

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019829.D
 Acq On : 20 Aug 2021 13:21
 Operator : SY/VA
 Sample : M3486-05
 Misc : 4.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 23:35:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

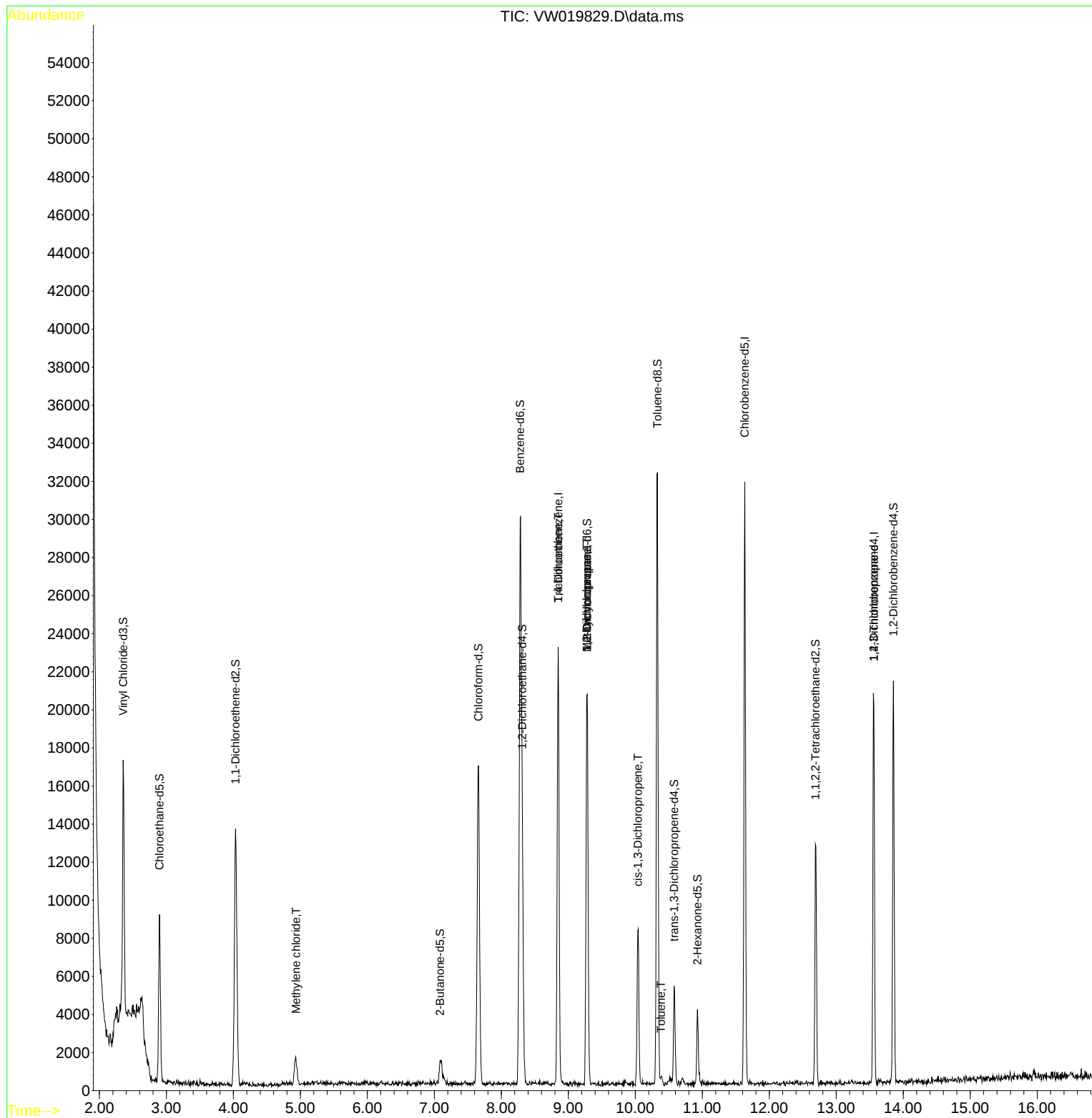
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	18702	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	17075	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	5398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12886	44.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	177.880%#
7) Chloroethane-d5	2.898	69	8838	34.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.000%
11) 1,1-Dichloroethene-d2	4.031	63	13201	26.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.000%
21) 2-Butanone-d5	7.086	46	2330	39.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.180%
24) Chloroform-d	7.659	84	17149	33.342	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	133.360%
26) 1,2-Dichloroethane-d4	8.311	65	8722	31.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.880%
32) Benzene-d6	8.281	84	30524	31.353	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.400%
36) 1,2-Dichloropropane-d6	9.281	67	9724	32.982	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.920%#
41) Toluene-d8	10.329	98	21845	24.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.920%
43) trans-1,3-Dichloroprop...	10.579	79	2925	24.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.080%
47) 2-Hexanone-d5	10.927	63	1354	32.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	6456	26.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	5341	28.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.360%
Target Compounds						Qvalue
16) Methylene chloride	4.934	84	967	3.013	ug/L #	79
34) Trichloroethene	8.848	95	638	2.342	ug/L #	5
35) Methylcyclohexane	9.274	83	2431	5.202	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	1091	4.203	ug/L #	85
39) cis-1,3-Dichloropropene	10.036	75	150	0.392	ug/L #	42
42) Toluene	10.384	91	408	0.368	ug/L #	67
61) 1,2,3-Trichloropropane	13.560	75	755	7.134	ug/L #	59

