

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062921\
 Data File : VW019351.D
 Acq On : 29 Jun 2021 10:57
 Operator : SY/VA
 Sample : M2808-22RE
 Misc : 4.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 01:20:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 30 01:19:19 2021
 Response via : Initial Calibration

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

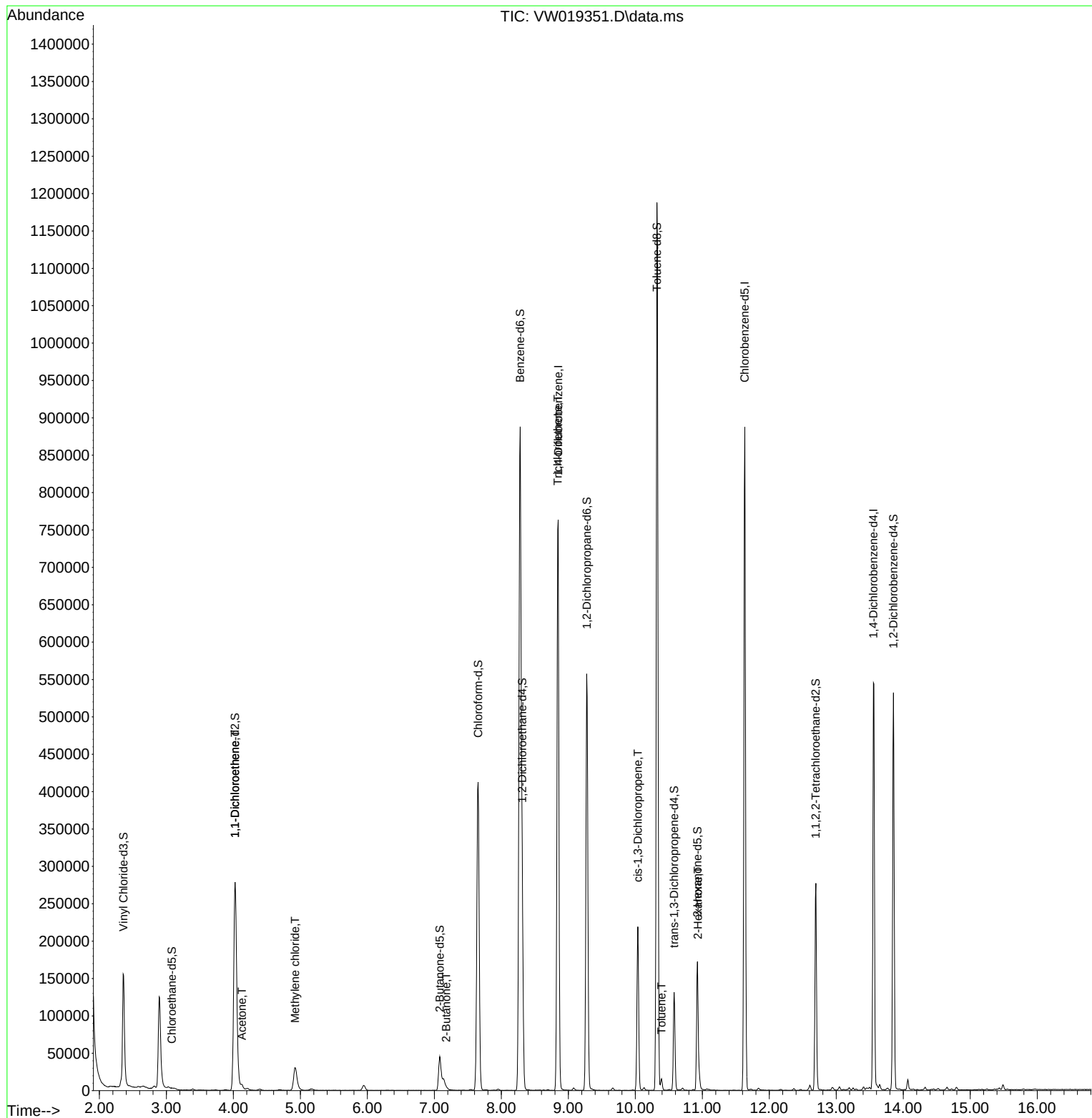
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	639163	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	487032	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151352	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	190655	22.720	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	90.880%	
7) Chloroethane-d5	3.081	69	184	0.028	ug/L	0.18
Spiked Amount	25.000	Range 30 - 150	Recovery	=	0.120%#	
11) 1,1-Dichloroethene-d2	4.026	63	327304	19.087	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	76.360%	
21) 2-Butanone-d5	7.080	46	72645	34.856	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	69.720%	
24) Chloroform-d	7.653	84	433889	24.574	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	98.280%	
26) 1,2-Dichloroethane-d4	8.311	65	211381	23.313	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	93.240%	
32) Benzene-d6	8.281	84	924231	30.964	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	123.840%	
36) 1,2-Dichloropropane-d6	9.275	67	275064	30.234	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	120.920%#	
41) Toluene-d8	10.323	98	791424	29.274	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	117.080%	
43) trans-1,3-Dichloroprop...	10.579	79	75125	20.971	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	83.880%	
47) 2-Hexanone-d5	10.927	63	57058	40.129	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	80.260%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	140124	20.878	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	83.520%	
66) 1,2-Dichlorobenzene-d4	13.853	152	136652	24.682	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	98.720%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.026	96	2558	0.299	ug/L #	1
13) Acetone	4.129	43	10205	7.850	ug/L	89
16) Methylene chloride	4.922	84	28017	2.508	ug/L	94
22) 2-Butanone	7.177	43	5413	2.441	ug/L	89
34) Trichloroethene	8.842	95	19061	2.358	ug/L #	5
39) cis-1,3-Dichloropropene	10.037	75	4983	0.430	ug/L #	70
42) Toluene	10.390	91	10485	0.318	ug/L	94
48) 2-Hexanone	10.933	43	7144	2.557	ug/L #	71

