

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
 Data File : VW018504.D
 Acq On : 31 Mar 2021 10:41
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005101

Quant Time: Mar 31 12:02:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 31 12:01:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	458934	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	423684	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	212255	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	34941	6.32	ug/L	0.00
7) Chloroethane-d5	2.885	69	28714	6.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	57182	5.47	ug/L	0.00
21) 2-Butanone-d5	7.080	46	13693	11.71	ug/L	0.00
24) Chloroform-d	7.653	84	57504	5.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	35584	6.06	ug/L	0.00
32) Benzene-d6	8.275	84	109470	4.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	31695	5.11	ug/L	0.00
41) Toluene-d8	10.323	98	103277	4.86	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	14366	5.04	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	10569	10.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	27279	5.22	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	35097	4.66	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	25669	4.61	ug/L	93
3) Chloromethane	2.215	50	29839	6.37	ug/L	95
5) Vinyl chloride	2.367	62	49355	7.20	ug/L	94
6) Bromomethane	2.782	94	35250	7.41	ug/L	92
8) Chloroethane	2.928	64	28239	7.24	ug/L	96
9) Trichlorofluoromethane	3.263	101	20682	4.79	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	31377	5.24	ug/L #	89
12) 1,1-Dichloroethene	4.044	96	30146	5.15	ug/L	96
13) Acetone	4.123	43	10808	13.32	ug/L	88
14) Carbon disulfide	4.391	76	89114	4.95	ug/L	96
15) Methyl Acetate	4.678	43	12845	6.09	ug/L #	84
16) Methylene chloride	4.915	84	35161	5.47	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	32498	5.19	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	42428	6.48	ug/L	99
19) 1,1-Dichloroethane	6.220	63	55278	5.52	ug/L	94
20) cis-1,2-Dichloroethene	7.177	96	34544	5.29	ug/L	98
22) 2-Butanone	7.171	43	15285	11.67	ug/L	99
23) Bromochloromethane	7.519	128	15864	5.16	ug/L	81
25) Chloroform	7.671	83	62002	5.69	ug/L	95
27) 1,2-Dichloroethane	8.397	62	43548	6.35	ug/L	99
29) Cyclohexane	7.958	56	50107	5.67	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	47584	5.37	ug/L	99
31) Carbon tetrachloride	8.067	117	44007	5.15	ug/L	100
33) Benzene	8.323	78	126852	5.39	ug/L	100
34) Trichloroethene	9.092	95	35663	5.42	ug/L	90
35) Methylcyclohexane	9.335	83	58474	5.37	ug/L	98
37) 1,2-Dichloropropane	9.372	63	30072	5.46	ug/L #	95
38) Bromodichloromethane	9.646	83	42030	5.44	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	46312	5.21	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	35917	12.12	ug/L	95
42) Toluene	10.390	91	139699	5.36	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	42194	5.44	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

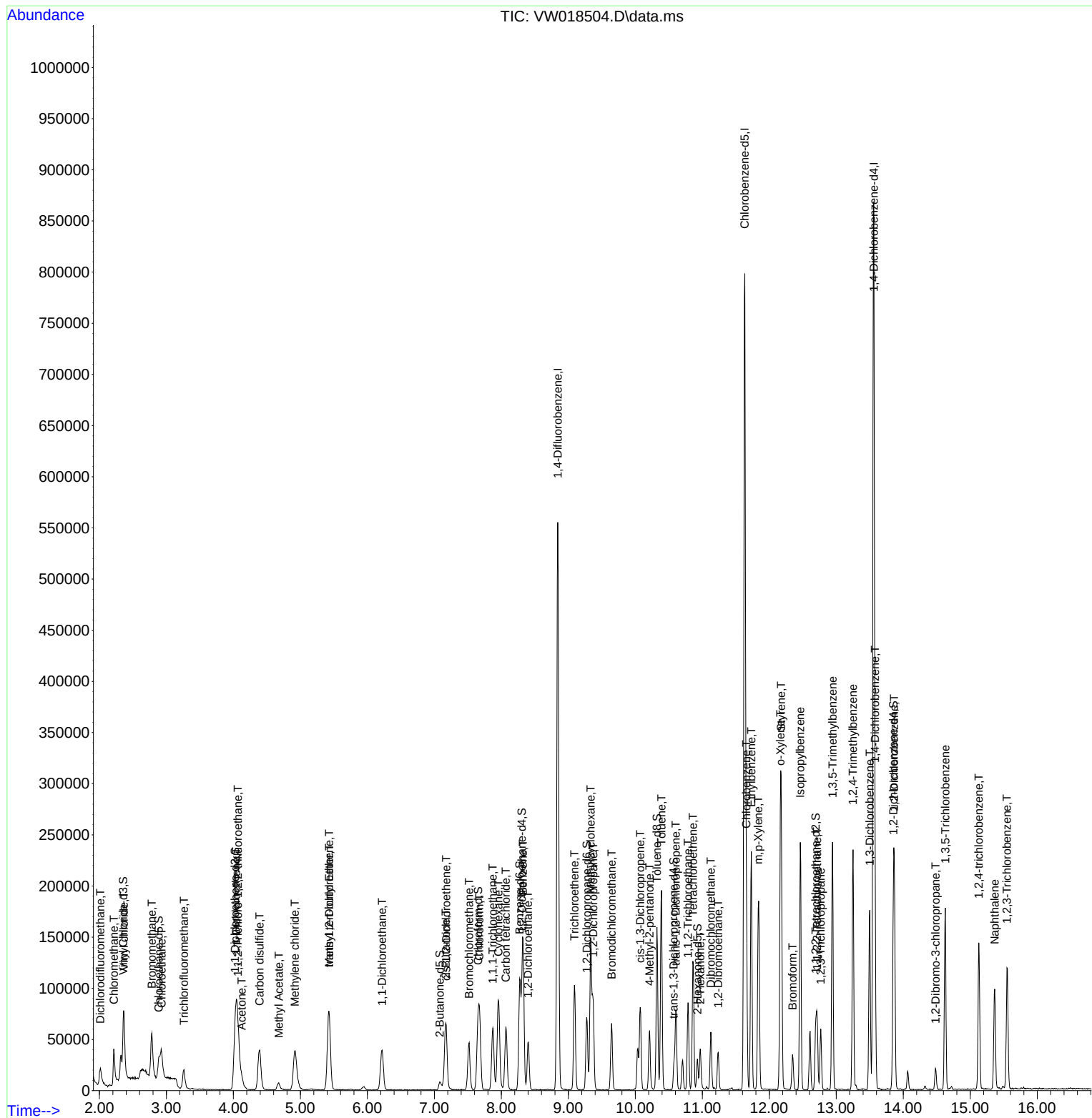
45) 1,1,2-Trichloroethane	10.786	97	24723	5.48	ug/L	97
46) Tetrachloroethene	10.860	164	26079	4.60	ug/L	93
48) 2-Hexanone	10.969	43	25727	12.64	ug/L	96
49) Dibromochloromethane	11.128	129	27508	4.97	ug/L	97
50) 1,2-Dibromoethane	11.238	107	24791	5.60	ug/L	88
51) Chlorobenzene	11.658	112	90076	5.21	ug/L	95
52) Ethylbenzene	11.731	91	158215	5.36	ug/L	98
53) m,p-Xylene	11.835	106	57068	5.03	ug/L	92
54) o-Xylene	12.164	106	55115	5.10	ug/L	85
55) Styrene	12.176	104	89719	4.89	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	30249	5.78	ug/L #	97
59) Bromoform	12.347	173	14313	4.65	ug/L	96
60) Isopropylbenzene	12.463	105	153050	5.43	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	22351	6.02	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	127633	5.38	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	125137	5.28	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	66914	4.98	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	70102	5.21	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	61440	5.10	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5205	6.33	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	49079	4.82	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	42814	5.13	ug/L	98
71) Naphthalene	15.365	128	82963	5.44	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	36653	4.98	ug/L	98

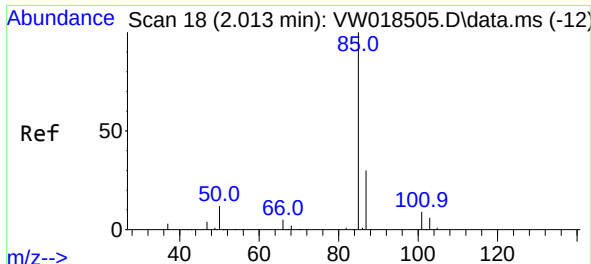
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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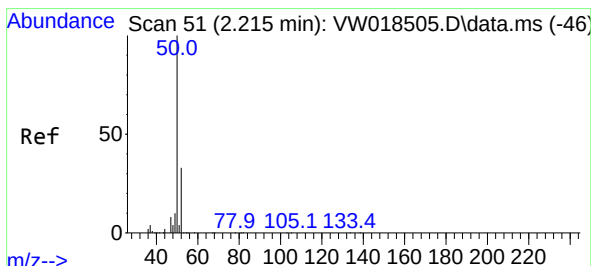
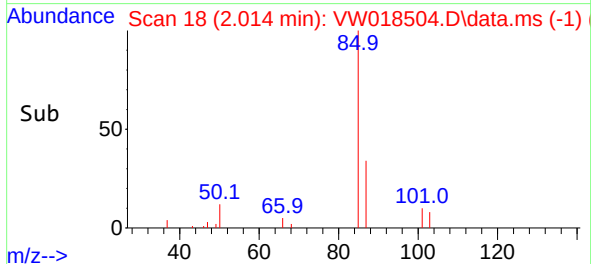
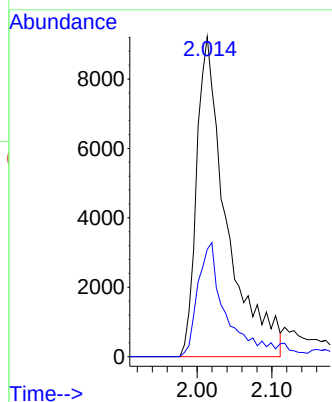
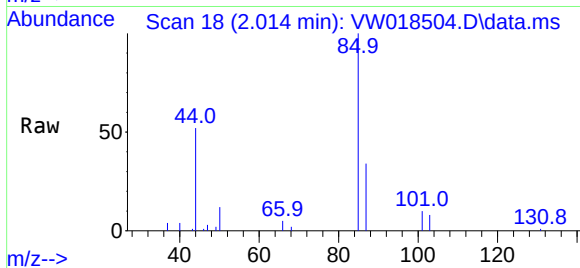




#2
Dichlorodifluoromethane
Concen: 4.61 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

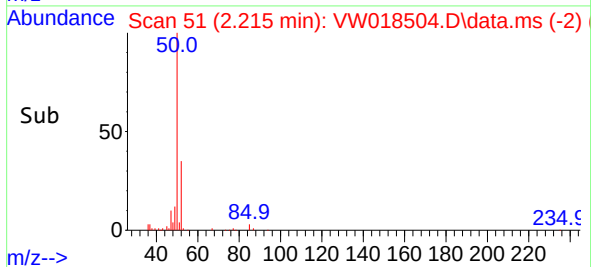
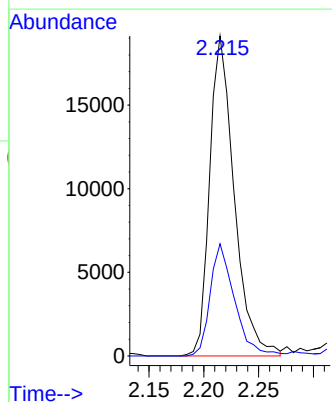
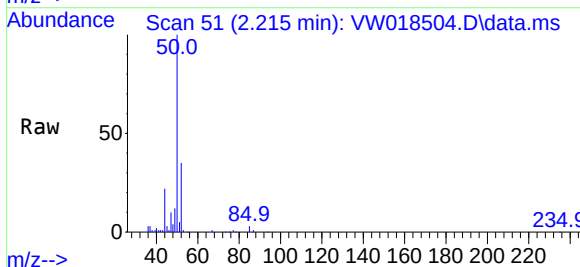
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

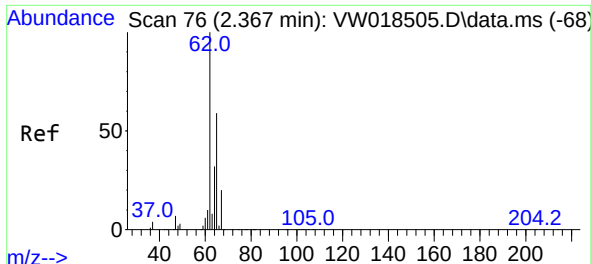
Tgt Ion: 85 Resp: 25669
Ion Ratio Lower Upper
85 100
87 33.1 23.3 34.9



#3
Chloromethane
Concen: 6.37 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 50 Resp: 29839
Ion Ratio Lower Upper
50 100
52 35.0 22.5 41.9

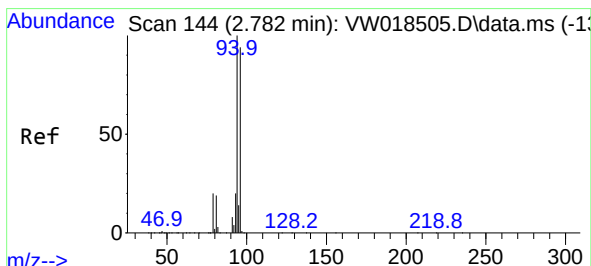
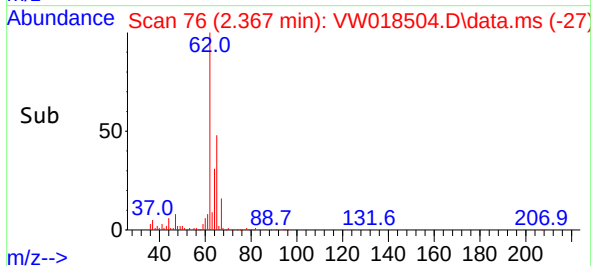
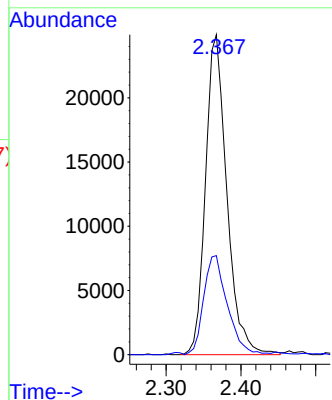
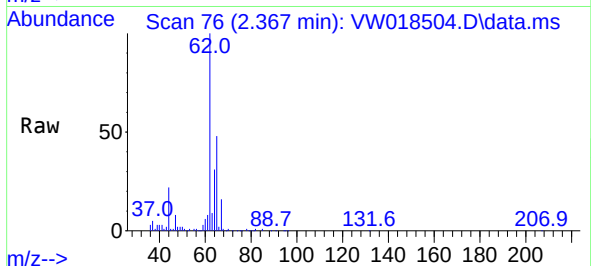




#5
 Vinyl chloride
 Concen: 7.20 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018504.D
 Acq: 31 Mar 2021 10:41

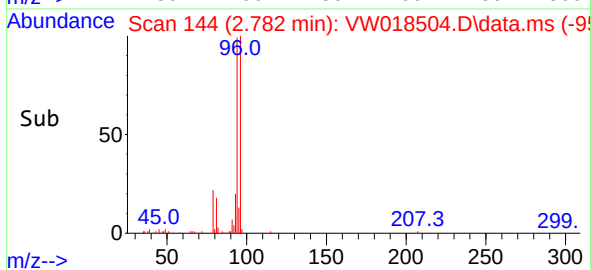
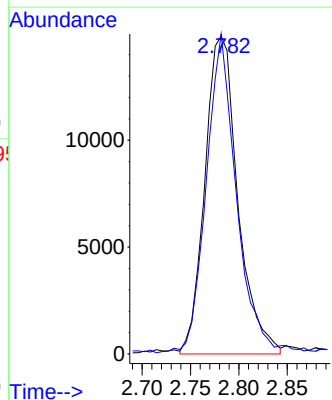
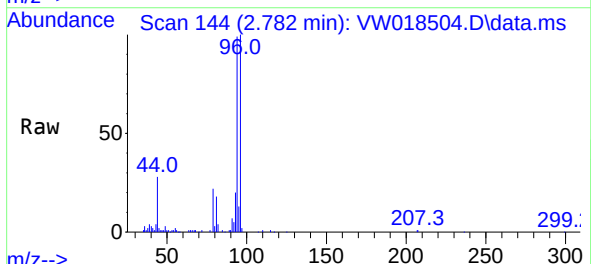
Instrument :
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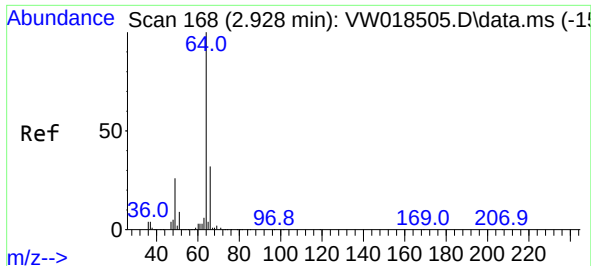
Tgt Ion: 62 Resp: 49355
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.2 45.0



