

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017866.D
 Acq On : 13 Jan 2021 22:34
 Operator : SY/VA
 Sample : M1099-03RE
 Misc : 4.00G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C03RE

Manual Integrations
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 1/15/2021 4:07:20 PM

Quant Time: Jan 14 15:53:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	76080	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	69001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33534	28.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.96%
7) Chloroethane-d5	2.89	69	27006	27.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.20%
10) 1,1-Dichloroethene-d2	4.01	63	43279	21.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.40%
20) 2-Butanone-d5	7.08	46	10794	56.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.16%
24) Chloroform-d	7.65	84	53878	27.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	8.30	65	31495	30.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.44%
29) Benzene-d6	8.27	84	104460	26.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.52%
33) 1,2-Dichloropropane-d6	9.27	67	30661	28.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.48%
37) Toluene-d8	10.32	98	89999	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	8816	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.84%
39) 2-Hexanone-d5	10.93	63	6669	49.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	21073	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	22140	25.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.32%

Target Compounds

				Ovalue
13) Acetone	4.12	43	3053m	18.531 ug/L
14) Carbon disulfide	4.37	76	5690	2.032 ug/L 96
16) Methylene chloride	4.93	84	2651	2.437 ug/L 77
35) Trichloroethene	9.10	95	1472	1.348 ug/L 94
47) Tetrachloroethene	10.87	164	3284m	3.846 ug/L
63) 1,3-Dichlorobenzene	13.50	146	2264	1.461 ug/L 91
64) 1,4-Dichlorobenzene	13.58	146	1957	1.257 ug/L 86

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

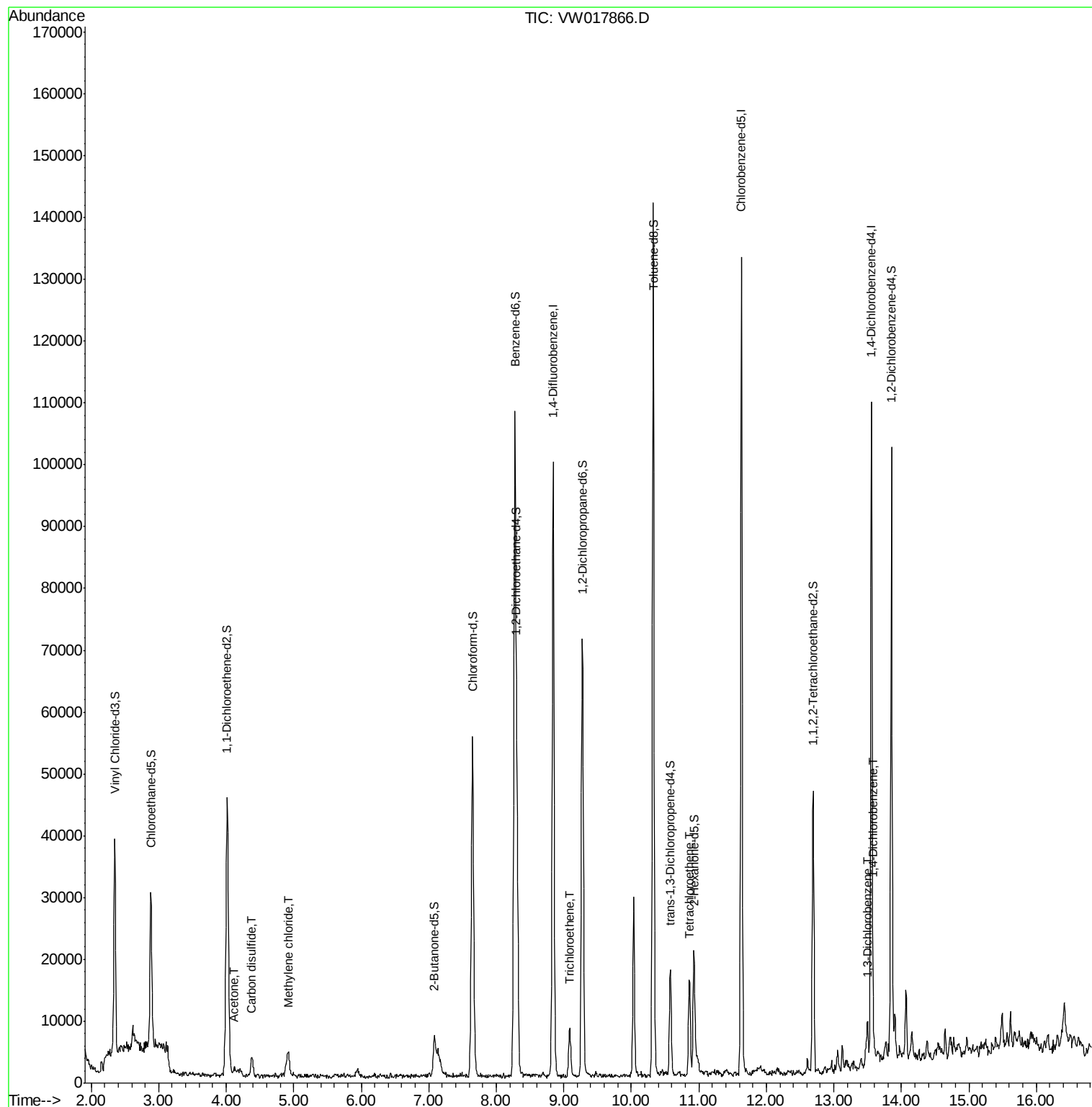
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
Data File : VW017866.D
Acq On : 13 Jan 2021 22:34
Operator : SY/VA
Sample : M1099-03RE
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ALS Vial : 23 Sample Multiplier: 1