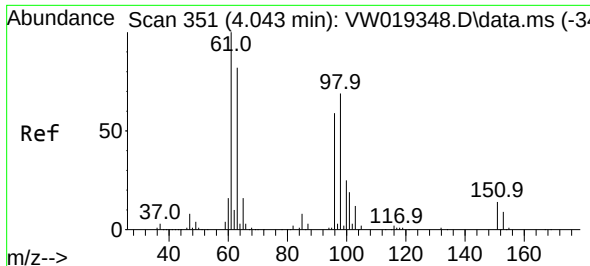
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 30 01:20:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 30 01:19:19 2021
Response via : Initial Calibration

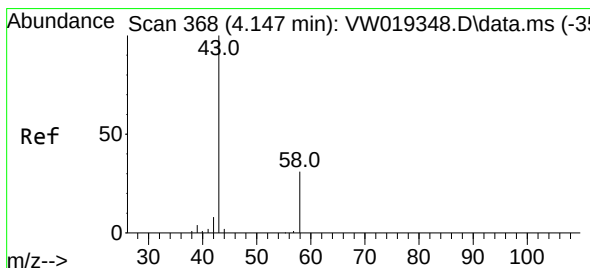
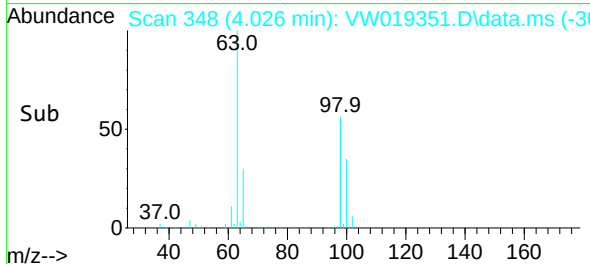
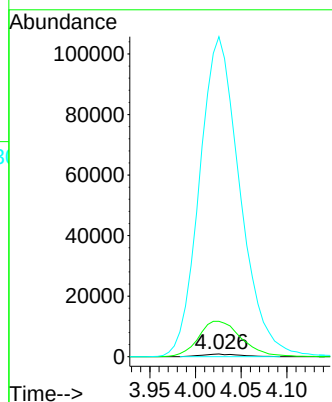
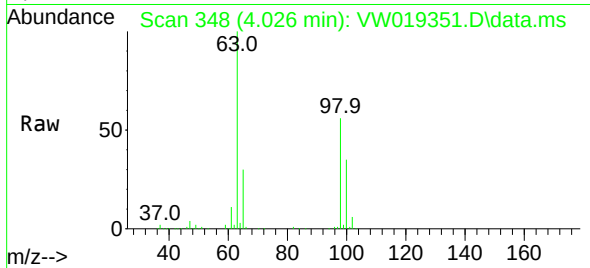




