

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018682.D
 Acq On : 20 Apr 2021 08:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025113

Quant Time: Apr 21 01:23:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 20 01:14:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	543494	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	501259	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	251308	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169841	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
7) Chloroethane-d5	2.891	69	144832	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	4.025	63	330582	23.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.20%
21) 2-Butanone-d5	7.073	46	94446	50.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.48%
24) Chloroform-d	7.646	84	365629	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.305	65	201104	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.92%
32) Benzene-d6	8.268	84	706473	24.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	9.274	67	216661	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	10.323	98	654035	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.28%
43) trans-1,3-Dichloroprop...	10.579	79	98317	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.24%
47) 2-Hexanone-d5	10.920	63	79951	51.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.78%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	186504	25.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.80%
66) 1,2-Dichlorobenzene-d4	13.853	152	208909	23.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.64%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	127806	24.71	ug/L	98
3) Chloromethane	2.214	50	125574	17.77	ug/L	97
5) Vinyl chloride	2.367	62	224452	22.04	ug/L	97
6) Bromomethane	2.781	94	149767	18.45	ug/L	98
8) Chloroethane	2.928	64	137961	21.23	ug/L	98
9) Trichlorofluoromethane	3.257	101	157826	27.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	184595	25.49	ug/L	95
12) 1,1-Dichloroethene	4.037	96	181799	25.44	ug/L	94
13) Acetone	4.117	43	69239	50.74	ug/L	93
14) Carbon disulfide	4.385	76	512981	24.12	ug/L	99
15) Methyl Acetate	4.665	43	76067	24.44	ug/L	96
16) Methylene chloride	4.915	84	189761	21.30	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	190002	24.73	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	243763	23.71	ug/L	97
19) 1,1-Dichloroethane	6.214	63	350676	24.81	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	207376	25.37	ug/L	96
22) 2-Butanone	7.165	43	102290	49.33	ug/L	96
23) Bromochloromethane	7.518	128	86690	24.49	ug/L	95
25) Chloroform	7.677	83	357211	24.91	ug/L	99
27) 1,2-Dichloroethane	8.396	62	237941	24.38	ug/L	98

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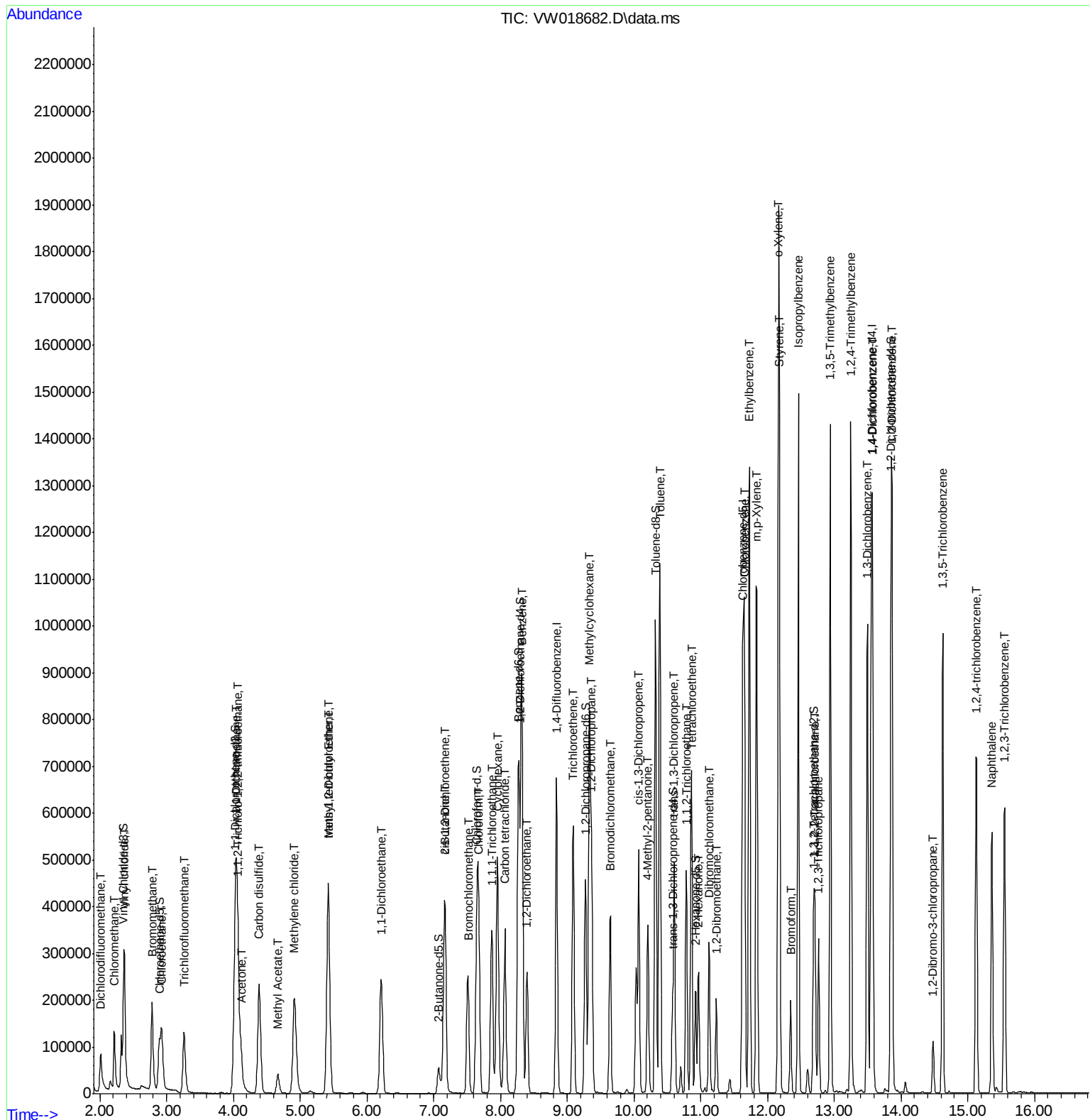
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.957	56	301063	24.39	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	281519	25.67	ug/L	100
31) Carbon tetrachloride	8.067	117	259510	26.24	ug/L	100
33) Benzene	8.323	78	785561	24.96	ug/L	100
34) Trichloroethene	9.091	95	200264	24.71	ug/L	93
35) Methylcyclohexane	9.335	83	344108	24.43	ug/L	98
37) 1,2-Dichloropropane	9.366	63	192055	24.10	ug/L	99
38) Bromodichloromethane	9.646	83	254998	25.14	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	304326	25.73	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	221398	45.22	ug/L	94
42) Toluene	10.390	91	856949	25.36	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	268266	25.98	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	146386	24.76	ug/L	97
46) Tetrachloroethene	10.865	164	146853	25.64	ug/L	98
48) 2-Hexanone	10.969	43	155341	50.20	ug/L	95
49) Dibromochloromethane	11.127	129	163709	25.99	ug/L	96
50) 1,2-Dibromoethane	11.231	107	137421	24.43	ug/L	95
51) Chlorobenzene	11.658	112	508549	24.45	ug/L	99
52) Ethylbenzene	11.731	91	941079	25.21	ug/L	100
53) m,p-Xylene	11.835	106	343953	25.12	ug/L	94
54) o-Xylene	12.164	106	332229	25.27	ug/L	92
55) Styrene	12.182	104	580923	25.55	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	181024	24.59	ug/L	99
59) Bromoform	12.347	173	86038	24.01	ug/L	97
60) Isopropylbenzene	12.463	105	917169	24.81	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	131588	22.92	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	758182	24.76	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	777190	25.44	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	380784	24.31	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	379636	23.96	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	355012	24.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28605	23.97	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	281280	25.15	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	214134	23.52	ug/L	93
71) Naphthalene	15.365	128	471282	24.57	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	195890	24.38	ug/L	98

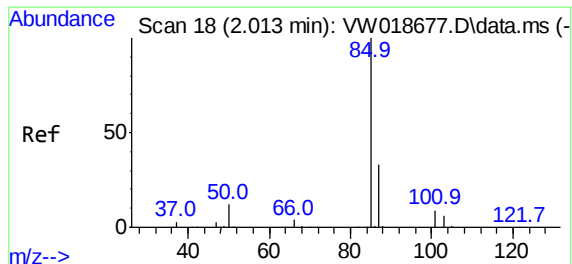
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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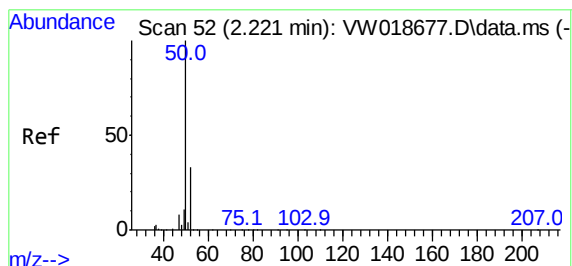
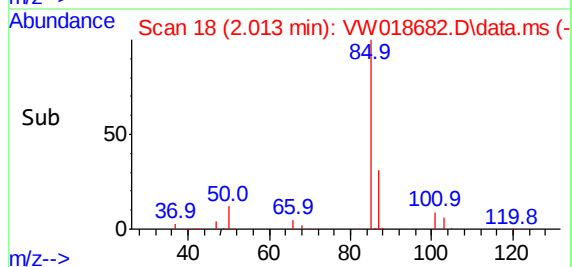
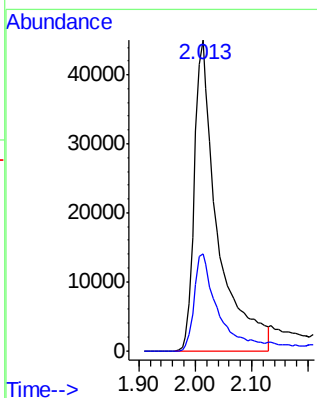
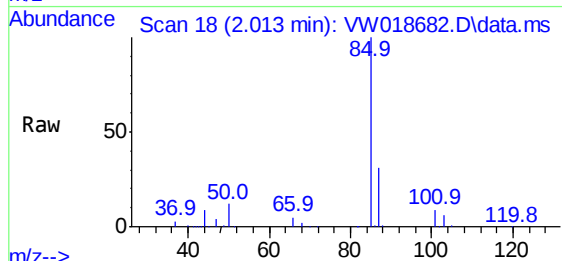




#2
Dichlorodifluoromethane
Concen: 24.71 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

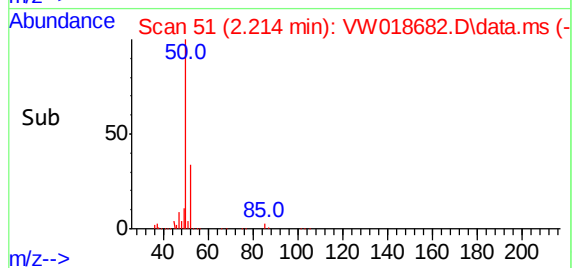
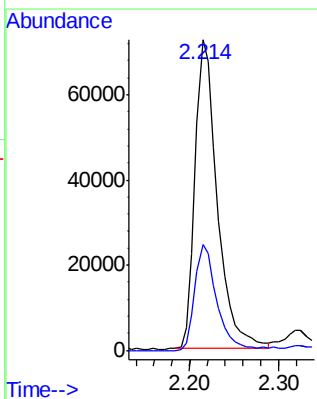
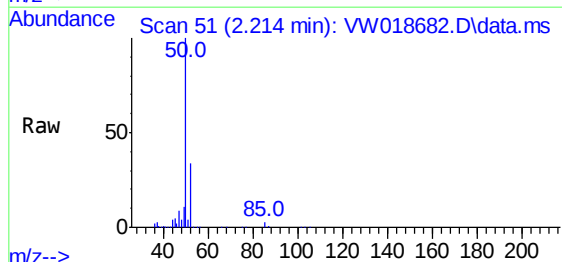
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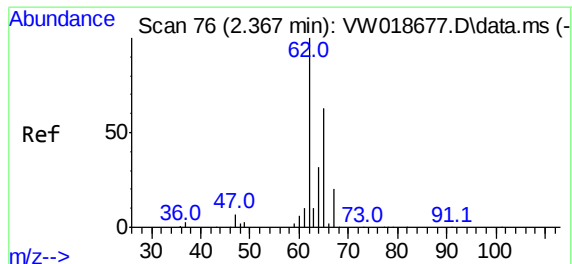
Tgt Ion: 85 Resp: 127806
Ion Ratio Lower Upper
85 100
87 30.4 23.3 34.9



#3
Chloromethane
Concen: 17.77 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 50 Resp: 125574
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.9

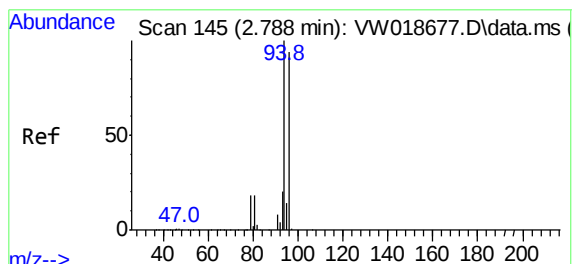
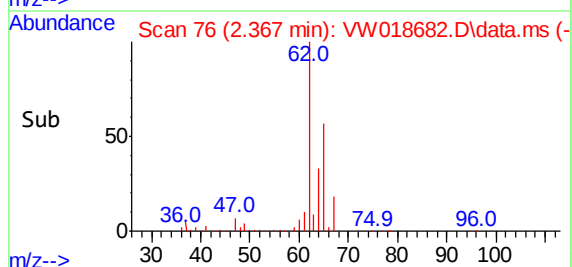
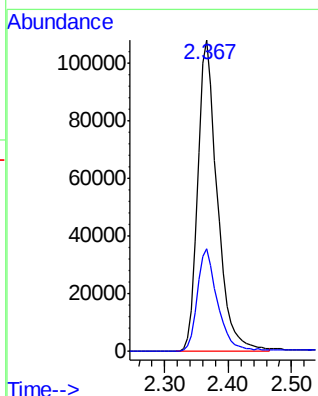
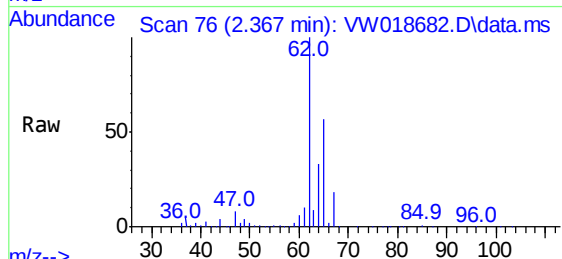




#5
 Vinyl chloride
 Concen: 22.04 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018682.D
 Acq: 20 Apr 2021 08:46

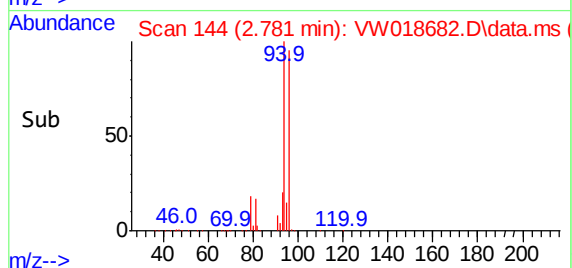
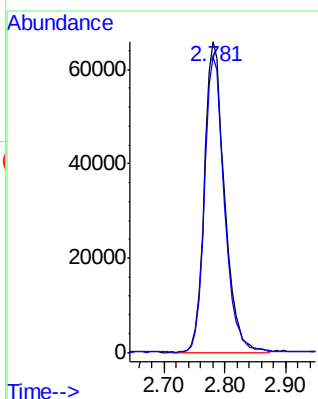
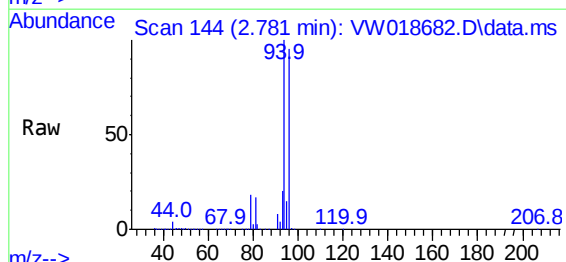
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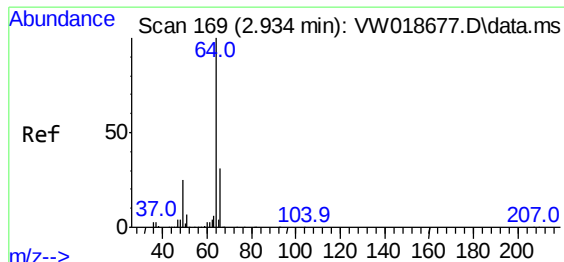
Tgt Ion: 62 Resp: 224452
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 45.0



