

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018090.D
 Acq On : 11 Feb 2021 17:13
 Operator : SY/VA
 Sample : M1371-04RE
 Misc : 6.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16RE

Quant Time: Feb 12 02:42:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

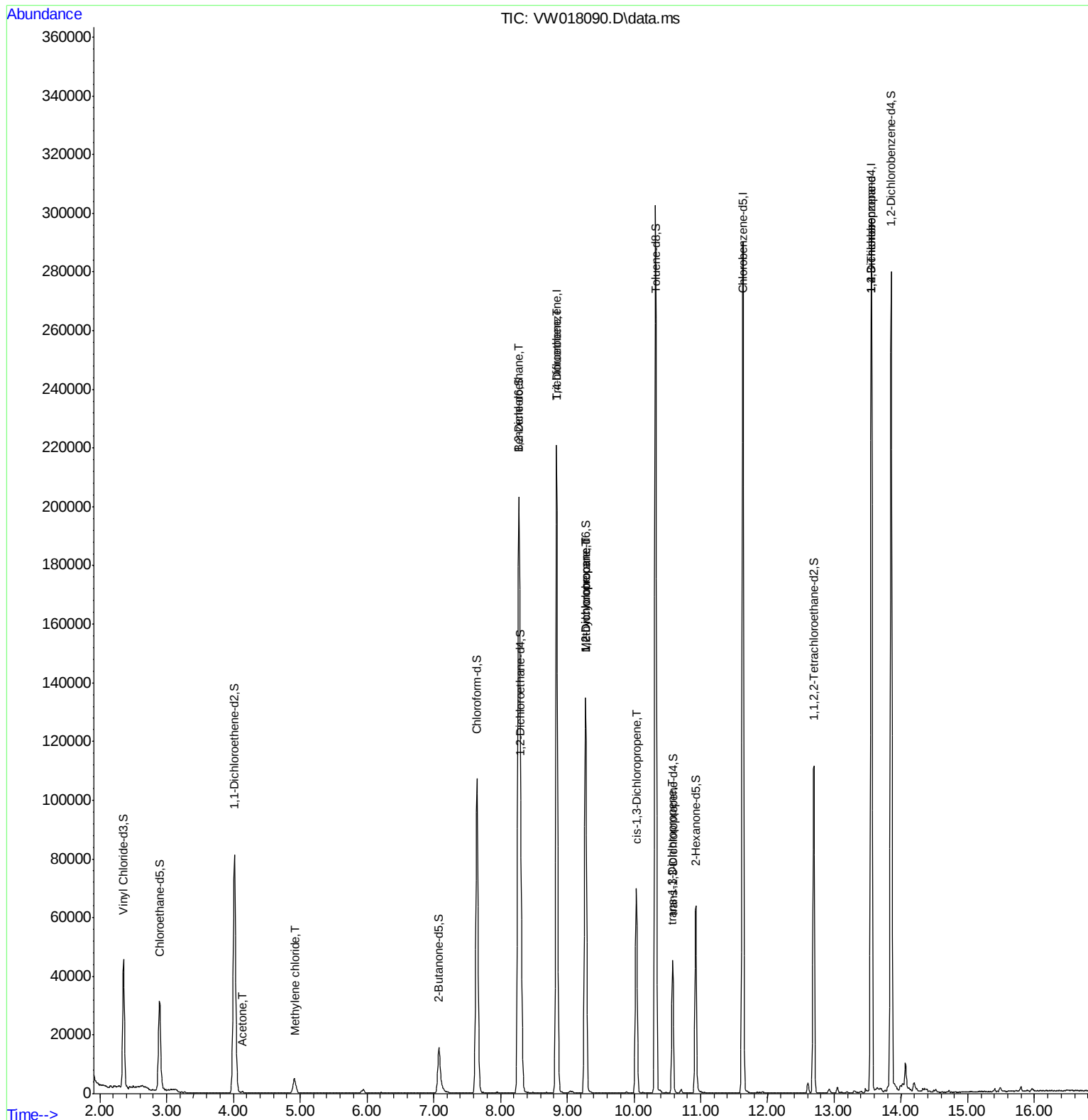
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	196583	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	177127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	85011	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	46145	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.56%
7) Chloroethane-d5	2.892	69	40344	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.24%
10) 1,1-Dichloroethene-d2	4.013	63	76994	15.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.04%
20) 2-Butanone-d5	7.080	46	27141	41.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.26%
24) Chloroform-d	7.647	84	113346	21.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	8.305	65	61055	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.275	84	220712	22.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.76%
33) 1,2-Dichloropropane-d6	9.275	67	64237	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.323	98	205947	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.04%
38) trans-1,3-Dichloroprop...	10.579	79	26479	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.88%
39) 2-Hexanone-d5	10.921	63	22701	43.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.30%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	56281	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.20%
61) 1,2-Dichlorobenzene-d4	13.853	152	75772	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%
Target Compounds						
13) Acetone	4.135	43	960	1.99	ug/L	81
16) Methylene chloride	4.922	84	4099	1.30	ug/L #	66
27) 1,2-Dichloroethane	8.275	62	1234	0.38	ug/L #	73
35) Trichloroethene	8.842	95	5672	1.94	ug/L #	3
36) Methylcyclohexane	9.275	83	16529	3.37	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	7322	3.08	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	1864	0.49	ug/L #	52
45) trans-1,3-Dichloropropene	10.573	75	1077	0.32	ug/L	88
59) 1,2,3-Trichloropropane	13.554	75	8766	4.82	ug/L	98

