

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018435.D
 Acq On : 24 Sep 2020 18:14
 Operator : SY/MD
 Sample : L4108-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:47:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	411318	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	399555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137157	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.84%
7) Chloroethane-d5	1.58	69	109319	39.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.70%
11) 1,1-Dichloroethene-d2	2.12	63	187075	30.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.84%
21) 2-Butanone-d5	3.92	46	159334	77.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.66%
24) Chloroform-d	4.38	84	220613	37.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.86%
26) 1,2-Dichloroethane-d4	5.06	65	144308	38.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.42%
32) Benzene-d6	5.08	84	469222	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
36) 1,2-Dichloropropane-d6	6.09	67	146291	40.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.50%
41) Toluene-d8	7.34	98	425676	40.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.68%
43) trans-1,3-Dichloropropene-	7.64	79	73342	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.42%
47) 2-Hexanone-d5	8.11	63	100519	73.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172850	37.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	178945	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%

Target Compounds

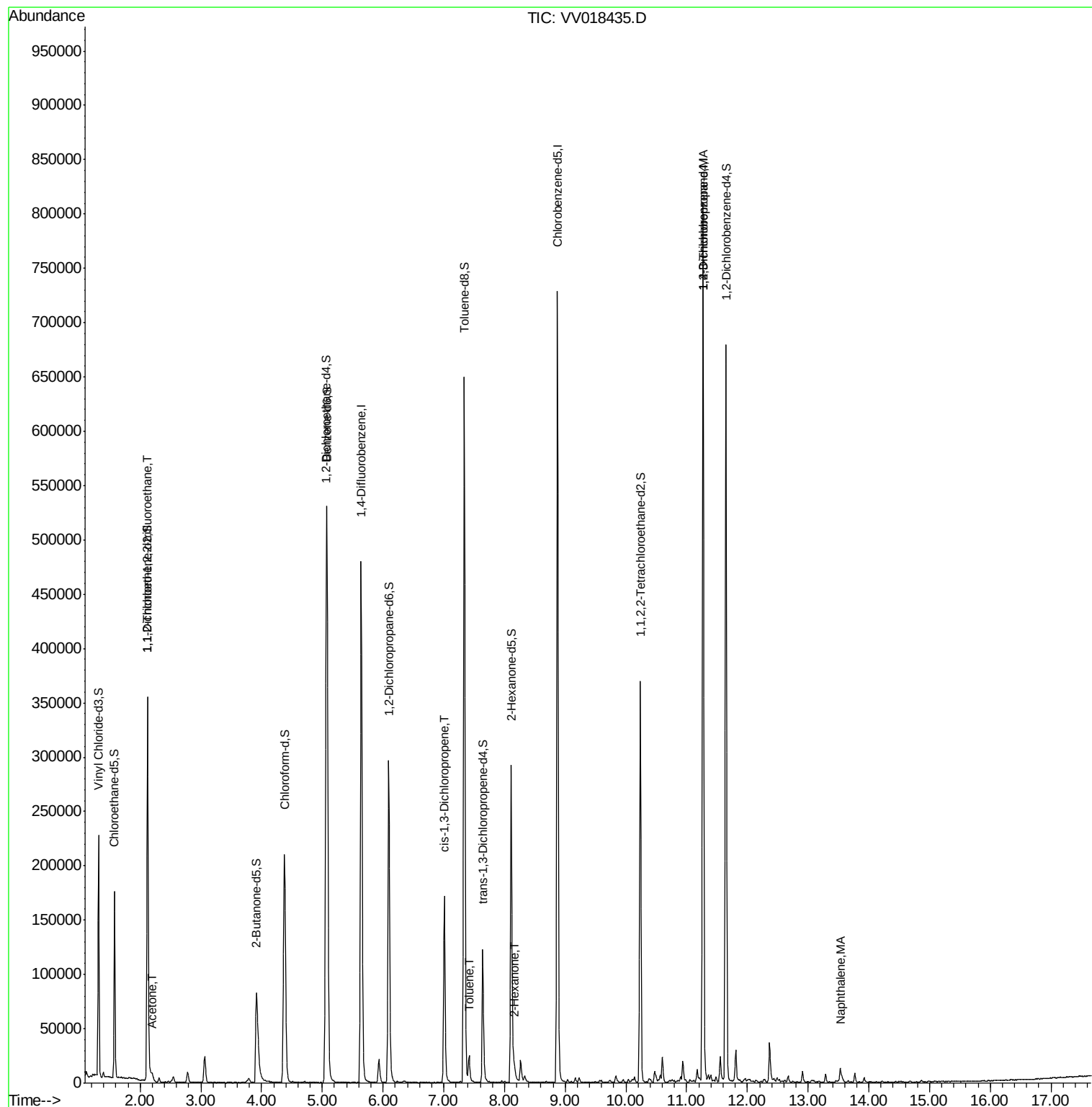
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2178	0.785 ug/L #	30
13) Acetone	2.20	43	9124	5.553 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	3871	0.830 ug/L #	56
42) Toluene	7.42	91	18593	1.538 ug/L	100
48) 2-Hexanone	8.17	43	7205	2.489 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	23705	6.658 ug/L	95
69) Naphthalene	13.53	128	10362	0.942 ug/L	99

