

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031621\
 Data File : VW020618.D
 Acq On : 16 Mar 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Mar 17 01:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 16 03:42:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	478626	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	474476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	246643	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	158427	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.571	69	132389	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.72%
11) 1,1-Dichloroethene-d2	2.111	63	317216	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
21) 2-Butanone-d5	3.886	46	240720	97.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.15%
24) Chloroform-d	4.349	84	304189	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
26) 1,2-Dichloroethane-d4	5.034	65	201567	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
32) Benzene-d6	5.053	84	591954	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
36) 1,2-Dichloropropane-d6	6.072	67	192918	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.00%
41) Toluene-d8	7.317	98	531554	45.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.24%
43) trans-1,3-Dichloroprop...	7.622	79	91689	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.54%
47) 2-Hexanone-d5	8.091	63	157587	100.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	255409	48.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.46%
64) 1,2-Dichlorobenzene-d4	11.631	152	208719	43.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.34%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	176466	44.66	ug/L	99
3) Chloromethane	1.243	50	211730	46.32	ug/L	100
5) Vinyl chloride	1.314	62	211817	46.22	ug/L	98
6) Bromomethane	1.526	94	125429	46.46	ug/L	98
8) Chloroethane	1.587	64	126820	45.60	ug/L	98
9) Trichlorofluoromethane	1.754	101	283901	46.48	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	155017	46.55	ug/L	99
12) 1,1-Dichloroethene	2.121	96	146872	45.46	ug/L	85
13) Acetone	2.182	43	178382	88.14	ug/L	97
14) Carbon disulfide	2.297	76	449929	45.92	ug/L	100
15) Methyl Acetate	2.436	43	197694	51.00	ug/L	96
16) Methylene chloride	2.510	84	171421	45.79	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	159584	46.23	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	495807	47.23	ug/L	99
19) 1,1-Dichloroethane	3.191	63	311195	47.25	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	170262	47.78	ug/L	# 96
22) 2-Butanone	3.969	43	269792	96.37	ug/L	93
23) Bromochloromethane	4.249	128	84856	47.73	ug/L	93
25) Chloroform	4.378	83	324495	47.17	ug/L	95
27) 1,2-Dichloroethane	5.133	62	252741	46.51	ug/L	100

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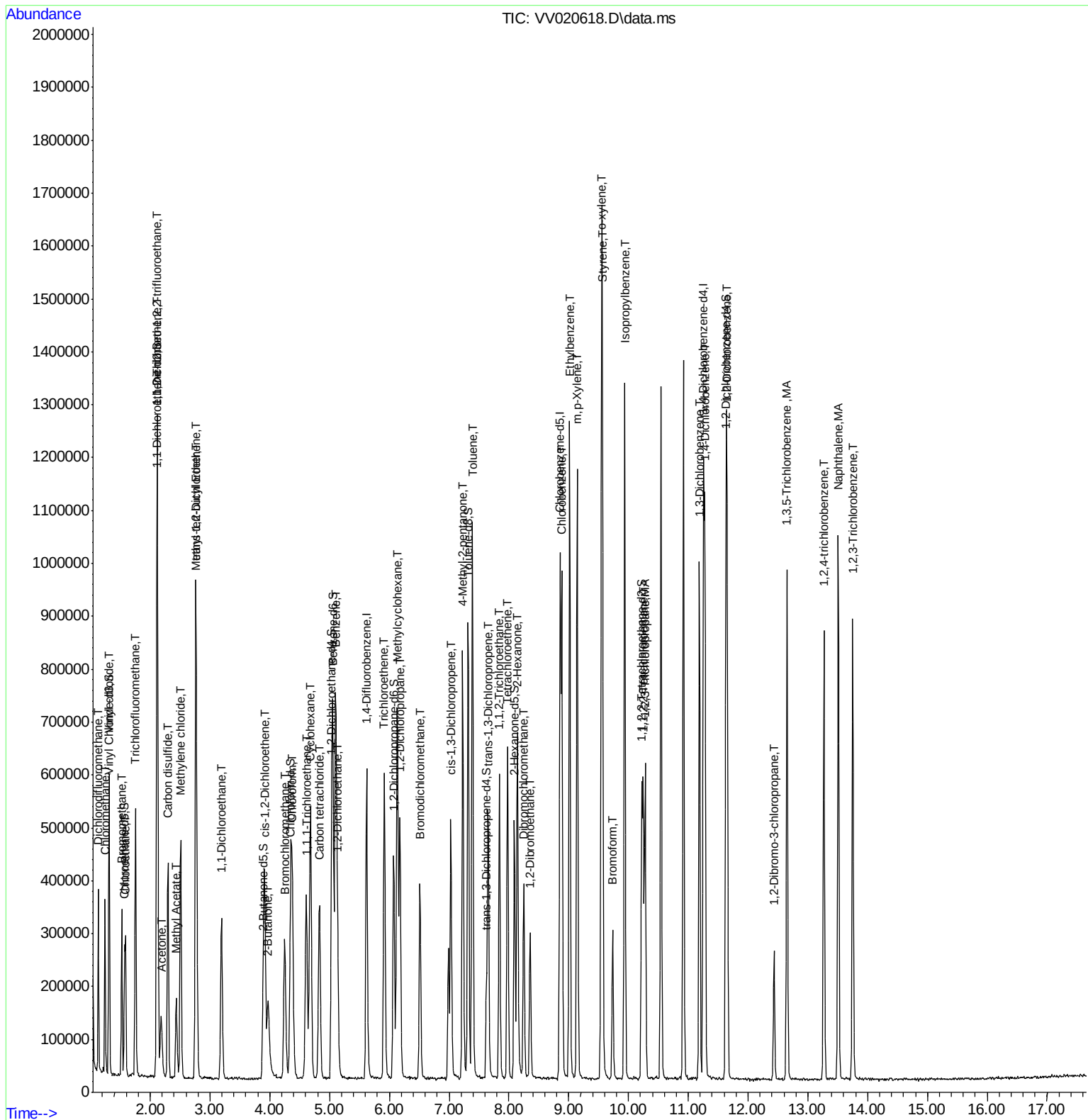
Instrument :
 MSVOA_V
 ClientSampleId :
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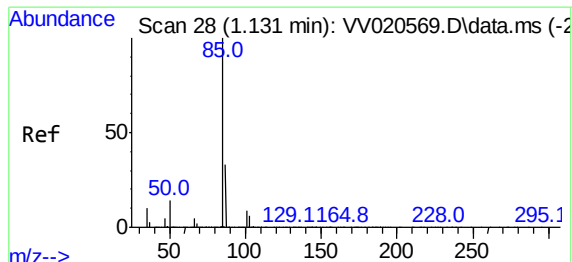
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	274335	47.21	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	266051	46.39	ug/L	100
31) Carbon tetrachloride	4.831	117	223036	47.87	ug/L	98
33) Benzene	5.101	78	683685	47.75	ug/L	100
34) Trichloroethene	5.915	95	189011	46.79	ug/L	99
35) Methylcyclohexane	6.133	83	270767	48.77	ug/L	99
37) 1,2-Dichloropropane	6.175	63	183885	49.19	ug/L	99
38) Bromodichloromethane	6.513	83	232579	47.25	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	258561	46.63	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	553915	98.53	ug/L	96
42) Toluene	7.390	91	731385	48.94	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	264773	48.58	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	170087	48.83	ug/L	98
46) Tetrachloroethene	7.976	164	125312	48.35	ug/L	97
48) 2-Hexanone	8.140	43	430886	98.13	ug/L	96
49) Dibromochloromethane	8.249	129	170983	47.15	ug/L	98
50) 1,2-Dibromoethane	8.355	107	174148	46.68	ug/L	99
51) Chlorobenzene	8.886	112	455464	47.11	ug/L	97
52) Ethylbenzene	9.014	91	818622	48.38	ug/L	99
53) m,p-Xylene	9.140	106	298394	48.29	ug/L	97
54) o-xylene	9.548	106	290705	48.60	ug/L	96
55) Styrene	9.564	104	524560	50.22	ug/L	95
56) Isopropylbenzene	9.937	105	785207	48.52	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	255612	49.41	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	224931	47.48	ug/L	100
61) Bromoform	9.734	173	112559	46.05	ug/L	98
62) 1,3-Dichlorobenzene	11.185	146	362198	46.24	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	373548	45.69	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	360845	46.28	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	56078	47.63	ug/L	97
67) 1,3,5-Trichlorobenzene	12.651	180	258118	46.27	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	222664	45.98	ug/L	98
69) Naphthalene	13.509	128	721469	45.82	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	225737	47.02	ug/L	99

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

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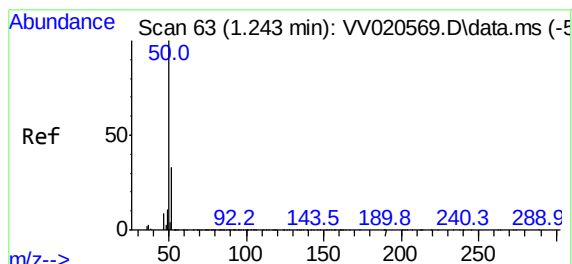
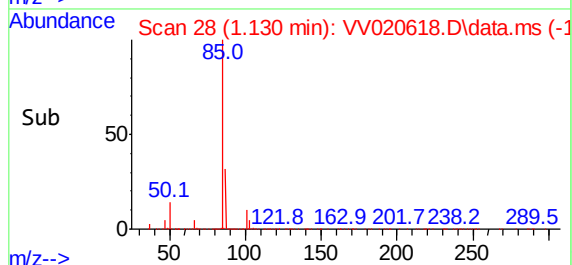
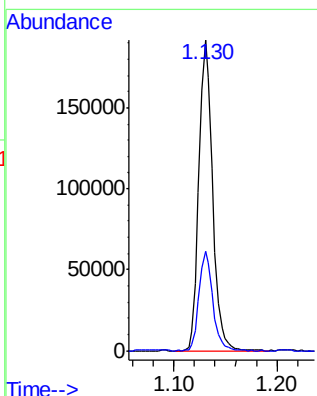
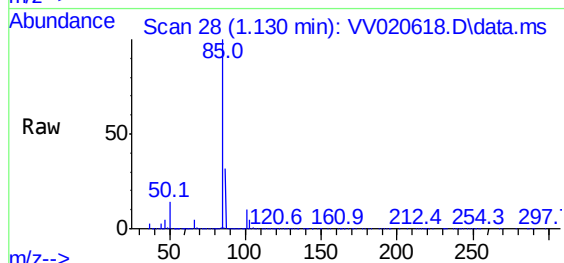




#2
Dichlorodifluoromethane
Concen: 44.66 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

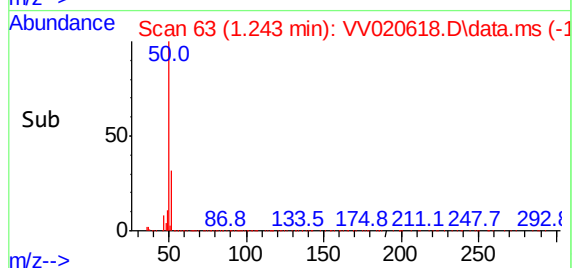
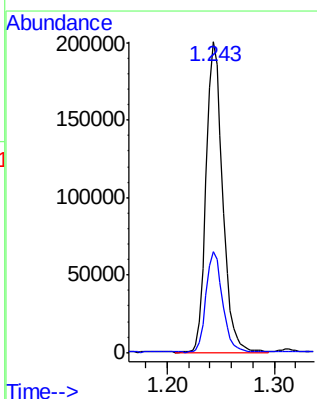
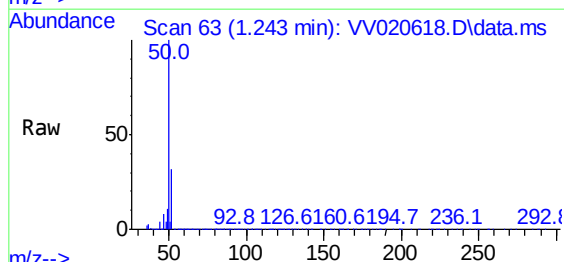
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VSTD05078

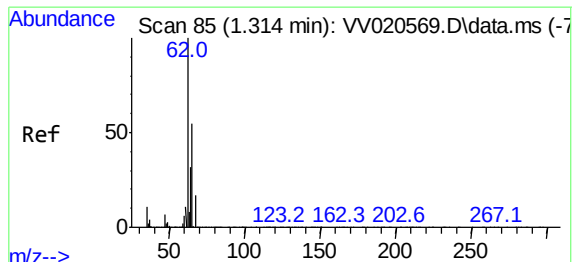
Tgt Ion: 85 Resp: 176466
Ion Ratio Lower Upper
85 100
87 31.8 25.9 38.9



#3
Chloromethane
Concen: 46.32 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 50 Resp: 211730
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

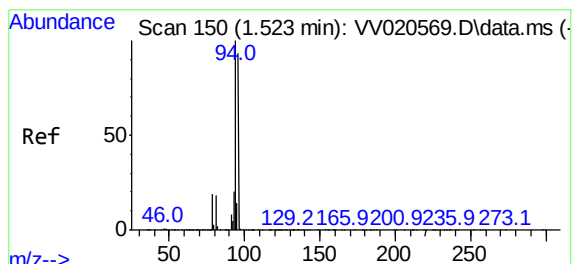
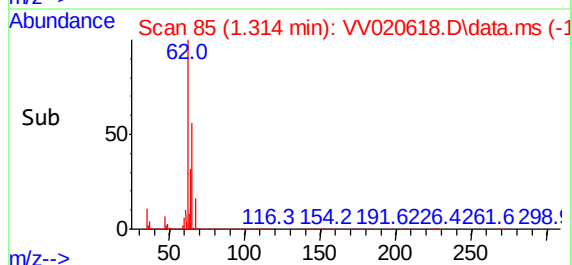
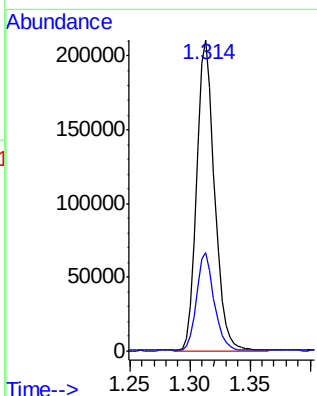
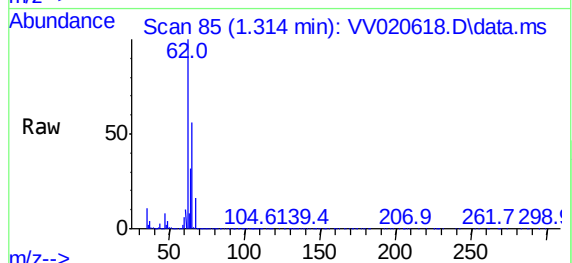




#5
 Vinyl chloride
 Concen: 46.22 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020618.D
 Acq: 16 Mar 2021 09:46

