

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041521\
 Data File : VW018655.D
 Acq On : 15 Apr 2021 13:40
 Operator : SY/VA
 Sample : M2011-03
 Misc : 4.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 16 01:44:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:17:28 2021
 Response via : Initial Calibration

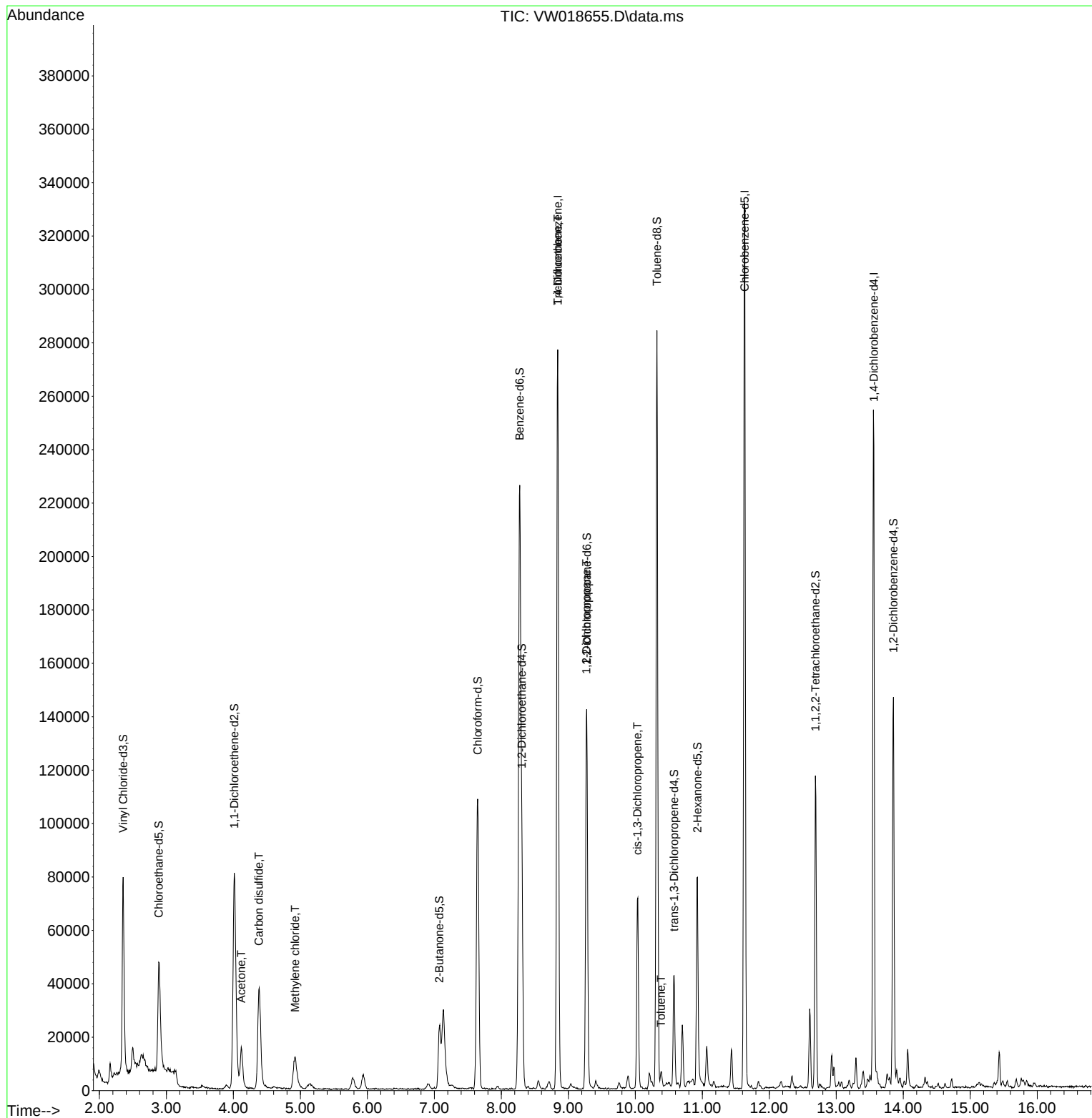
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	227648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	183888	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84955	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.885	69	61514	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
11) 1,1-Dichloroethene-d2	4.013	63	87959	14.64	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.56%
21) 2-Butanone-d5	7.074	46	40324	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
24) Chloroform-d	7.647	84	114044	18.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	8.305	65	67925	19.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.36%
32) Benzene-d6	8.275	84	229859	21.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.24%
36) 1,2-Dichloropropane-d6	9.275	67	67661	20.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.24%
41) Toluene-d8	10.323	98	187561	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.04%
43) trans-1,3-Dichloroprop...	10.579	79	23944	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.20%
47) 2-Hexanone-d5	10.927	63	28401	50.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.48%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	56987	20.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.96%
66) 1,2-Dichlorobenzene-d4	13.853	152	36948	17.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.76%#
Target Compounds						
13) Acetone	4.117	43	24872	43.51	ug/L	85
14) Carbon disulfide	4.379	76	53875	6.05	ug/L	100
16) Methylene chloride	4.922	84	11547	3.09	ug/L	96
34) Trichloroethene	8.842	95	7316	2.46	ug/L #	5
37) 1,2-Dichloropropane	9.268	63	7818	2.67	ug/L #	85
39) cis-1,3-Dichloropropene	10.031	75	1967	0.45	ug/L #	65
42) Toluene	10.384	91	4242	0.34	ug/L	95