#6
 Bromomethane
 Concen: 7.41 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018504.D
 Acq: 31 Mar 2021 10:41

Tgt Ion: 94 Resp: 35250
 Ion Ratio Lower Upper
 94 100
 96 100.6 65.3 121.3

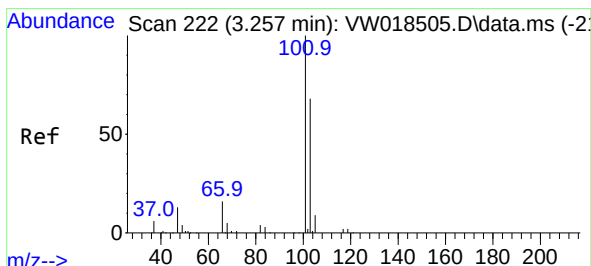
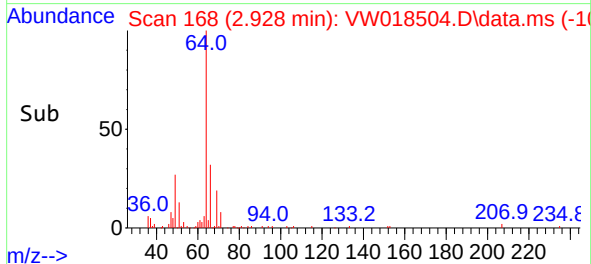
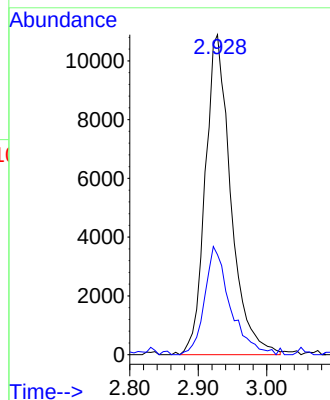
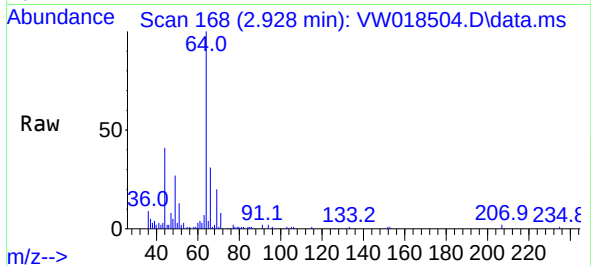




#8
Chloroethane
Concen: 7.24 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

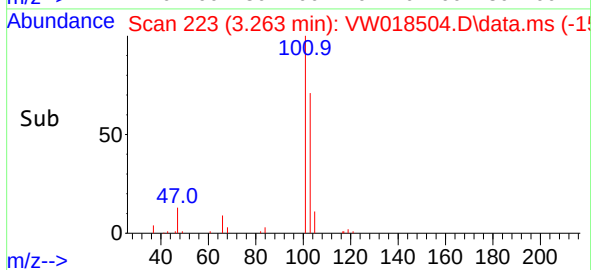
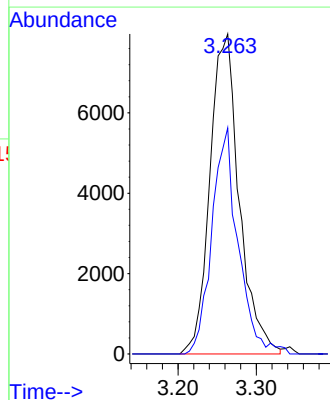
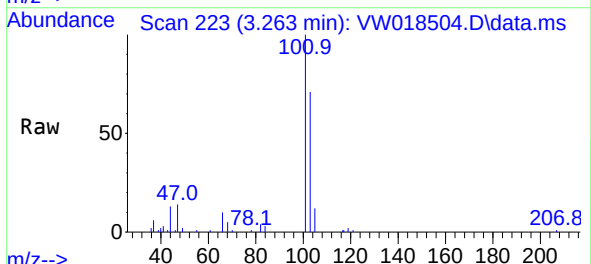
Instrument :
MSVOA_W
ClientSampleId :
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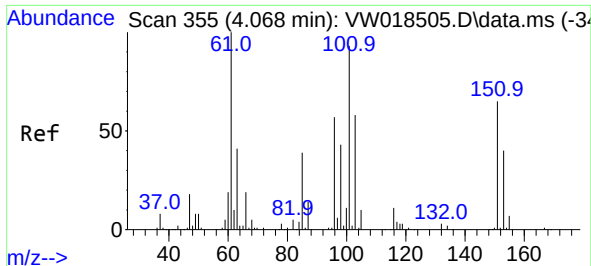
Tgt Ion: 64 Resp: 28239
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.79 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:101 Resp: 20682
Ion Ratio Lower Upper
101 100
103 62.1 51.0 76.4

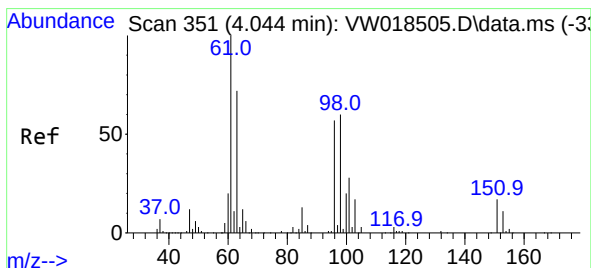
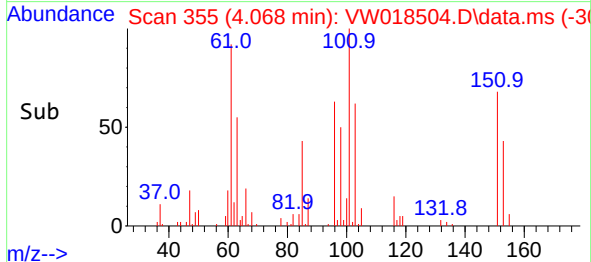
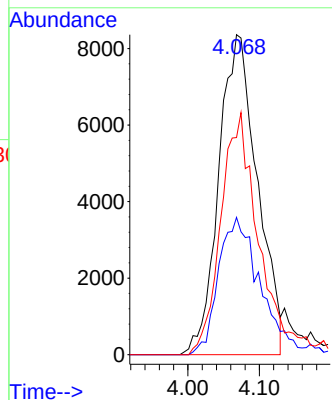
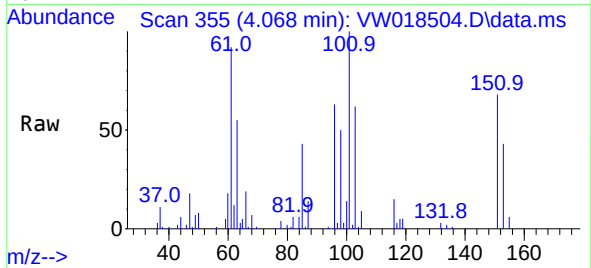




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.24 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

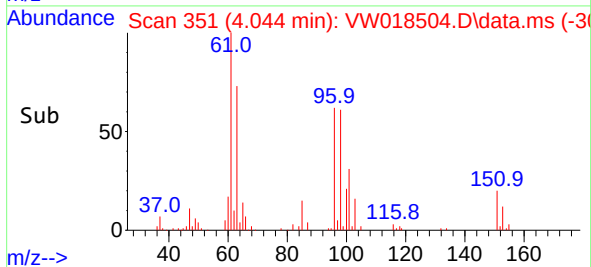
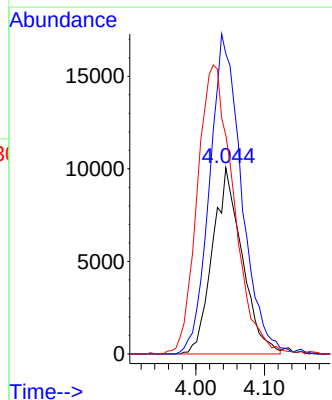
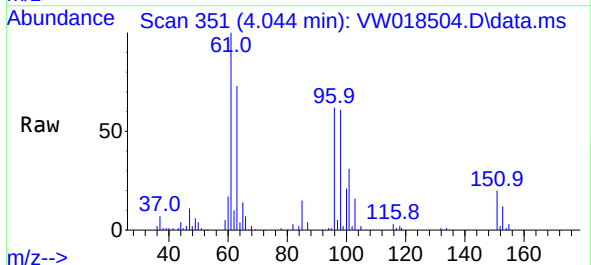
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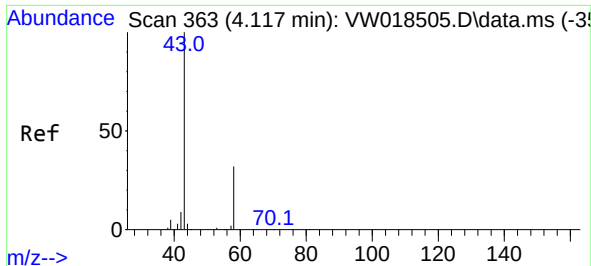
Tgt Ion:101 Resp: 31377
Ion Ratio Lower Upper
101 100
85 29.1 38.2 57.2#
151 70.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 5.15 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 96 Resp: 30146
Ion Ratio Lower Upper
96 100
61 161.2 118.1 219.3
63 117.5 83.7 155.5

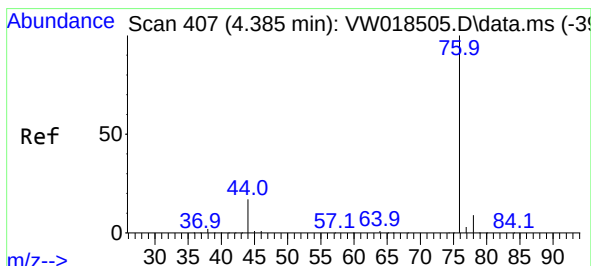
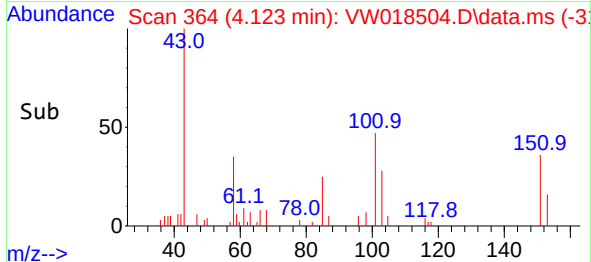
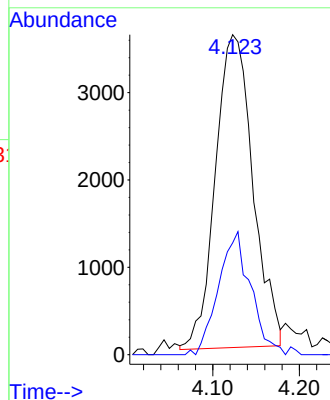
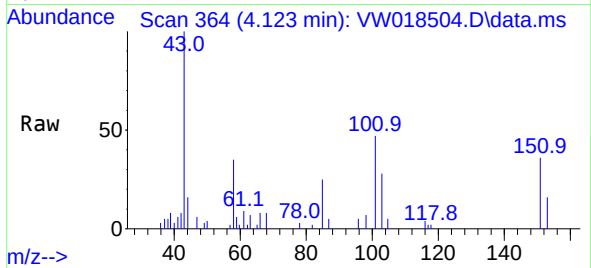




#13
Acetone
Concen: 13.32 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

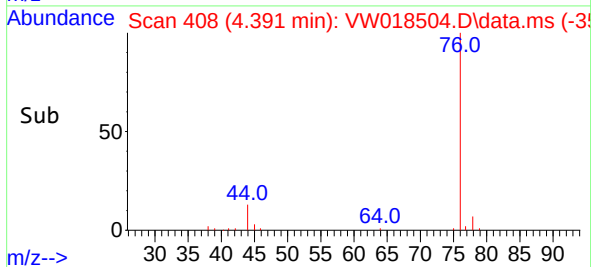
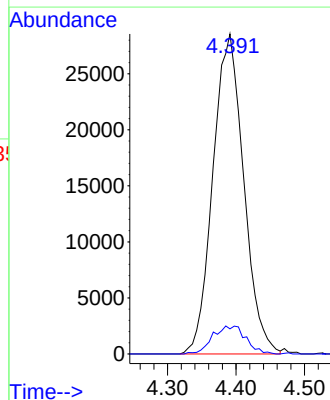
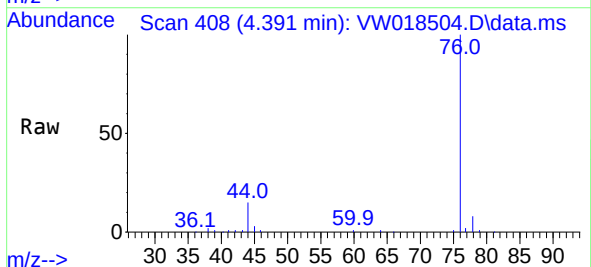
Instrument :
MSVOA_W
ClientSampled :
VSTD005101

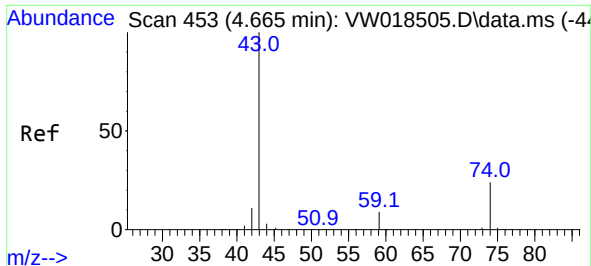
Tgt Ion: 43 Resp: 10808
Ion Ratio Lower Upper
43 100
58 33.3 0.0 53.8



#14
Carbon disulfide
Concen: 4.95 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 76 Resp: 89114
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

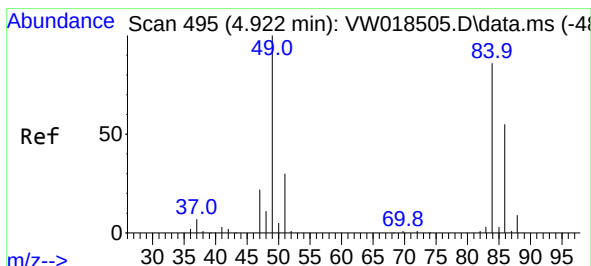
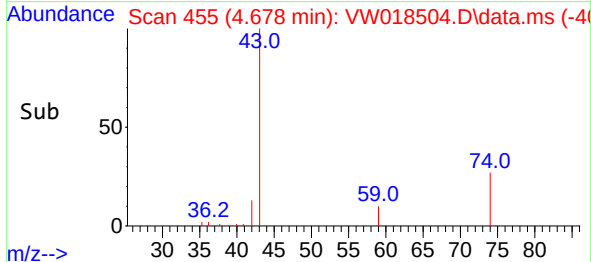
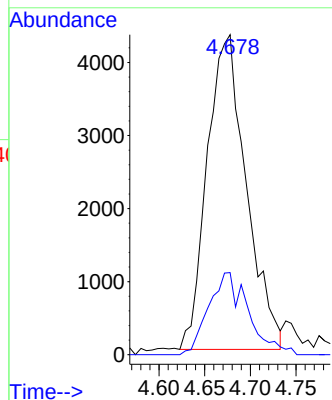
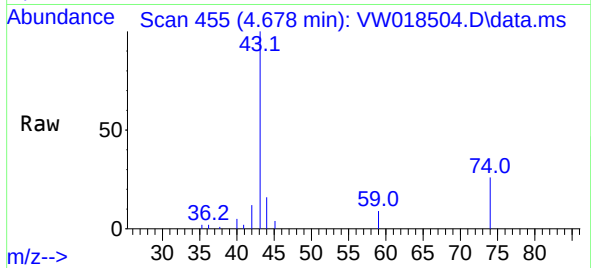




#15
Methyl Acetate
Concen: 6.09 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

