

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020921\
 Data File : VW018058.D
 Acq On : 09 Feb 2021 12:03
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Feb 10 02:03:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 10 02:02:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	347085	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	311450	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	165693	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84714	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	2.891	69	68100	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
10) 1,1-Dichloroethene-d2	4.025	63	190262	22.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.24%
20) 2-Butanone-d5	7.074	46	55409	48.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.26%
24) Chloroform-d	7.647	84	197440	21.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	8.305	65	103290	21.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.16%
29) Benzene-d6	8.269	84	379568	22.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.76%
33) 1,2-Dichloropropane-d6	9.274	67	107536	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	10.323	98	366513	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloroprop...	10.579	79	50515	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.20%
39) 2-Hexanone-d5	10.921	63	44709	48.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.78%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	99483	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	138666	23.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.84%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.014	85	111431	23.73	ug/L 96
3) Chloromethane	2.215	50	77711	22.47	ug/L 99
5) Vinyl chloride	2.367	62	124850	26.17	ug/L 100
6) Bromomethane	2.782	94	80542	23.74	ug/L 98
8) Chloroethane	2.928	64	70389	24.69	ug/L 100
9) Trichlorofluoromethane	3.257	101	82807	24.01	ug/L 100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	126305	25.62	ug/L # 66
12) 1,1-Dichloroethene	4.044	96	119775	25.83	ug/L 96
13) Acetone	4.117	43	42131	49.47	ug/L 94
14) Carbon disulfide	4.385	76	350275	25.93	ug/L 98
15) Methyl Acetate	4.666	43	49061	25.97	ug/L 96
16) Methylene chloride	4.915	84	118606	21.32	ug/L 94
17) Methyl tert-butyl Ether	5.421	73	131551	25.27	ug/L 96
18) trans-1,2-Dichloroethene	5.421	96	124390	25.10	ug/L 97
19) 1,1-Dichloroethane	6.214	63	197902	24.74	ug/L 98
21) 2-Butanone	7.165	43	64532	49.77	ug/L 96
22) cis-1,2-Dichloroethene	7.165	96	127547	24.81	ug/L 98
23) Bromochloromethane	7.513	128	61258	24.79	ug/L 94
25) Chloroform	7.671	83	215065	24.64	ug/L 100
27) 1,2-Dichloroethane	8.397	62	135991	24.00	ug/L 100

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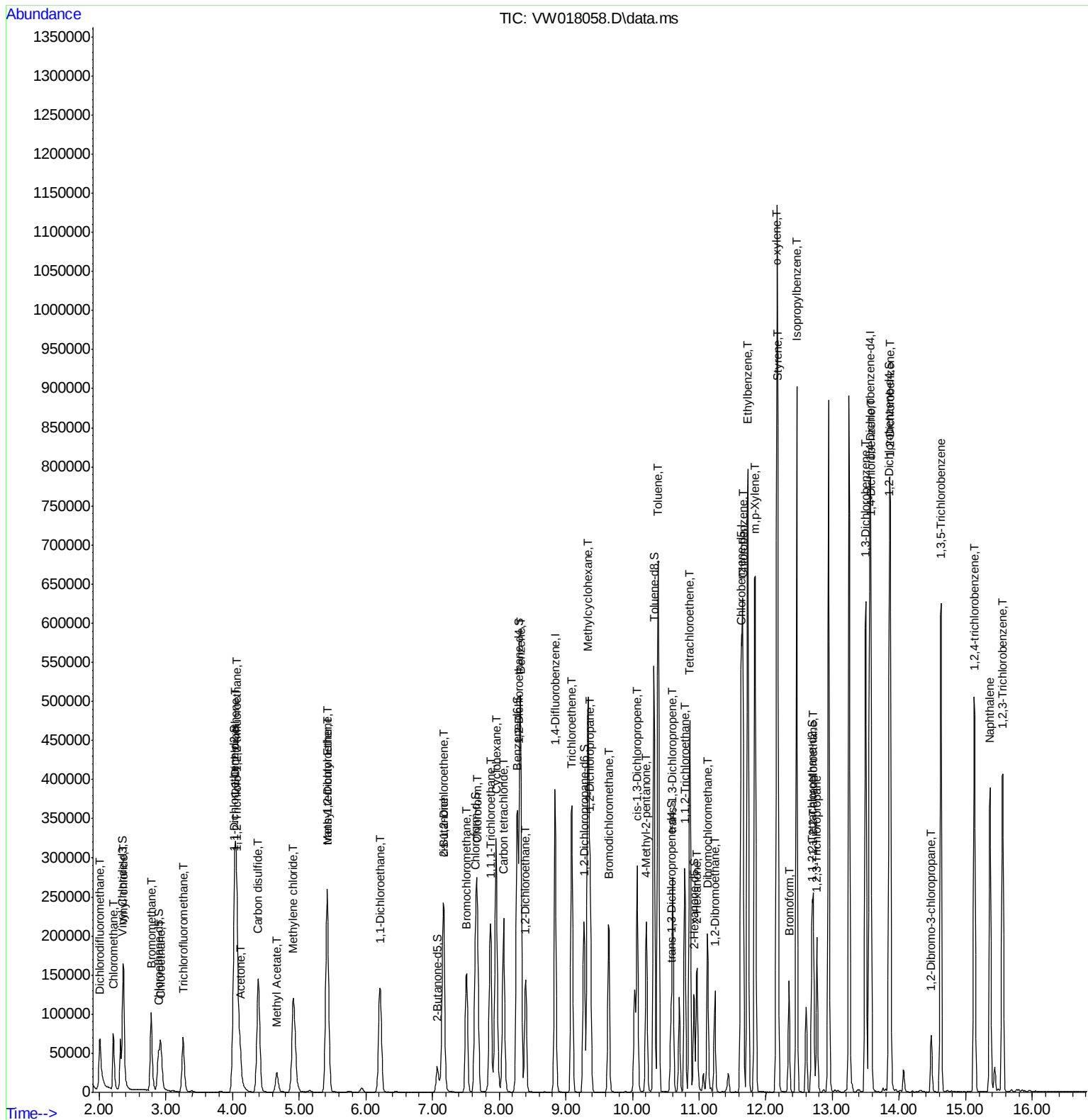
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	185498	26.04	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	183320	26.55	ug/L	99
32) Carbon tetrachloride	8.067	117	176780	26.43	ug/L	99
34) Benzene	8.323	78	464118	25.50	ug/L	100
35) Trichloroethene	9.085	95	131585	25.65	ug/L	98
36) Methylcyclohexane	9.335	83	228432	26.48	ug/L	96
40) 1,2-Dichloropropane	9.366	63	106641	25.53	ug/L	100
41) Bromodichloromethane	9.640	83	150240	25.12	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	175285	26.04	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	135190	52.05	ug/L	94
44) Toluene	10.384	91	520089	25.96	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	152952	26.10	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	90849	25.48	ug/L	97
47) Tetrachloroethene	10.860	164	113443	25.97	ug/L	97
49) 2-Hexanone	10.969	43	94808	52.53	ug/L	94
50) Dibromochloromethane	11.128	129	108721	25.45	ug/L	100
51) 1,2-Dibromoethane	11.238	107	90787	25.53	ug/L	99
52) Chlorobenzene	11.658	112	337911	25.60	ug/L	99
53) Ethylbenzene	11.731	91	576169	25.31	ug/L	96
54) m,p-Xylene	11.835	106	224083	25.81	ug/L	97
55) o-xylene	12.164	106	209682	25.46	ug/L	100
56) Styrene	12.182	104	363171	25.93	ug/L	96
57) Isopropylbenzene	12.463	105	593009	25.86	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	108001	25.60	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	80235	25.11	ug/L	100
62) Bromoform	12.347	173	67384	26.39	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	269978	25.56	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	268802	25.31	ug/L	94
65) 1,2-Dichlorobenzene	13.865	146	232533	24.41	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	18763	26.01	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	211418	26.06	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	174137	25.74	ug/L	94
69) Naphthalene	15.365	128	352087	26.75	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	155733	25.83	ug/L	99

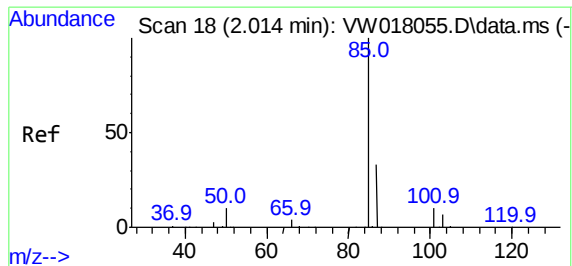
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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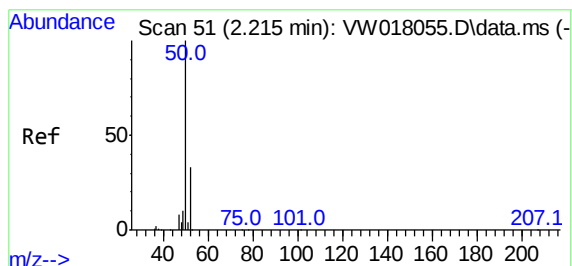
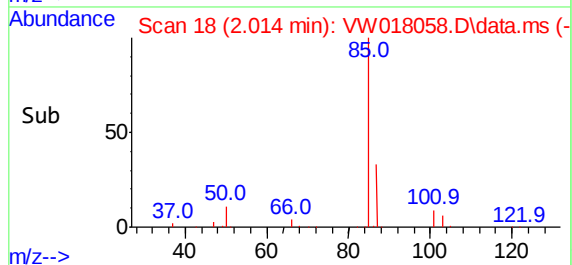
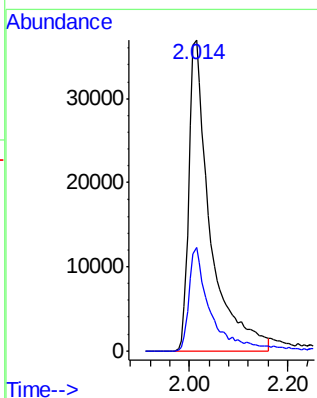
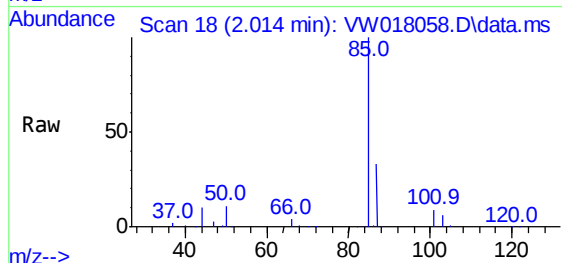




#2
Dichlorodifluoromethane
Concen: 23.73 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

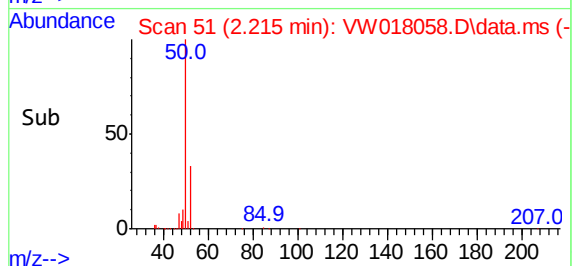
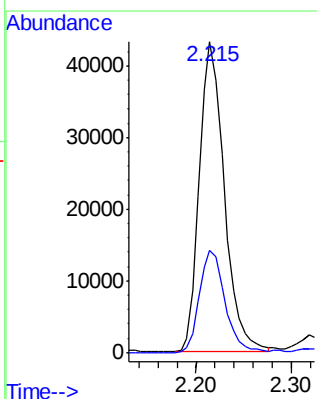
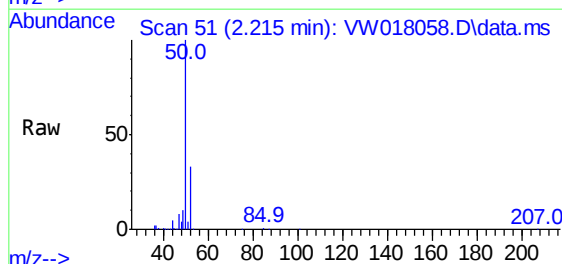
Instrument :
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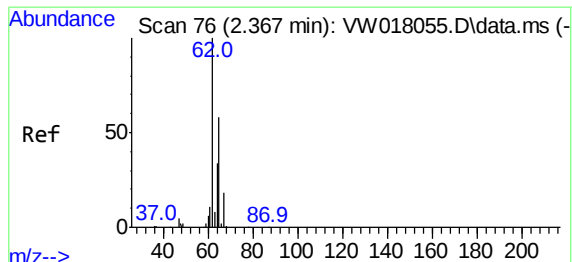
Tgt Ion: 85 Resp: 111431
Ion Ratio Lower Upper
85 100
87 30.8 23.2 43.0



#3
Chloromethane
Concen: 22.47 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 50 Resp: 77711
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.6

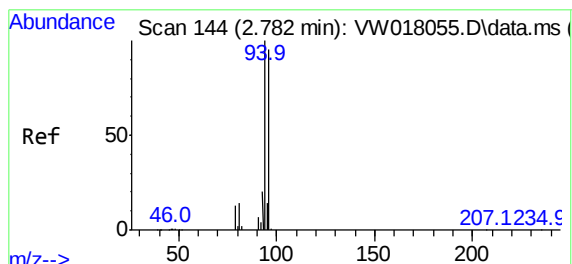
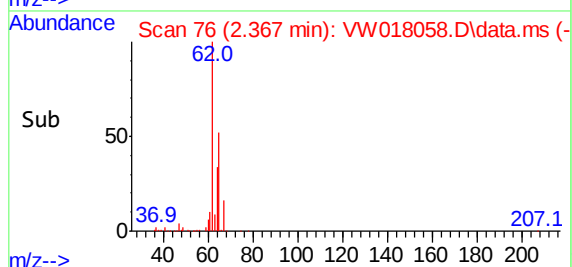
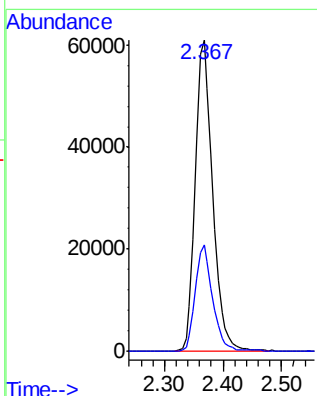
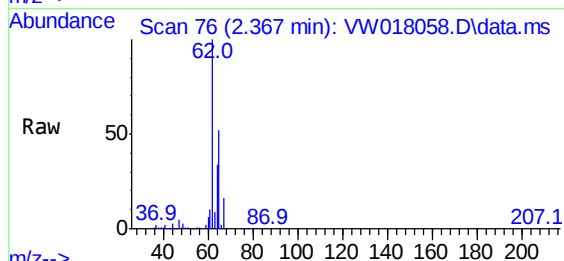




#5
 Vinyl chloride
 Concen: 26.17 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018058.D
 Acq: 09 Feb 2021 12:03