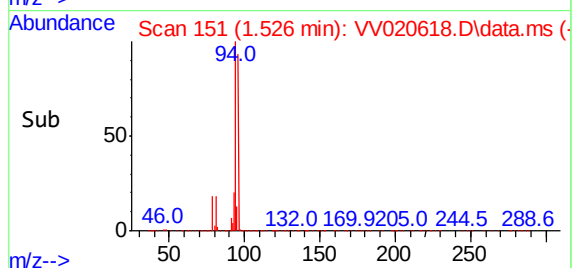
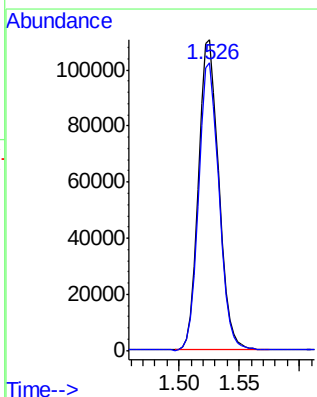
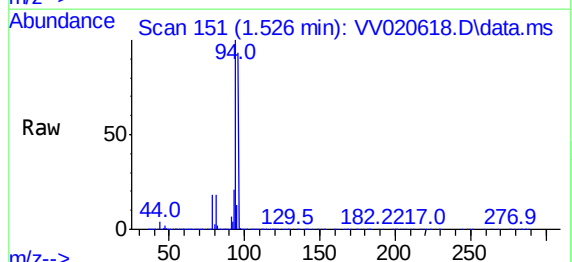
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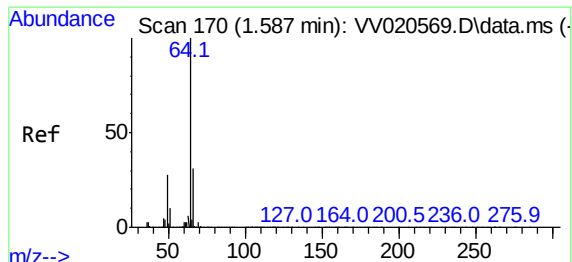
Tgt Ion: 62 Resp: 211817
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.0 42.6



#6
 Bromomethane
 Concen: 46.46 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020618.D
 Acq: 16 Mar 2021 09:46

Tgt Ion: 94 Resp: 125429
 Ion Ratio Lower Upper
 94 100
 96 92.8 63.6 118.2

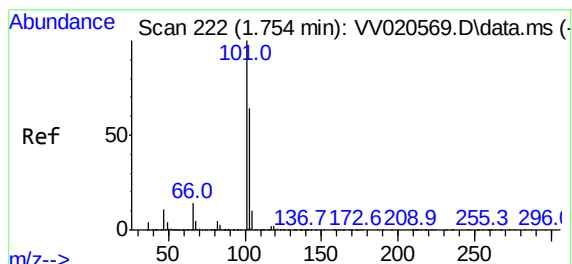
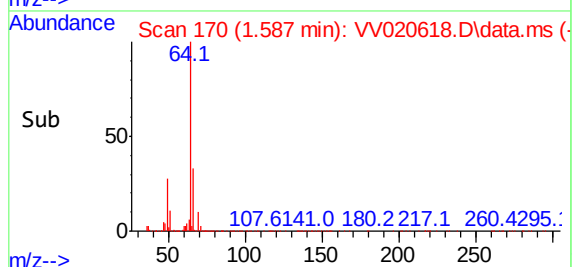
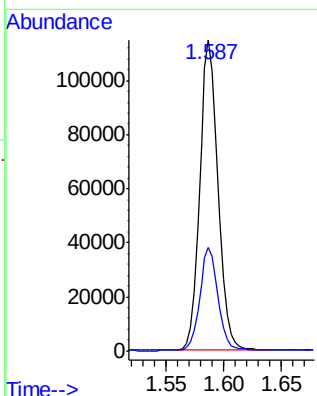
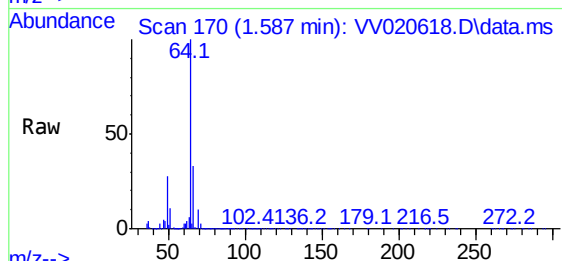




#8
Chloroethane
Concen: 45.60 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

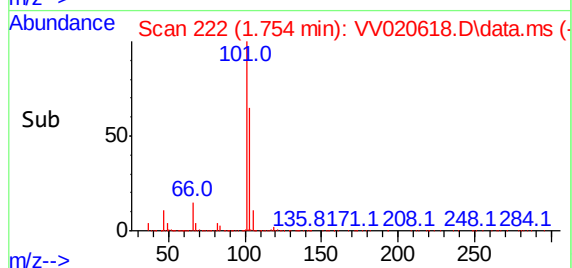
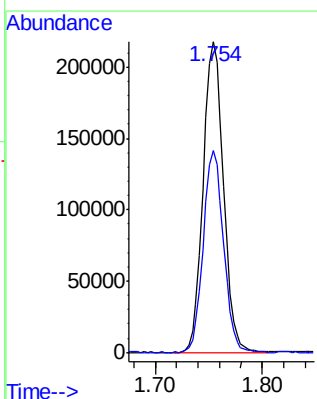
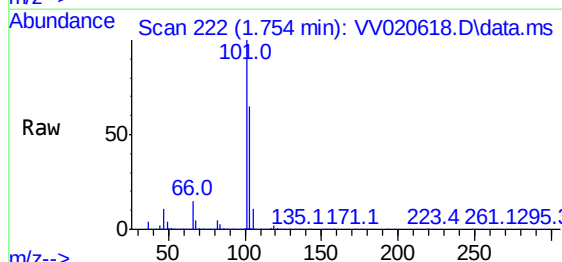
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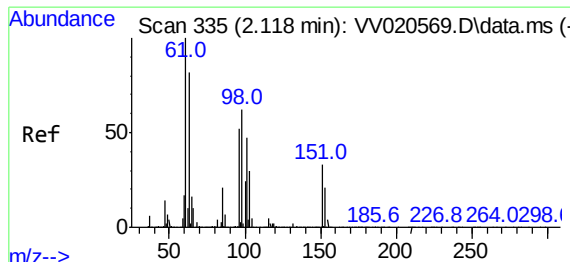
Tgt Ion: 64 Resp: 126820
Ion Ratio Lower Upper
64 100
66 33.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 46.48 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 101 Resp: 283901
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

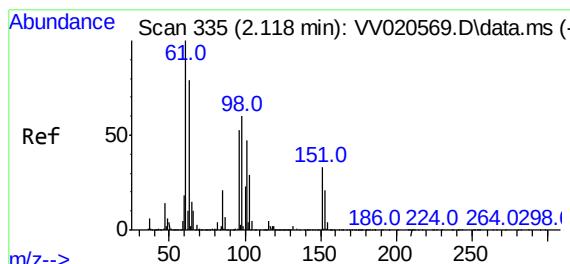
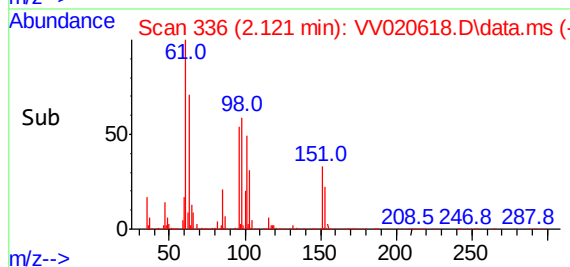
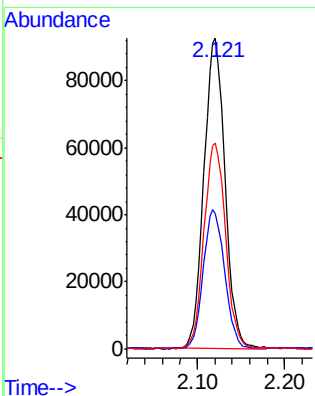
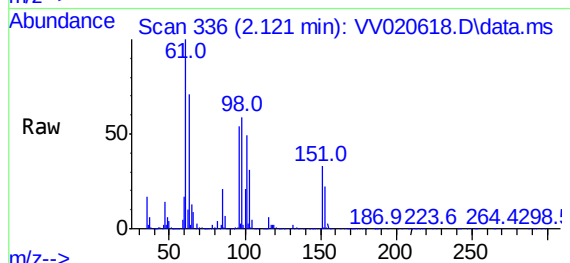




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.55 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

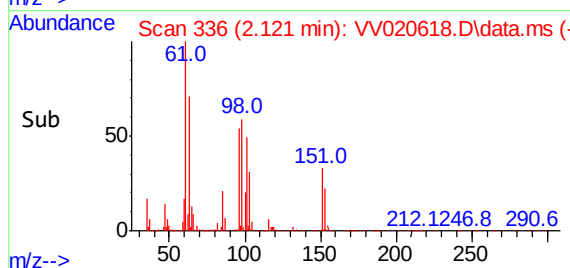
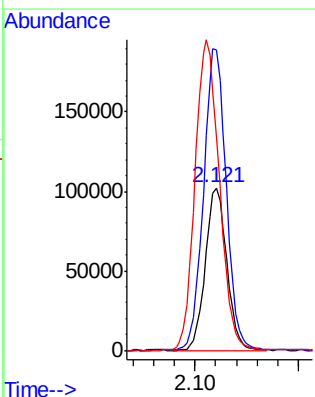
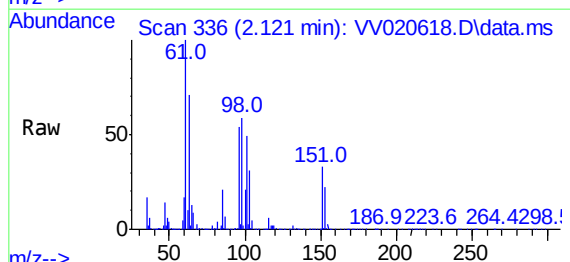
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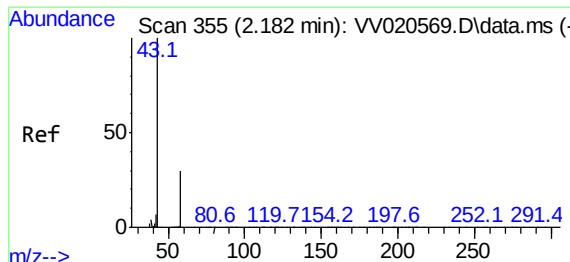
Tgt Ion:101 Resp: 155017
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 68.0 53.6 80.4



#12
1,1-Dichloroethene
Concen: 45.46 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 96 Resp: 146872
Ion Ratio Lower Upper
96 100
61 185.3 134.9 250.5
63 131.2 117.6 218.4

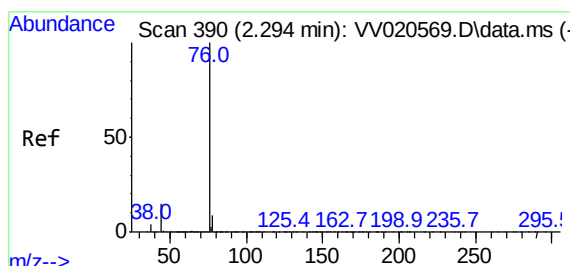
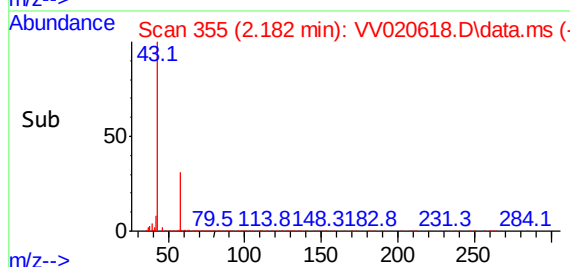
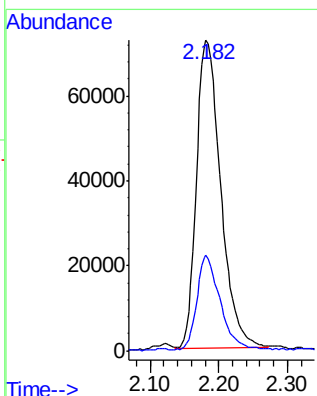
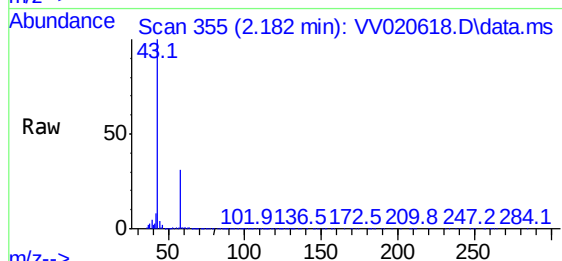




#13
Acetone
Concen: 88.14 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.009 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

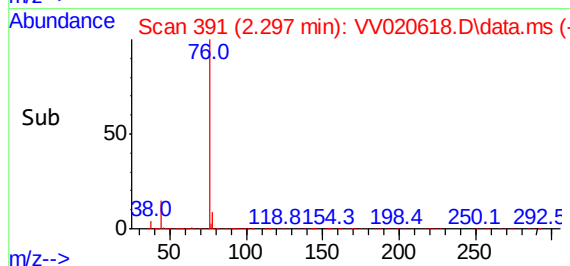
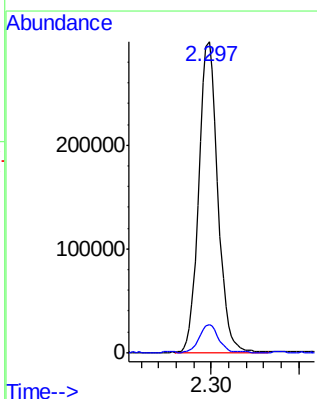
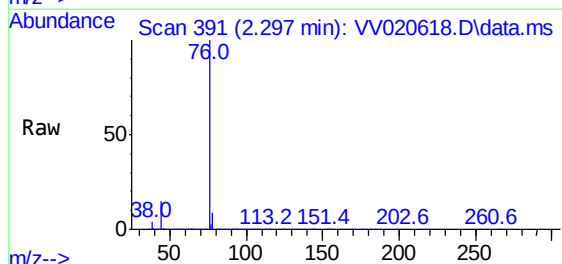
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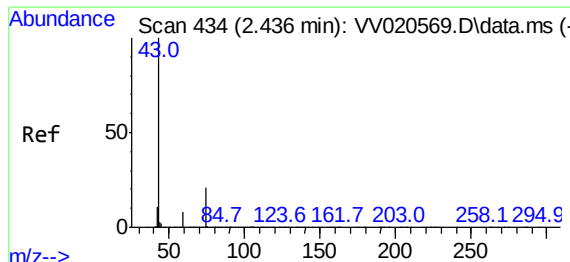
Tgt Ion: 43 Resp: 178382
Ion Ratio Lower Upper
43 100
58 28.5 0.0 60.2



#14
Carbon disulfide
Concen: 45.92 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 76 Resp: 449929
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

