

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019401.D
 Acq On : 09 Jul 2021 16:50
 Operator : SY/VA
 Sample : M2959-05
 Misc : 4.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 10 01:02:37 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)

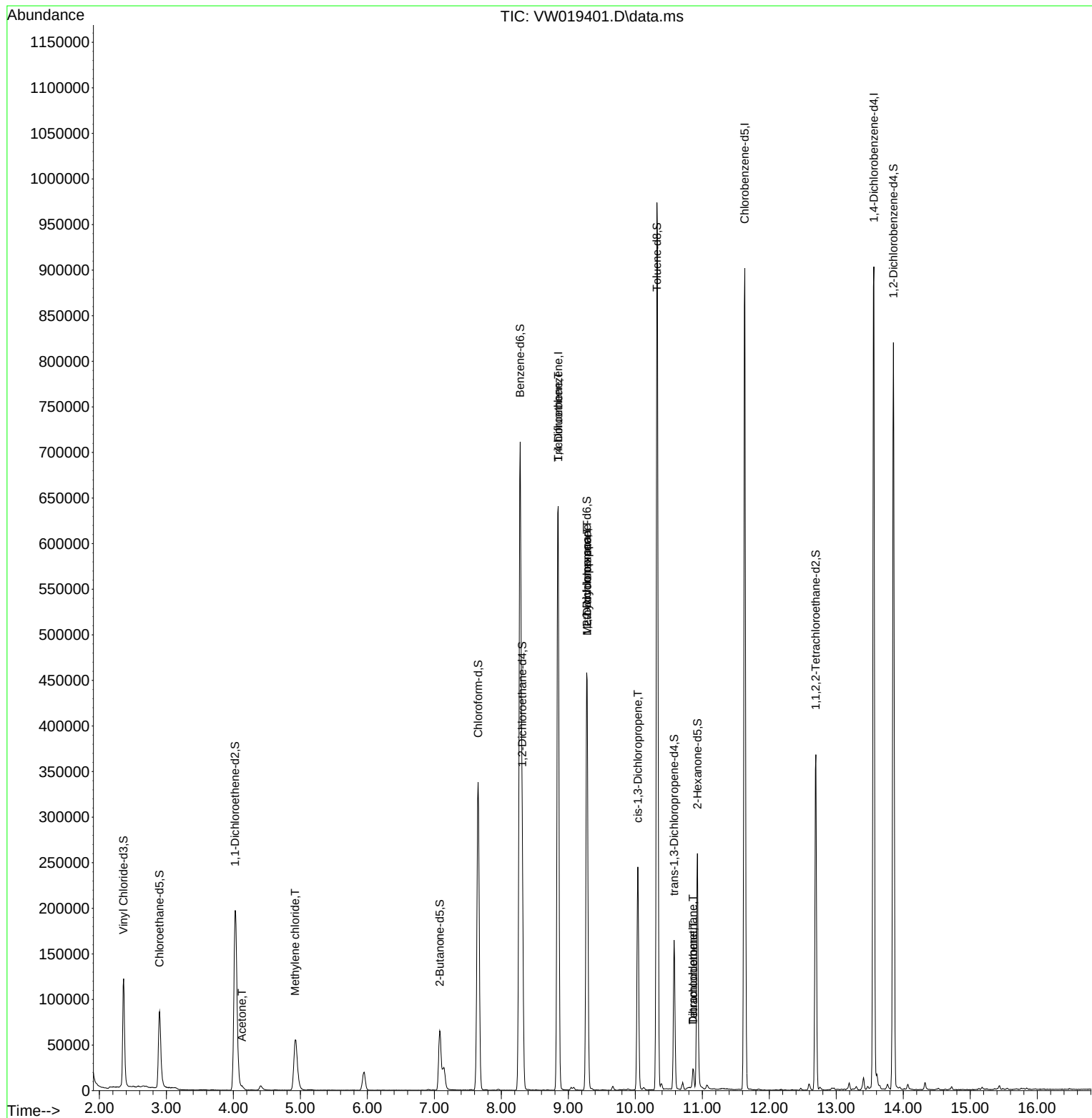
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	545702	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	507406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	234247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	144843	18.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
7) Chloroethane-d5	2.898	69	122001	22.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	4.025	63	235526	15.787	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.160%
21) 2-Butanone-d5	7.080	46	112866	50.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.580%
24) Chloroform-d	7.653	84	350738	23.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.040%
26) 1,2-Dichloroethane-d4	8.311	65	199676	24.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.520%
32) Benzene-d6	8.281	84	719012	23.805	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.274	67	226577	24.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	10.323	98	652738	23.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	10.579	79	91958	22.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.240%
47) 2-Hexanone-d5	10.927	63	89745	51.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	191354	25.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	214565	25.961	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.840%
Target Compounds						Qvalue
13) Acetone	4.129	43	5386	3.257	ug/L	91
16) Methylene chloride	4.922	84	52779	4.851	ug/L	94
34) Trichloroethene	8.848	95	16775	2.069	ug/L #	5
35) Methylcyclohexane	9.281	83	54251	3.782	ug/L #	20
37) 1,2-Dichloropropane	9.281	63	24913	3.095	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	5260	0.427	ug/L #	61
46) Tetrachloroethene	10.866	164	5194	0.841	ug/L	93
49) Dibromochloromethane	10.860	129	4707	0.731	ug/L #	13