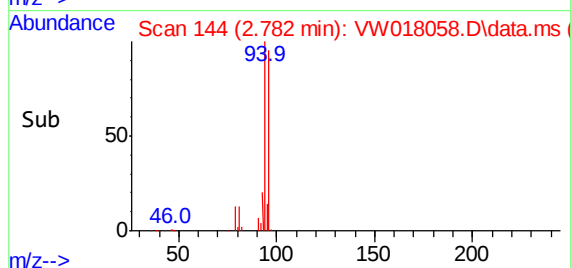
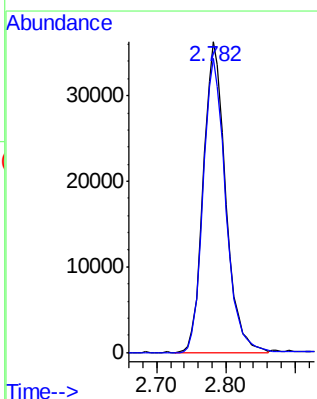
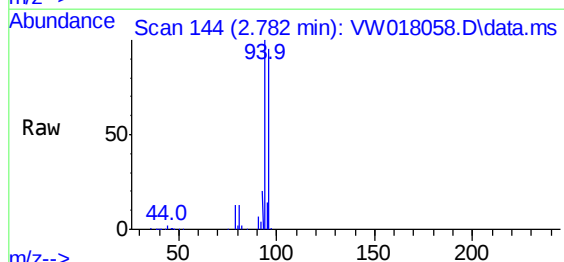
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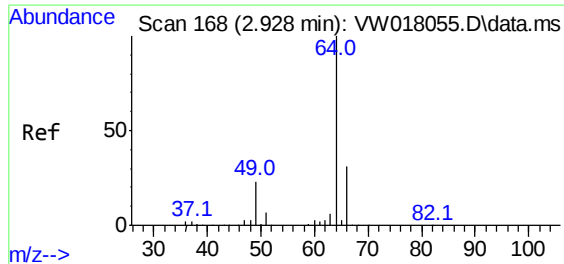
Tgt Ion: 62 Resp: 124850
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.9 44.5



#6
 Bromomethane
 Concen: 23.74 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018058.D
 Acq: 09 Feb 2021 12:03

Tgt Ion: 94 Resp: 80542
 Ion Ratio Lower Upper
 94 100
 96 95.8 9.4 178.0

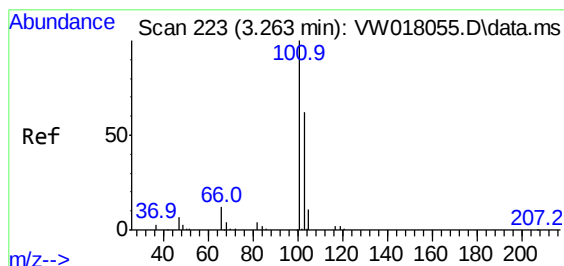
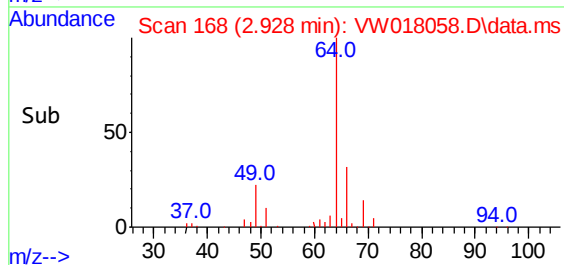
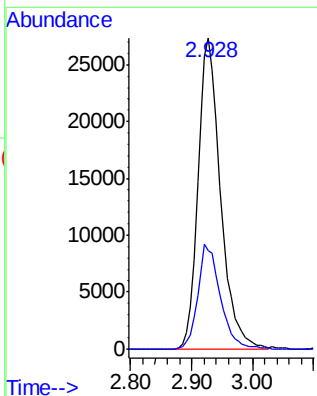
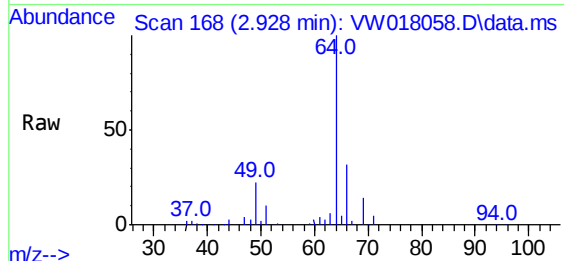




#8
Chloroethane
Concen: 24.69 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

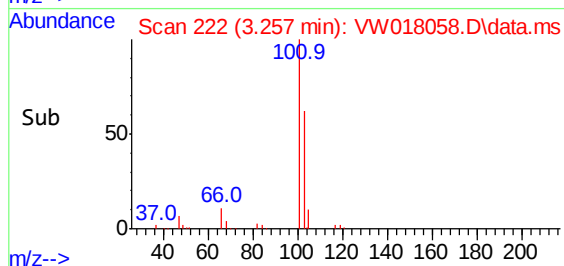
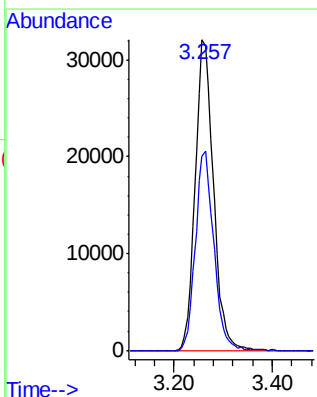
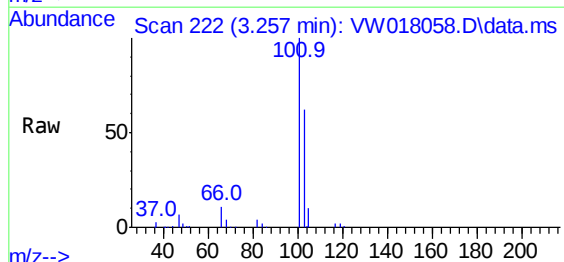
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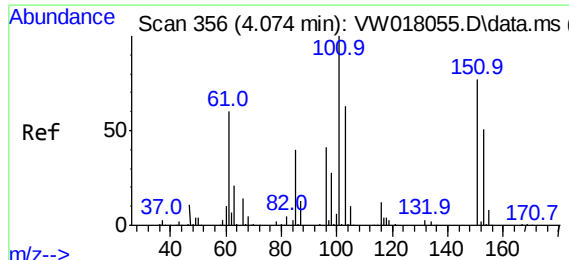
Tgt Ion: 64 Resp: 70389
Ion Ratio Lower Upper
64 100
66 31.7 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.01 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion:101 Resp: 82807
Ion Ratio Lower Upper
101 100
103 64.4 45.0 83.6

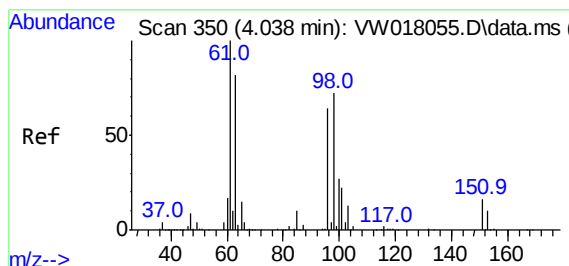
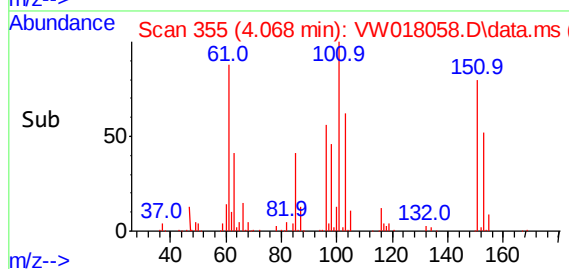
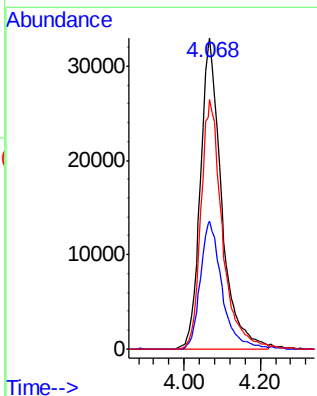
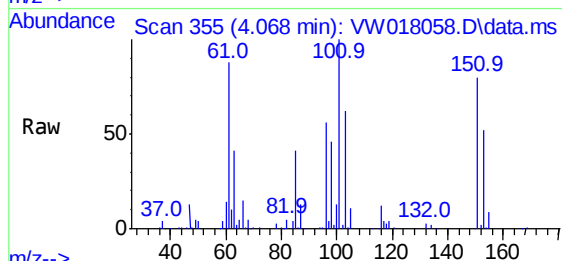




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.62 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW018058.D
 Acq: 09 Feb 2021 12:03

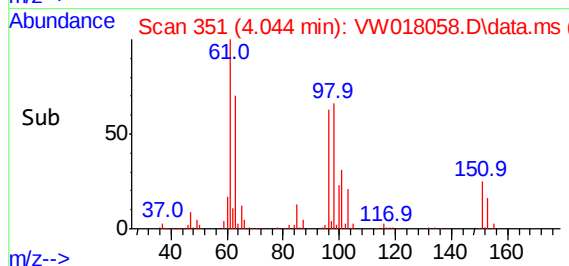
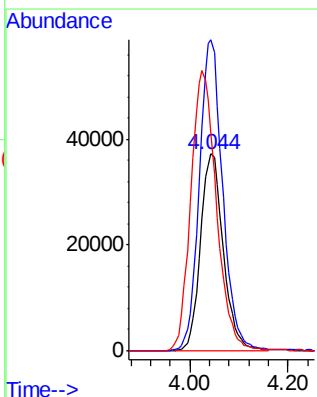
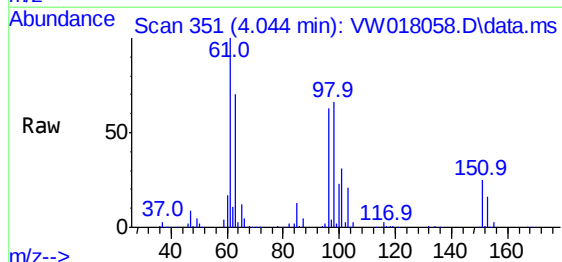
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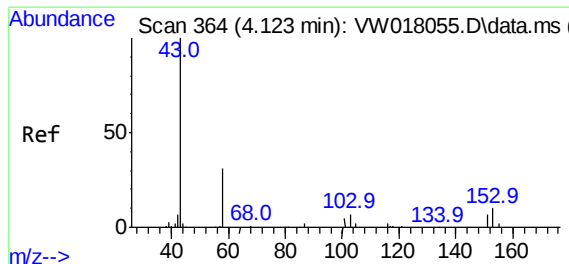
Tgt Ion:101 Resp: 126305
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.2 51.4
 151 81.0 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 25.83 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018058.D
 Acq: 09 Feb 2021 12:03

Tgt Ion: 96 Resp: 119775
 Ion Ratio Lower Upper
 96 100
 61 158.1 112.5 208.9
 63 110.6 83.1 154.3

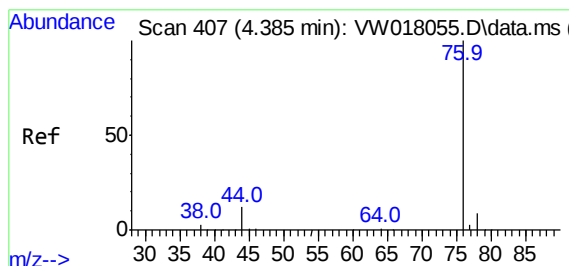
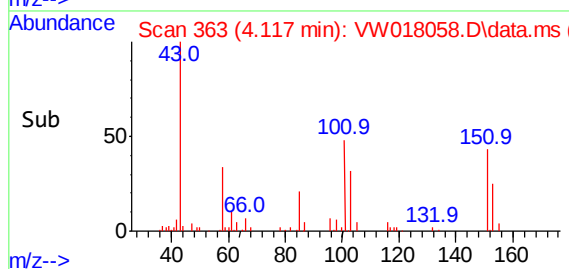
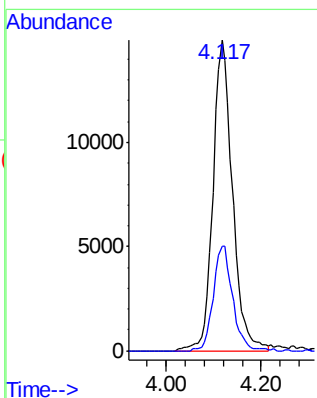
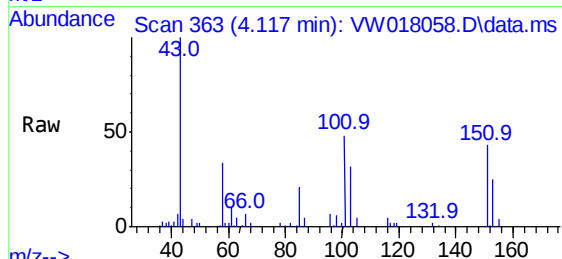




#13
Acetone
Concen: 49.47 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

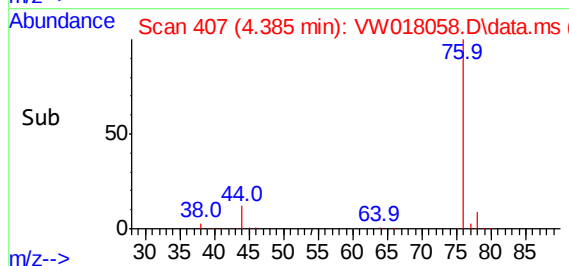
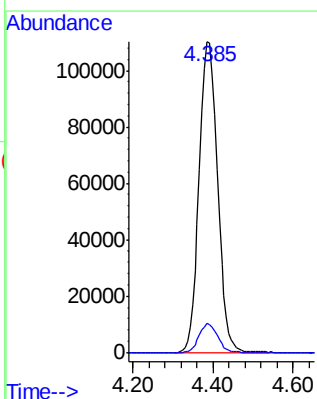
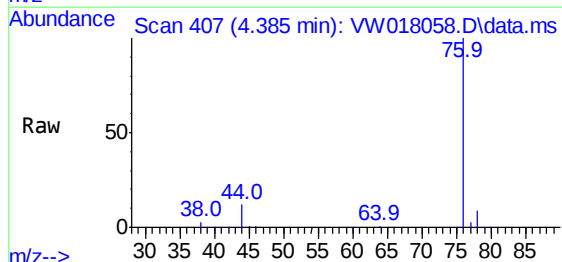
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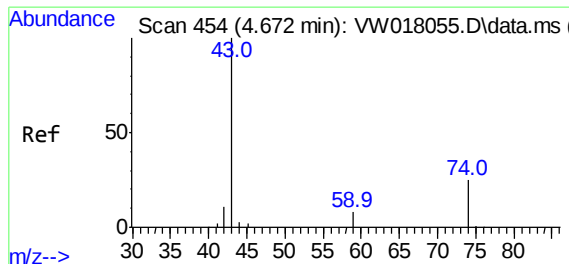
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Ion Ratio Lower Upper
43 100
58 30.6 0.0 68.4



#14
Carbon disulfide
Concen: 25.93 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 76 Resp: 350275
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