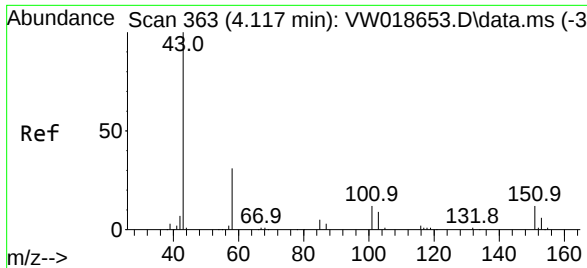
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Apr 15 11:17:28 2021
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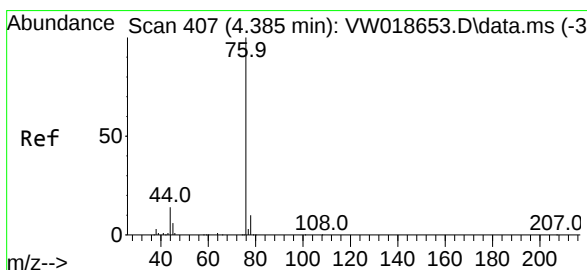
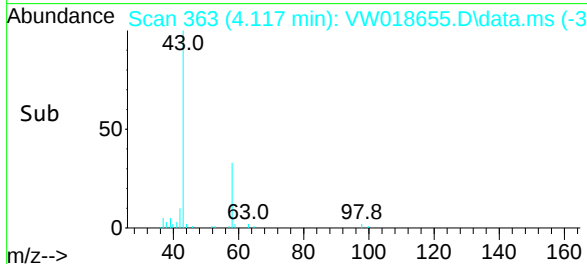
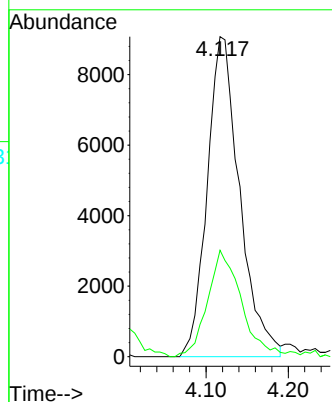
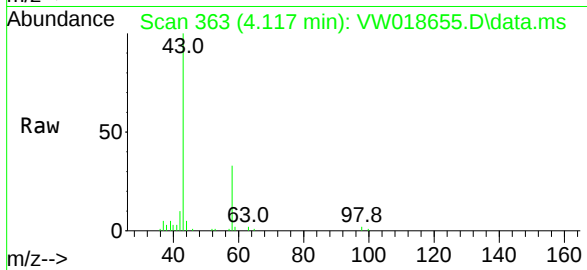