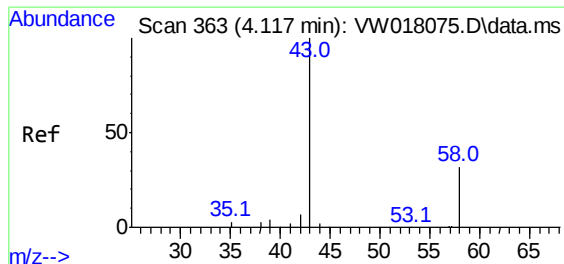
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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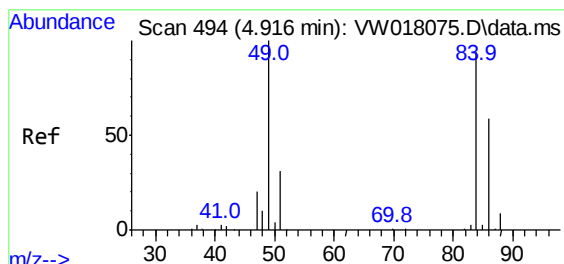
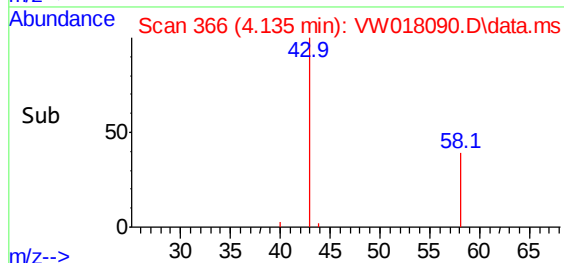
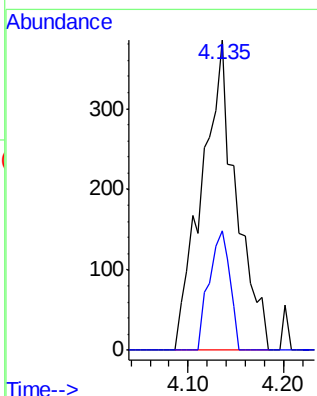
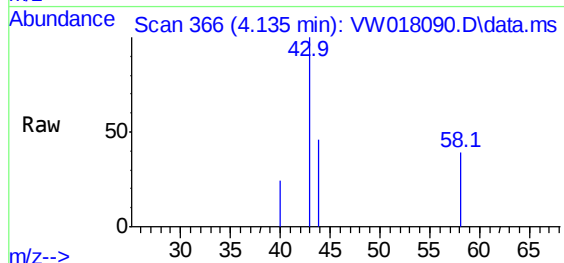