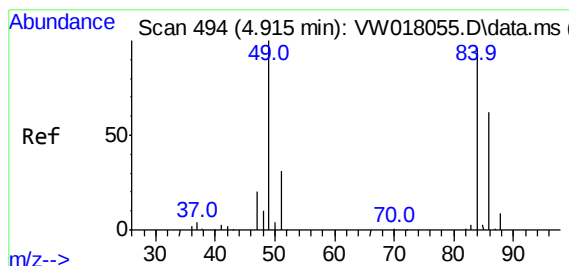
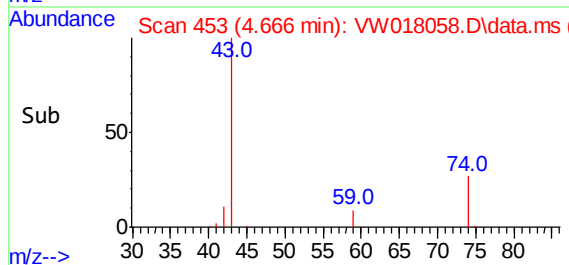
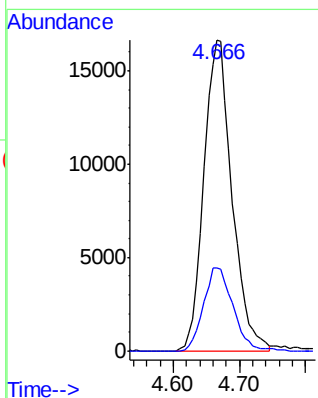
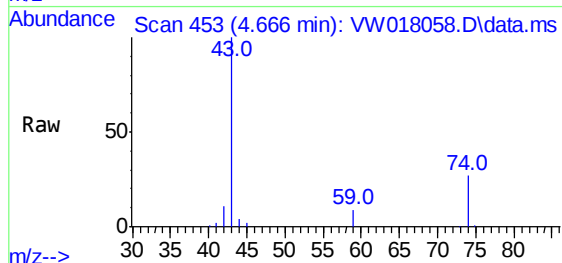




#15
Methyl Acetate
Concen: 25.97 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

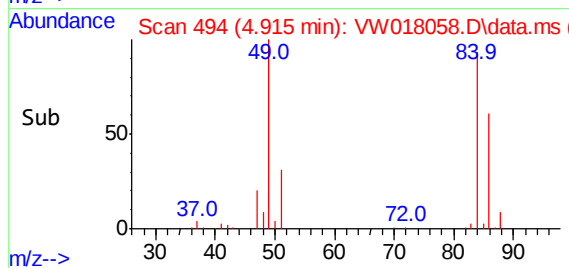
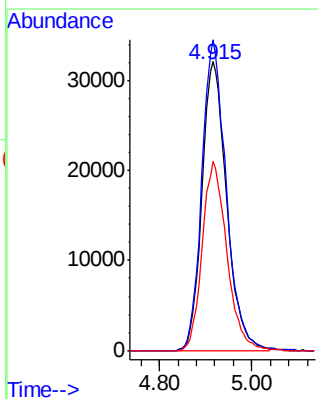
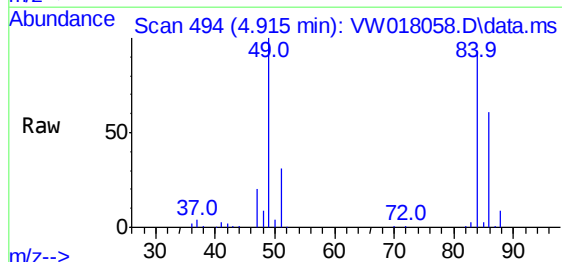
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

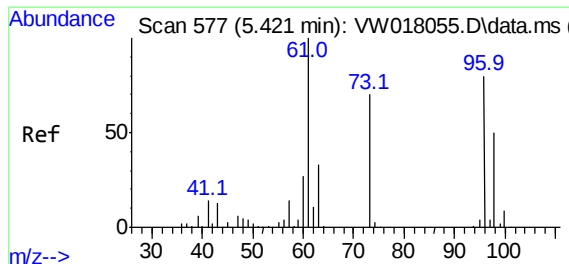
Tgt Ion:	43	Resp:	49061
Ion	Ratio	Lower	Upper
43	100		
74	27.9	20.7	31.1



#16
Methylene chloride
Concen: 21.32 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion:	84	Resp:	118606
Ion	Ratio	Lower	Upper
84	100		
49	107.4	81.2	150.8
86	65.5	44.5	82.7



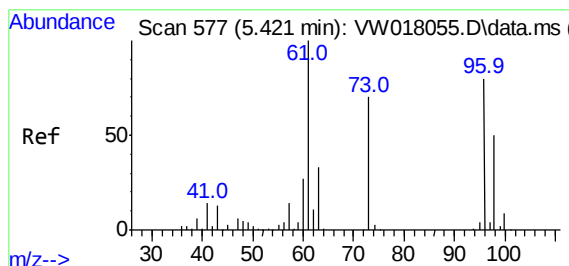
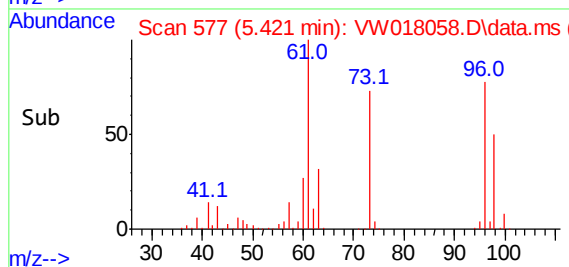
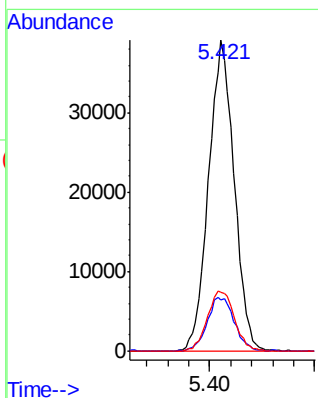
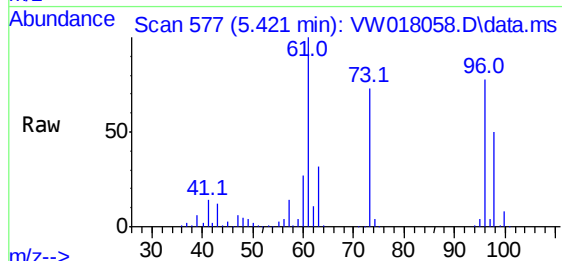


#17
Methyl tert-butyl Ether
Concen: 25.27 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 73 Resp: 131551

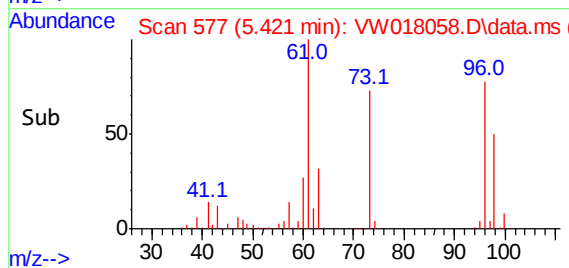
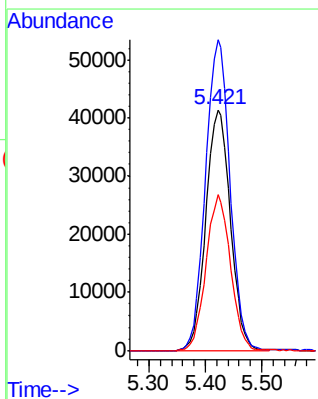
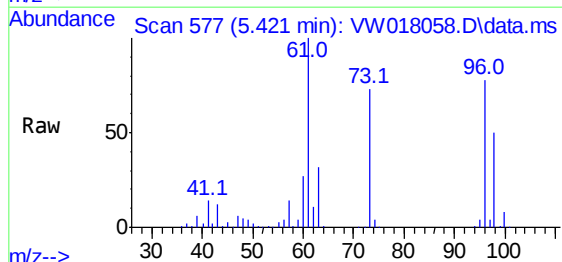
Ion	Ratio	Lower	Upper
73	100		
43	18.2	16.2	24.4
57	20.3	17.2	25.8

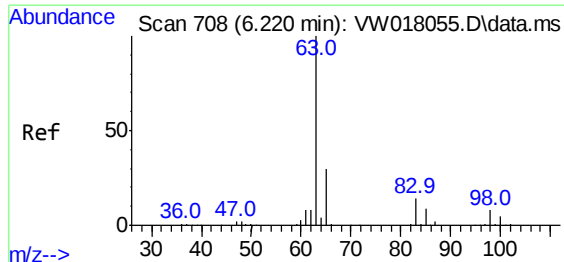


#18
trans-1,2-Dichloroethene
Concen: 25.10 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 96 Resp: 124390

Ion	Ratio	Lower	Upper
96	100		
61	129.0	92.7	172.1
98	64.7	43.3	80.3



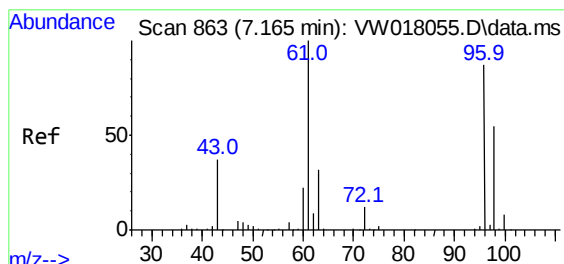
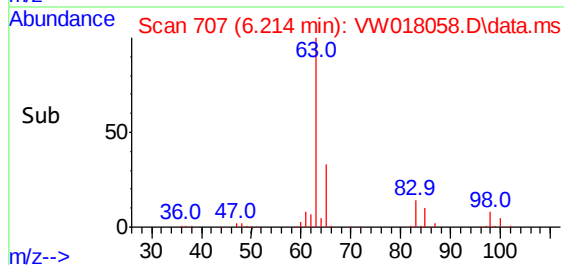
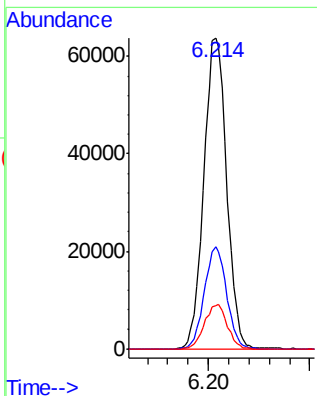
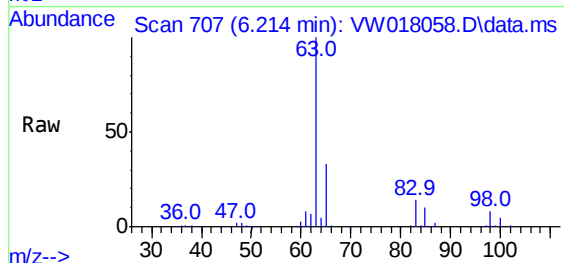


#19
1,1-Dichloroethane
Concen: 24.74 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 63 Resp: 197902

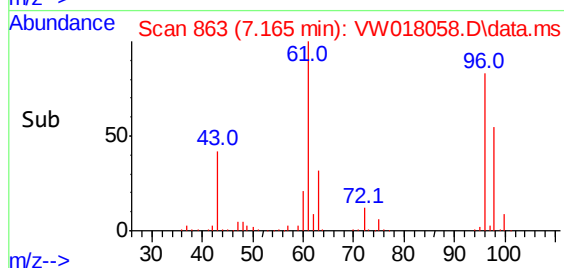
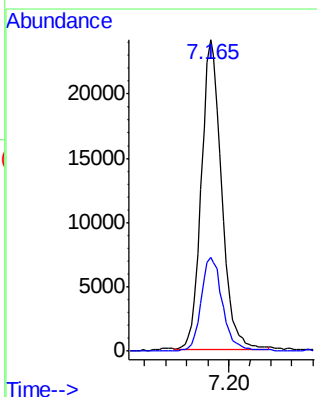
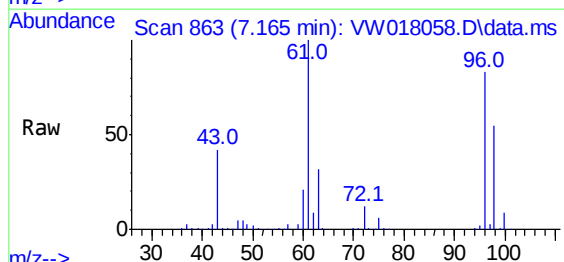
Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.9	40.7
83	14.0	9.4	17.6

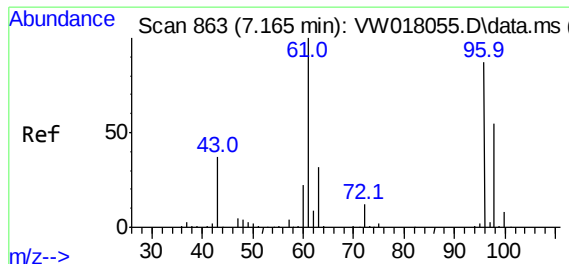


#21
2-Butanone
Concen: 49.77 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 43 Resp: 64532

Ion	Ratio	Lower	Upper
43	100		
72	31.1	14.4	43.2

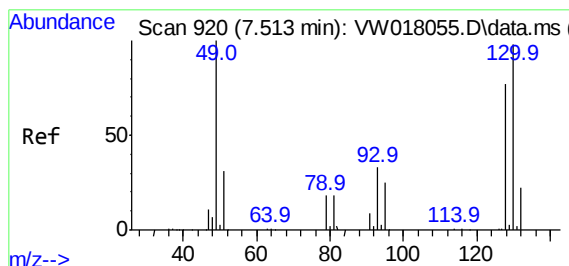
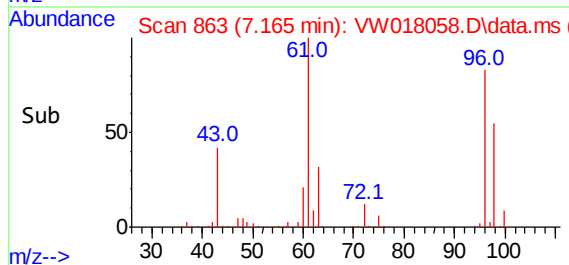
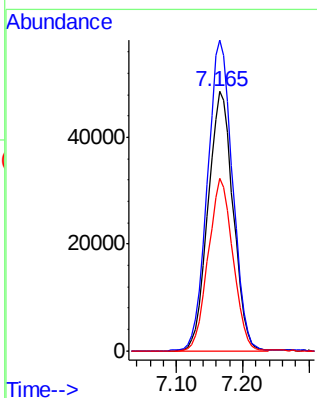
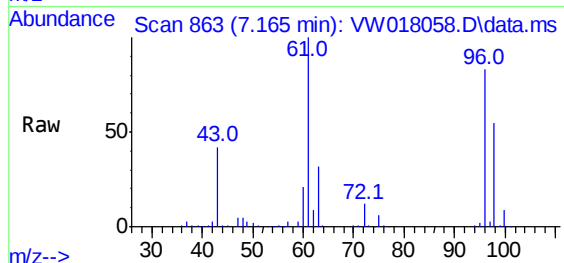




#22
cis-1,2-Dichloroethene
Concen: 24.81 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

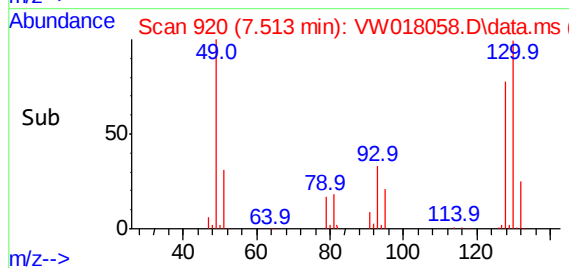
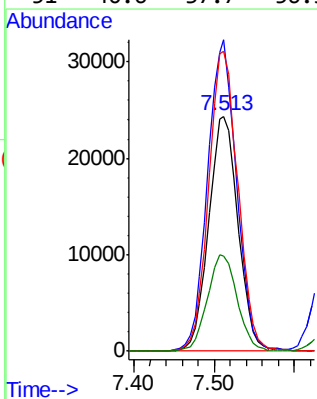
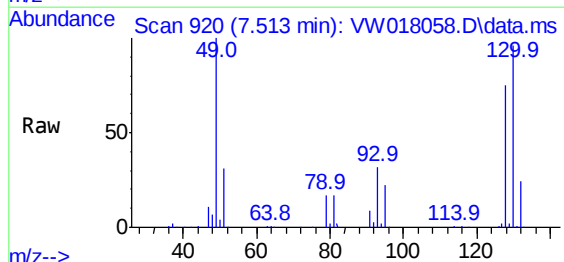
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

