

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019398.D
 Acq On : 09 Jul 2021 15:38
 Operator : SY/VA
 Sample : M2959-02
 Misc : 5.46G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 10 01:02:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 10 00:58:28 2021
 Response via : Initial Calibration

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

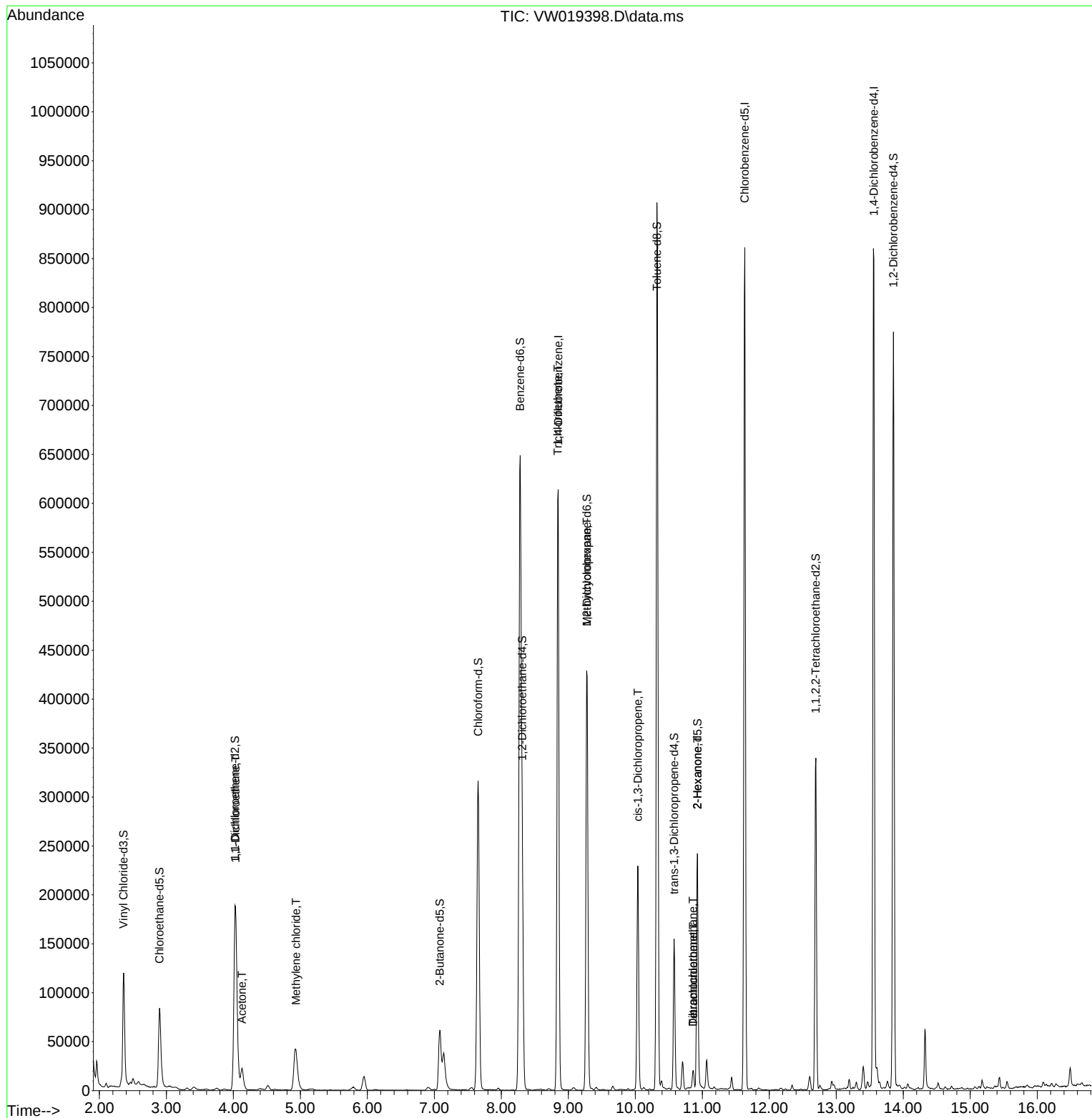
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	514025	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	478483	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	234959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	138382	19.000	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	76.000%	
7) Chloroethane-d5	2.898	69	117281	22.582	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	90.320%	
11) 1,1-Dichloroethene-d2	4.025	63	224894	16.004	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	64.000%	
21) 2-Butanone-d5	7.080	46	107688	50.944	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	101.880%	
24) Chloroform-d	7.653	84	329446	23.195	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	8.311	65	190041	24.382	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	97.520%	
32) Benzene-d6	8.281	84	674061	23.666	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	94.680%	
36) 1,2-Dichloropropane-d6	9.274	67	214390	24.150	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	96.600%	
41) Toluene-d8	10.323	98	603152	23.488	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	93.960%	
43) trans-1,3-Dichloroprop...	10.579	79	85792	22.566	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	90.280%	
47) 2-Hexanone-d5	10.927	63	84492	51.301	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	102.600%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	176490	24.604	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	13.853	152	204089	24.619	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	98.480%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.031	96	1821	0.271	ug/L #	1
13) Acetone	4.129	43	35838	23.009	ug/L	87
16) Methylene chloride	4.934	84	40858	3.987	ug/L	91
34) Trichloroethene	8.842	95	15491	2.027	ug/L #	5
35) Methylcyclohexane	9.274	83	50611	3.742	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	5482	0.472	ug/L #	68
46) Tetrachloroethene	10.866	164	4375	0.751	ug/L	91
48) 2-Hexanone	10.927	43	9911	3.038	ug/L #	66
49) Dibromochloromethane	10.860	129	4019	0.662	ug/L #	13