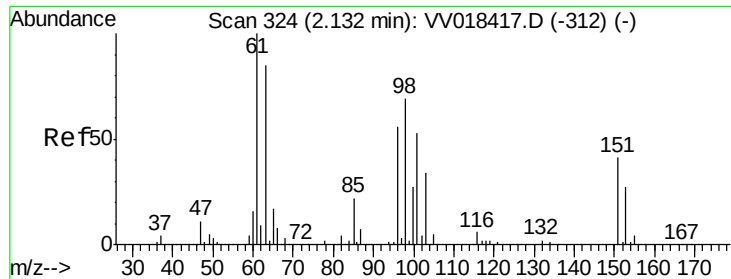
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.785 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018435.D

Acq: 24 Sep 2020 18:14

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MSVOA_V

ClientSampleId :

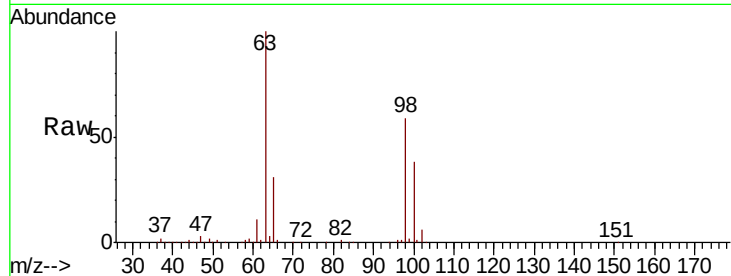
Tot Ion:101 Resp: 2178

Ion Ratio Lower Upper

101 100

85 2.9 33.5 50.3#

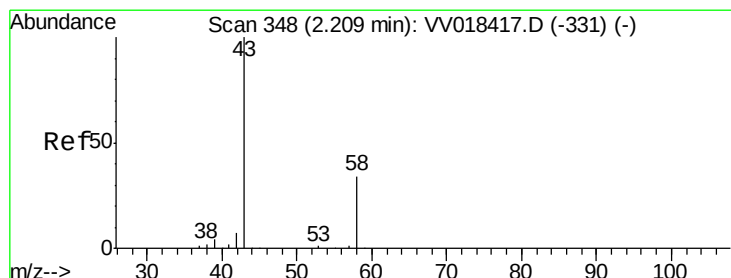
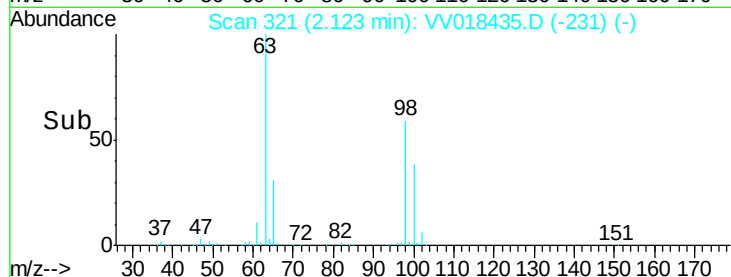
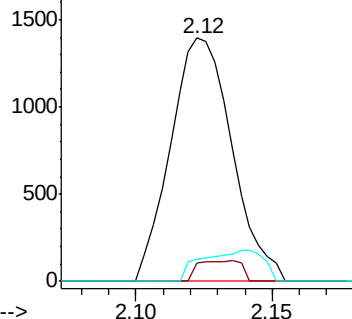
151 12.8 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.553 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV018435.D