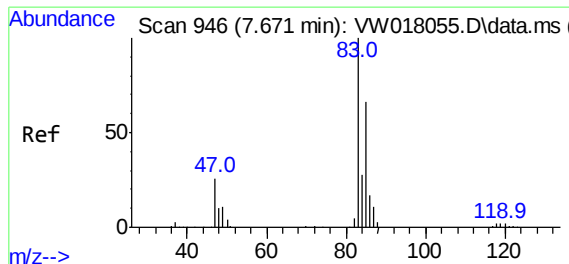
Tgt Ion: 96 Resp: 127547
Ion Ratio Lower Upper
96 100
61 119.8 84.6 157.2
98 66.3 44.7 82.9



#23
Bromochloromethane
Concen: 24.79 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 128 Resp: 61258
Ion Ratio Lower Upper
128 100
49 132.6 101.6 188.6
130 127.6 90.4 167.8
51 40.6 37.7 56.5

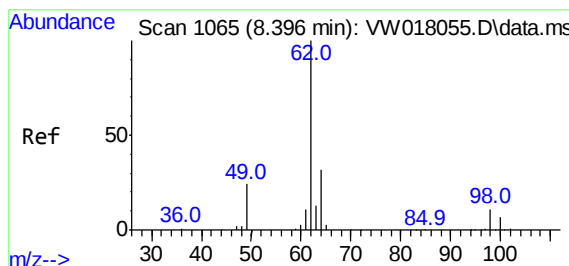
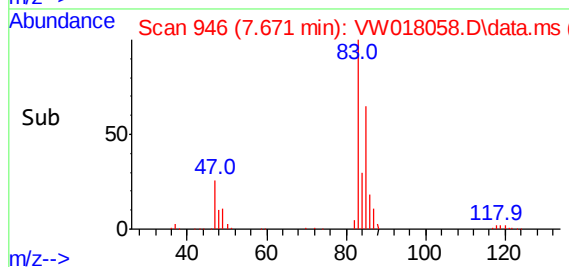
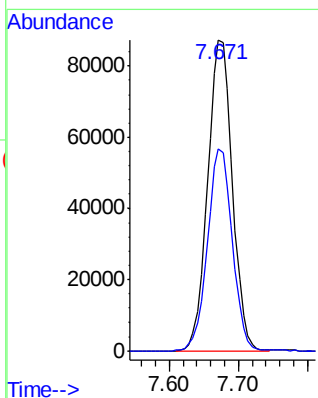
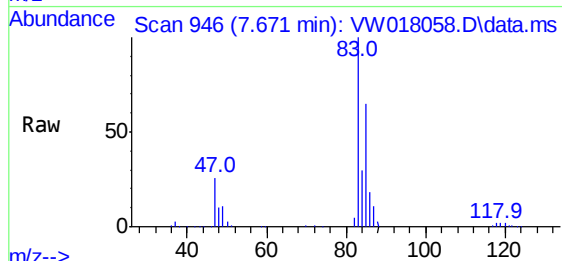




#25
Chloroform
Concen: 24.64 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

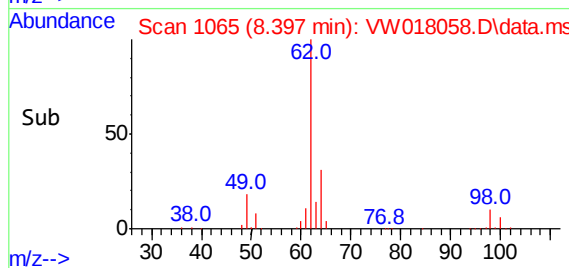
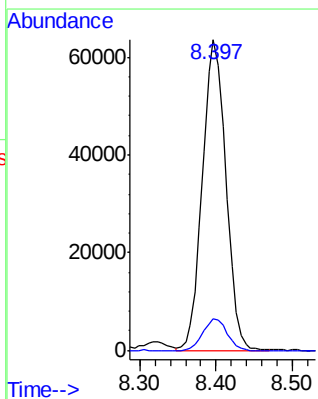
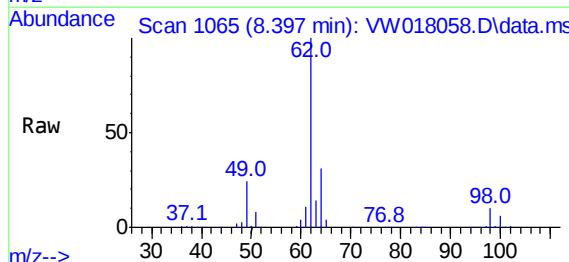
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

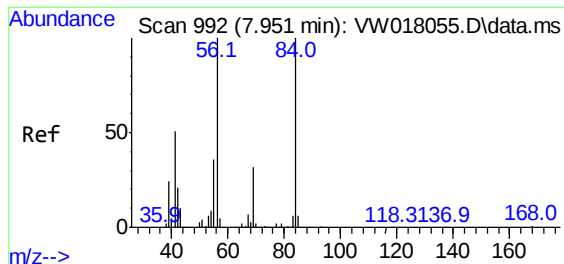
Tgt Ion: 83 Resp: 215065
Ion Ratio Lower Upper
83 100
85 65.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.00 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 62 Resp: 135991
Ion Ratio Lower Upper
62 100
98 10.1 8.0 12.0

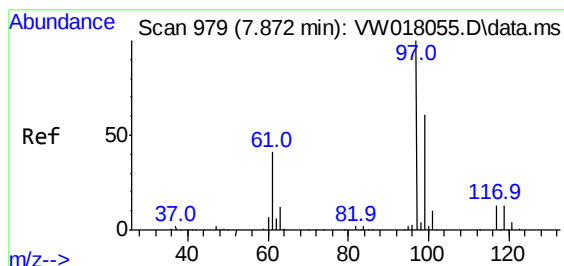
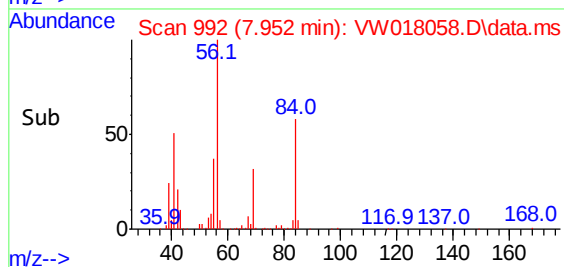
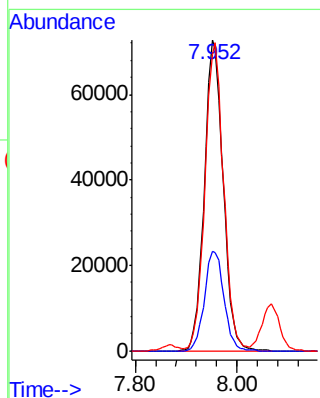
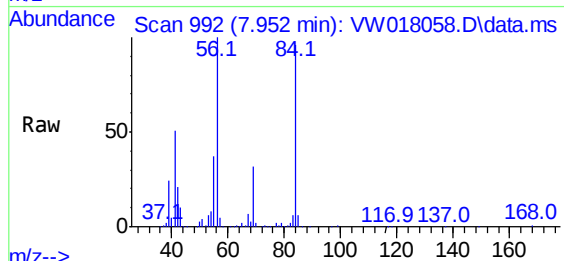




#30
Cyclohexane
Concen: 26.04 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

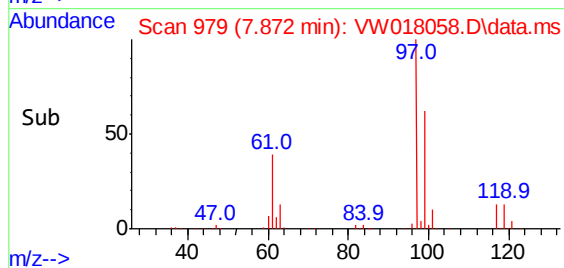
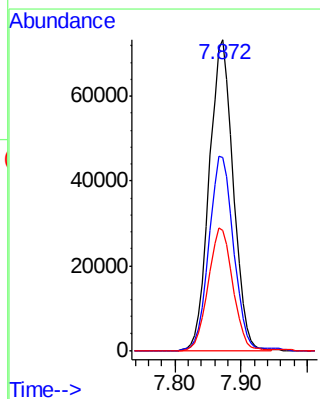
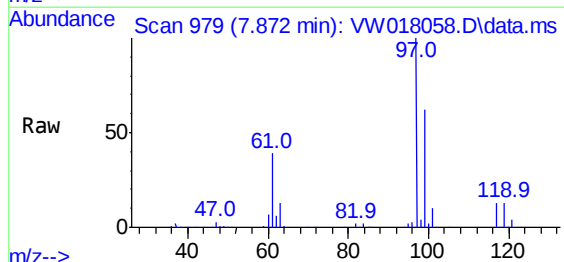
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

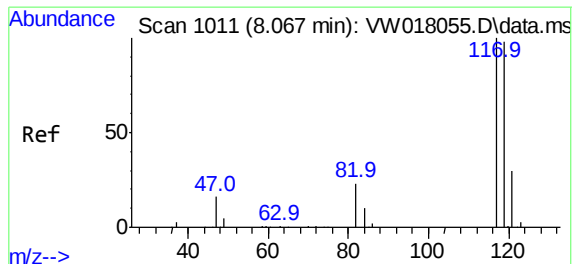
Tgt Ion: 56 Resp: 185498
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 99.0 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 26.55 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 97 Resp: 183320
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 40.2 33.6 50.4

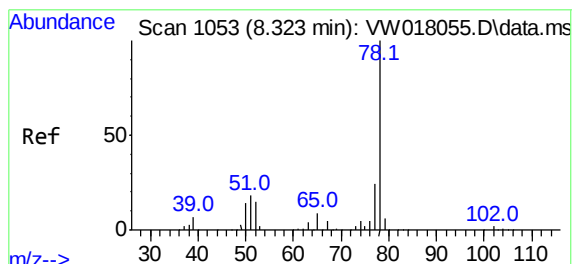
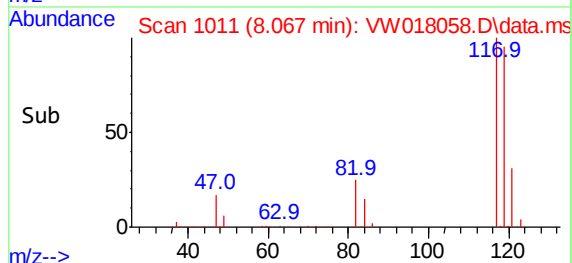
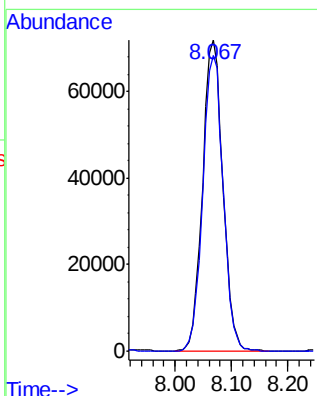
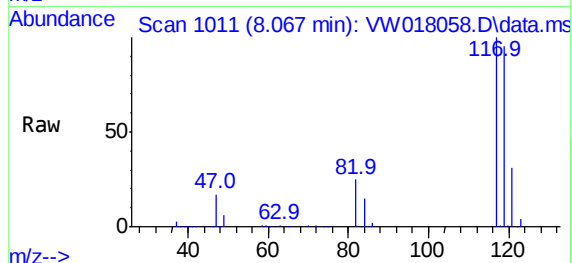




#32
Carbon tetrachloride
Concen: 26.43 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

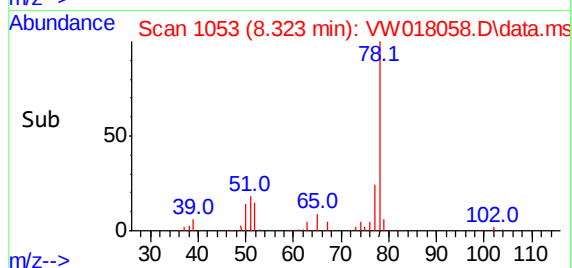
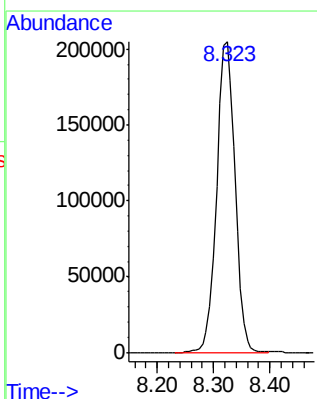
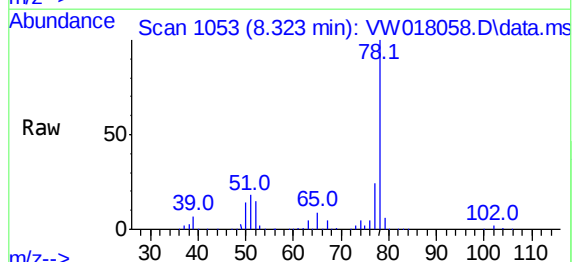
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

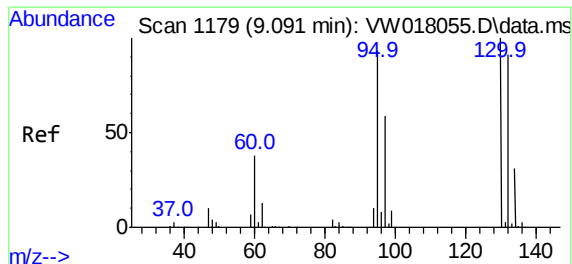
Tgt Ion:117 Resp: 176780
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8



#34
Benzene
Concen: 25.50 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 78 Resp: 464118

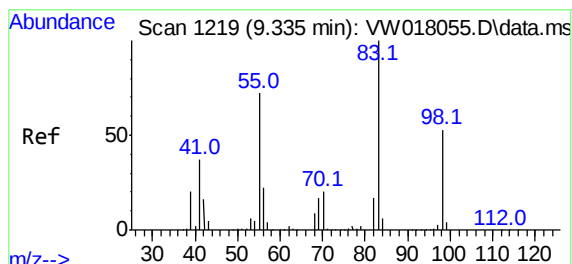
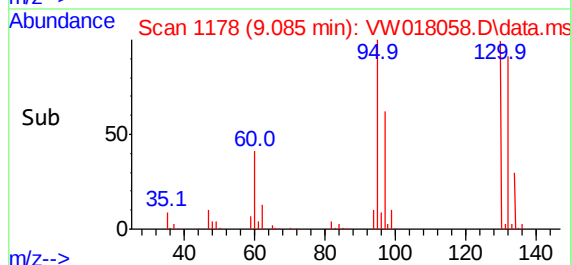
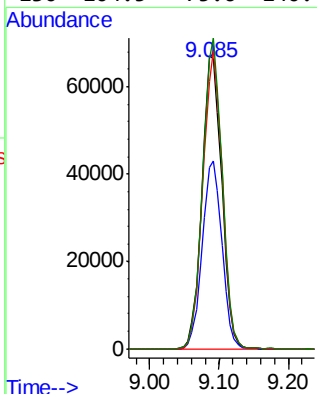
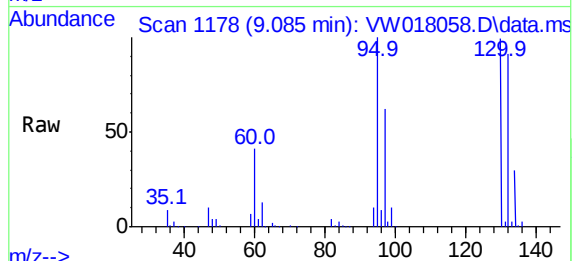