#13
Acetone
Concen: 1.99 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

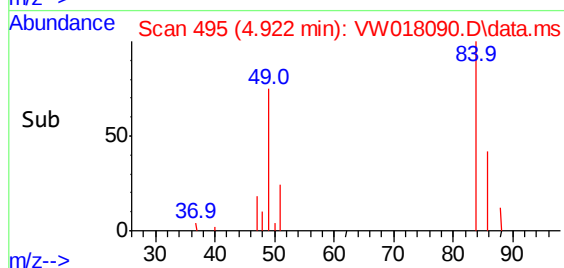
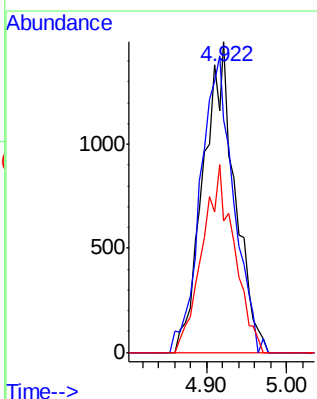
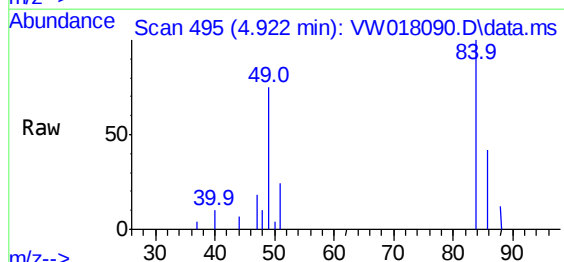
Instrument :
MSVOA_W
ClientSampleId :
DBH16RE

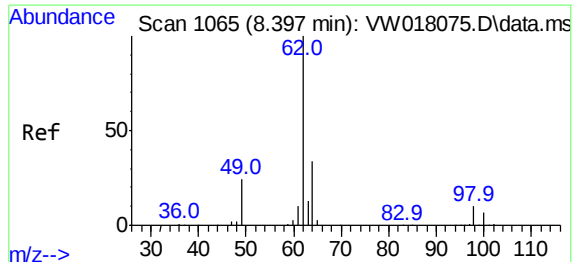
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 23.0 0.0 68.4



#16
Methylene chloride
Concen: 1.30 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

Tgt Ion: 84 Resp: 4099
Ion Ratio Lower Upper
84 100
49 74.8 81.2 150.8#
86 42.3 44.5 82.7#

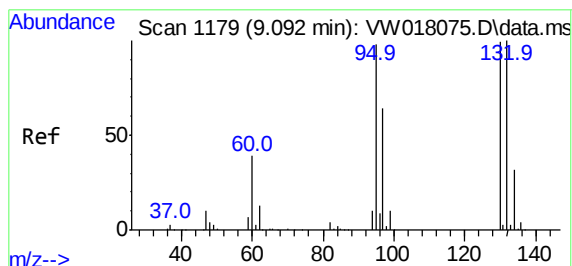
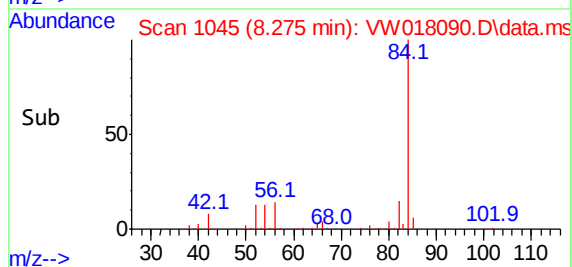
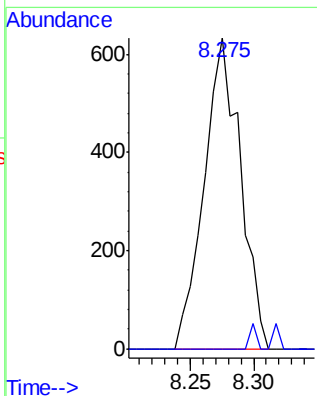
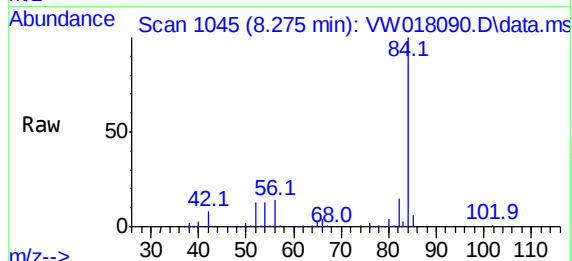