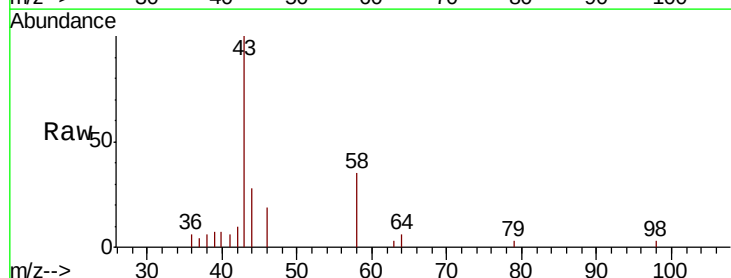
Acq: 24 Sep 2020 18:14

Tgt Ion: 43 Resp: 9124

Ion Ratio Lower Upper

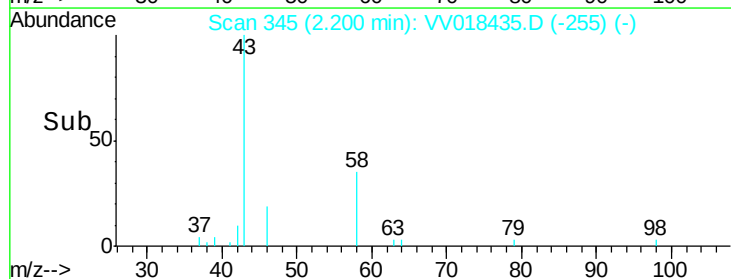
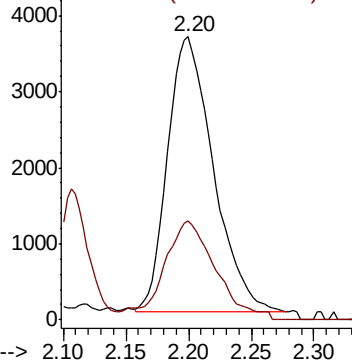
43 100

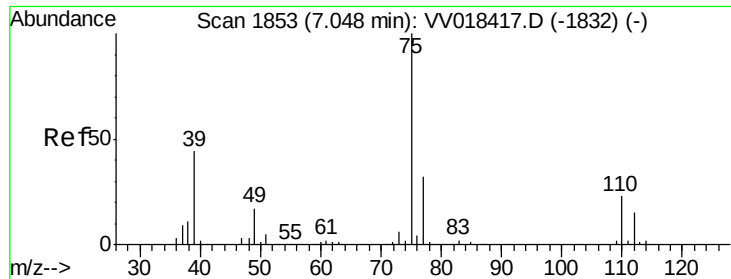
58 34.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

