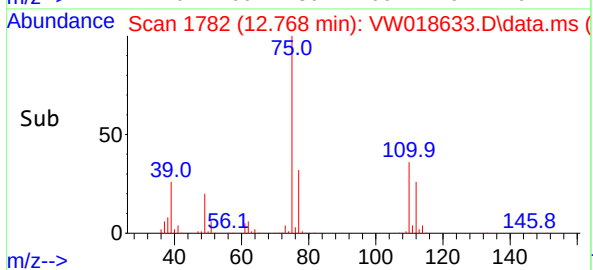
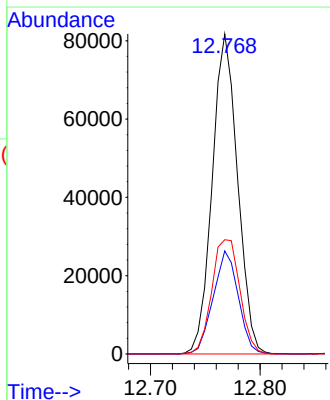
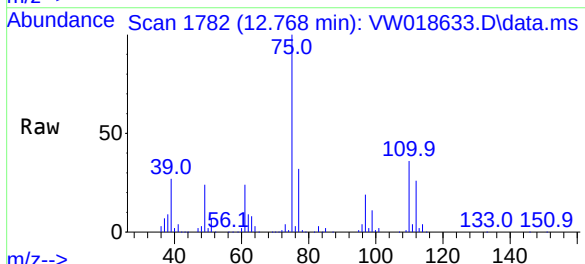
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

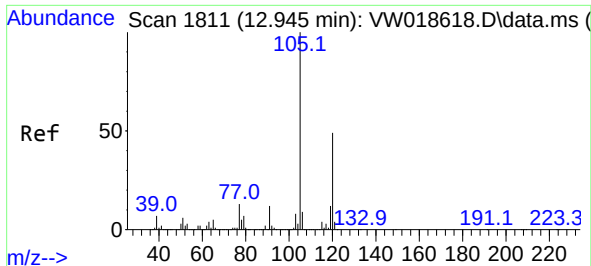
Tgt Ion:	105	Resp:	841788
Ion Ratio	Lower	Upper	
105	100		
120	26.9	21.1	31.7
77	16.1	13.2	19.8



#61
1,2,3-Trichloropropane
Concen: 26.93 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:	75	Resp:	131414
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.3	37.9
110	39.7	32.6	48.8

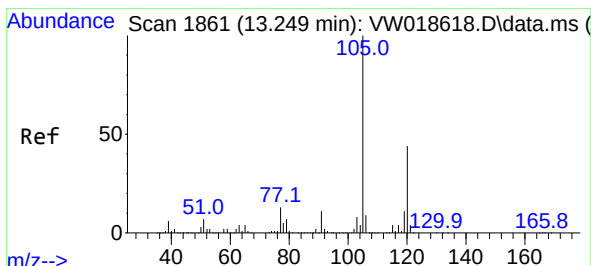
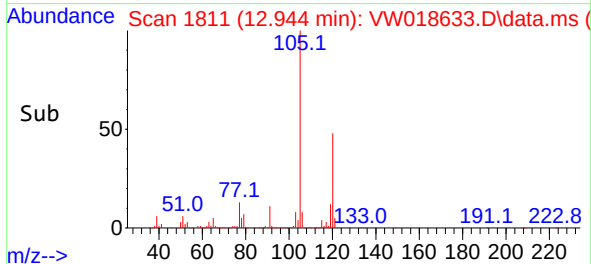
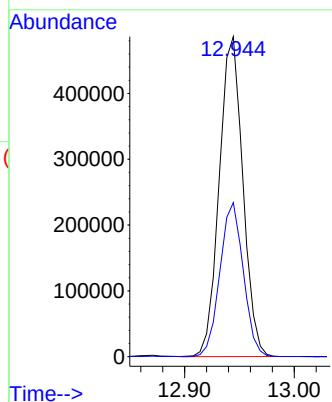
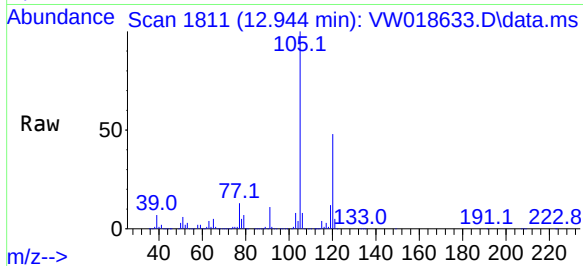