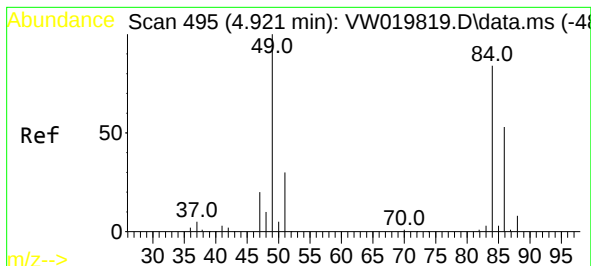
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 20 23:32:55 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.013 ug/L

RT: 4.934 min Scan# 497

Delta R.T. 0.012 min

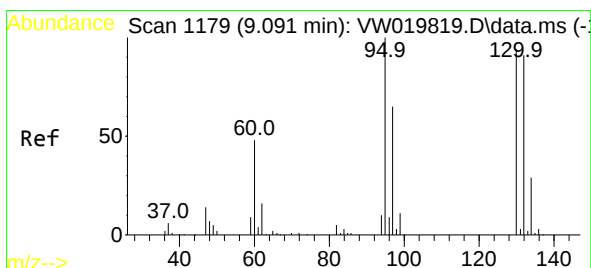
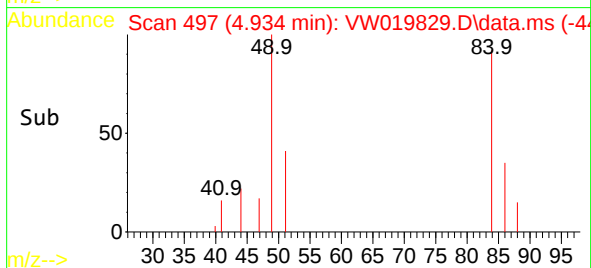
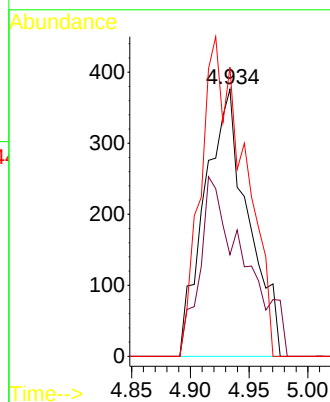
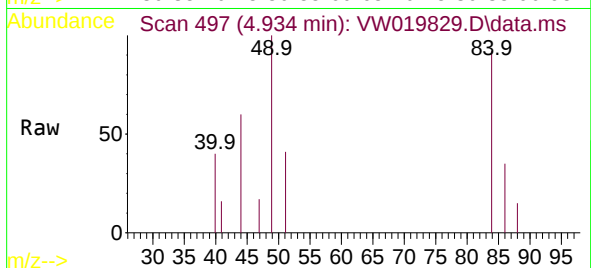
Lab File: VW019829.D

Acq: 20 Aug 2021 13:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 84 Resp: 967

