

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018699.D
 Acq On : 20 Apr 2021 18:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025114

Quant Time: Apr 21 01:33:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	659829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	599126	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	306051	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	161635	16.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.48%		
7) Chloroethane-d5	2.891	69	141224	15.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.56%		
11) 1,1-Dichloroethene-d2	4.025	63	340053	19.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.12%		
21) 2-Butanone-d5	7.080	46	103890	45.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.04%		
24) Chloroform-d	7.653	84	401795	22.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.76%		
26) 1,2-Dichloroethane-d4	8.311	65	222858	21.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.56%		
32) Benzene-d6	8.281	84	762655	21.70	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.80%		
36) 1,2-Dichloropropane-d6	9.274	67	235045	22.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.76%		
41) Toluene-d8	10.323	98	713671	22.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.80%		
43) trans-1,3-Dichloroprop...	10.579	79	109584	24.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.20%		
47) 2-Hexanone-d5	10.927	63	90380	49.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.14%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	205702	23.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.00%		
66) 1,2-Dichlorobenzene-d4	13.853	152	247013	22.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	112797	17.96	ug/L	95
3) Chloromethane	2.215	50	109476	12.76	ug/L	99
5) Vinyl chloride	2.367	62	220362	17.82	ug/L	99
6) Bromomethane	2.788	94	156525	15.88	ug/L	96
8) Chloroethane	2.928	64	136989	17.36	ug/L	96
9) Trichlorofluoromethane	3.263	101	153831	22.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	195675	22.26	ug/L	98
12) 1,1-Dichloroethene	4.050	96	192696	22.21	ug/L	93
13) Acetone	4.135	43	63585	38.38	ug/L	85
14) Carbon disulfide	4.391	76	507459	19.66	ug/L	100
15) Methyl Acetate	4.678	43	82100	21.73	ug/L	95
16) Methylene chloride	4.922	84	230005	21.27	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	208480	22.35	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	319139	25.57	ug/L	97
19) 1,1-Dichloroethane	6.220	63	381678	22.25	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	233490	23.53	ug/L	99
22) 2-Butanone	7.177	43	109652	43.56	ug/L	96
23) Bromochloromethane	7.519	128	102383	23.83	ug/L	90
25) Chloroform	7.677	83	399135	22.92	ug/L	96
27) 1,2-Dichloroethane	8.403	62	268750	22.68	ug/L	97

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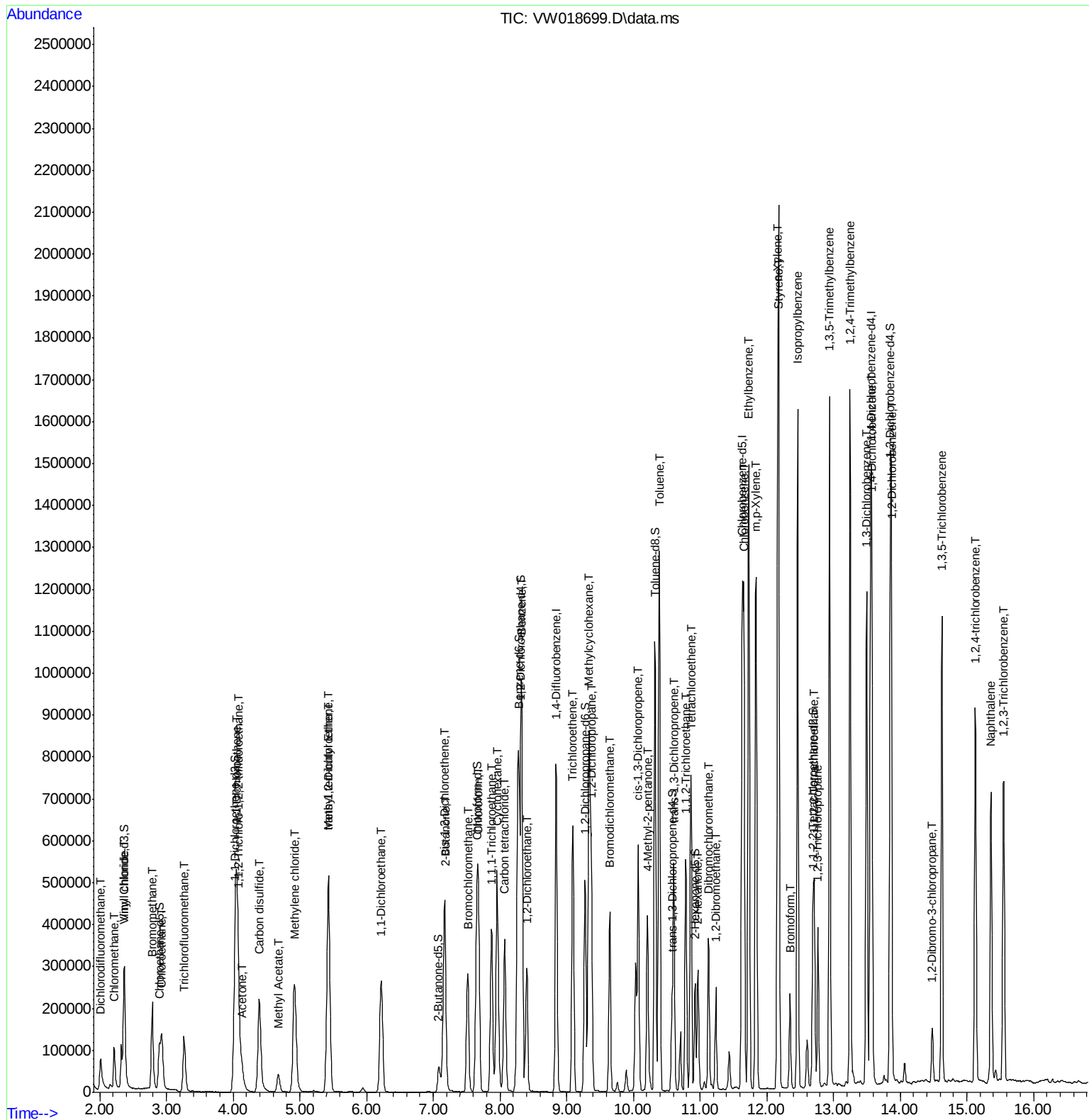
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	311790	21.13	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	312863	23.86	ug/L	98
31) Carbon tetrachloride	8.067	117	279369	23.63	ug/L	99
33) Benzene	8.323	78	857522	22.79	ug/L	100
34) Trichloroethene	9.091	95	224548	23.18	ug/L	93
35) Methylcyclohexane	9.335	83	369732	21.96	ug/L	98
37) 1,2-Dichloropropane	9.372	63	211624	22.22	ug/L	99
38) Bromodichloromethane	9.646	83	285211	23.53	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	342091	24.20	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	256128	43.77	ug/L	93
42) Toluene	10.390	91	941802	23.32	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	302319	24.49	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	168732	23.88	ug/L	97
46) Tetrachloroethene	10.866	164	170416	24.90	ug/L	93
48) 2-Hexanone	10.969	43	169759	45.89	ug/L	94
49) Dibromochloromethane	11.128	129	185676	24.66	ug/L	92
50) 1,2-Dibromoethane	11.237	107	163727	24.35	ug/L	98
51) Chlorobenzene	11.658	112	591178	23.78	ug/L	97
52) Ethylbenzene	11.731	91	1045585	23.44	ug/L	99
53) m,p-Xylene	11.841	106	392511	23.98	ug/L	99
54) o-Xylene	12.164	106	379666	24.16	ug/L	94
55) Styrene	12.182	104	656184	24.14	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	205241	23.32	ug/L	99
59) Bromoform	12.353	173	101708	23.31	ug/L	97
60) Isopropylbenzene	12.463	105	1039382	23.09	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	152450	21.80	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	883524	23.69	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	879985	23.65	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	452588	23.73	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	457926	23.73	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	401238	22.86	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	32258	22.20	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	320890	23.56	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	276576	24.95	ug/L	99
71) Naphthalene	15.365	128	586914	25.13	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	244359	24.98	ug/L	96

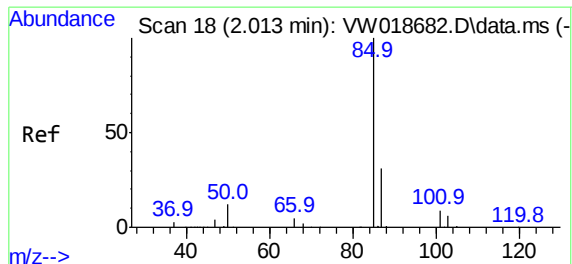
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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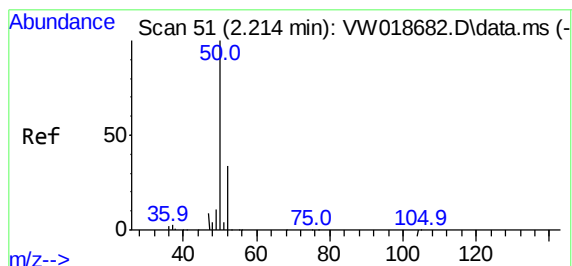
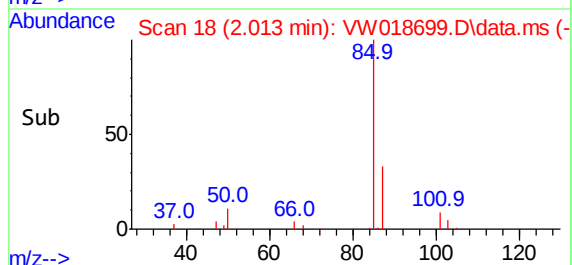
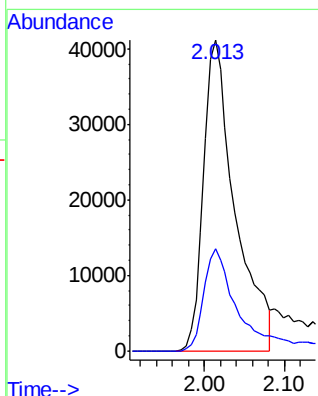
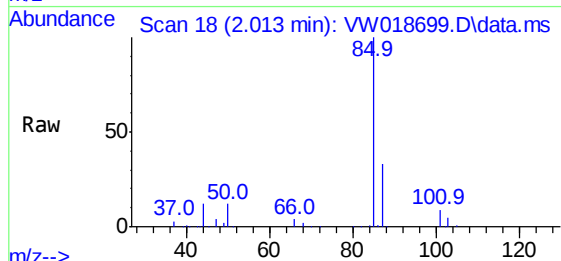




#2
Dichlorodifluoromethane
Concen: 17.96 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

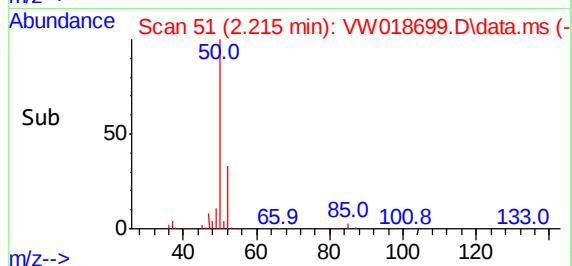
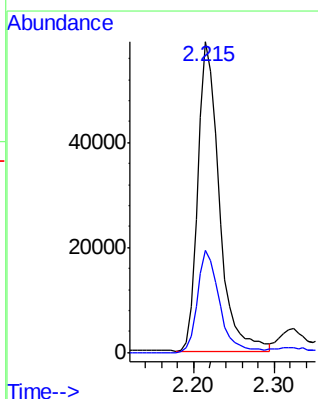
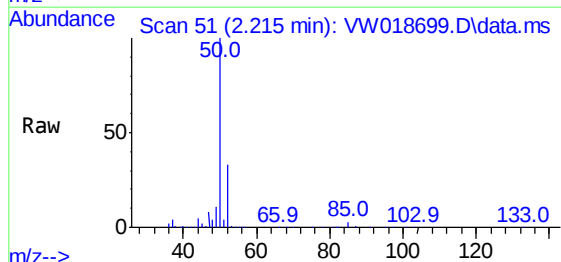
Instrument :
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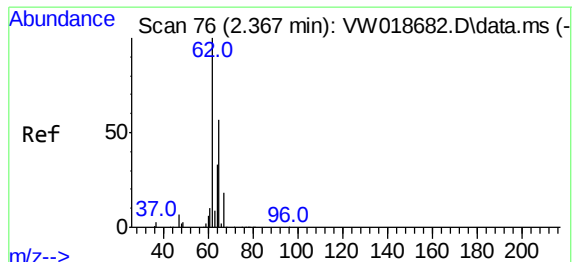
Tgt Ion: 85 Resp: 112797
Ion Ratio Lower Upper
85 100
87 31.6 23.3 34.9



#3
Chloromethane
Concen: 12.76 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 50 Resp: 109476
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

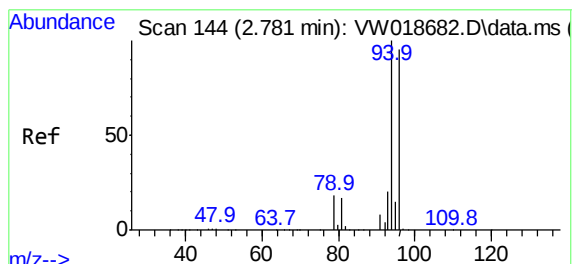
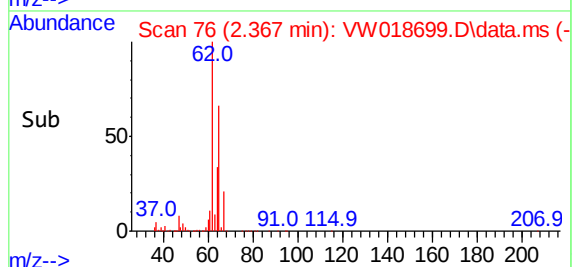
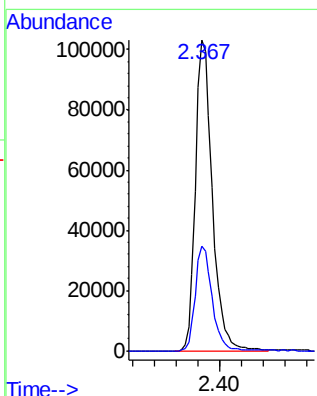
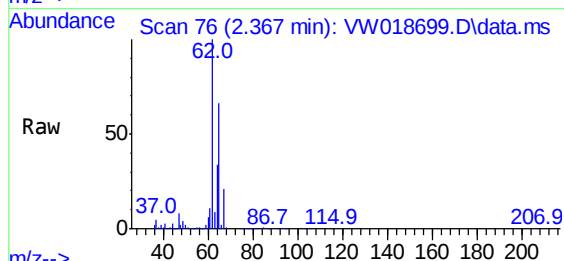




#5
 Vinyl chloride
 Concen: 17.82 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018699.D
 Acq: 20 Apr 2021 18:24

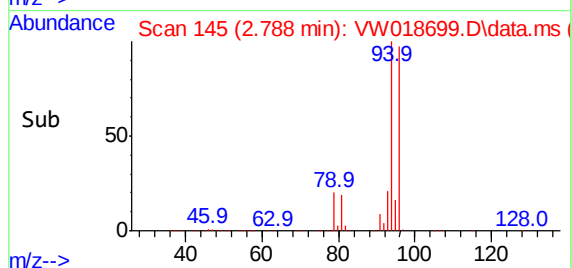
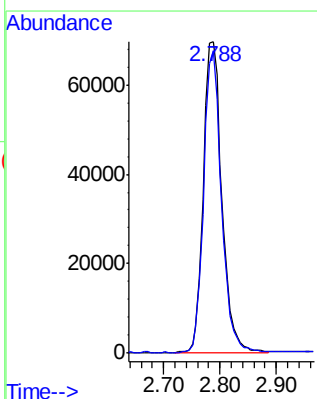
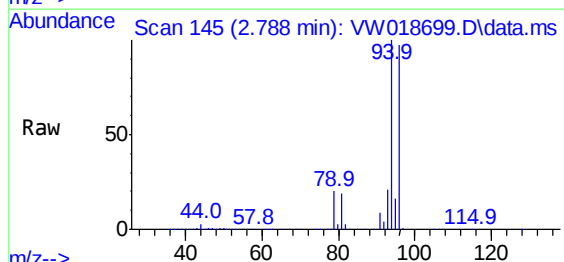
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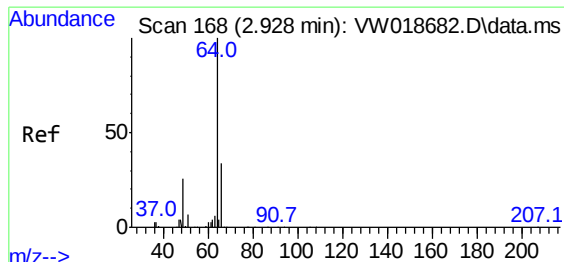
Tgt Ion: 62 Resp: 220362
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.2 45.0