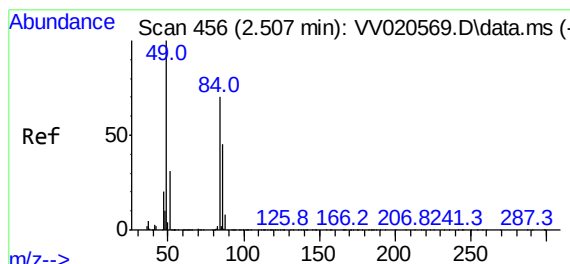
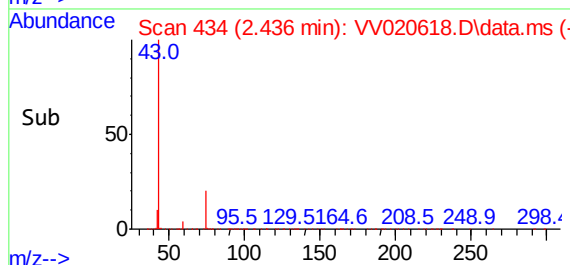
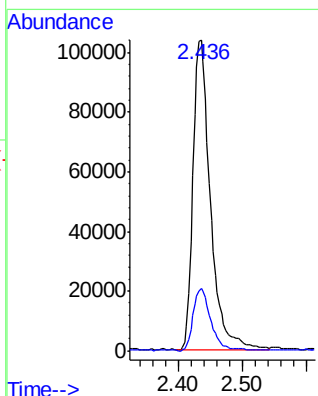
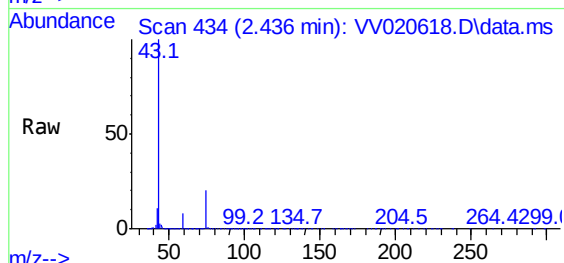




#15
Methyl Acetate
Concen: 51.00 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

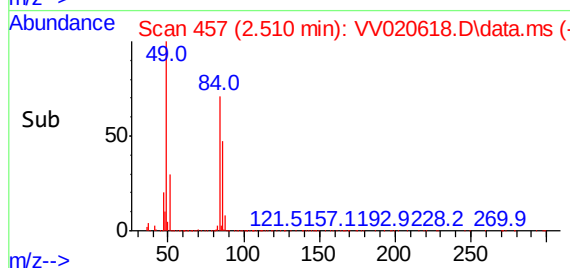
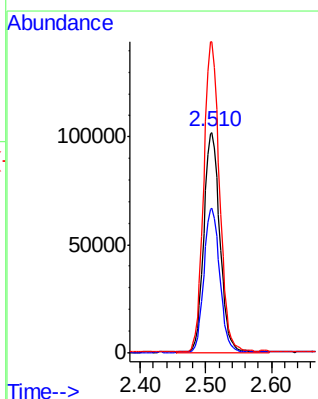
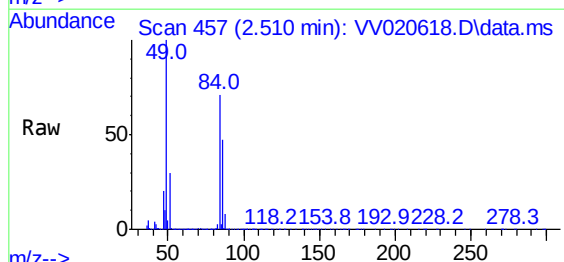
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

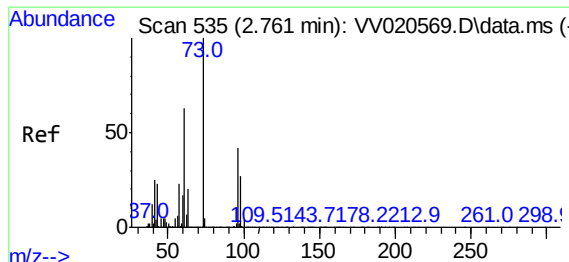
Tgt Ion: 43 Resp: 197694
Ion Ratio Lower Upper
43 100
74 19.9 17.6 26.4



#16
Methylene chloride
Concen: 45.79 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 84 Resp: 171421
Ion Ratio Lower Upper
84 100
86 65.8 44.6 82.8
49 141.2 94.6 175.8

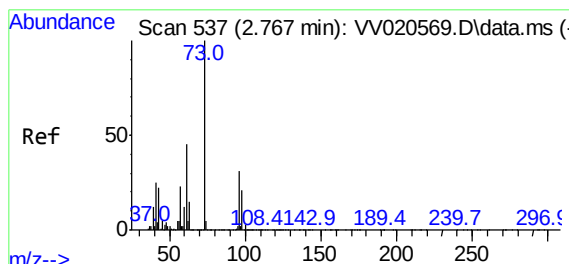
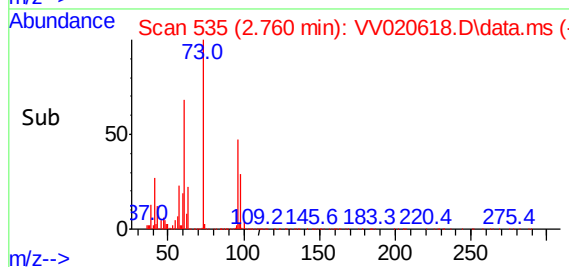
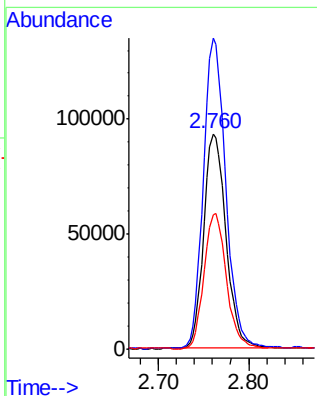
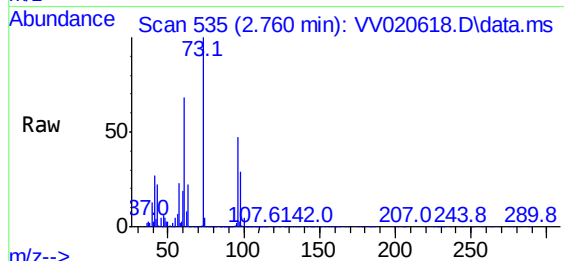




#17
trans-1,2-Dichloroethene
Concen: 46.23 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

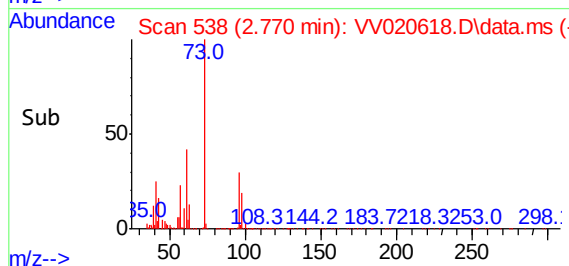
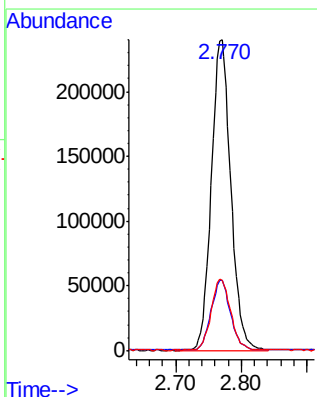
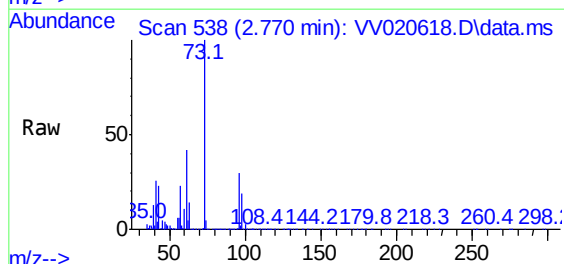
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

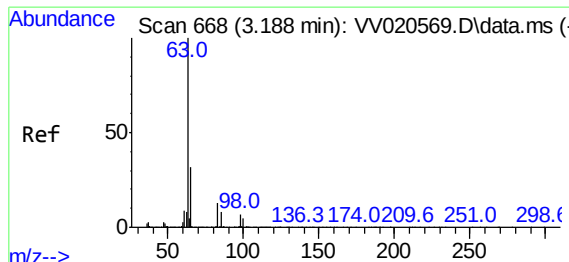
Tgt Ion: 96 Resp: 159584
Ion Ratio Lower Upper
96 100
61 144.3 103.1 191.5
98 62.4 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 47.23 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 73 Resp: 495807
Ion Ratio Lower Upper
73 100
43 22.4 17.3 25.9
57 22.8 17.9 26.9

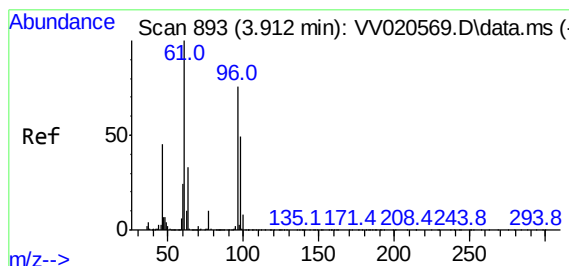
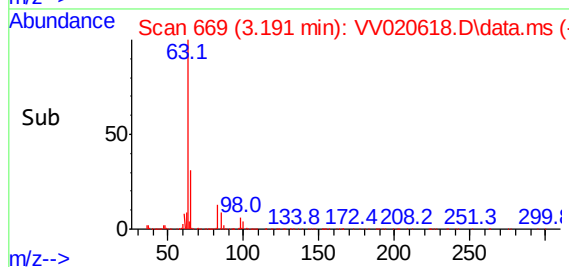
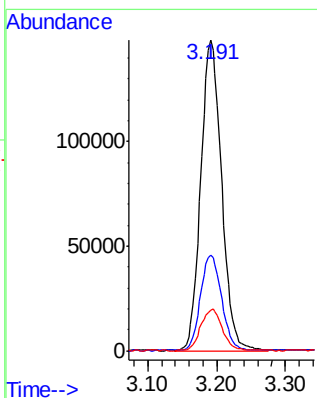
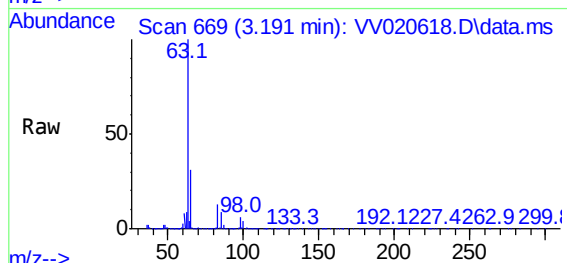




#19
1,1-Dichloroethane
Concen: 47.25 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

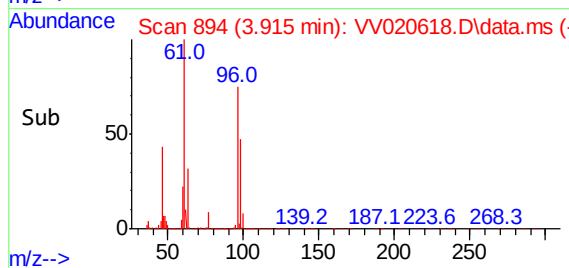
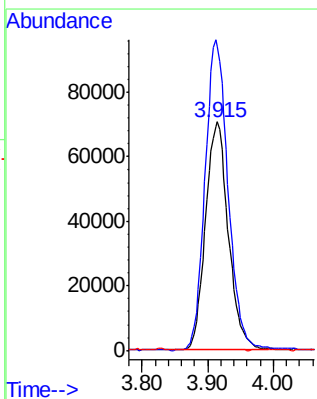
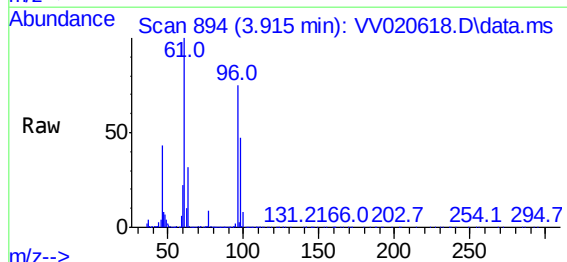
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

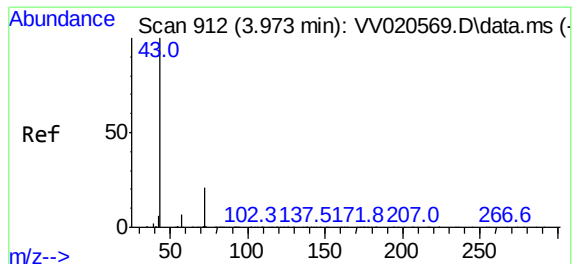
Tgt Ion: 63 Resp: 311195
Ion Ratio Lower Upper
63 100
65 30.7 21.9 40.7
83 13.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 47.78 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 96 Resp: 170262
Ion Ratio Lower Upper
96 100
61 133.3 96.9 179.9
68 0.3 0.0 0.0#

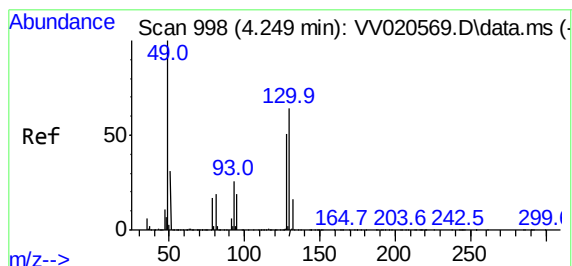
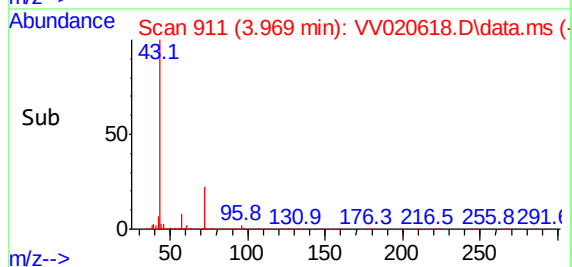
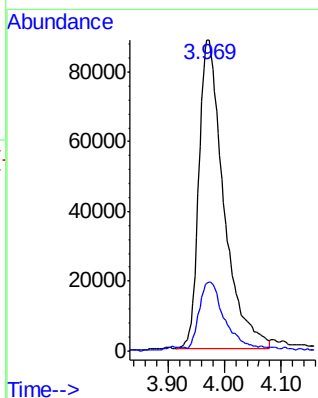
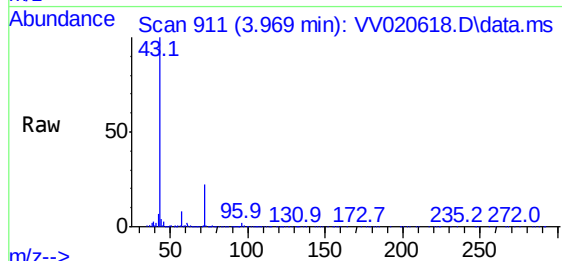




#22
2-Butanone
Concen: 96.37 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.009 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

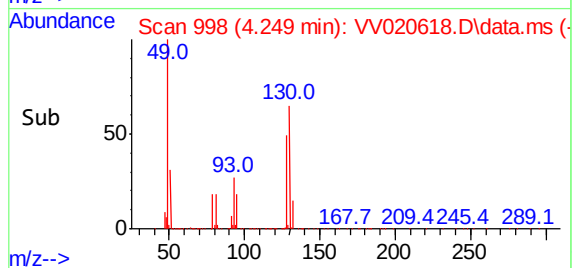
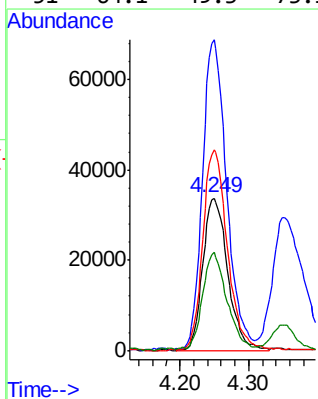
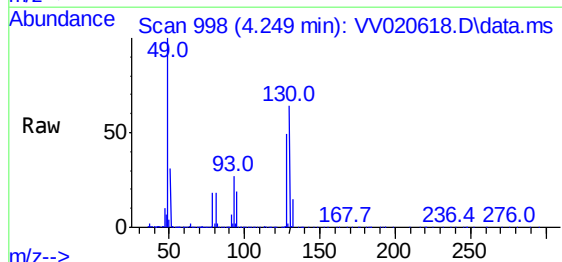
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