#35
Trichloroethene
Concen: 25.65 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

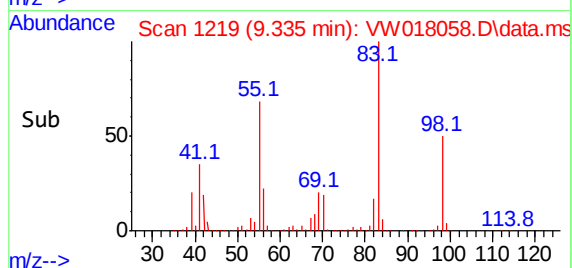
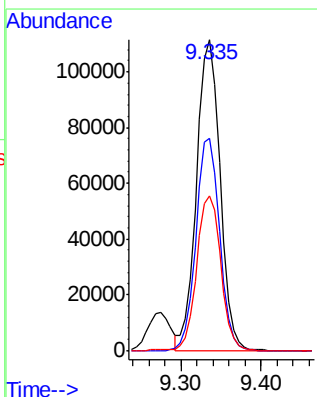
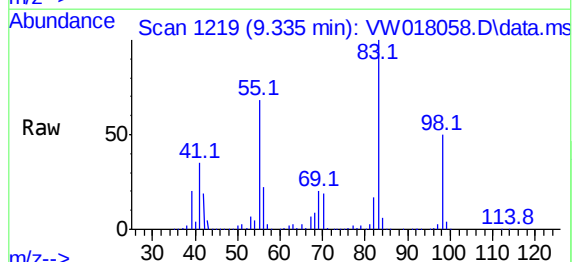
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

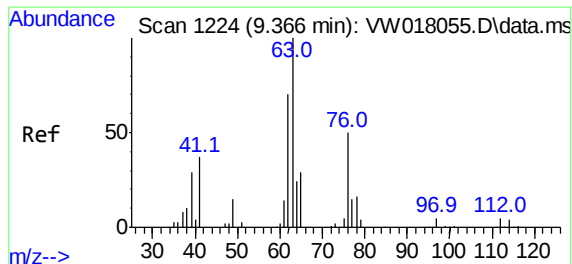
Tgt Ion: 95 Resp: 131585
Ion Ratio Lower Upper
95 100
97 63.8 45.0 83.6
132 99.9 71.0 131.8
130 104.5 75.6 140.4



#36
Methylcyclohexane
Concen: 26.48 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 83 Resp: 228432
Ion Ratio Lower Upper
83 100
55 68.2 59.4 89.0
98 50.8 40.7 61.1

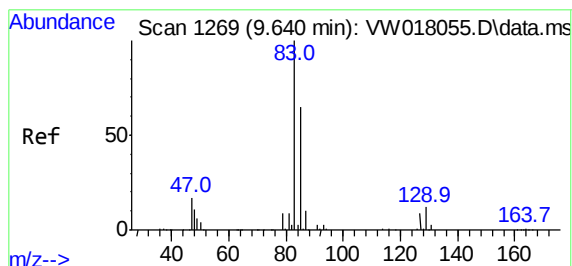
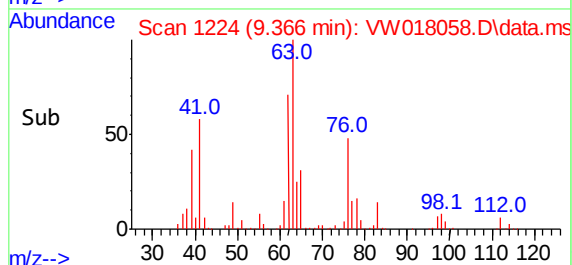
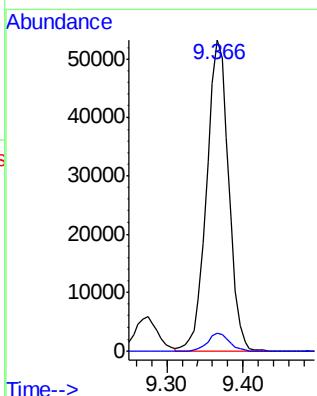
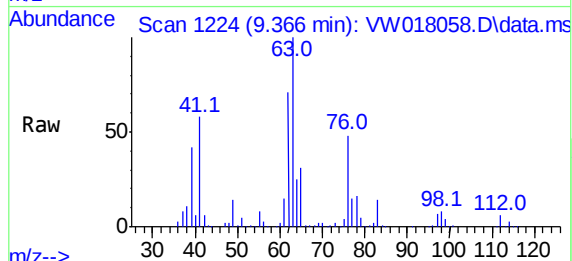




#40
1,2-Dichloropropane
Concen: 25.53 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

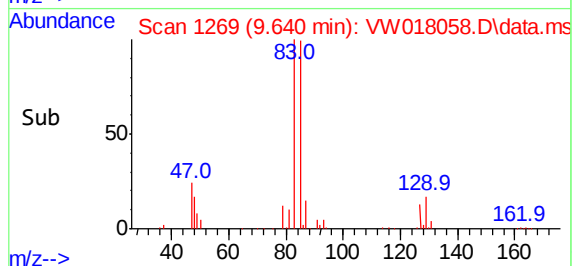
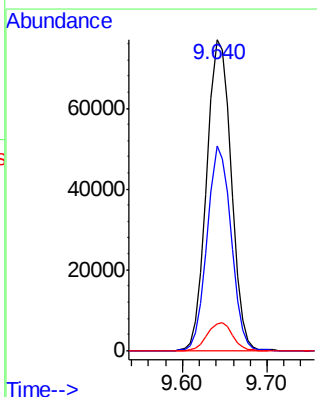
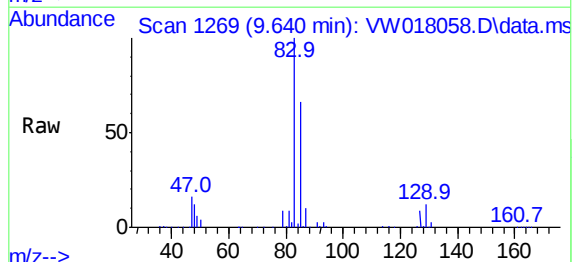
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

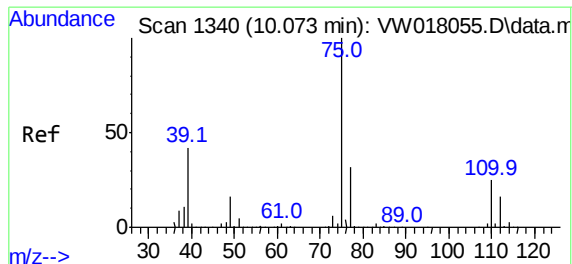
Tgt Ion: 63 Resp: 106641
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 25.12 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 83 Resp: 150240
Ion Ratio Lower Upper
83 100
85 65.8 46.8 86.8
127 8.5 7.6 11.4

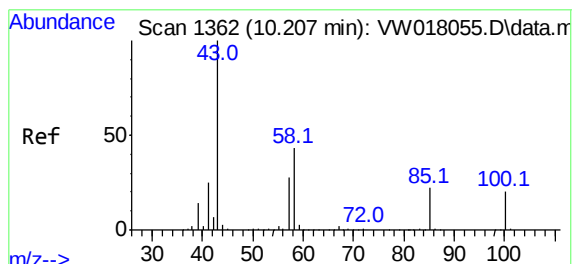
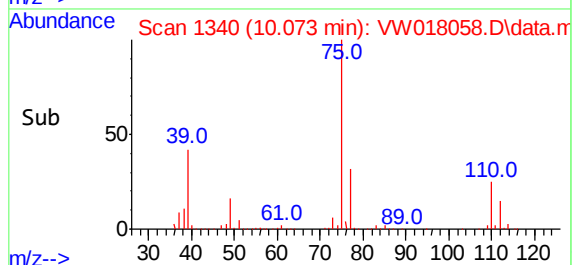
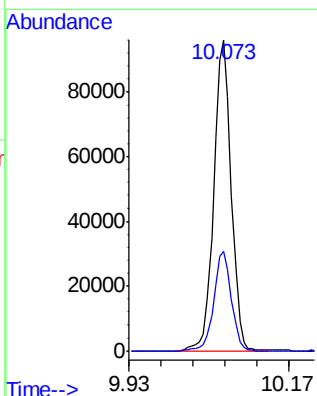
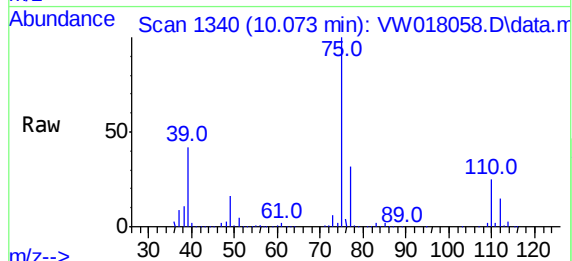




#42
cis-1,3-Dichloropropene
Concen: 26.04 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

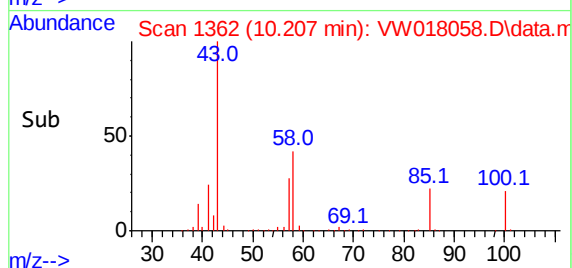
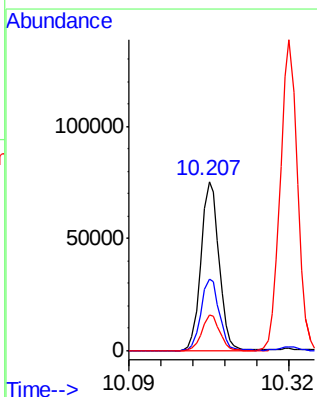
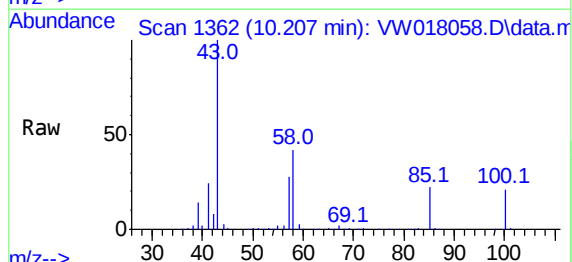
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

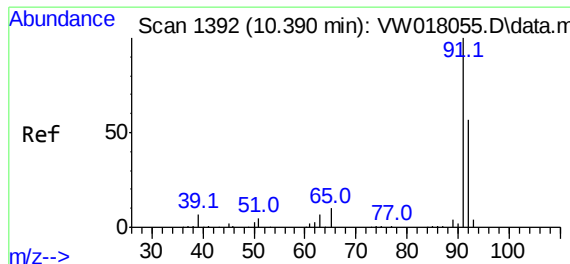
Tgt Ion: 75 Resp: 175285
Ion Ratio Lower Upper
75 100
77 32.2 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 52.05 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 43 Resp: 135190
Ion Ratio Lower Upper
43 100
58 42.6 31.6 47.4
100 20.6 14.1 21.1

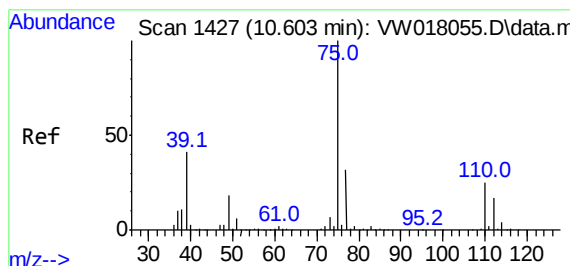
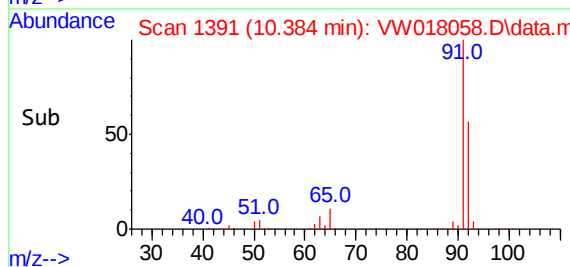
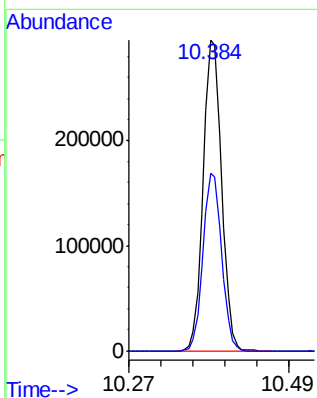
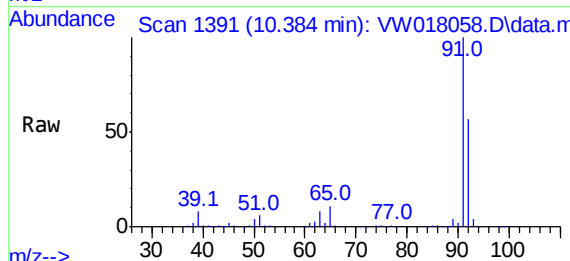




#44
Toluene
Concen: 25.96 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

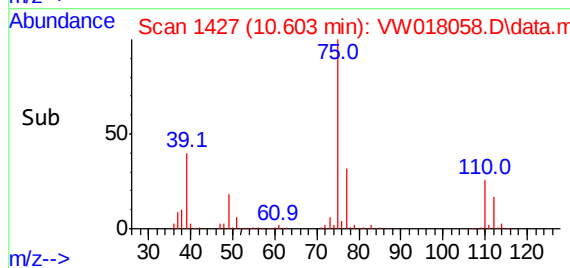
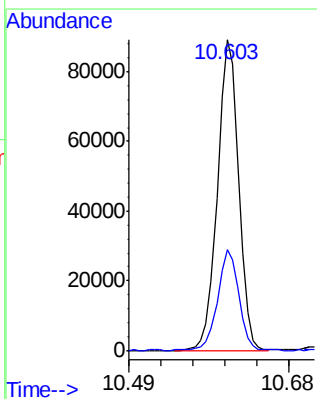
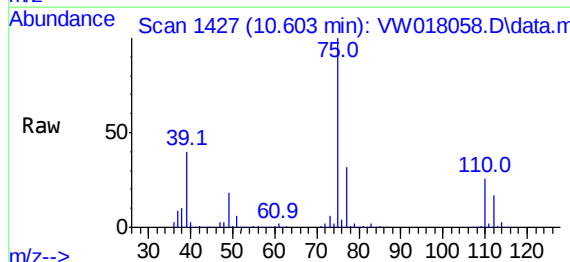
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

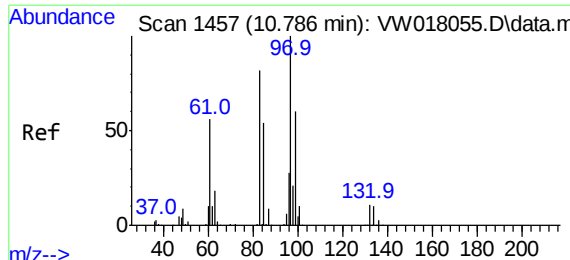
Tgt Ion: 91 Resp: 520089
Ion Ratio Lower Upper
91 100
92 57.2 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 26.10 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 75 Resp: 152952
Ion Ratio Lower Upper
75 100
77 32.3 22.6 42.0