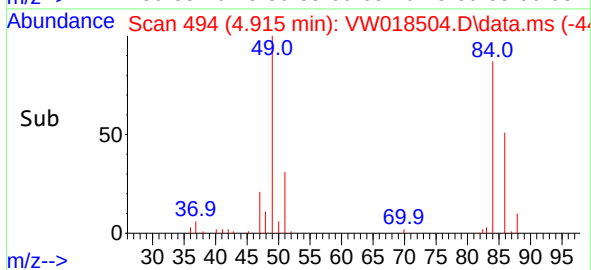
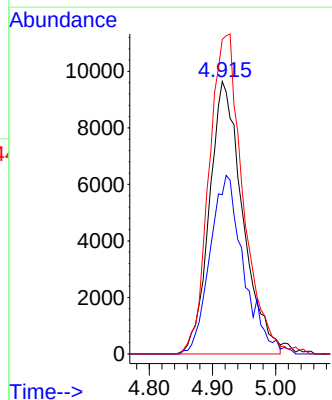
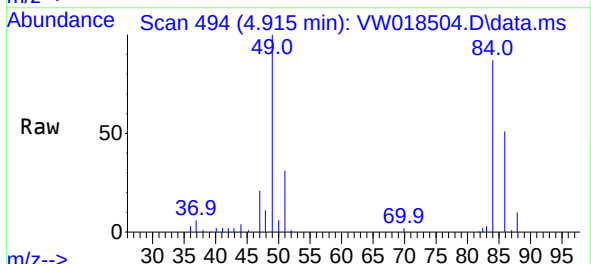
Instrument :
MSVOA_W
ClientSampled :
VSTD005101

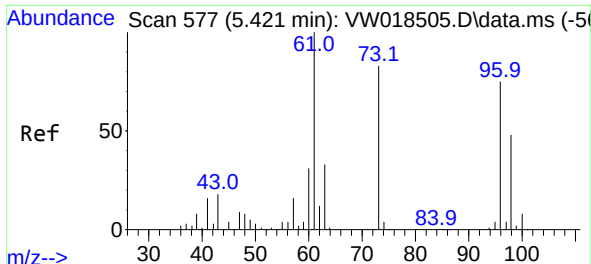
Tgt Ion: 43 Resp: 12845
Ion Ratio Lower Upper
43 100
74 17.2 20.0 30.0#



#16
Methylene chloride
Concen: 5.47 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 84 Resp: 35161
Ion Ratio Lower Upper
84 100
86 58.5 45.3 84.1
49 115.4 86.6 160.8

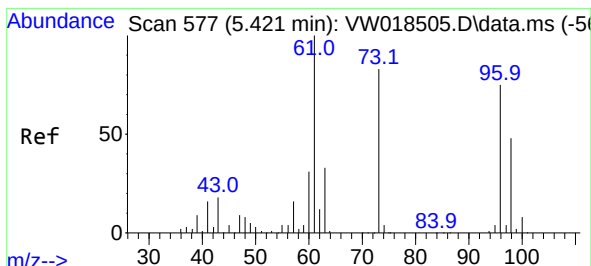
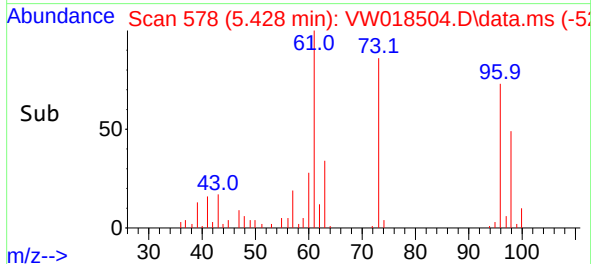
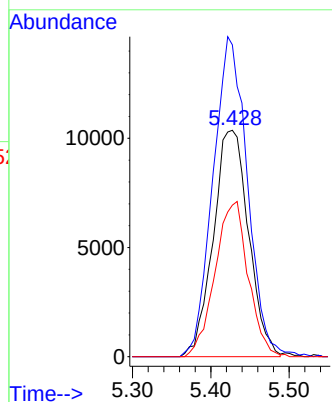
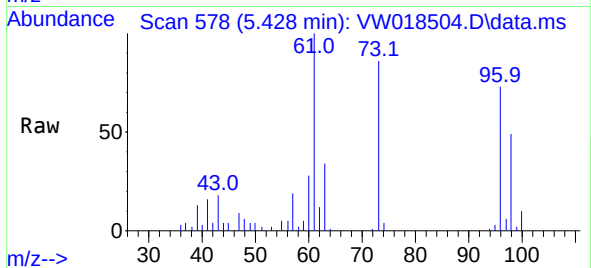




#17
trans-1,2-Dichloroethene
Concen: 5.19 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

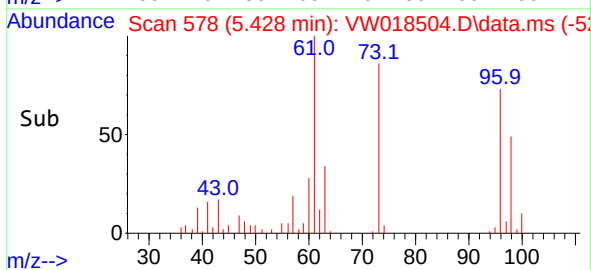
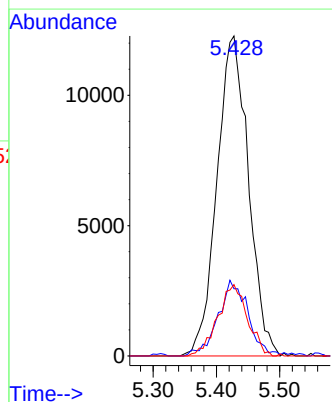
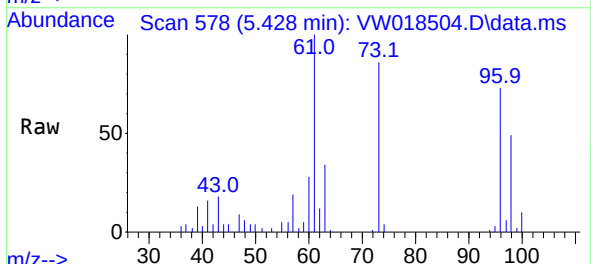
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

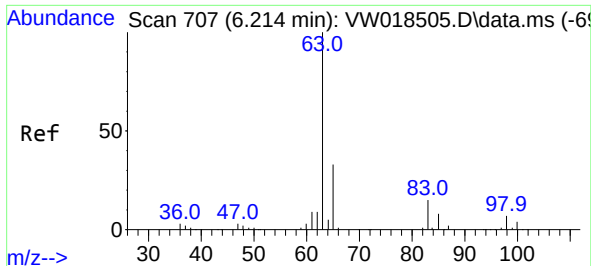
Tgt Ion: 96 Resp: 32498
Ion Ratio Lower Upper
96 100
61 137.7 98.3 182.7
98 67.0 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 6.48 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 73 Resp: 42428
Ion Ratio Lower Upper
73 100
43 21.5 17.7 26.5
57 21.1 17.0 25.4

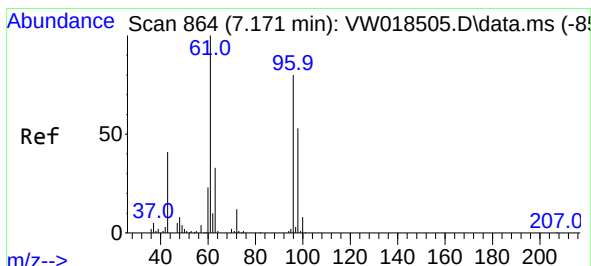
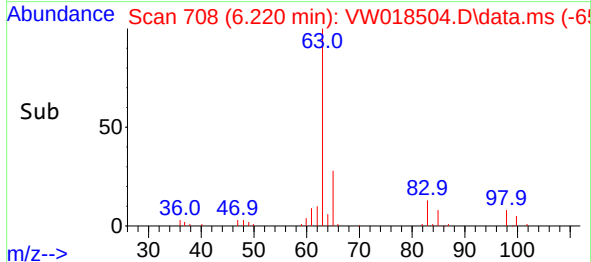
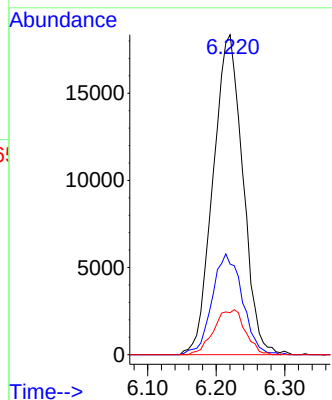
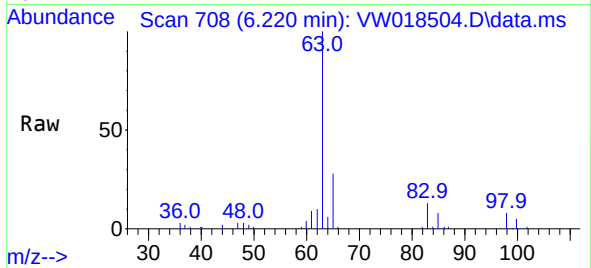




#19
1,1-Dichloroethane
Concen: 5.52 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

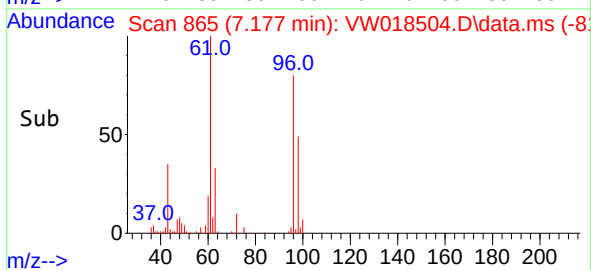
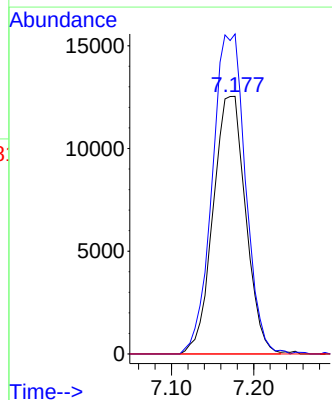
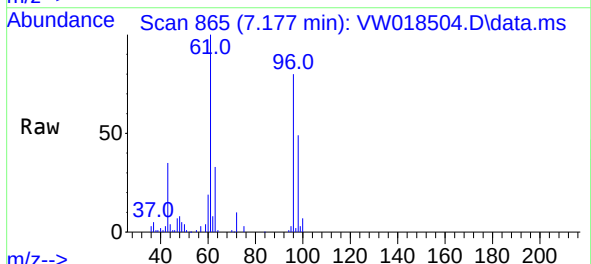
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

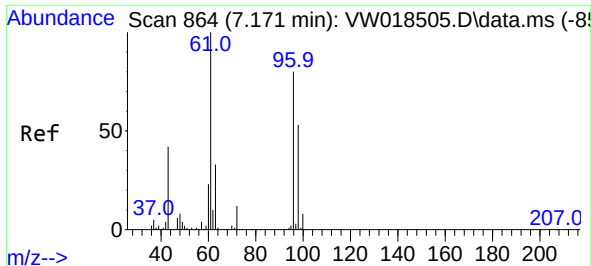
Tgt Ion:	63	Resp:	55278
Ion	Ratio	Lower	Upper
63	100		
65	28.3	22.9	42.5
83	13.2	10.2	19.0



#20
cis-1,2-Dichloroethene
Concen: 5.29 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

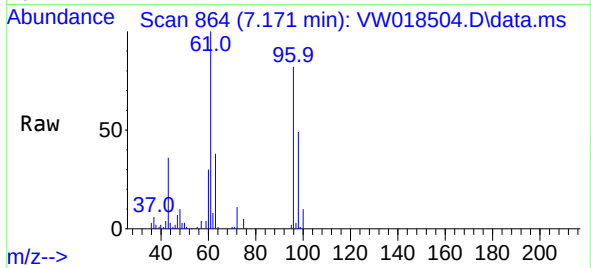
Tgt Ion:	96	Resp:	34544
Ion	Ratio	Lower	Upper
96	100		
61	124.2	88.5	164.3
68	0.0	0.0	0.0



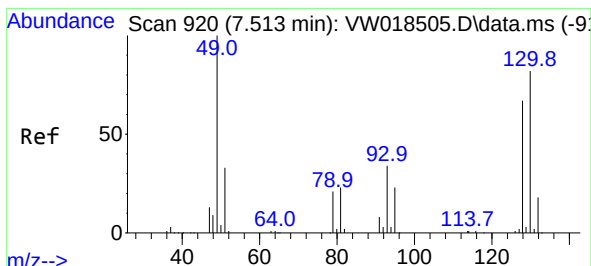
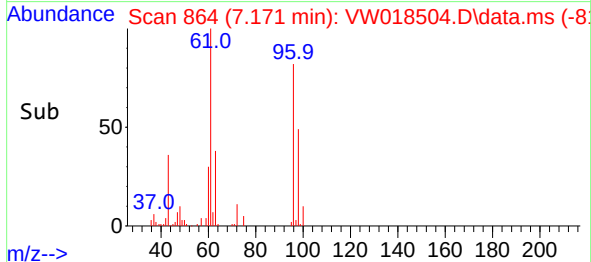
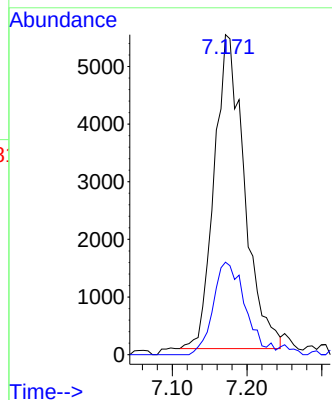


#22
2-Butanone
Concen: 11.67 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampled :
VSTD005101

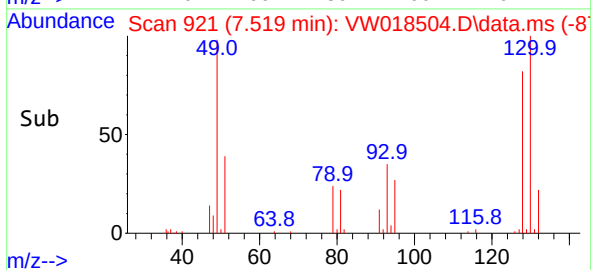
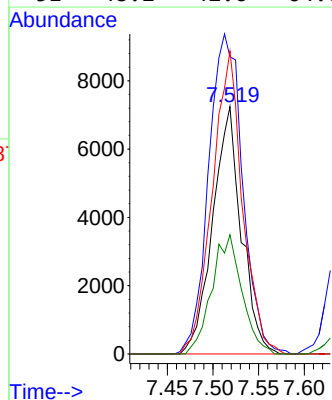
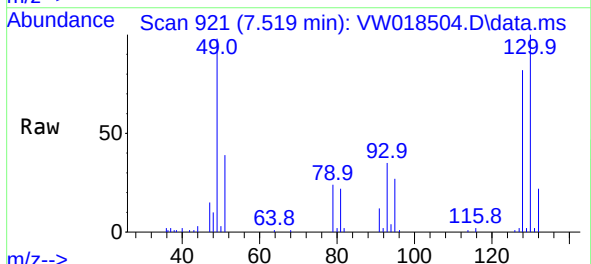


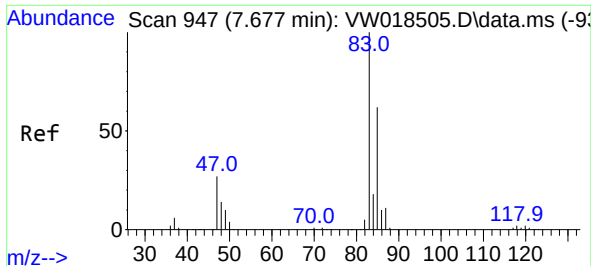
Tgt Ion: 43 Resp: 15285
Ion Ratio Lower Upper
43 100
72 30.6 14.9 44.7



#23
Bromochloromethane
Concen: 5.16 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 128 Resp: 15864
Ion Ratio Lower Upper
128 100
49 120.1 116.3 215.9
130 122.4 82.4 153.0
51 48.2 42.6 64.0