#12
1,1-Dichloroethene
Concen: 0.299 ug/L
RT: 4.026 min Scan# 348
Delta R.T. -0.018 min
Lab File: VW019351.D
Acq: 29 Jun 2021 10:57

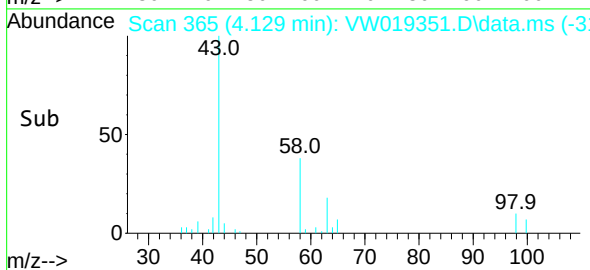
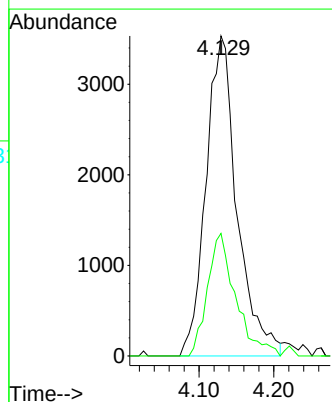
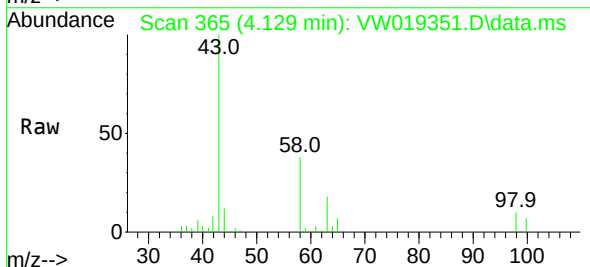
Instrument :
MSVOA_W
ClientSampled :

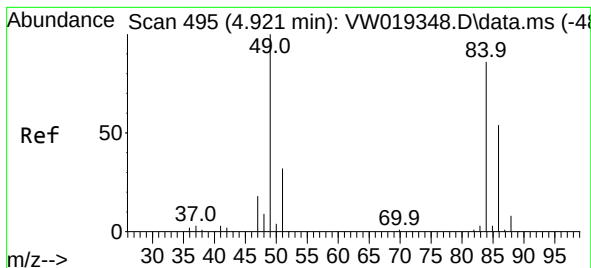
Tgt Ion: 96 Resp: 2558
Ion Ratio Lower Upper
96 100
61 1329.4 118.1 219.3#
63 12012.7 83.7 155.5#



#13
Acetone
Concen: 7.850 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.018 min
Lab File: VW019351.D
Acq: 29 Jun 2021 10:57