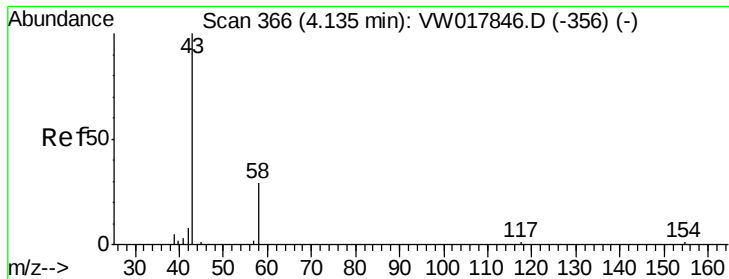
Instrument :
MSVOA_W
ClientSampleId :
F1C03RE

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Quant Time: Jan 14 15:53:31 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#13

Acetone

Concen: 18.531 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW017866.D

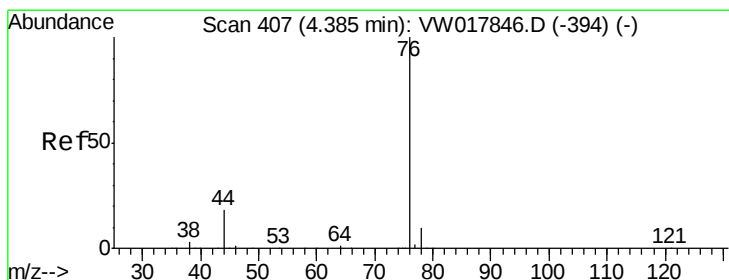
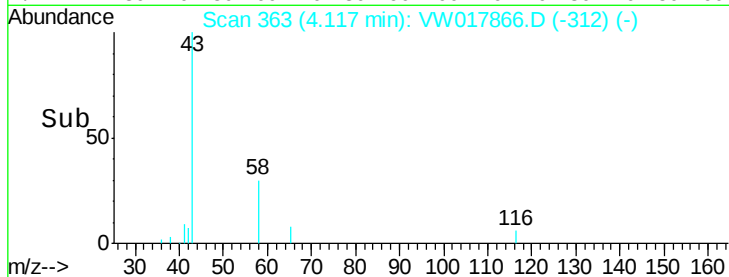
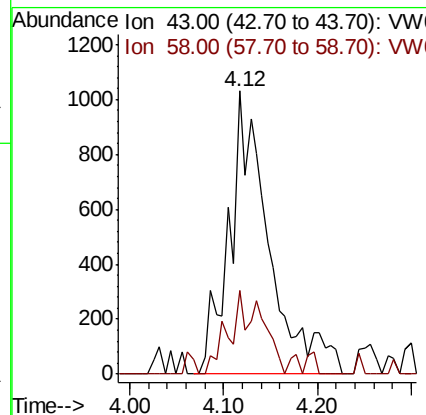
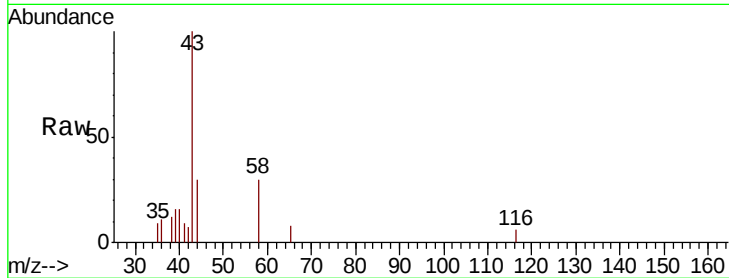
Acq: 13 Jan 2021 22:34