#13
Acetone
Concen: 43.51 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW018655.D
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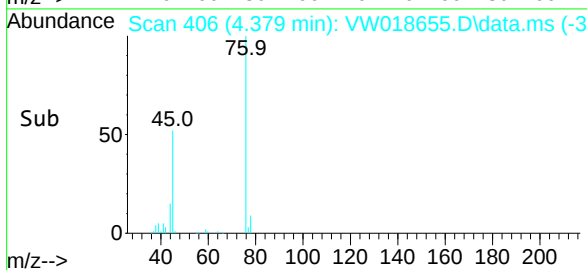
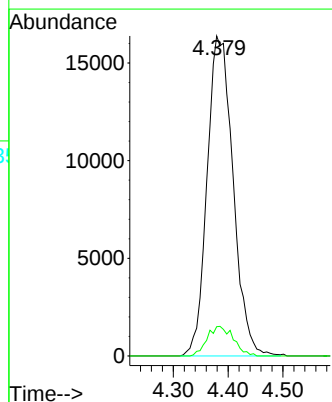
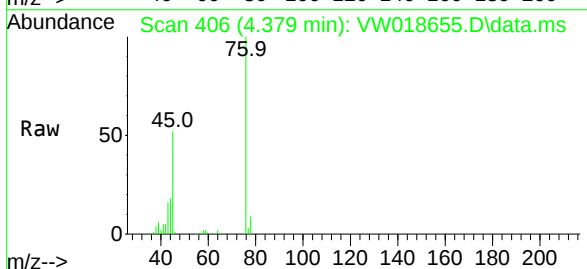
Instrument :
MSVOA_W
ClientSampled :

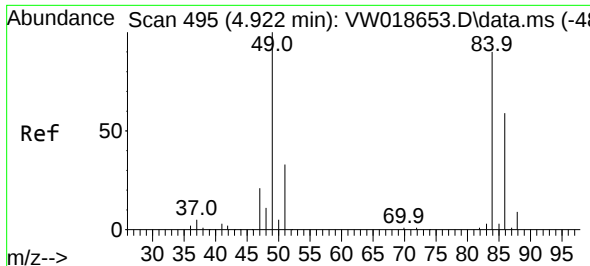
Tgt Ion: 43 Resp: 24872
Ion Ratio Lower Upper
43 100
58 34.4 0.0 53.8



#14
Carbon disulfide
Concen: 6.05 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

Tgt Ion: 76 Resp: 53875
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

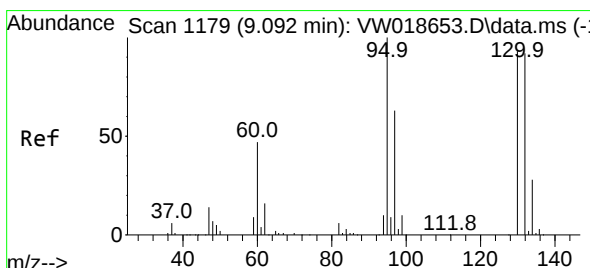
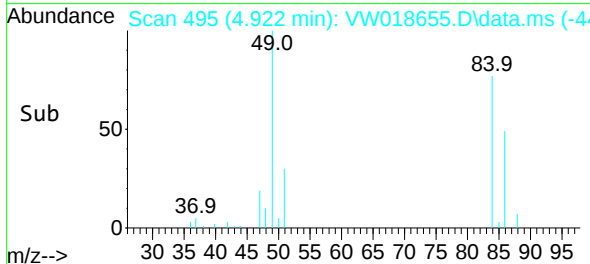
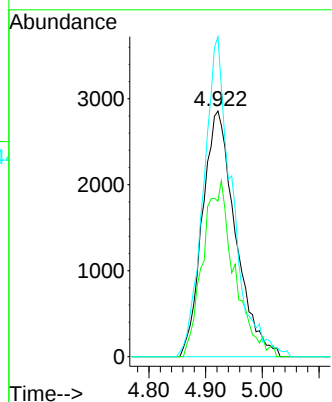
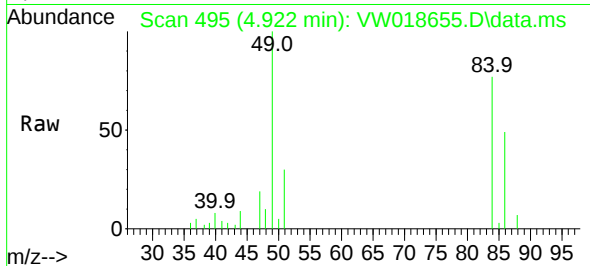