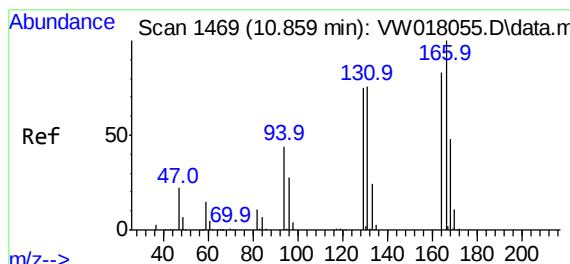
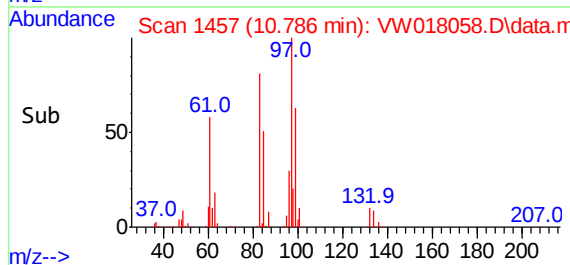
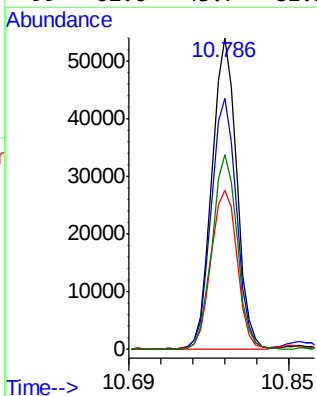
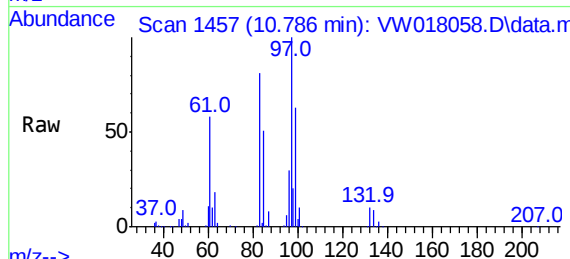


#46
1,1,2-Trichloroethane
Concen: 25.48 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 97 Resp: 90849

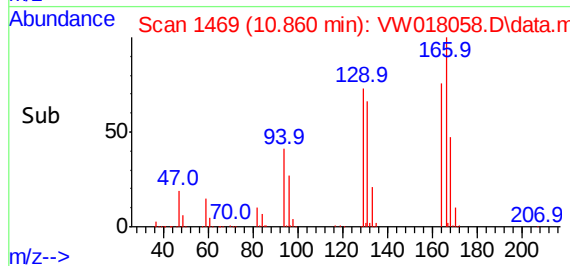
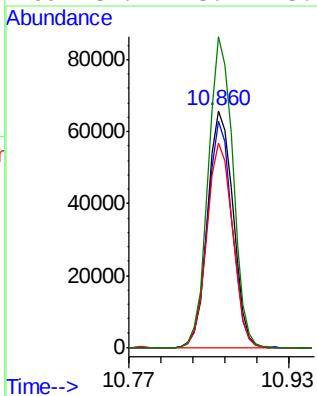
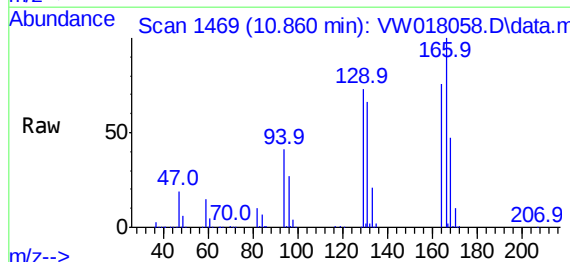
Ion	Ratio	Lower	Upper
97	100		
83	80.6	58.5	108.7
85	51.1	37.8	70.2
99	62.6	43.7	81.1

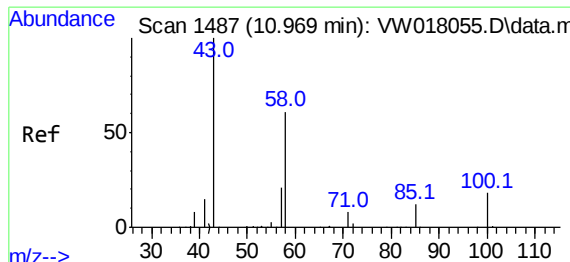


#47
Tetrachloroethene
Concen: 25.97 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 164 Resp: 113443

Ion	Ratio	Lower	Upper
164	100		
129	95.3	67.6	125.6
131	86.5	65.2	121.2
166	131.2	93.2	173.2

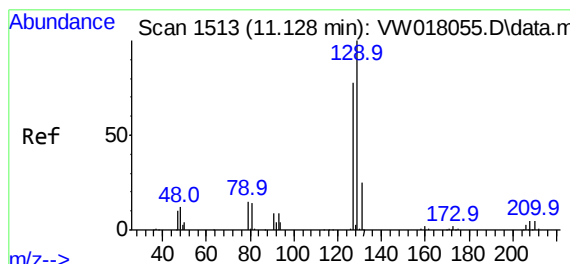
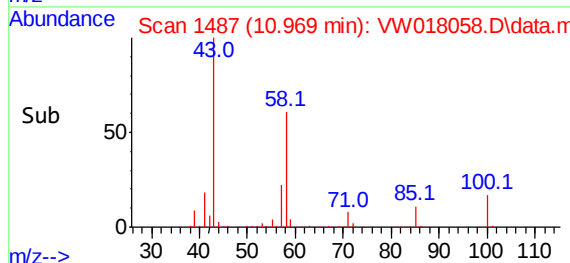
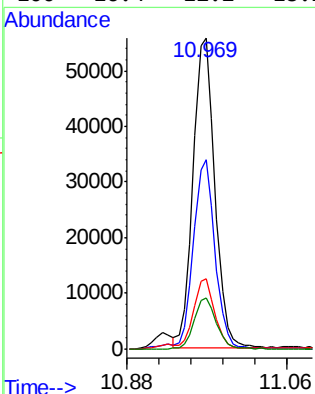
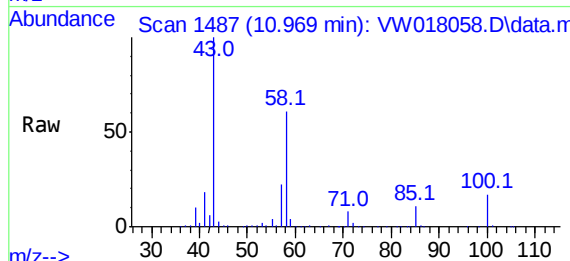




#49
2-Hexanone
Concen: 52.53 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

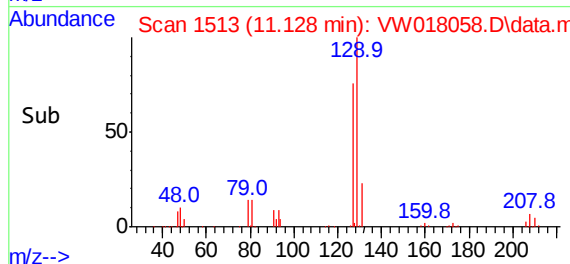
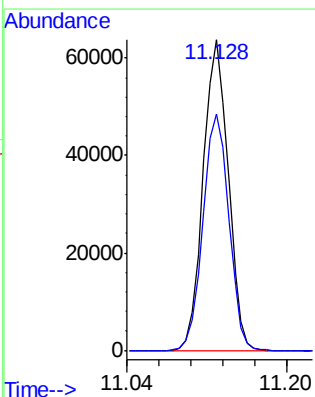
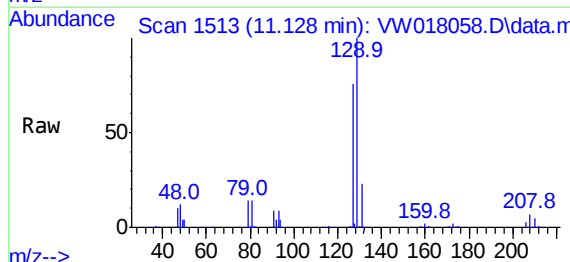
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

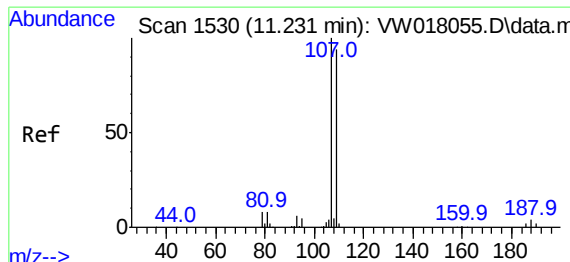
Tgt Ion: 43 Resp: 94808
Ion Ratio Lower Upper
43 100
58 59.2 51.3 76.9
57 21.5 15.0 22.6
100 16.4 12.2 18.2



#50
Dibromochloromethane
Concen: 25.45 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 129 Resp: 108721
Ion Ratio Lower Upper
129 100
127 76.1 53.2 98.8

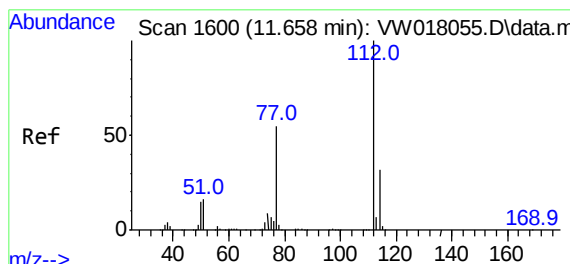
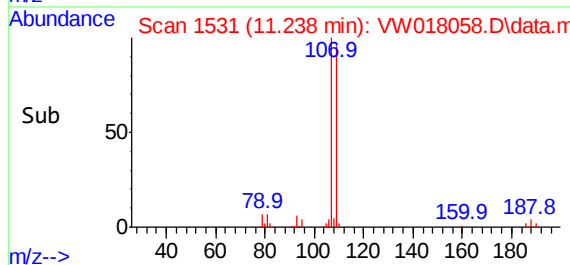
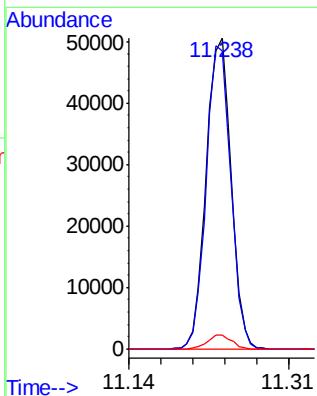
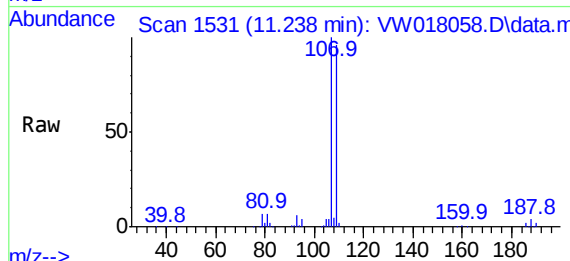




#51
1,2-Dibromoethane
Concen: 25.53 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

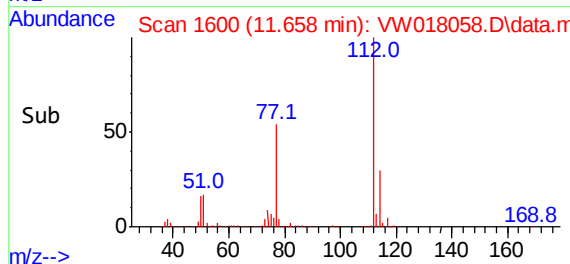
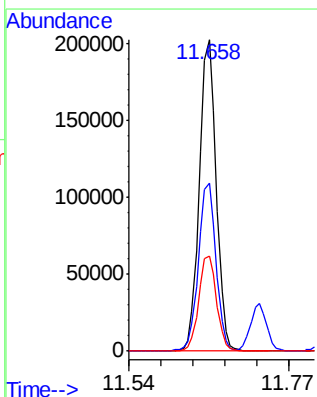
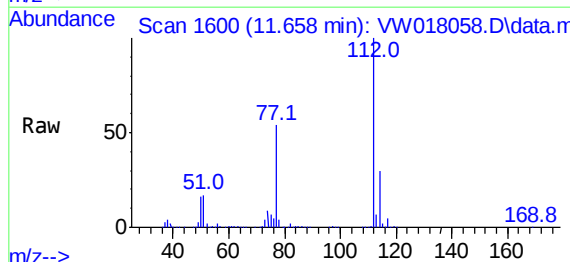
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

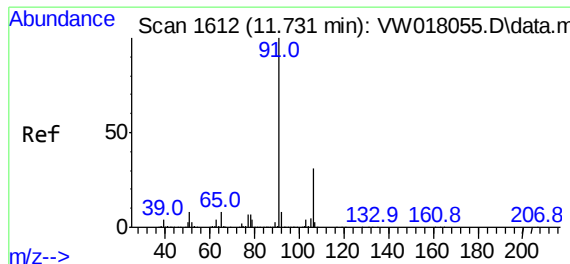
Tgt Ion:107 Resp: 90787
Ion Ratio Lower Upper
107 100
109 96.1 66.4 123.2
188 4.3 4.0 6.0



#52
Chlorobenzene
Concen: 25.60 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion:112 Resp: 337911
Ion Ratio Lower Upper
112 100
77 53.8 42.6 64.0
114 30.4 21.6 40.2

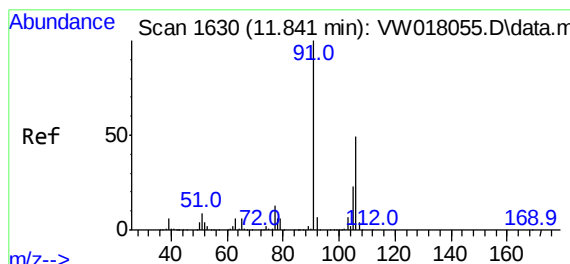
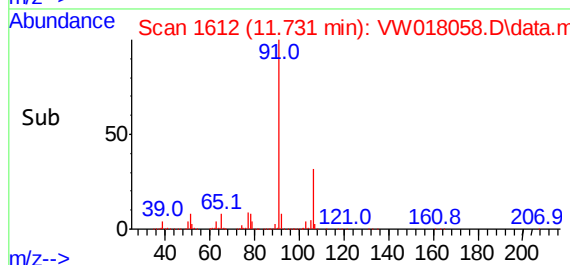
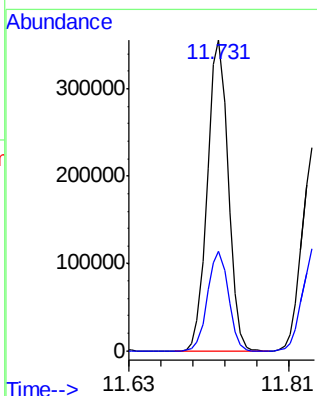
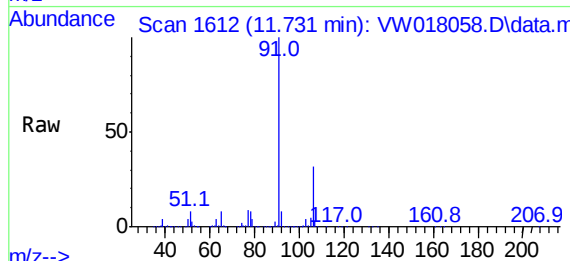