Tot Ion	Ratio	Lower	Upper
43	100		
58	5.6	0.0	60.8

Instrument :
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#14

Carbon disulfide

Concen: 2.032 ug/L

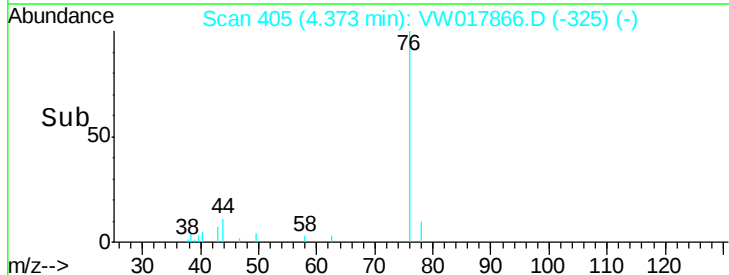
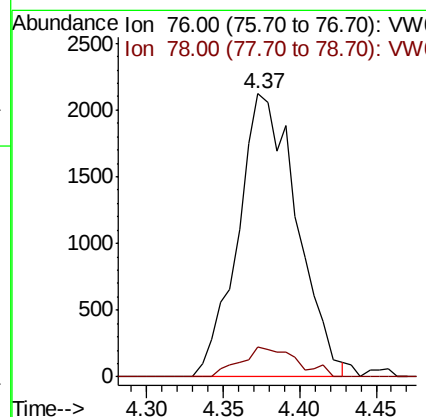
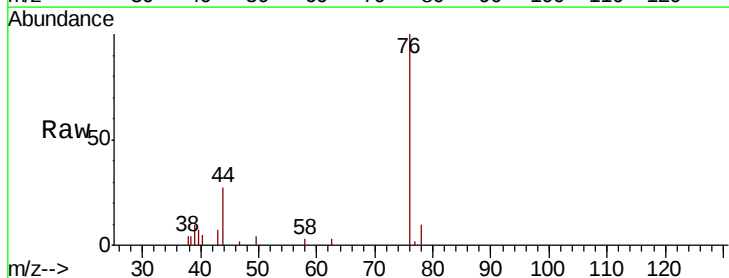
RT: 4.37 min Scan# 405