#62
1,3,5-Trimethylbenzene
Concen: 26.75 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

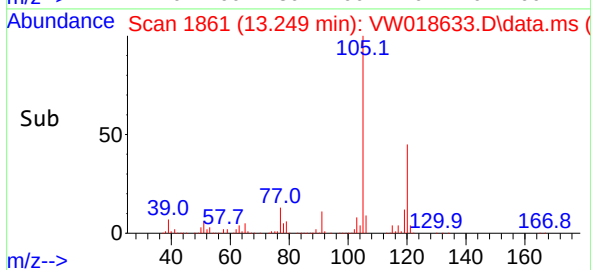
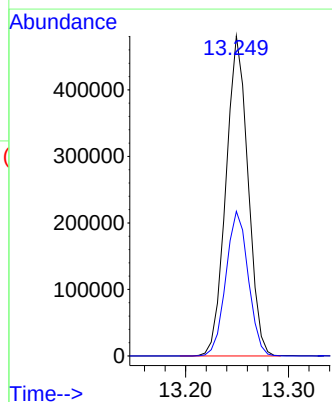
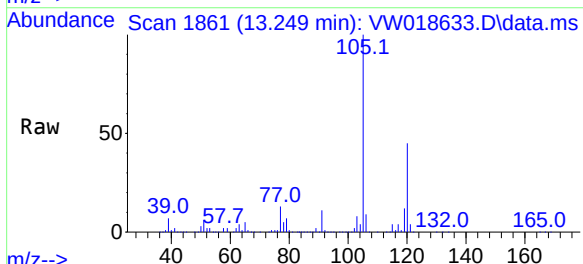
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

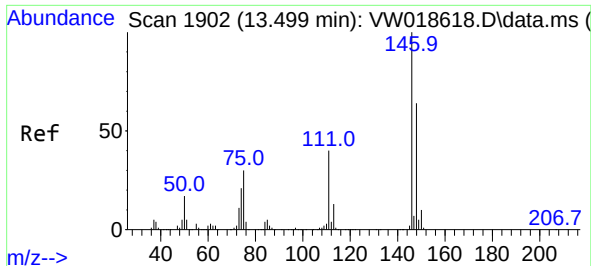
Tgt Ion:105 Resp: 728378
Ion Ratio Lower Upper
105 100
120 47.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.07 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:105 Resp: 716758
Ion Ratio Lower Upper
105 100
120 45.8 35.6 53.4