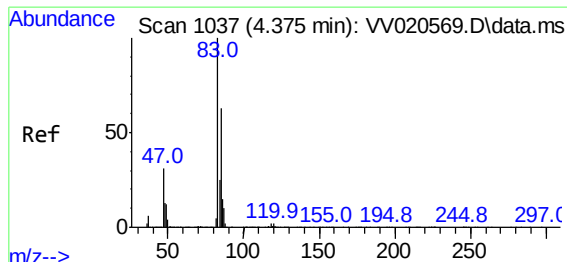
Tgt Ion: 43 Resp: 269792
Ion Ratio Lower Upper
43 100
72 20.9 12.2 36.6



#23
Bromochloromethane
Concen: 47.73 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 128 Resp: 84856
Ion Ratio Lower Upper
128 100
49 204.0 133.1 247.1
130 131.4 89.0 165.4
51 64.1 49.3 73.9

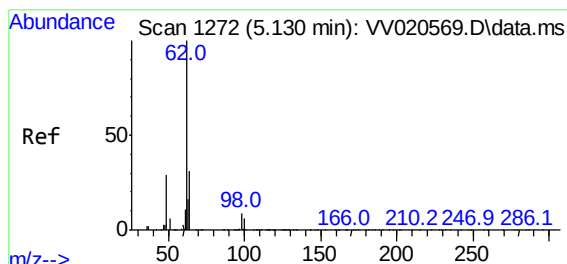
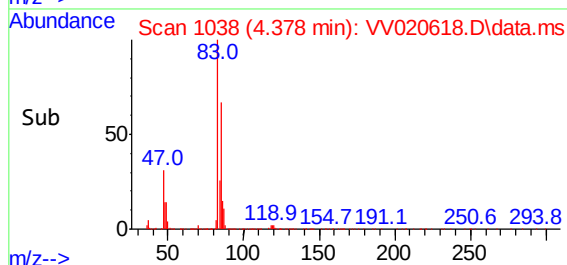
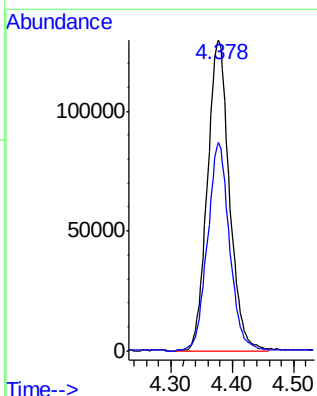
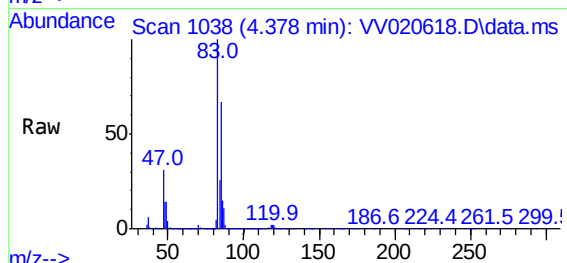




#25
Chloroform
Concen: 47.17 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

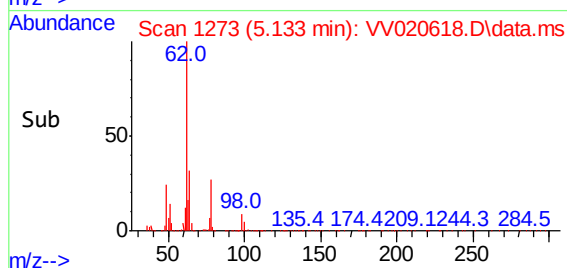
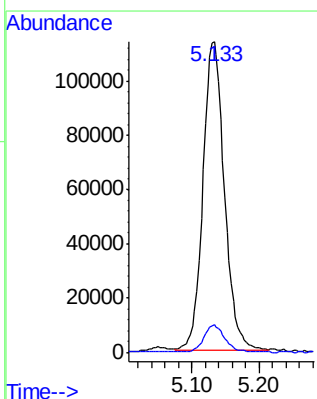
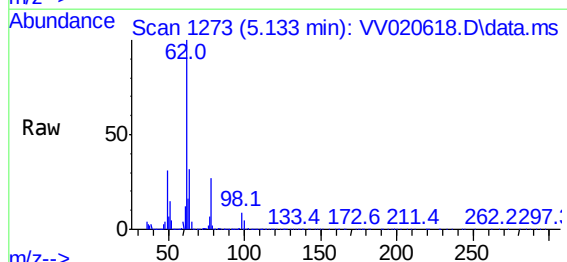
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

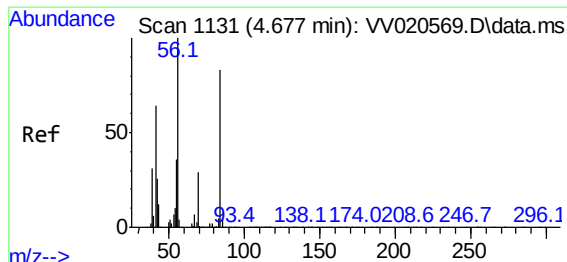
Tgt Ion: 83 Resp: 324495
Ion Ratio Lower Upper
83 100
85 67.0 44.2 82.2



#27
1,2-Dichloroethane
Concen: 46.51 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 62 Resp: 252741
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3

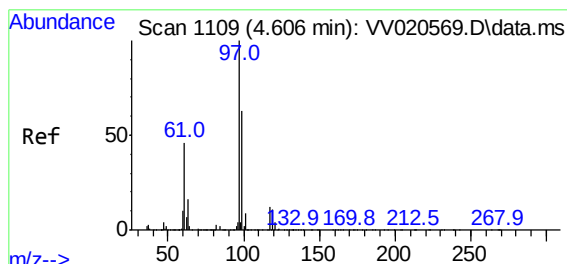
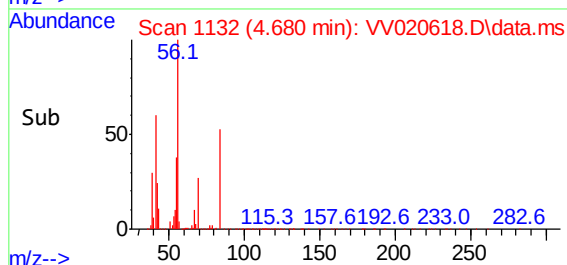
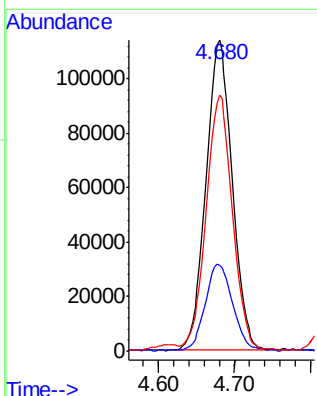
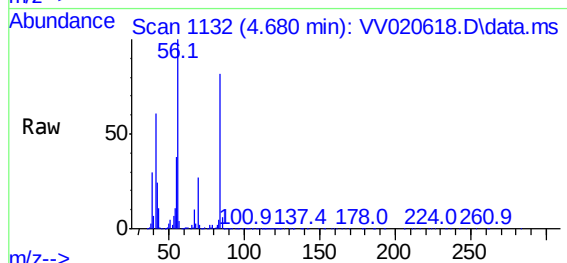




#29
Cyclohexane
Concen: 47.21 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

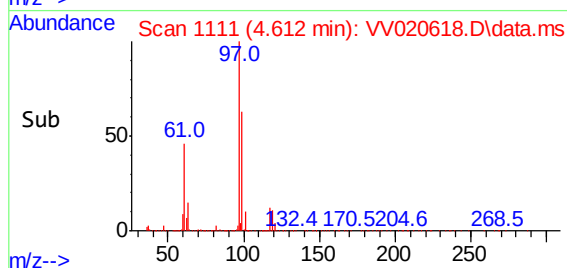
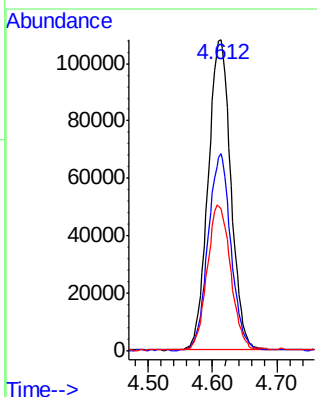
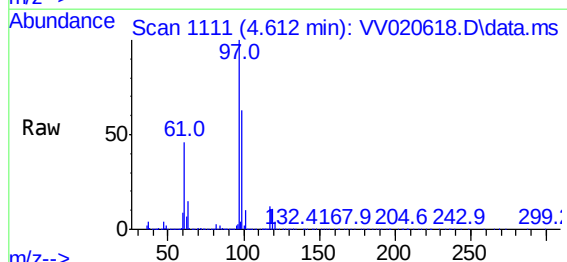
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

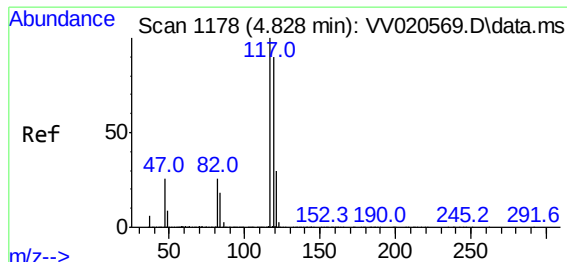
Tgt Ion: 56 Resp: 274335
Ion Ratio Lower Upper
56 100
69 28.8 24.2 36.2
84 81.5 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 46.39 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 97 Resp: 266051
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 47.9 38.5 57.7

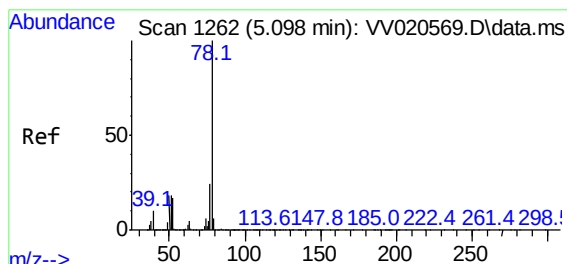
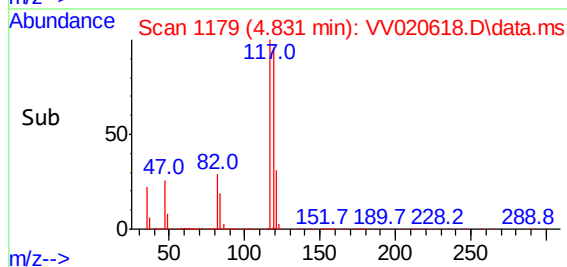
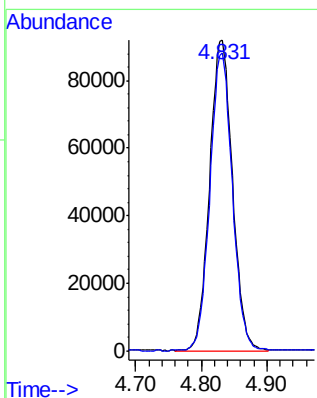
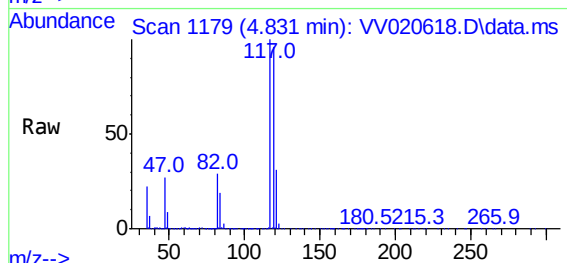




#31
Carbon tetrachloride
Concen: 47.87 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

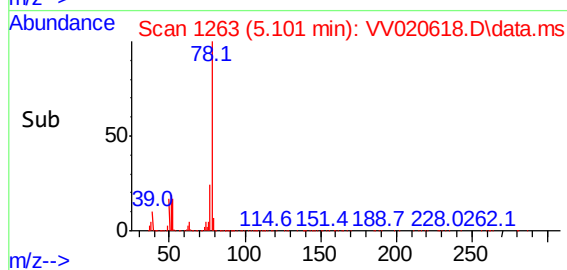
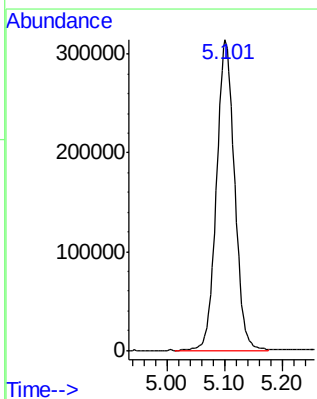
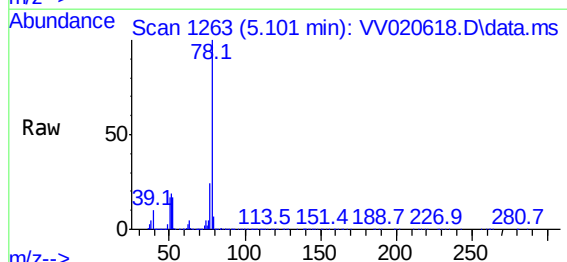
Instrument :
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ClientSampleId :
VSTD05078

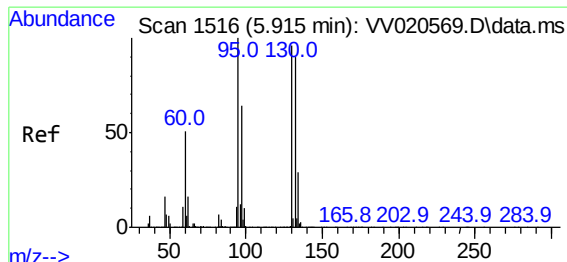
Tgt Ion:117 Resp: 223036
Ion Ratio Lower Upper
117 100
119 93.6 76.3 114.5



#33
Benzene
Concen: 47.75 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 78 Resp: 683685



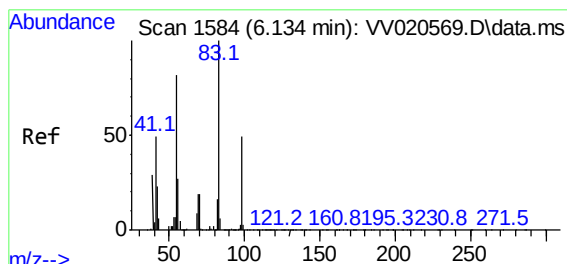
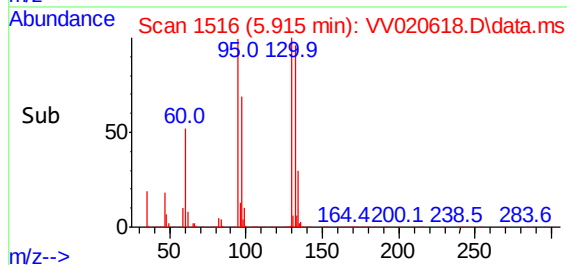
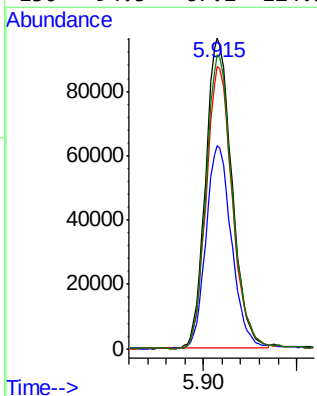
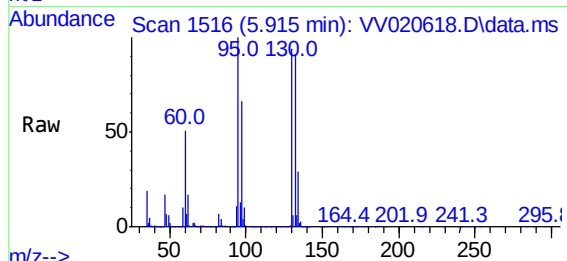