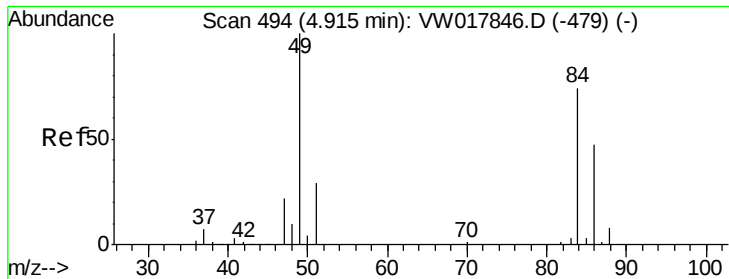
Delta R.T. -0.01 min

Lab File: VW017866.D

Acq: 13 Jan 2021 22:34

Tgt Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.1	10.7





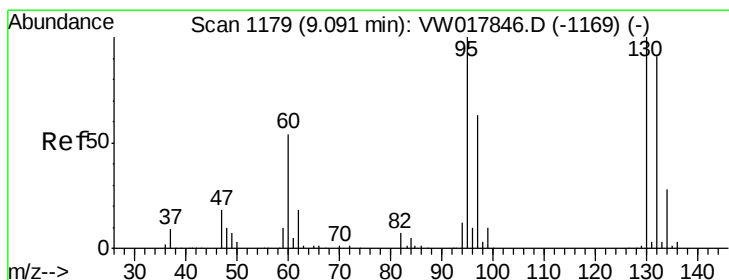
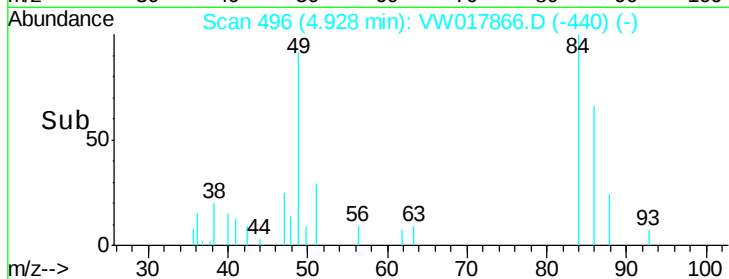
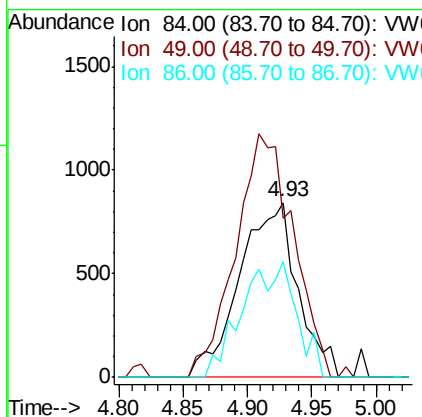
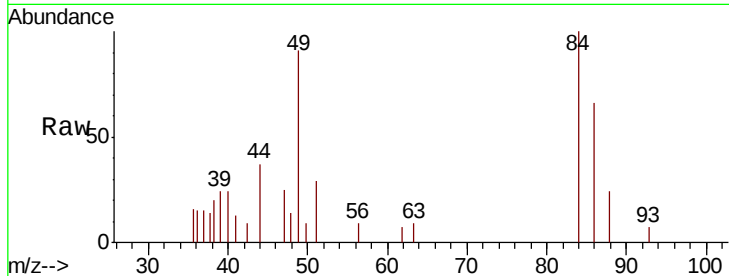
#16
Methvlene chloride
Concen: 2.437 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017866.D
Acq: 13 Jan 2021 22:34

Instrument :
MSVOA_W
ClientSampleId :
F1C03RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	91.2	90.5	168.1
86	66.2	44.8	83.2

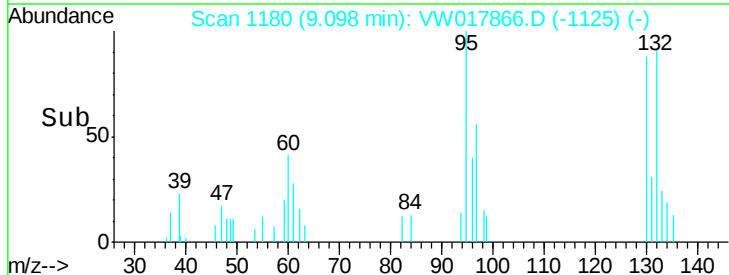
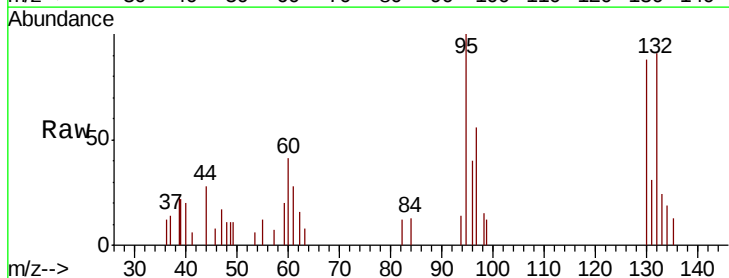
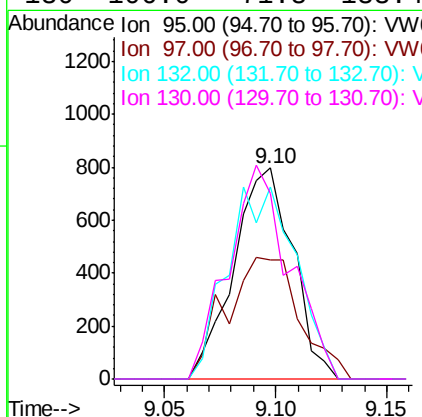
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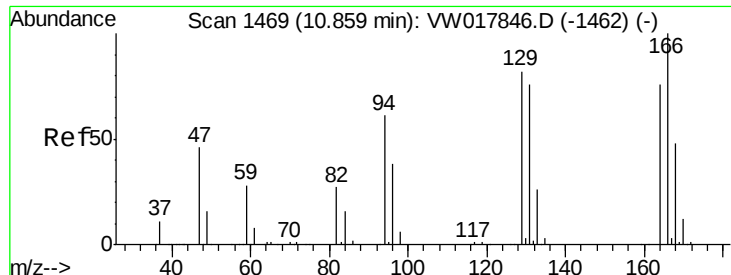
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#35
Trichloroethene
Concen: 1.348 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW017866.D
Acq: 13 Jan 2021 22:34

