

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020194.D
 Acq On : 24 Sep 2021 15:56
 Operator : SY/VA
 Sample : M3874-06RE
 Misc : 4.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 25 00:43:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

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

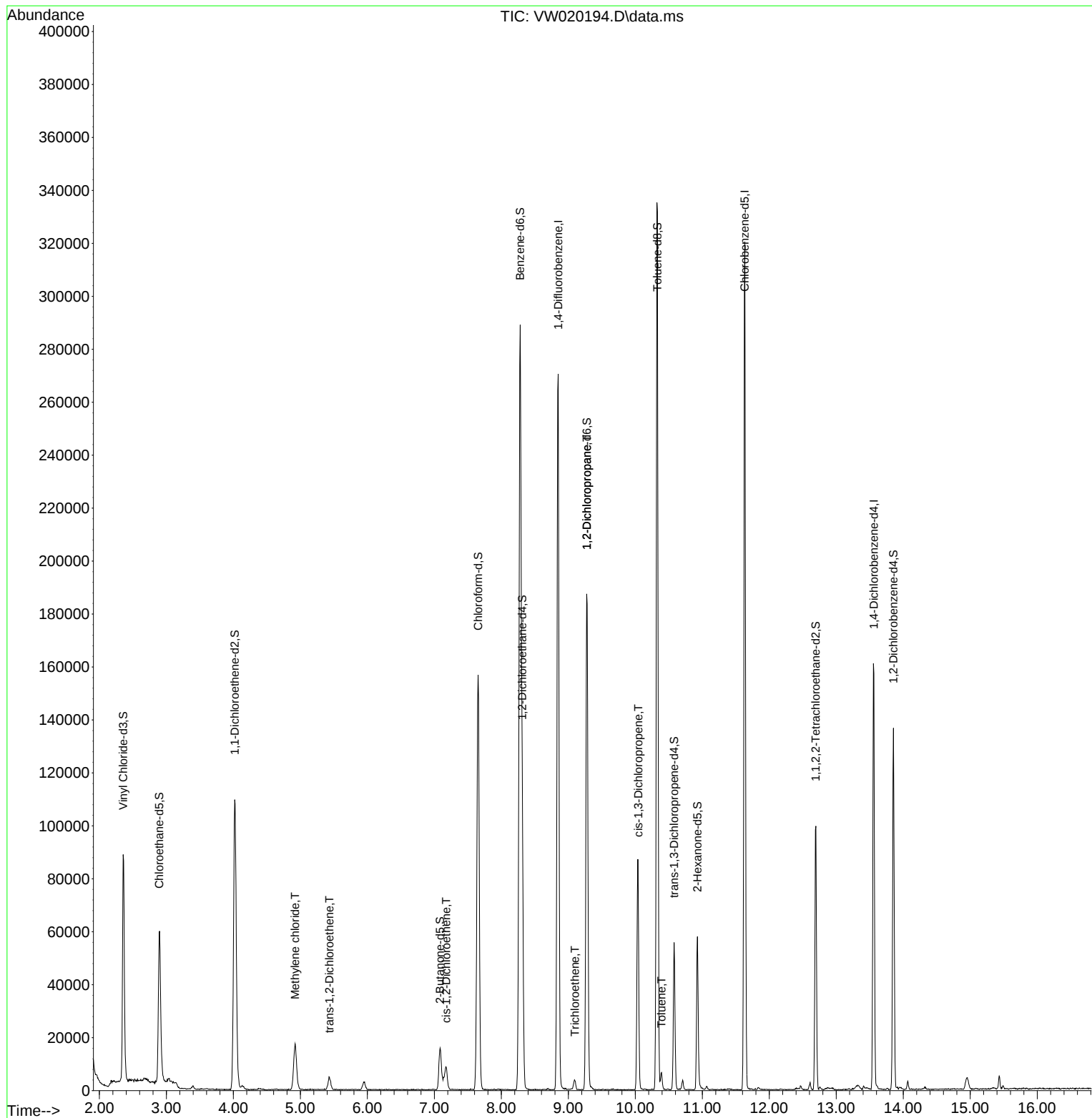
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	216032	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	167817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	40775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	95154	21.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.120%
7) Chloroethane-d5	2.892	69	75781	22.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.040%
11) 1,1-Dichloroethene-d2	4.019	63	113538	16.408	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.640%
21) 2-Butanone-d5	7.086	46	26812	39.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.620%
24) Chloroform-d	7.653	84	158708	23.360	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.440%
26) 1,2-Dichloroethane-d4	8.311	65	85197	23.299	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	8.281	84	287827	26.884	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.275	67	85895	27.721	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.880%
41) Toluene-d8	10.329	98	220457	22.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	10.579	79	29573	22.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.320%
47) 2-Hexanone-d5	10.927	63	17504	40.821	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	48547	20.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	33253	21.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	13036	3.420	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	2943	0.975	ug/L	78
20) cis-1,2-Dichloroethene	7.177	96	4553	1.483	ug/L	98
34) Trichloroethene	9.098	95	1074	0.396	ug/L #	78
37) 1,2-Dichloropropane	9.275	63	10331	4.118	ug/L #	88
39) cis-1,3-Dichloropropene	10.043	75	2444	0.661	ug/L	87
42) Toluene	10.390	91	4108	0.382	ug/L	80