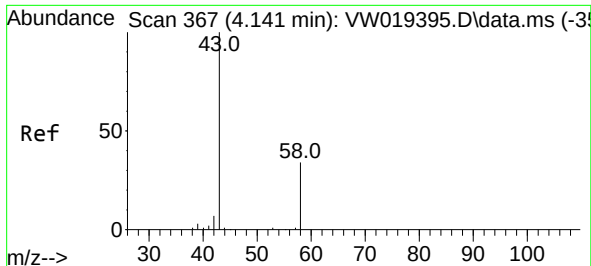
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Jul 10 00:58:28 2021
Response via : Initial Calibration

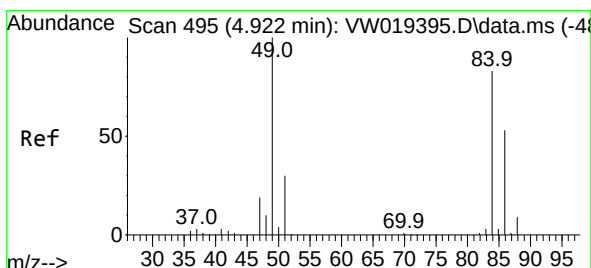
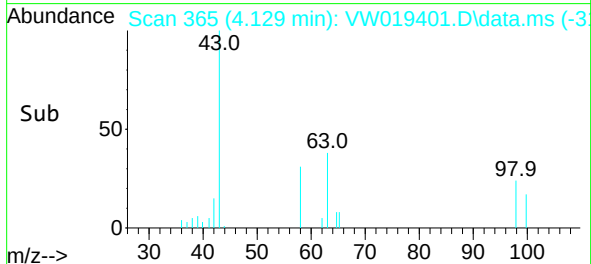
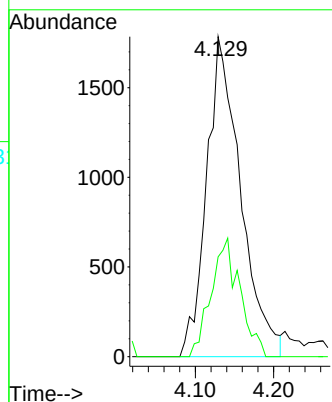
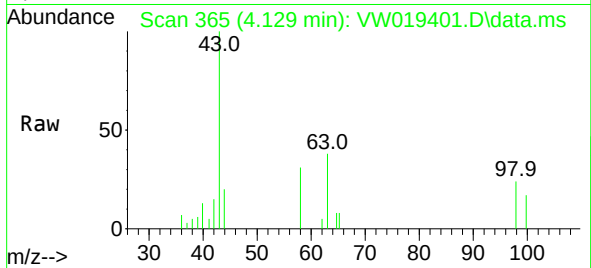