Tgt Ion	Ratio	Lower	Upper
95	100		
97	72.1	46.8	87.0
132	105.8	68.3	126.9
130	106.0	71.8	133.4





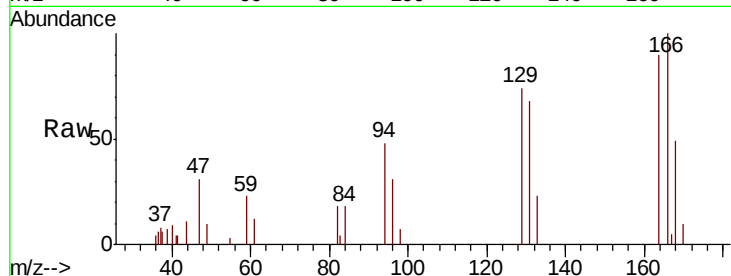
#47
Tetrachloroethene
Concen: 3.846 ug/L m
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW017866.D
Acq: 13 Jan 2021 22:34

Instrument :
MSVOA_W
ClientSampleId :
F1C03RE

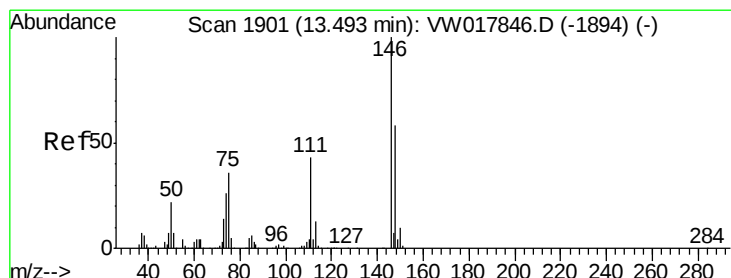
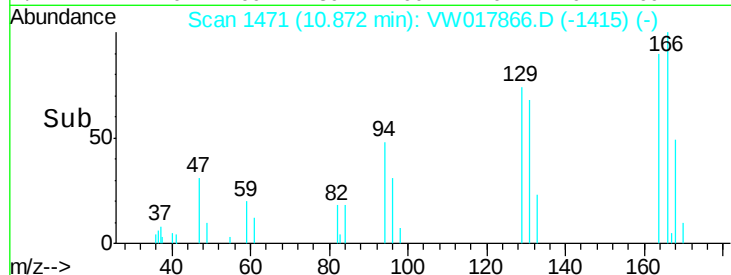
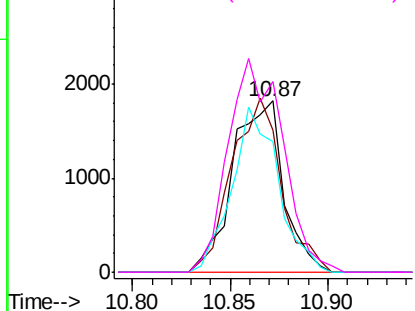
Tot Ion	164	Resp	3284
Ion	Ratio	Lower	Upper
164	100		
129	82.8	62.9	116.9
131	76.3	63.8	118.6
166	111.6	87.4	162.2