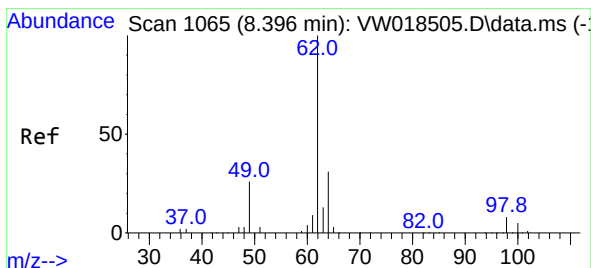
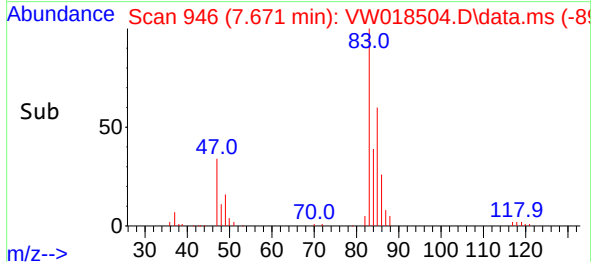
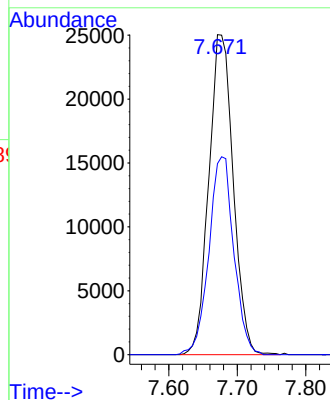
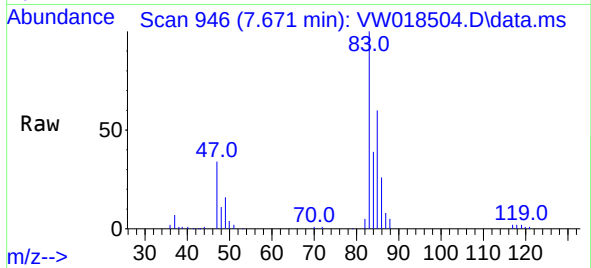




#25
Chloroform
Concen: 5.69 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

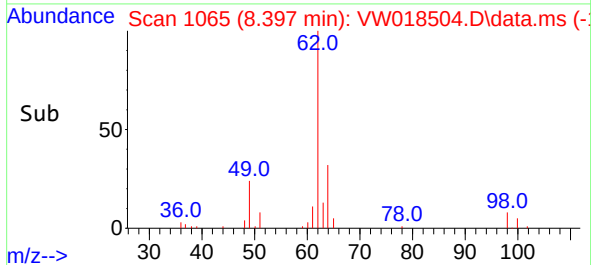
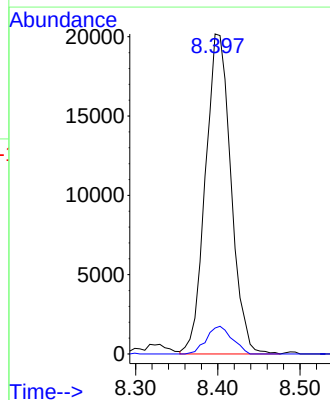
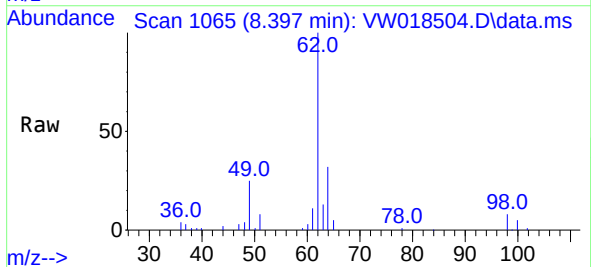
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

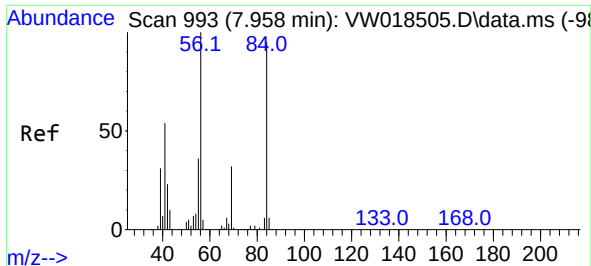
Tgt Ion: 83 Resp: 62002
Ion Ratio Lower Upper
83 100
85 59.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 6.35 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 62 Resp: 43548
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3





#29

Cyclohexane

Concen: 5.67 ug/L

RT: 7.958 min Scan# 993

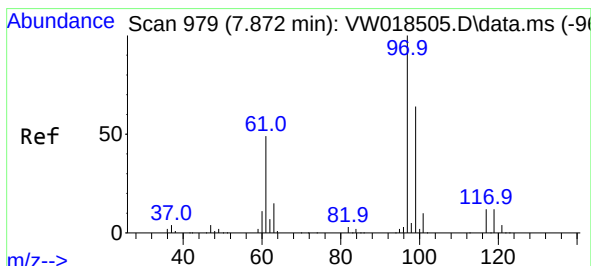
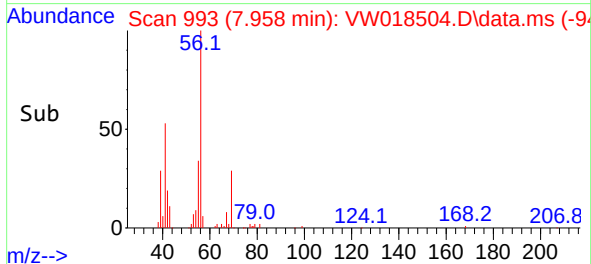
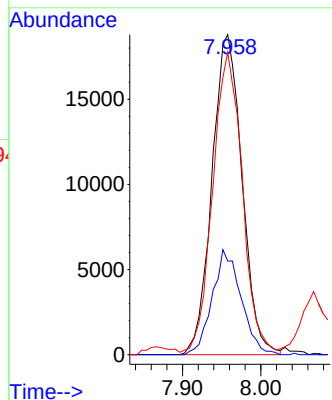
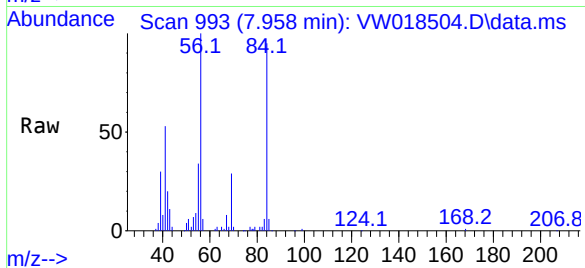
Delta R.T. 0.000 min

Lab File: VW018504.D

Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

Tgt Ion:	56	Resp:	50107
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.5	36.7
84	93.3	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 5.37 ug/L

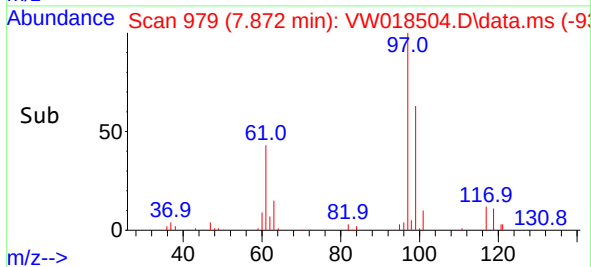
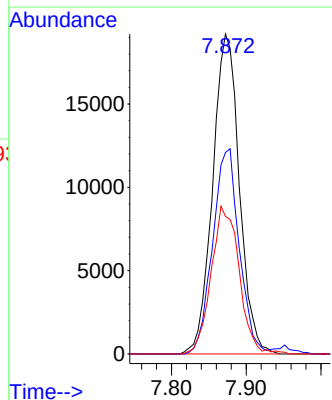
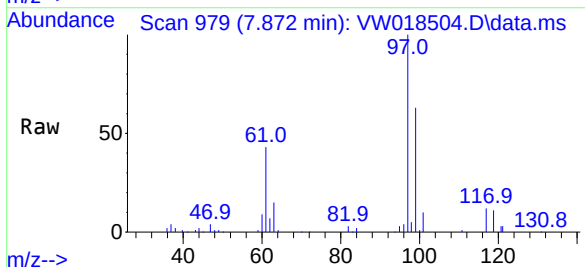
RT: 7.872 min Scan# 979

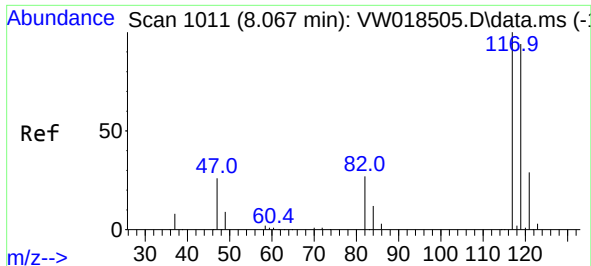
Delta R.T. 0.000 min

Lab File: VW018504.D

Acq: 31 Mar 2021 10:41

Tgt Ion:	97	Resp:	47584
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.2
61	48.1	37.8	56.6

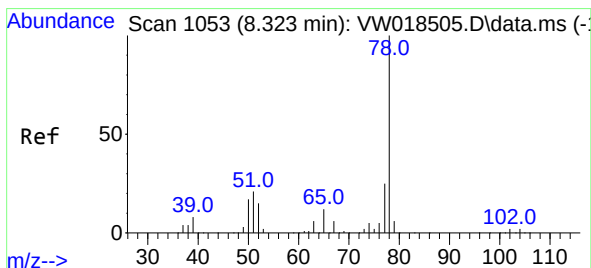
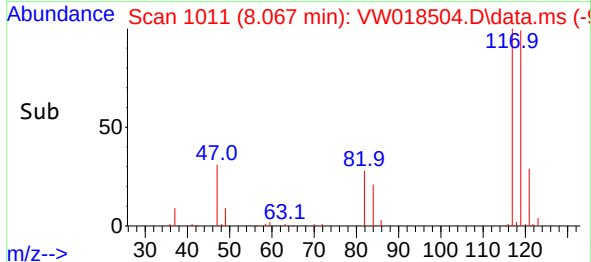
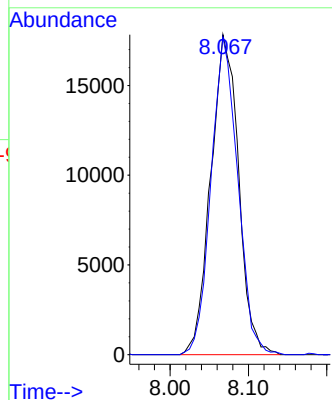
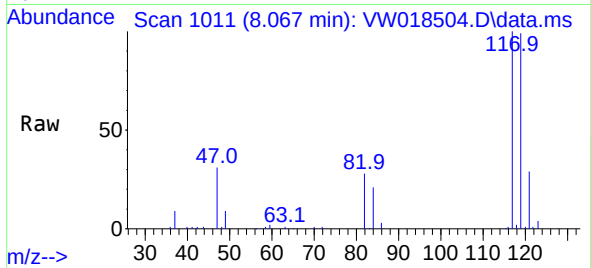




#31
Carbon tetrachloride
Concen: 5.15 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

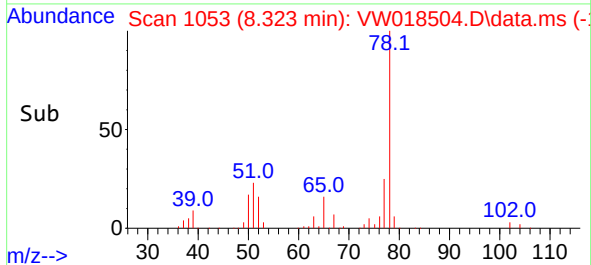
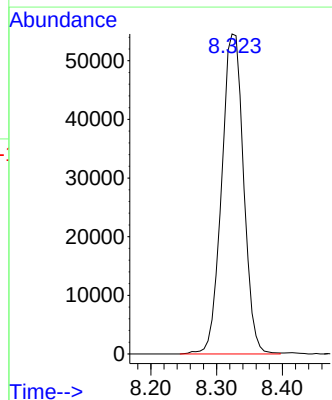
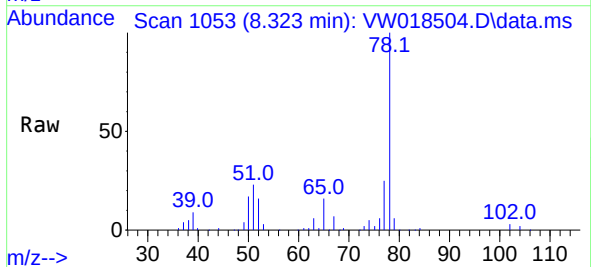
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

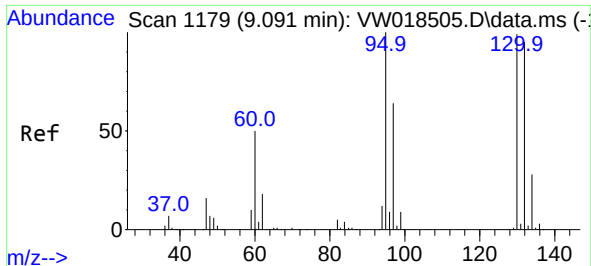
Tgt Ion:117 Resp: 44007
Ion Ratio Lower Upper
117 100
119 95.1 76.5 114.7



#33
Benzene
Concen: 5.39 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 78 Resp: 126852



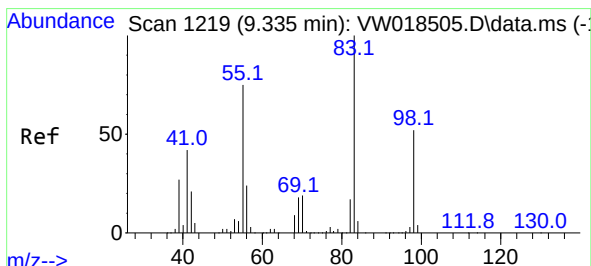
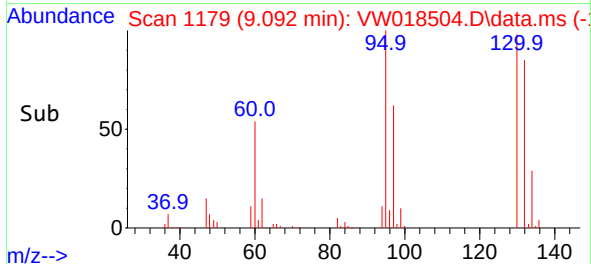
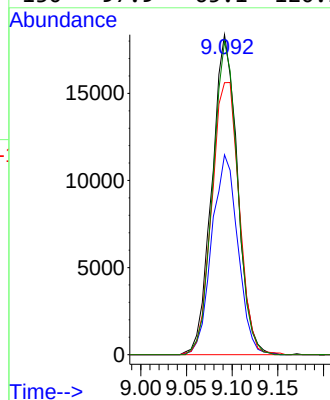
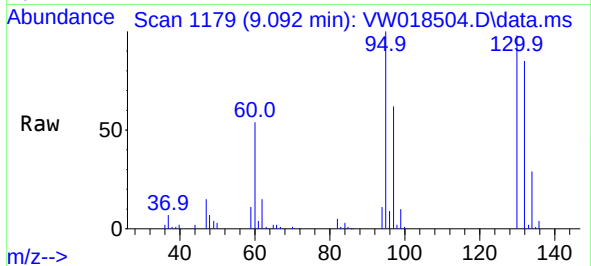


#34
Trichloroethene
Concen: 5.42 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampled :
VSTD005101

Tgt Ion: 95 Resp: 35663

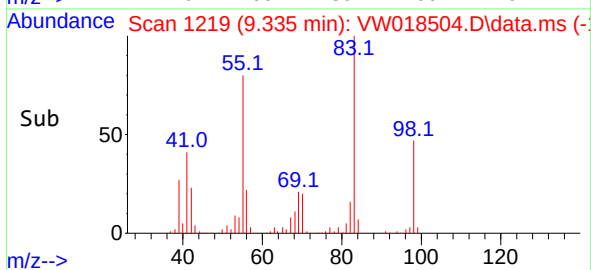
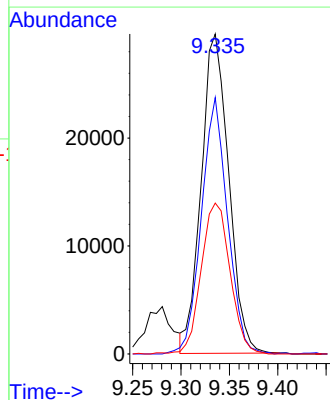
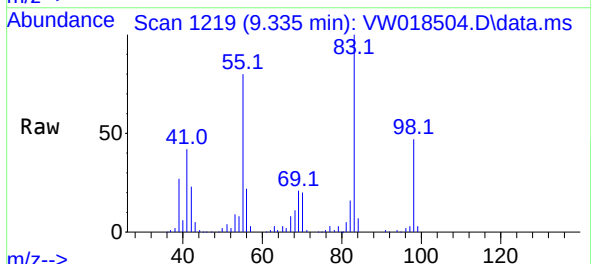
Ion	Ratio	Lower	Upper
95	100		
97	62.4	47.3	87.8
132	85.0	71.0	131.8
130	97.9	65.1	120.9