#13
Acetone
Concen: 3.257 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

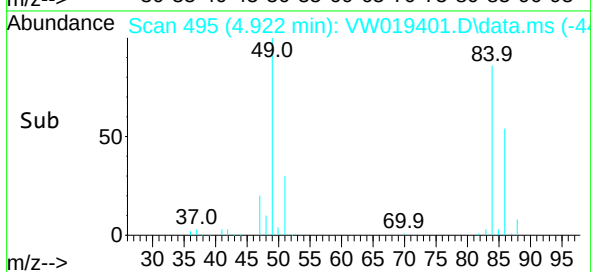
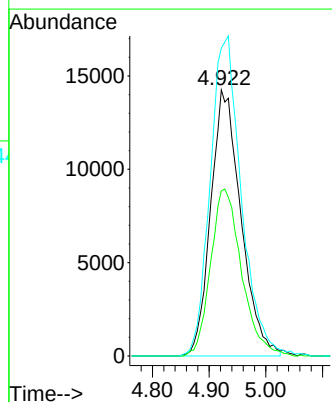
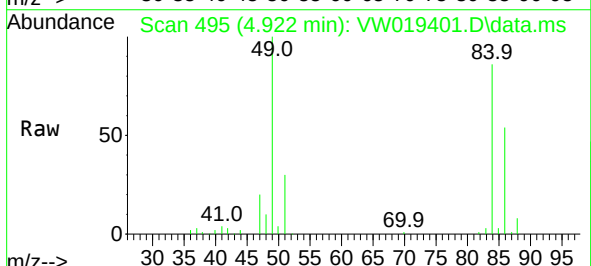
Instrument :
MSVOA_W
ClientSampled :

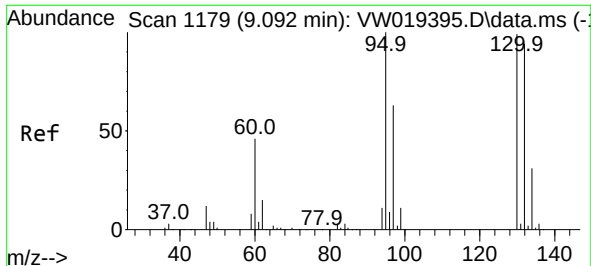
Tgt Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
58 22.3 0.0 53.8



#16
Methylene chloride
Concen: 4.851 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

Tgt Ion: 84 Resp: 52779
Ion Ratio Lower Upper
84 100
86 62.0 45.3 84.1
49 115.7 86.6 160.8

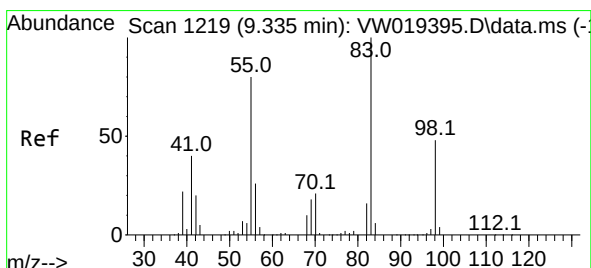
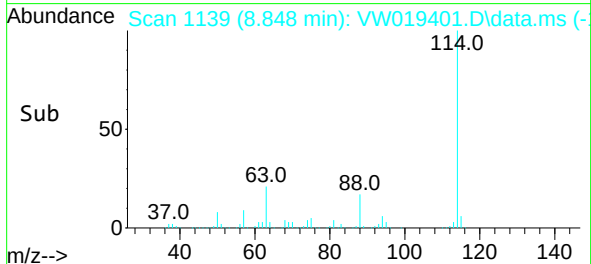
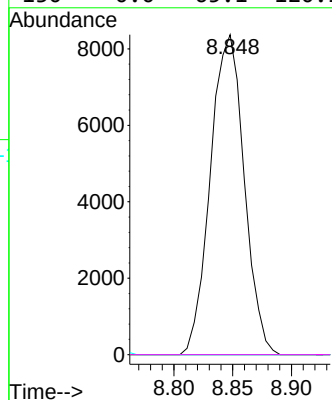
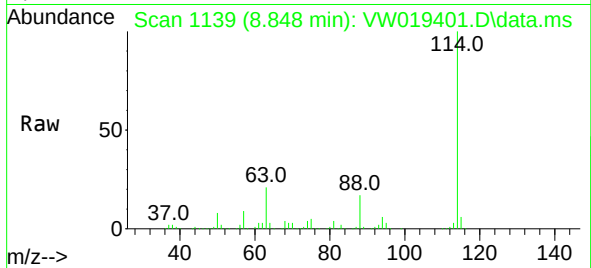




#34
Trichloroethene
Concen: 2.069 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