#6
 Bromomethane
 Concen: 15.88 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018699.D
 Acq: 20 Apr 2021 18:24

Tgt Ion: 94 Resp: 156525
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.3 121.3

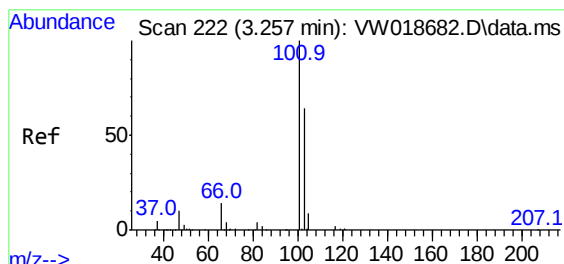
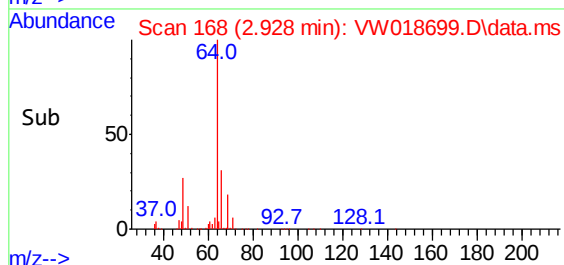
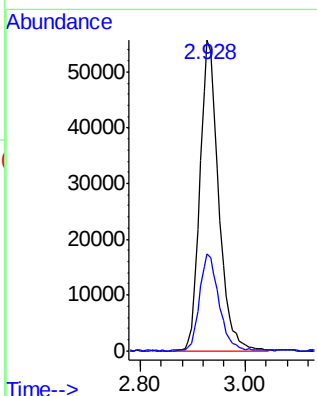
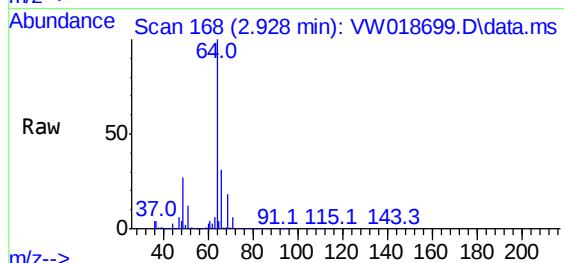




#8
Chloroethane
Concen: 17.36 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

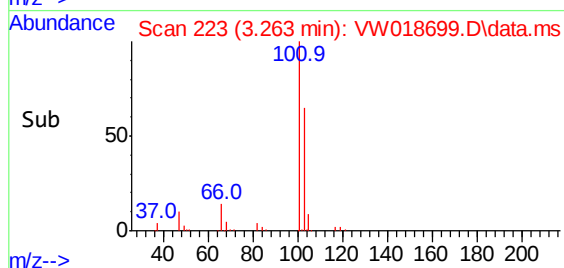
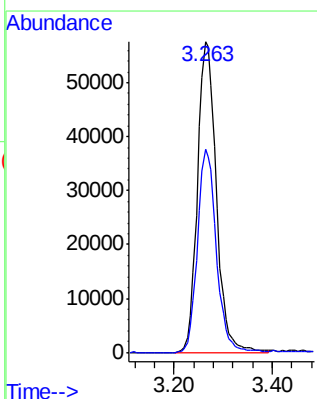
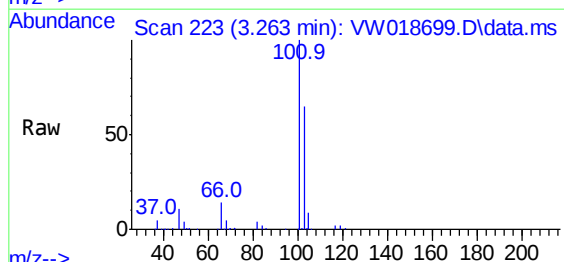
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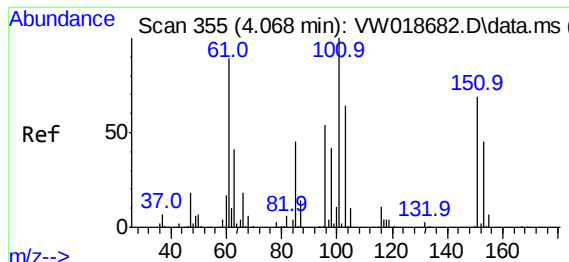
Tgt Ion: 64 Resp: 136989
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.21 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 101 Resp: 153831
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4



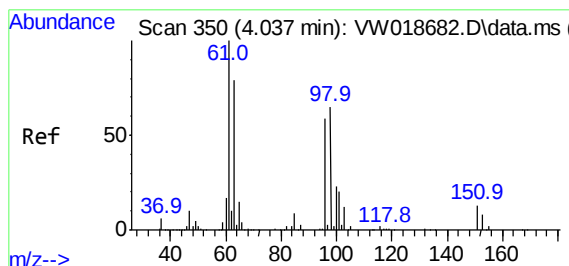
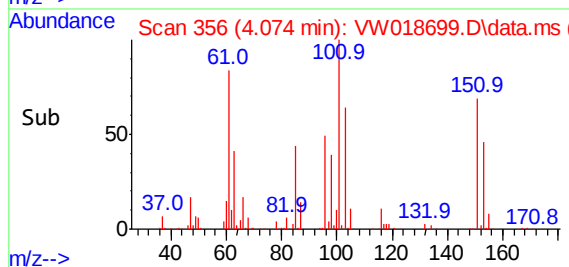
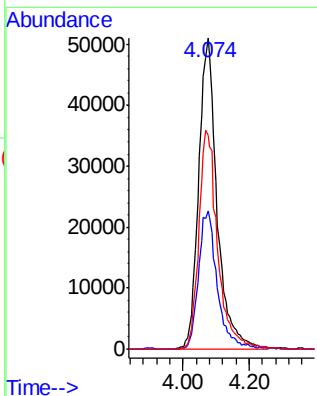
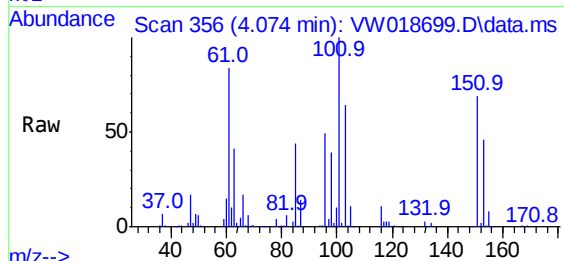


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.26 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW018699.D
 Acq: 20 Apr 2021 18:24

Instrument :
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Tgt Ion:101 Resp: 195675

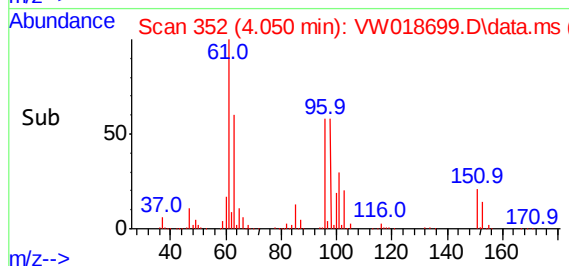
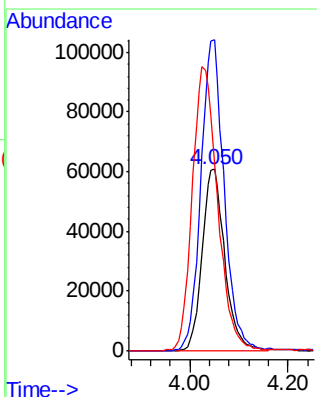
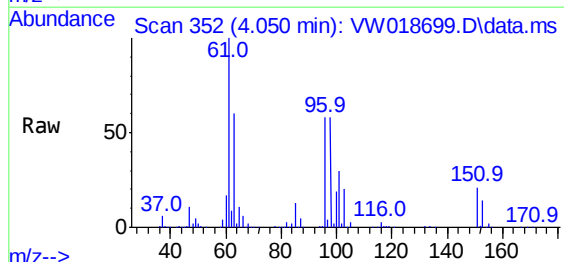
Ion	Ratio	Lower	Upper
101	100		
85	44.6	38.2	57.2
151	71.1	56.6	85.0

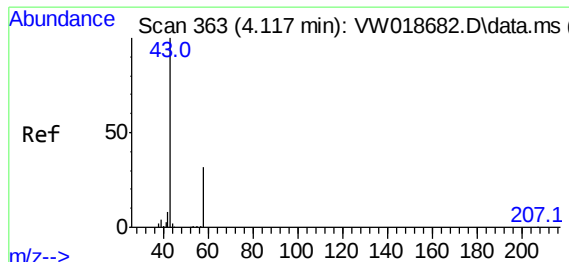


#12
 1,1-Dichloroethene
 Concen: 22.21 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.012 min
 Lab File: VW018699.D
 Acq: 20 Apr 2021 18:24

Tgt Ion: 96 Resp: 192696

Ion	Ratio	Lower	Upper
96	100		
61	171.4	118.1	219.3
63	102.9	83.7	155.5

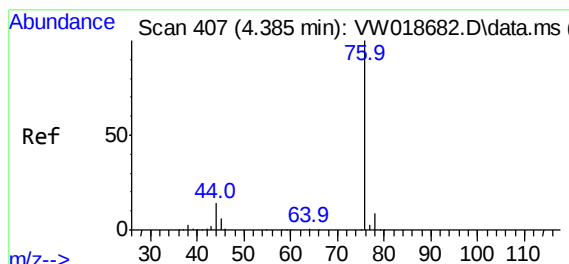
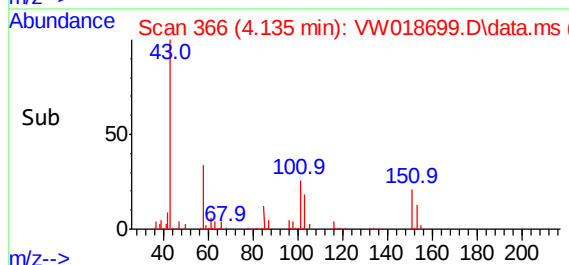
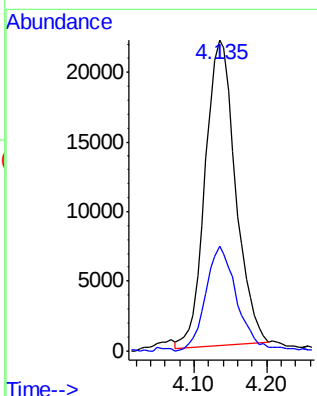
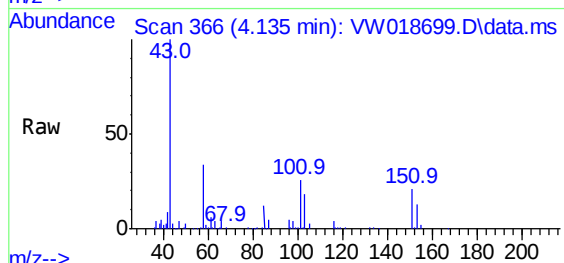




#13
Acetone
Concen: 38.38 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.019 min
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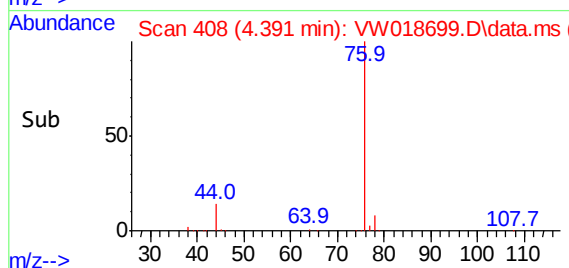
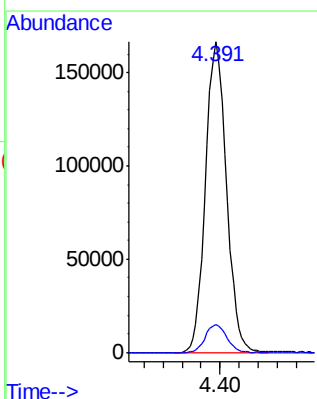
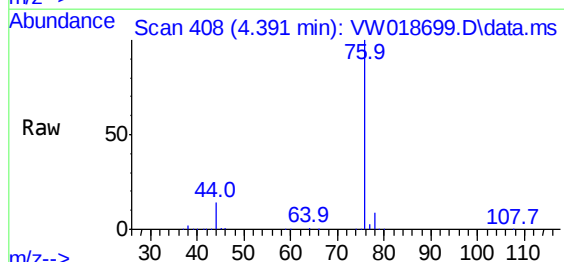
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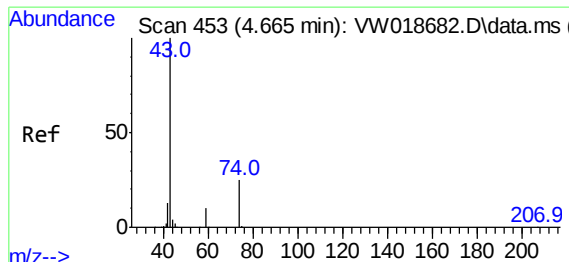
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Ion Ratio Lower Upper
43 100
58 34.7 0.0 53.8



#14
Carbon disulfide
Concen: 19.66 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 76 Resp: 507459
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

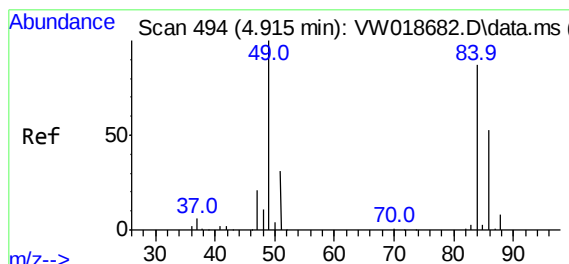
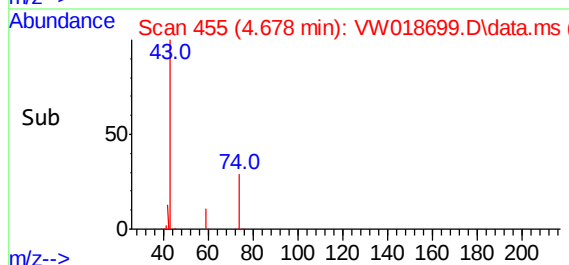
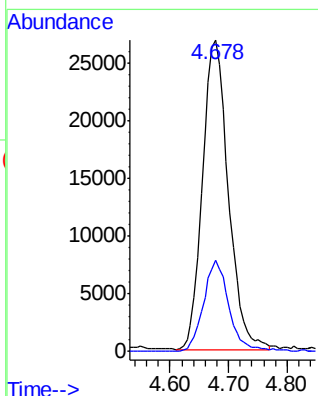
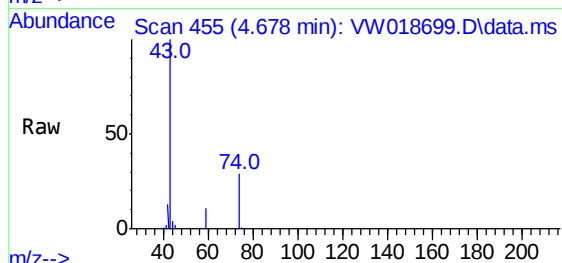