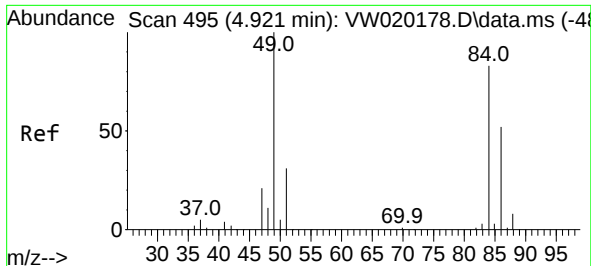
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

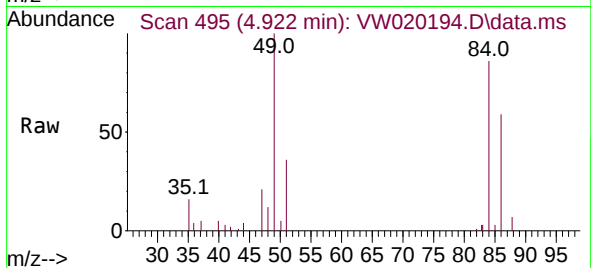
Quant Time: Sep 25 00:43:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 25 00:37:21 2021
Response via : Initial Calibration



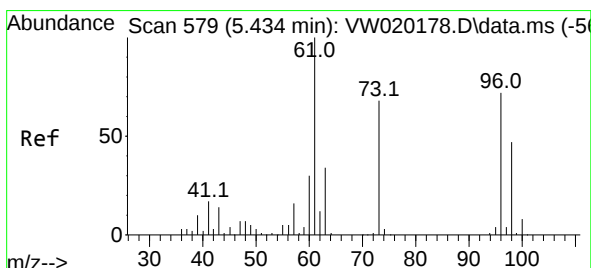
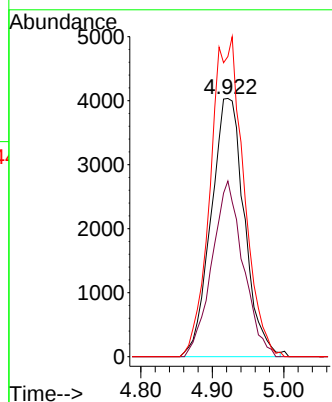
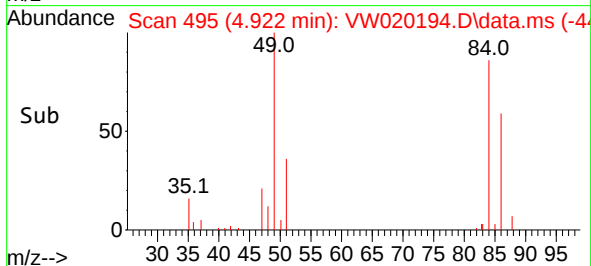


#16
Methylene chloride
Concen: 3.420 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020194.D
Acq: 24 Sep 2021 15:56

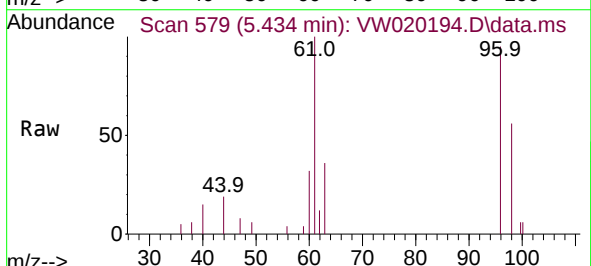
Instrument :
MSVOA_W
ClientSampled :



