

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018896.D
 Acq On : 03 May 2021 14:09
 Operator : SY/VA
 Sample : M2232-10RE
 Misc : 4.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:16:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

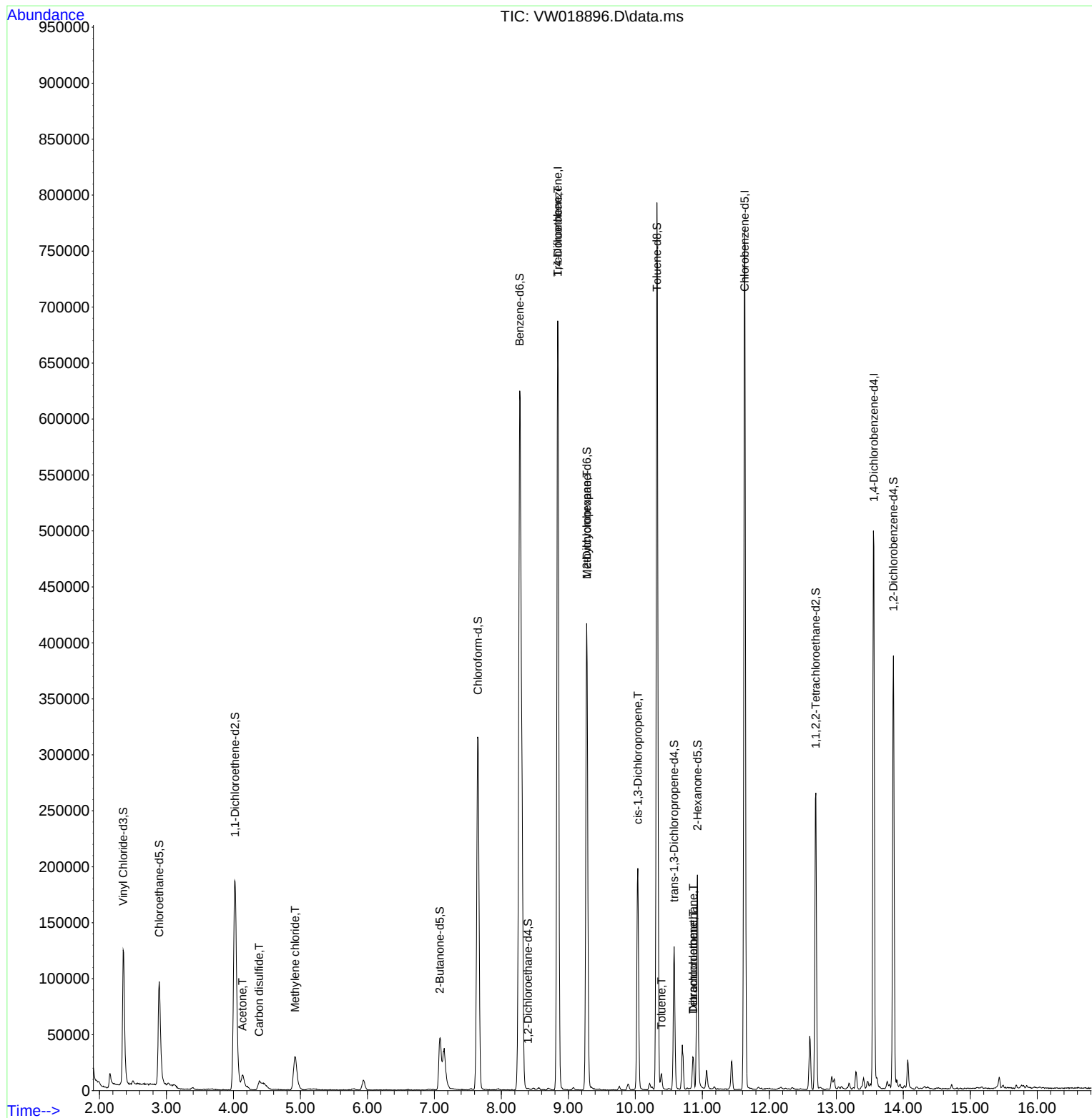
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	565139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	421382	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	128971	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	156318	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
7) Chloroethane-d5	2.891	69	124311	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
11) 1,1-Dichloroethene-d2	4.025	63	222077	15.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.72%
21) 2-Butanone-d5	7.080	46	79629	42.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.34%
24) Chloroform-d	7.653	84	321713	21.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	8.396	65	185	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
32) Benzene-d6	8.275	84	634088	26.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.52%
36) 1,2-Dichloropropane-d6	9.274	67	192140	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.80%
41) Toluene-d8	10.323	98	518098	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.32%
43) trans-1,3-Dichloroprop...	10.579	79	69733	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
47) 2-Hexanone-d5	10.926	63	65484	51.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.56%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	132663	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.68%
66) 1,2-Dichlorobenzene-d4	13.853	152	94564	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%
Target Compounds						Qvalue
13) Acetone	4.135	43	22870	15.81	ug/L	89
14) Carbon disulfide	4.385	76	17945	0.83	ug/L	96
16) Methylene chloride	4.921	84	27666	2.96	ug/L	88
34) Trichloroethene	8.841	95	17700	2.63	ug/L #	5
35) Methylcyclohexane	9.274	83	47455	4.01	ug/L #	20
39) cis-1,3-Dichloropropene	10.036	75	5156	0.53	ug/L #	63
42) Toluene	10.390	91	9229	0.33	ug/L	99
46) Tetrachloroethene	10.866	164	6056	1.20	ug/L	94
49) Dibromochloromethane	10.866	129	5449	1.04	ug/L #	13