#53
Ethylbenzene
Concen: 25.31 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

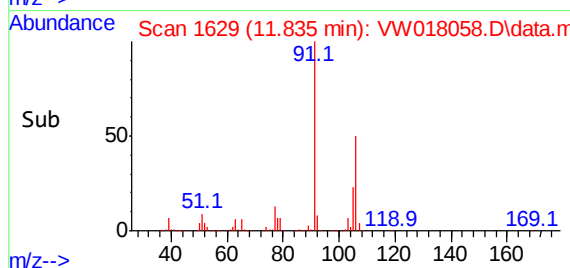
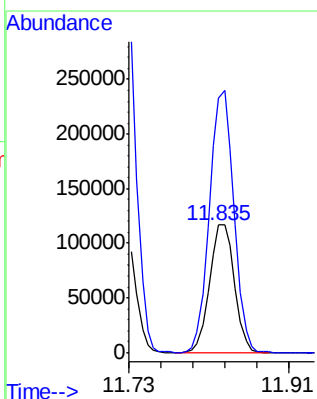
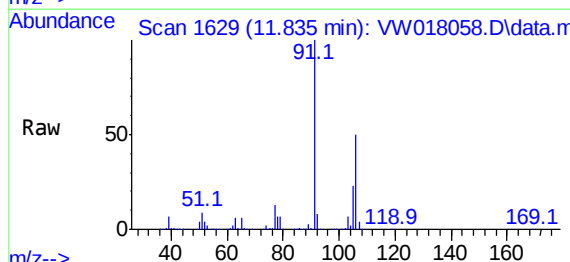
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

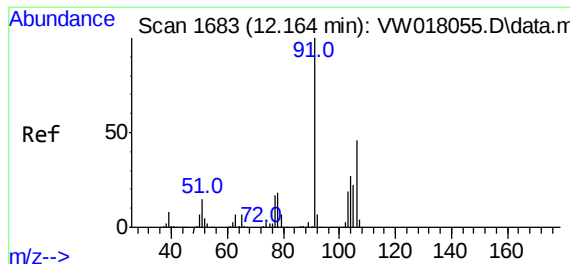
Tgt Ion: 91 Resp: 576169
Ion Ratio Lower Upper
91 100
106 32.1 21.1 39.1



#54
m,p-Xylene
Concen: 25.81 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 106 Resp: 224083
Ion Ratio Lower Upper
106 100
91 199.9 136.4 253.4

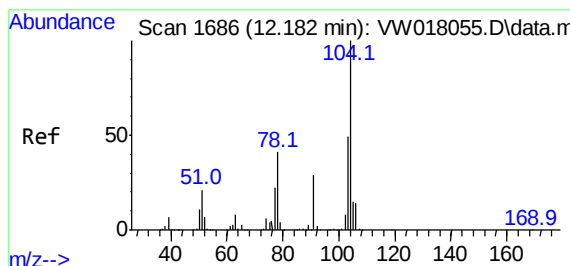
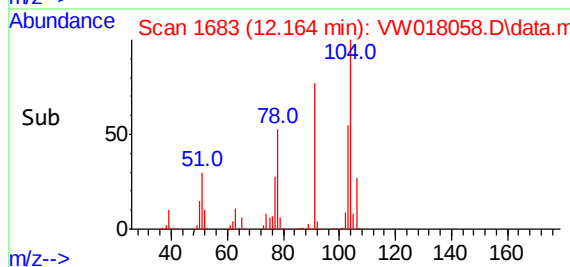
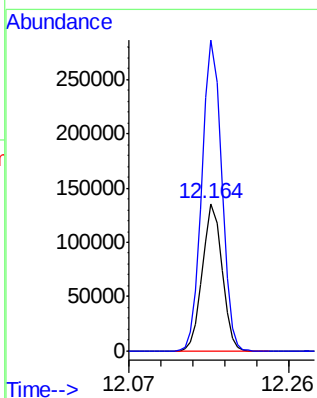
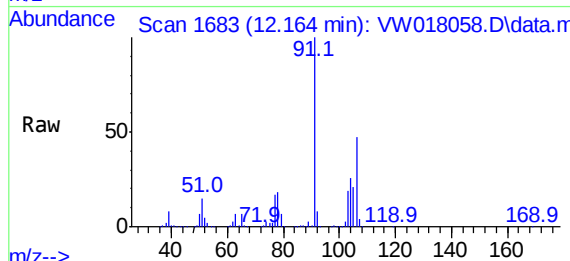




#55
o-xylene
Concen: 25.46 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

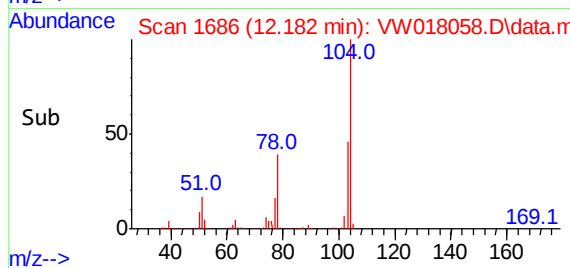
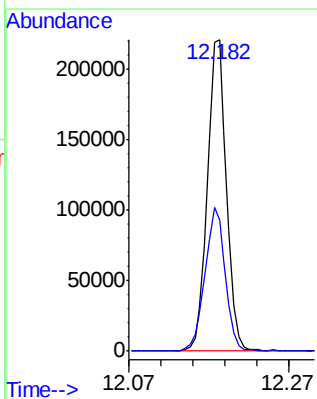
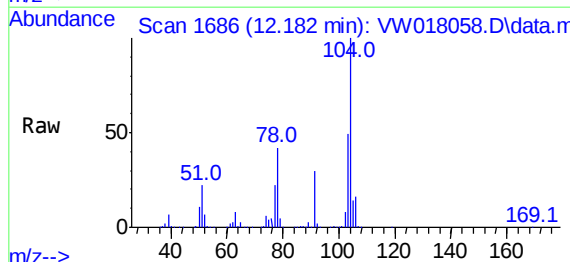
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

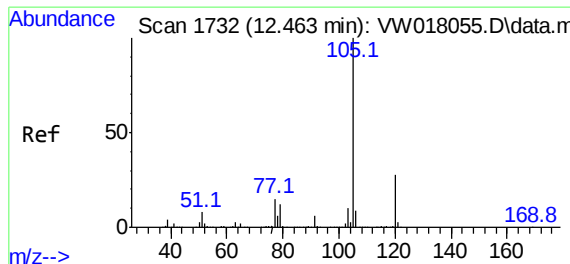
Tgt Ion:106 Resp: 209682
Ion Ratio Lower Upper
106 100
91 211.3 147.6 274.2



#56
Styrene
Concen: 25.93 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion:104 Resp: 363171
Ion Ratio Lower Upper
104 100
78 41.9 31.3 58.1

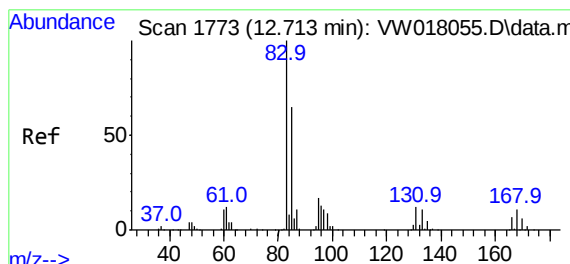
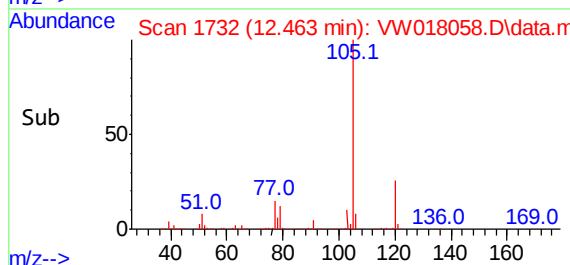
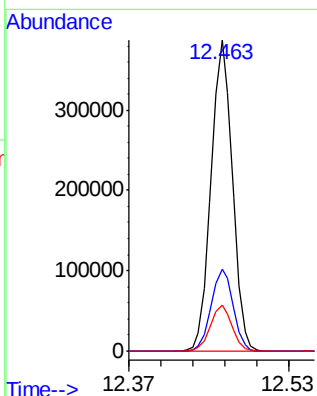
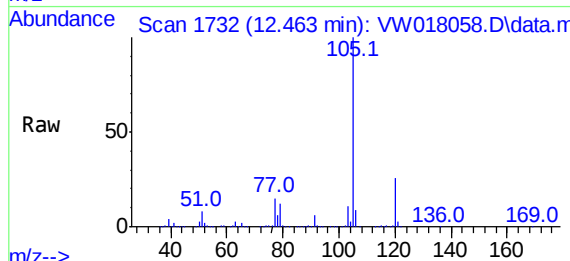




#57
Isopropylbenzene
Concen: 25.86 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

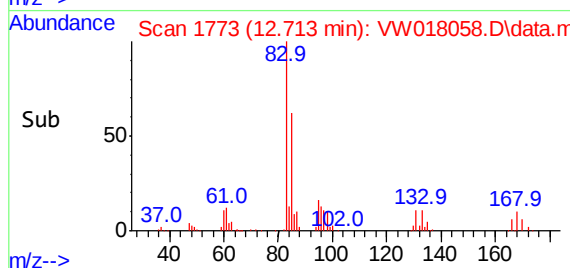
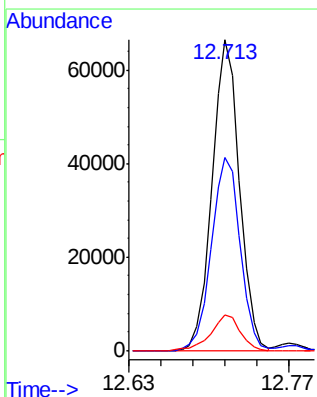
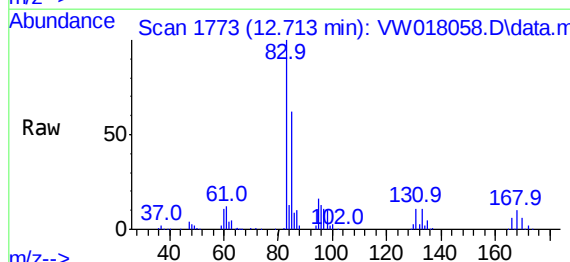
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

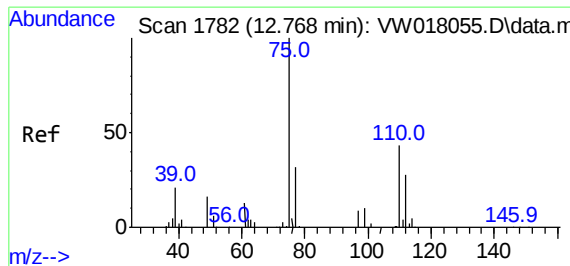
Tgt Ion:105 Resp: 593009
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 25.60 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 83 Resp: 108001
Ion Ratio Lower Upper
83 100
85 62.2 45.3 84.1
131 11.4 8.3 12.5

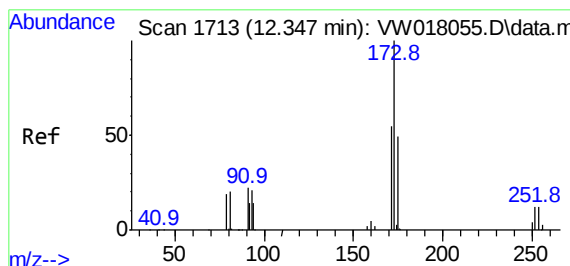
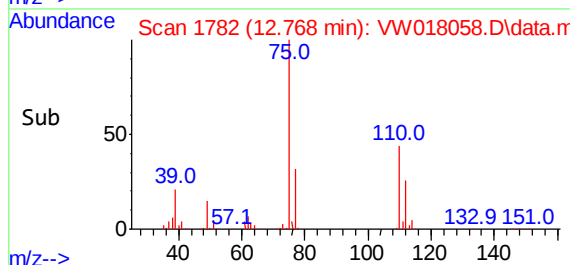
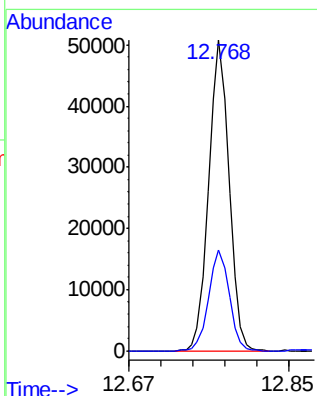
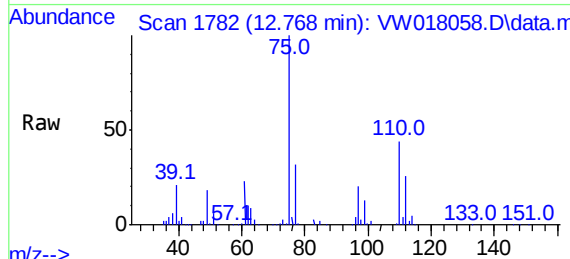




#59
1,2,3-Trichloropropane
Concen: 25.11 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

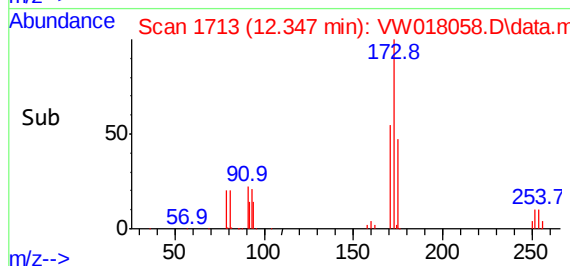
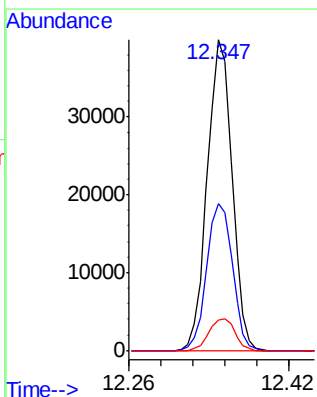
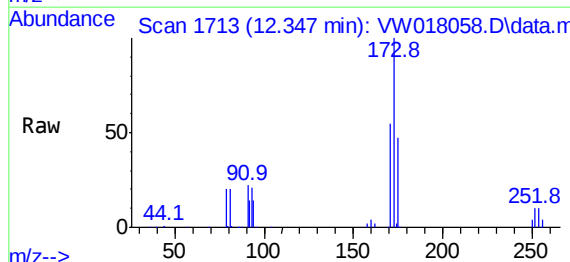
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

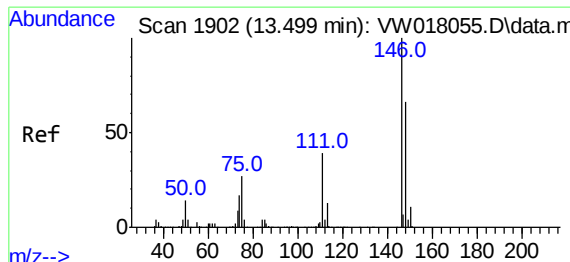
Tgt Ion: 75 Resp: 80235
Ion Ratio Lower Upper
75 100
77 33.1 26.6 39.8



#62
Bromoform
Concen: 26.39 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 173 Resp: 67384
Ion Ratio Lower Upper
173 100
175 49.1 39.1 58.7
254 10.5 7.1 10.7