#15
Methyl Acetate
Concen: 21.73 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

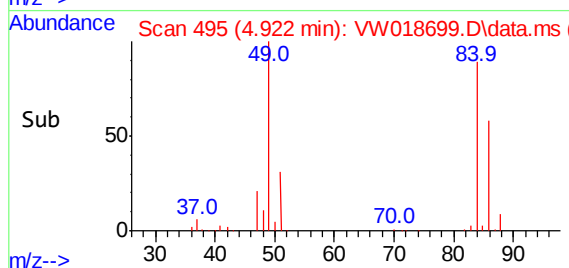
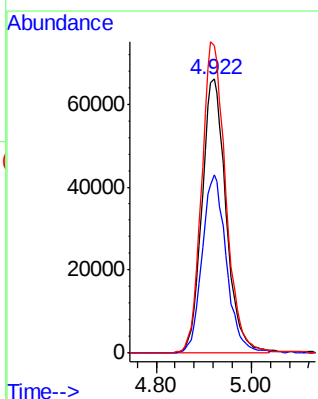
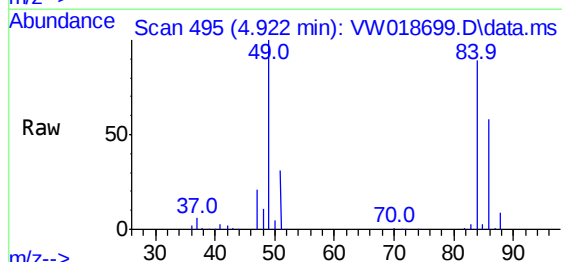
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

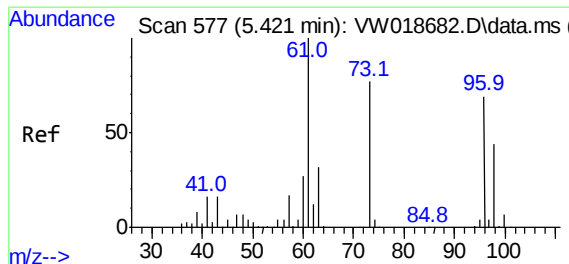
Tgt Ion: 43 Resp: 82100
Ion Ratio Lower Upper
43 100
74 27.6 20.0 30.0



#16
Methylene chloride
Concen: 21.27 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 84 Resp: 230005
Ion Ratio Lower Upper
84 100
86 64.9 45.3 84.1
49 112.4 86.6 160.8

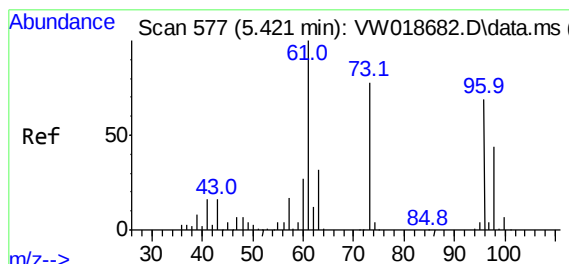
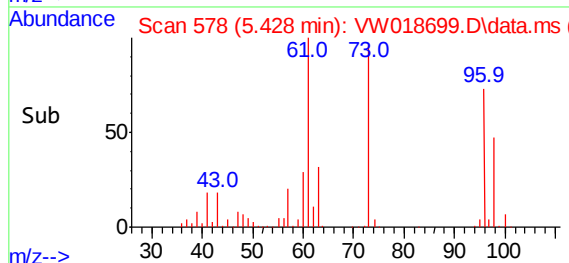
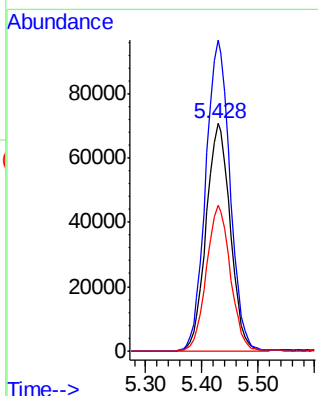
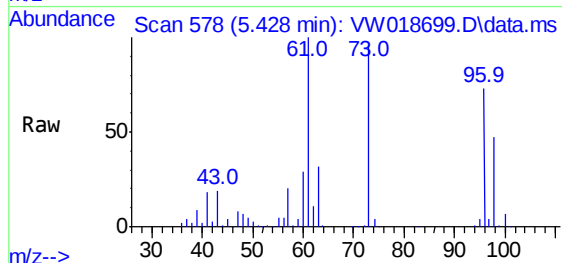




#17
trans-1,2-Dichloroethene
Concen: 22.35 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

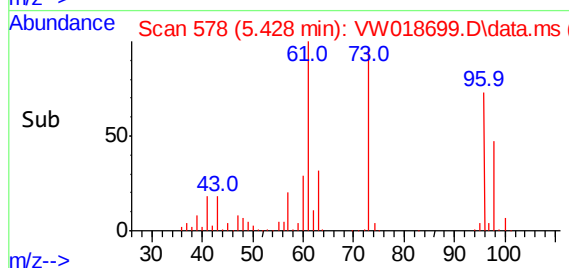
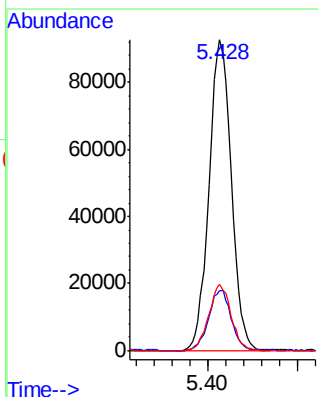
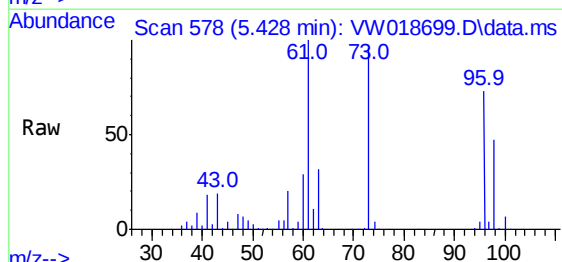
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

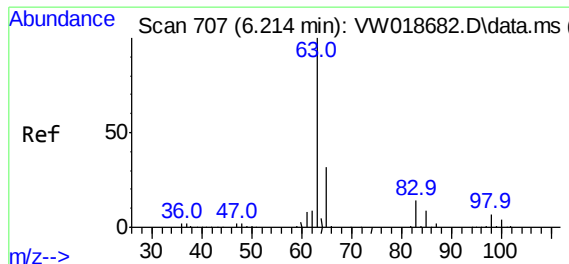
Tgt Ion: 96 Resp: 208480
Ion Ratio Lower Upper
96 100
61 136.8 98.3 182.7
98 64.0 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 25.57 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 73 Resp: 319139
Ion Ratio Lower Upper
73 100
43 19.6 17.7 26.5
57 21.2 17.0 25.4



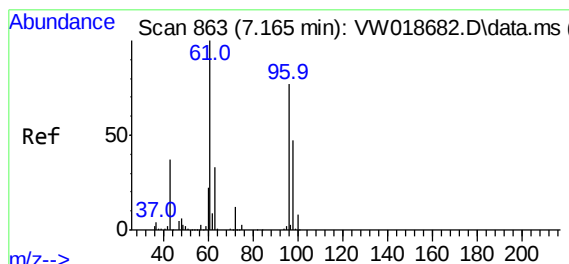
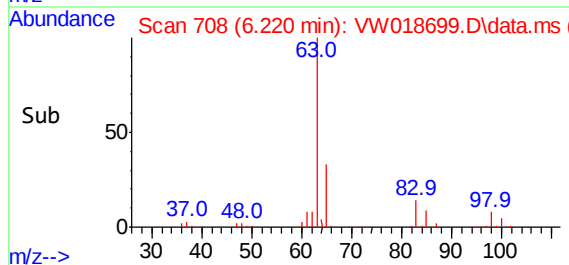
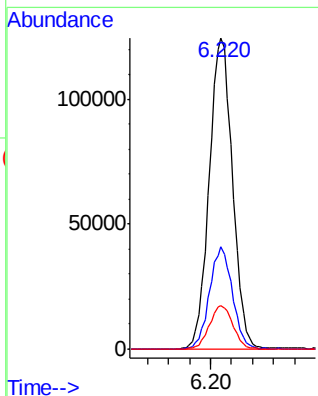
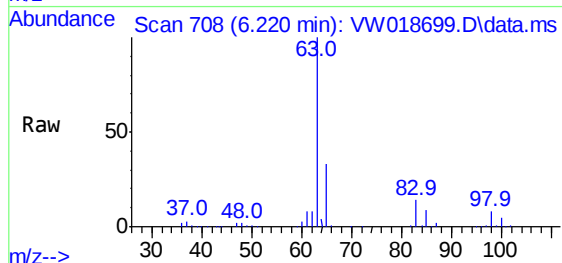


#19
1,1-Dichloroethane
Concen: 22.25 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion: 63 Resp: 381678

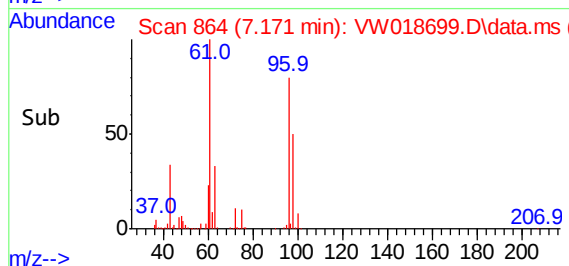
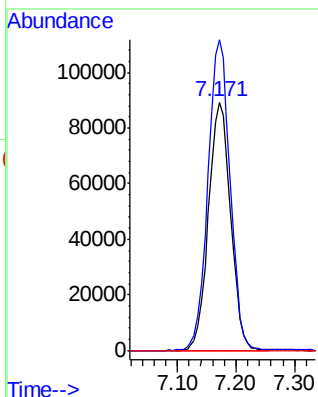
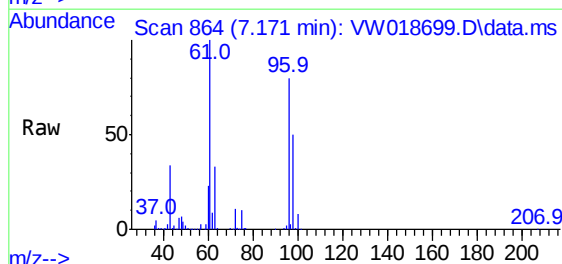
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.9	42.5
83	13.7	10.2	19.0

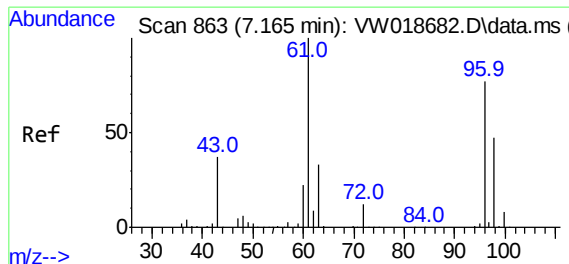


#20
cis-1,2-Dichloroethene
Concen: 23.53 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 96 Resp: 233490

Ion	Ratio	Lower	Upper
96	100		
61	125.0	88.5	164.3
68	0.0	0.0	0.0

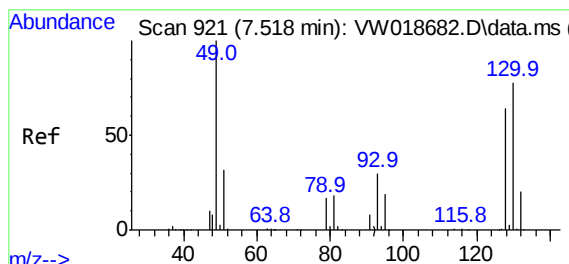
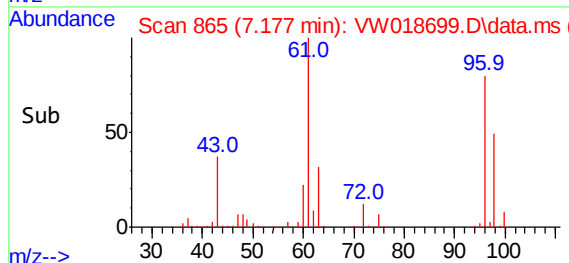
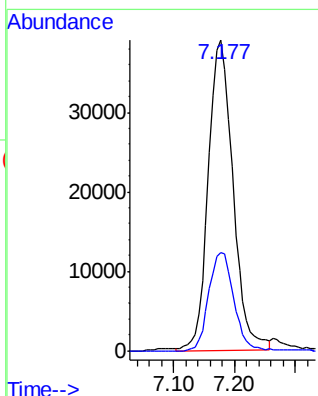
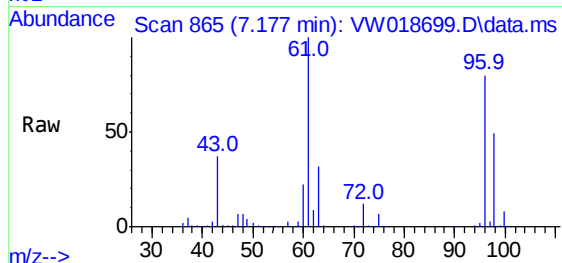




#22
2-Butanone
Concen: 43.56 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

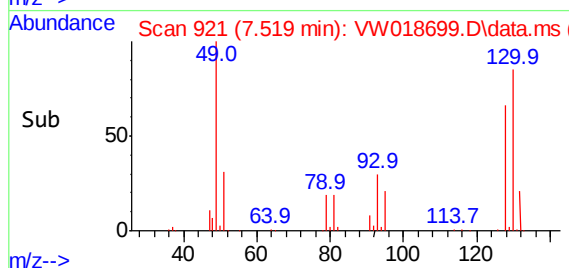
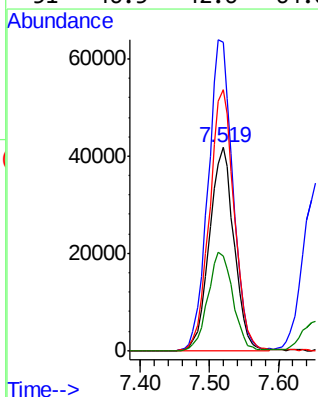
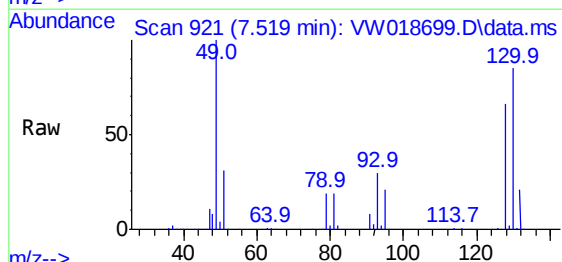
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

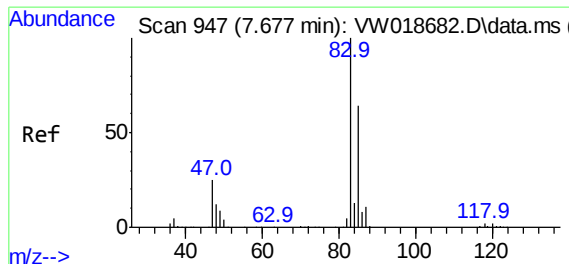
Tgt Ion: 43 Resp: 109652
Ion Ratio Lower Upper
43 100
72 31.9 14.9 44.7



#23
Bromochloromethane
Concen: 23.83 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 128 Resp: 102383
Ion Ratio Lower Upper
128 100
49 152.0 116.3 215.9
130 128.7 82.4 153.0
51 46.5 42.6 64.0