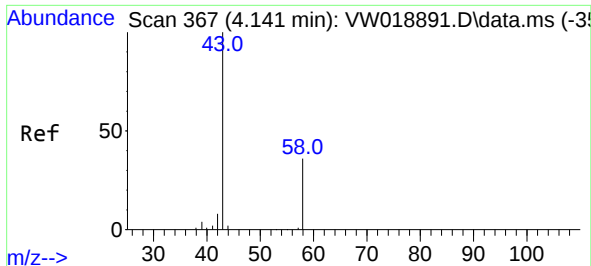
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 04 01:16:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 04 01:15:32 2021
Response via : Initial Calibration

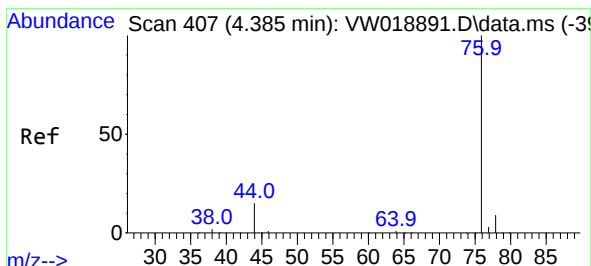
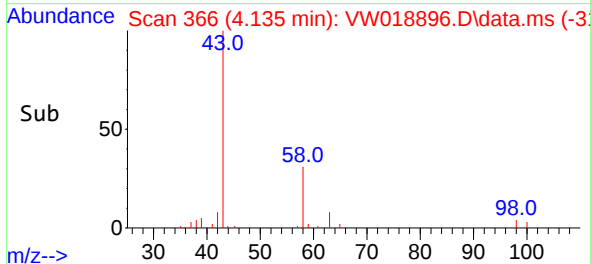
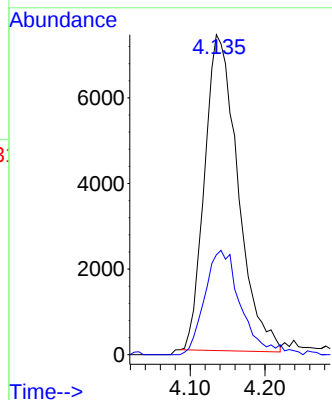
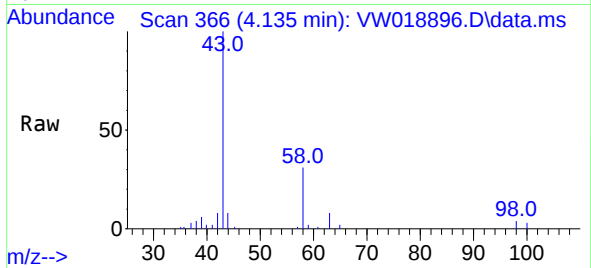