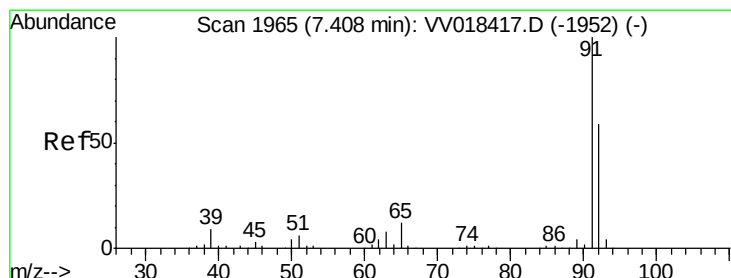
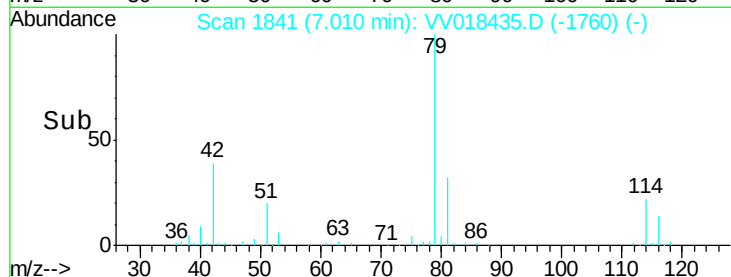
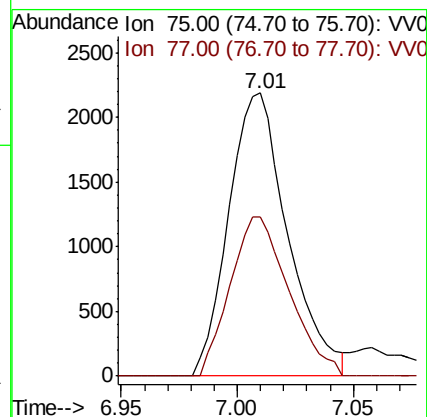
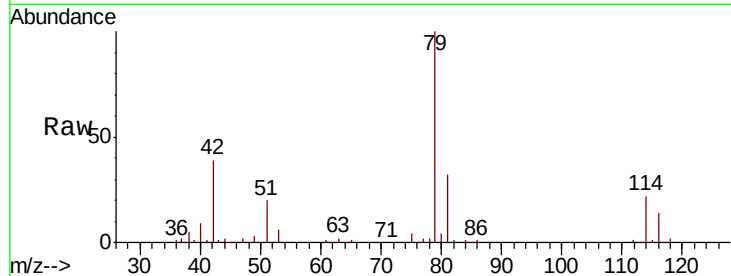




#39
 cis-1,3-Dichloropropene
 Concen: 0.830 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018435.D
 Acq: 24 Sep 2020 18:14

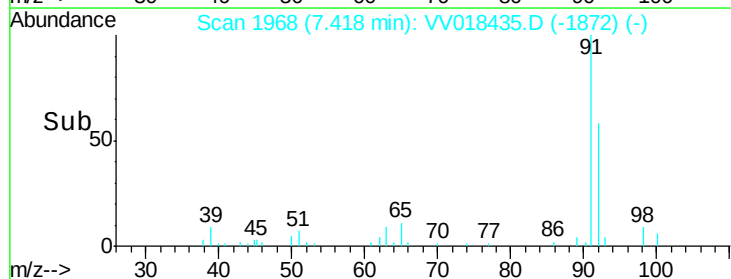
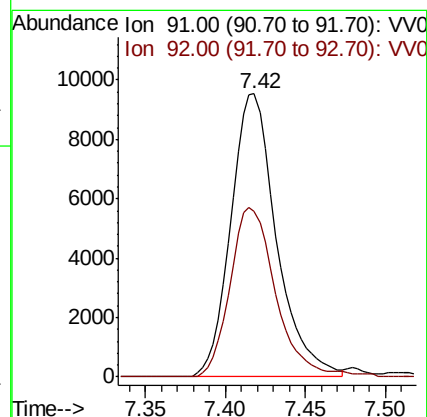
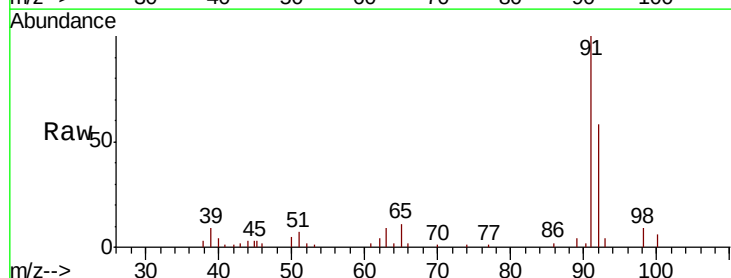
Instrument :
 MSVOA_V
 ClientSampleId :