#27
1,2-Dichloroethane
Concen: 0.38 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

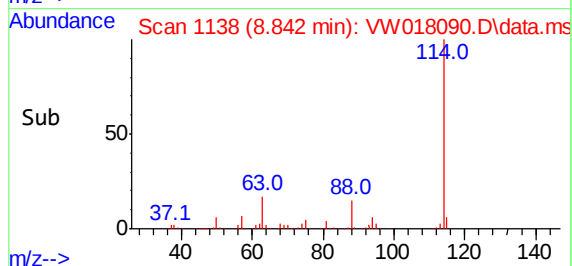
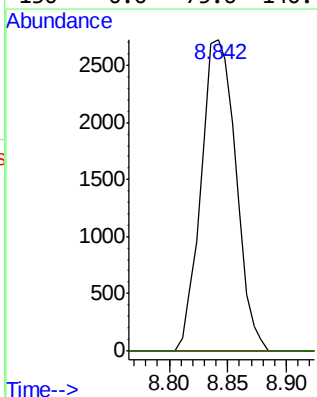
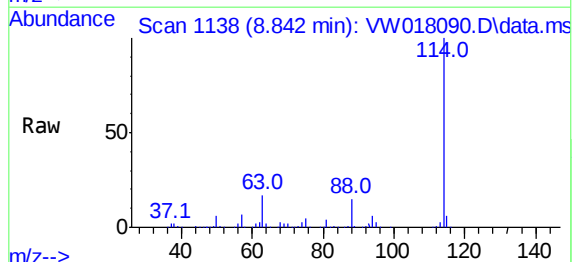
Instrument :
MSVOA_W
ClientSampled :
DBH16RE

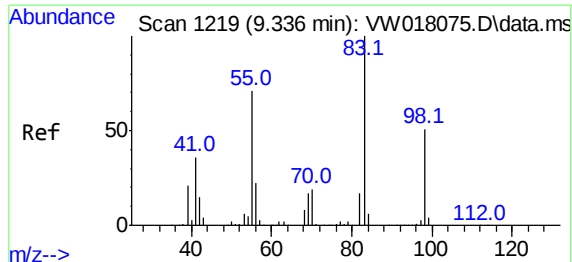
Tgt Ion: 62 Resp: 1234
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#35
Trichloroethene
Concen: 1.94 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