#13
Acetone
Concen: 15.81 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

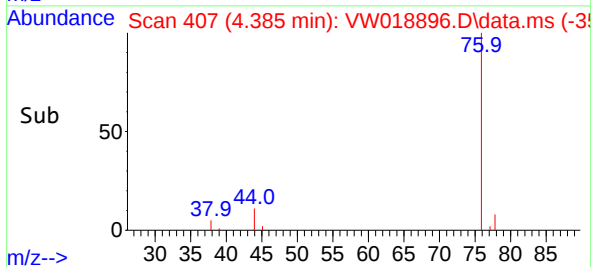
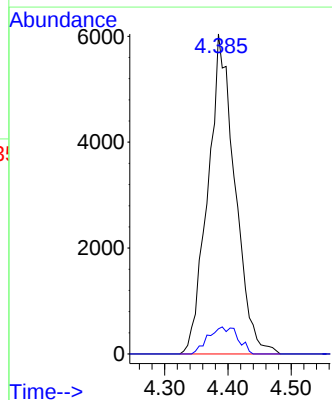
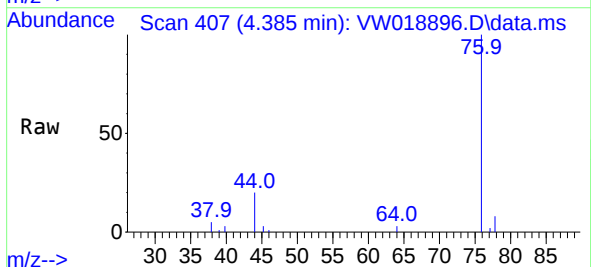
Instrument :
MSVOA_W
ClientSampled :

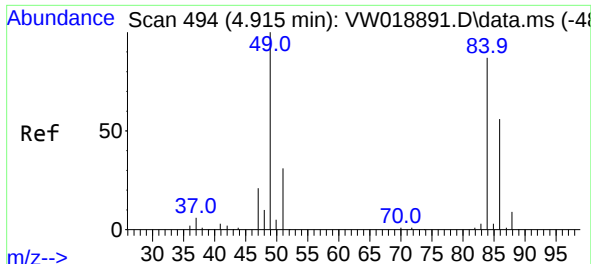
Tgt Ion: 43 Resp: 22870
Ion Ratio Lower Upper
43 100
58 21.3 0.0 53.8



#14
Carbon disulfide
Concen: 0.83 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

Tgt Ion: 76 Resp: 17945
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

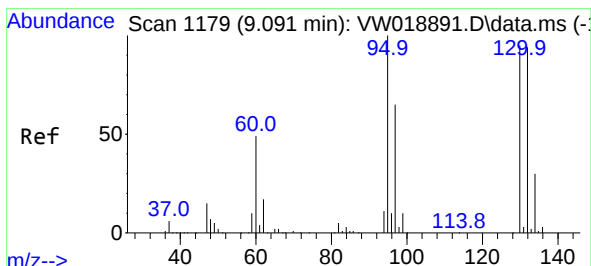
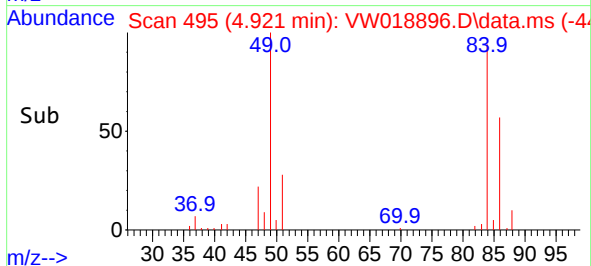
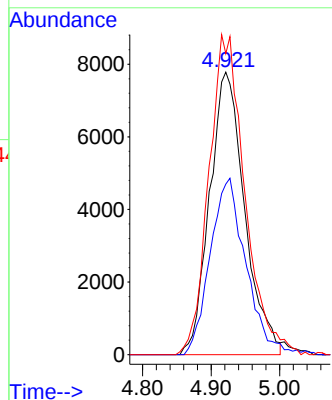
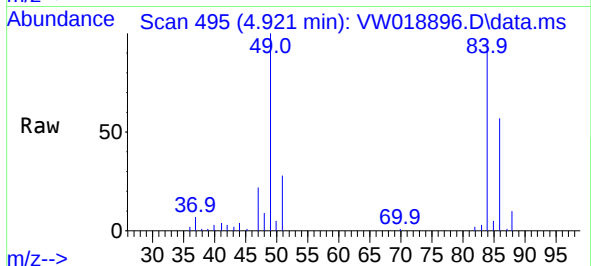