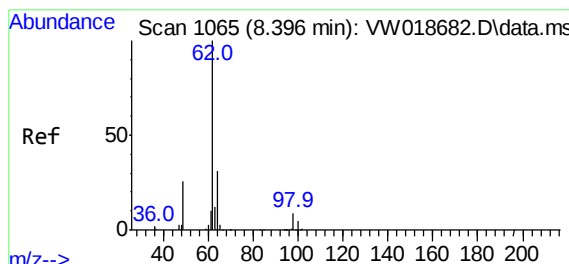
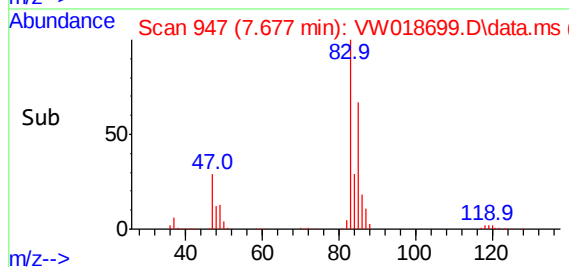
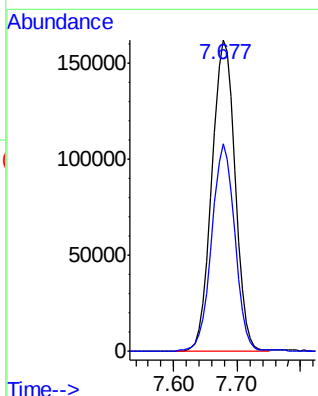
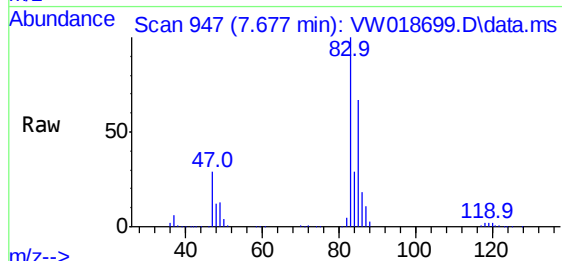




#25
Chloroform
Concen: 22.92 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

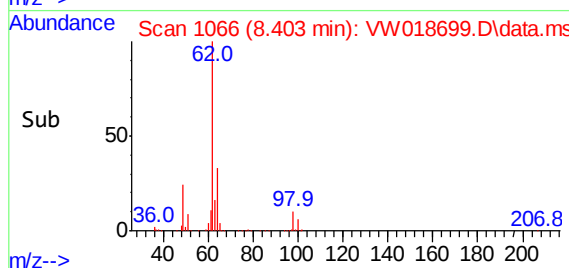
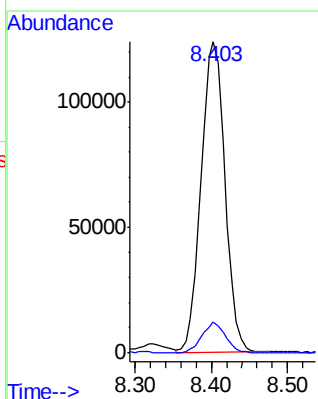
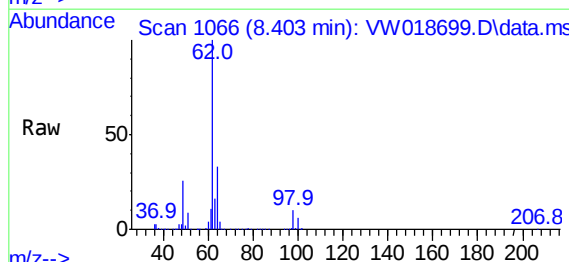
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

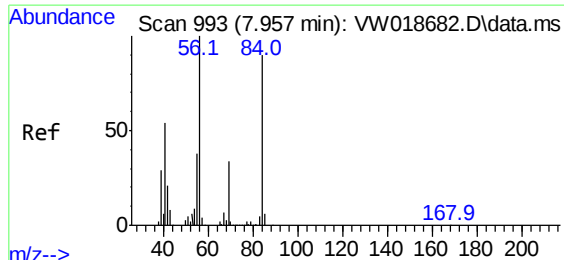
Tgt Ion: 83 Resp: 399135
Ion Ratio Lower Upper
83 100
85 66.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.68 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 62 Resp: 268750
Ion Ratio Lower Upper
62 100
98 9.7 6.9 10.3

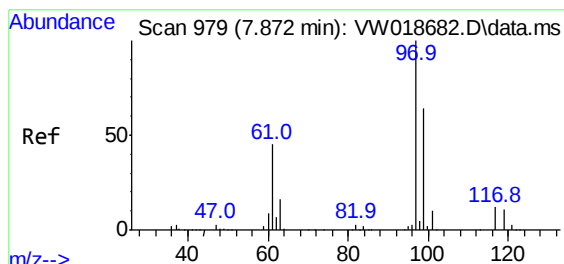
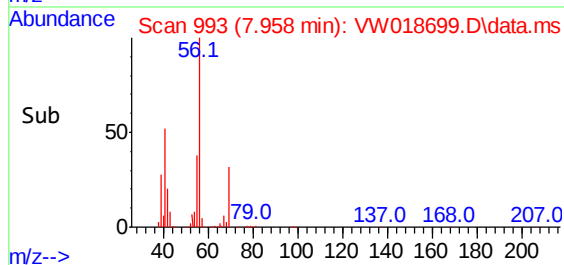
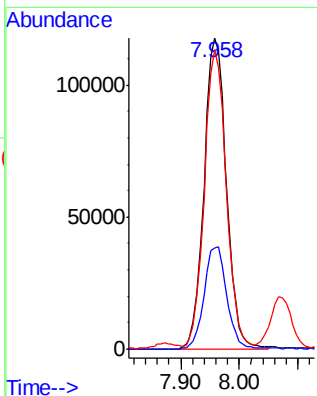
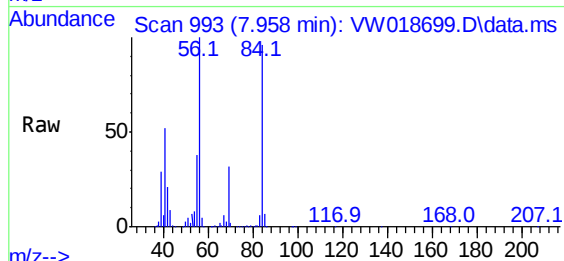




#29
Cyclohexane
Concen: 21.13 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

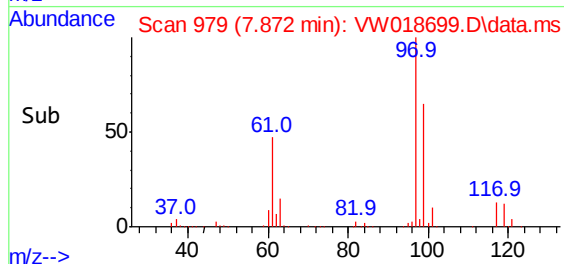
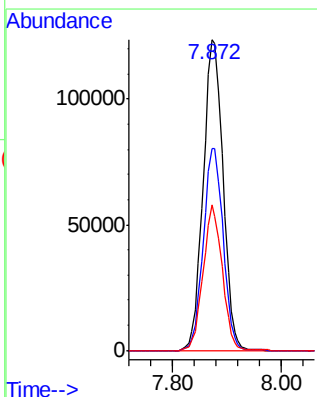
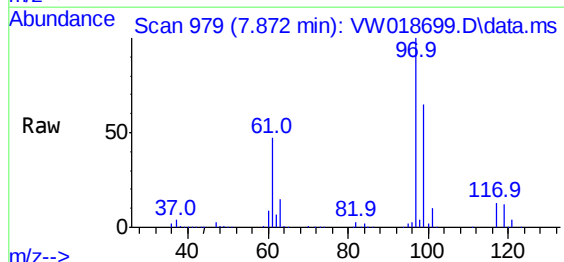
Instrument :
MSVOA_W
ClientSampled :
VSTD025114

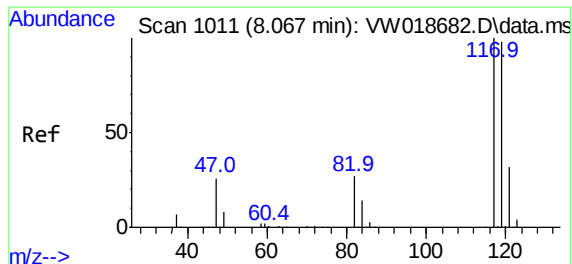
Tgt Ion: 56 Resp: 311790
Ion Ratio Lower Upper
56 100
69 33.0 24.5 36.7
84 93.7 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 23.86 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 97 Resp: 312863
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 44.8 37.8 56.6

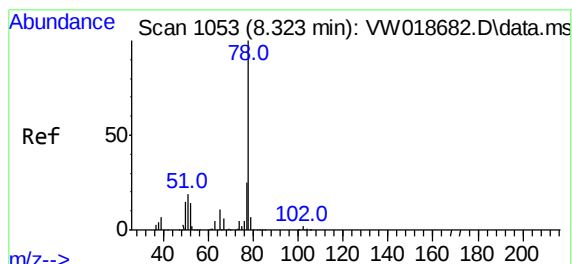
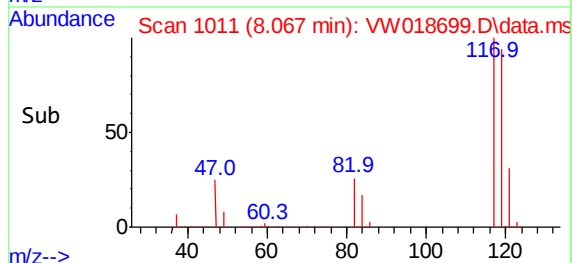
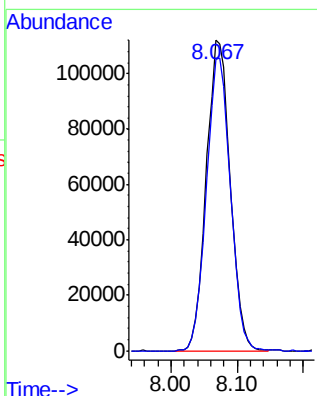
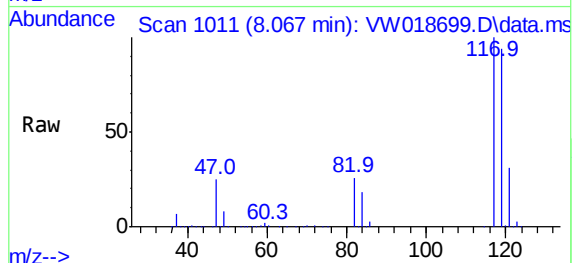




#31
Carbon tetrachloride
Concen: 23.63 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

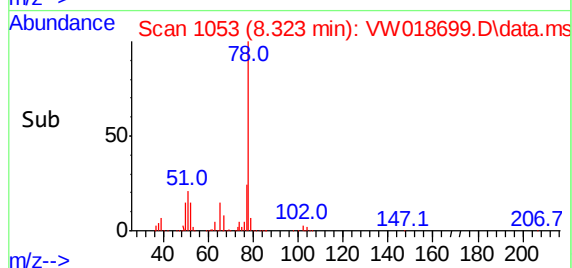
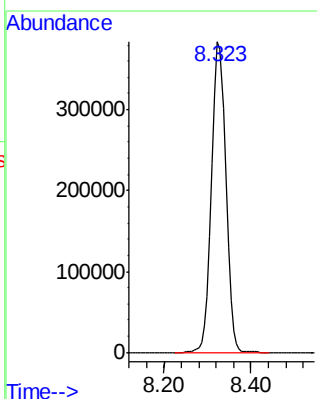
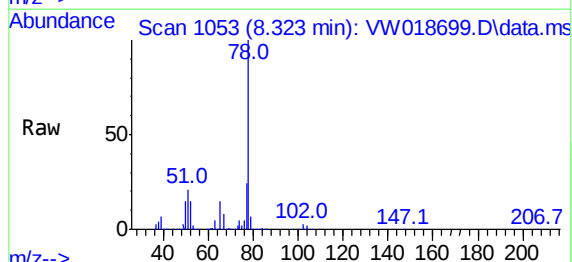
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

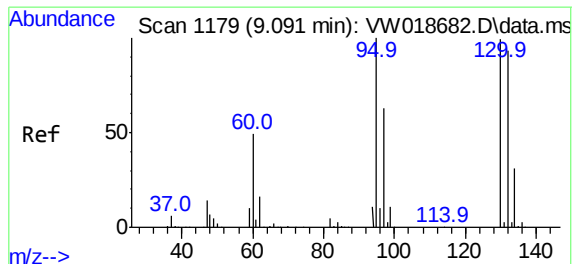
Tgt Ion:117 Resp: 279369
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7



#33
Benzene
Concen: 22.79 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 78 Resp: 857522

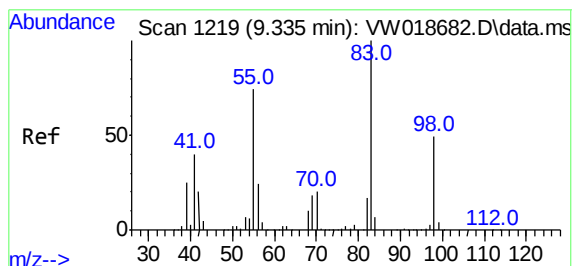
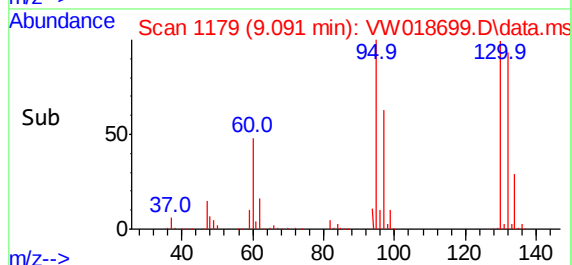
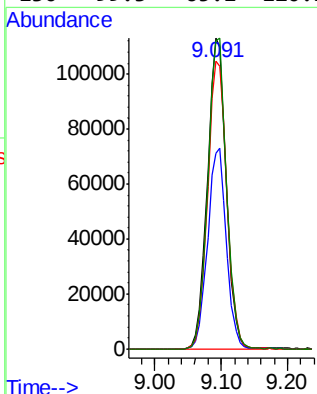
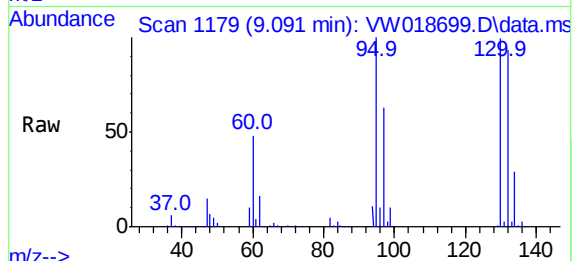




#34
Trichloroethene
Concen: 23.18 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

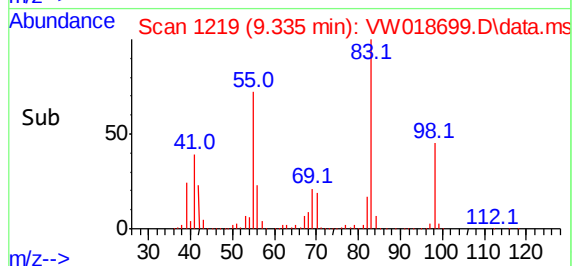
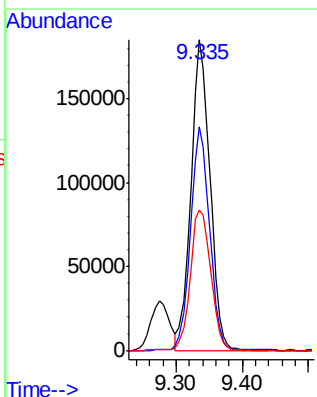
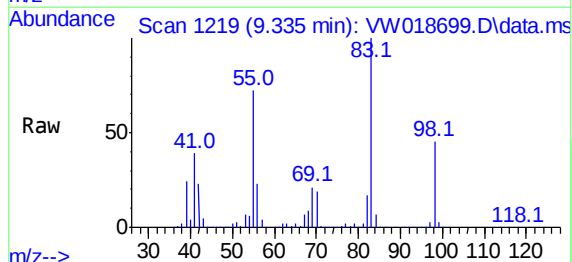
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