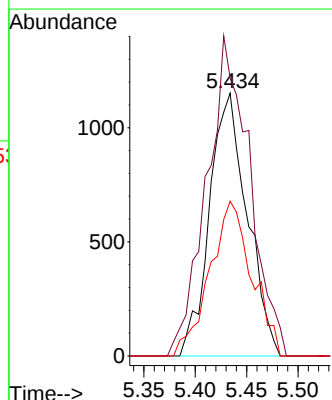
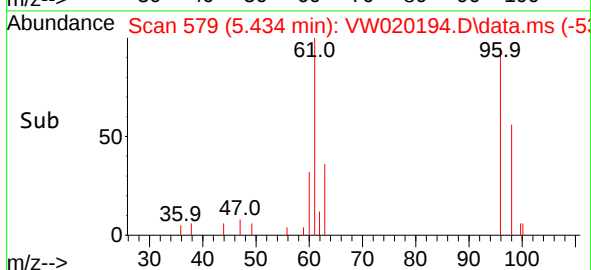
Tgt Ion: 84 Resp: 13036
Ion Ratio Lower Upper
84 100
86 68.0 42.6 79.0
49 116.3 83.4 154.8

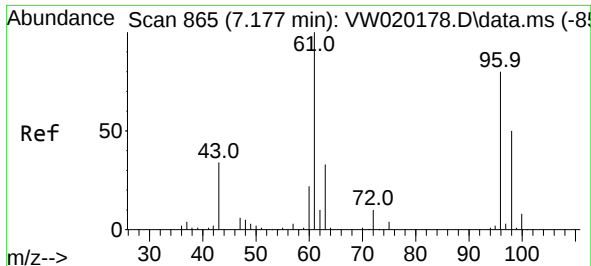


#17
trans-1,2-Dichloroethene
Concen: 0.975 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020194.D
Acq: 24 Sep 2021 15:56



Tgt Ion: 96 Resp: 2943
Ion Ratio Lower Upper
96 100
61 105.7 98.3 182.5
98 58.9 46.6 86.6

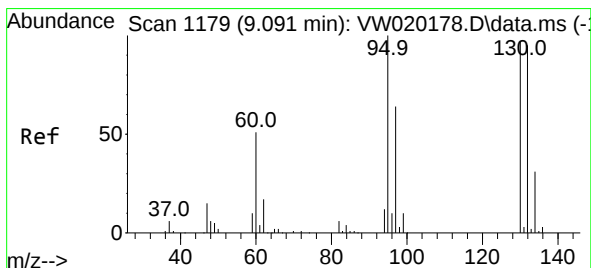
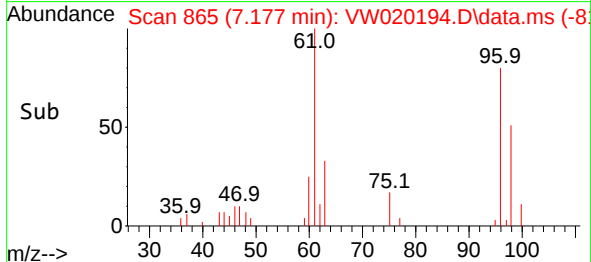
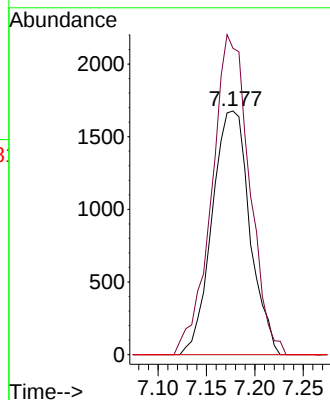
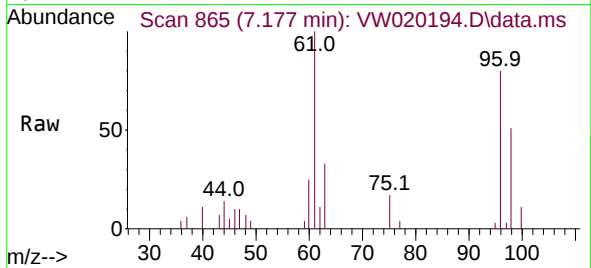




#20
cis-1,2-Dichloroethene
Concen: 1.483 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020194.D
Acq: 24 Sep 2021 15:56