Tgt Ion: 95 Resp: 5672
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#

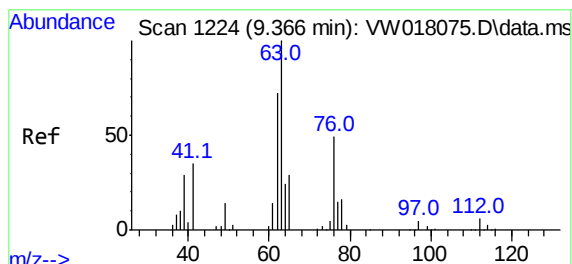
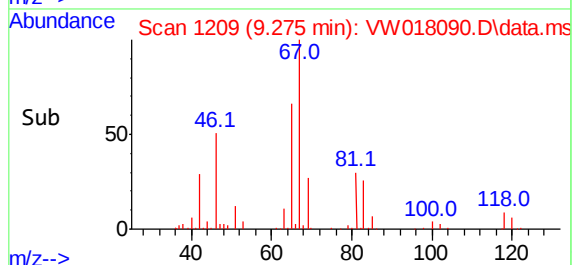
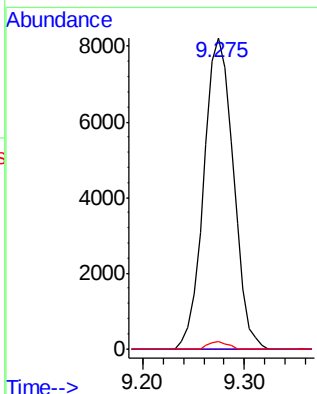
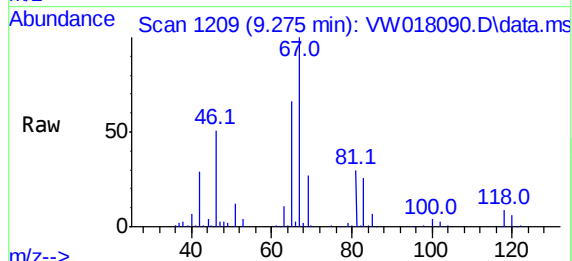




#36
Methylcyclohexane
Concen: 3.37 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

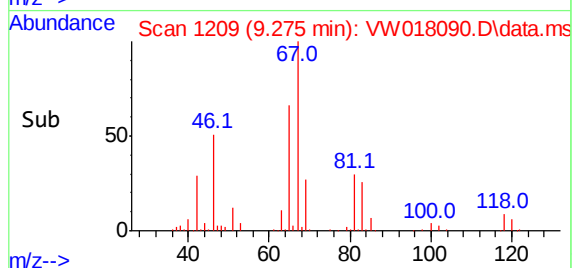
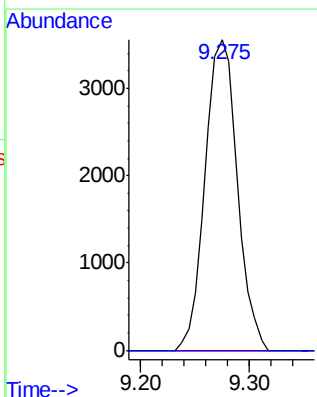
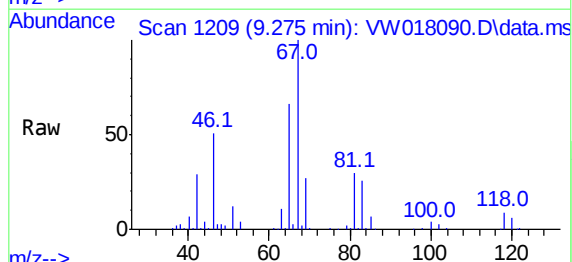
Instrument :
MSVOA_W
ClientSampled :
DBH16RE

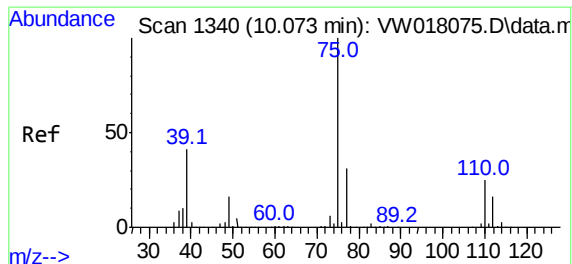
Tgt Ion: 83 Resp: 16529
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.4 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.08 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018090.D
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Tgt Ion: 63 Resp: 7322
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