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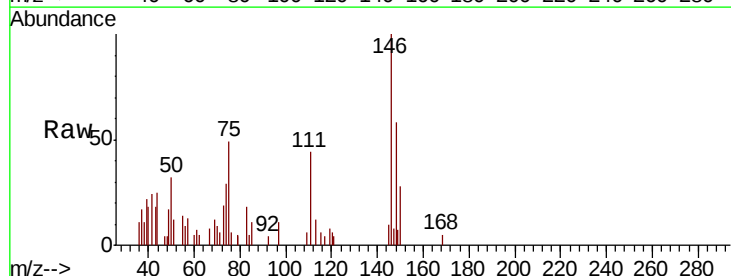


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

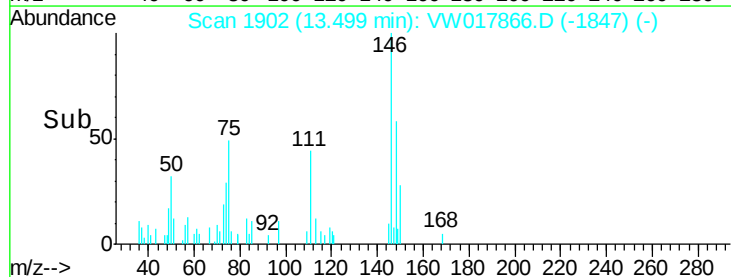
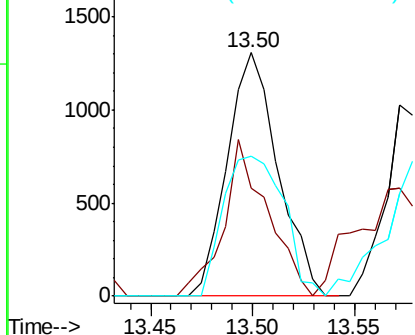


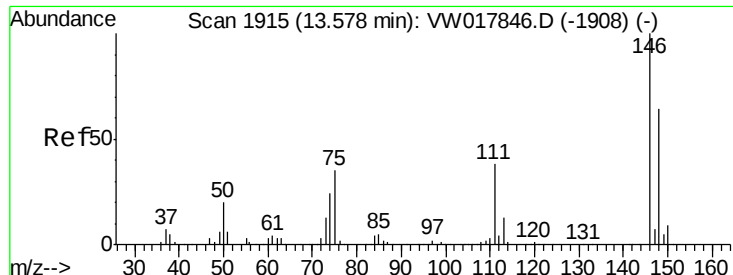
#63
1,3-Dichlorobenzene
Concen: 1.461 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.01 min
Lab File: VW017866.D
Acq: 13 Jan 2021 22:34

Tgt Ion	146	Resp	2264
Ion	Ratio	Lower	Upper
146	100		
111	44.1	29.5	54.7
148	57.6	47.7	88.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





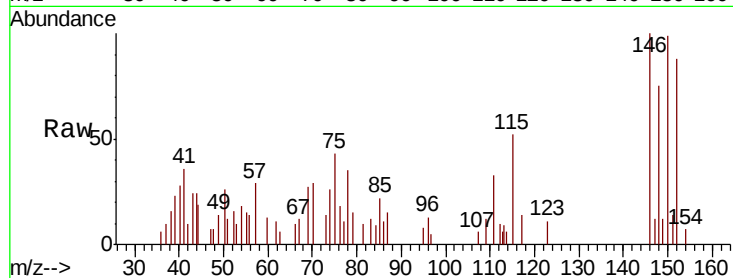
#64
 1,4-Dichlorobenzene
 Concen: 1.257 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW017866.D
 Acq: 13 Jan 2021 22:34

Instrument :
 MSVOA_W
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Tot Ion:	146	Resp:	1957
Ion Ratio	Lower	Upper	
146	100		
111	32.6	27.7	51.5
148	75.3	44.2	82.2

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Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