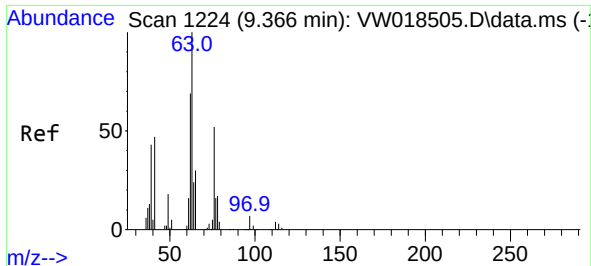


#35
Methylcyclohexane
Concen: 5.37 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 83 Resp: 58474

Ion	Ratio	Lower	Upper
83	100		
55	76.3	58.9	88.3
98	49.6	40.1	60.1

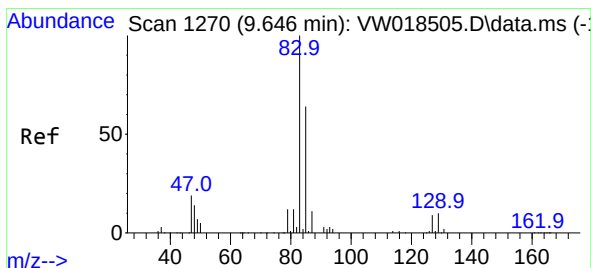
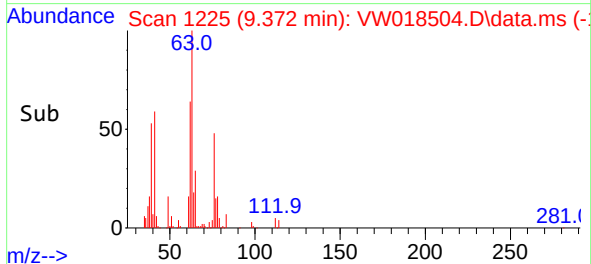
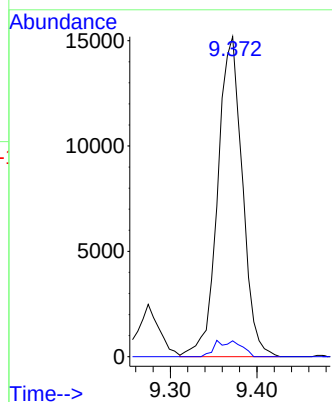
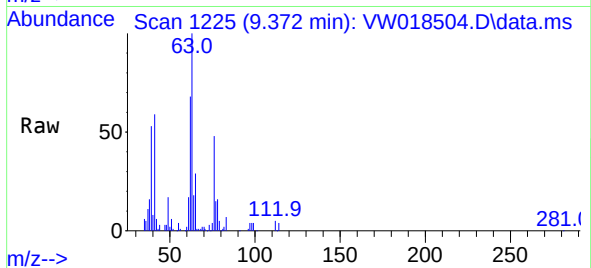




#37
1,2-Dichloropropane
Concen: 5.46 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

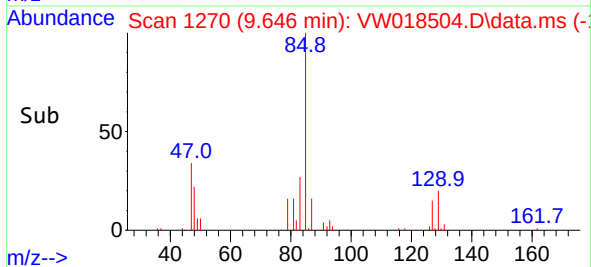
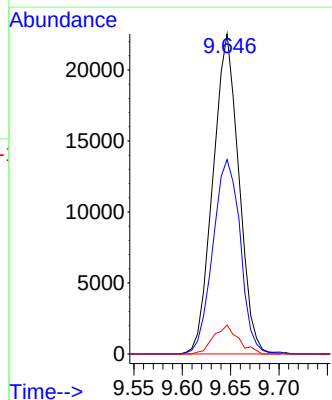
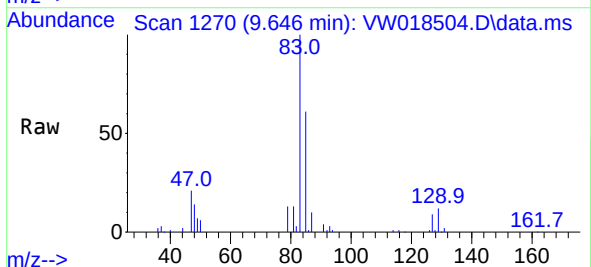
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

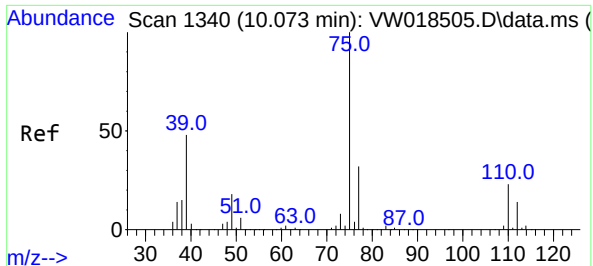
Tgt Ion: 63 Resp: 30072
Ion Ratio Lower Upper
63 100
112 3.2 3.9 5.9#



#38
Bromodichloromethane
Concen: 5.44 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 83 Resp: 42030
Ion Ratio Lower Upper
83 100
85 60.7 42.3 78.5
127 9.0 6.6 9.8

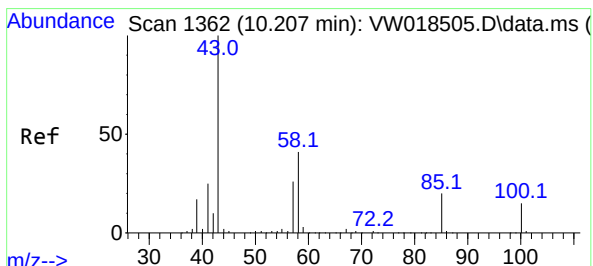
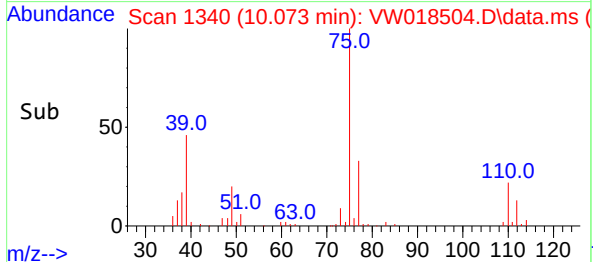
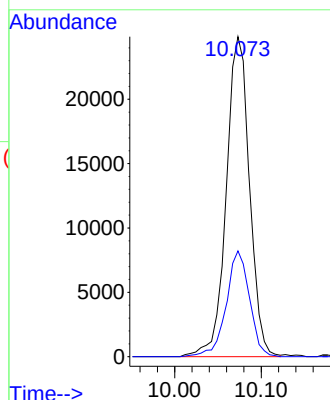
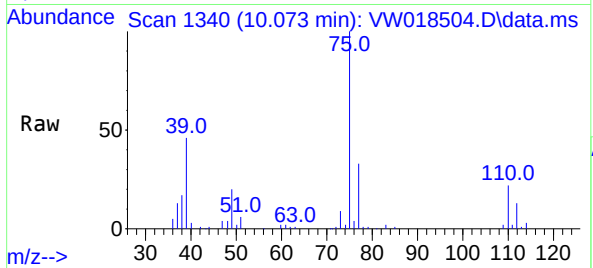




#39
cis-1,3-Dichloropropene
Concen: 5.21 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

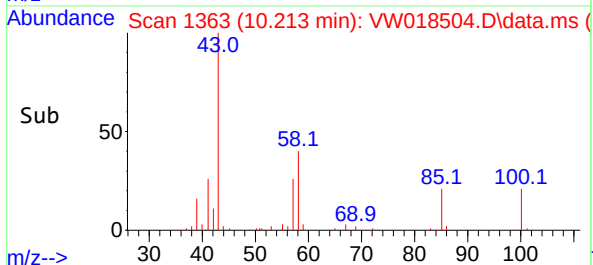
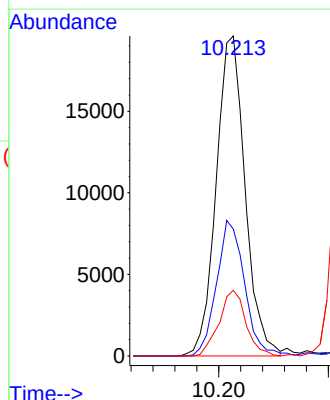
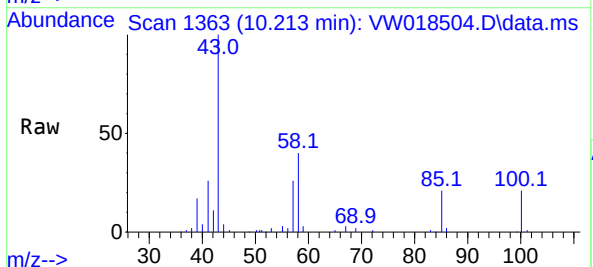
Instrument :
MSVOA_W
ClientSampled :
VSTD005101

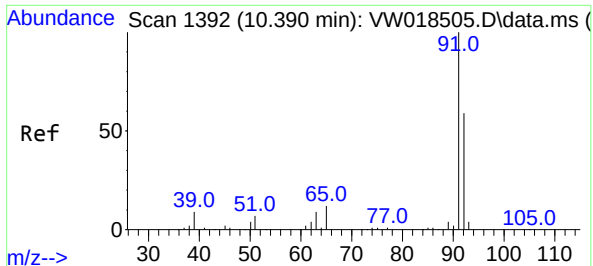
Tgt Ion: 75 Resp: 46312
Ion Ratio Lower Upper
75 100
77 33.0 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 12.12 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 43 Resp: 35917
Ion Ratio Lower Upper
43 100
58 41.0 31.0 46.4
100 19.0 13.0 19.6

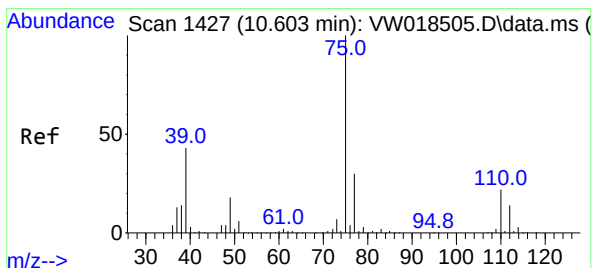
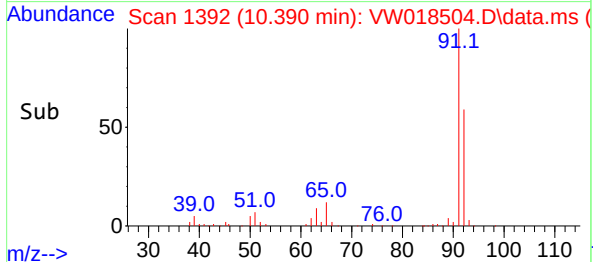
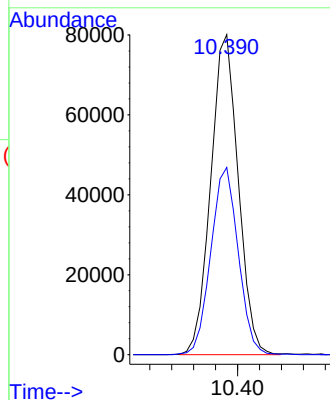
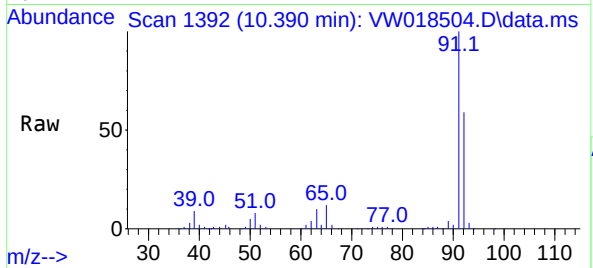




#42
Toluene
Concen: 5.36 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

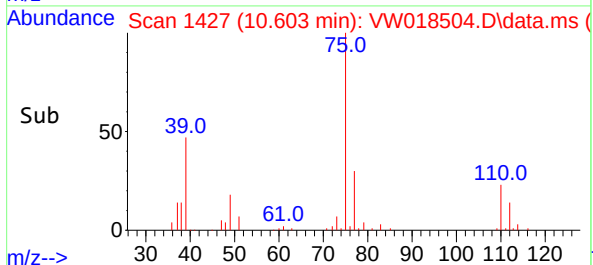
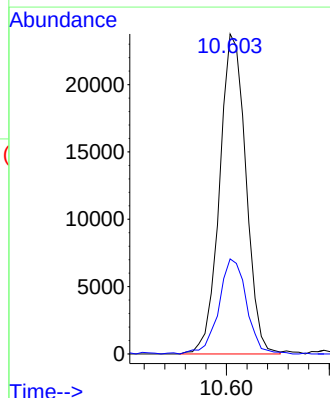
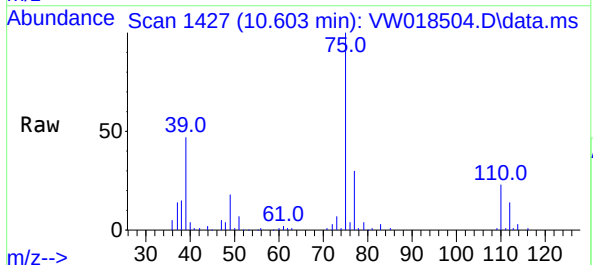
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

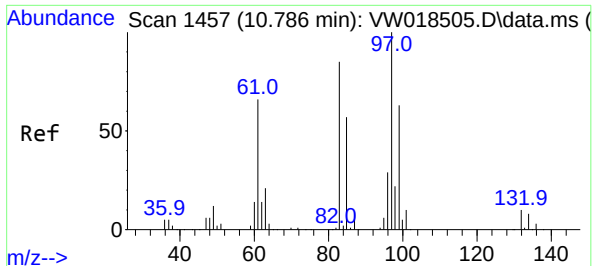
Tgt Ion: 91 Resp: 139699
Ion Ratio Lower Upper
91 100
92 58.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 5.44 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 75 Resp: 42194
Ion Ratio Lower Upper
75 100
77 29.7 21.1 39.1



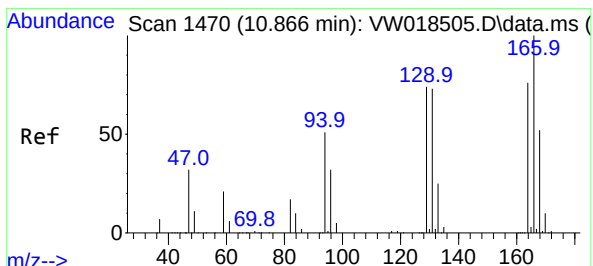
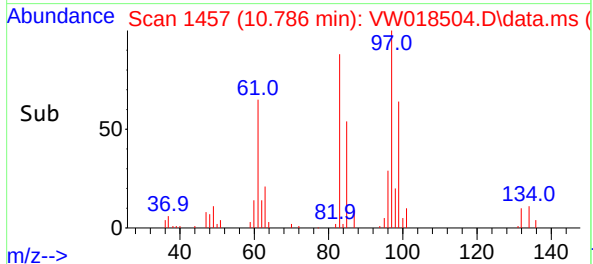
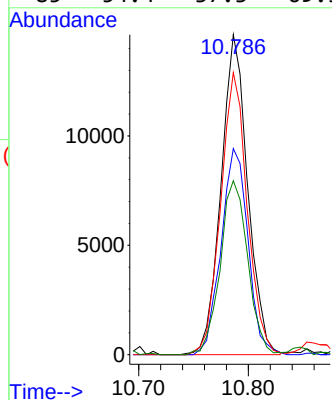
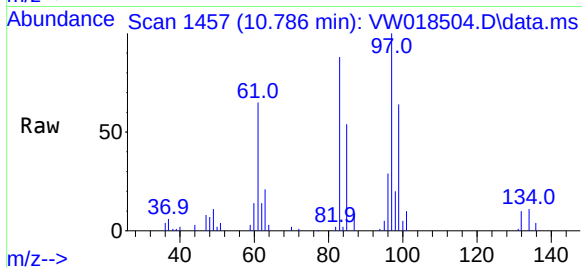


#45
1,1,2-Trichloroethane
Concen: 5.48 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