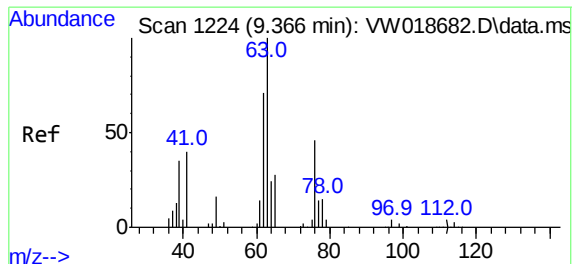
Tgt Ion: 95 Resp: 224548
Ion Ratio Lower Upper
95 100
97 62.8 47.3 87.8
132 92.6 71.0 131.8
130 99.3 65.1 120.9



#35
Methylcyclohexane
Concen: 21.96 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 83 Resp: 369732
Ion Ratio Lower Upper
83 100
55 72.3 58.9 88.3
98 48.3 40.1 60.1

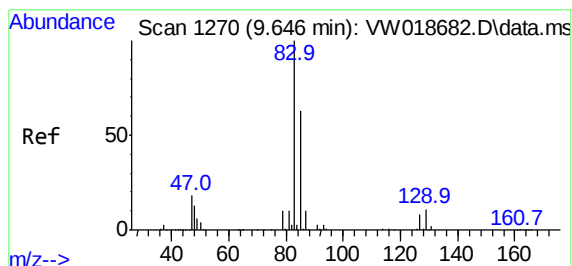
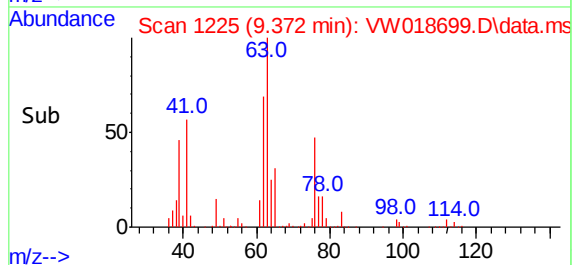
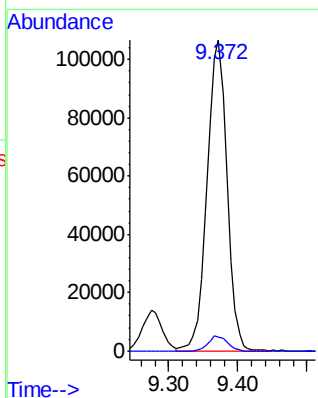
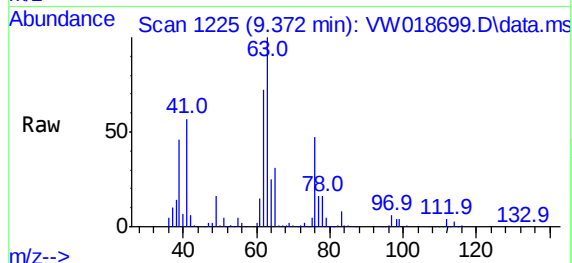




#37
1,2-Dichloropropane
Concen: 22.22 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

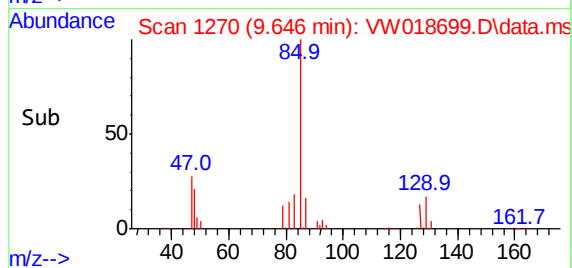
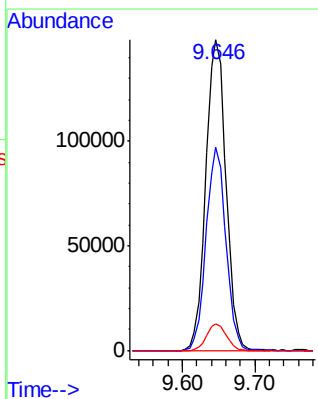
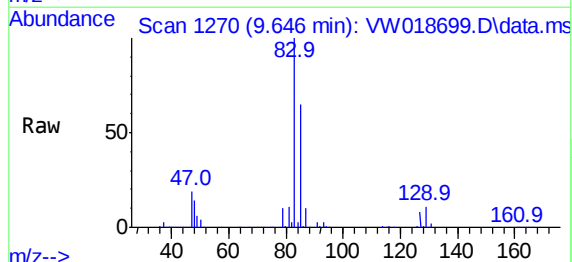
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

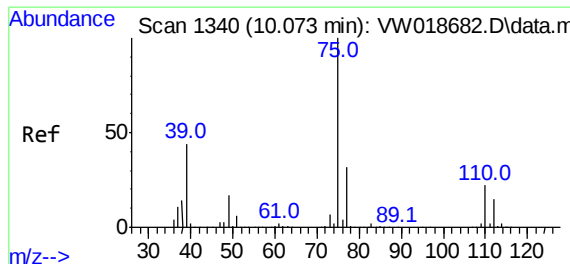
Tgt Ion: 63 Resp: 211624
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 23.53 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 83 Resp: 285211
Ion Ratio Lower Upper
83 100
85 65.2 42.3 78.5
127 8.4 6.6 9.8

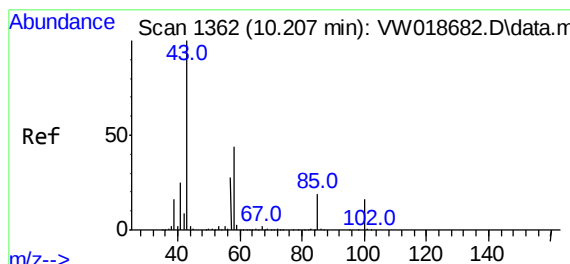
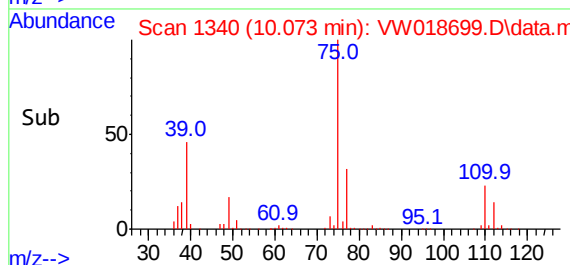
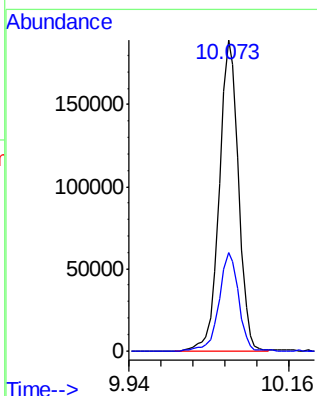
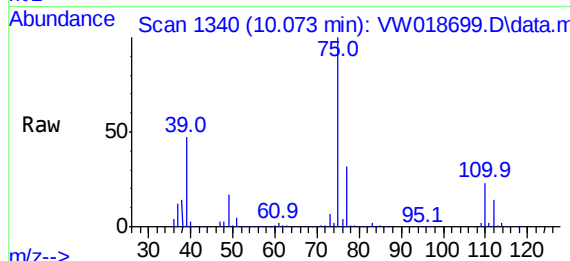




#39
cis-1,3-Dichloropropene
Concen: 24.20 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

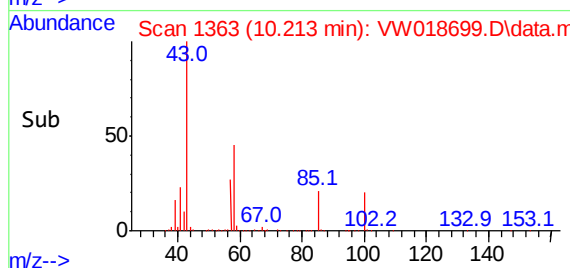
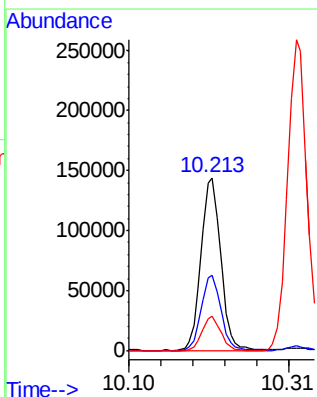
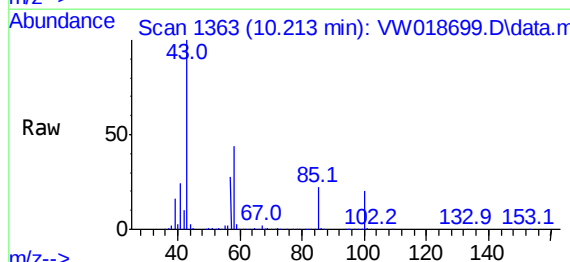
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

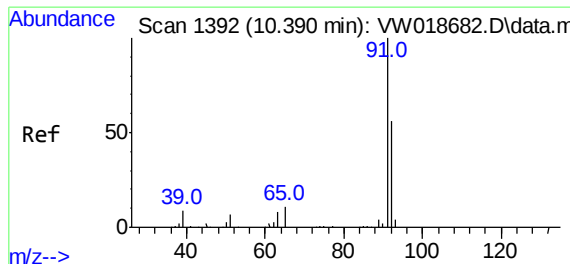
Tgt Ion: 75 Resp: 342091
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 43.77 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 43 Resp: 256128
Ion Ratio Lower Upper
43 100
58 43.5 31.0 46.4
100 18.5 13.0 19.6

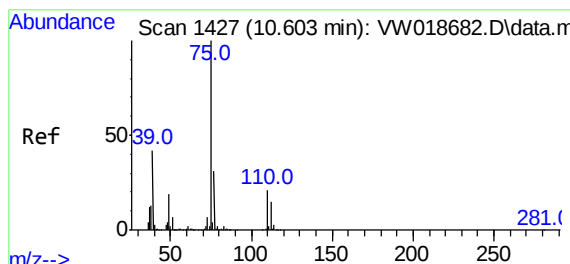
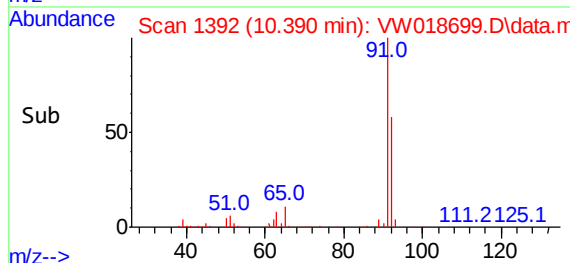
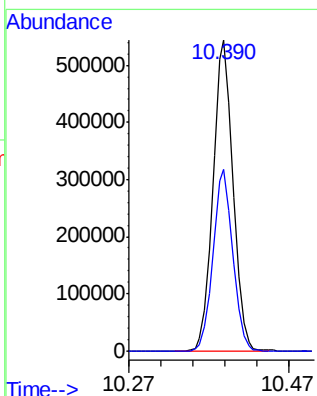
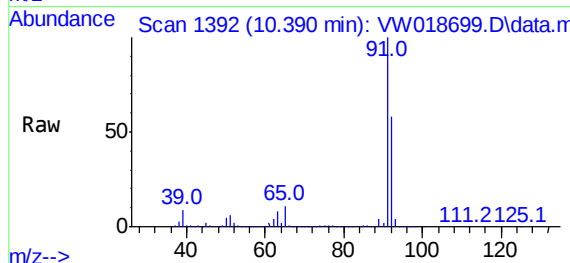




#42
Toluene
Concen: 23.32 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

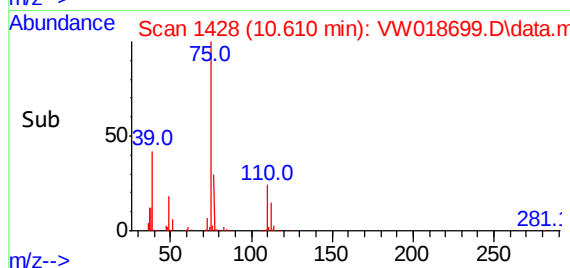
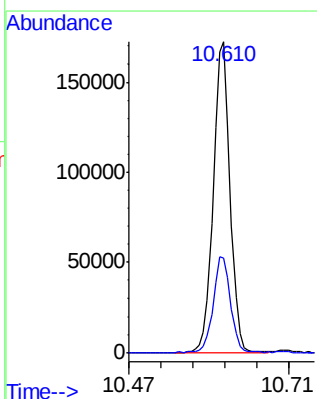
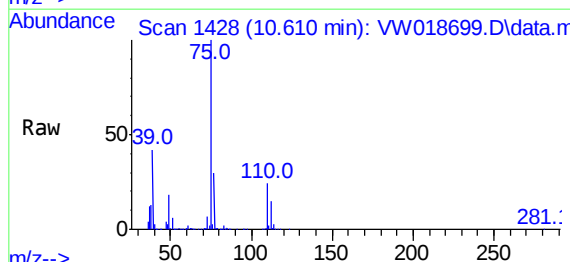
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

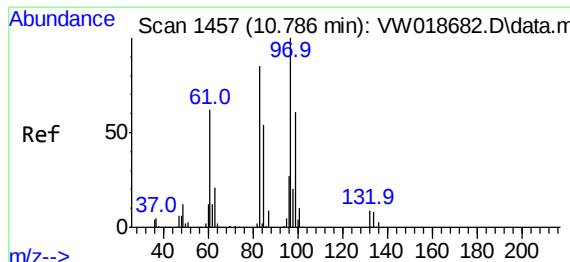
Tgt Ion: 91 Resp: 941802
Ion Ratio Lower Upper
91 100
92 58.4 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 24.49 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 75 Resp: 302319
Ion Ratio Lower Upper
75 100
77 30.3 21.1 39.1



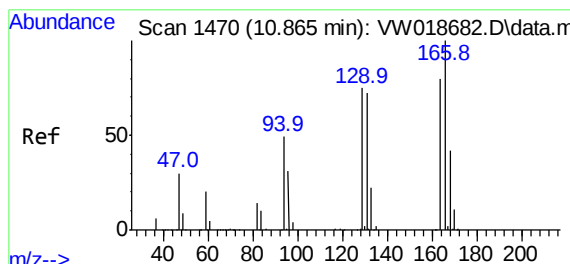
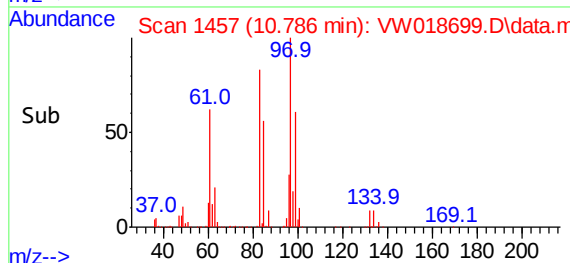
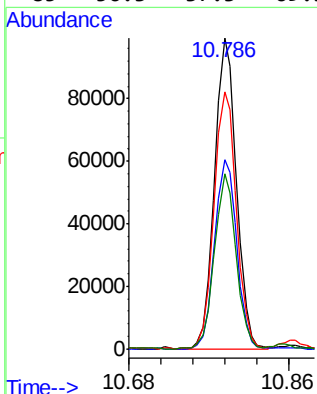
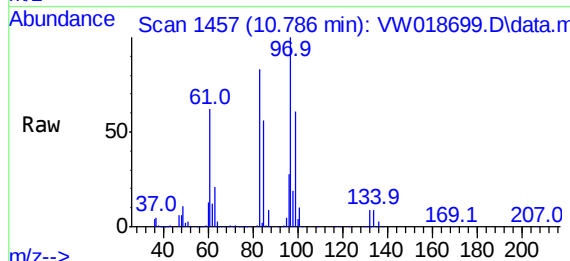


#45
1,1,2-Trichloroethane
Concen: 23.88 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion: 97 Resp: 168732