Tgt Ion: 43 Resp: 10205
Ion Ratio Lower Upper
43 100
58 32.6 0.0 53.8





#16

Methylene chloride

Concen: 2.508 ug/L

RT: 4.922 min Scan# 495

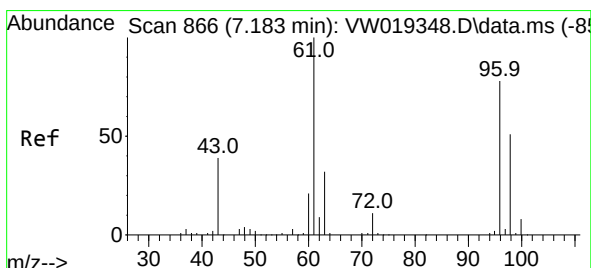
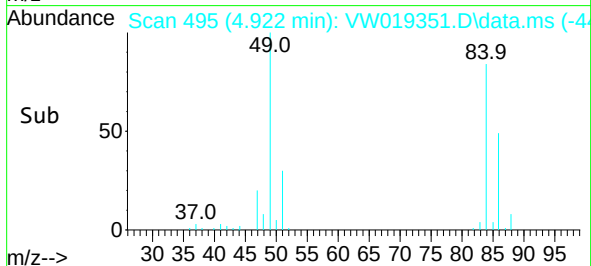
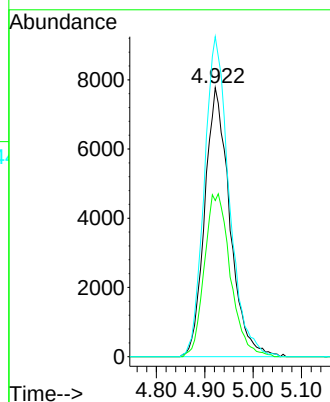
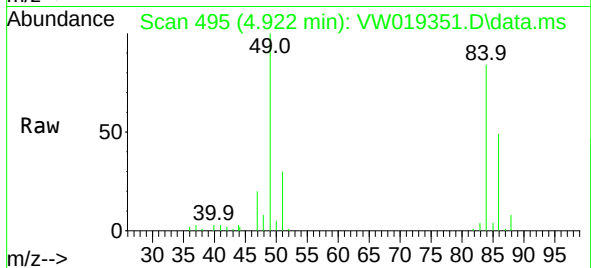
Delta R.T. 0.000 min

Lab File: VW019351.D

Acq: 29 Jun 2021 10:57

Tgt Ion:	84	Resp:	28017
Ion	Ratio	Lower	Upper
84	100		
86	58.0	45.3	84.1
49	119.0	86.6	160.8

Instrument :
MSVOA_W
ClientSampled :



#22

2-Butanone

Concen: 2.441 ug/L

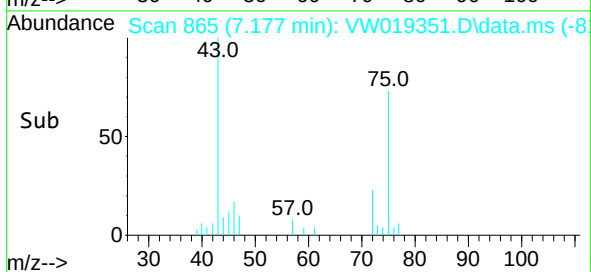
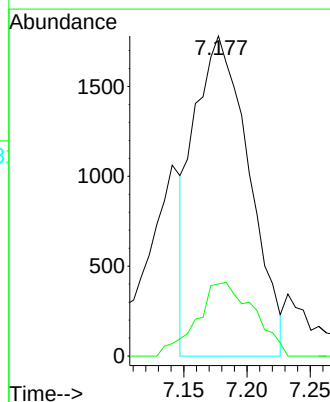
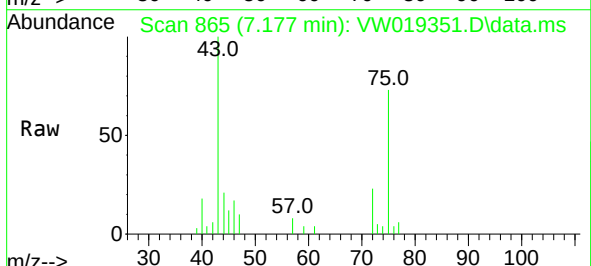
RT: 7.177 min Scan# 865