#6
 Bromomethane
 Concen: 18.45 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018682.D
 Acq: 20 Apr 2021 08:46

Tgt Ion: 94 Resp: 149767
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.3 121.3

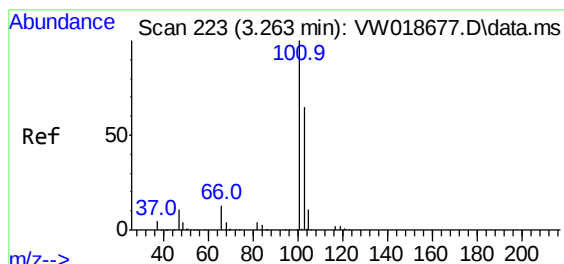
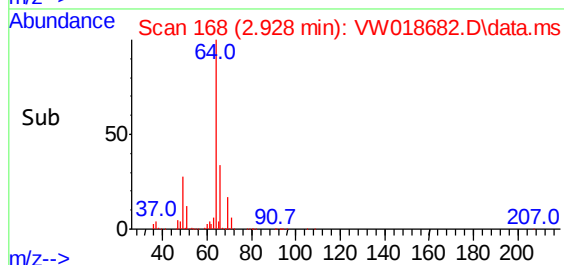
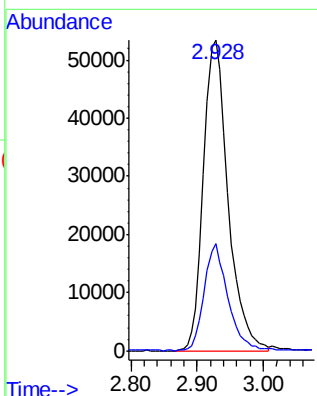
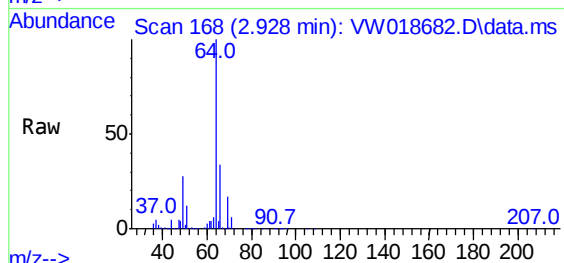




#8
Chloroethane
Concen: 21.23 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

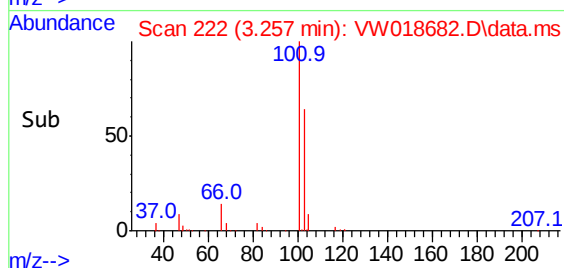
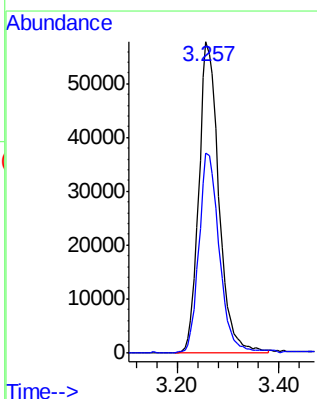
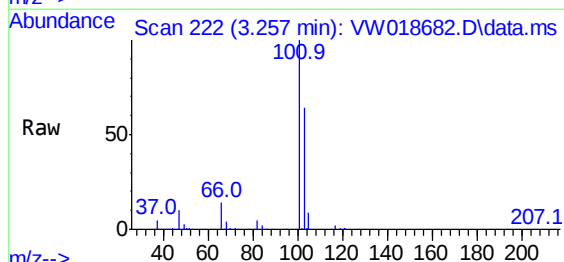
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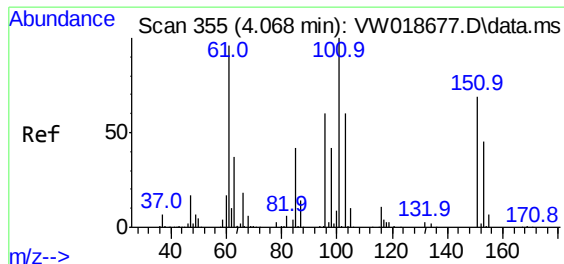
Tgt Ion: 64 Resp: 137961
Ion Ratio Lower Upper
64 100
66 34.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.66 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion:101 Resp: 157826
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4

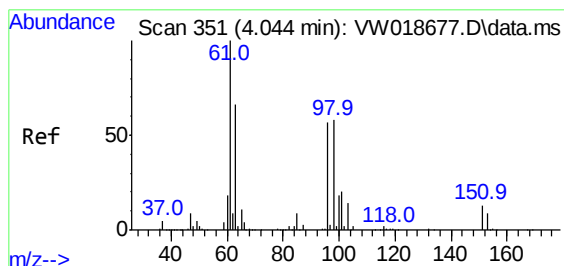
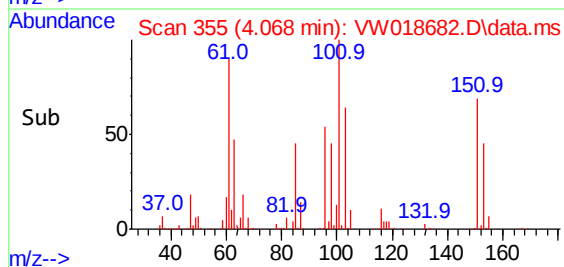
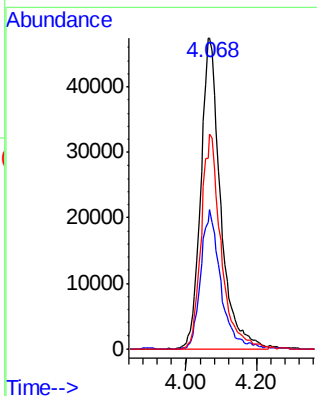
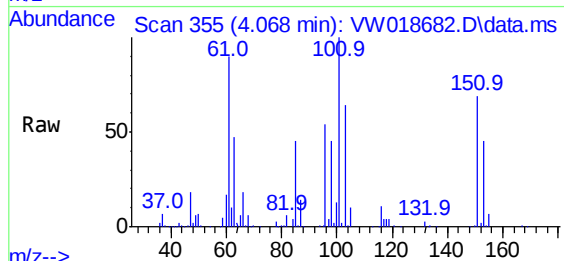




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.49 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018682.D
 Acq: 20 Apr 2021 08:46

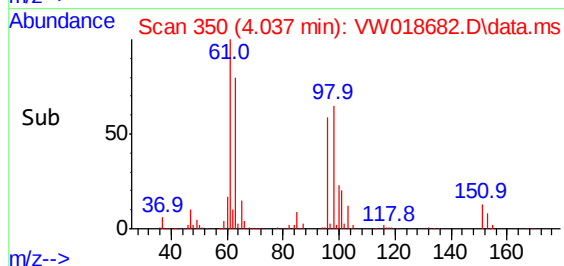
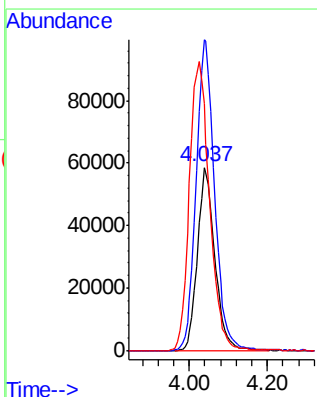
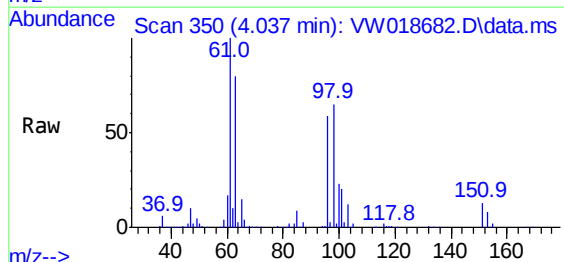
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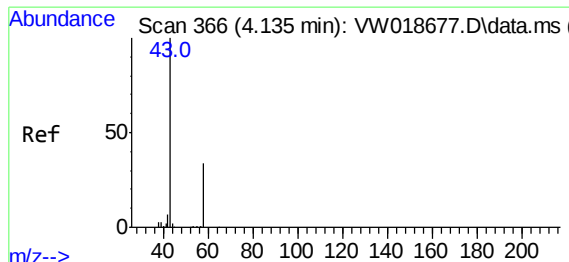
Tgt Ion:101 Resp: 184595
 Ion Ratio Lower Upper
 101 100
 85 43.0 38.2 57.2
 151 68.0 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 25.44 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW018682.D
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Tgt Ion: 96 Resp: 181799
 Ion Ratio Lower Upper
 96 100
 61 169.7 118.1 219.3
 63 135.0 83.7 155.5

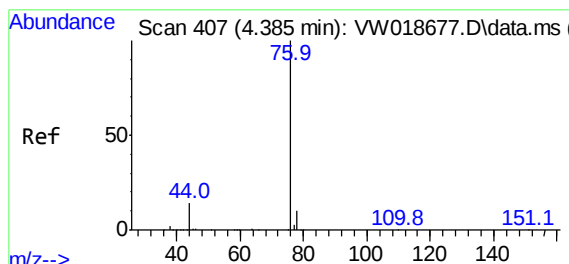
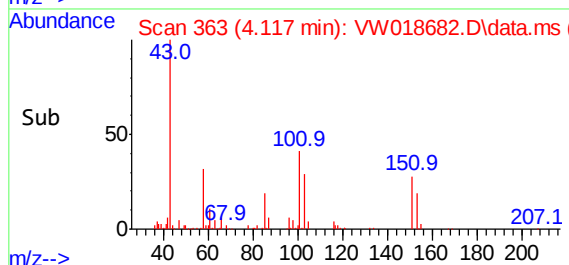
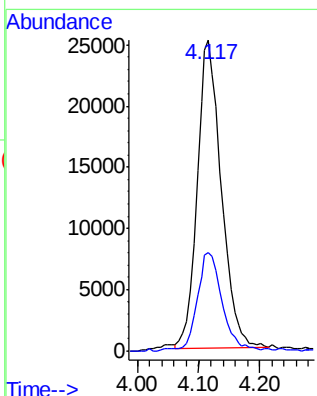
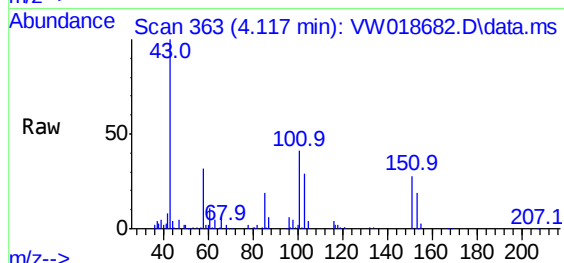




#13
Acetone
Concen: 50.74 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.018 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

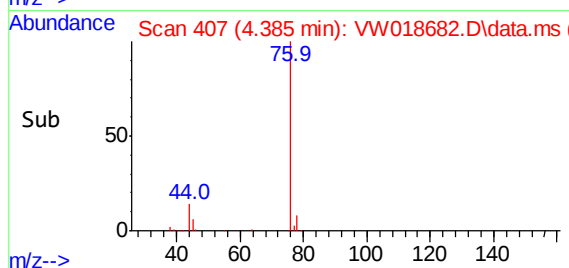
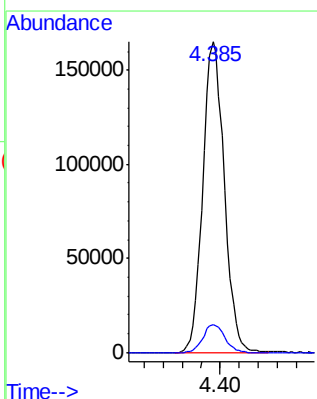
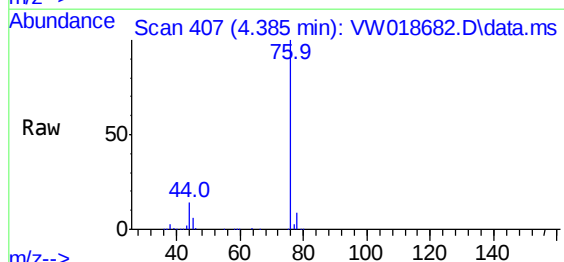
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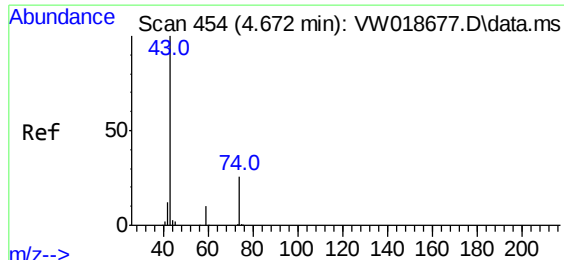
Tgt Ion: 43 Resp: 69239
Ion Ratio Lower Upper
43 100
58 30.6 0.0 53.8



#14
Carbon disulfide
Concen: 24.12 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 512981
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

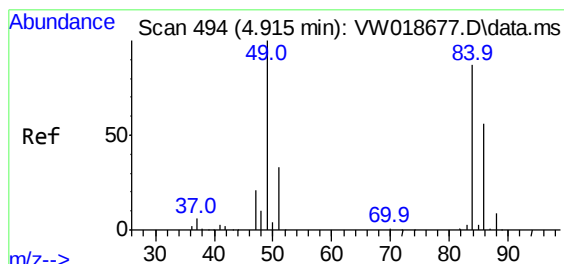
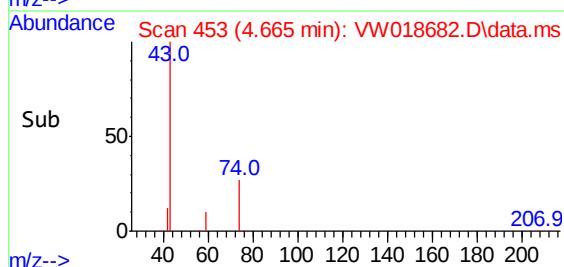
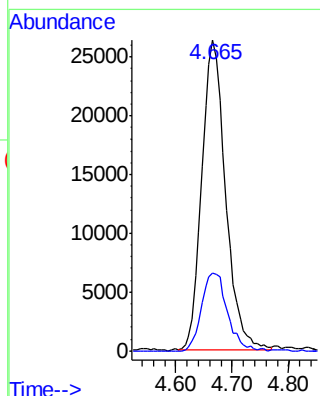
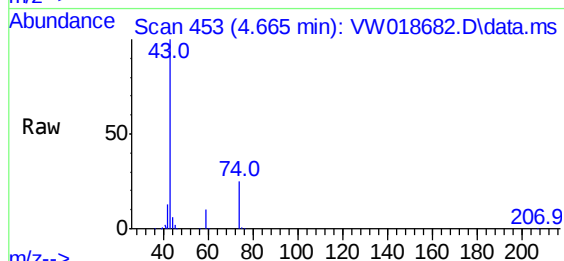




#15
Methyl Acetate
Concen: 24.44 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