#16
Methylene chloride
Concen: 3.09 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

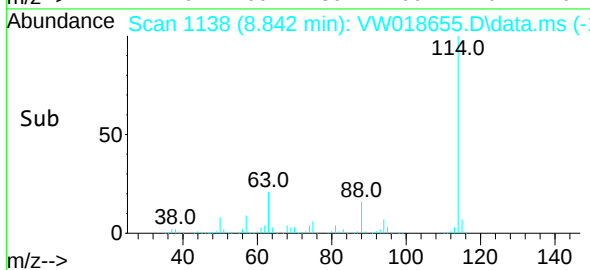
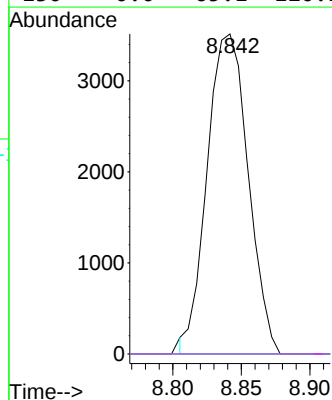
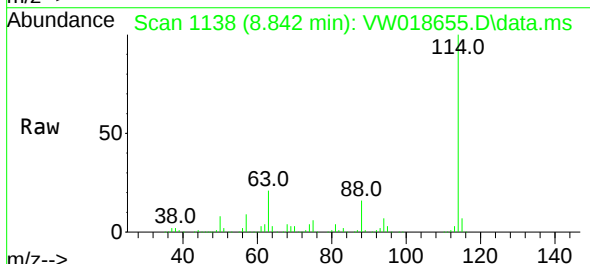
Instrument :
MSVOA_W
ClientSampled :

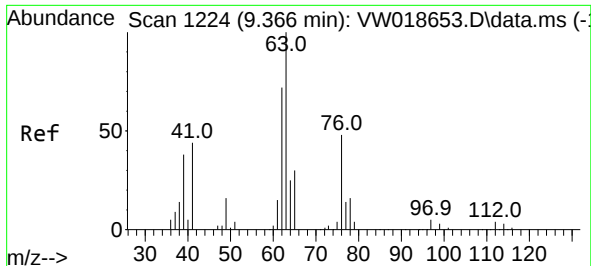
Tgt Ion: 84 Resp: 11547
Ion Ratio Lower Upper
84 100
86 63.3 45.3 84.1
49 130.3 86.6 160.8



#34
Trichloroethene
Concen: 2.46 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

Tgt Ion: 95 Resp: 7316
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#

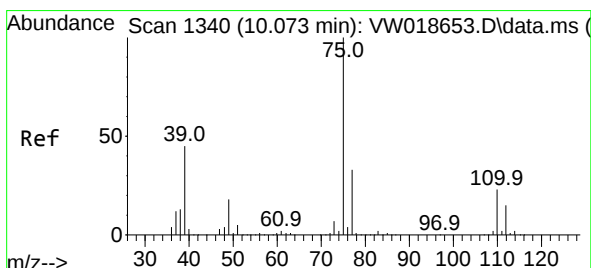
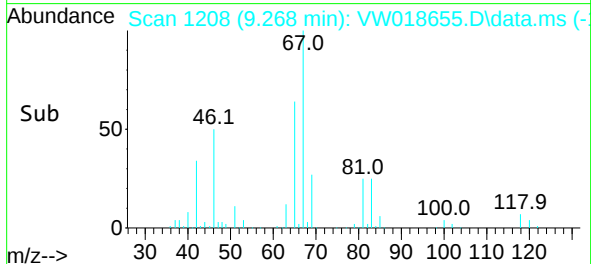
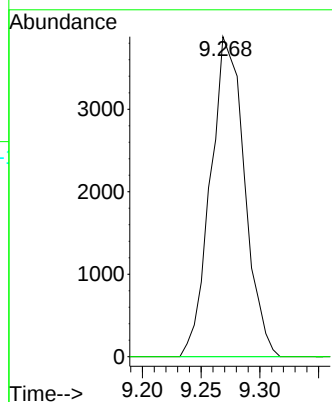
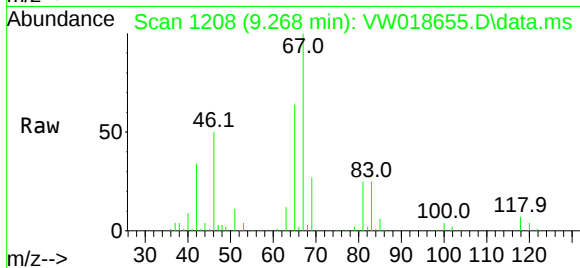