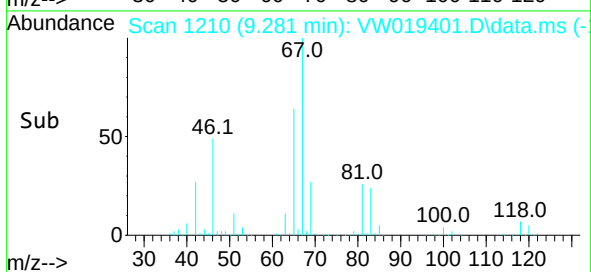
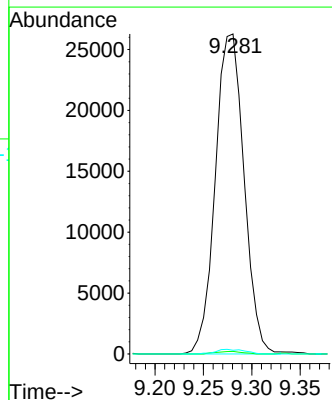
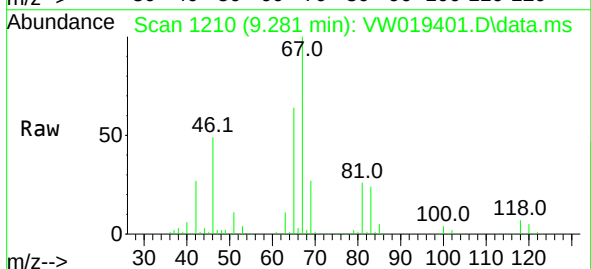
Instrument :
MSVOA_W
ClientSampled :

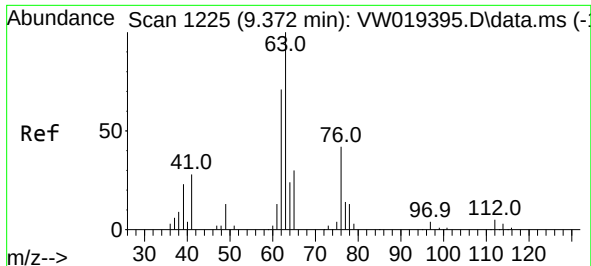
Tgt Ion:	95	Resp:	16775
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#35
Methylcyclohexane
Concen: 3.782 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

Tgt Ion:	83	Resp:	54251
Ion	Ratio	Lower	Upper
83	100		
55	0.7	58.9	88.3#
98	1.4	40.1	60.1#

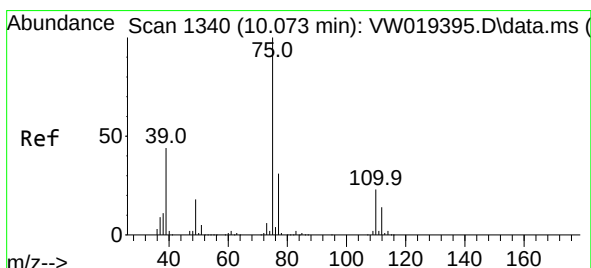
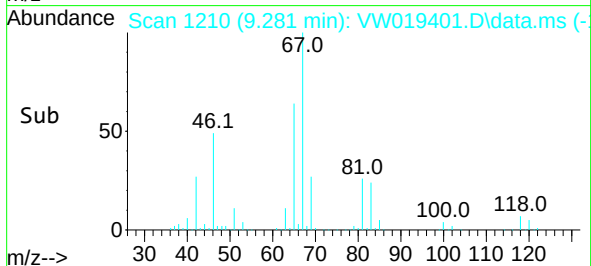
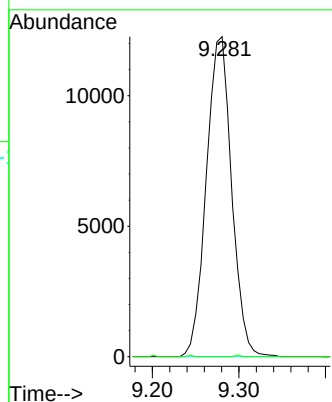
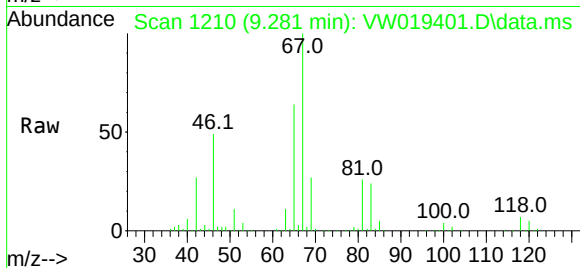




#37
1,2-Dichloropropane
Concen: 3.095 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