Ion	Ratio	Lower	Upper
84	100		
86	38.0	45.3	84.1#
49	108.2	86.6	160.8



#34

Trichloroethene

Concen: 2.342 ug/L

RT: 8.848 min Scan# 1139

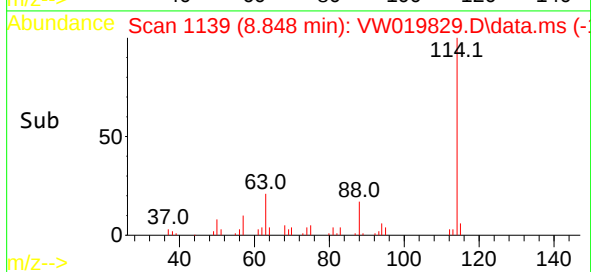
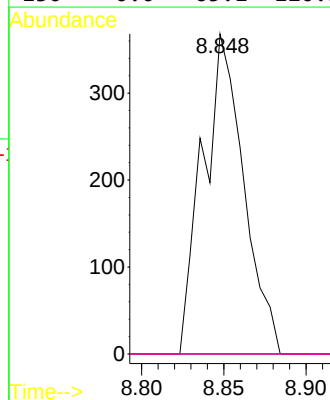
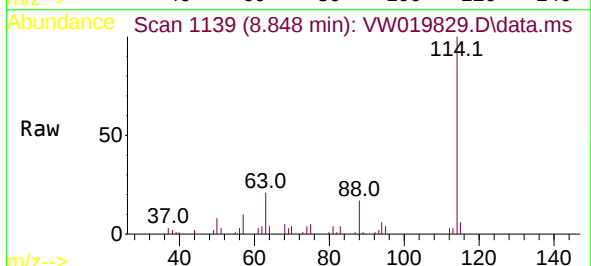
Delta R.T. -0.244 min

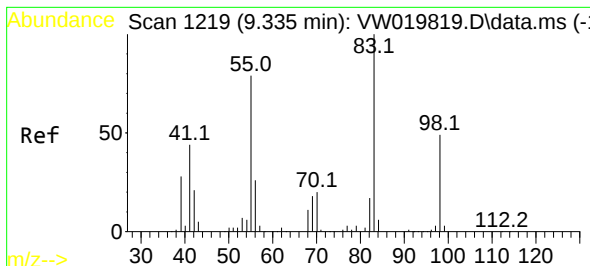
Lab File: VW019829.D

Acq: 20 Aug 2021 13:21

Tgt Ion: 95 Resp: 638

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#

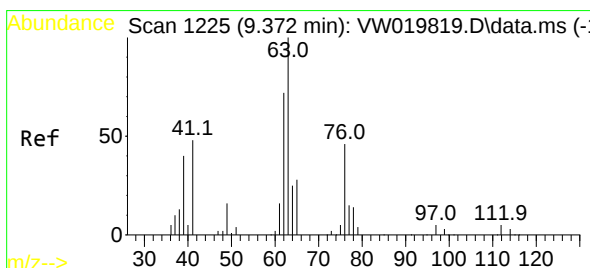
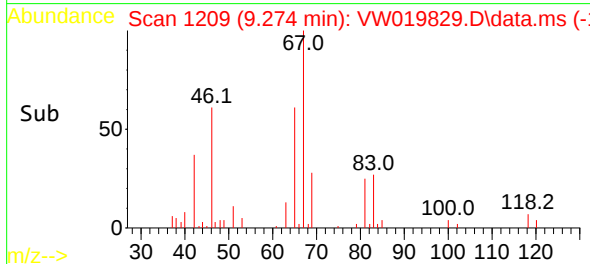
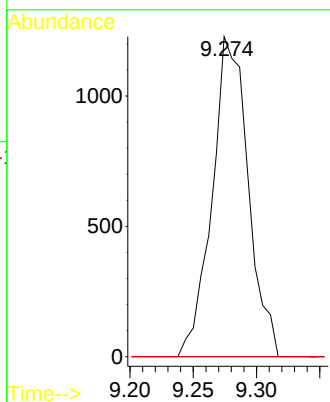
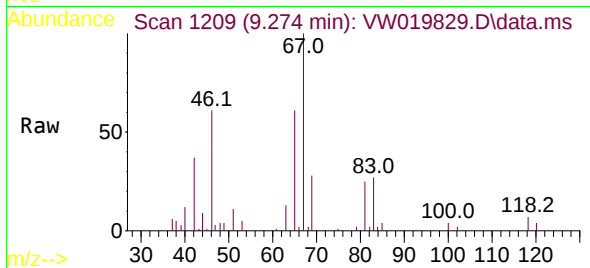