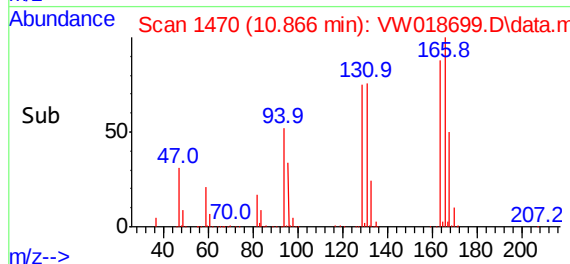
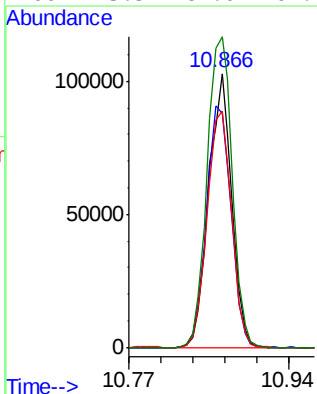
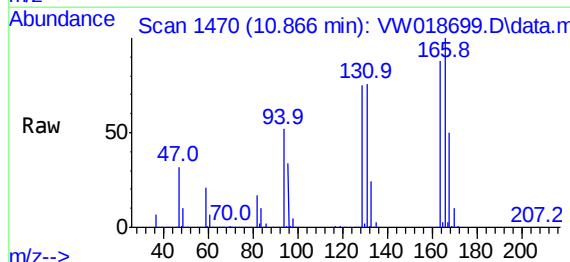
Ion	Ratio	Lower	Upper
97	100		
99	60.9	45.1	83.7
83	82.9	58.1	107.9
85	56.3	37.3	69.3

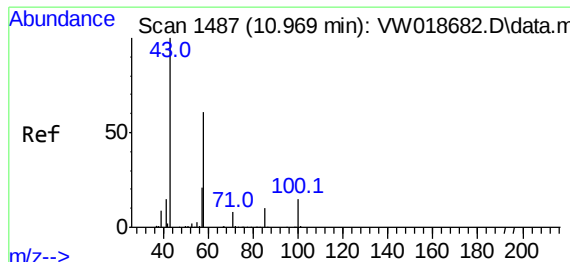


#46
Tetrachloroethene
Concen: 24.90 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 164 Resp: 170416

Ion	Ratio	Lower	Upper
164	100		
129	85.7	66.7	123.9
131	86.4	61.1	113.5
166	113.5	87.0	161.6



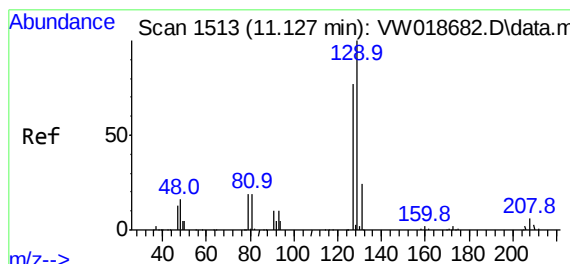
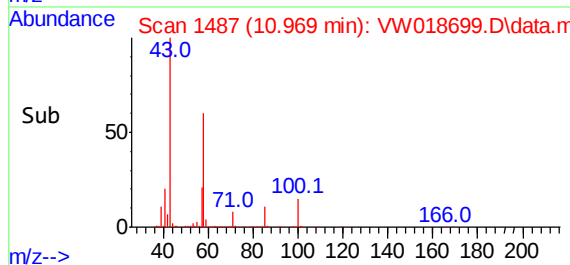
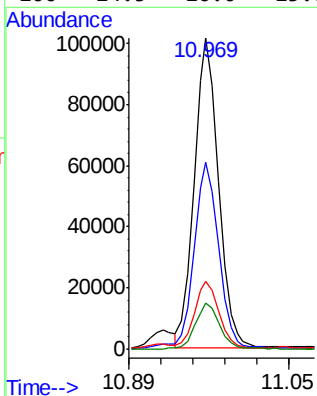
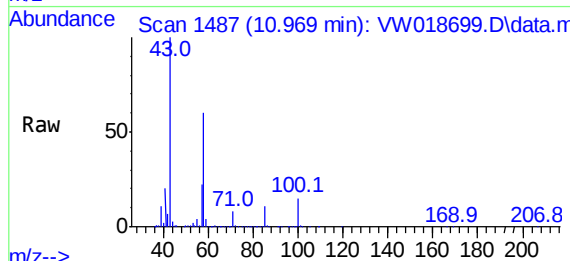


#48
2-Hexanone
Concen: 45.89 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion: 43 Resp: 169759

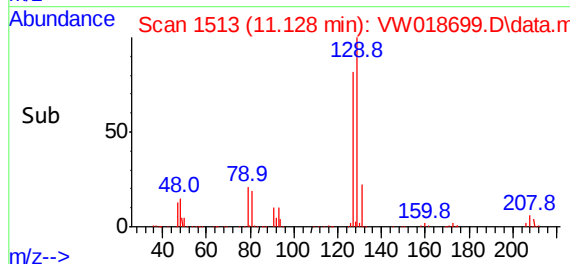
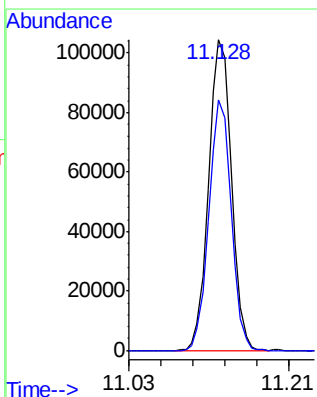
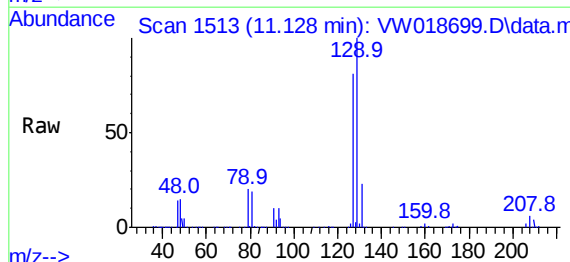
Ion	Ratio	Lower	Upper
43	100		
58	58.6	42.7	64.1
57	21.6	15.8	23.8
100	14.5	10.0	15.0

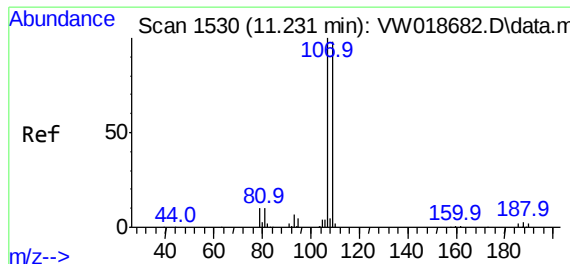


#49
Dibromochloromethane
Concen: 24.66 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 129 Resp: 185676

Ion	Ratio	Lower	Upper
129	100		
127	80.9	51.7	95.9

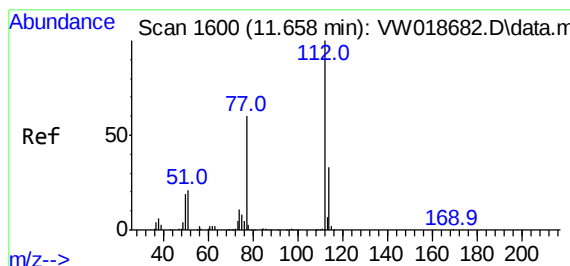
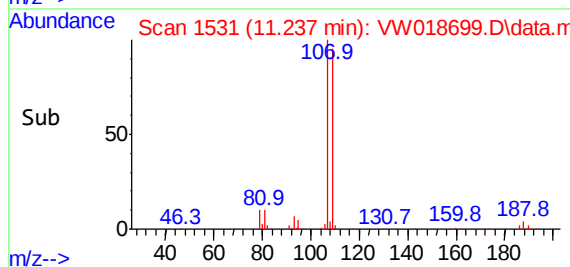
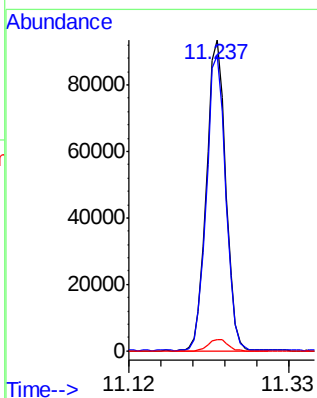
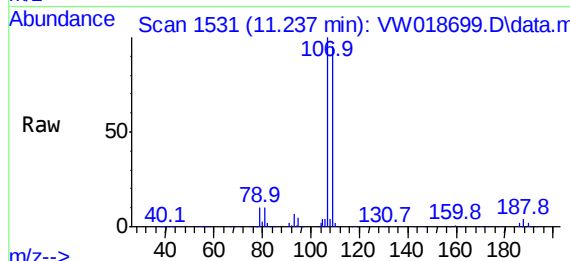




#50
1,2-Dibromoethane
Concen: 24.35 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

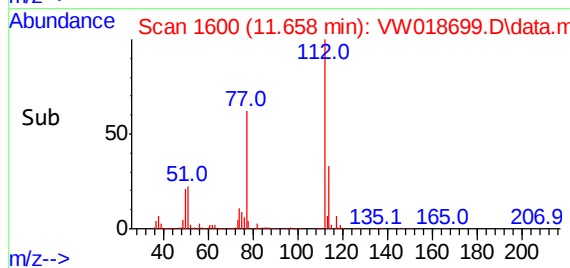
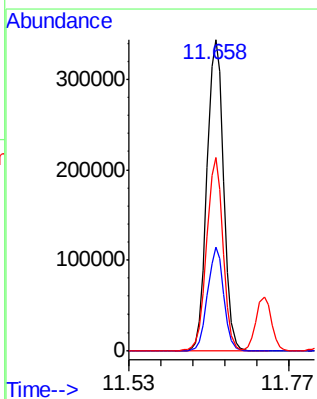
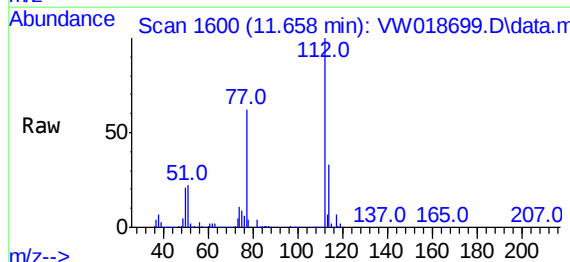
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

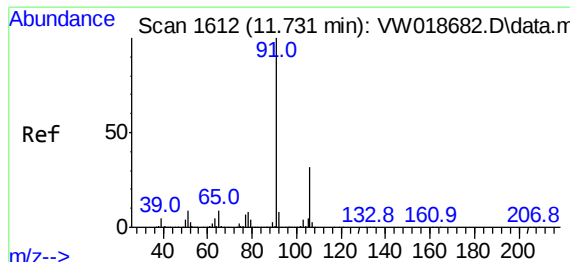
Tgt Ion:107 Resp: 163727
Ion Ratio Lower Upper
107 100
109 95.1 65.4 121.4
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 23.78 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion:112 Resp: 591178
Ion Ratio Lower Upper
112 100
114 33.1 23.4 43.6
77 62.2 47.6 71.4

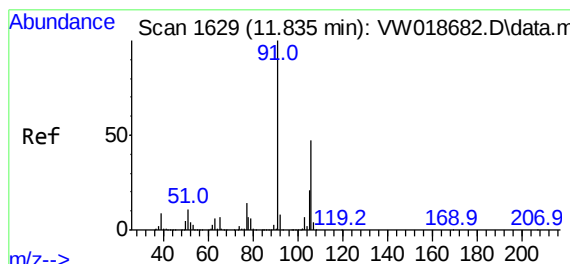
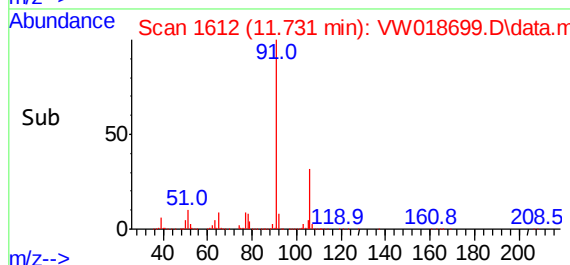
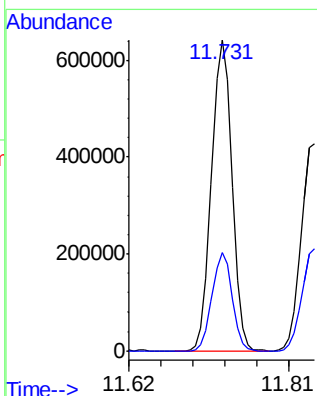
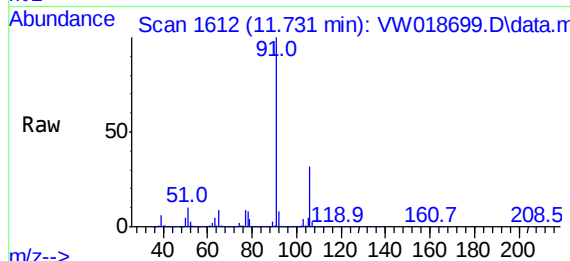




#52
Ethylbenzene
Concen: 23.44 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

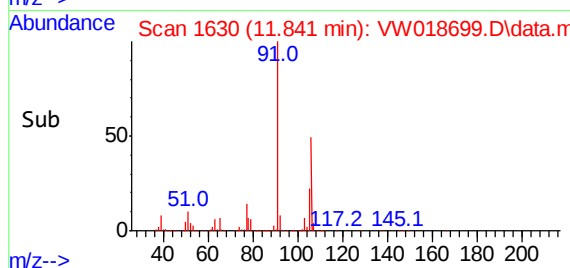
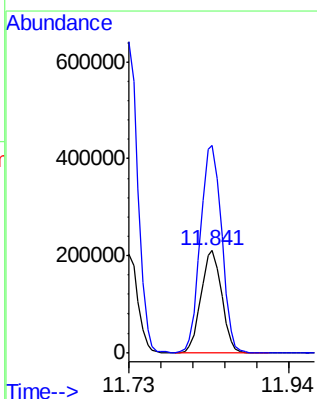
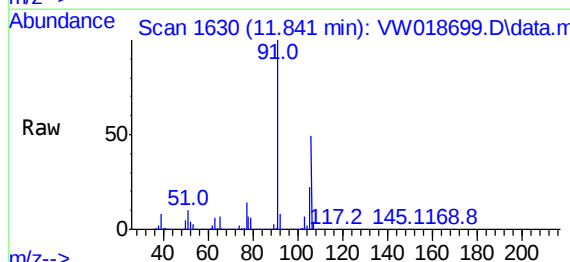
Instrument :
MSVOA_W
ClientSampled :
VSTD025114

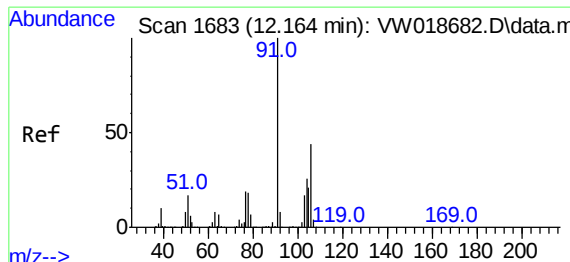
Tgt Ion: 91 Resp: 1045585
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.7



#53
m,p-Xylene
Concen: 23.98 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 106 Resp: 392511
Ion Ratio Lower Upper
106 100
91 202.7 141.3 262.3