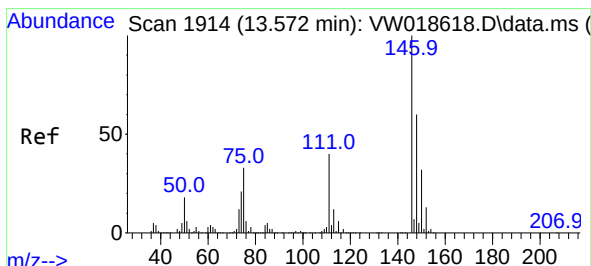
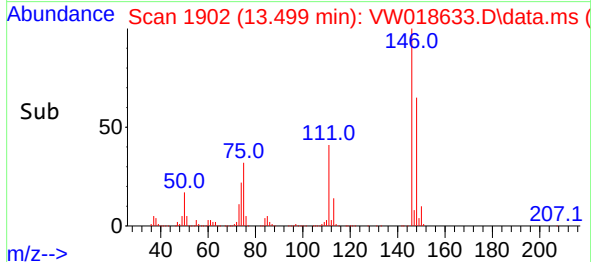
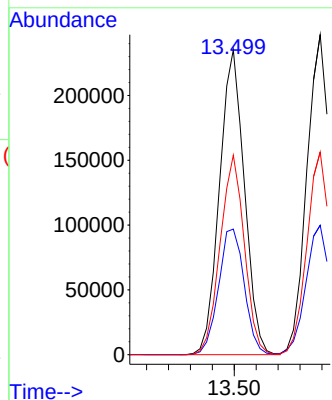
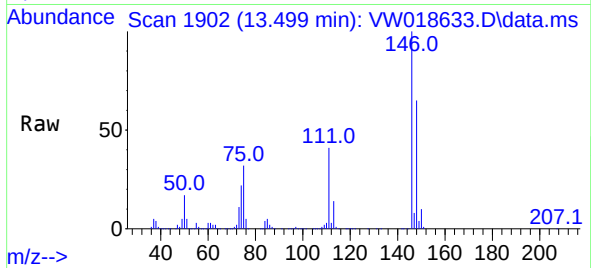




#64
1,3-Dichlorobenzene
Concen: 25.95 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

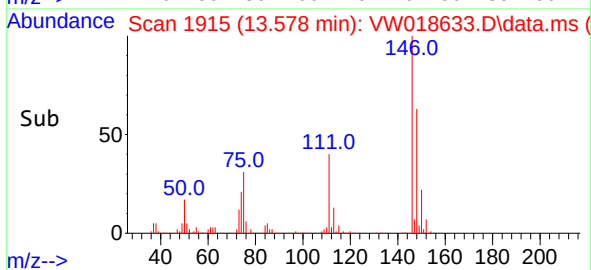
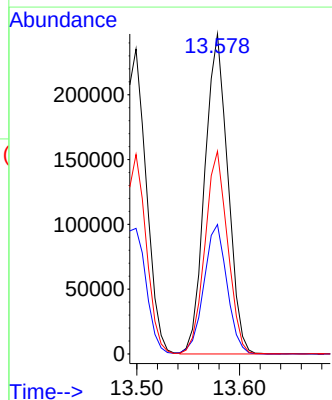
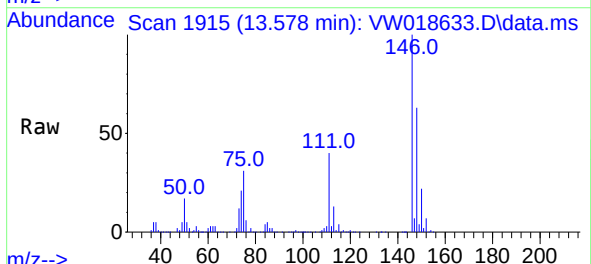
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

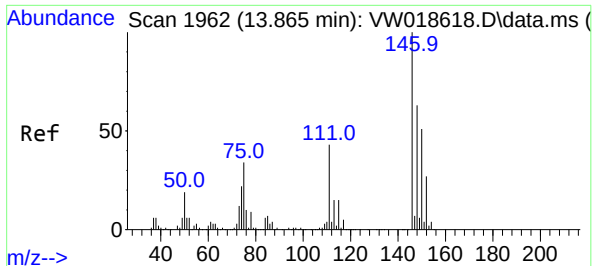
Tgt Ion:146 Resp: 371520
Ion Ratio Lower Upper
146 100
111 41.2 26.7 49.7
148 65.4 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 26.29 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:146 Resp: 384275
Ion Ratio Lower Upper
146 100
111 40.4 28.8 53.4
148 63.3 46.8 87.0