#34
Trichloroethene
Concen: 46.79 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

Tgt Ion: 95 Resp: 189011

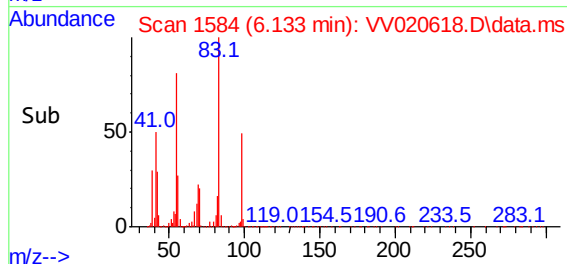
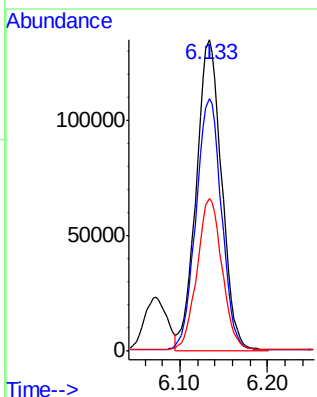
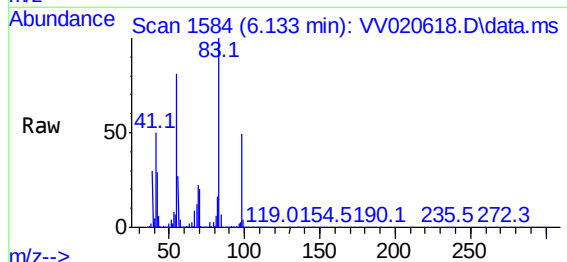
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.5	82.7
132	91.0	63.4	117.8
130	94.5	67.1	124.5

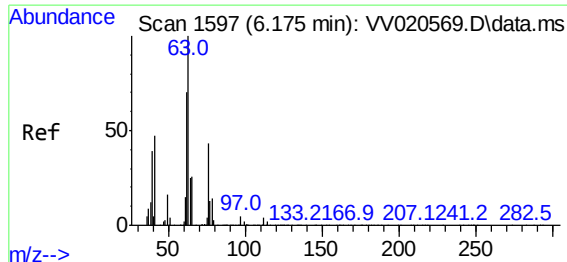


#35
Methylcyclohexane
Concen: 48.77 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 83 Resp: 270767

Ion	Ratio	Lower	Upper
83	100		
55	81.7	65.1	97.7
98	48.7	38.2	57.2

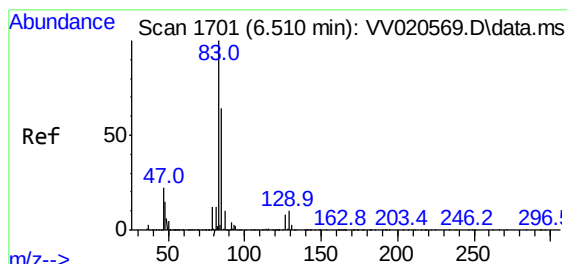
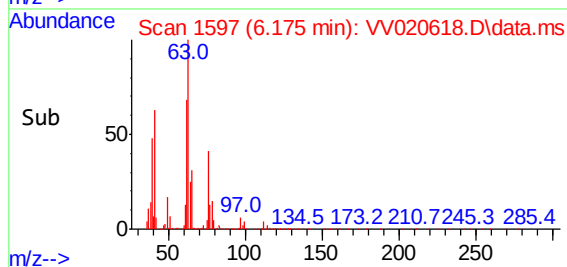
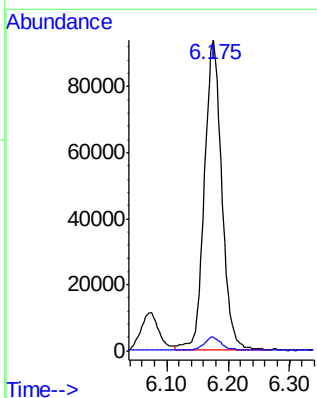
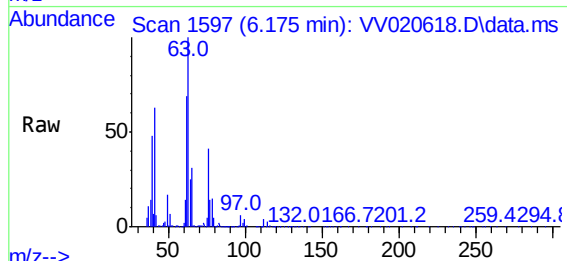




#37
1,2-Dichloropropane
Concen: 49.19 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

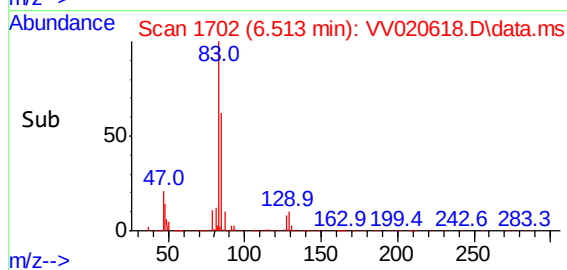
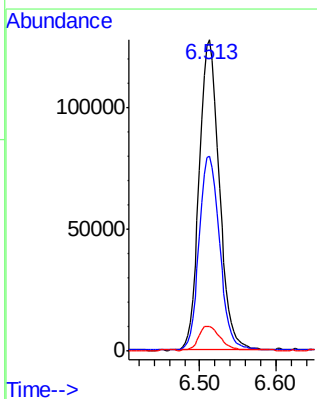
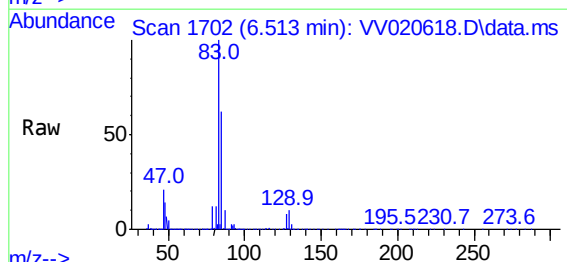
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

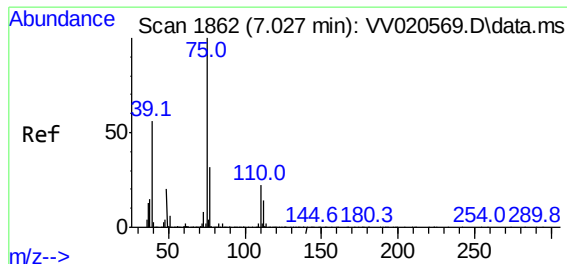
Tgt Ion: 63 Resp: 183885
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 47.25 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 83 Resp: 232579
Ion Ratio Lower Upper
83 100
85 62.4 44.5 82.7
127 7.6 6.3 9.5

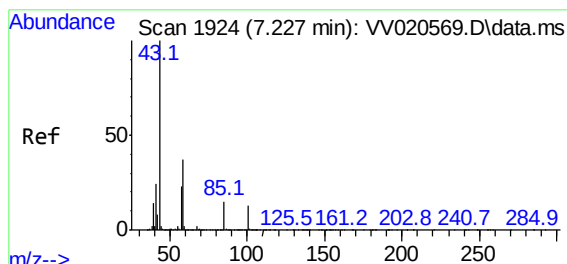
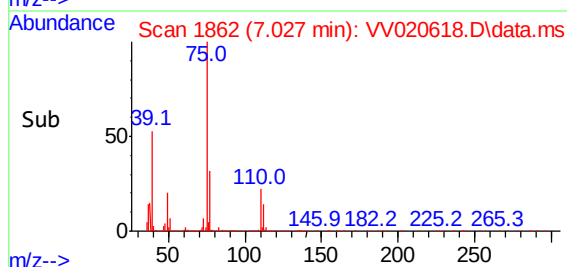
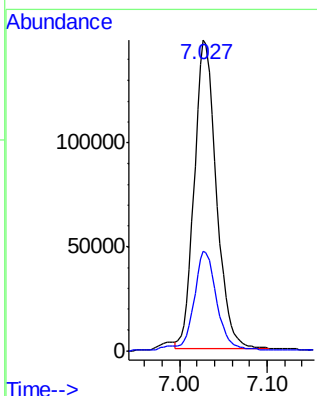
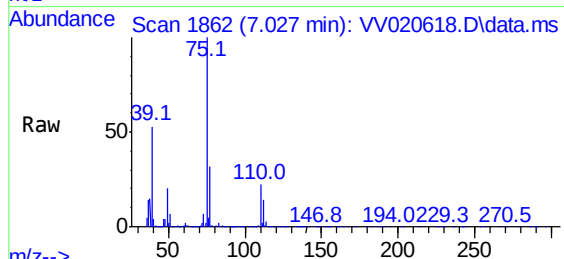




#39
 cis-1,3-Dichloropropene
 Concen: 46.63 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV020618.D
 Acq: 16 Mar 2021 09:46

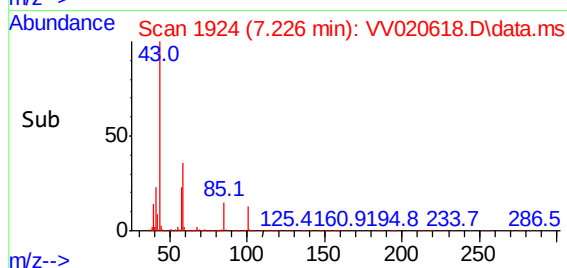
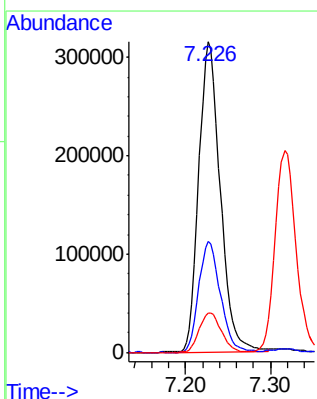
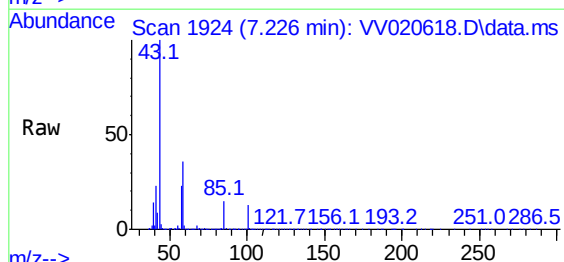
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

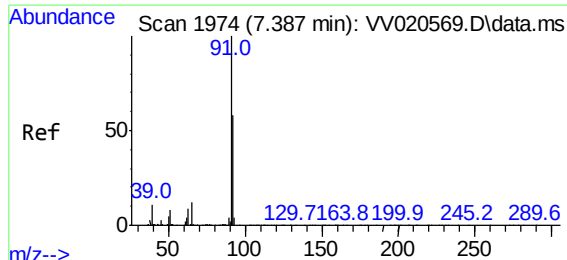
Tgt Ion: 75 Resp: 258561
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 98.53 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV020618.D
 Acq: 16 Mar 2021 09:46

Tgt Ion: 43 Resp: 553915
 Ion Ratio Lower Upper
 43 100
 58 36.0 30.7 46.1
 100 13.1 11.6 17.4





#42

Toluene

Concen: 48.94 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020618.D

Acq: 16 Mar 2021 09:46

Tgt Ion: 91 Resp: 731385

Ion Ratio Lower Upper

91 100

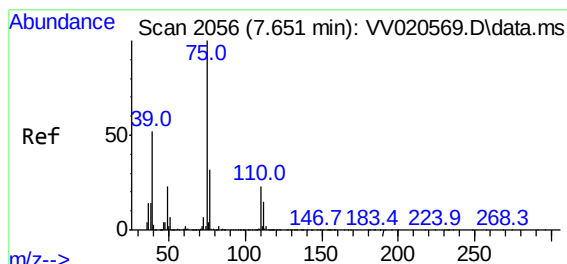
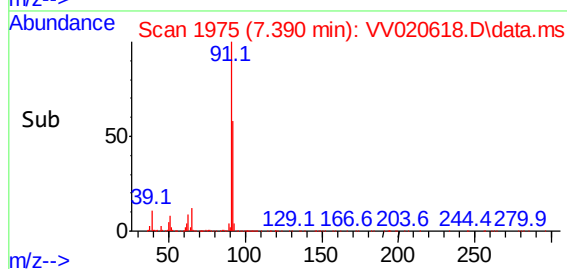
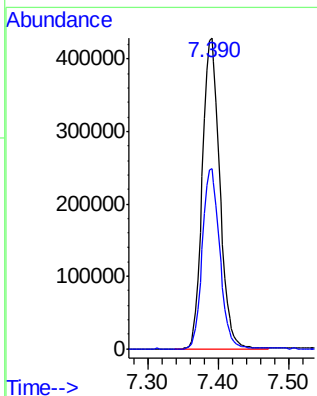
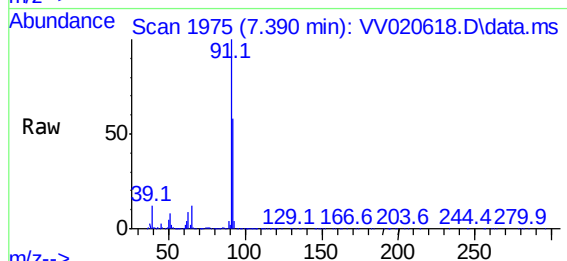
92 57.8 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05078



#44

trans-1,3-Dichloropropene

Concen: 48.58 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020618.D

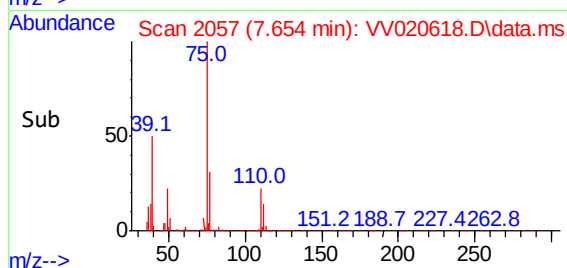
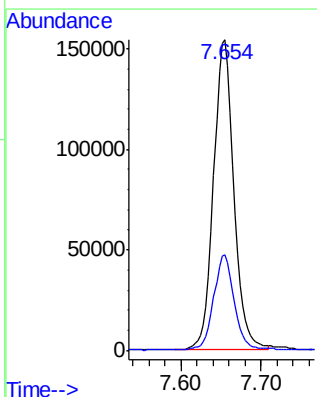
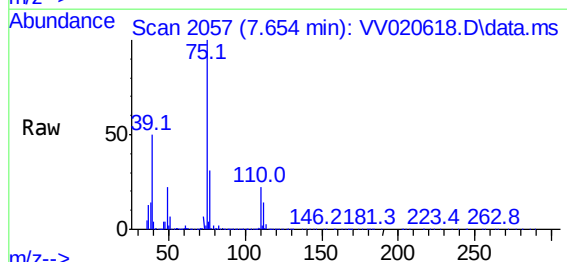
Acq: 16 Mar 2021 09:46