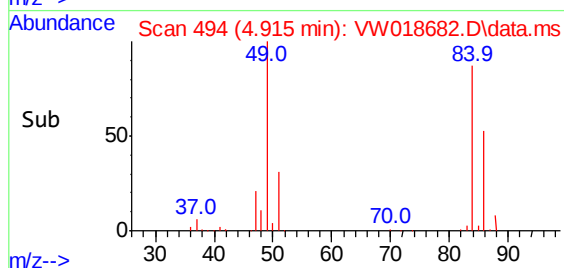
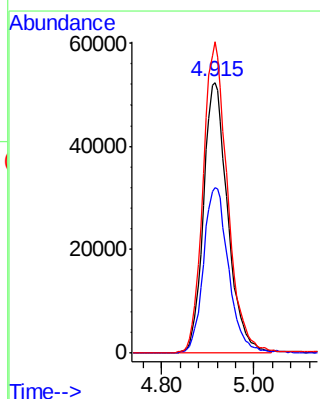
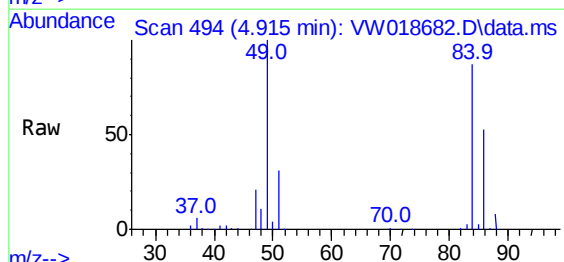
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

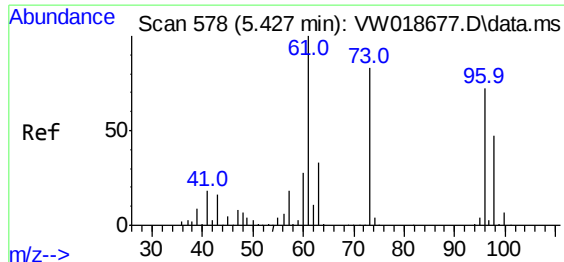
Tgt Ion: 43 Resp: 76067
Ion Ratio Lower Upper
43 100
74 27.1 20.0 30.0



#16
Methylene chloride
Concen: 21.30 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 84 Resp: 189761
Ion Ratio Lower Upper
84 100
86 61.1 45.3 84.1
49 115.0 86.6 160.8



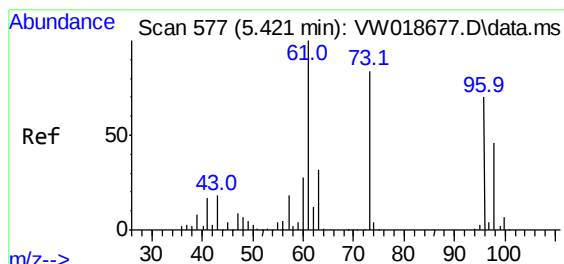
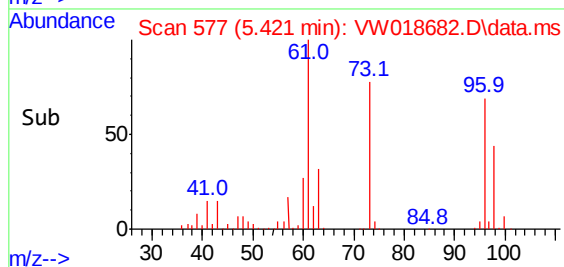
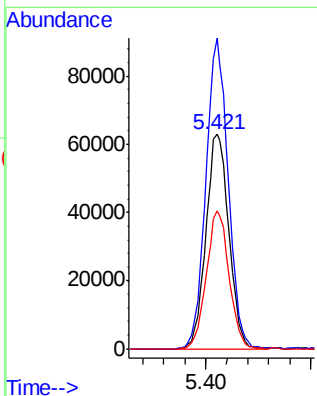
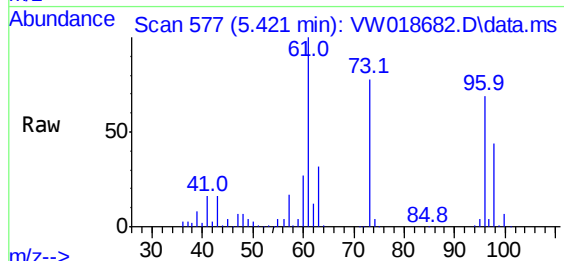


#17
trans-1,2-Dichloroethene
Concen: 24.73 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

Tgt Ion: 96 Resp: 190002

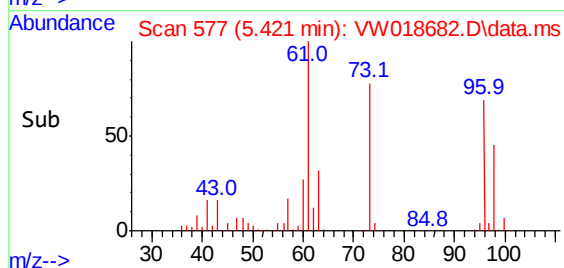
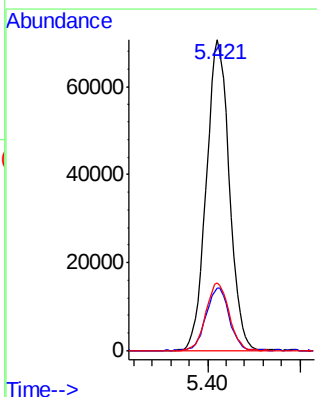
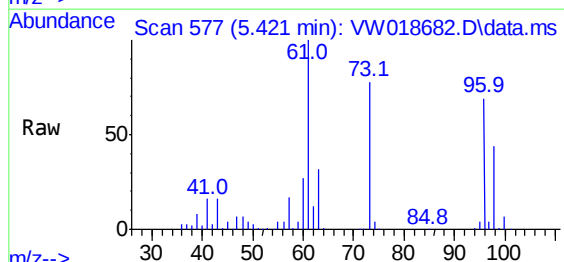
Ion	Ratio	Lower	Upper
96	100		
61	144.9	98.3	182.7
98	64.4	46.1	85.7

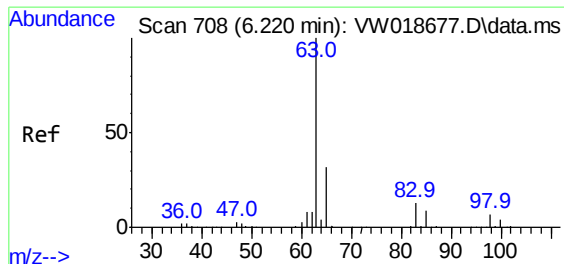


#18
Methyl tert-butyl Ether
Concen: 23.71 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 73 Resp: 243763

Ion	Ratio	Lower	Upper
73	100		
43	20.2	17.7	26.5
57	21.8	17.0	25.4

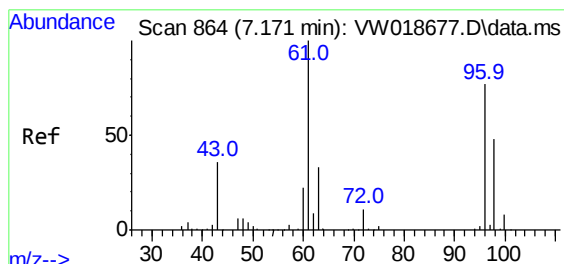
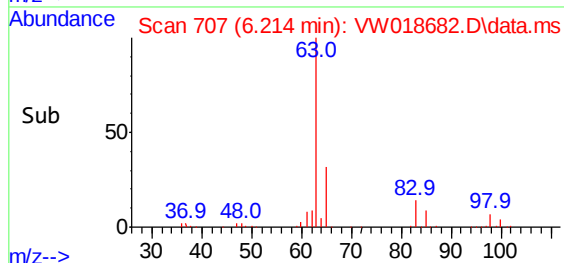
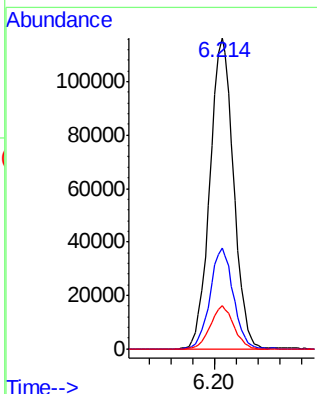
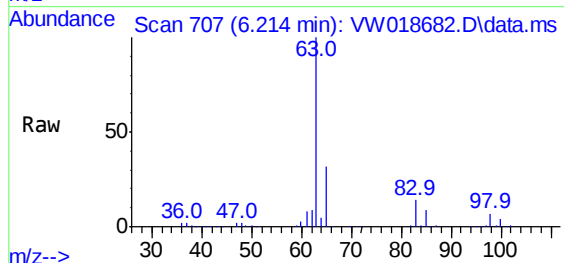




#19
1,1-Dichloroethane
Concen: 24.81 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

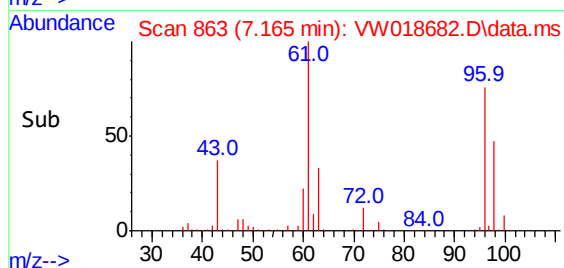
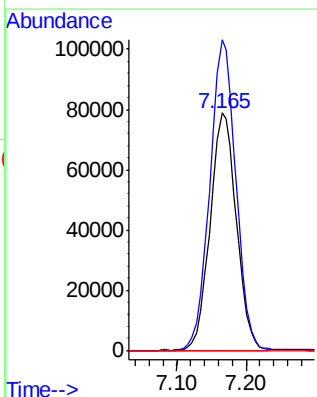
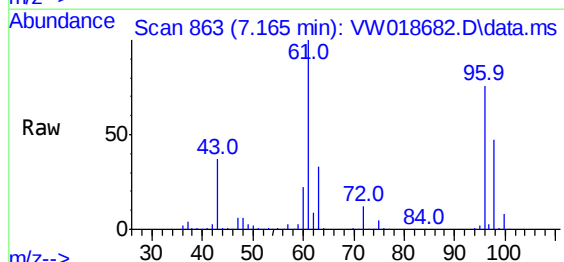
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

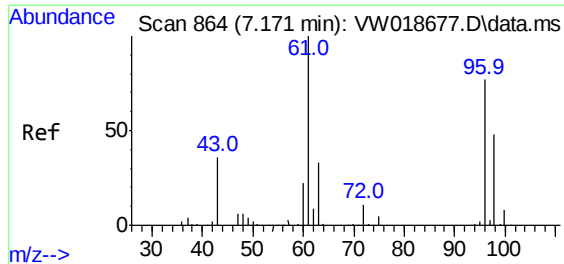
Tgt Ion: 63 Resp: 350676
Ion Ratio Lower Upper
63 100
65 32.4 22.9 42.5
83 13.9 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 25.37 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 96 Resp: 207376
Ion Ratio Lower Upper
96 100
61 130.9 88.5 164.3
68 0.0 0.0 0.0

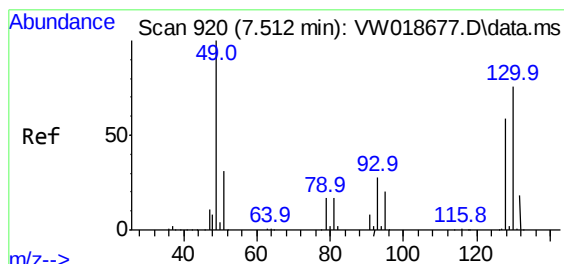
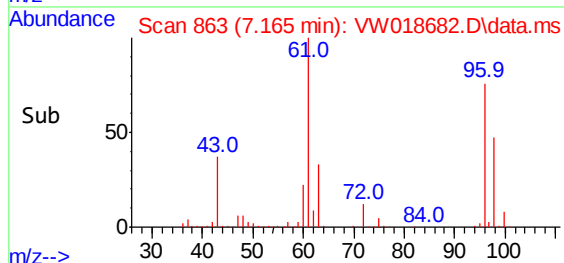
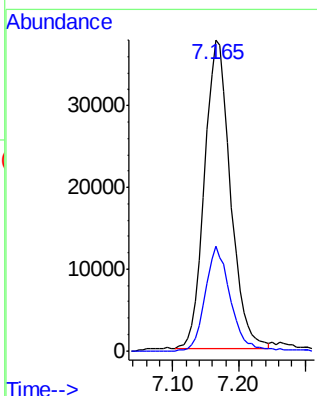
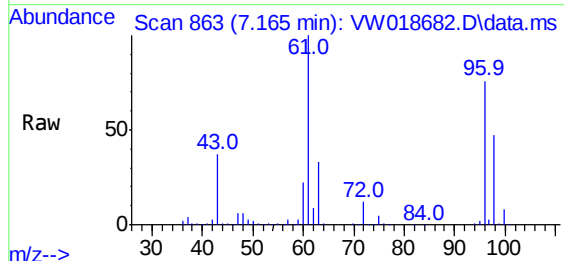




#22
2-Butanone
Concen: 49.33 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

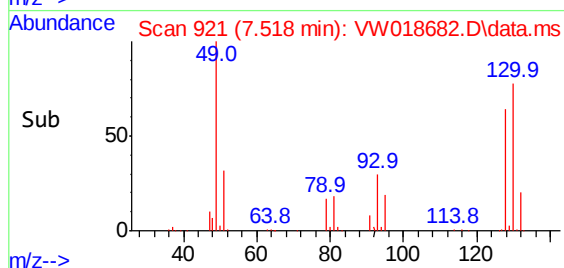
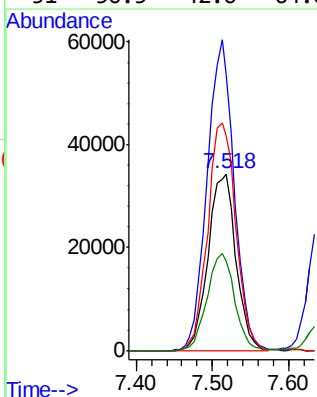
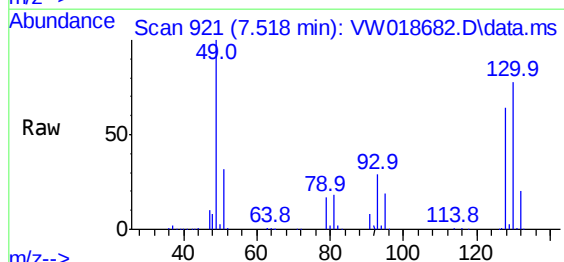
Instrument :
MSVOA_W
ClientSampled :
VSTD025113

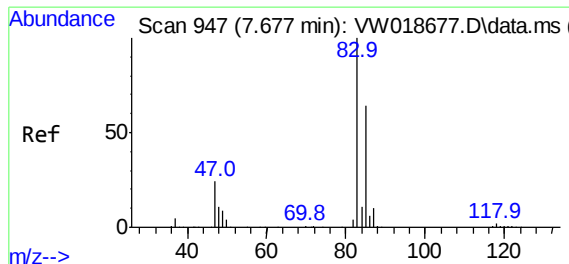
Tgt Ion: 43 Resp: 102290
Ion Ratio Lower Upper
43 100
72 32.2 14.9 44.7



#23
Bromochloromethane
Concen: 24.49 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 128 Resp: 86690
Ion Ratio Lower Upper
128 100
49 156.0 116.3 215.9
130 121.1 82.4 153.0
51 50.5 42.6 64.0