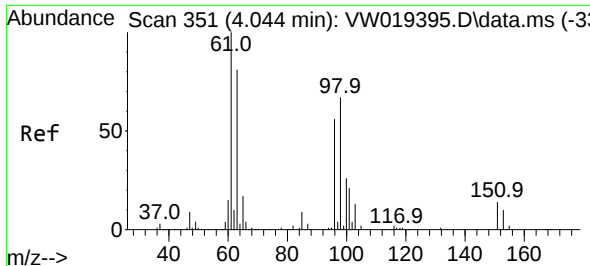
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
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Quant Time: Jul 10 01:02:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 10 00:58:28 2021
Response via : Initial Calibration

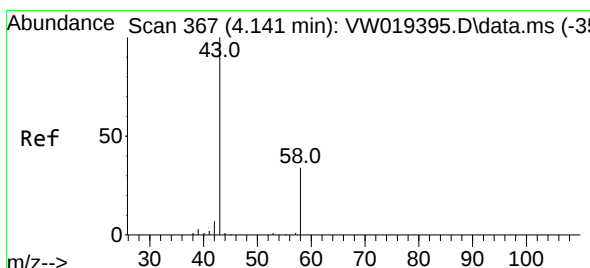
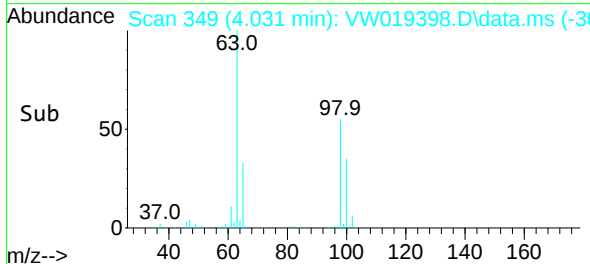
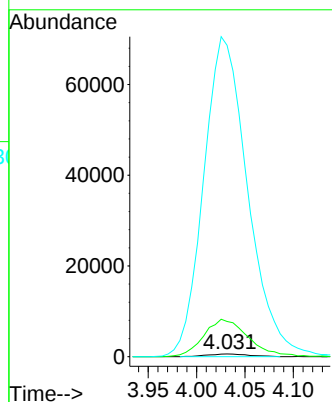
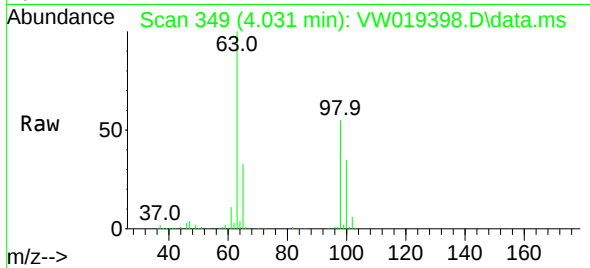