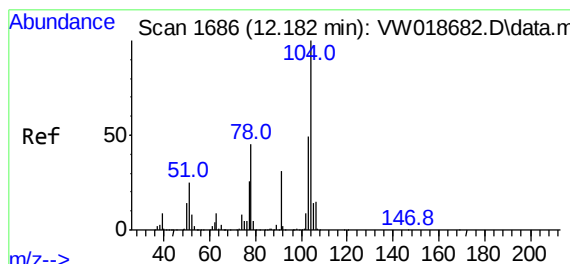
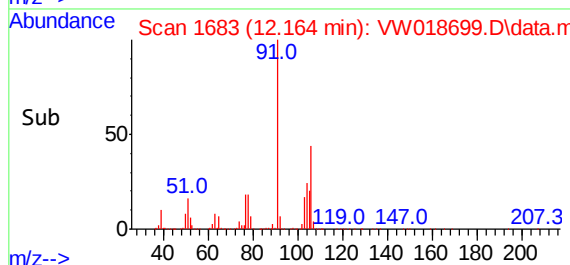
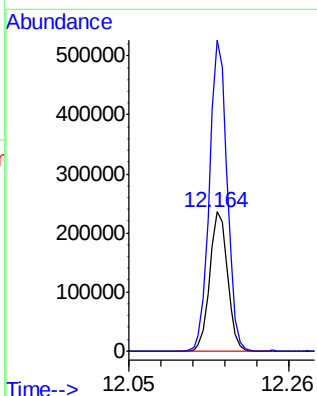
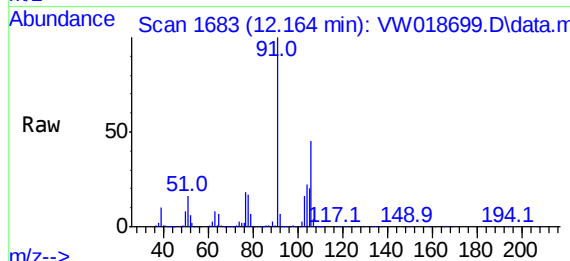




#54
o-Xylene
Concen: 24.16 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

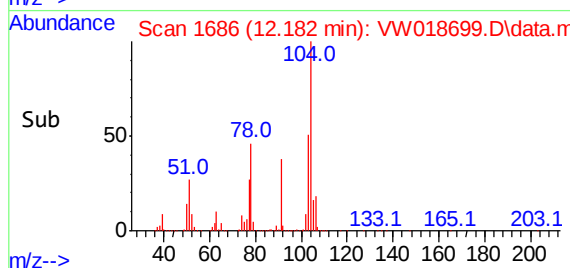
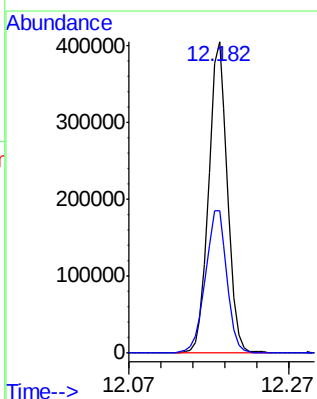
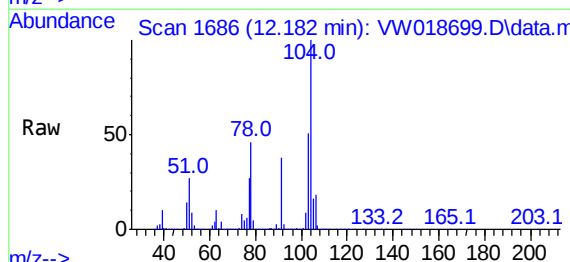
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

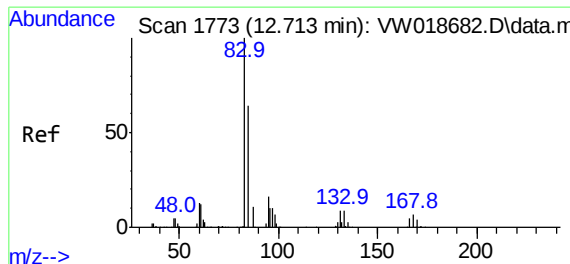
Tgt Ion:106 Resp: 379666
Ion Ratio Lower Upper
106 100
91 223.8 150.0 278.6



#55
Styrene
Concen: 24.14 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion:104 Resp: 656184
Ion Ratio Lower Upper
104 100
78 45.8 32.5 60.3

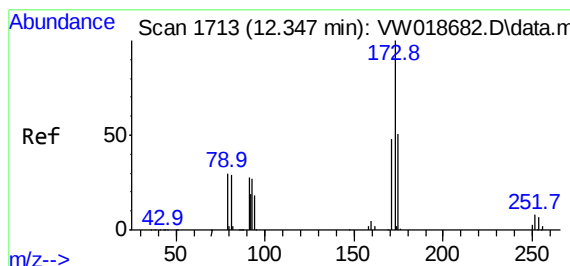
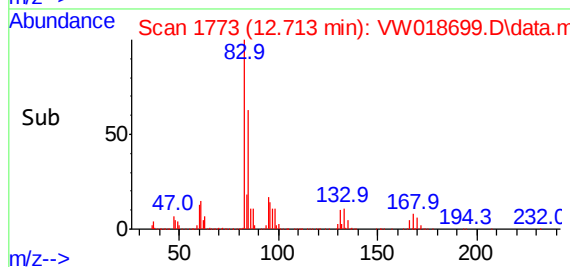
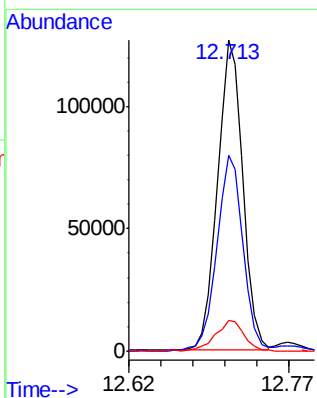
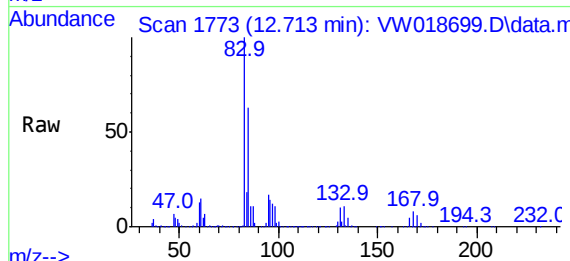




#57
1,1,2,2-Tetrachloroethane
Concen: 23.32 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

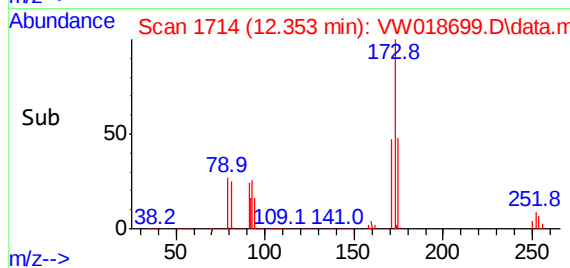
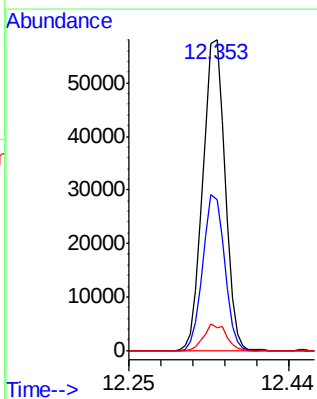
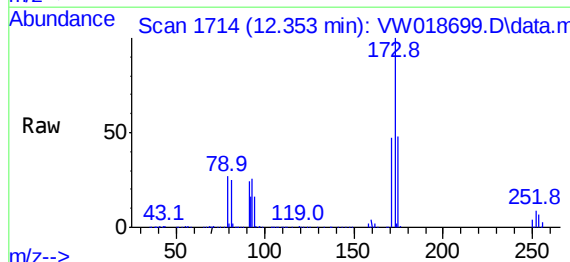
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

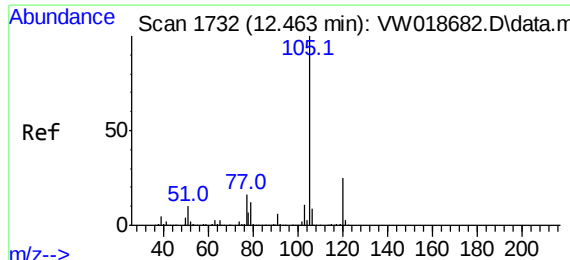
Tgt Ion: 83 Resp: 205241
Ion Ratio Lower Upper
83 100
85 62.9 44.4 82.4
131 9.6 8.2 12.4



#59
Bromoform
Concen: 23.31 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

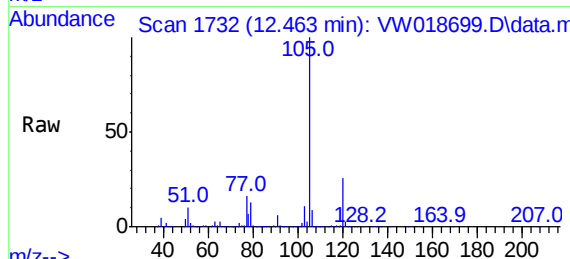
Tgt Ion: 173 Resp: 101708
Ion Ratio Lower Upper
173 100
175 49.1 37.5 56.3
254 8.5 7.0 10.4





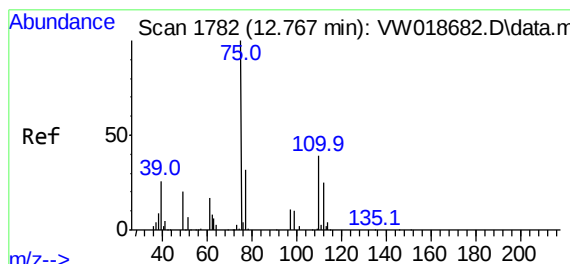
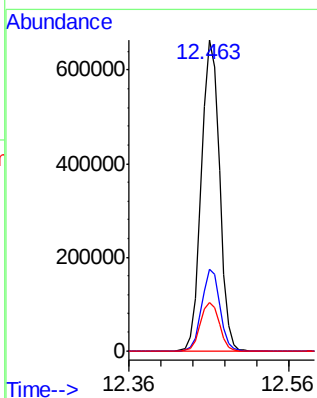
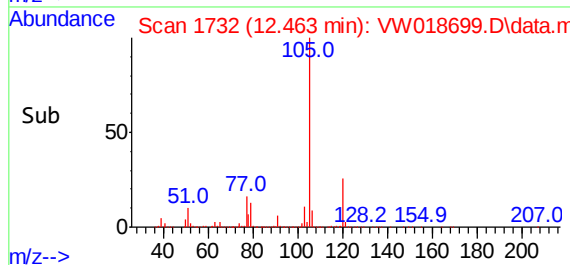
#60
Isopropylbenzene
Concen: 23.09 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

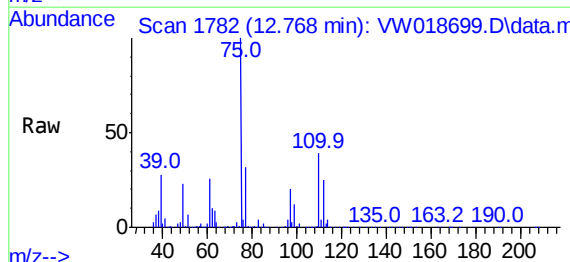


Tgt Ion:105 Resp: 1039382

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.1	31.7
77	16.2	13.2	19.8

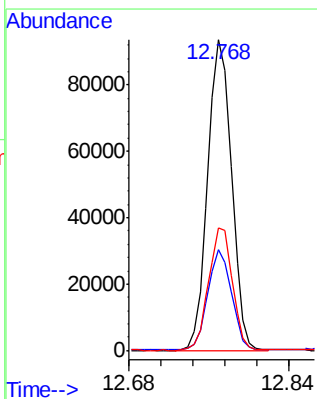
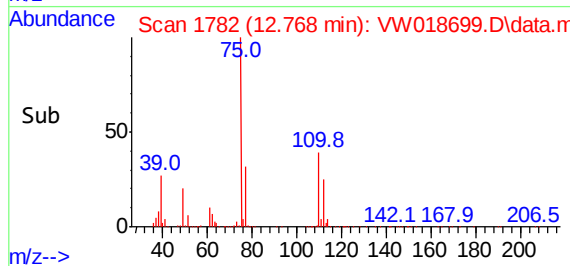


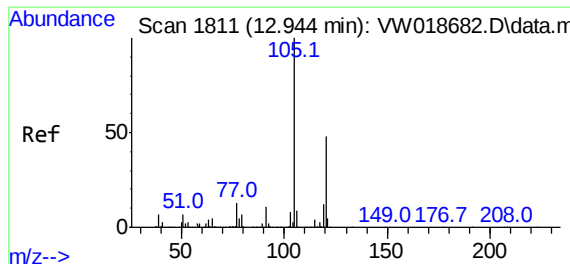
#61
1,2,3-Trichloropropane
Concen: 21.80 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24



Tgt Ion: 75 Resp: 152450

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9
110	39.2	32.6	48.8

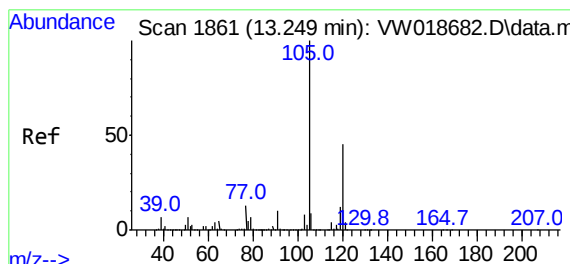
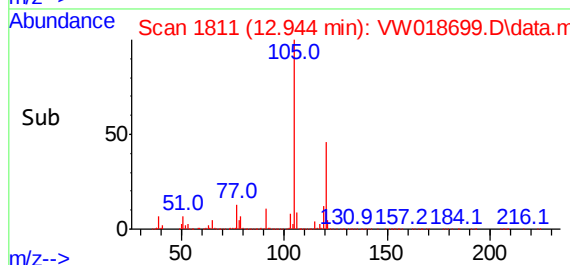
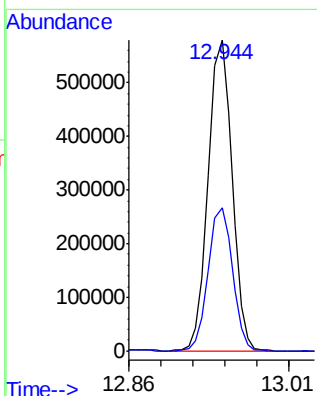
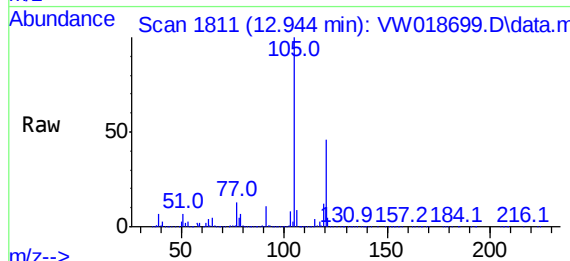




#62
 1,3,5-Trimethylbenzene
 Concen: 23.69 ug/L
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW018699.D
 Acq: 20 Apr 2021 18:24

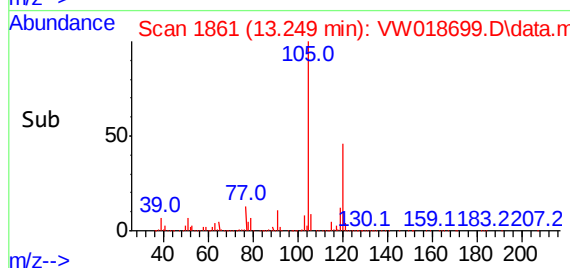
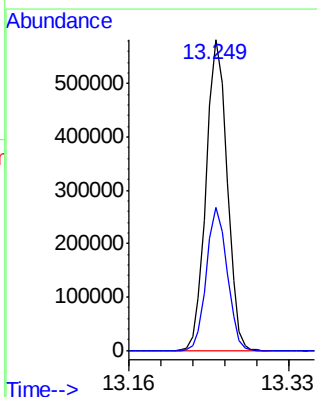
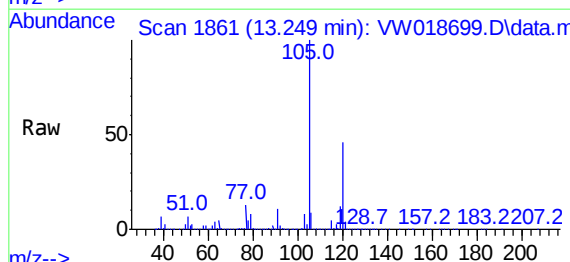
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025114