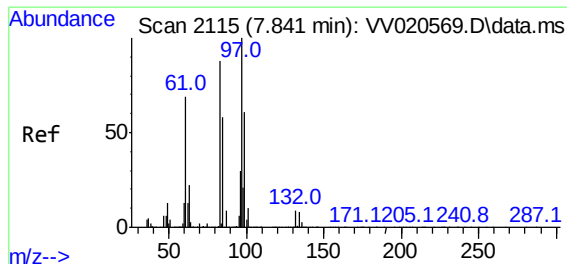
Tgt Ion: 75 Resp: 264773

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0



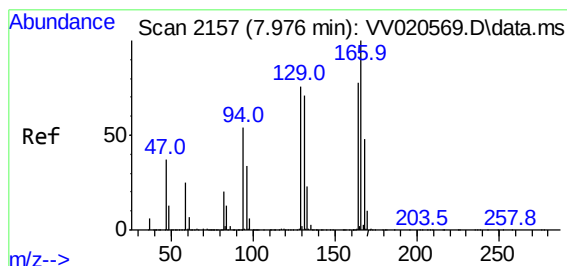
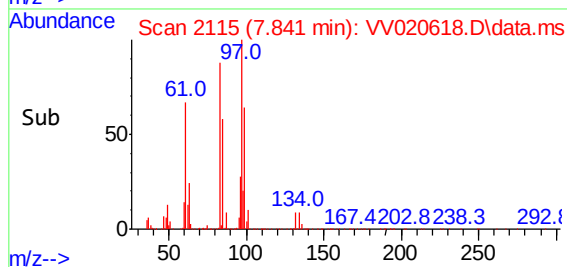
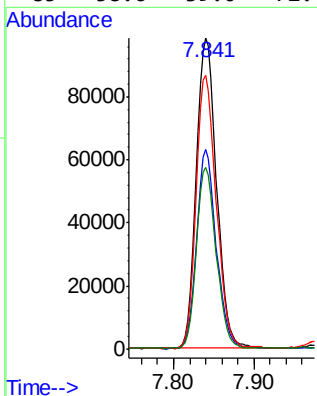
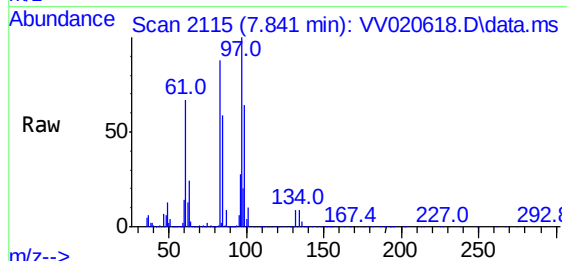


#45
1,1,2-Trichloroethane
Concen: 48.83 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

Tgt Ion: 97 Resp: 170087

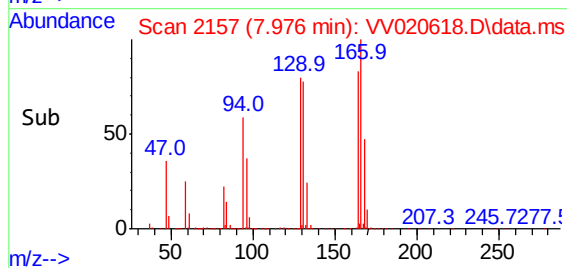
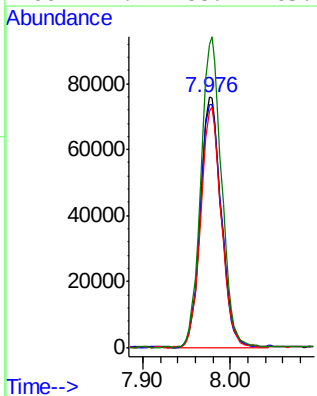
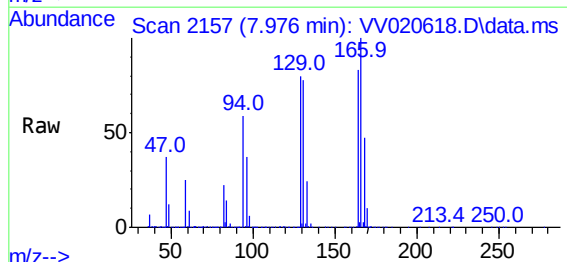
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.8	81.3
83	88.1	62.2	115.4
85	58.6	39.0	72.4

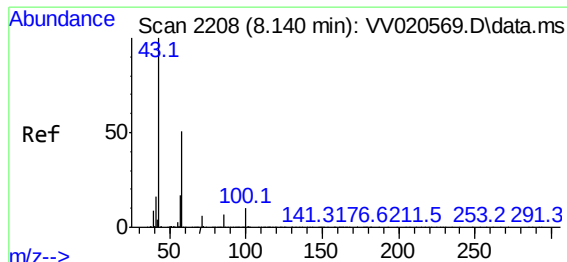


#46
Tetrachloroethene
Concen: 48.35 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 164 Resp: 125312

Ion	Ratio	Lower	Upper
164	100		
129	97.2	70.6	131.0
131	94.5	66.8	124.0
166	121.1	88.2	163.8

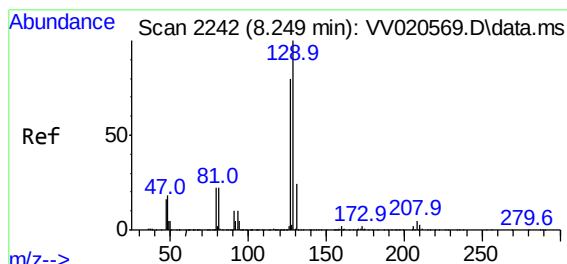
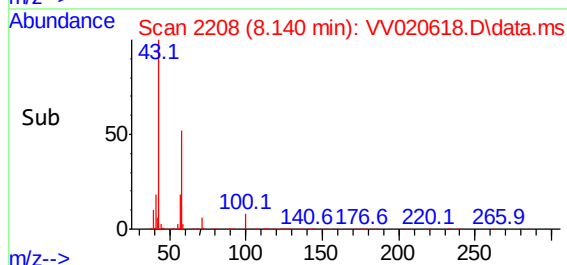
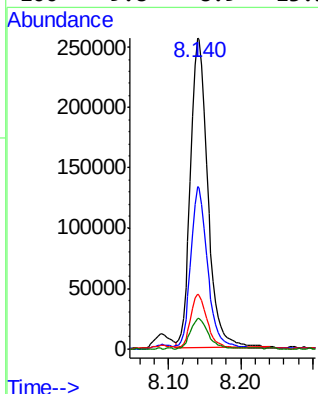
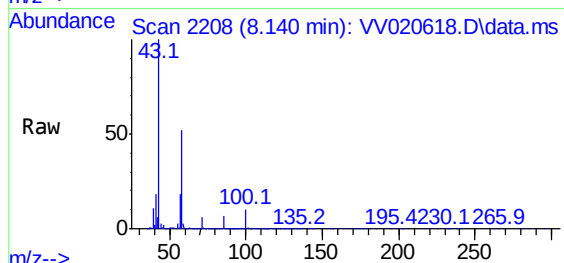




#48
2-Hexanone
Concen: 98.13 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

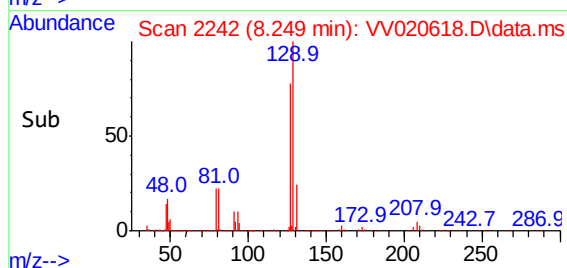
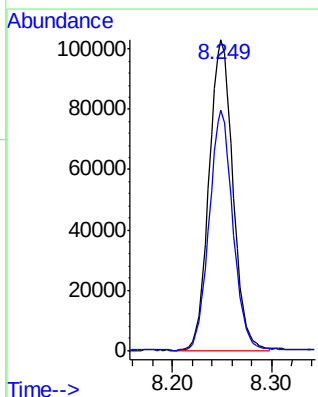
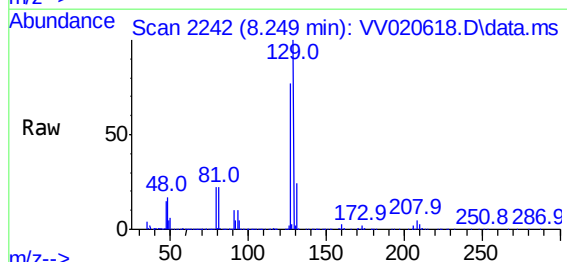
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

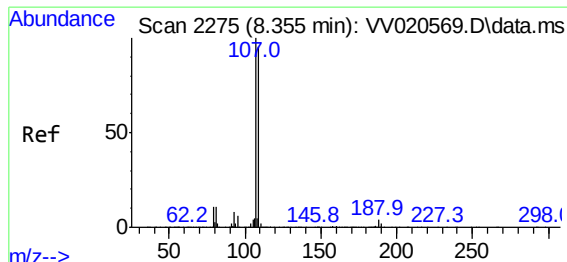
Tgt Ion: 43 Resp: 430886
Ion Ratio Lower Upper
43 100
58 50.0 41.8 62.6
57 16.7 15.0 22.4
100 9.8 8.9 13.3



#49
Dibromochloromethane
Concen: 47.15 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 129 Resp: 170983
Ion Ratio Lower Upper
129 100
127 77.5 55.2 102.6

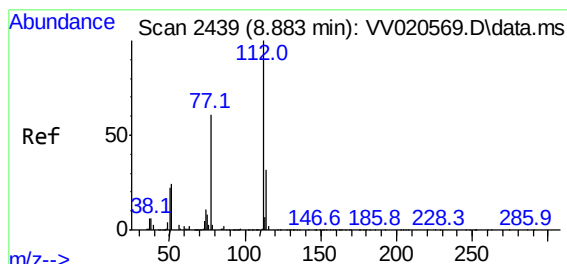
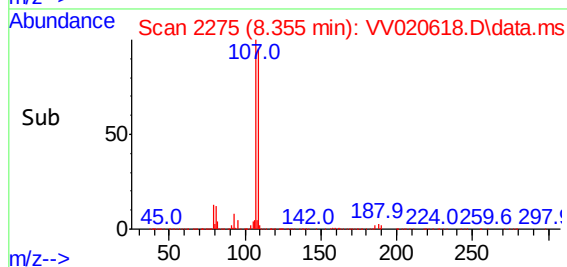
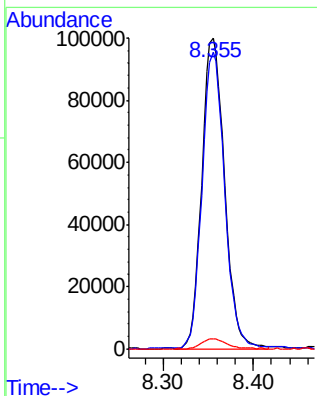
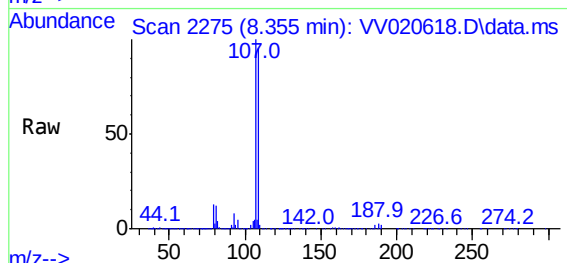




#50
1,2-Dibromoethane
Concen: 46.68 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

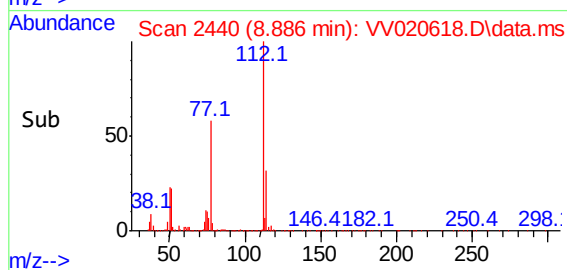
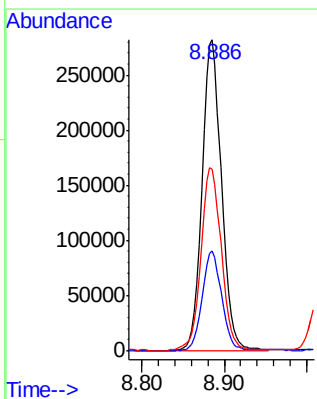
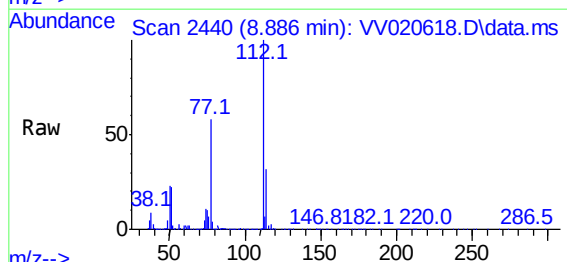
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

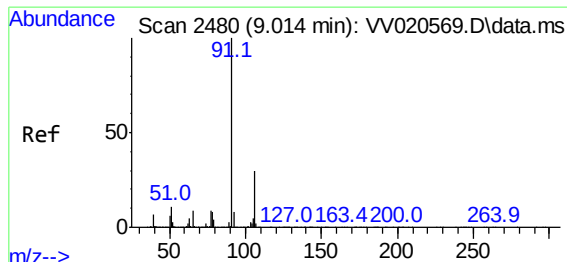
Tgt Ion:107 Resp: 174148
Ion Ratio Lower Upper
107 100
109 95.4 66.2 123.0
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 47.11 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion:112 Resp: 455464
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 58.3 49.0 73.6

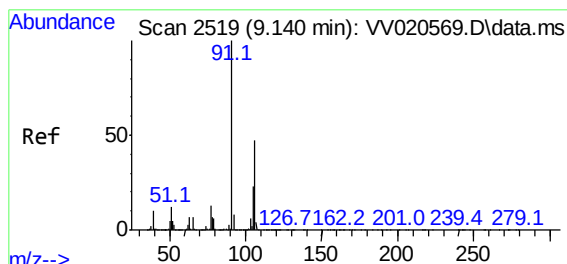
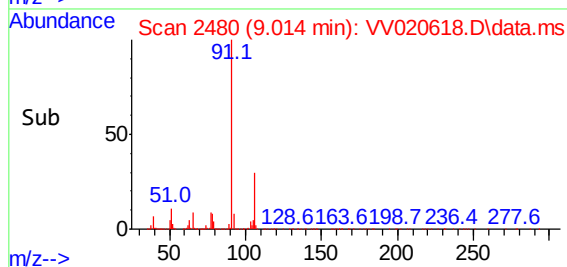
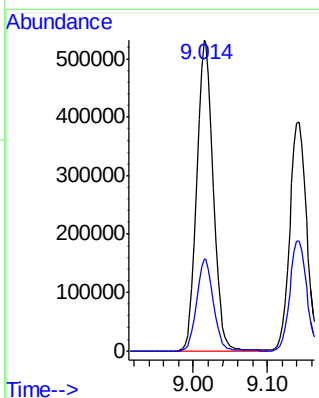
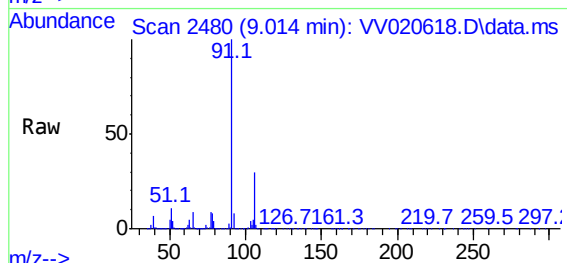