#16
Methylene chloride
Concen: 2.96 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

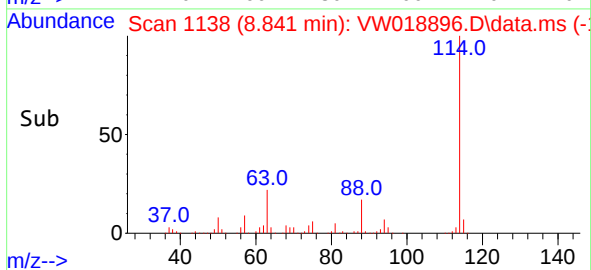
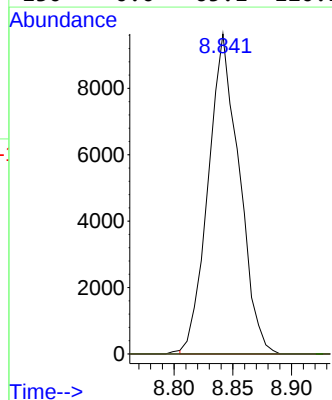
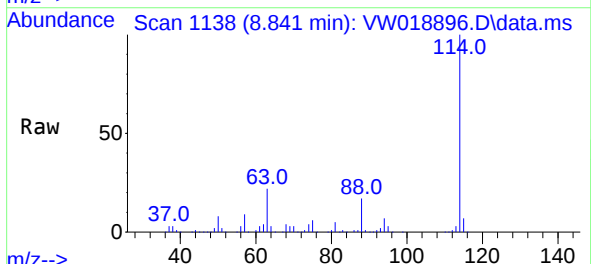
Instrument :
MSVOA_W
ClientSampled :

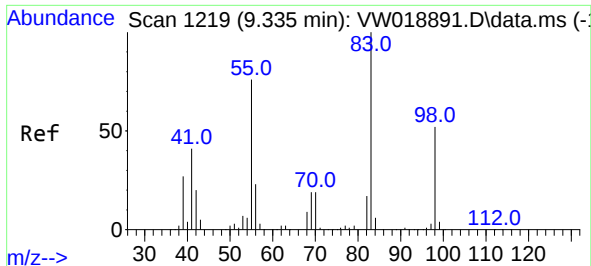
Tgt Ion: 84 Resp: 27666
Ion Ratio Lower Upper
84 100
86 60.4 45.3 84.1
49 106.5 86.6 160.8



#34
Trichloroethene
Concen: 2.63 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

Tgt Ion: 95 Resp: 17700
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

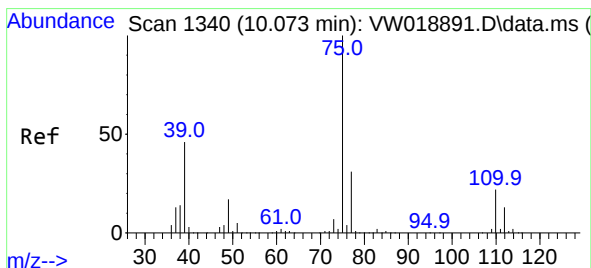
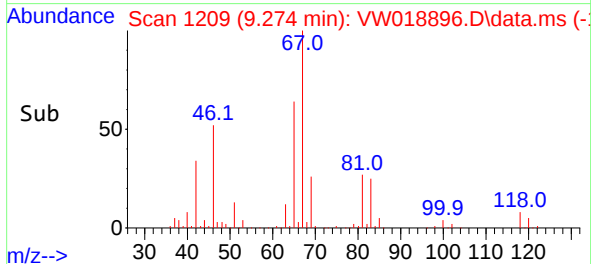
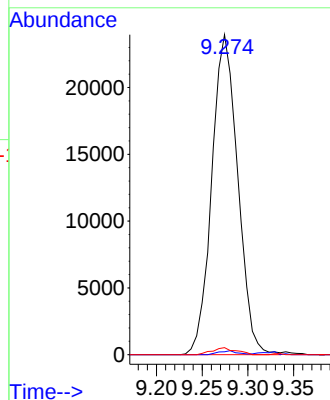
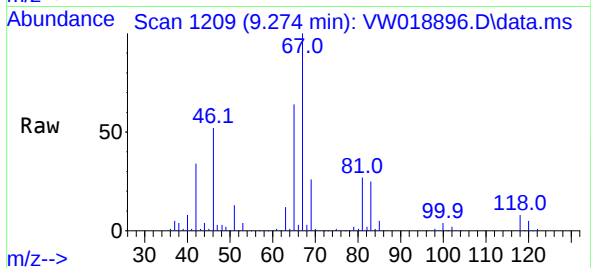