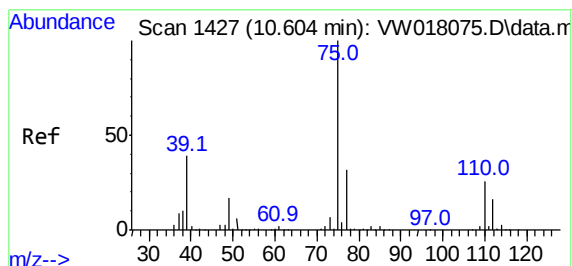
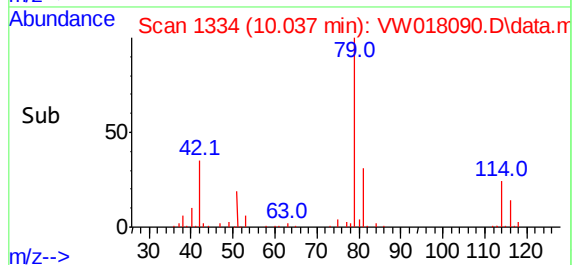
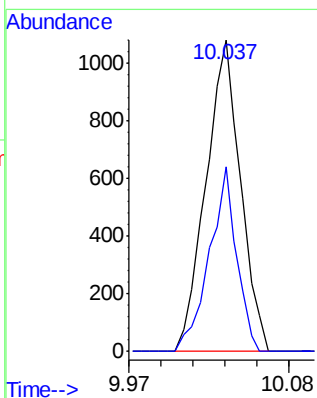
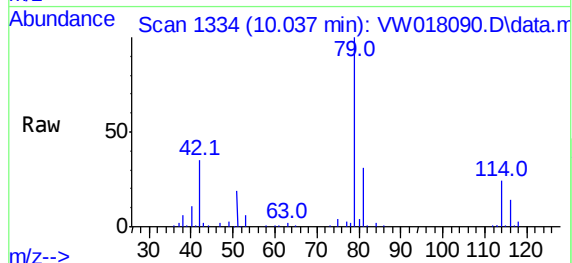




#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

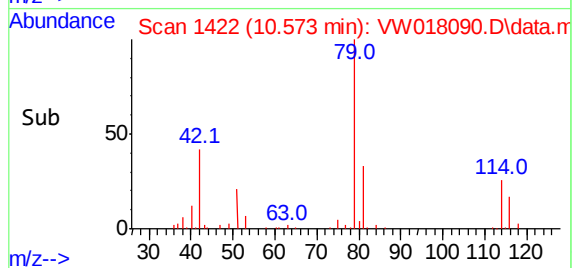
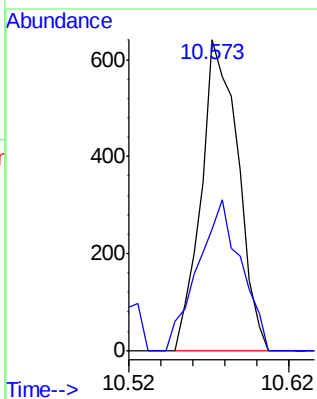
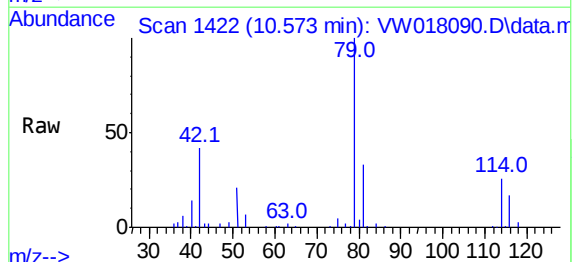
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MSVOA_W
ClientSampleID :
DBH16RE

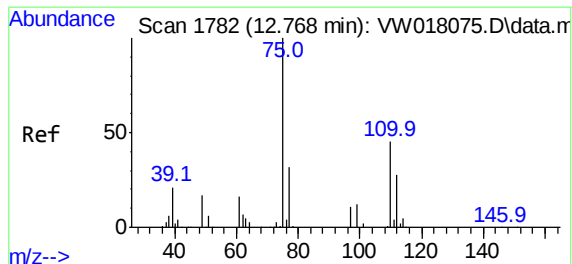
Tgt Ion: 75 Resp: 1864
Ion Ratio Lower Upper
75 100
77 59.3 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

Tgt Ion: 75 Resp: 1077
Ion Ratio Lower Upper
75 100
77 39.2 22.6 42.0





#59
1,2,3-Trichloropropane
Concen: 4.82 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018090.D
Acq: 11 Feb 2021 17:13

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 75 Resp: 8766
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8