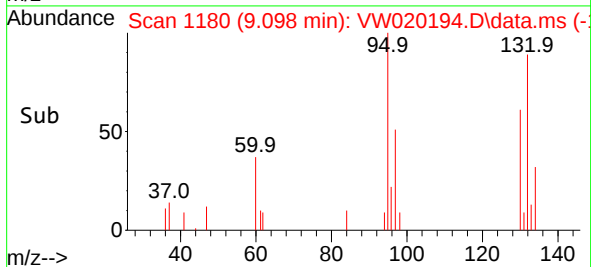
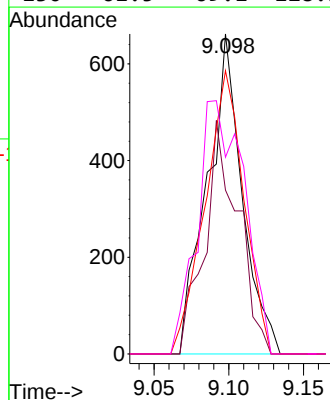
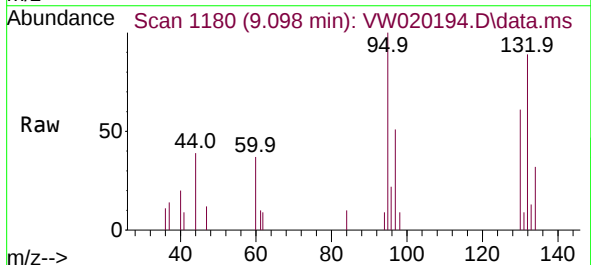
Instrument :
MSVOA_W
ClientSampled :

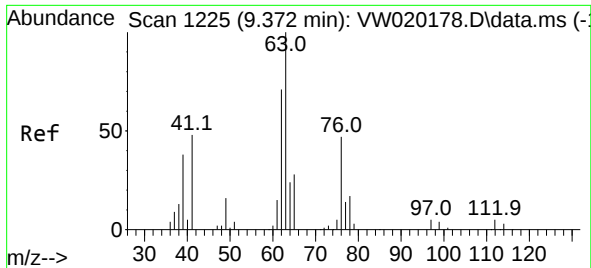
Tgt Ion: 96 Resp: 4553
Ion Ratio Lower Upper
96 100
61 125.8 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.396 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020194.D
Acq: 24 Sep 2021 15:56

Tgt Ion: 95 Resp: 1074
Ion Ratio Lower Upper
95 100
97 51.2 45.1 83.7
132 88.5 67.9 126.1
130 61.5 69.1 128.3#

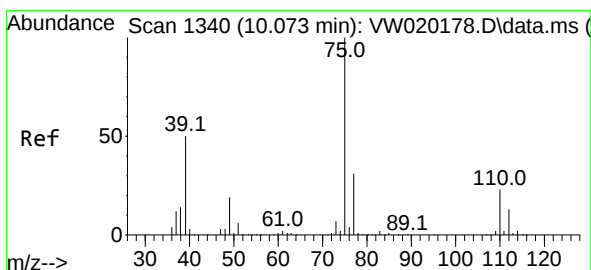
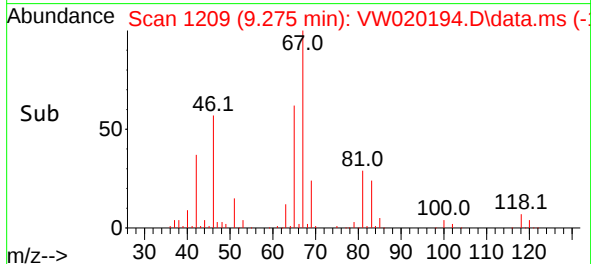
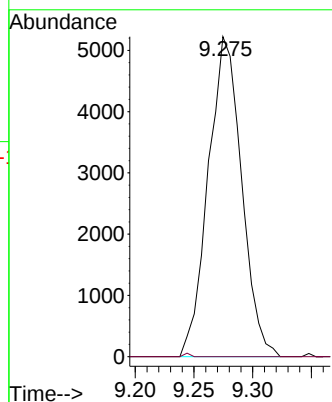
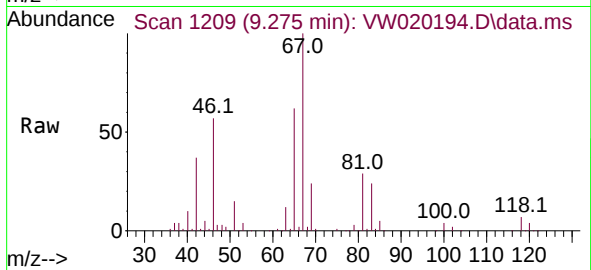