#37
1,2-Dichloropropane
Concen: 2.67 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.104 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

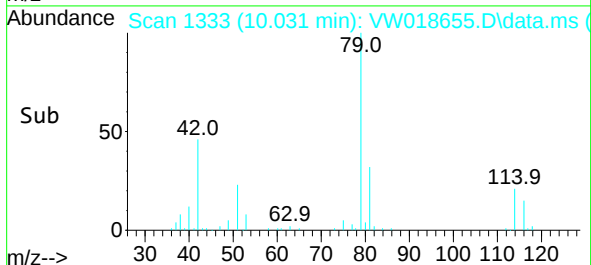
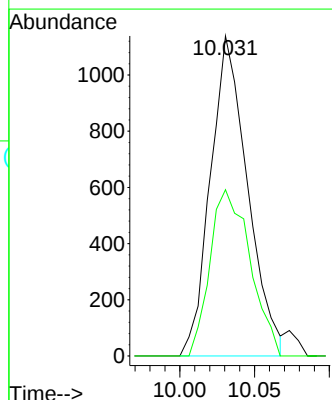
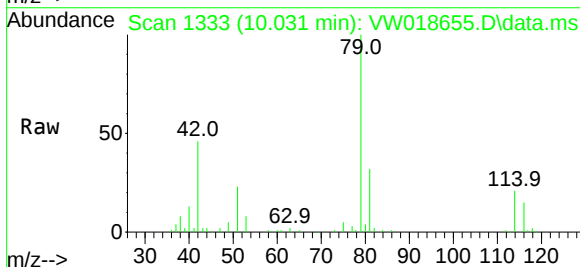
Instrument :
MSVOA_W
ClientSampled :

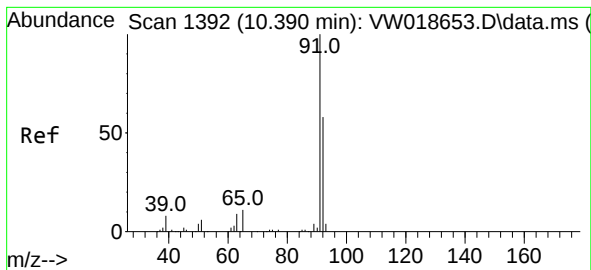
Tgt Ion: 63 Resp: 7818
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018655.D
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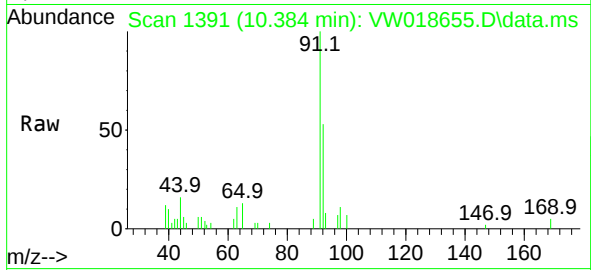
Tgt Ion: 75 Resp: 1967
Ion Ratio Lower Upper
75 100
77 52.0 22.6 42.0#





#42
Toluene
Concen: 0.34 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 91 Resp: 4242
Ion Ratio Lower Upper
91 100
92 52.8 39.5 73.3