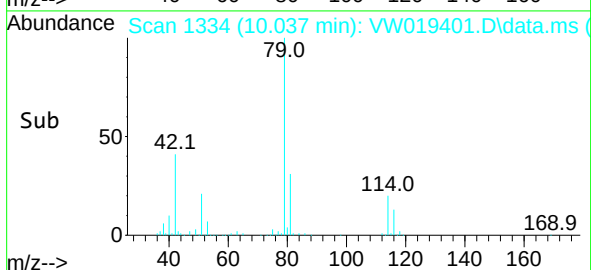
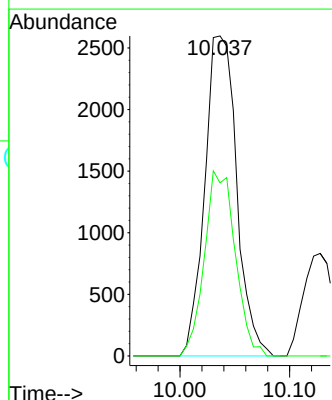
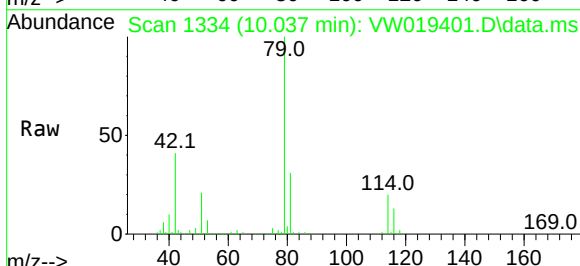
Instrument :
MSVOA_W
ClientSampled :

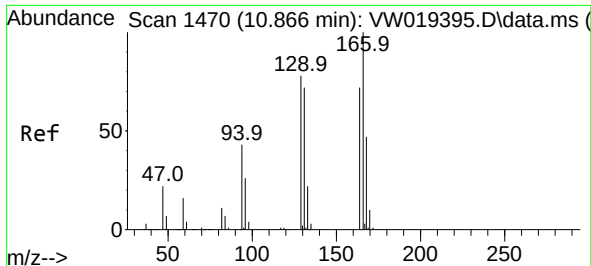
Tgt Ion: 63 Resp: 24913
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.427 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

Tgt Ion: 75 Resp: 5260
Ion Ratio Lower Upper
75 100
77 54.1 22.6 42.0#

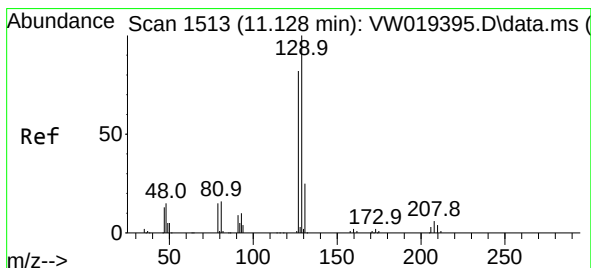
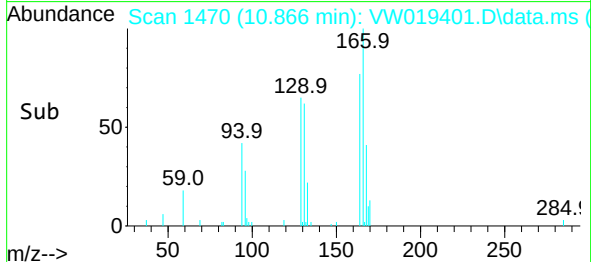
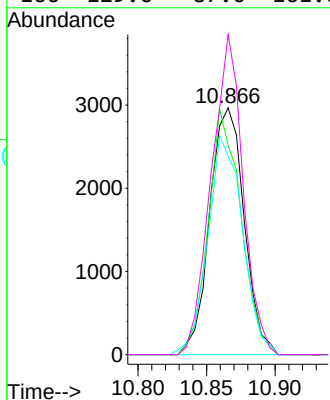
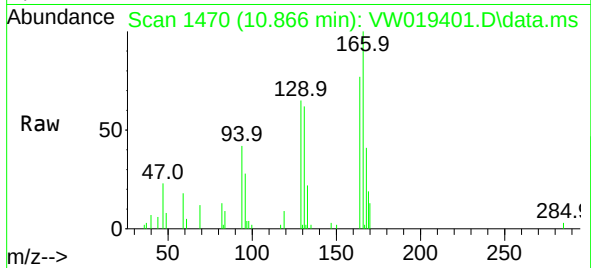




#46
Tetrachloroethene
Concen: 0.841 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	164	Resp:	5194
Ion	Ratio	Lower	Upper
164	100		
129	84.7	66.7	123.9
131	80.4	61.1	113.5
166	129.6	87.0	161.6



#49
Dibromochloromethane
Concen: 0.731 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW019401.D
Acq: 09 Jul 2021 16:50

Tgt Ion:	129	Resp:	4707
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#