#35
Methylcyclohexane
Concen: 5.202 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019829.D
Acq: 20 Aug 2021 13:21

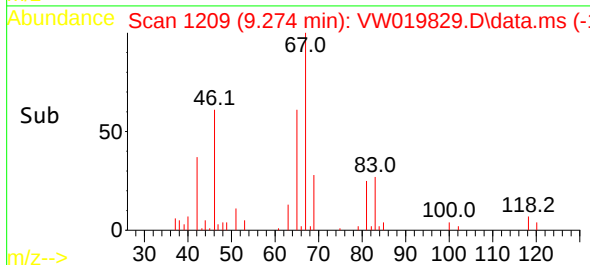
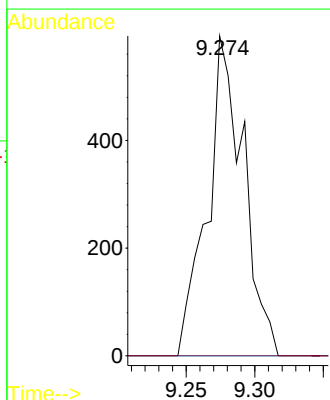
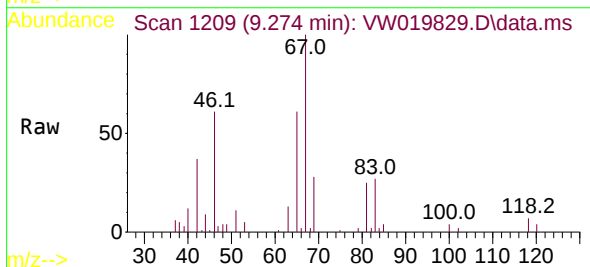
Instrument :
MSVOA_W
ClientSampleId :

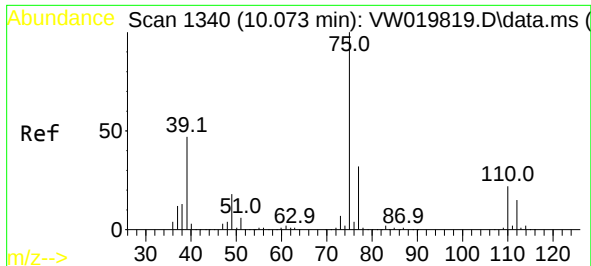
Tgt Ion: 83 Resp: 2431
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 4.203 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019829.D
Acq: 20 Aug 2021 13:21

Tgt Ion: 63 Resp: 1091
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

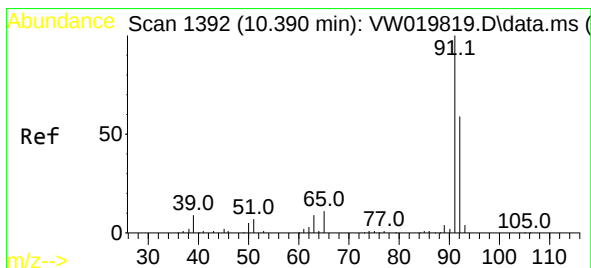
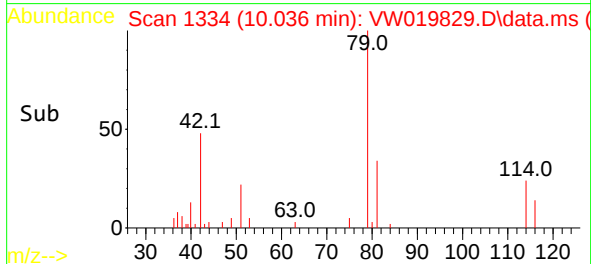
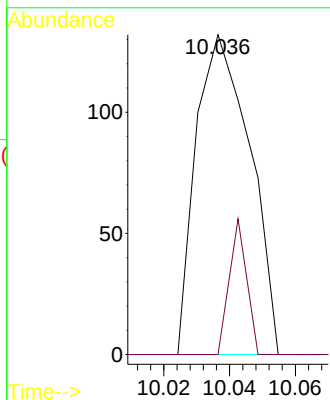
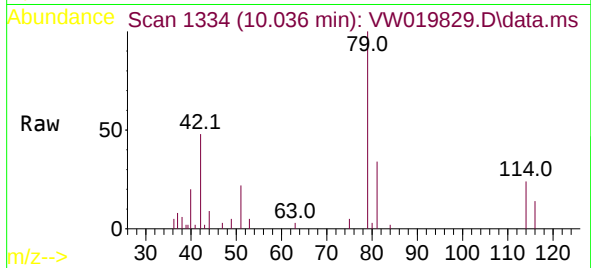