Tgt Ion: 97 Resp: 24723

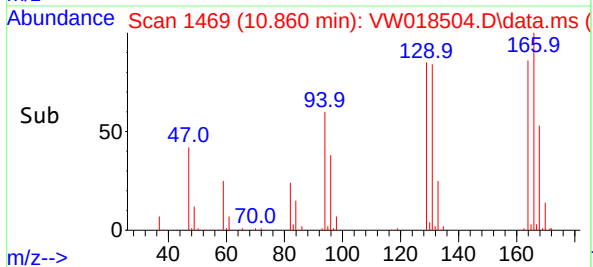
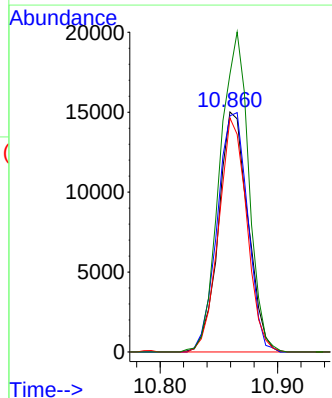
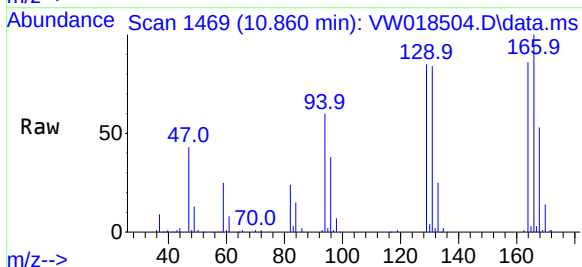
Ion	Ratio	Lower	Upper
97	100		
99	64.4	45.1	83.7
83	88.2	58.1	107.9
85	54.4	37.3	69.3

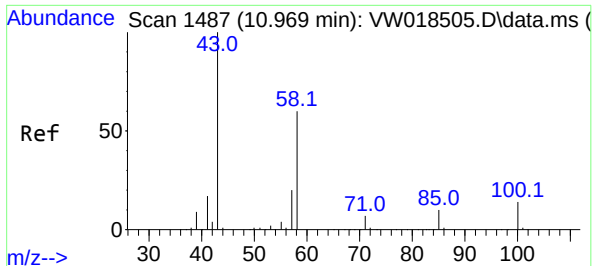


#46
Tetrachloroethene
Concen: 4.60 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 164 Resp: 26079

Ion	Ratio	Lower	Upper
164	100		
129	98.4	66.7	123.9
131	97.5	61.1	113.5
166	115.8	87.0	161.6



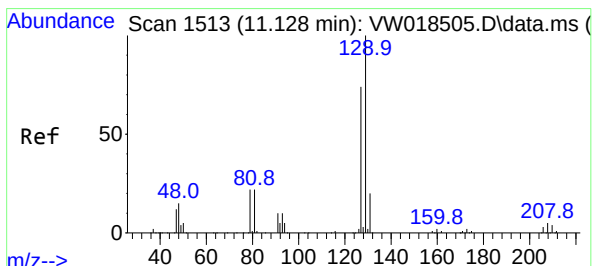
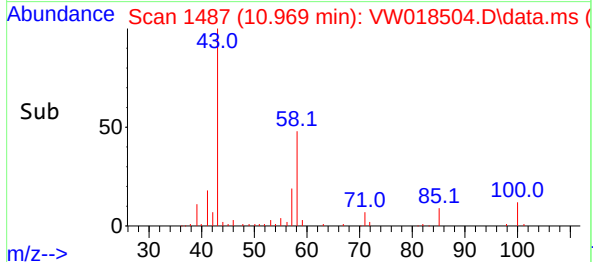
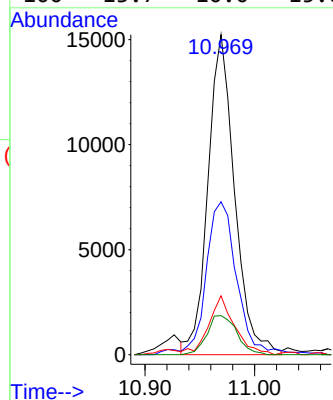
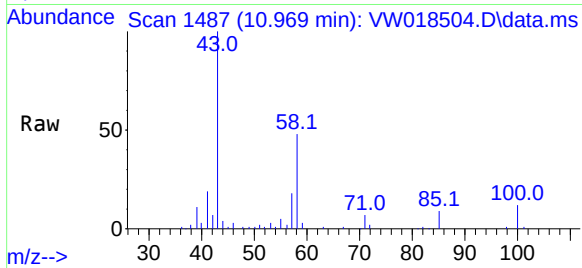


#48
2-Hexanone
Concen: 12.64 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

Tgt Ion: 43 Resp: 25727

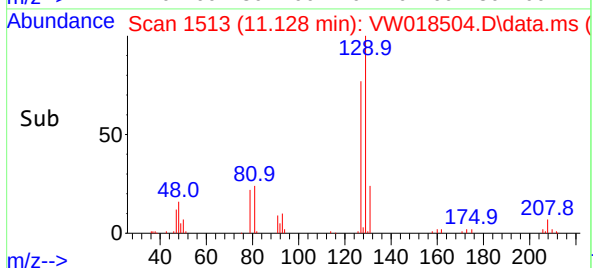
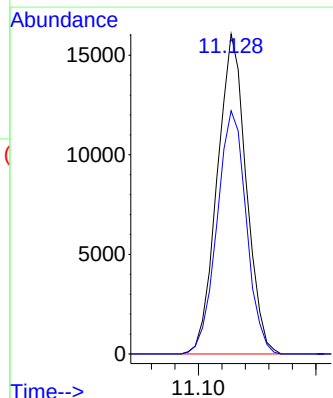
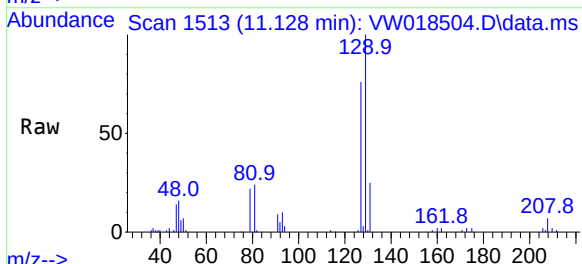
Ion	Ratio	Lower	Upper
43	100		
58	51.3	42.7	64.1
57	17.2	15.8	23.8
100	13.7	10.0	15.0

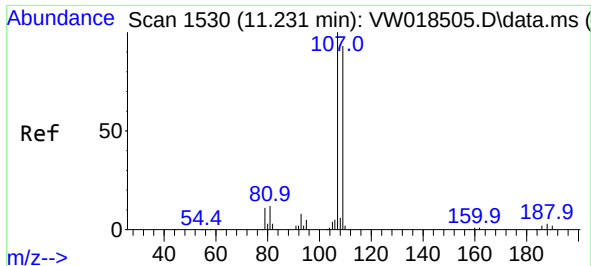


#49
Dibromochloromethane
Concen: 4.97 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 129 Resp: 27508

Ion	Ratio	Lower	Upper
129	100		
127	76.0	51.7	95.9



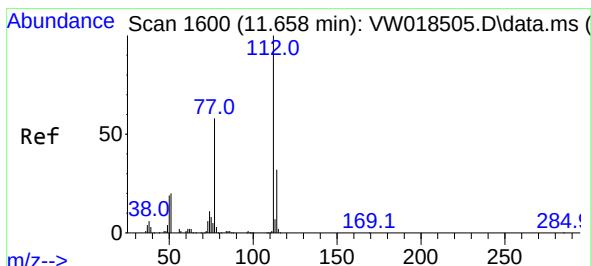
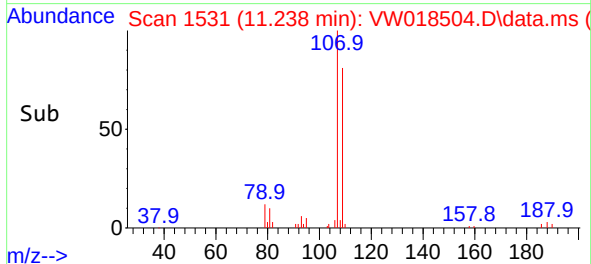
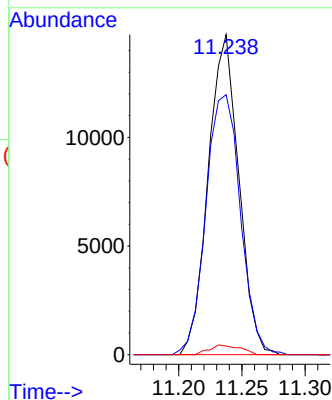
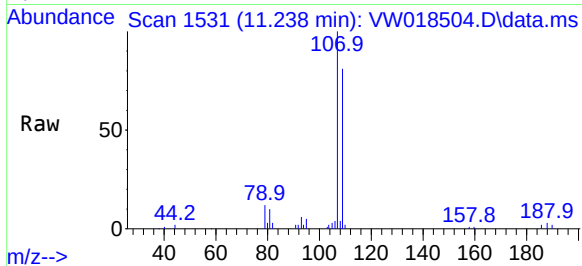


#50
1,2-Dibromoethane
Concen: 5.60 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

Tgt Ion:107 Resp: 24791

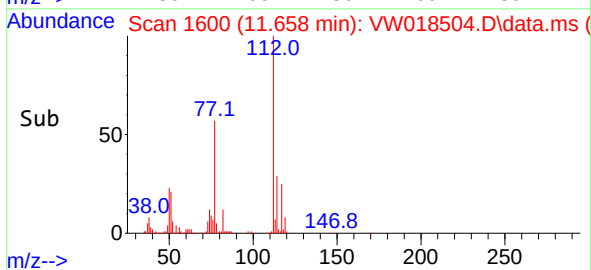
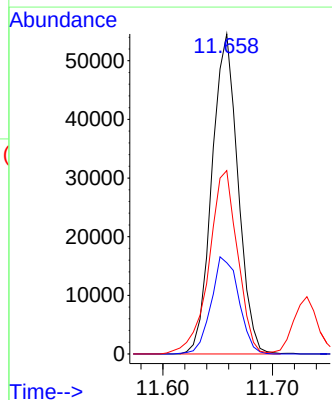
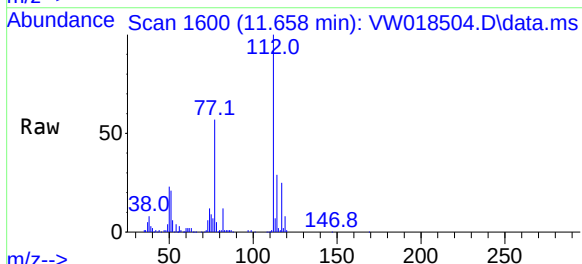
Ion	Ratio	Lower	Upper
107	100		
109	81.2	65.4	121.4
188	2.7	2.6	4.0

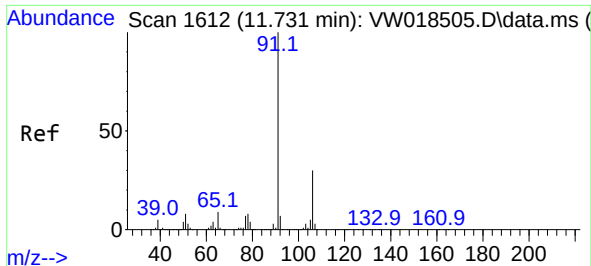


#51
Chlorobenzene
Concen: 5.21 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:112 Resp: 90076

Ion	Ratio	Lower	Upper
112	100		
114	28.5	23.4	43.6
77	57.3	47.6	71.4

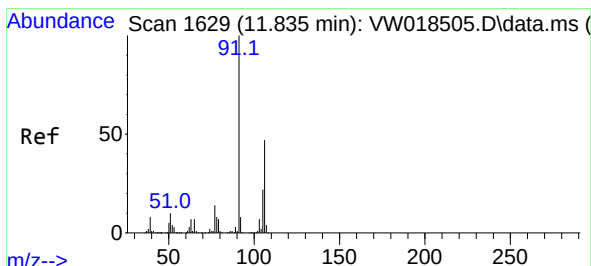
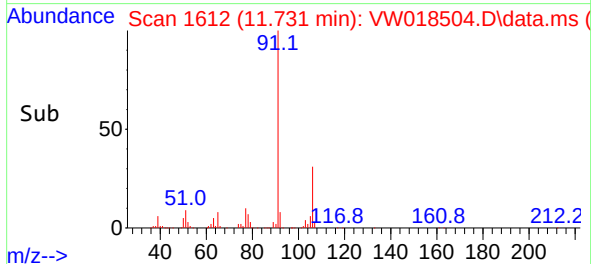
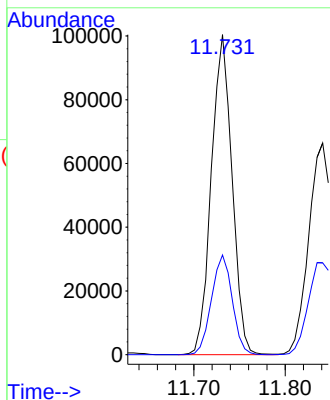
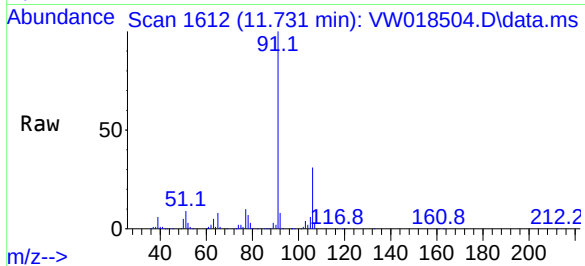




#52
Ethylbenzene
Concen: 5.36 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

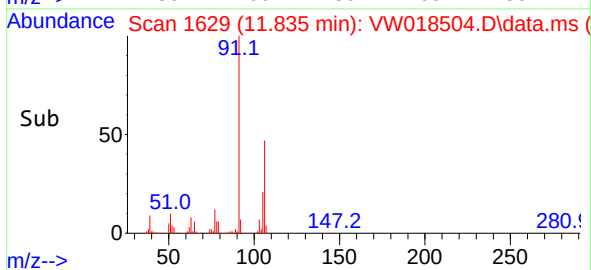
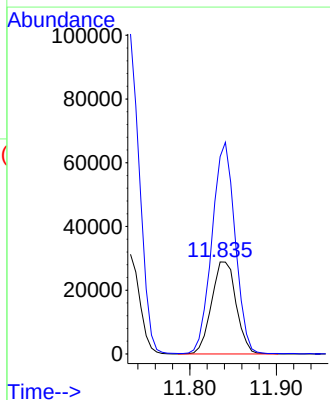
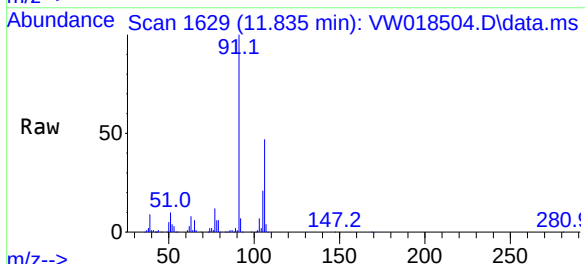
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

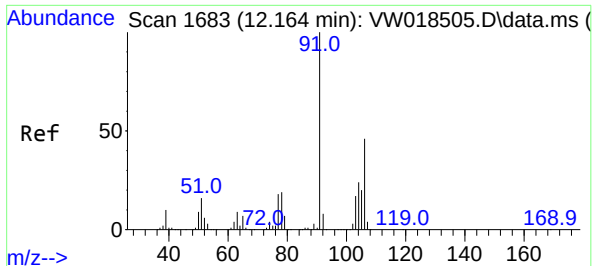
Tgt Ion: 91 Resp: 158215
Ion Ratio Lower Upper
91 100
106 31.1 22.5 41.7



#53
m,p-Xylene
Concen: 5.03 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:106 Resp: 57068
Ion Ratio Lower Upper
106 100
91 214.6 141.3 262.3