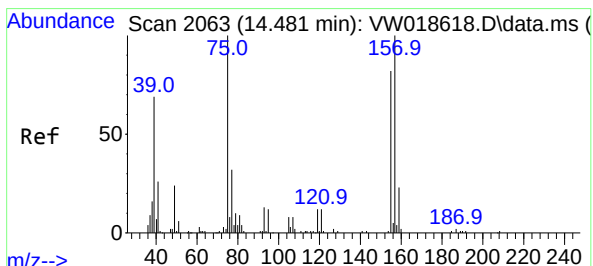
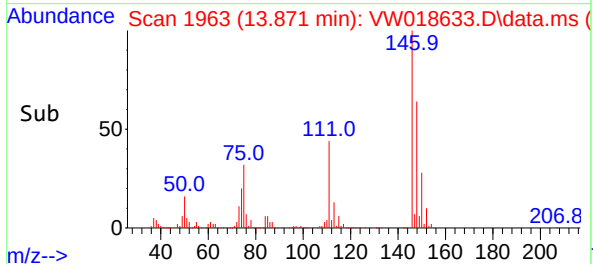
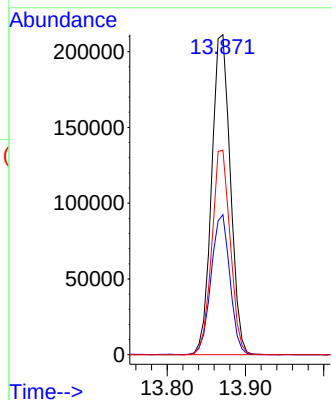
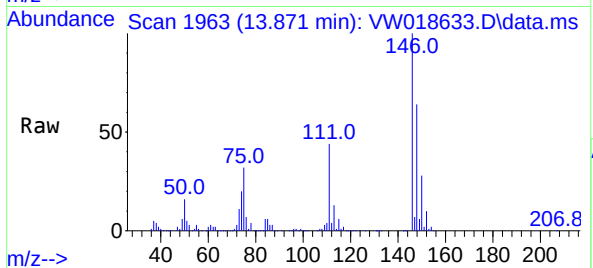




#67
1,2-Dichlorobenzene
Concen: 26.48 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

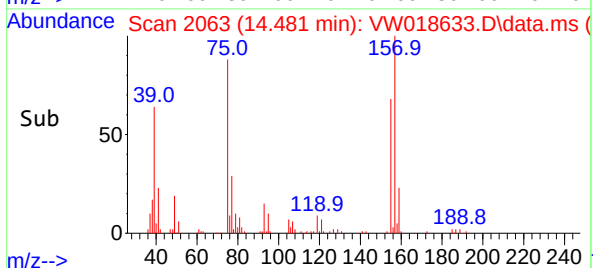
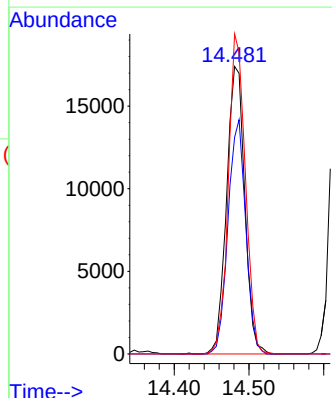
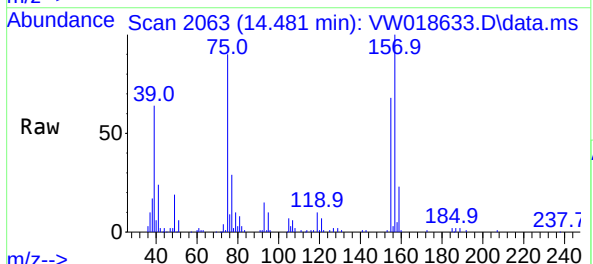
Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