#12
1,1-Dichloroethene
Concen: 0.271 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.012 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38

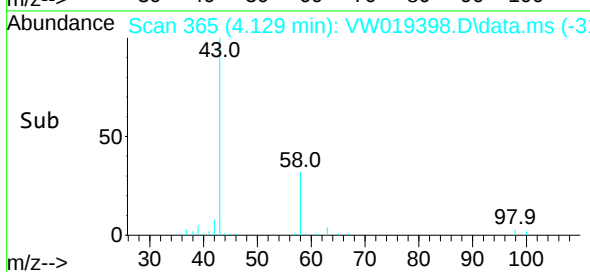
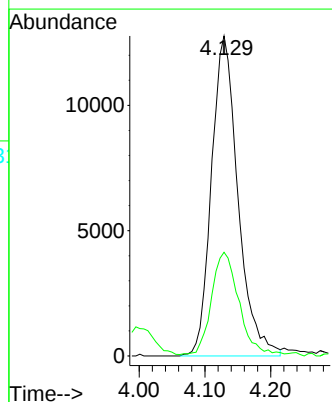
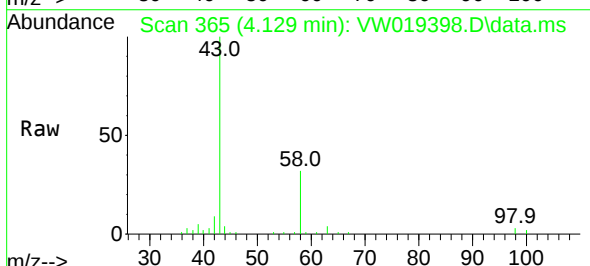
Instrument :
MSVOA_W
ClientSampled :

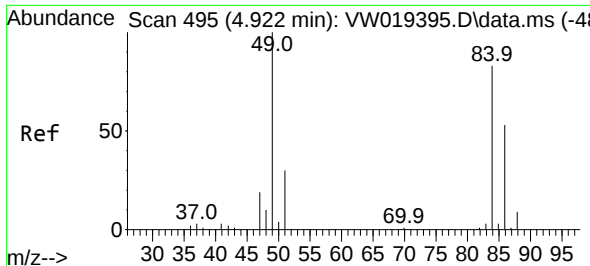
Tgt Ion: 96 Resp: 1821
Ion Ratio Lower Upper
96 100
61 1288.4 118.1 219.3#
63 11380.4 83.7 155.5#



#13
Acetone
Concen: 23.009 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 43 Resp: 35838
Ion Ratio Lower Upper
43 100
58 33.7 0.0 53.8

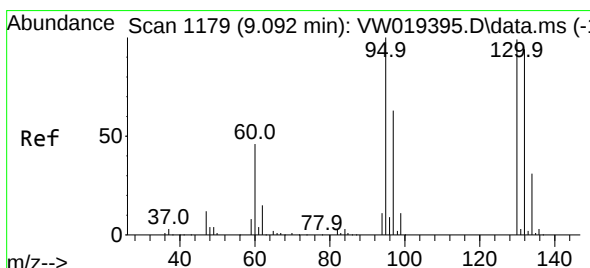
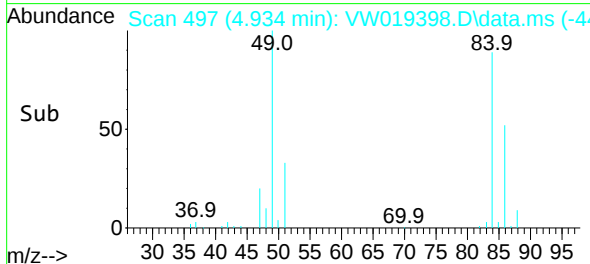
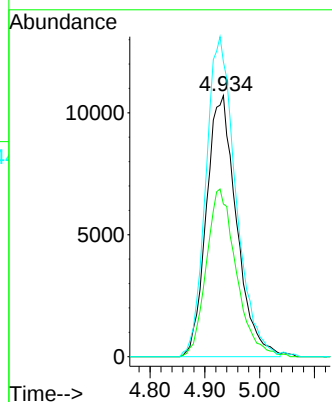
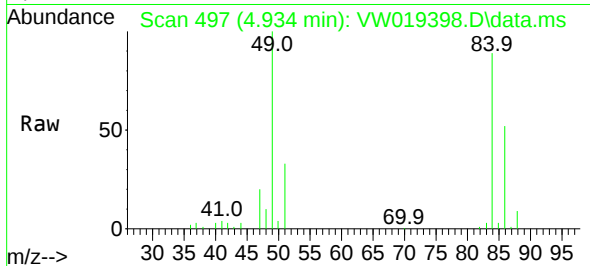