#35
Methylcyclohexane
Concen: 4.01 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

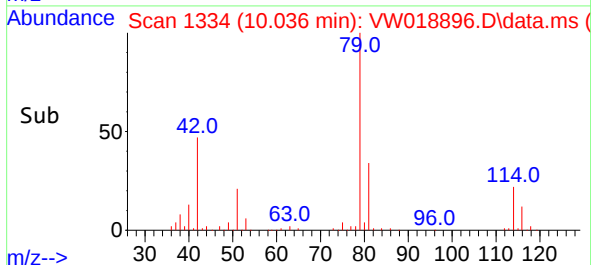
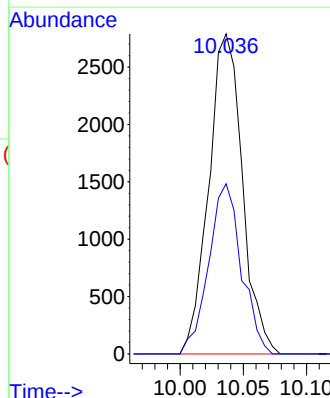
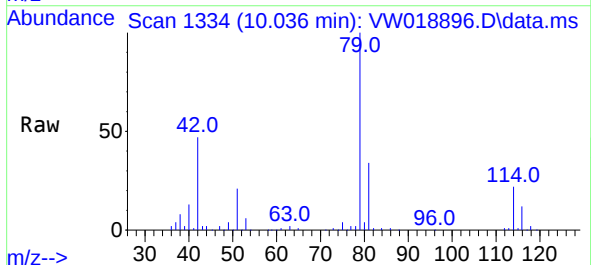
Instrument :
MSVOA_W
ClientSampled :

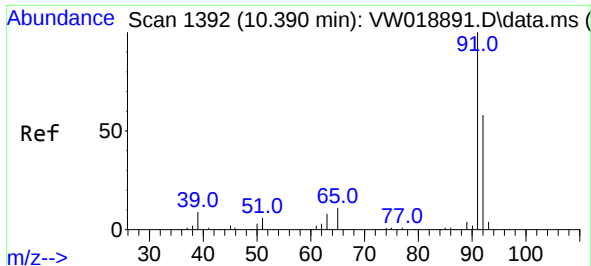
Tgt Ion: 83 Resp: 47455
Ion Ratio Lower Upper
83 100
55 0.9 58.9 88.3#
98 2.0 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.53 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