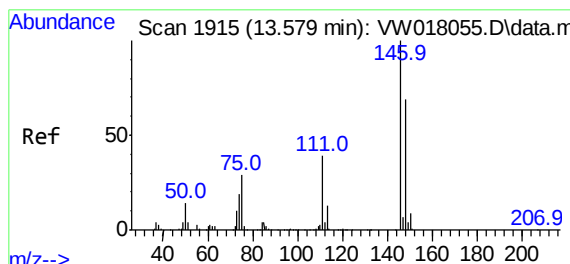
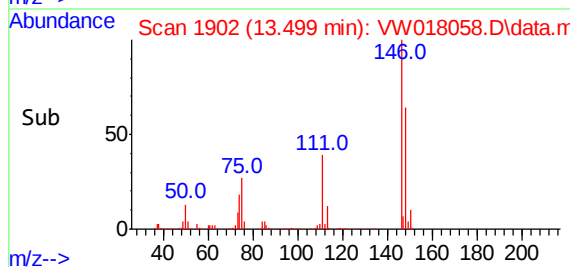
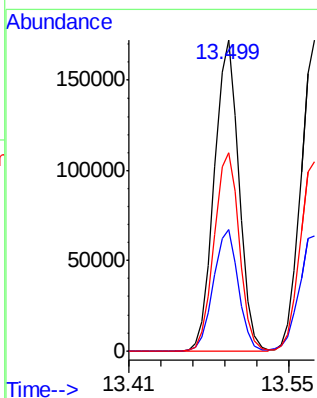
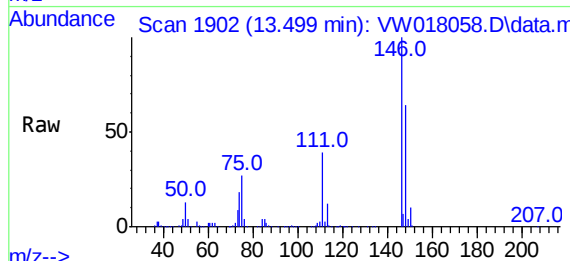




#63
1,3-Dichlorobenzene
Concen: 25.56 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

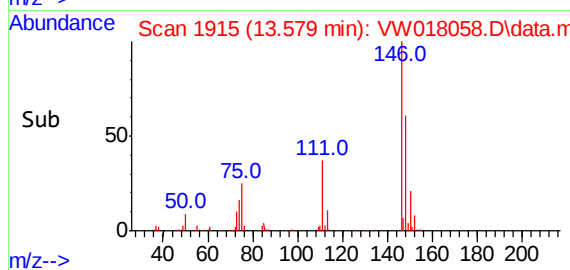
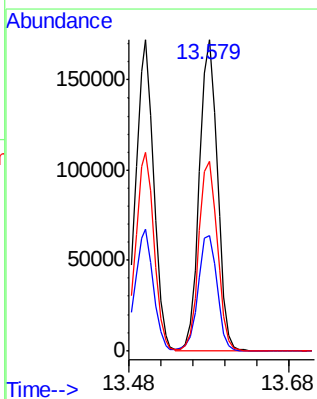
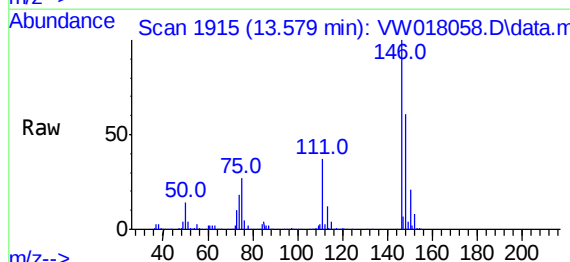
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

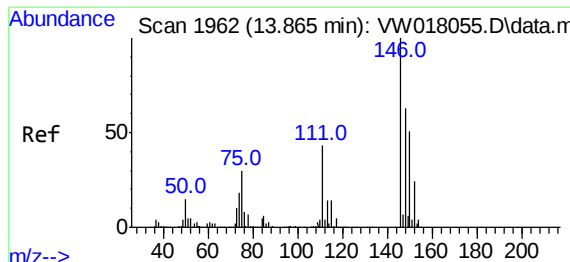
Tgt Ion:146 Resp: 269978
Ion Ratio Lower Upper
146 100
111 39.0 28.5 52.9
148 64.0 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.31 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion:146 Resp: 268802
Ion Ratio Lower Upper
146 100
111 37.1 27.7 51.5
148 60.8 47.0 87.2

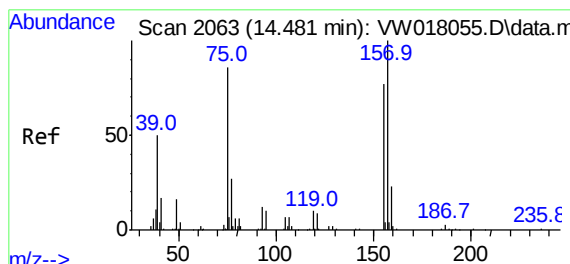
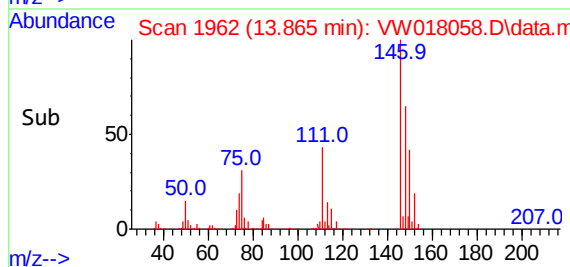
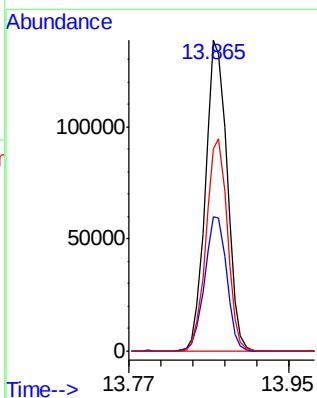
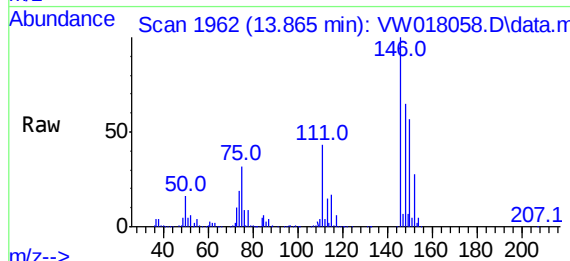




#65
1,2-Dichlorobenzene
Concen: 24.41 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

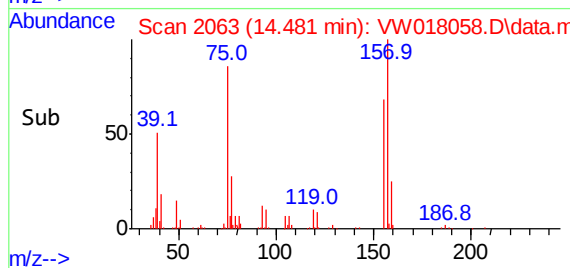
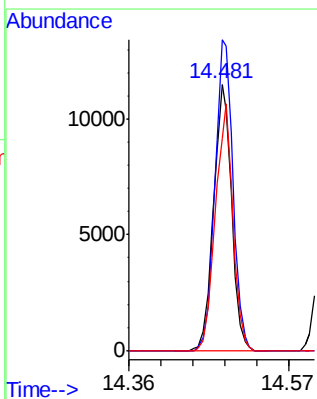
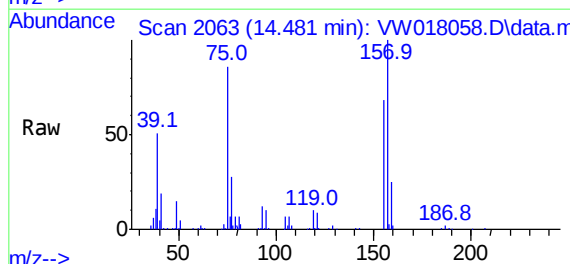
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

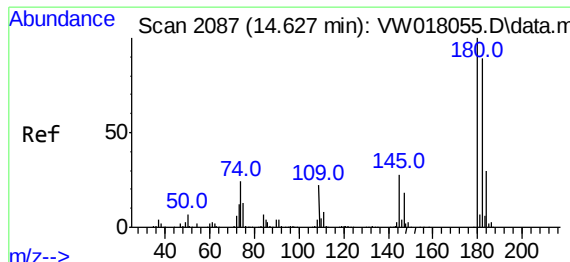
Tgt Ion:146 Resp: 232533
Ion Ratio Lower Upper
146 100
111 43.2 31.7 47.5
148 64.8 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 26.01 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion: 75 Resp: 18763
Ion Ratio Lower Upper
75 100
157 116.7 99.9 149.9
155 79.8 71.4 107.0

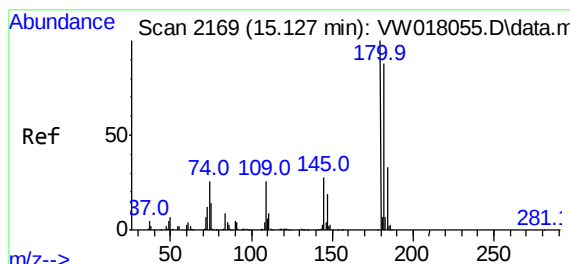
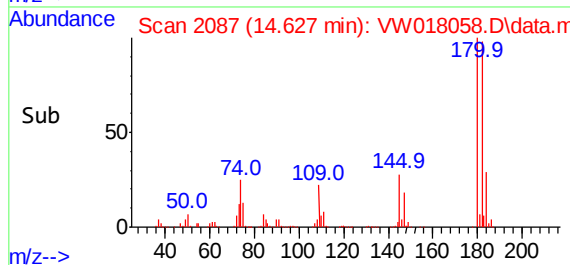
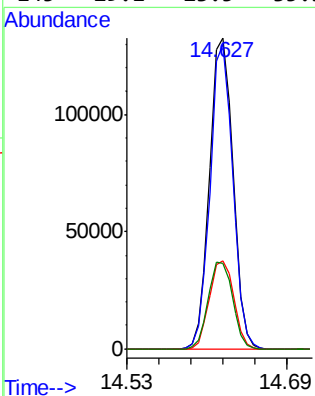
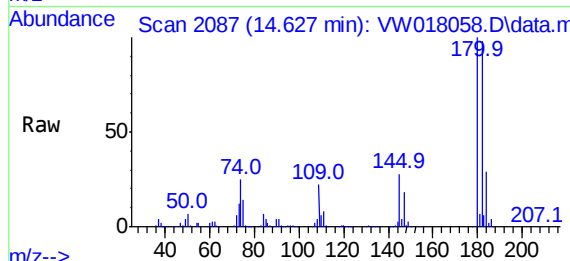




#67
1,3,5-Trichlorobenzene
Concen: 26.06 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

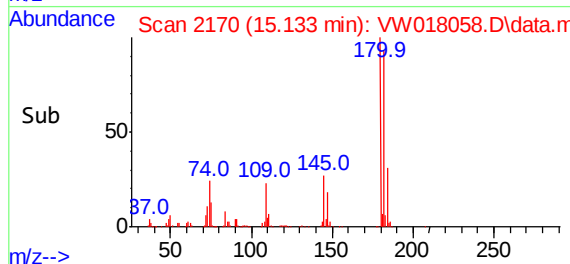
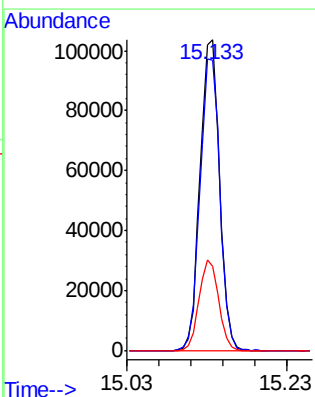
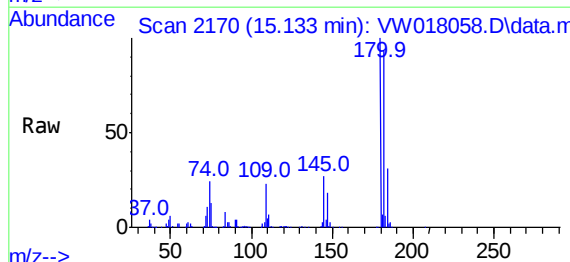
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

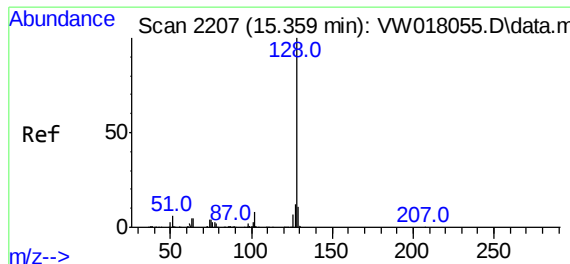
Tgt Ion:180 Resp: 211418
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.6
184 29.6 24.2 36.4
145 29.1 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 25.74 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion:180 Resp: 174137
Ion Ratio Lower Upper
180 100
182 95.8 71.3 106.9
145 29.3 24.0 36.0

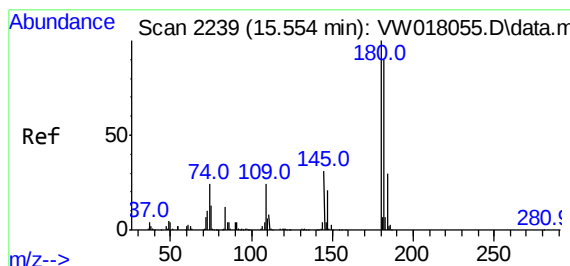
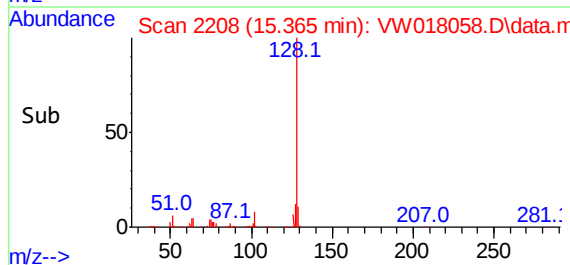
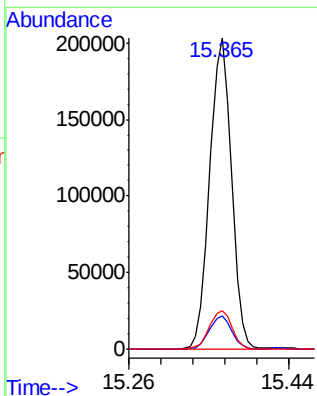
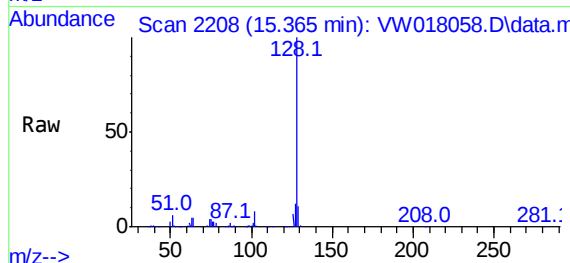




#69
Naphthalene
Concen: 26.75 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion:128 Resp: 352087
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.6 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.83 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018058.D
Acq: 09 Feb 2021 12:03

Tgt Ion:180 Resp: 155733
Ion Ratio Lower Upper
180 100
182 92.3 74.7 112.1
145 31.4 25.4 38.0