#16
Methylene chloride
Concen: 3.987 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.012 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38

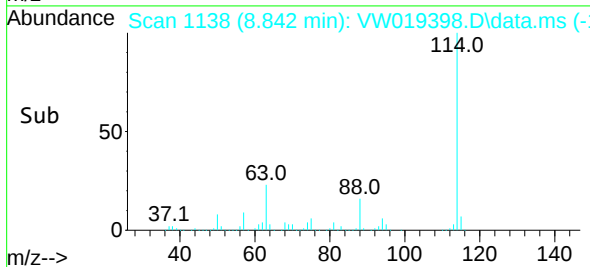
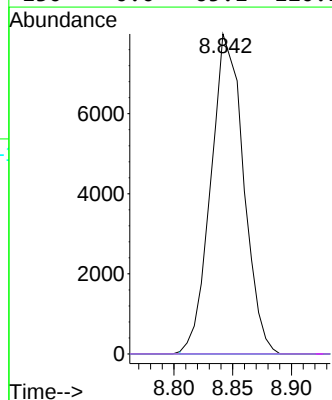
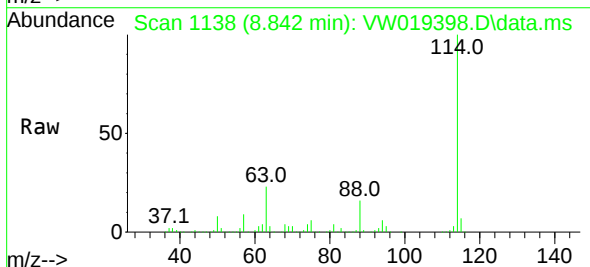
Instrument :
MSVOA_W
ClientSampled :

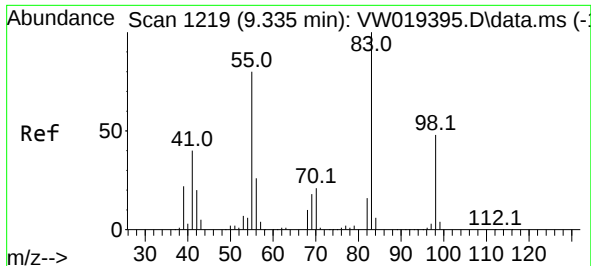
Tgt Ion: 84 Resp: 40858
Ion Ratio Lower Upper
84 100
86 58.5 45.3 84.1
49 113.0 86.6 160.8



#34
Trichloroethene
Concen: 2.027 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 95 Resp: 15491
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#

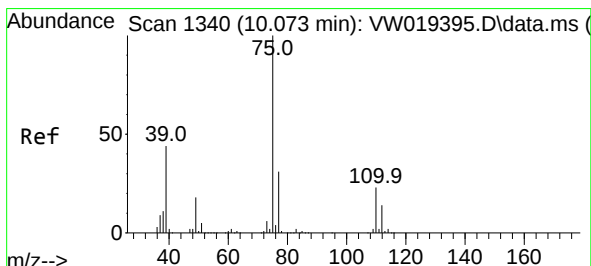
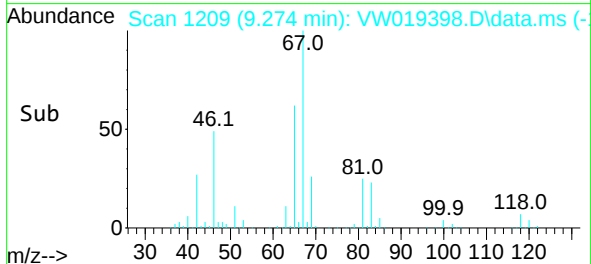
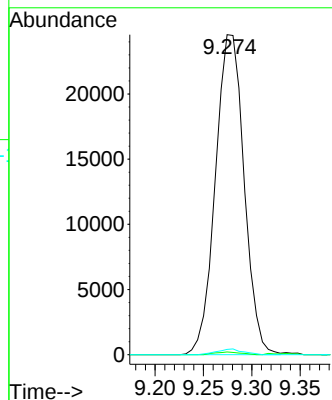
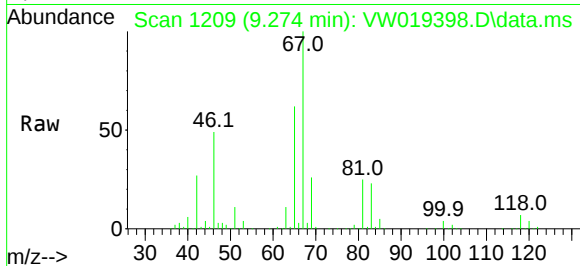