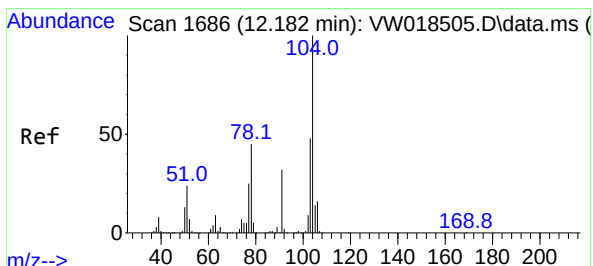
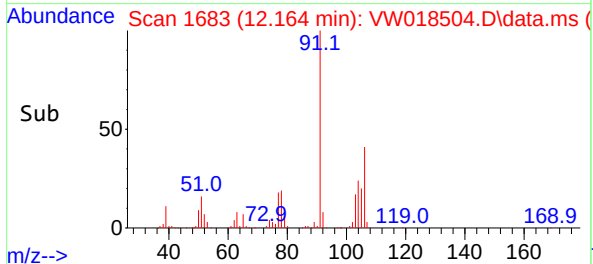
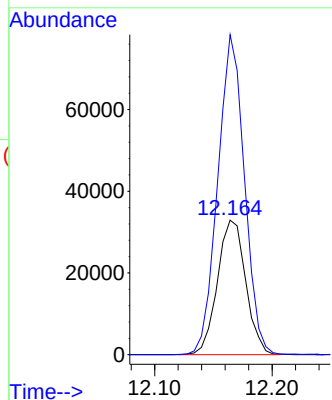
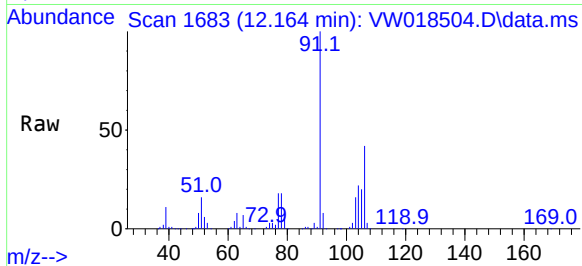




#54
o-Xylene
Concen: 5.10 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

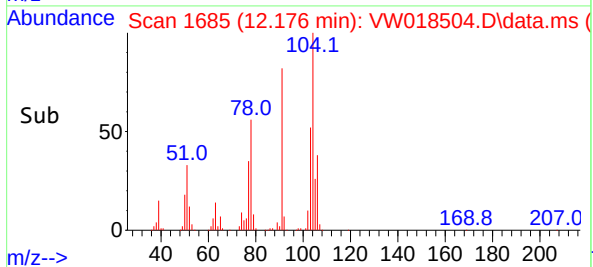
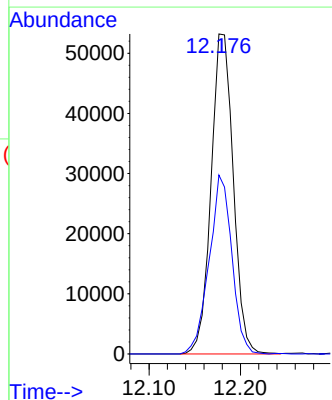
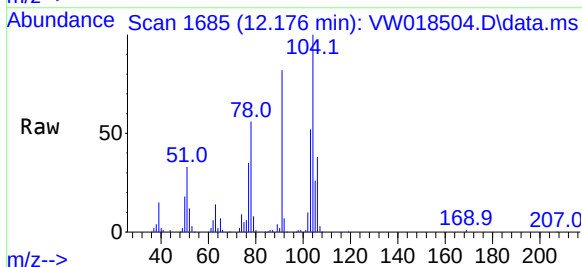
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

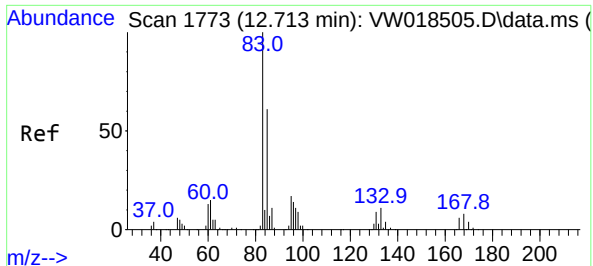
Tgt Ion:106 Resp: 55115
Ion Ratio Lower Upper
106 100
91 237.7 150.0 278.6



#55
Styrene
Concen: 4.89 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:104 Resp: 89719
Ion Ratio Lower Upper
104 100
78 55.9 32.5 60.3

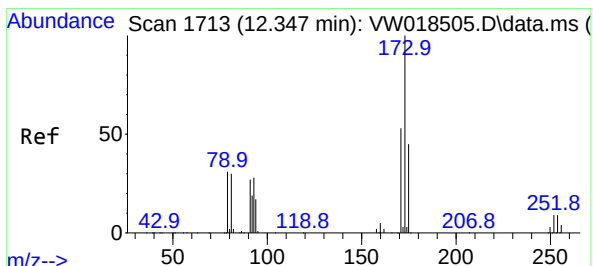
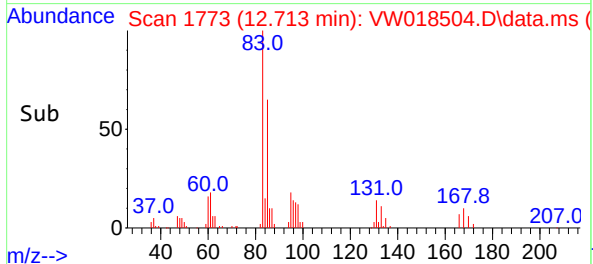
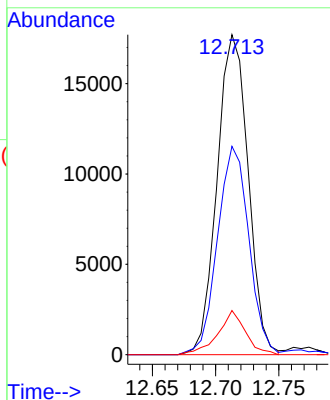
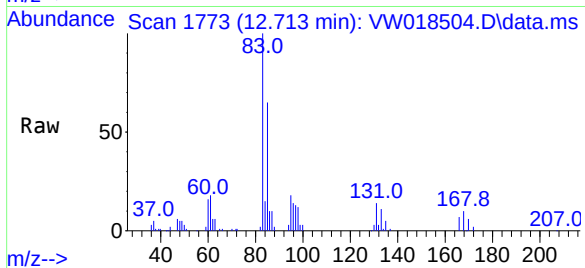




#57
1,1,2,2-Tetrachloroethane
Concen: 5.78 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

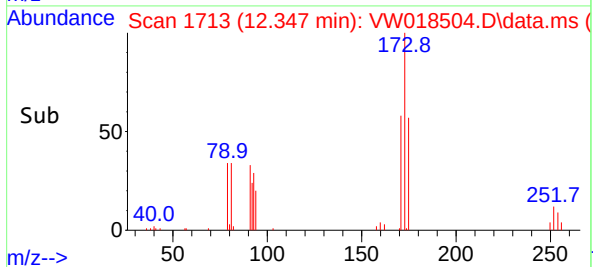
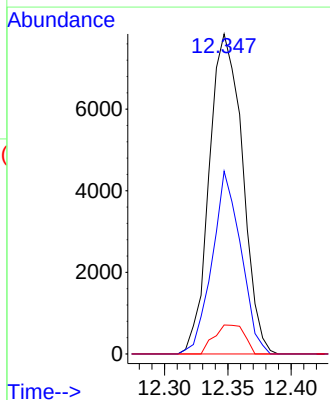
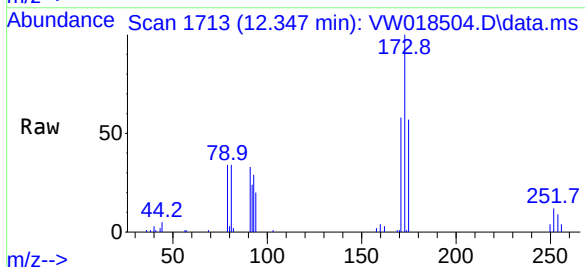
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

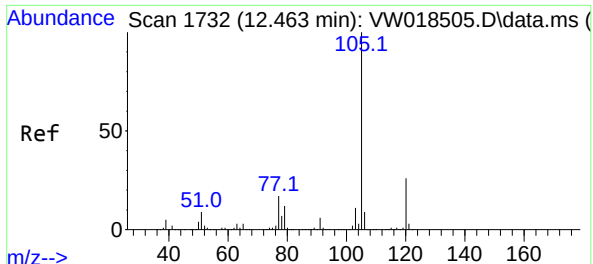
Tgt Ion:	83	Resp:	30249
Ion Ratio	Lower	Upper	
83	100		
85	65.1	44.4	82.4
131	13.8	8.2	12.4#



#59
Bromoform
Concen: 4.65 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:	173	Resp:	14313
Ion Ratio	Lower	Upper	
173	100		
175	49.5	37.5	56.3
254	8.3	7.0	10.4



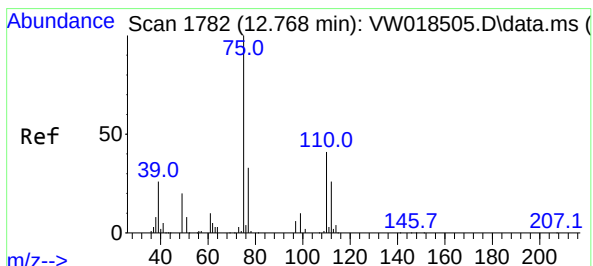
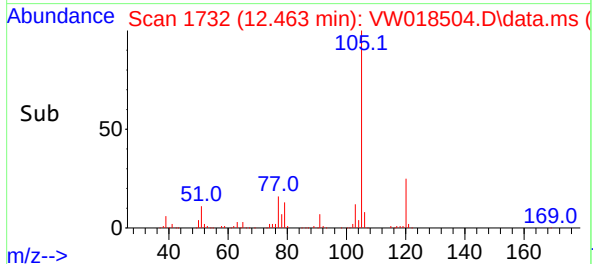
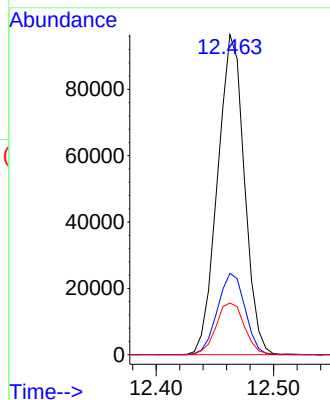
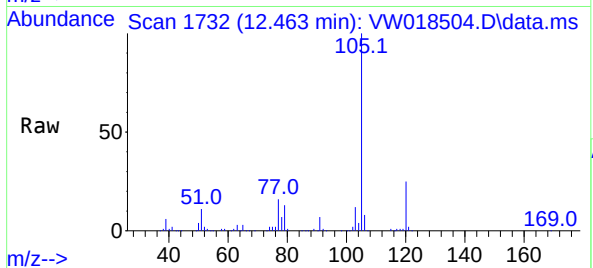


#60
Isopropylbenzene
Concen: 5.43 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

Tgt Ion:105 Resp: 153050

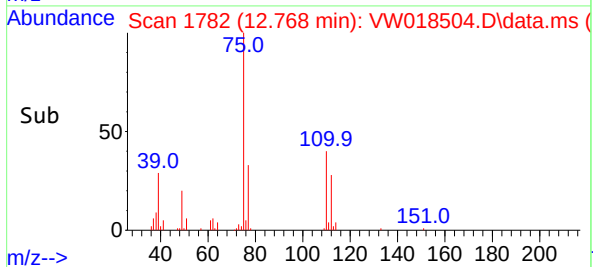
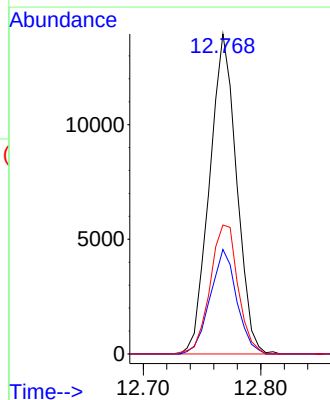
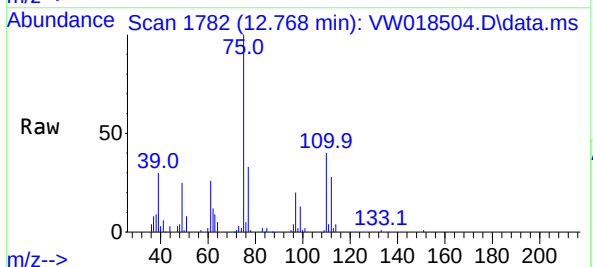
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.1	31.7
77	17.1	13.2	19.8

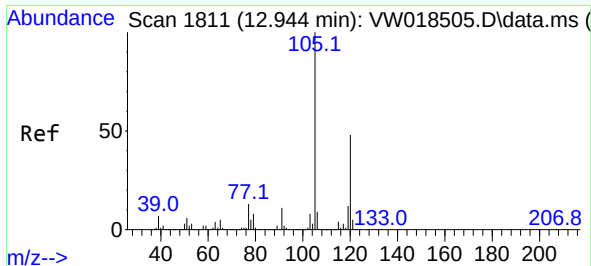


#61
1,2,3-Trichloropropane
Concen: 6.02 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 75 Resp: 22351

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
110	41.6	32.6	48.8

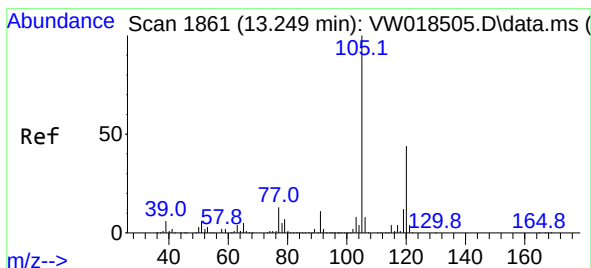
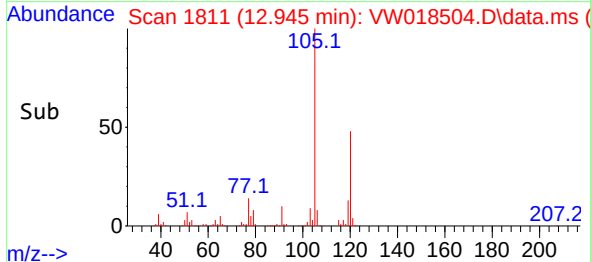
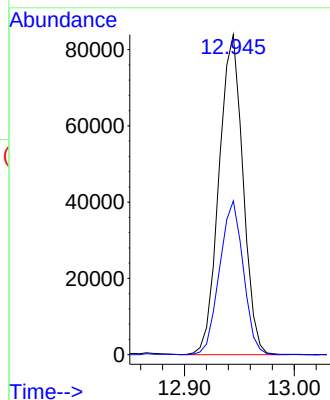
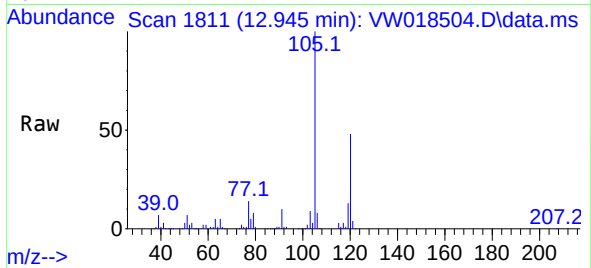




#62
1,3,5-Trimethylbenzene
Concen: 5.38 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

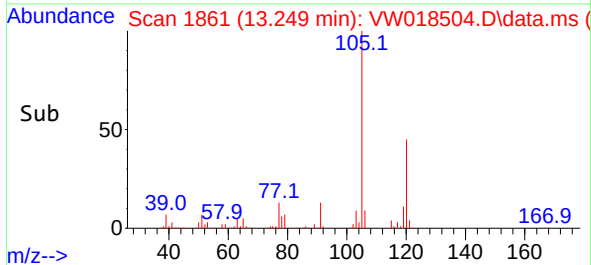
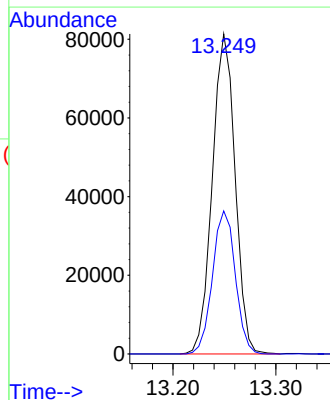
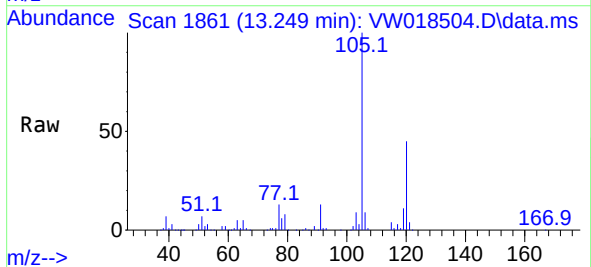
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