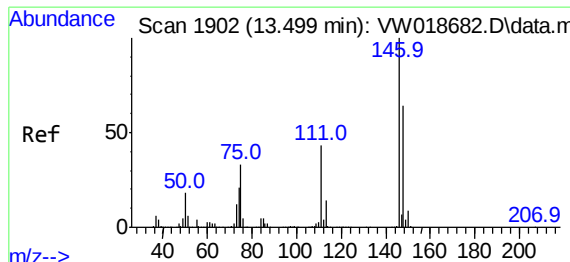
Tgt Ion:105 Resp: 883524
 Ion Ratio Lower Upper
 105 100
 120 46.9 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 23.65 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW018699.D
 Acq: 20 Apr 2021 18:24

Tgt Ion:105 Resp: 879985
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.6 53.4

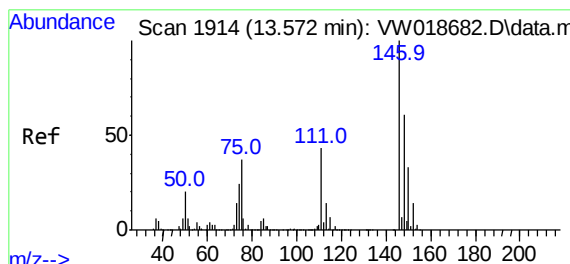
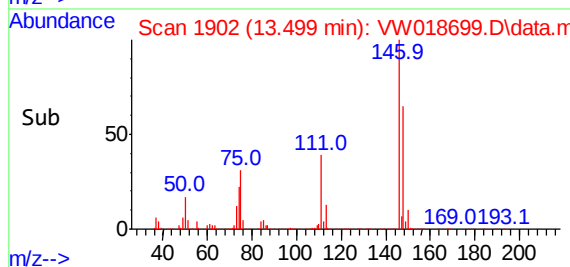
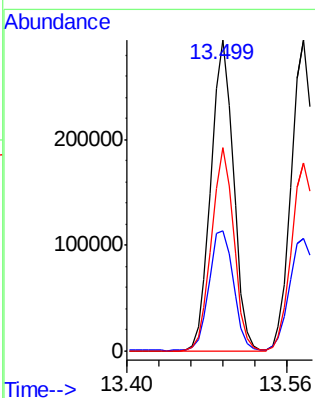
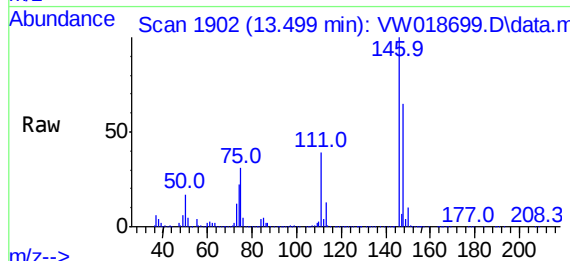




#64
1,3-Dichlorobenzene
Concen: 23.73 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

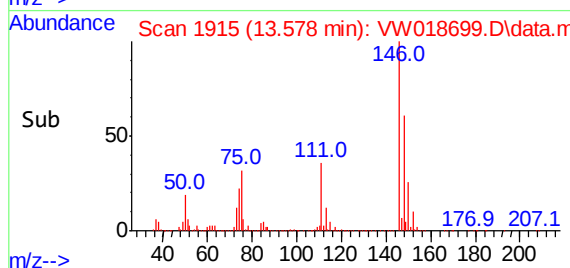
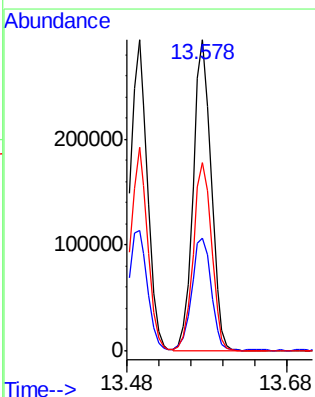
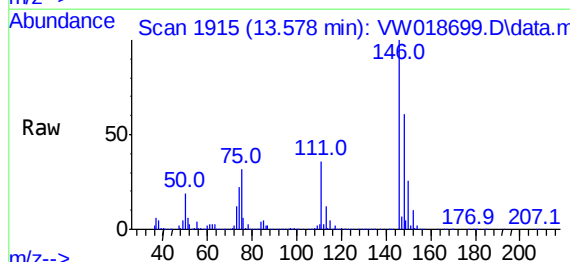
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

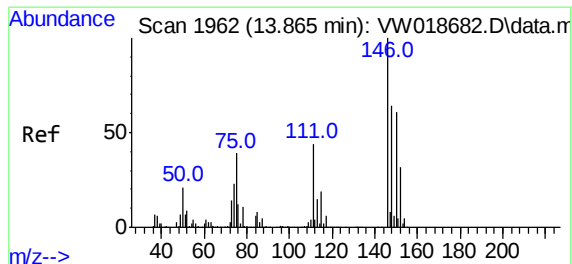
Tgt Ion:146 Resp: 452588
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 65.3 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 23.73 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion:146 Resp: 457926
Ion Ratio Lower Upper
146 100
111 36.0 28.8 53.4
148 60.6 46.8 87.0

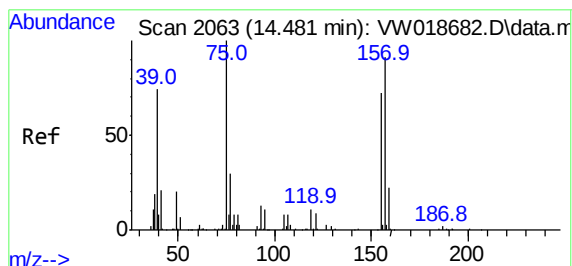
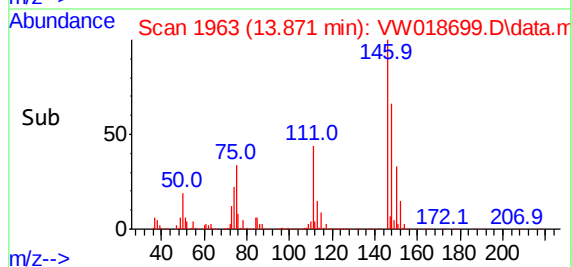
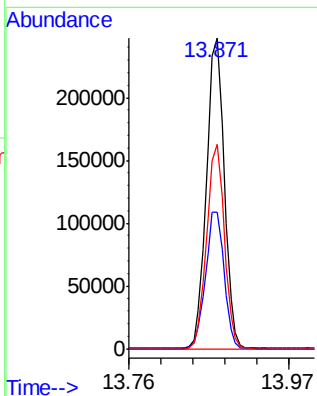
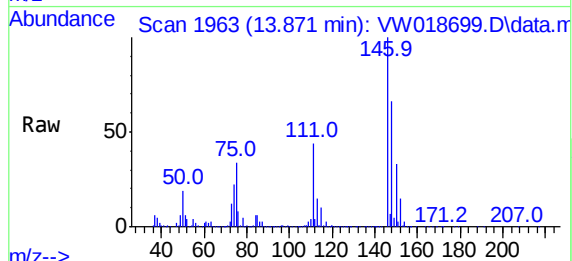




#67
1,2-Dichlorobenzene
Concen: 22.86 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

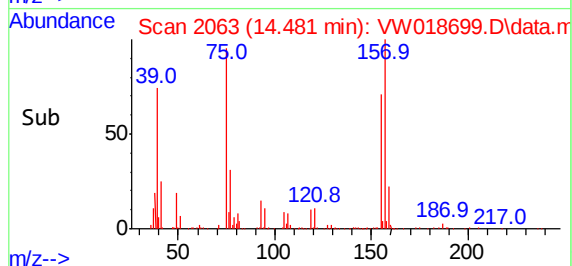
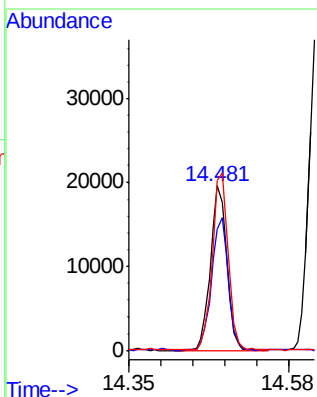
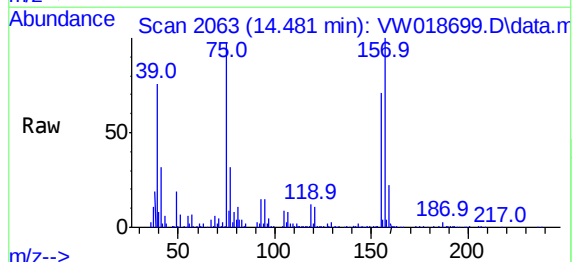
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

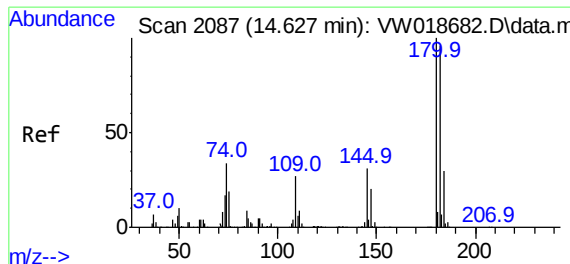
Tgt Ion:146 Resp: 401238
Ion Ratio Lower Upper
146 100
111 43.9 33.2 49.8
148 65.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 22.20 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion: 75 Resp: 32258
Ion Ratio Lower Upper
75 100
155 73.5 59.4 89.0
157 103.4 72.2 108.2

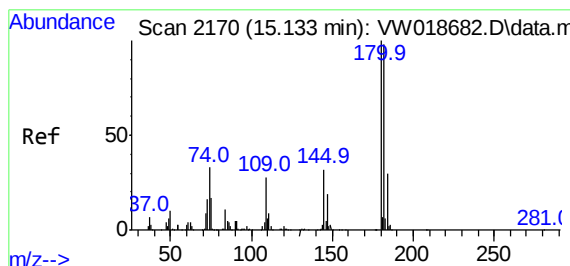
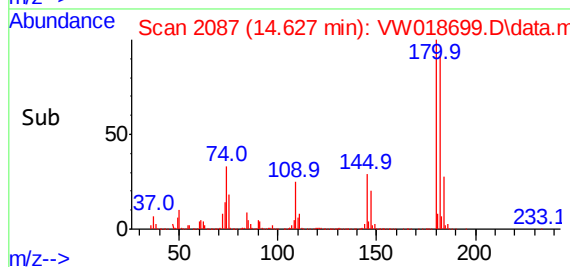
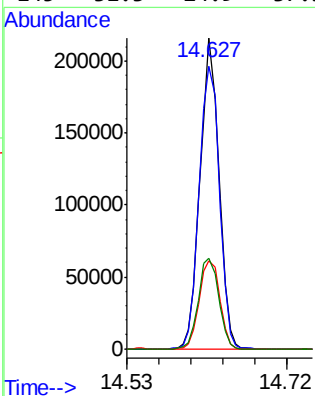
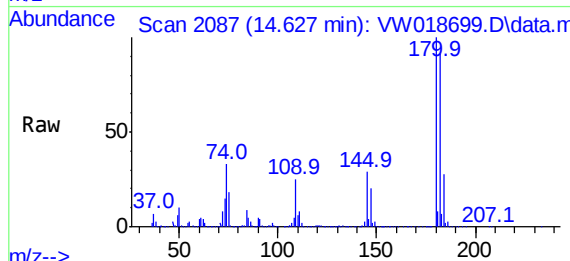




#69
1,3,5-Trichlorobenzene
Concen: 23.56 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

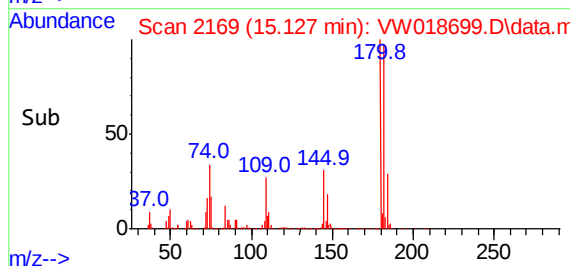
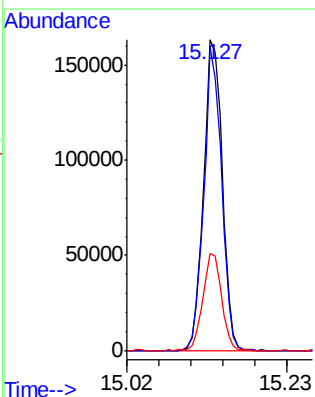
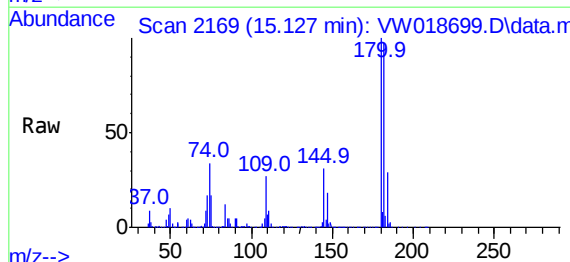
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

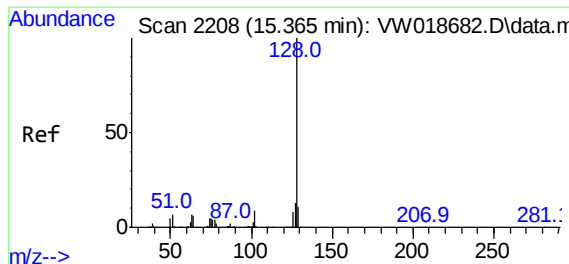
Tgt Ion:180 Resp: 320890
Ion Ratio Lower Upper
180 100
182 97.5 73.4 110.2
184 31.0 23.6 35.4
145 31.3 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 24.95 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion:180 Resp: 276576
Ion Ratio Lower Upper
180 100
182 92.4 74.7 112.1
145 31.1 25.0 37.4

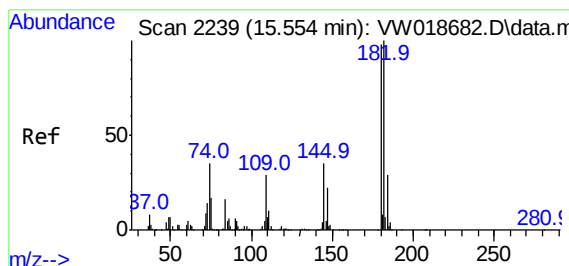
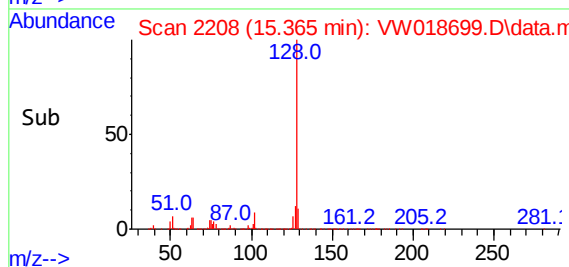
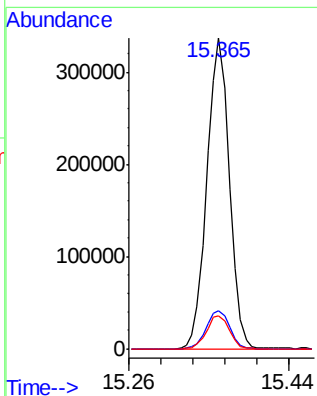
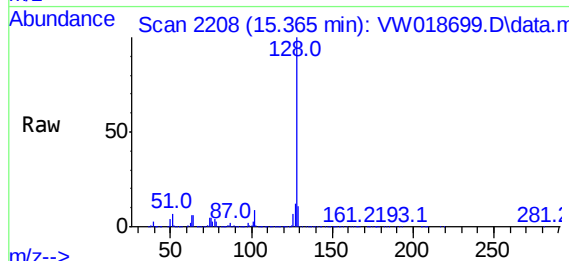




#71
Naphthalene
Concen: 25.13 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion:128 Resp: 586914
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.98 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018699.D
Acq: 20 Apr 2021 18:24

Tgt Ion:180 Resp: 244359
Ion Ratio Lower Upper
180 100
182 93.0 76.7 115.1
145 32.6 28.9 43.3