#35
Methylcyclohexane
Concen: 3.742 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38

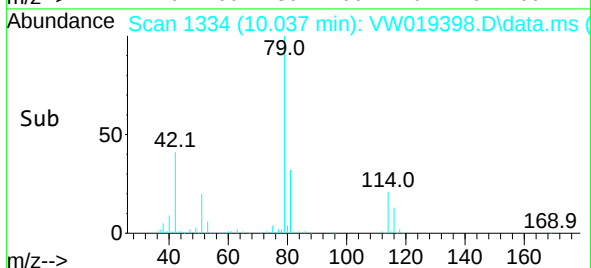
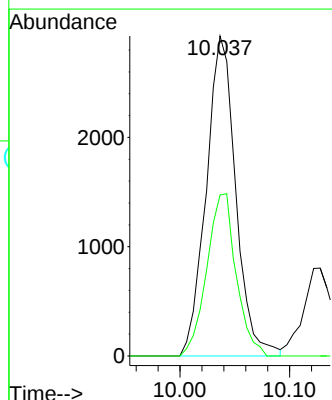
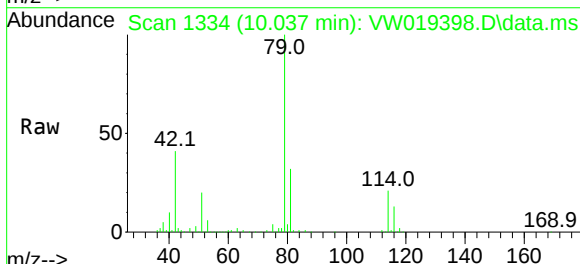
Instrument :
MSVOA_W
ClientSampled :

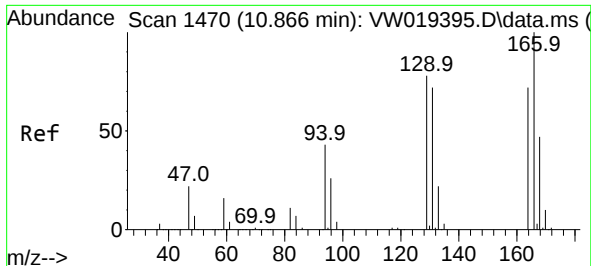
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	58.9	88.3#
98	1.6	40.1	60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.472 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38

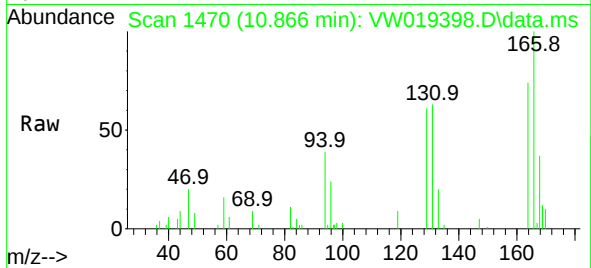
Tgt Ion	Ratio	Lower	Upper
75	100		
77	50.3	22.6	42.0#