Tgt Ion: 75 Resp: 5156
Ion Ratio Lower Upper
75 100
77 53.2 22.6 42.0#

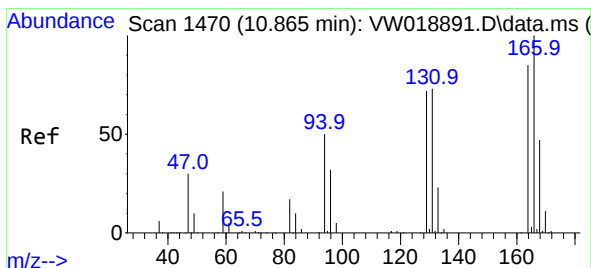
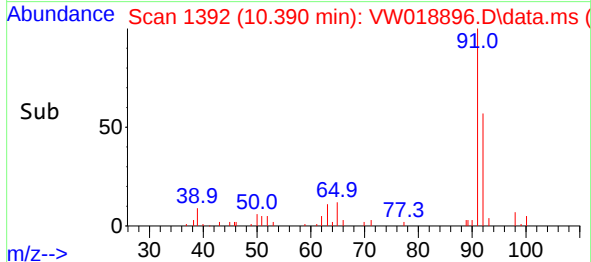
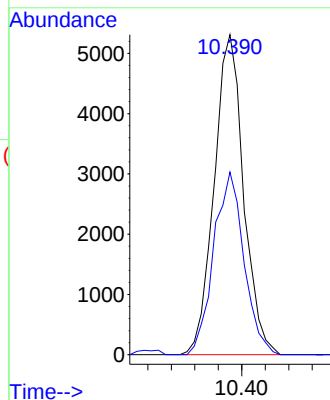
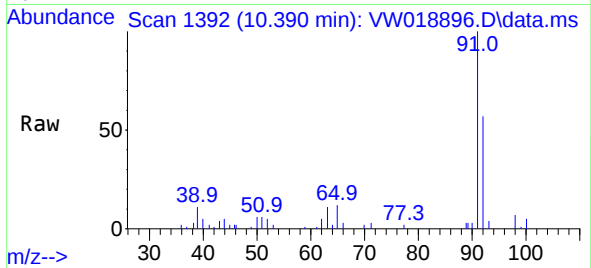




#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

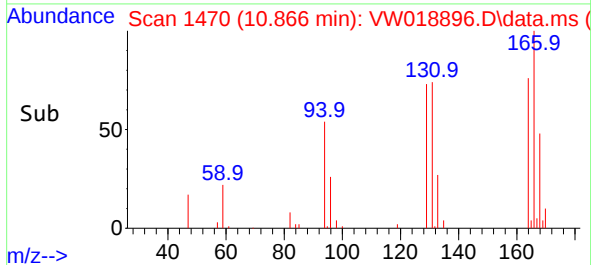
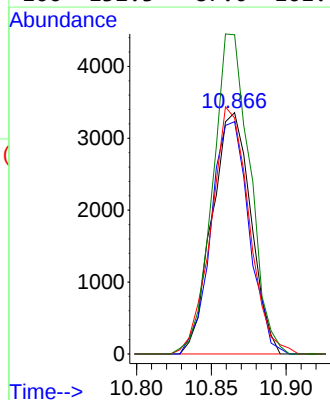
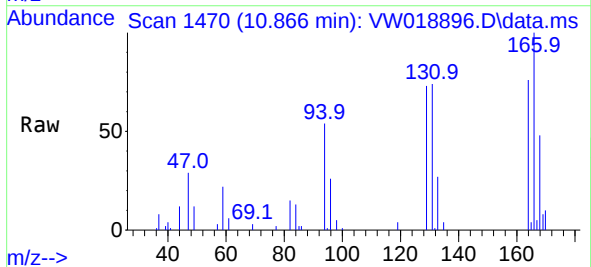
Instrument :
MSVOA_W
ClientSampled :

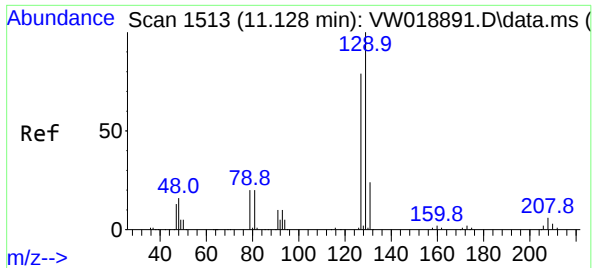
Tgt Ion: 91 Resp: 9229
Ion Ratio Lower Upper
91 100
92 57.1 39.5 73.3



#46
Tetrachloroethene
Concen: 1.20 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

Tgt Ion:164 Resp: 6056
Ion Ratio Lower Upper
164 100
129 96.3 66.7 123.9
131 97.8 61.1 113.5
166 132.3 87.0 161.6





#49
Dibromochloromethane
Concen: 1.04 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW018896.D
Acq: 03 May 2021 14:09

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:129 Resp: 5449
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#