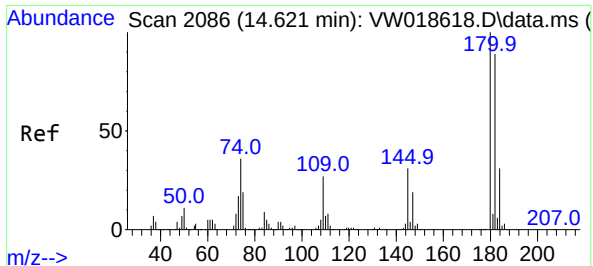
Tgt Ion:146 Resp: 349923
Ion Ratio Lower Upper
146 100
111 43.8 33.2 49.8
148 63.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.00 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion: 75 Resp: 29364
Ion Ratio Lower Upper
75 100
155 75.4 59.4 89.0
157 111.3 72.2 108.2#



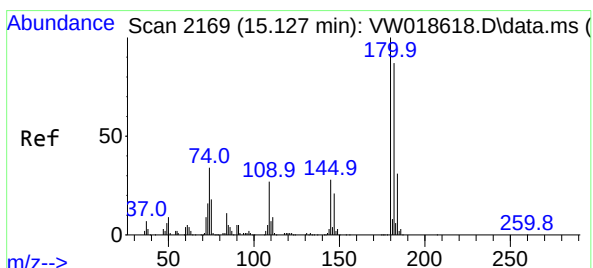
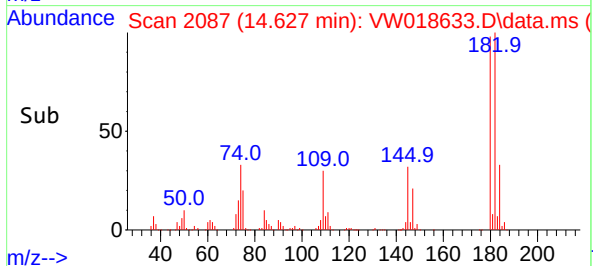
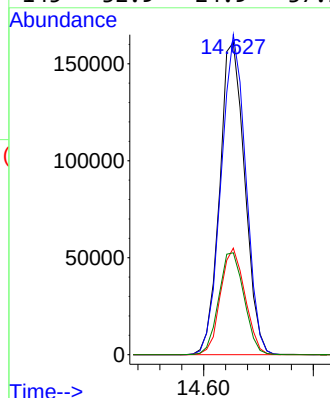
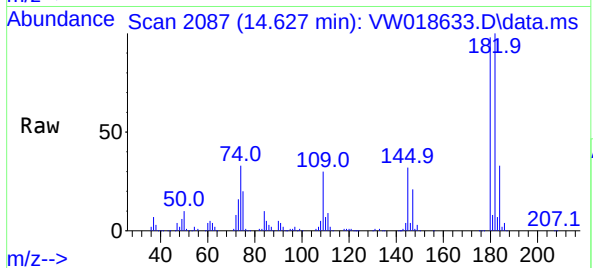


#69
1,3,5-Trichlorobenzene
Concen: 24.60 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

Tgt Ion:180 Resp: 256906

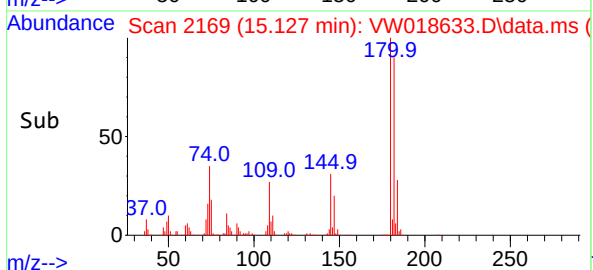
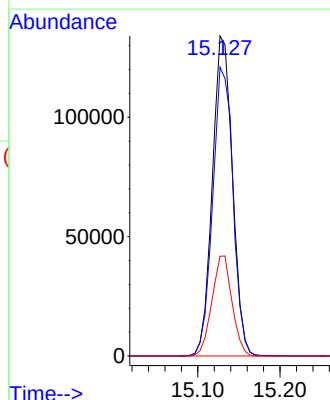
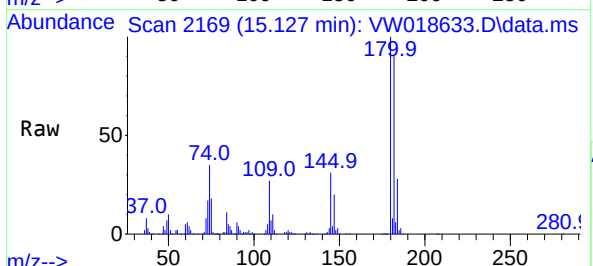
Ion	Ratio	Lower	Upper
180	100		
182	100.3	73.4	110.2
184	33.1	23.6	35.4
145	32.9	24.9	37.3