#52
Ethylbenzene
Concen: 48.38 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

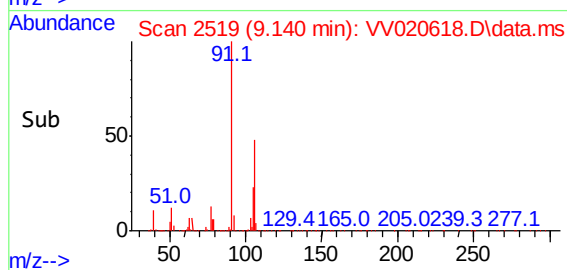
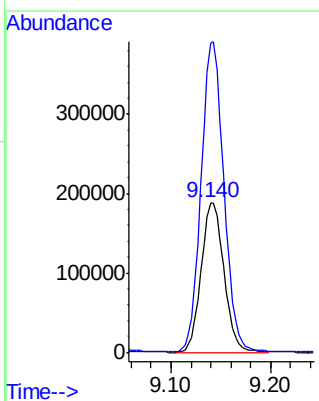
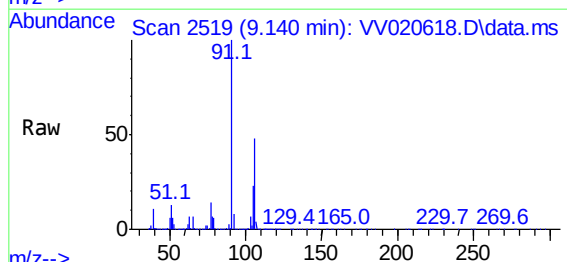
Instrument :
MSVOA_V
ClientSampled :
VSTD05078

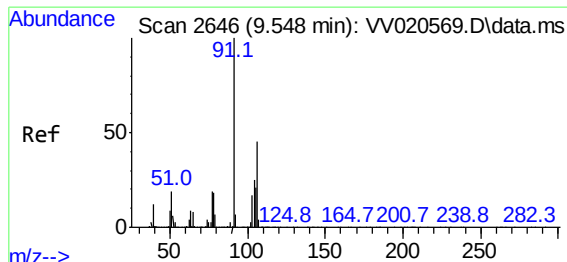
Tgt Ion: 91 Resp: 818622
Ion Ratio Lower Upper
91 100
106 29.7 21.0 39.0



#53
m,p-Xylene
Concen: 48.29 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 106 Resp: 298394
Ion Ratio Lower Upper
106 100
91 206.6 148.1 275.0

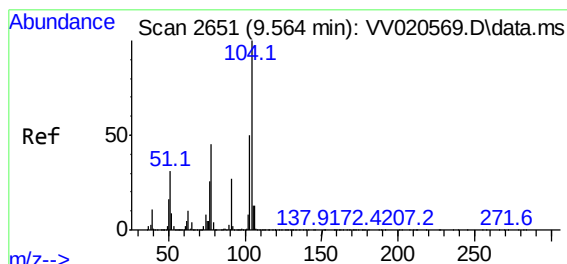
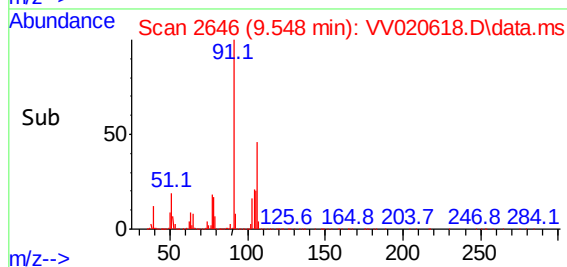
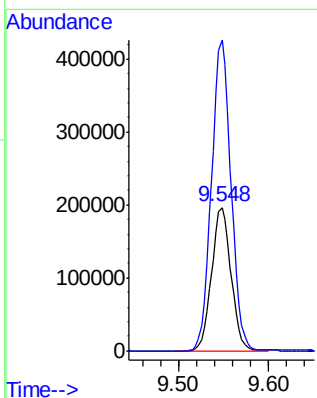
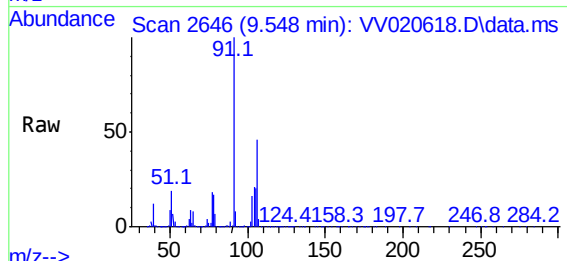




#54
o-xylene
Concen: 48.60 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

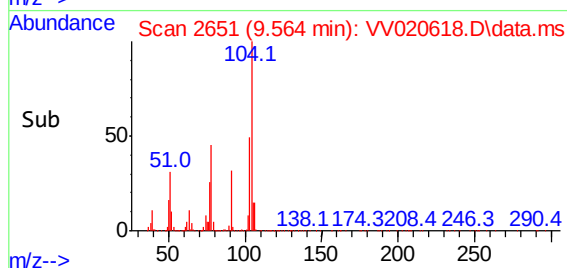
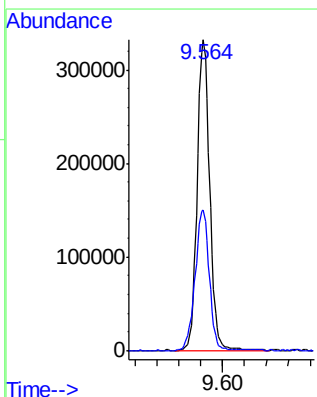
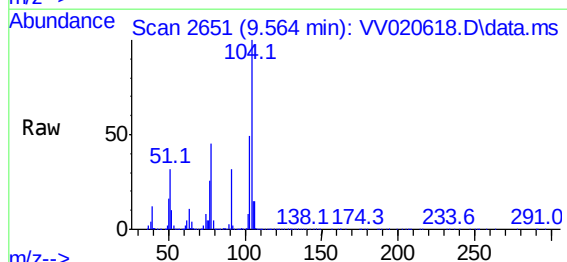
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

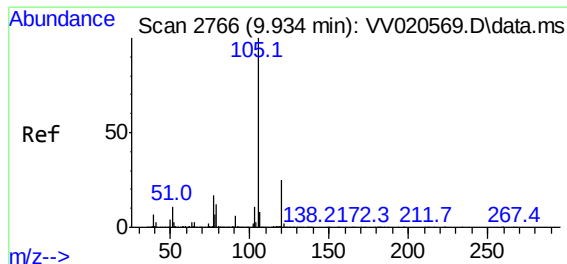
Tgt Ion:106 Resp: 290705
Ion Ratio Lower Upper
106 100
91 216.6 156.4 290.6



#55
Styrene
Concen: 50.22 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion:104 Resp: 524560
Ion Ratio Lower Upper
104 100
78 45.0 33.7 62.5

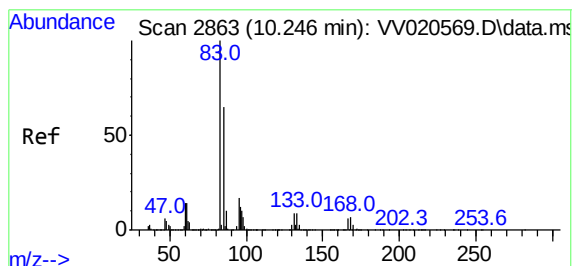
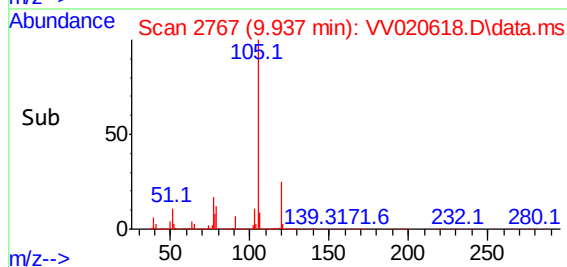
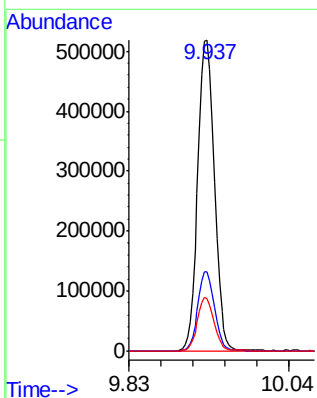
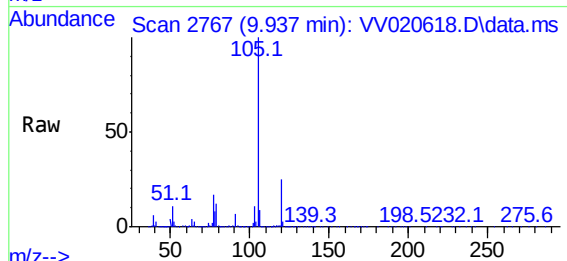




#56
Isopropylbenzene
Concen: 48.52 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

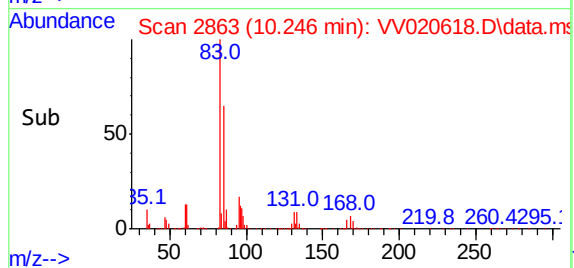
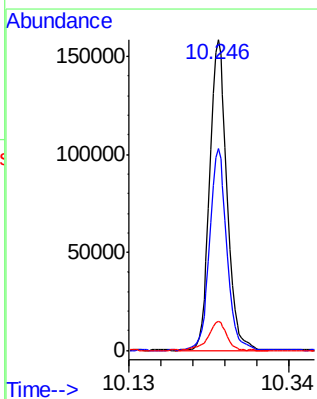
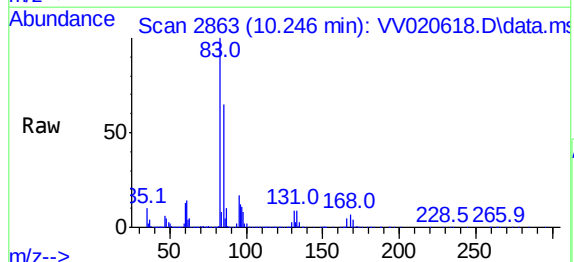
Instrument :
MSVOA_V
ClientSampled :
VSTD05078

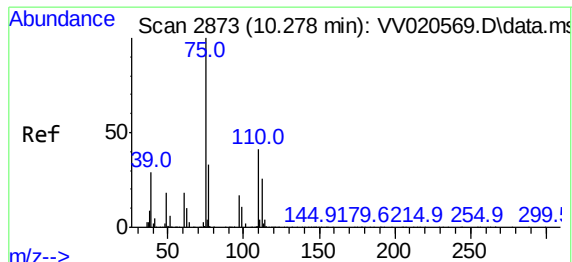
Tgt Ion:105 Resp: 785207
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.9 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 49.41 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 83 Resp: 255612
Ion Ratio Lower Upper
83 100
85 65.0 44.3 82.3
131 9.2 7.3 10.9

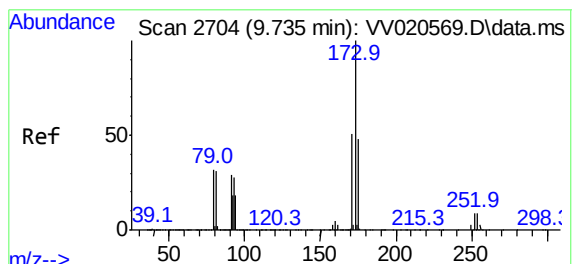
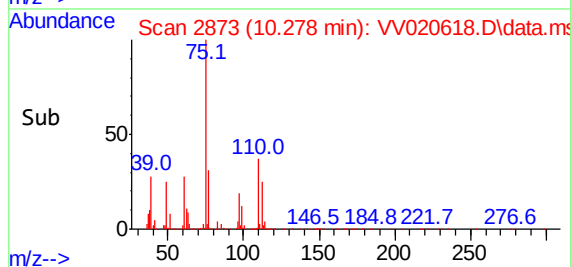
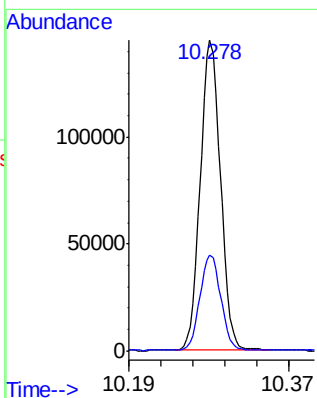
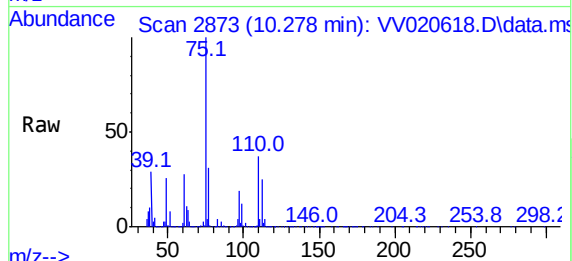




#59
1,2,3-Trichloropropane
Concen: 47.48 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

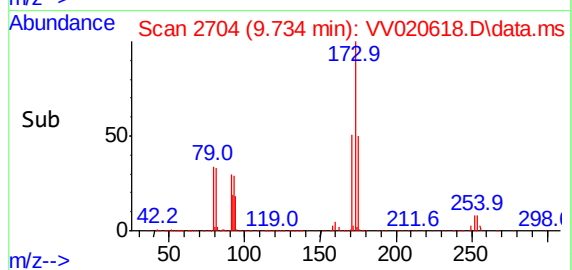
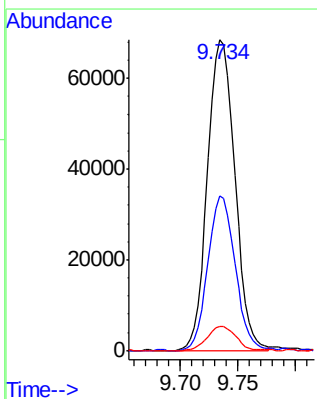
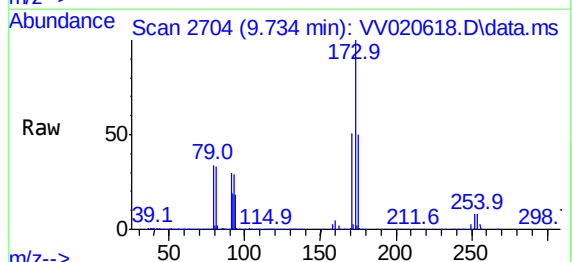
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

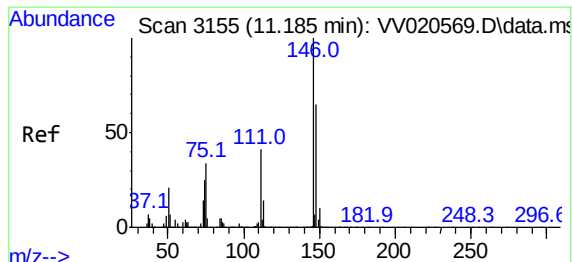
Tgt Ion: 75 Resp: 224931
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#61
Bromoform
Concen: 46.05 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion:173 Resp: 112559
Ion Ratio Lower Upper
173 100
175 49.5 38.6 57.8
254 8.2 6.5 9.7