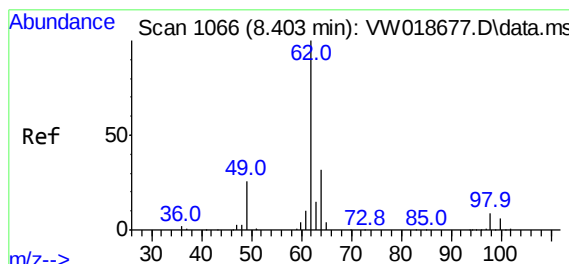
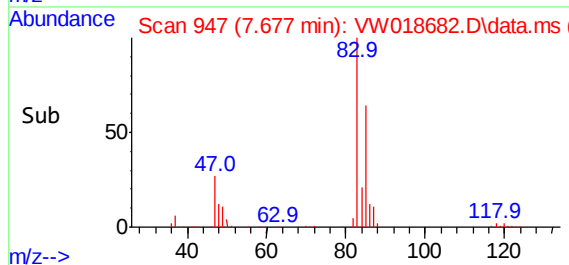
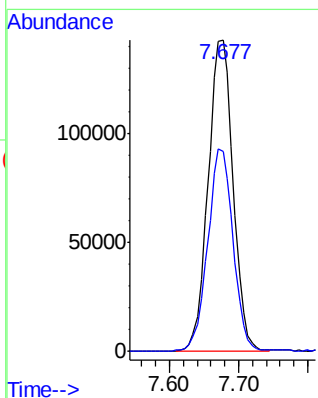
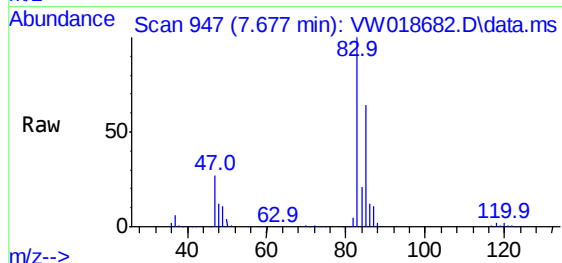




#25
Chloroform
Concen: 24.91 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

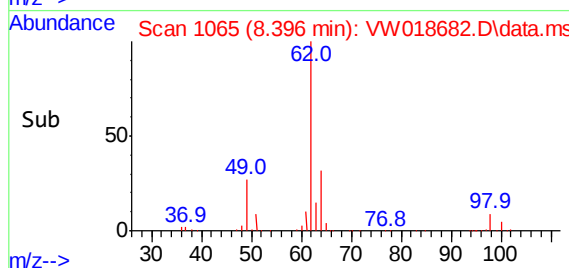
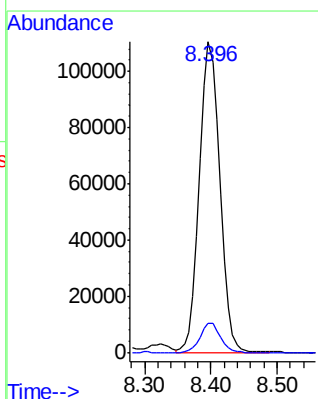
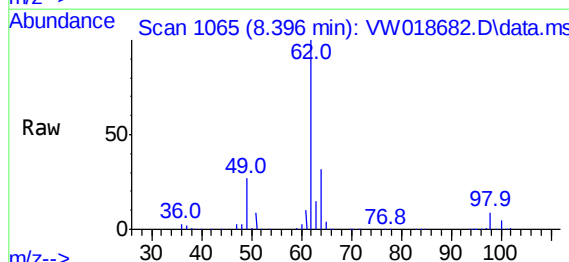
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

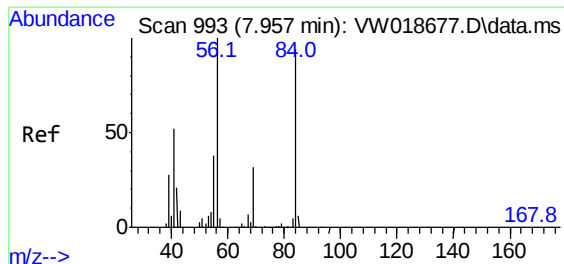
Tgt Ion: 83 Resp: 357211
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.38 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 62 Resp: 237941
Ion Ratio Lower Upper
62 100
98 9.3 6.9 10.3

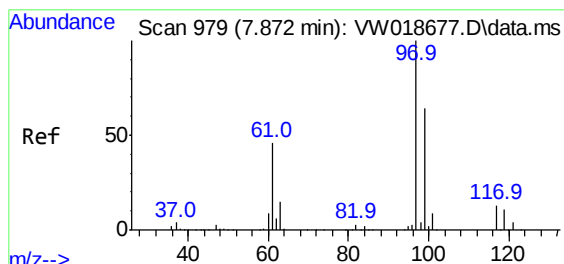
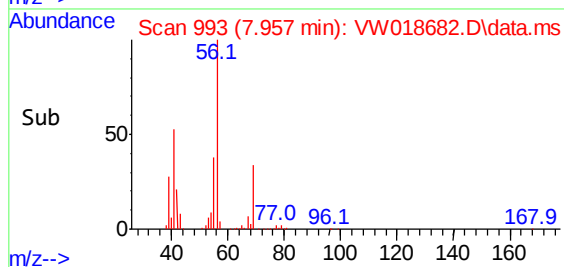
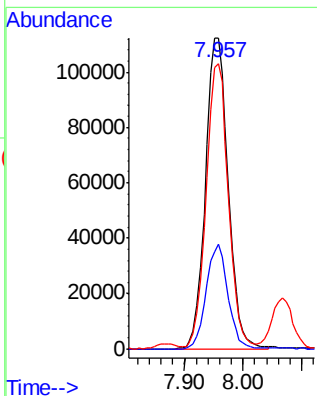
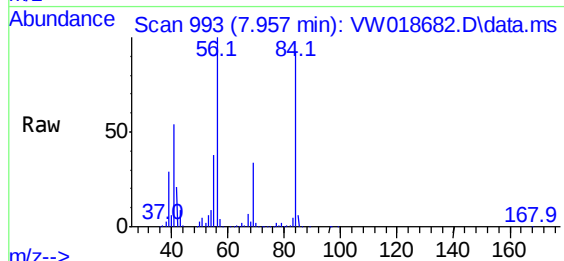




#29
Cyclohexane
Concen: 24.39 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

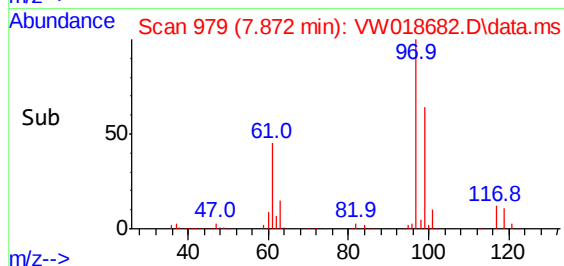
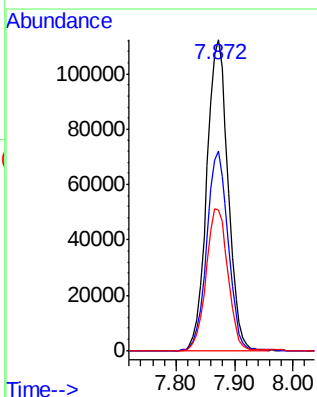
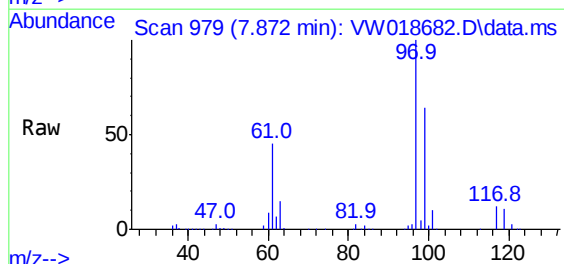
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

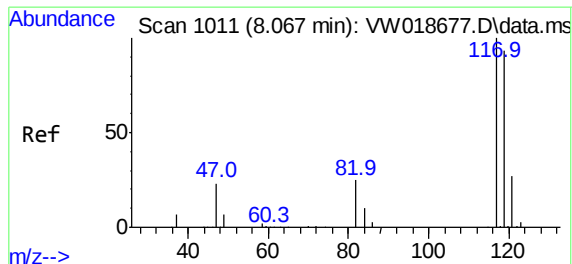
Tgt Ion: 56 Resp: 301063
Ion Ratio Lower Upper
56 100
69 32.4 24.5 36.7
84 90.4 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 25.67 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 97 Resp: 281519
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 46.7 37.8 56.6

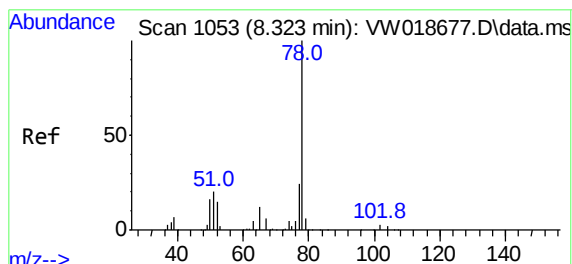
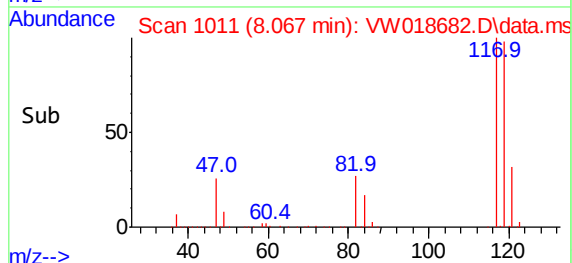
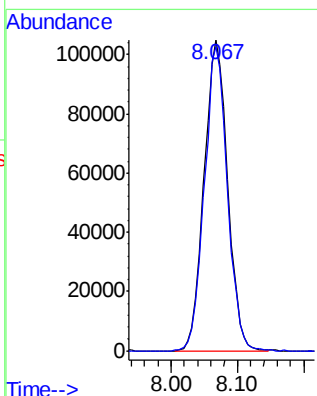
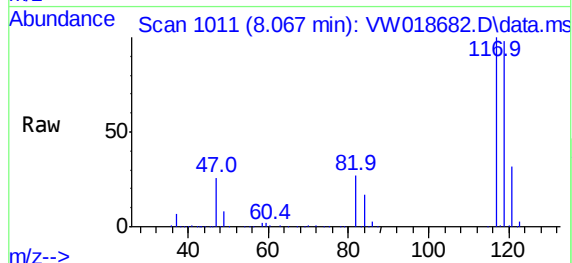




#31
Carbon tetrachloride
Concen: 26.24 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

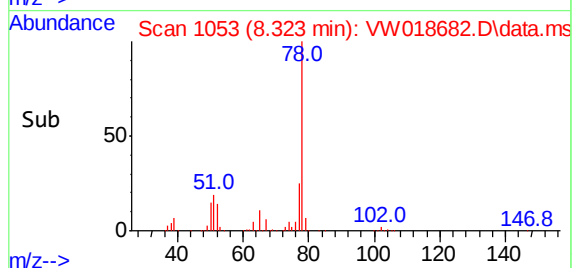
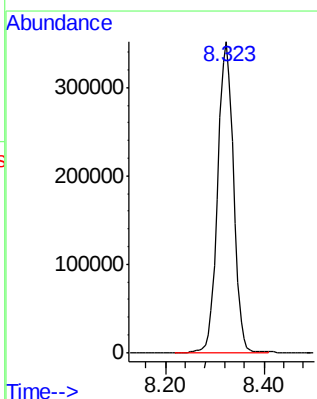
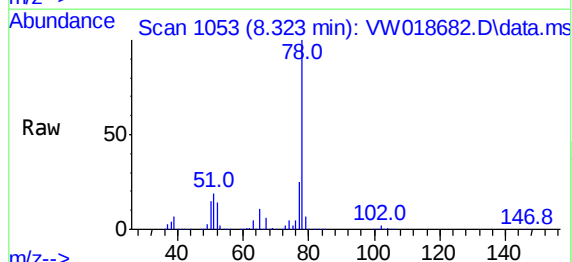
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

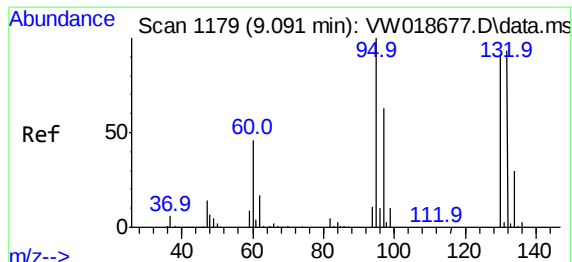
Tgt Ion:117 Resp: 259510
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7



#33
Benzene
Concen: 24.96 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 78 Resp: 785561

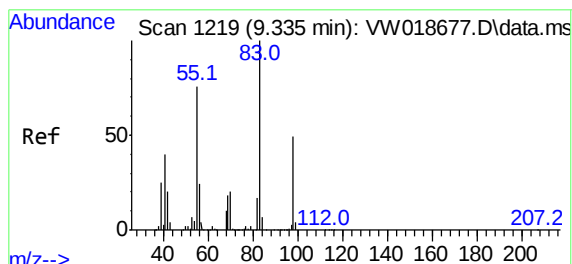
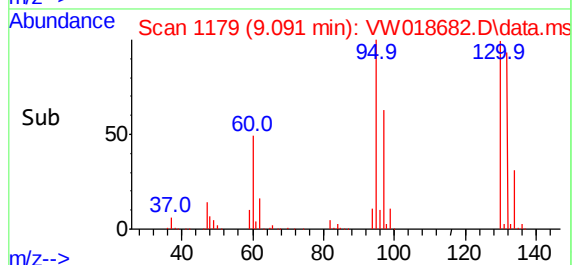
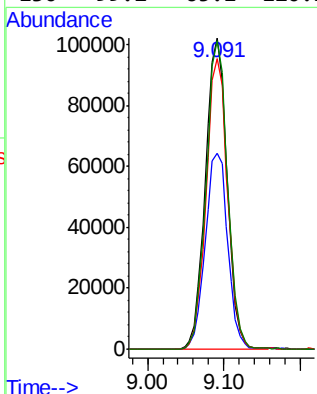
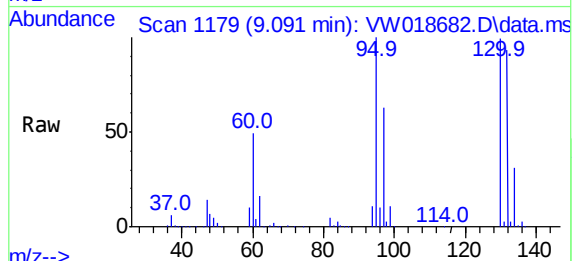




#34
Trichloroethene
Concen: 24.71 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

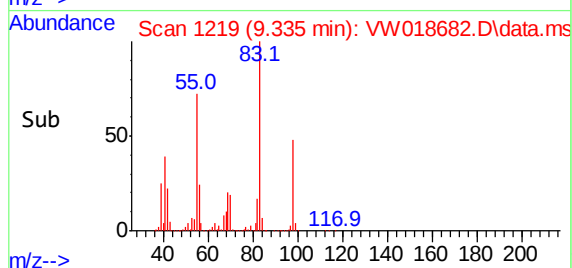
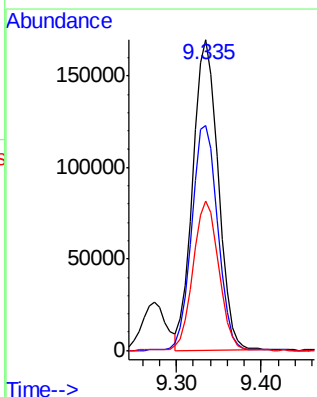
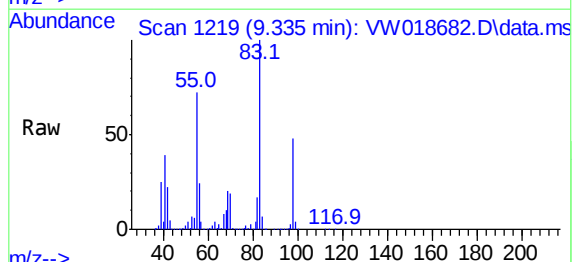
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

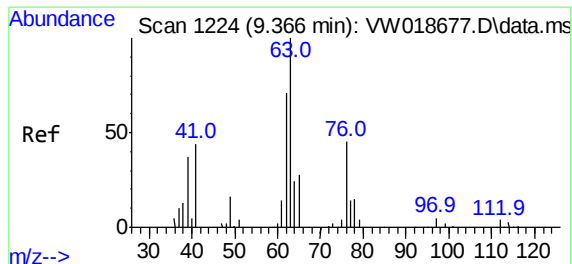
Tgt Ion: 95 Resp: 200264
Ion Ratio Lower Upper
95 100
97 62.8 47.3 87.8
132 93.4 71.0 131.8
130 99.2 65.1 120.9