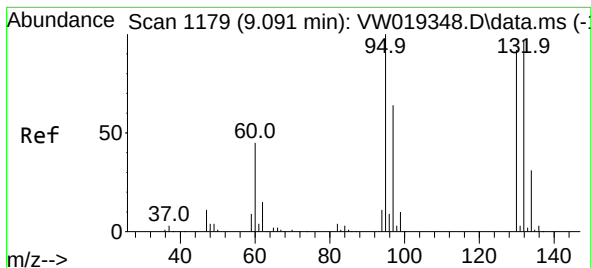
Delta R.T. -0.006 min

Lab File: VW019351.D

Acq: 29 Jun 2021 10:57

Tgt Ion:	43	Resp:	5413
Ion	Ratio	Lower	Upper
43	100		
72	23.7	14.9	44.7





#34

Trichloroethene

Concen: 2.358 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019351.D

Acq: 29 Jun 2021 10:57

Tgt Ion: 95 Resp: 19061

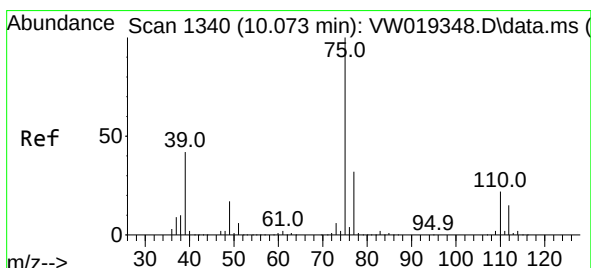
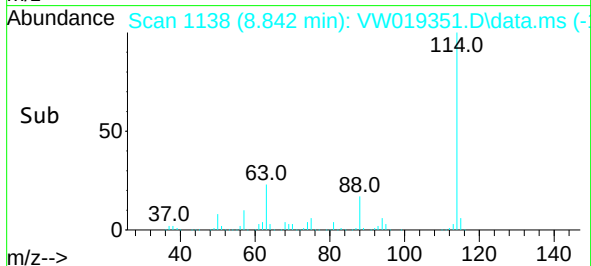
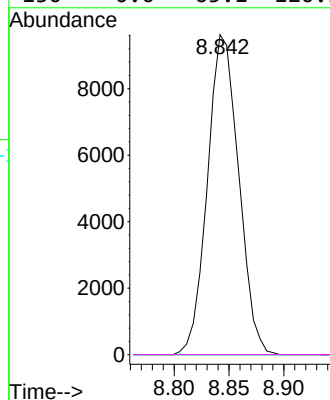
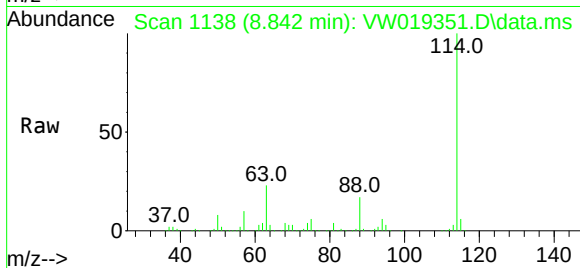
Ion Ratio Lower Upper

95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#



#39

cis-1,3-Dichloropropene

Concen: 0.430 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW019351.D

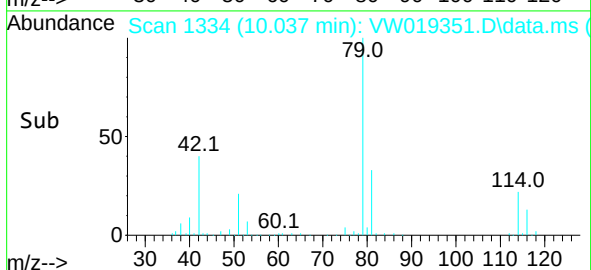
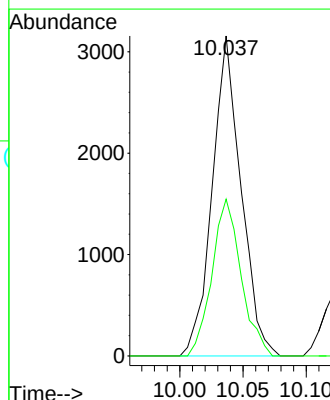
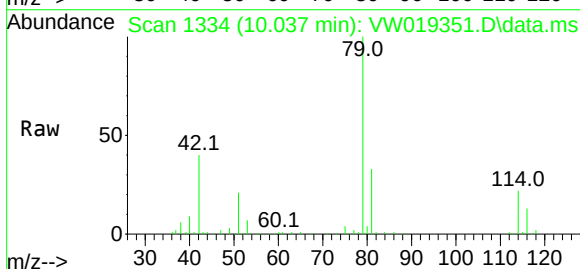
Acq: 29 Jun 2021 10:57