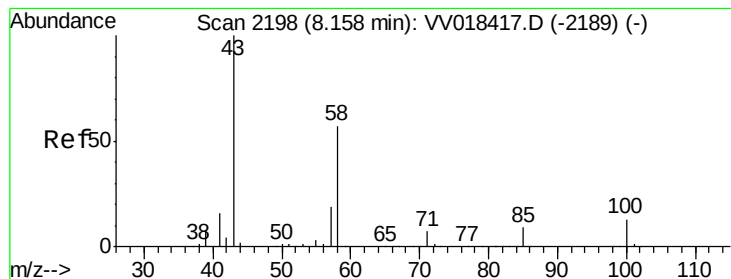
Tot Ion: 75 Resp: 3871
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.3 41.3#



#42
 Toluene
 Concen: 1.538 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV018435.D
 Acq: 24 Sep 2020 18:14

Tgt Ion: 91 Resp: 18593
 Ion Ratio Lower Upper
 91 100
 92 58.3 40.7 75.5





#48

2-Hexanone

Concen: 2.489 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018435.D

Acq: 24 Sep 2020 18:14

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7205

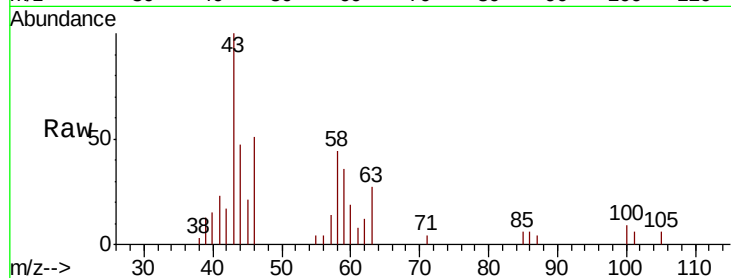
Ion Ratio Lower Upper

43 100

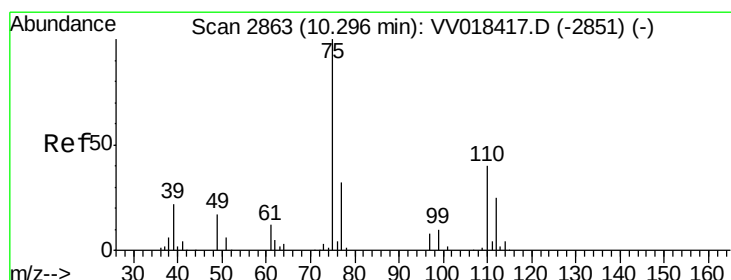
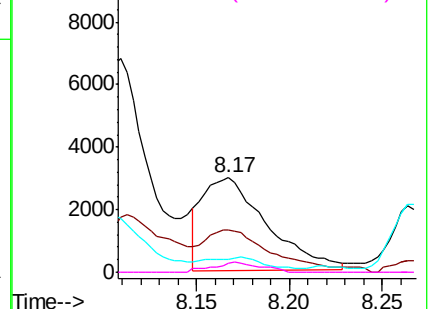
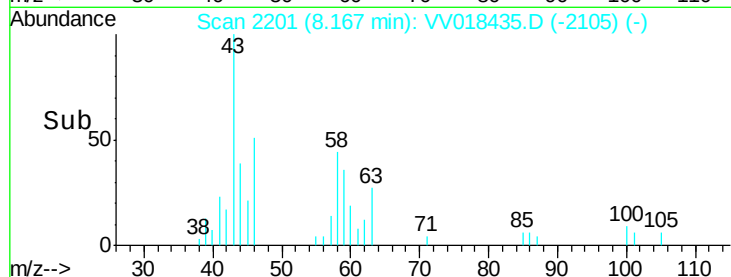
58 39.8 44.8 67.2#