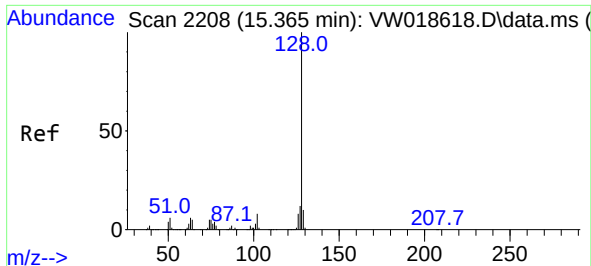


#70
1,2,4-trichlorobenzene
Concen: 25.87 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:180 Resp: 227667

Ion	Ratio	Lower	Upper
180	100		
182	91.5	74.7	112.1
145	31.2	25.0	37.4



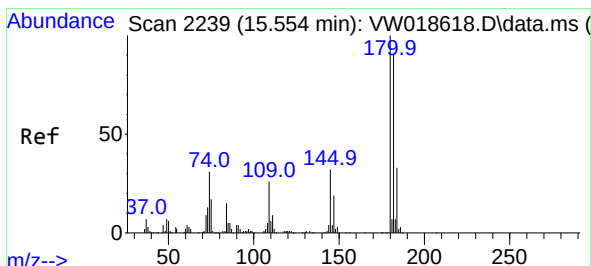
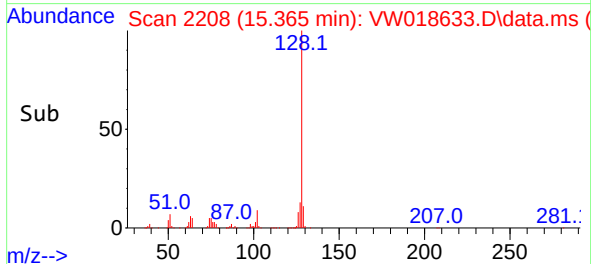
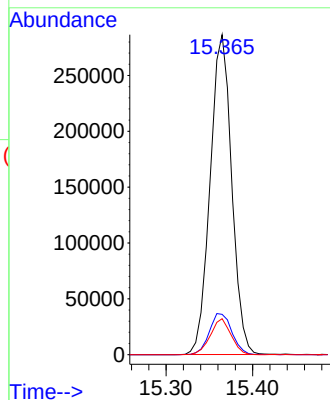
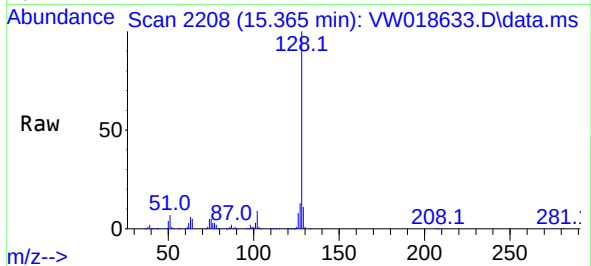


#71
Naphthalene
Concen: 26.55 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025115

Tgt Ion:128 Resp: 495443

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.8	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.55 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018633.D
Acq: 12 Apr 2021 19:22

Tgt Ion:180 Resp: 201705

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
145	32.6	28.9	43.3