#35
Methylcyclohexane
Concen: 24.43 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 83 Resp: 344108
Ion Ratio Lower Upper
83 100
55 74.7 58.9 88.3
98 48.8 40.1 60.1

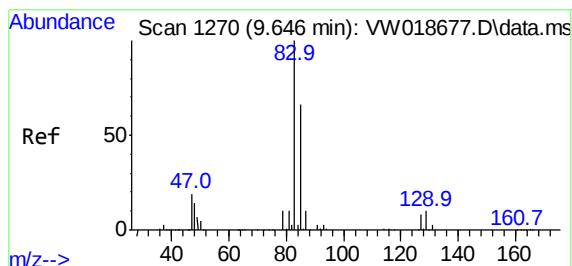
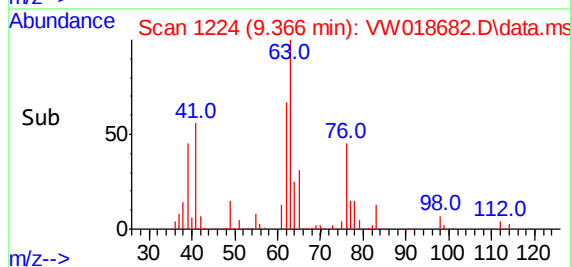
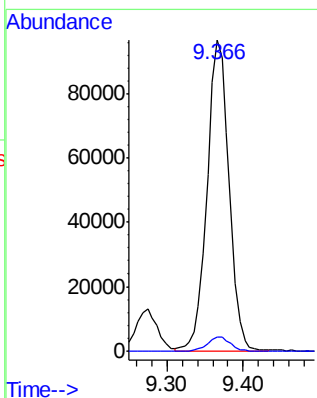
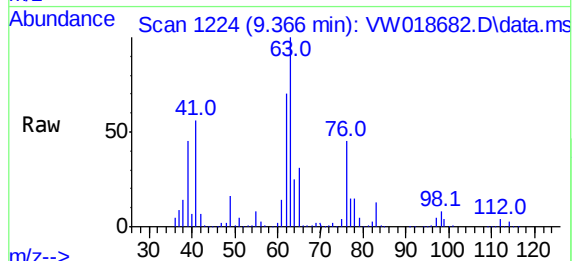




#37
1,2-Dichloropropane
Concen: 24.10 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

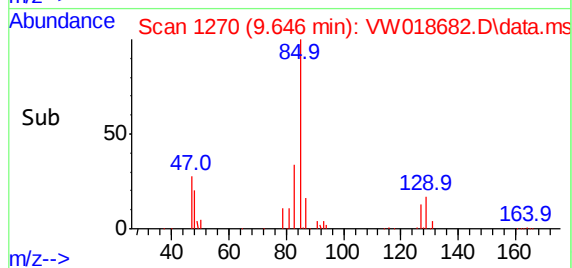
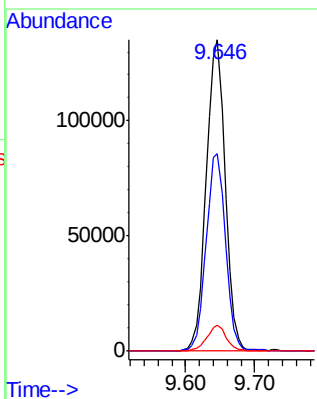
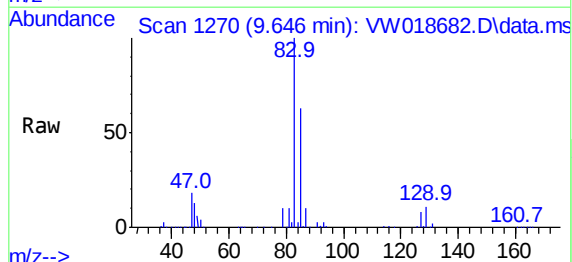
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

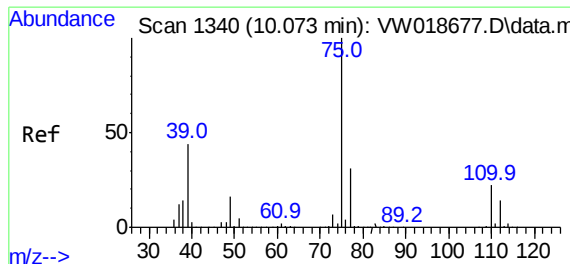
Tgt Ion: 63 Resp: 192055
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 25.14 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 83 Resp: 254998
Ion Ratio Lower Upper
83 100
85 63.2 42.3 78.5
127 8.1 6.6 9.8

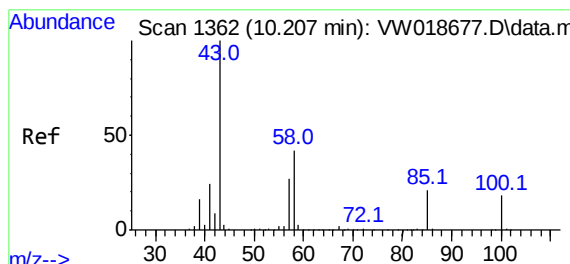
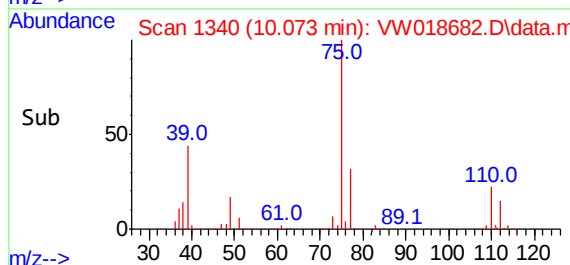
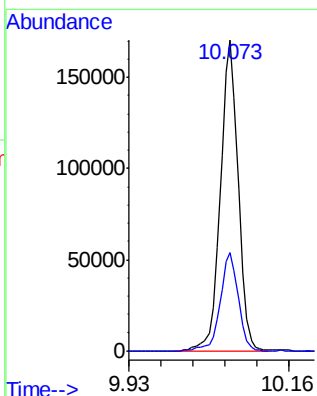
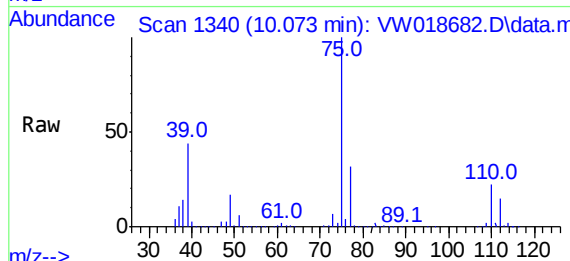




#39
cis-1,3-Dichloropropene
Concen: 25.73 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

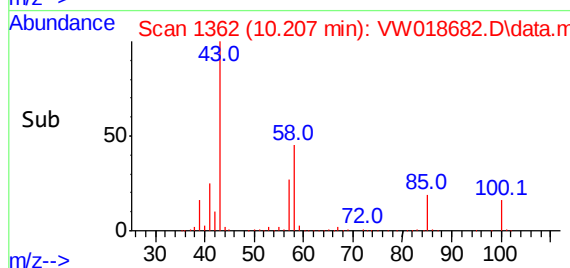
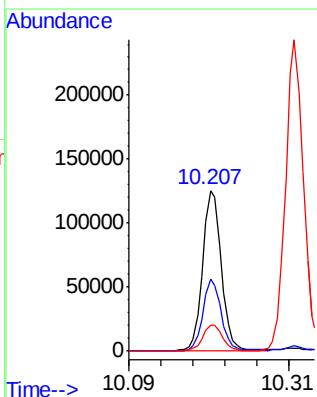
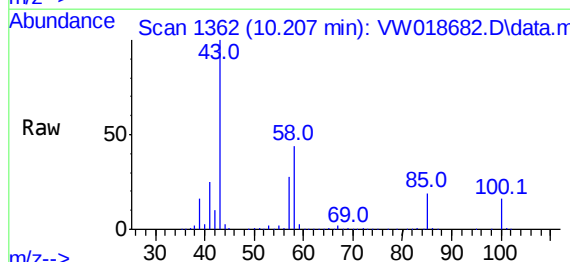
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

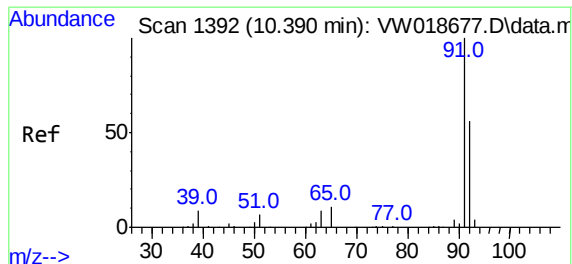
Tgt Ion: 75 Resp: 304326
Ion Ratio Lower Upper
75 100
77 31.6 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 45.22 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 43 Resp: 221398
Ion Ratio Lower Upper
43 100
58 43.4 31.0 46.4
100 16.6 13.0 19.6

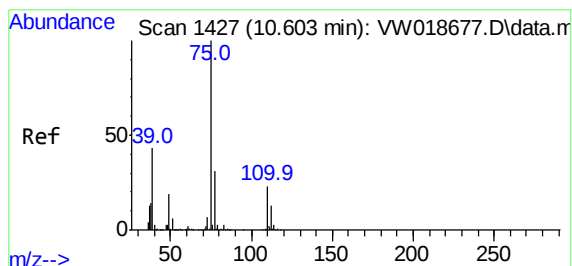
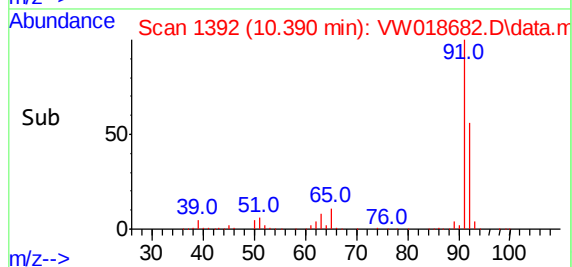
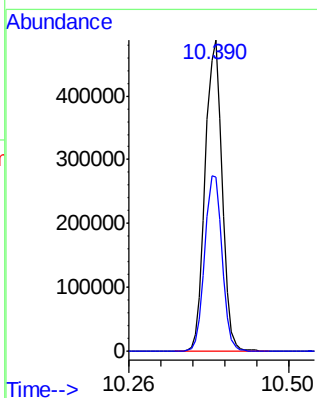
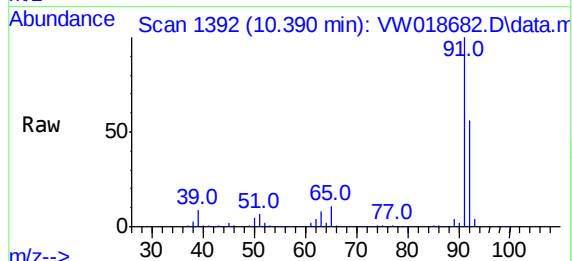




#42
Toluene
Concen: 25.36 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

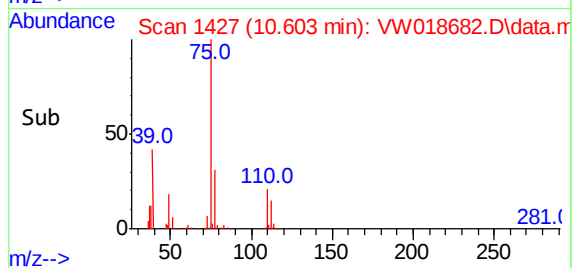
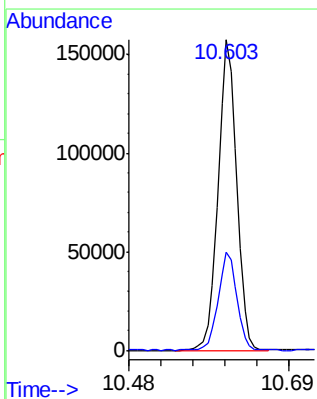
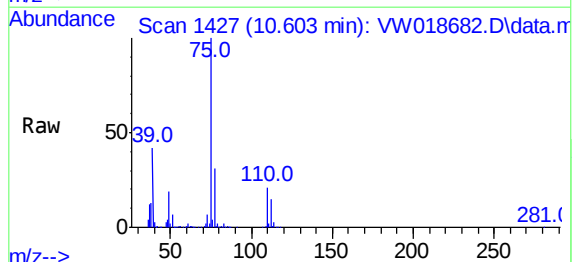
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

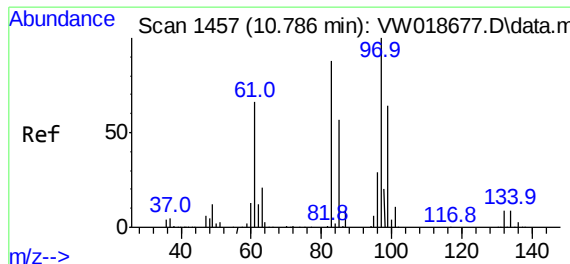
Tgt Ion: 91 Resp: 856949
Ion Ratio Lower Upper
91 100
92 55.9 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 25.98 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 75 Resp: 268266
Ion Ratio Lower Upper
75 100
77 31.4 21.1 39.1

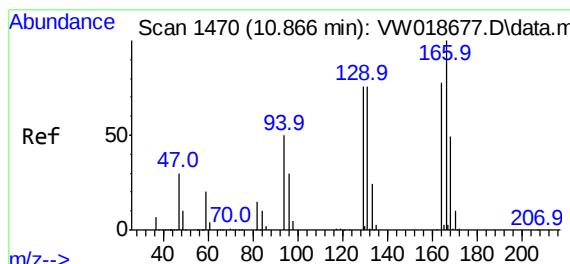
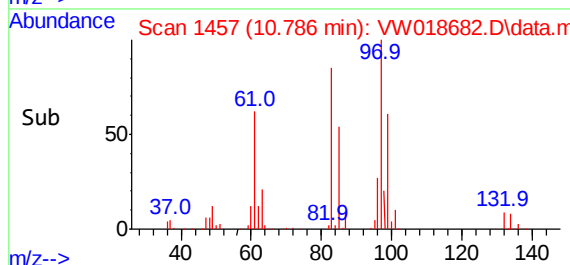
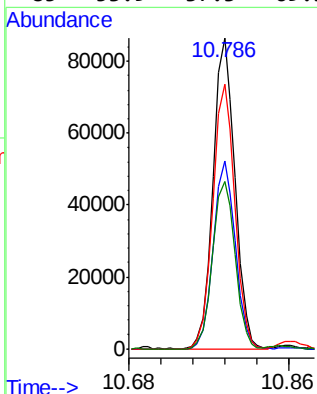
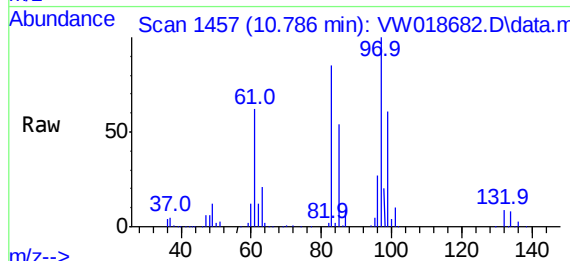




#45
1,1,2-Trichloroethane
Concen: 24.76 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