#37
1,2-Dichloropropane
Concen: 4.118 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW020194.D
Acq: 24 Sep 2021 15:56

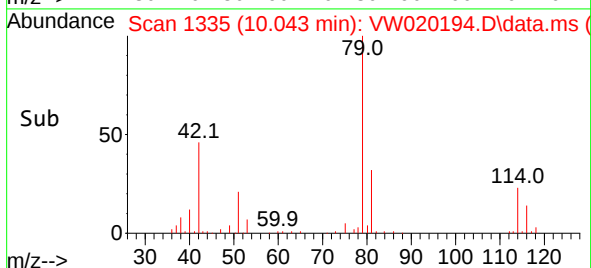
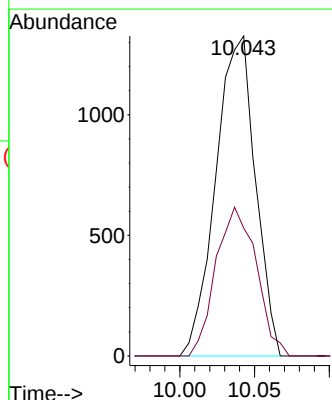
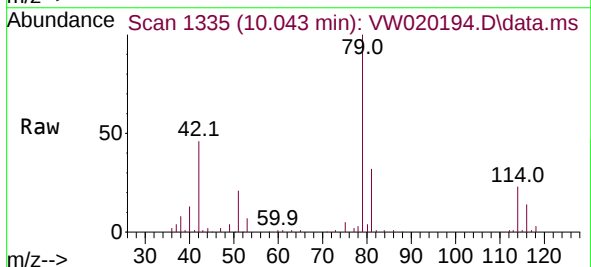
Instrument :
MSVOA_W
ClientSampled :

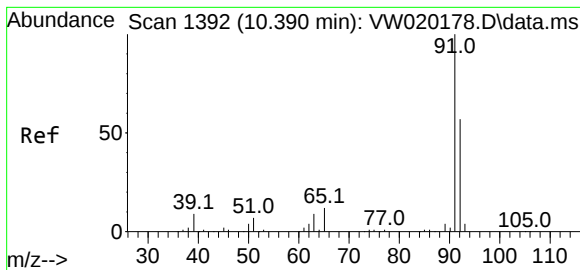
Tgt Ion: 63 Resp: 10331
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#



#39
cis-1,3-Dichloropropene
Concen: 0.661 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW020194.D
Acq: 24 Sep 2021 15:56

Tgt Ion: 75 Resp: 2444
Ion Ratio Lower Upper
75 100
77 39.9 23.0 42.6





#42

Toluene

Concen: 0.382 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020194.D

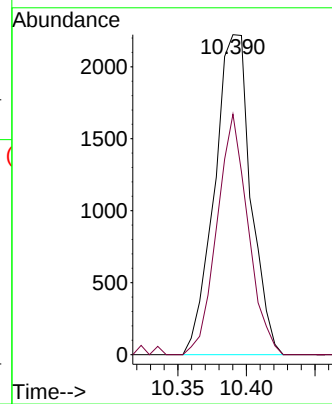
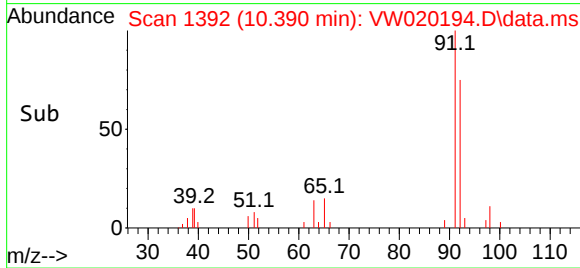
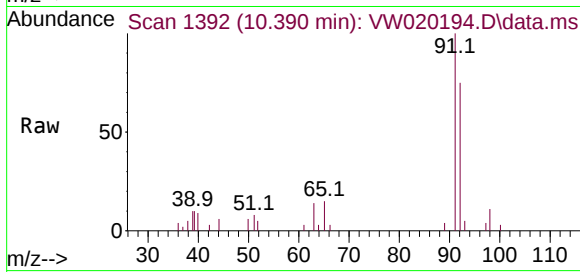
Acq: 24 Sep 2021 15:56

Tgt Ion: 91 Resp: 4108

Ion Ratio Lower Upper

91 100

92 75.2 42.2 78.4



Instrument :
MSVOA_W
ClientSampleId :