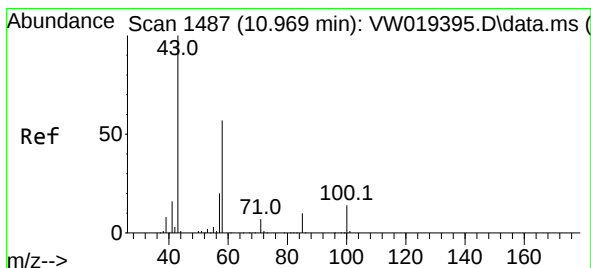
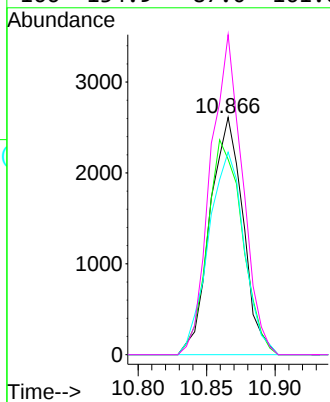
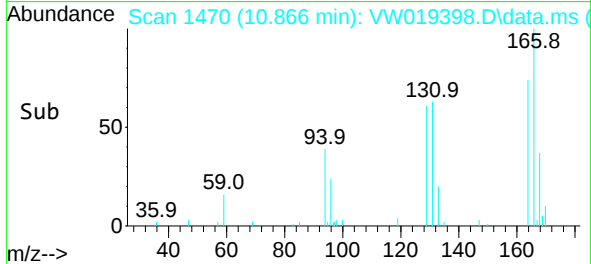
#46
Tetrachloroethene
Concen: 0.751 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38

Instrument :
MSVOA_W
ClientSampled :

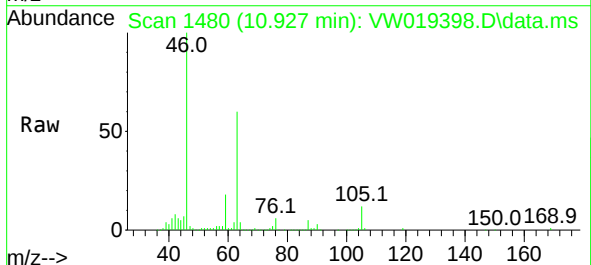


Tgt Ion:164 Resp: 4375

Ion	Ratio	Lower	Upper
164	100		
129	82.3	66.7	123.9
131	85.4	61.1	113.5
166	134.9	87.0	161.6

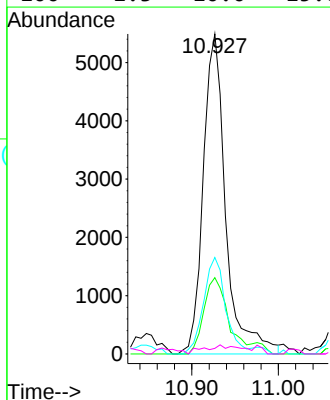
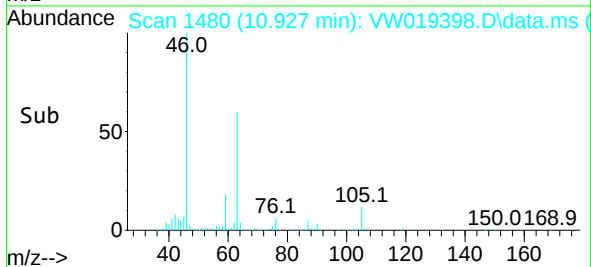


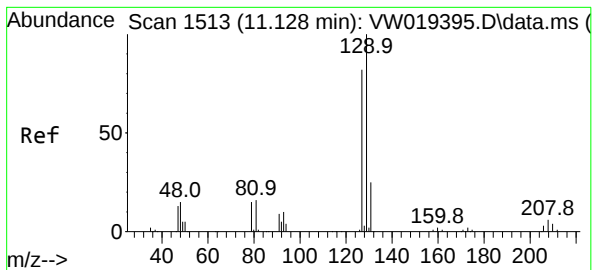
#48
2-Hexanone
Concen: 3.038 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019398.D
Acq: 09 Jul 2021 15:38



Tgt Ion: 43 Resp: 9911

Ion	Ratio	Lower	Upper
43	100		
58	25.3	42.7	64.1#
57	29.4	15.8	23.8#
100	1.3	10.0	15.0#





#49
 Dibromochloromethane
 Concen: 0.662 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. -0.268 min
 Lab File: VW019398.D
 Acq: 09 Jul 2021 15:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:129 Resp: 4019
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.7 95.9#