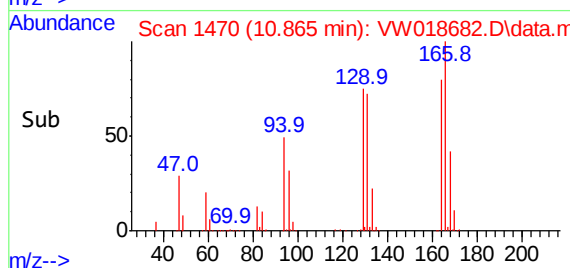
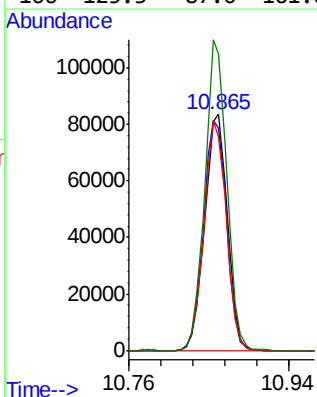
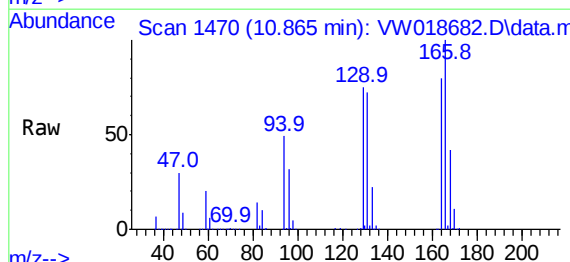
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

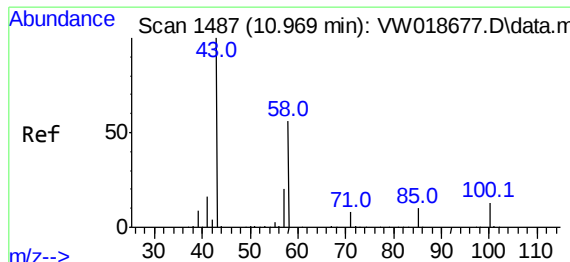
Tgt Ion: 97 Resp: 146386
Ion Ratio Lower Upper
97 100
99 60.5 45.1 83.7
83 85.3 58.1 107.9
85 53.9 37.3 69.3



#46
Tetrachloroethene
Concen: 25.64 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 164 Resp: 146853
Ion Ratio Lower Upper
164 100
129 94.1 66.7 123.9
131 90.6 61.1 113.5
166 125.3 87.0 161.6

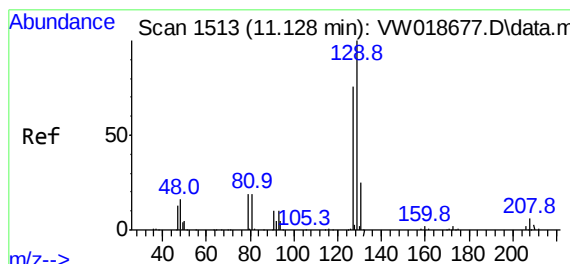
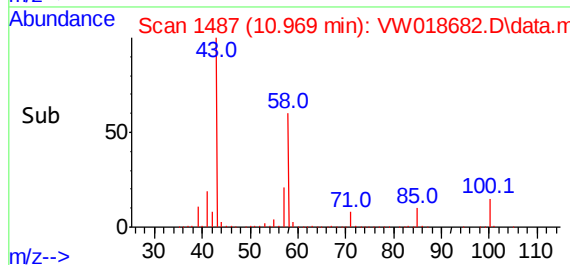
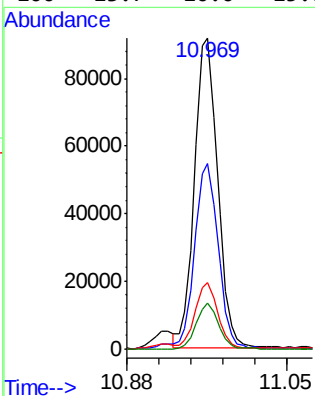
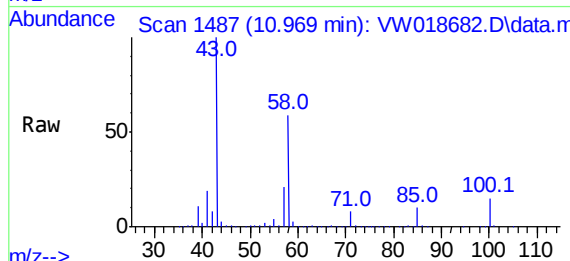




#48
2-Hexanone
Concen: 50.20 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

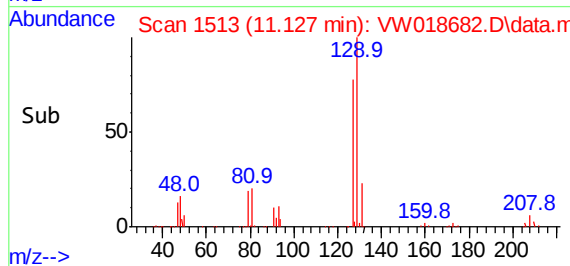
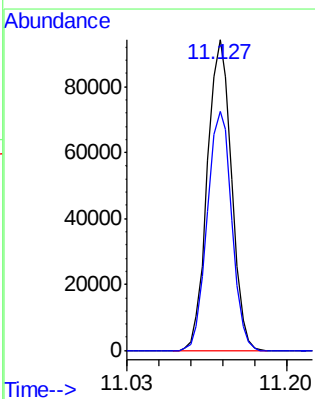
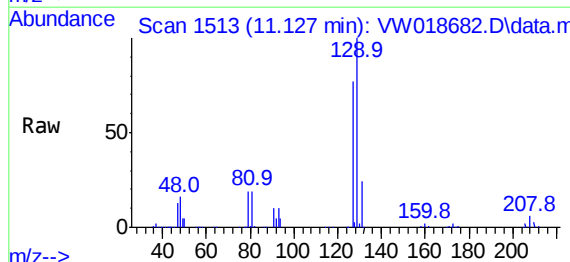
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

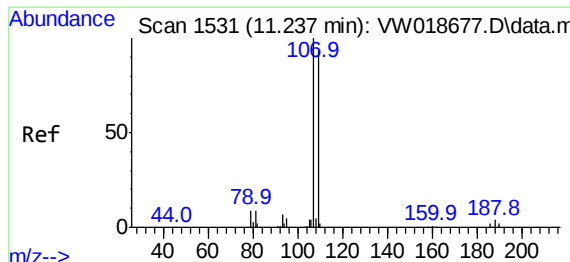
Tgt Ion: 43 Resp: 155341
Ion Ratio Lower Upper
43 100
58 58.4 42.7 64.1
57 21.0 15.8 23.8
100 13.7 10.0 15.0



#49
Dibromochloromethane
Concen: 25.99 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 129 Resp: 163709
Ion Ratio Lower Upper
129 100
127 76.9 51.7 95.9

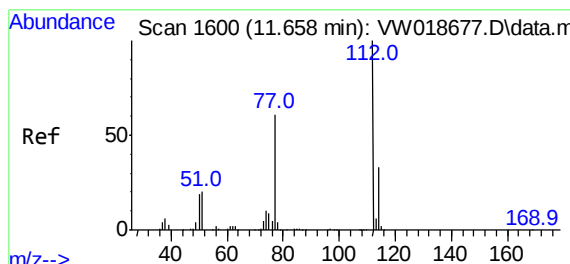
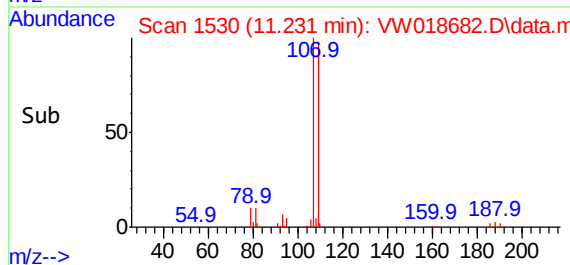
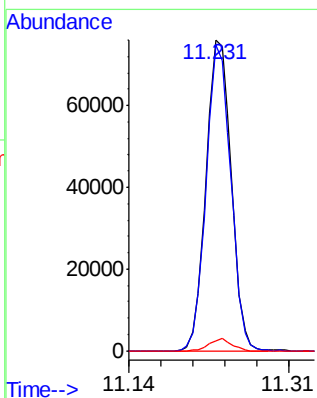
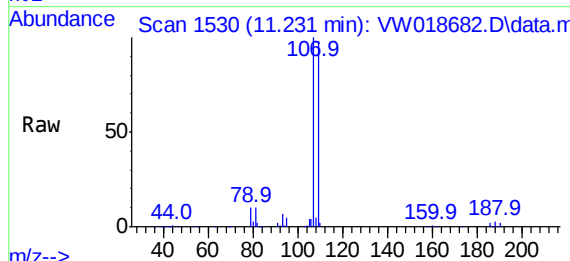




#50
1,2-Dibromoethane
Concen: 24.43 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

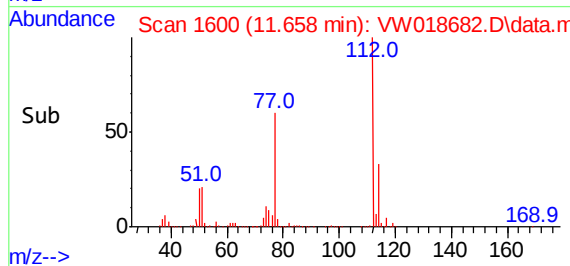
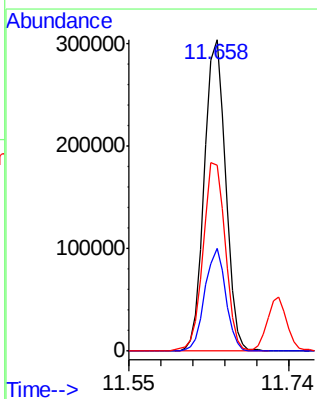
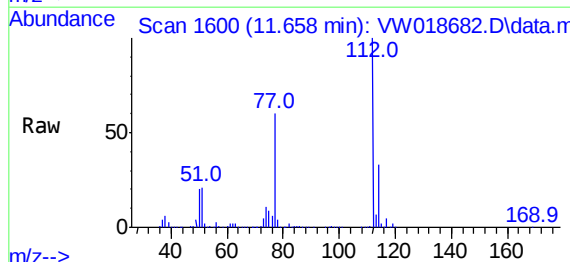
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

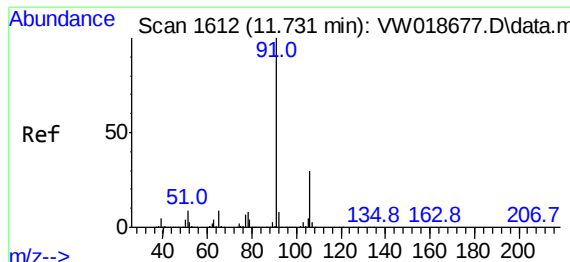
Tgt Ion:107 Resp: 137421
Ion Ratio Lower Upper
107 100
109 98.3 65.4 121.4
188 3.0 2.6 4.0



#51
Chlorobenzene
Concen: 24.45 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion:112 Resp: 508549
Ion Ratio Lower Upper
112 100
114 32.8 23.4 43.6
77 59.8 47.6 71.4





#52

Ethylbenzene

Concen: 25.21 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW018682.D

Acq: 20 Apr 2021 08:46

Tgt Ion: 91 Resp: 941079

Ion Ratio Lower Upper

91 100

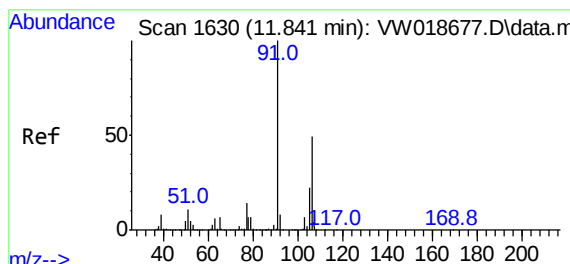
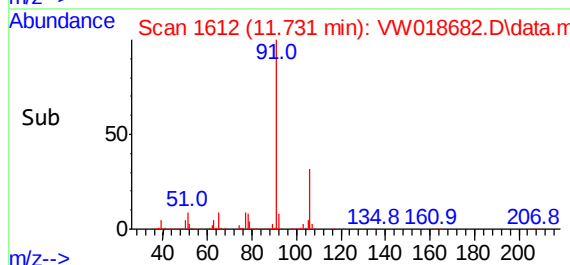
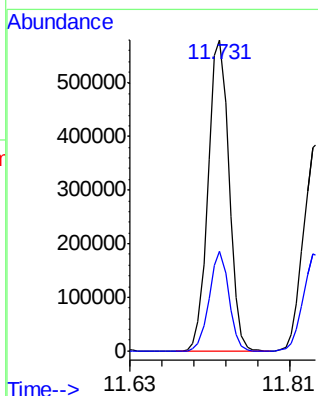
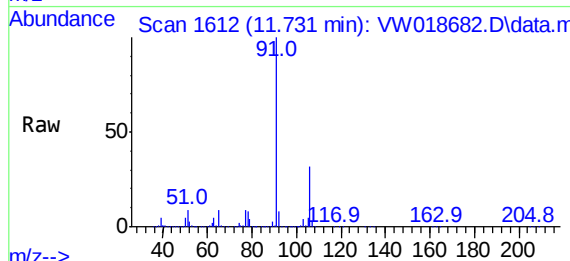
106 32.1 22.5 41.7

Instrument :

MSVOA_W

ClientSampleId :

VSTD025113



#53

m,p-Xylene

Concen: 25.12 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW018682.D

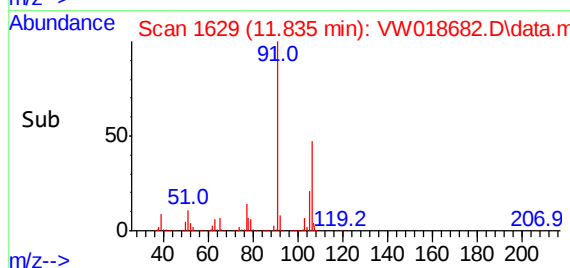
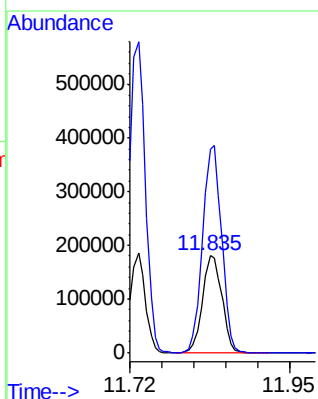
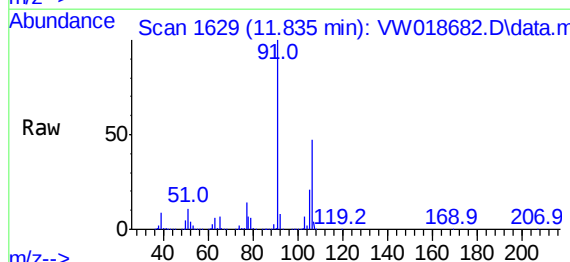
Acq: 20 Apr 2021 08:46

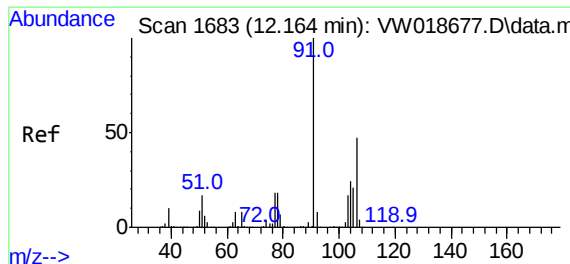
Tgt Ion: 106 Resp: 343953

Ion Ratio Lower Upper

106 100

91 210.8 141.3 262.3

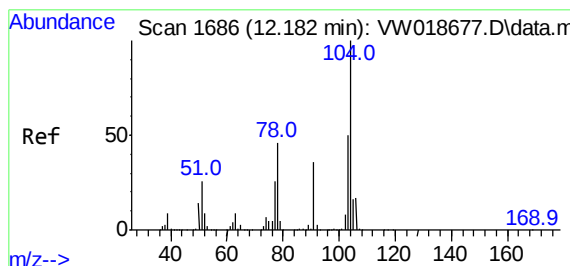
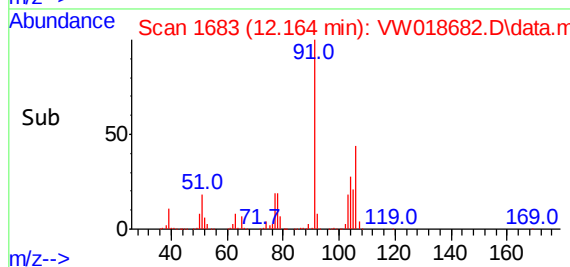
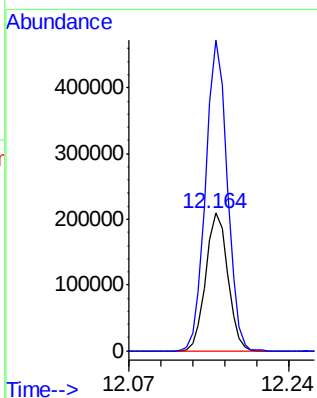
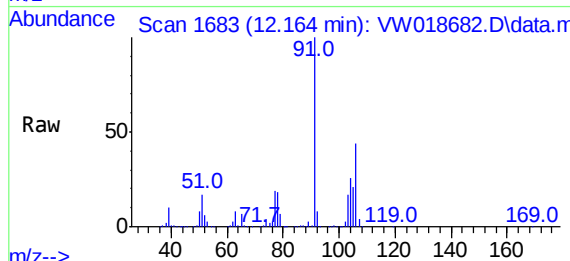