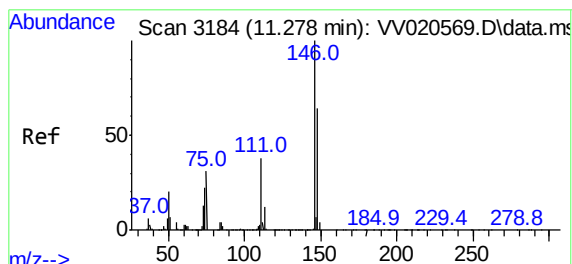
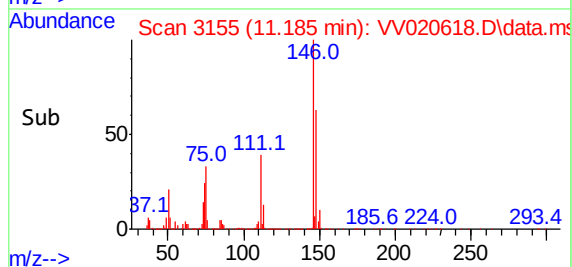
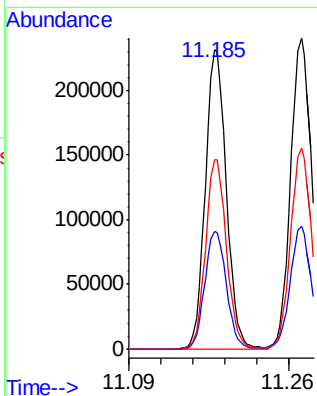
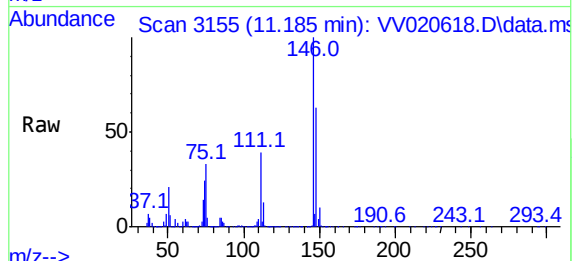




#62
1,3-Dichlorobenzene
Concen: 46.24 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

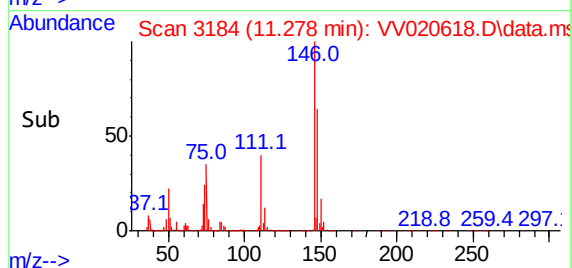
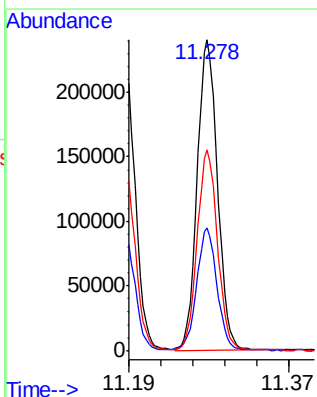
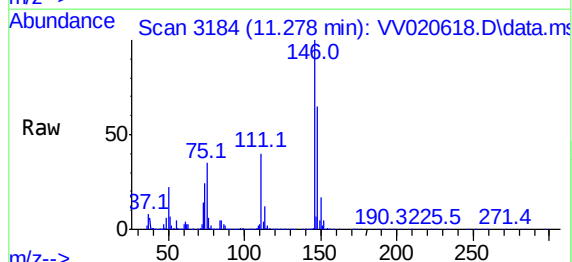
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

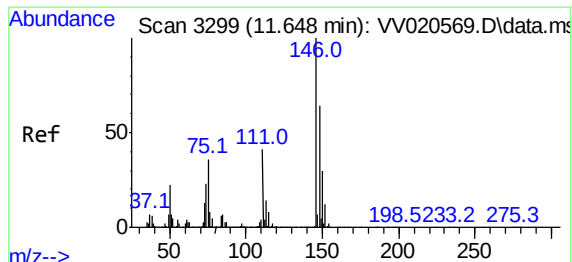
Tgt Ion:146 Resp: 362198
Ion Ratio Lower Upper
146 100
111 39.4 30.2 56.2
148 63.1 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 45.69 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion:146 Resp: 373548
Ion Ratio Lower Upper
146 100
111 39.6 29.4 54.6
148 64.5 44.7 83.1

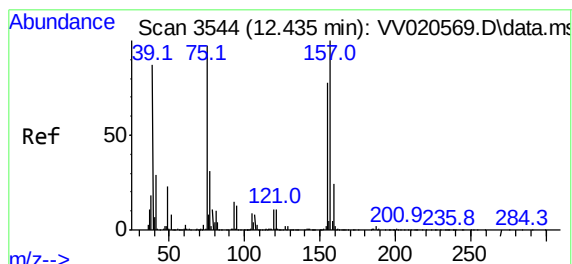
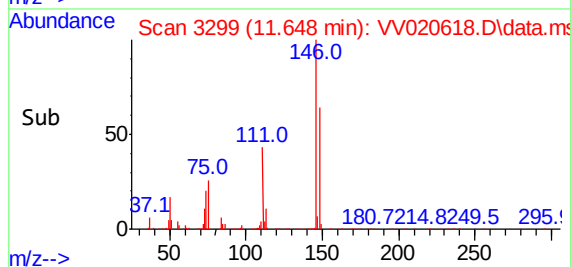
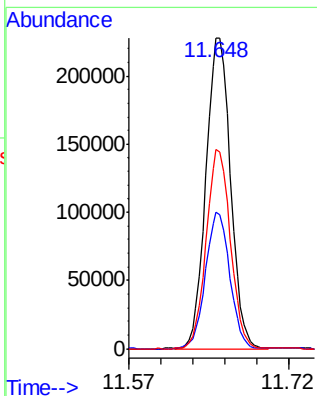
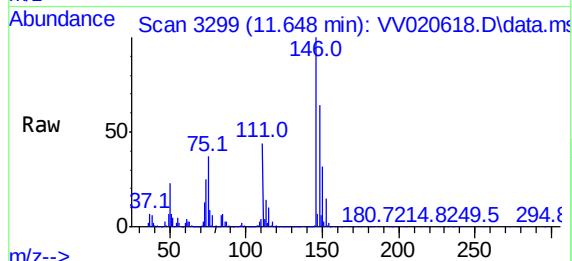




#65
1,2-Dichlorobenzene
Concen: 46.28 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

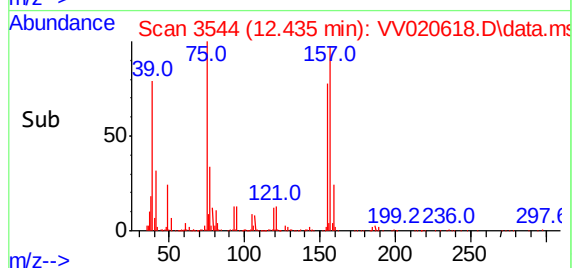
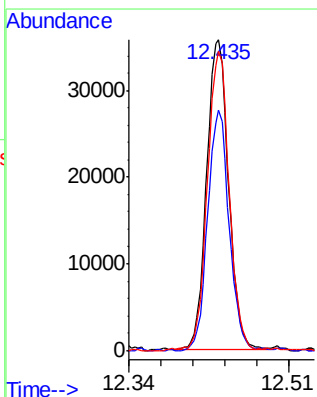
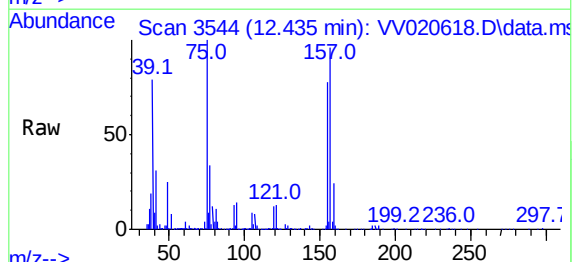
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

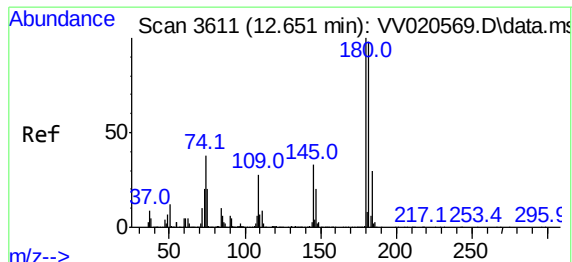
Tgt Ion:146 Resp: 360845
Ion Ratio Lower Upper
146 100
111 43.9 36.3 54.5
148 64.0 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 47.63 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion: 75 Resp: 56078
Ion Ratio Lower Upper
75 100
155 77.5 59.1 88.7
157 96.5 75.4 113.0

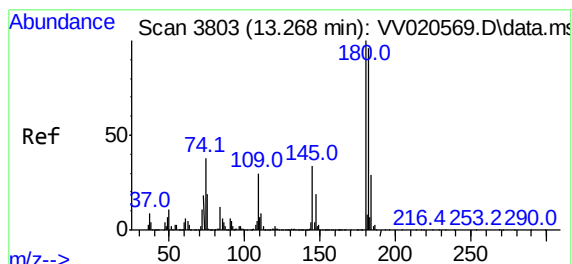
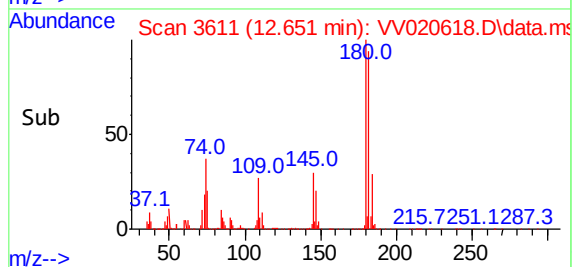
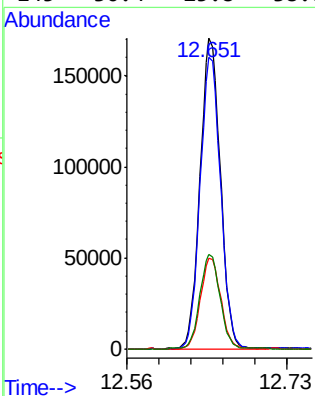
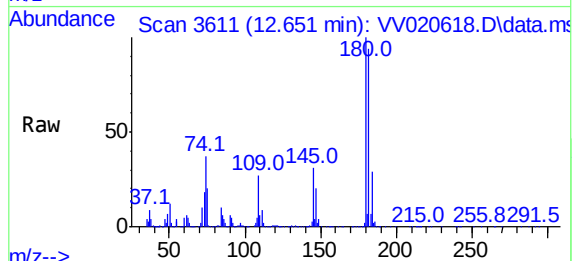




#67
 1,3,5-Trichlorobenzene
 Concen: 46.27 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.000 min
 Lab File: VV020618.D
 Acq: 16 Mar 2021 09:46

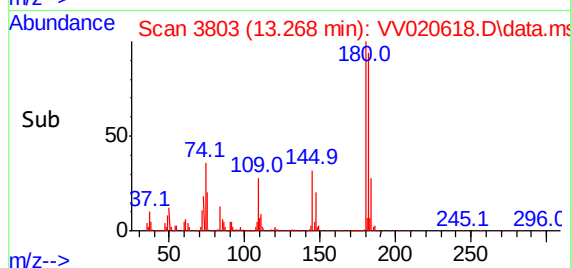
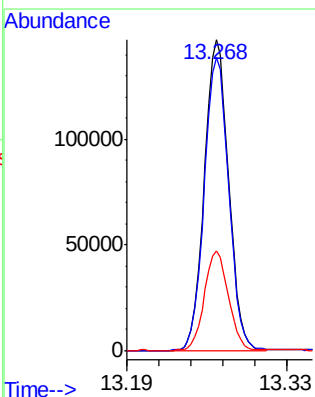
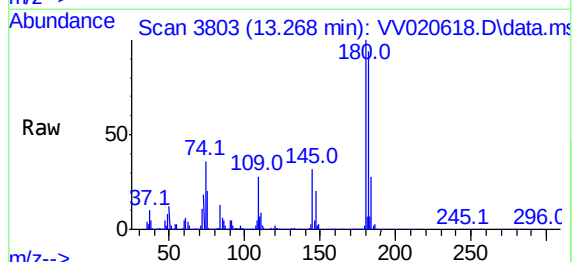
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

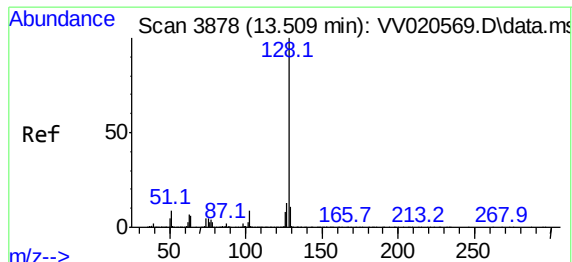
Tgt Ion:	180	Resp:	258118
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.6
184	29.2	24.0	36.0
145	30.4	25.8	38.6



#68
 1,2,4-trichlorobenzene
 Concen: 45.98 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. -0.000 min
 Lab File: VV020618.D
 Acq: 16 Mar 2021 09:46

Tgt Ion:	180	Resp:	222664
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	31.9	26.8	40.2

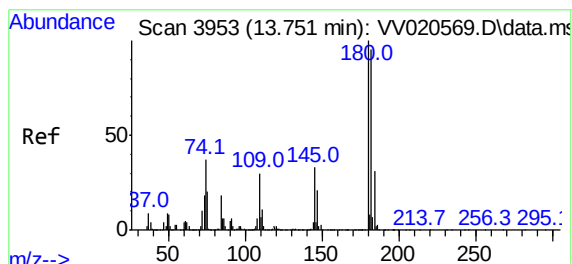
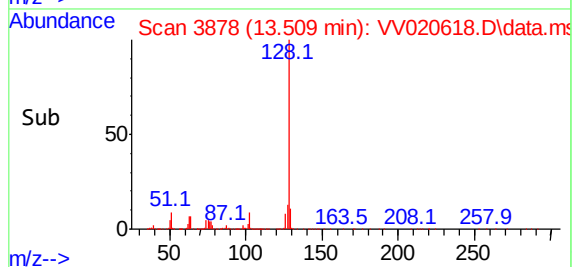
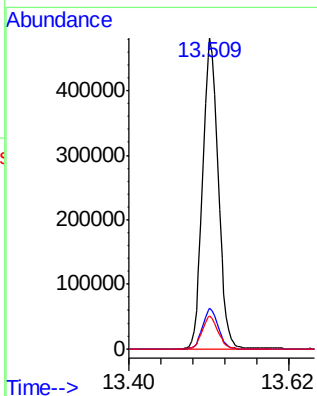
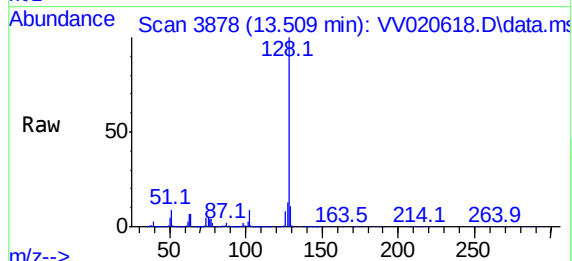




#69
Naphthalene
Concen: 45.82 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

Tgt Ion:128 Resp: 721469
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 47.02 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020618.D
Acq: 16 Mar 2021 09:46

Tgt Ion:180 Resp: 225737
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 33.4 27.9 41.9