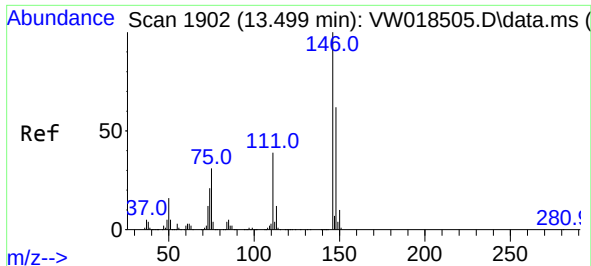
Tgt Ion:105 Resp: 127633
Ion Ratio Lower Upper
105 100
120 47.5 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 5.28 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:105 Resp: 125137
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4

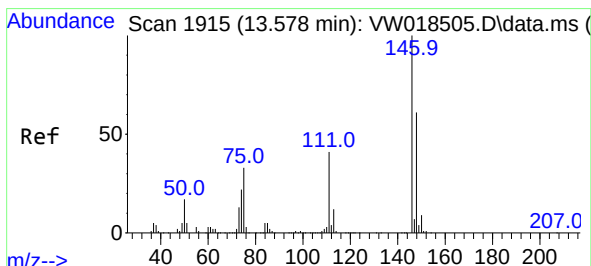
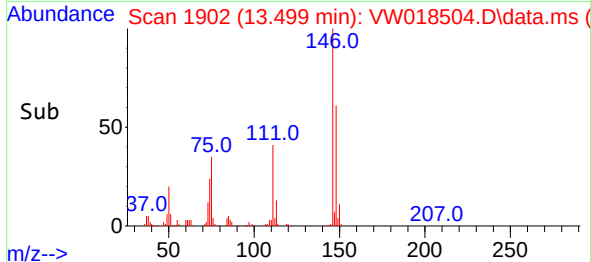
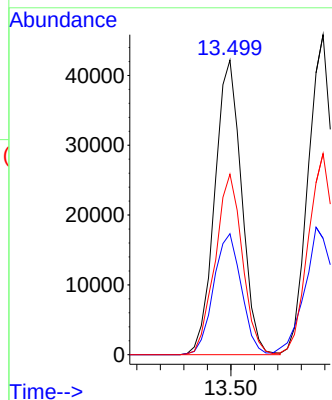
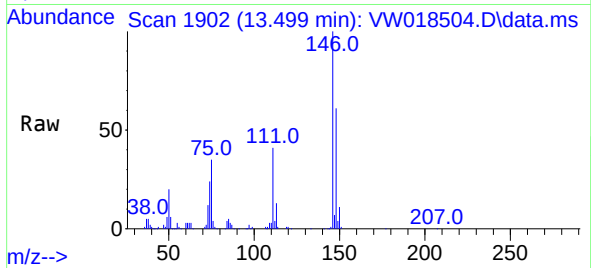




#64
1,3-Dichlorobenzene
Concen: 4.98 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

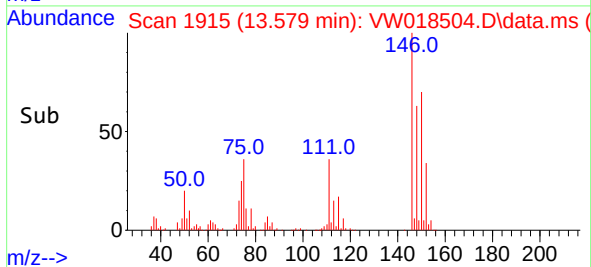
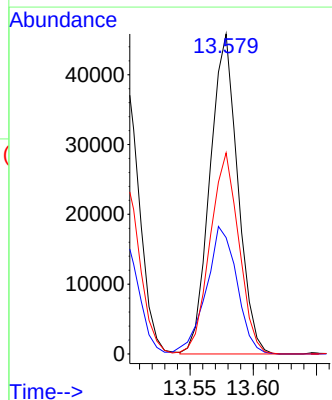
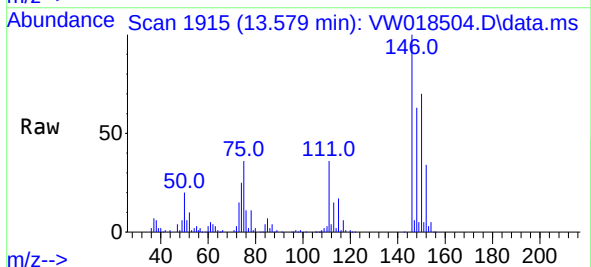
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

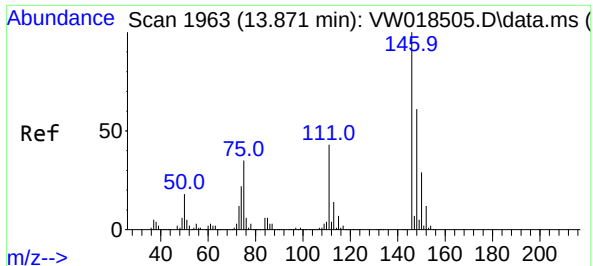
Tgt Ion:146 Resp: 66914
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.7
148 61.3 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 5.21 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:146 Resp: 70102
Ion Ratio Lower Upper
146 100
111 36.4 28.8 53.4
148 62.8 46.8 87.0

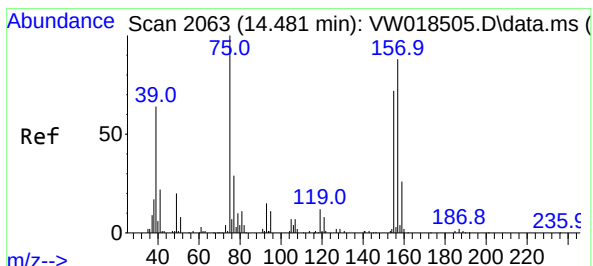
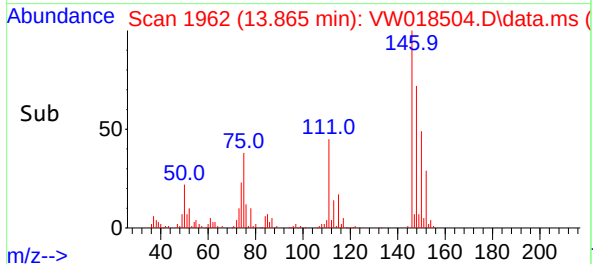
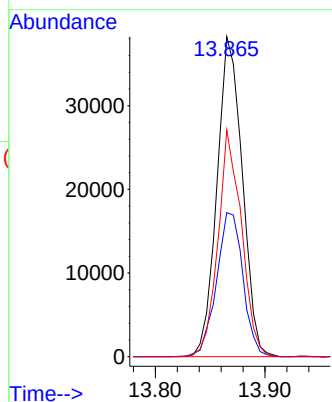
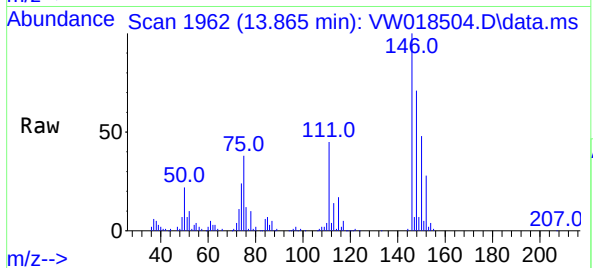




#67
1,2-Dichlorobenzene
Concen: 5.10 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

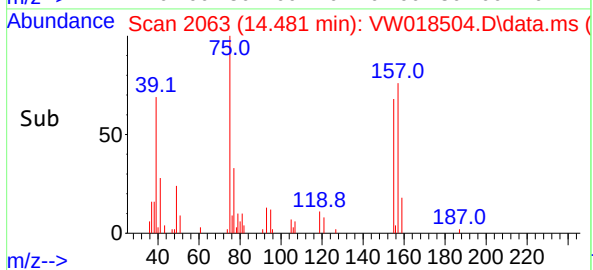
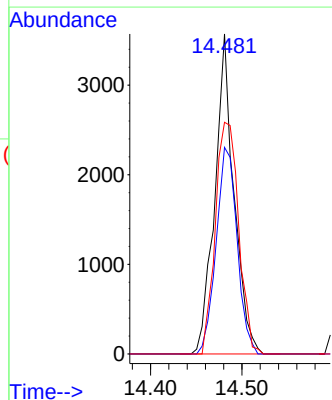
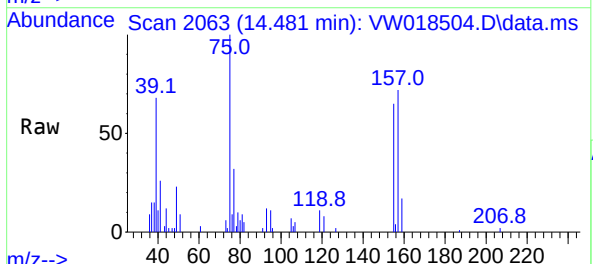
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

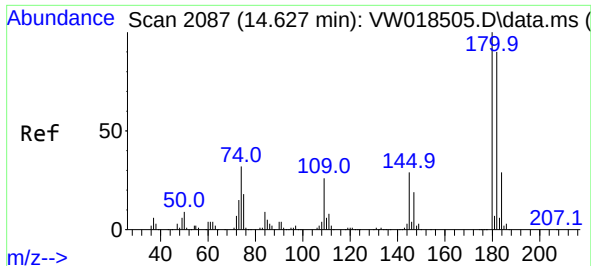
Tgt Ion:146 Resp: 61440
Ion Ratio Lower Upper
146 100
111 45.0 33.2 49.8
148 70.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 6.33 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion: 75 Resp: 5205
Ion Ratio Lower Upper
75 100
155 64.5 59.4 89.0
157 72.4 72.2 108.2

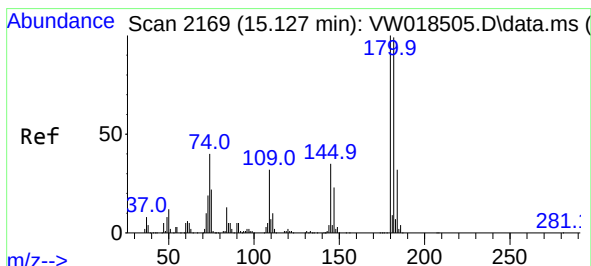
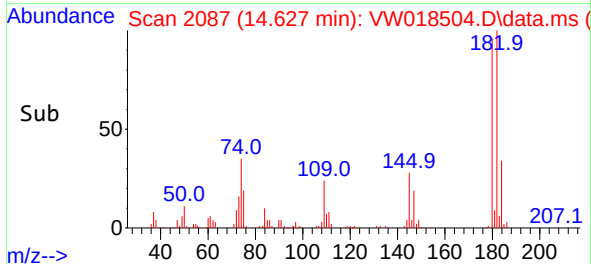
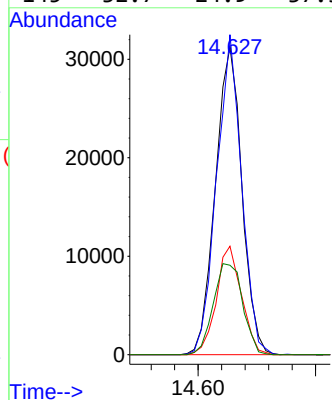
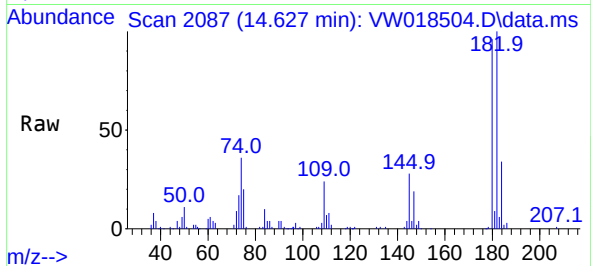




#69
1,3,5-Trichlorobenzene
Concen: 4.82 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

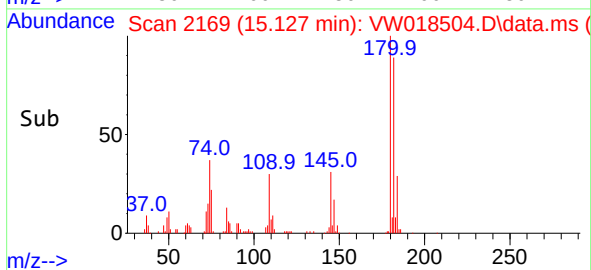
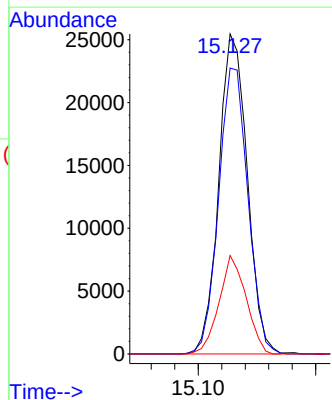
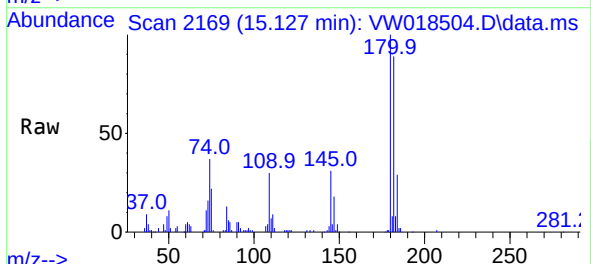
Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

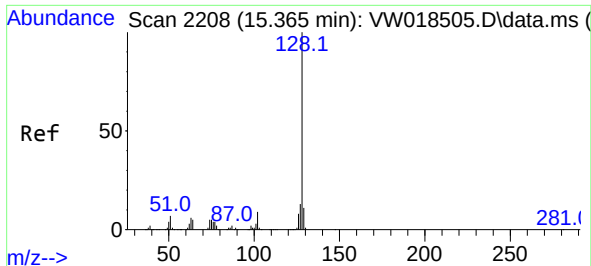
Tgt Ion:	180	Resp:	49079
Ion Ratio	Lower	Upper	
180	100		
182	97.6	73.4	110.2
184	33.4	23.6	35.4
145	32.7	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 5.13 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:	180	Resp:	42814
Ion Ratio	Lower	Upper	
180	100		
182	91.8	74.7	112.1
145	29.3	25.0	37.4



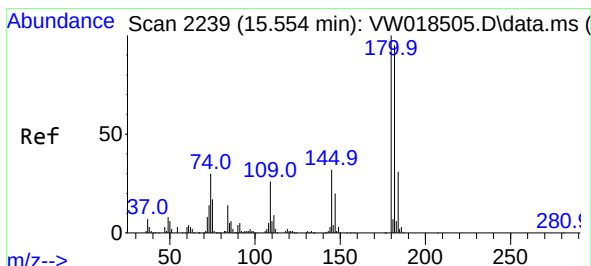
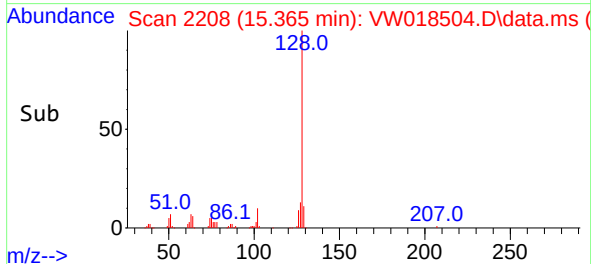
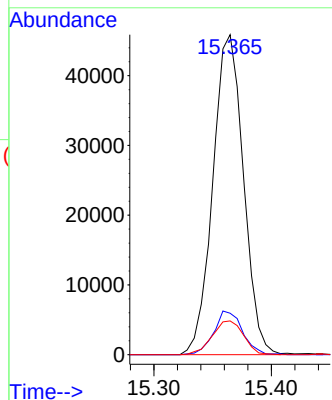
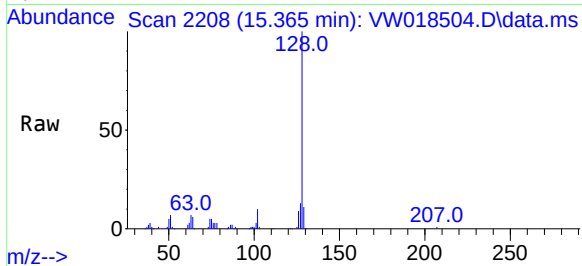


#71
Naphthalene
Concen: 5.44 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD005101

Tgt Ion:128 Resp: 82963

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.8	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 4.98 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018504.D
Acq: 31 Mar 2021 10:41

Tgt Ion:180 Resp: 36653

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.7	115.1
145	34.5	28.9	43.3