#39
cis-1,3-Dichloropropene
Concen: 0.392 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019829.D
Acq: 20 Aug 2021 13:21

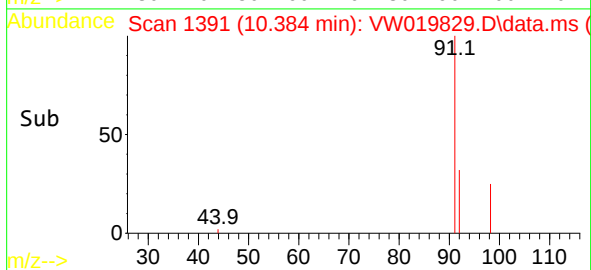
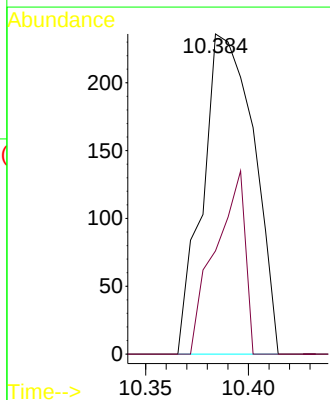
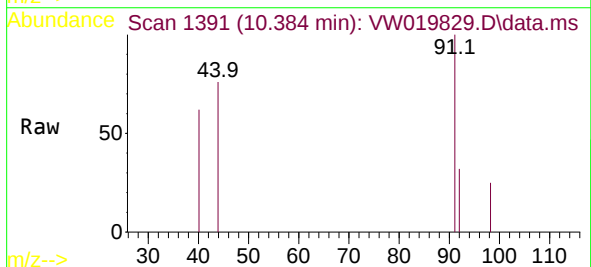
Instrument :
MSVOA_W
ClientSampled :

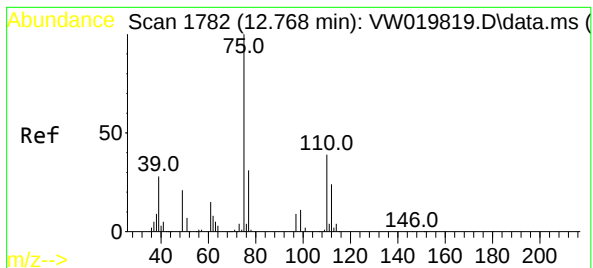
Tgt Ion: 75 Resp: 150
Ion Ratio Lower Upper
75 100
77 0.0 22.6 42.0#



#42
Toluene
Concen: 0.368 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019829.D
Acq: 20 Aug 2021 13:21

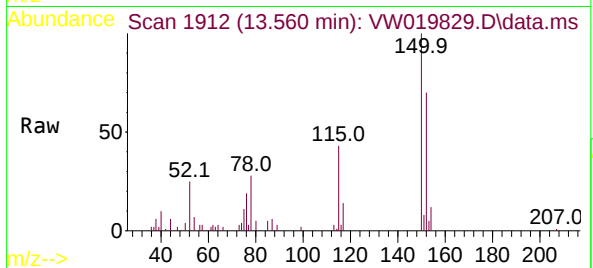
Tgt Ion: 91 Resp: 408
Ion Ratio Lower Upper
91 100
92 32.2 39.5 73.3#





#61
 1,2,3-Trichloropropane
 Concen: 7.134 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW019829.D
 Acq: 20 Aug 2021 13:21

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	755
Ion	Ratio	Lower	Upper
75	100		
77	26.2	25.3	37.9
110	0.0	32.6	48.8#