#54
o-Xylene
Concen: 25.27 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

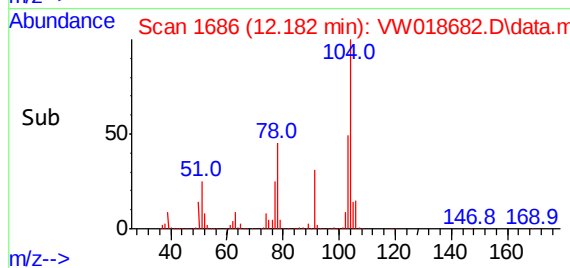
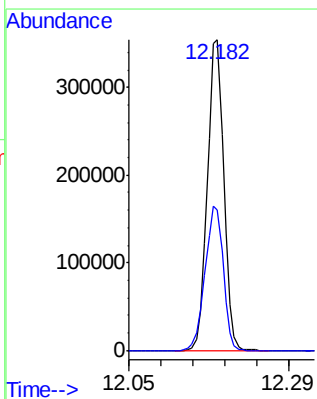
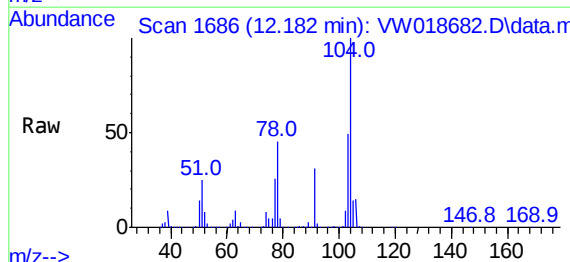
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

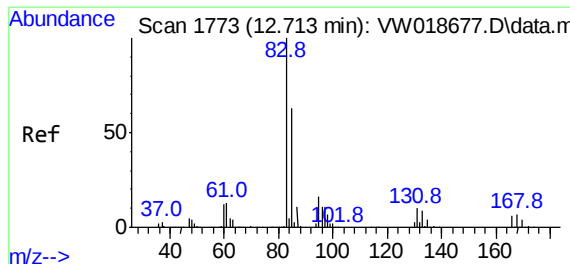
Tgt Ion:106 Resp: 332229
Ion Ratio Lower Upper
106 100
91 226.3 150.0 278.6



#55
Styrene
Concen: 25.55 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion:104 Resp: 580923
Ion Ratio Lower Upper
104 100
78 45.3 32.5 60.3

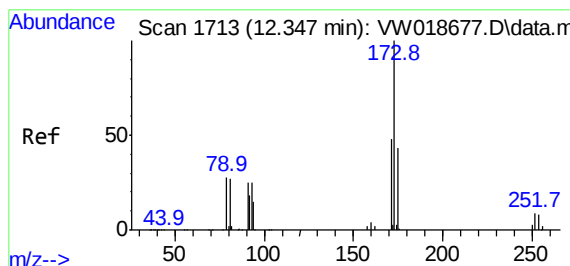
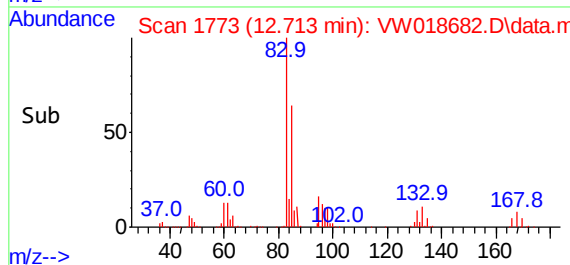
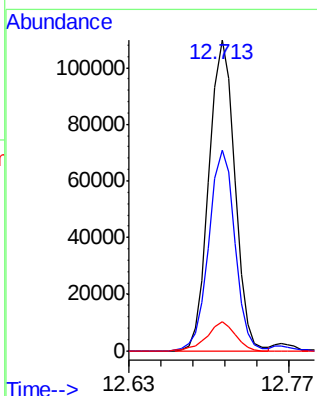
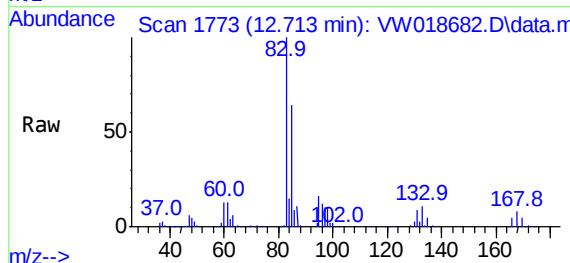




#57
1,1,2,2-Tetrachloroethane
Concen: 24.59 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

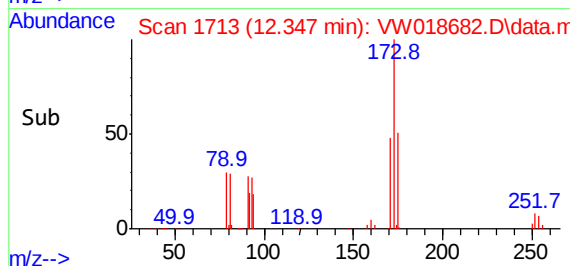
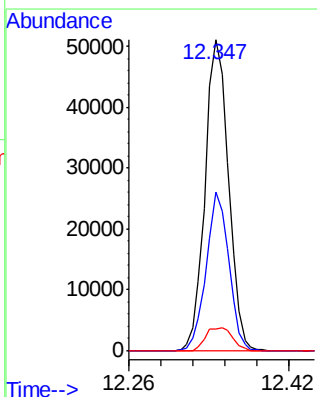
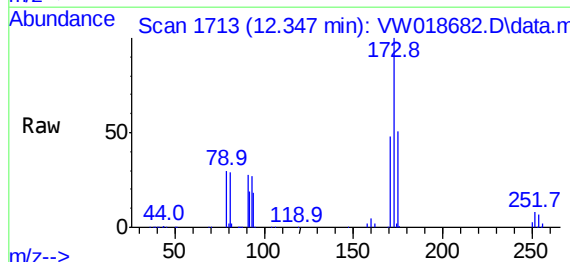
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

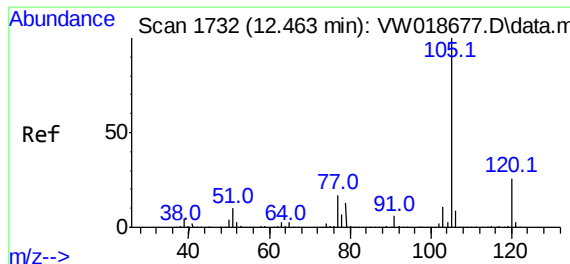
Tgt Ion: 83 Resp: 181024
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.4
131 9.3 8.2 12.4



#59
Bromoform
Concen: 24.01 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 173 Resp: 86038
Ion Ratio Lower Upper
173 100
175 49.0 37.5 56.3
254 8.3 7.0 10.4

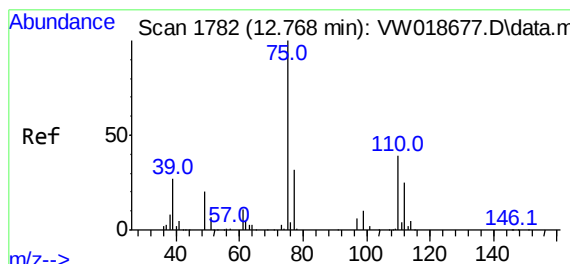
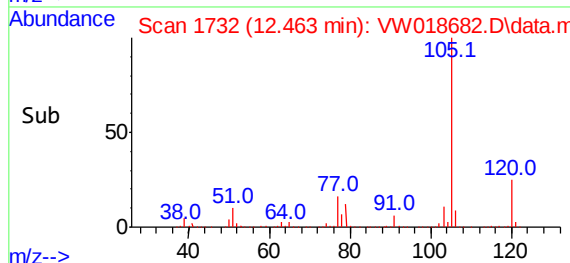
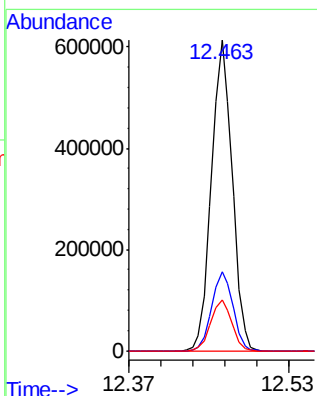
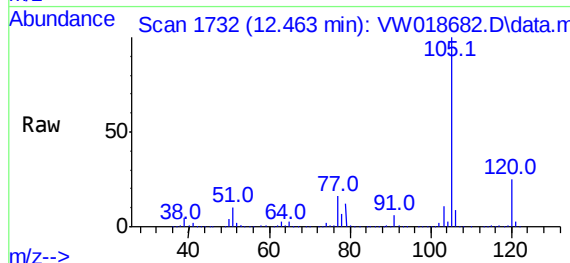




#60
Isopropylbenzene
Concen: 24.81 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

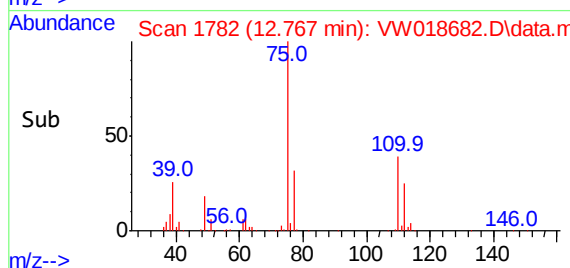
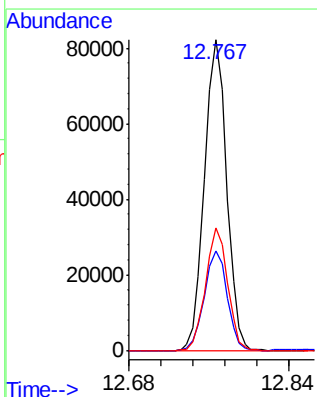
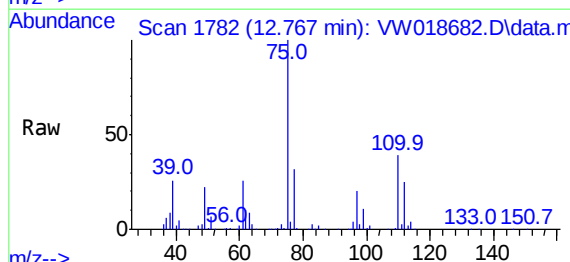
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

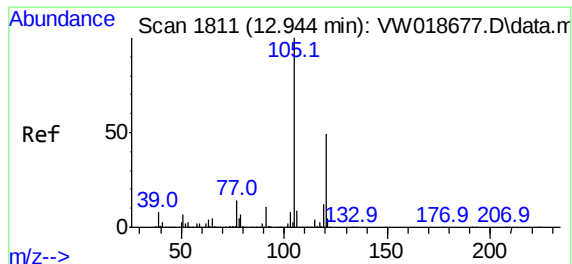
Tgt Ion: 105 Resp: 917169
Ion Ratio Lower Upper
105 100
120 25.9 21.1 31.7
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 22.92 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 75 Resp: 131588
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
110 38.9 32.6 48.8

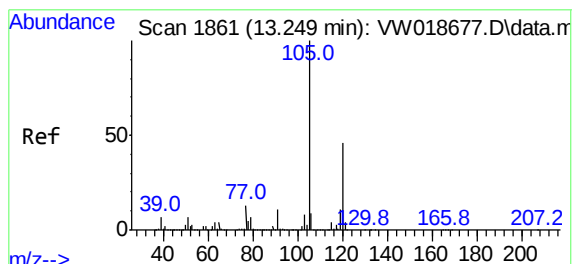
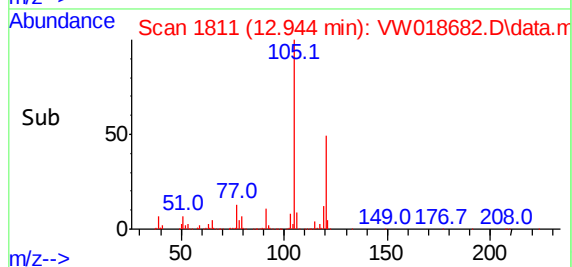
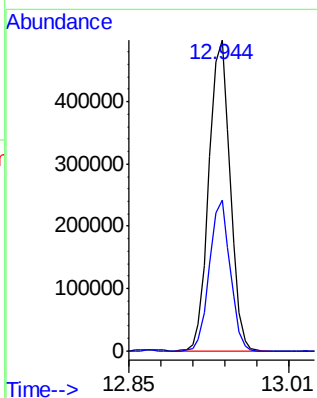
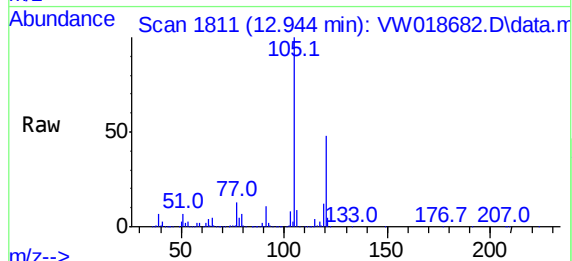




#62
1,3,5-Trimethylbenzene
Concen: 24.76 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

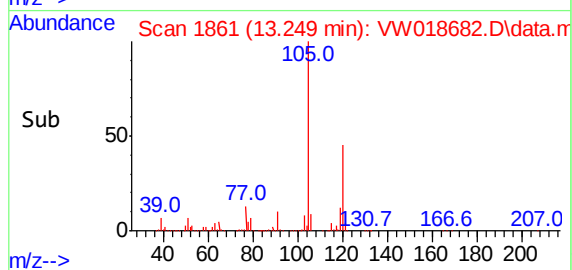
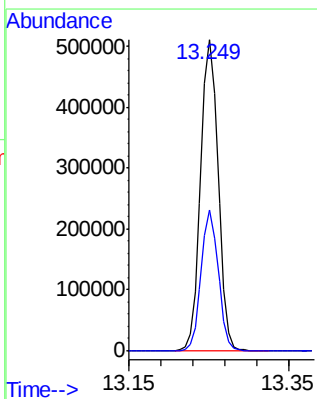
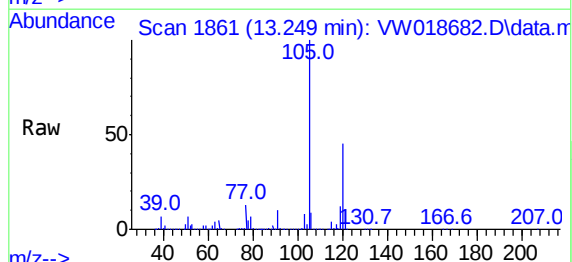
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