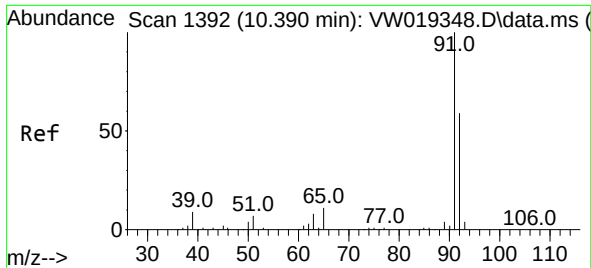
Tgt Ion: 75 Resp: 4983

Ion Ratio Lower Upper

75 100

77 49.0 22.6 42.0#

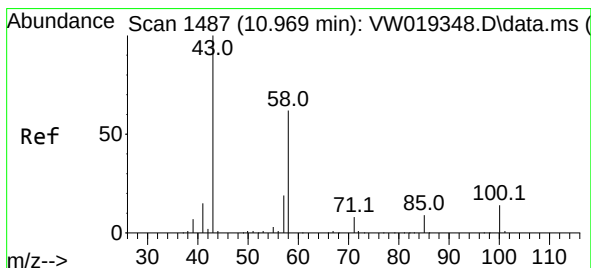
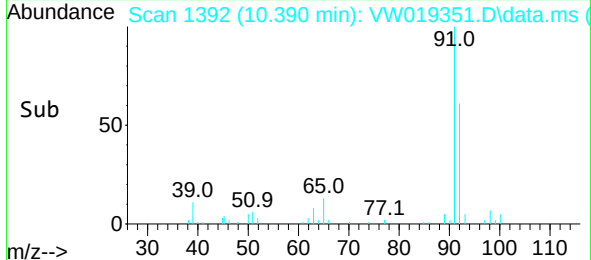
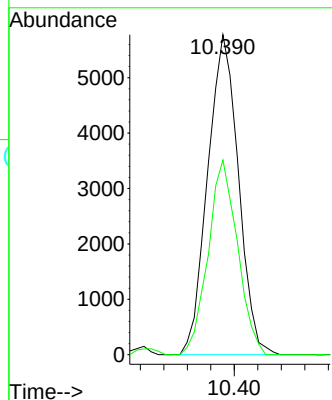
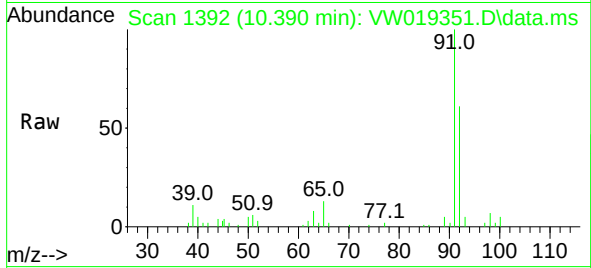




#42
Toluene
Concen: 0.318 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019351.D
Acq: 29 Jun 2021 10:57

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 10485
Ion Ratio Lower Upper
91 100
92 60.9 39.5 73.3



#48
2-Hexanone
Concen: 2.557 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.036 min
Lab File: VW019351.D
Acq: 29 Jun 2021 10:57

Tgt Ion: 43 Resp: 7144
Ion Ratio Lower Upper
43 100
58 32.1 42.7 64.1#
57 31.7 15.8 23.8#
100 1.2 10.0 15.0#