57 0.7 15.8 23.6#

100 7.4 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018435.D (-2105) (-)



#59

1,2,3-Trichloropropane

Concen: 6.658 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018435.D

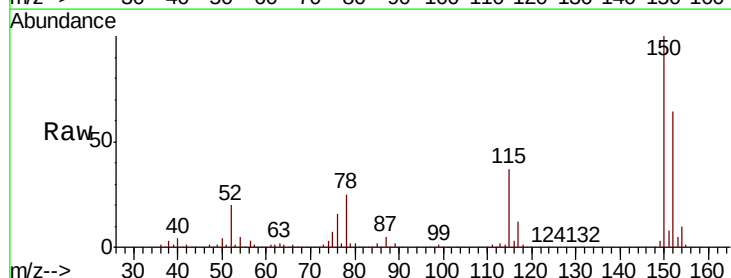
Acq: 24 Sep 2020 18:14

Tgt Ion: 75 Resp: 23705

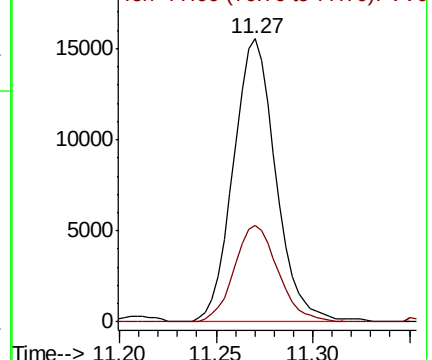
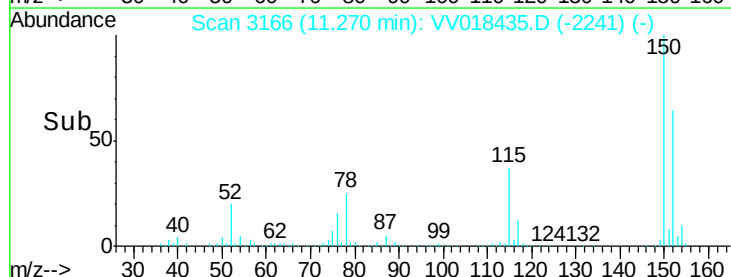
Ion Ratio Lower Upper

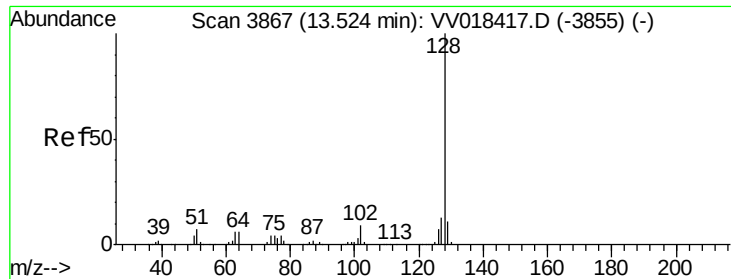
75 100

77 35.1 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018435.D (-2241) (-)





#69

Naphthalene

Concen: 0.942 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

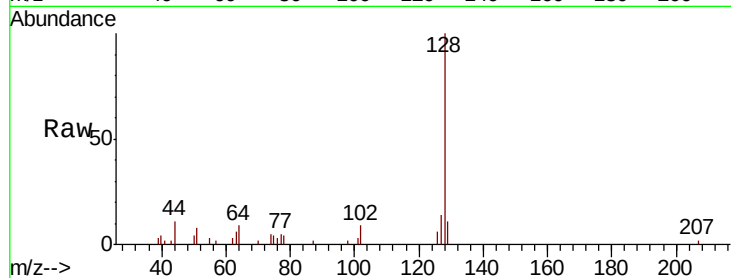
Lab File: VV018435.D

Acq: 24 Sep 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 10362

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.2 8.6 13.0