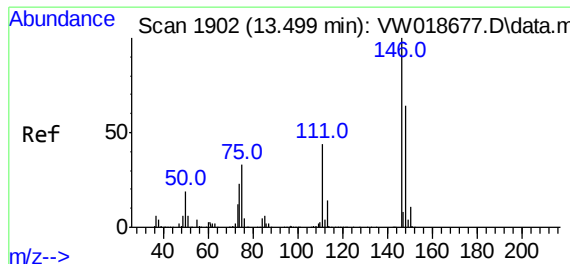
Tgt Ion:105 Resp: 758182
Ion Ratio Lower Upper
105 100
120 47.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 25.44 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion:105 Resp: 777190
Ion Ratio Lower Upper
105 100
120 43.9 35.6 53.4

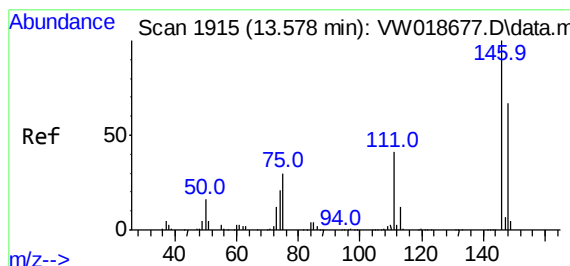
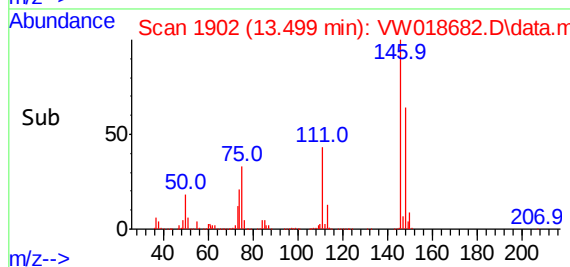
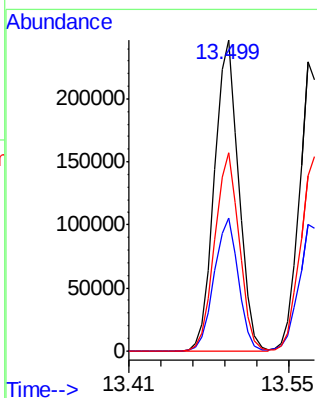
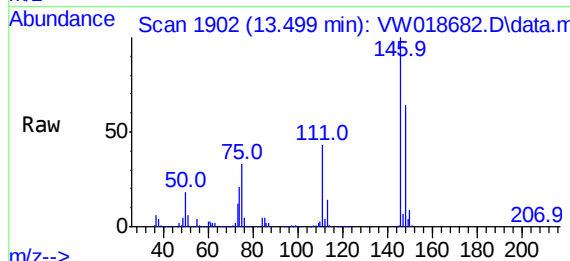




#64
1,3-Dichlorobenzene
Concen: 24.31 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

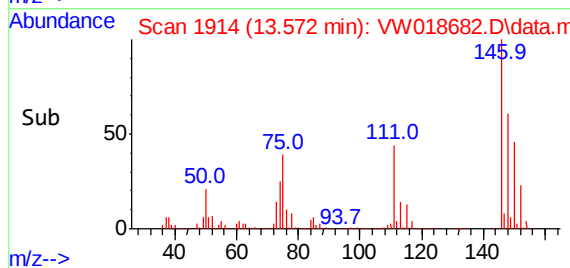
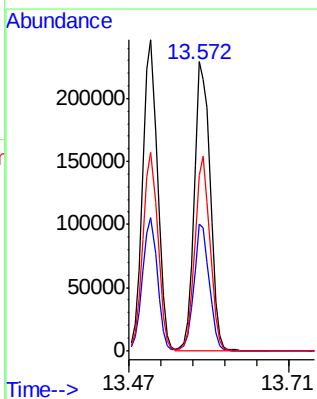
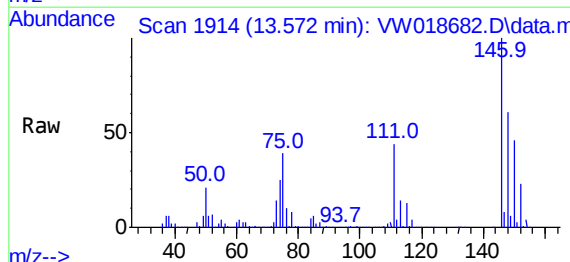
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

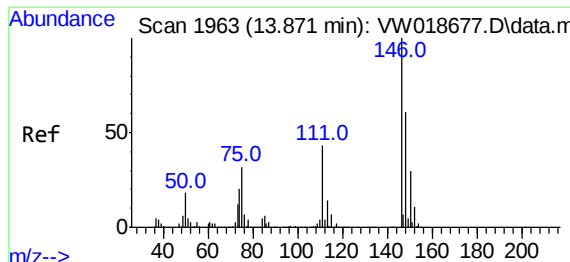
Tgt Ion:146 Resp: 380784
Ion Ratio Lower Upper
146 100
111 42.6 26.7 49.7
148 63.6 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 23.96 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion:146 Resp: 379636
Ion Ratio Lower Upper
146 100
111 43.5 28.8 53.4
148 60.7 46.8 87.0

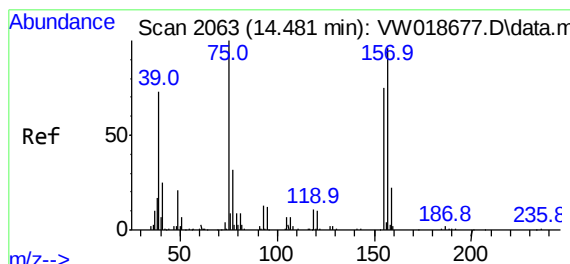
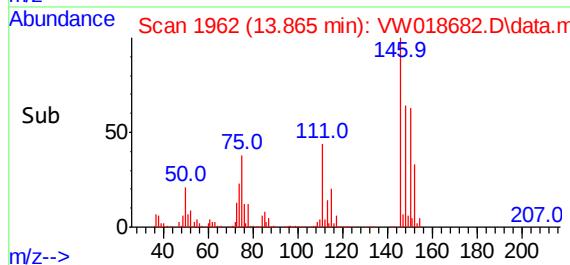
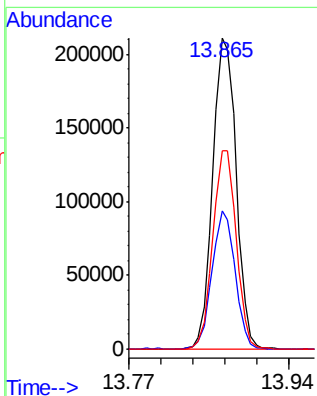
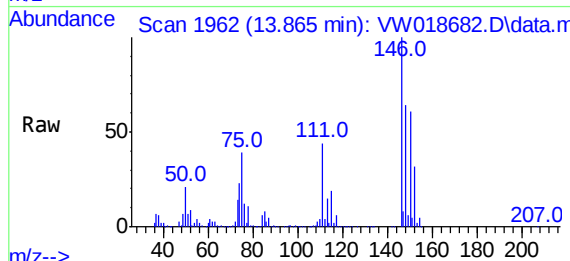




#67
1,2-Dichlorobenzene
Concen: 24.64 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

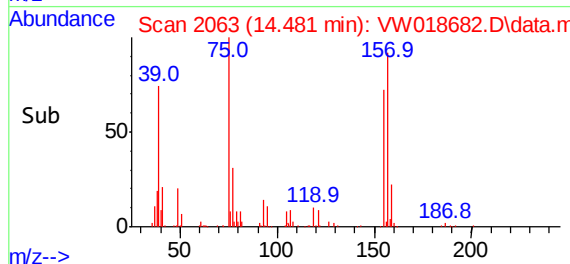
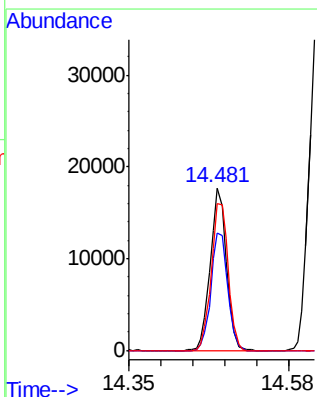
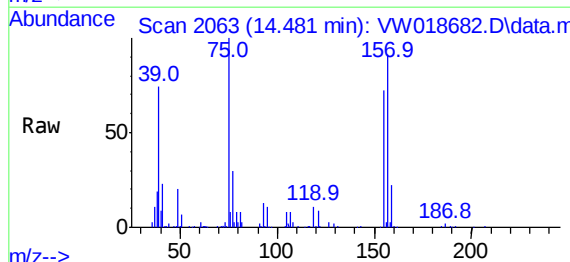
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

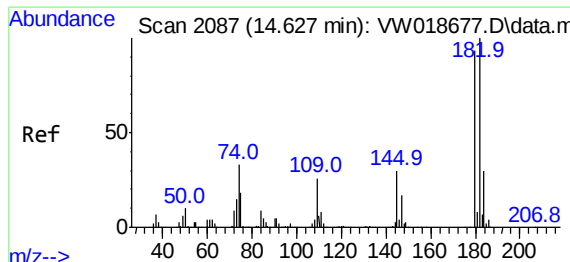
Tgt Ion:146 Resp: 355012
Ion Ratio Lower Upper
146 100
111 44.4 33.2 49.8
148 63.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.97 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion: 75 Resp: 28605
Ion Ratio Lower Upper
75 100
155 72.0 59.4 89.0
157 90.7 72.2 108.2

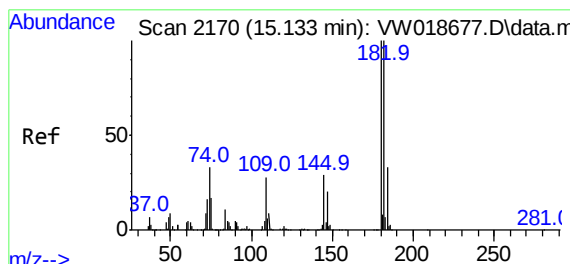
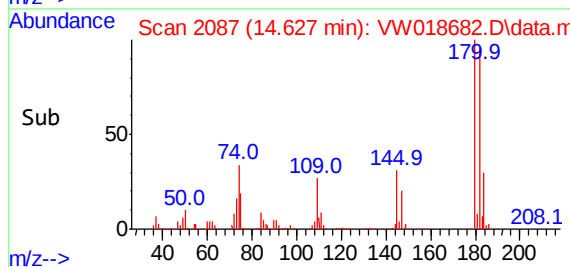
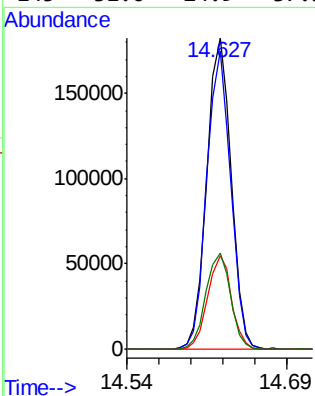
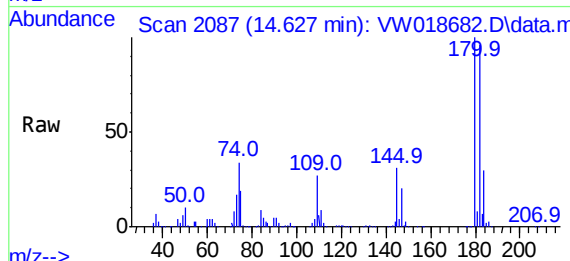




#69
1,3,5-Trichlorobenzene
Concen: 25.15 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

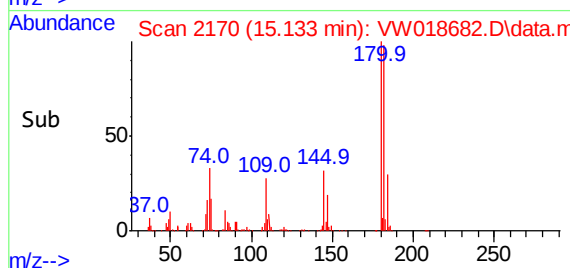
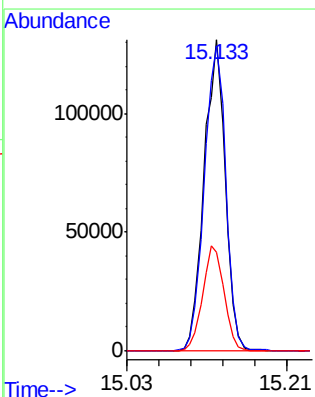
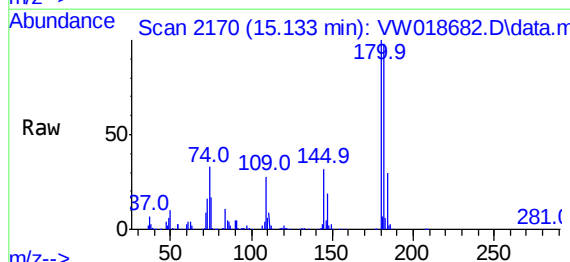
Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

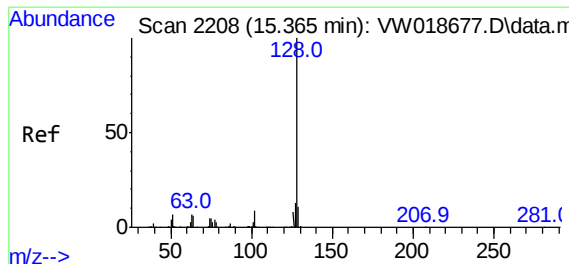
Tgt Ion:180 Resp: 281280
Ion Ratio Lower Upper
180 100
182 94.1 73.4 110.2
184 29.3 23.6 35.4
145 31.0 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 23.52 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion:180 Resp: 214134
Ion Ratio Lower Upper
180 100
182 100.1 74.7 112.1
145 34.0 25.0 37.4

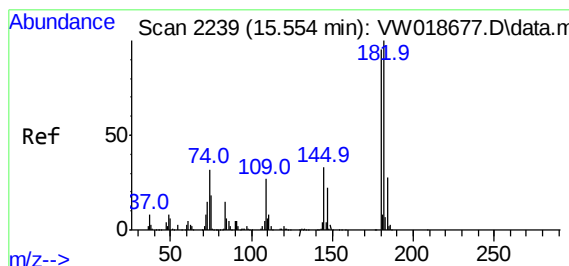
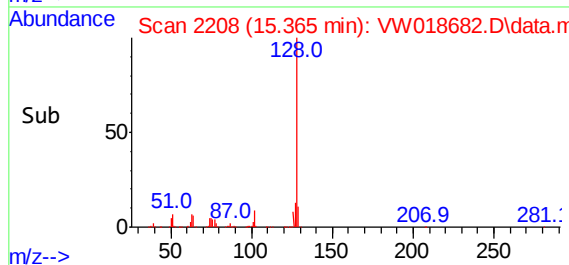
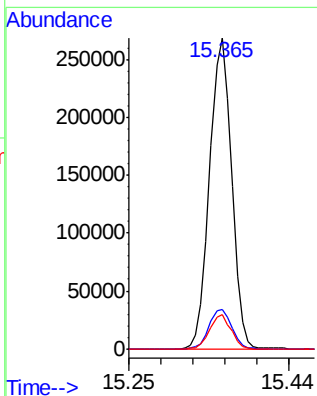
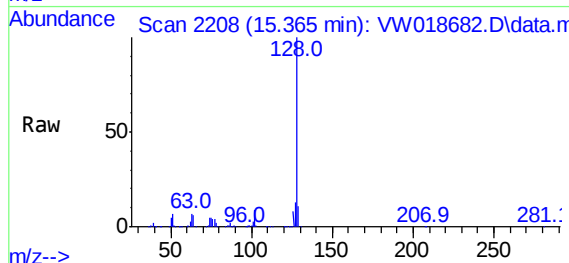




#71
Naphthalene
Concen: 24.57 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025113

Tgt Ion:128 Resp: 471282
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.6 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.38 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018682.D
Acq: 20 Apr 2021 08:46

Tgt Ion:180 Resp: 195890
Ion Ratio Lower Upper
180 100
182 97.2 76.7 115.1
145 34.3 28.9 43.3

