

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018452.D
 Acq On : 25 Sep 2020 13:59
 Operator : SY/MD
 Sample : L4110-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL5

Quant Time: Sep 25 23:45:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	369848	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356728	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139050	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.26%
7) Chloroethane-d5	1.58	69	114966	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.22%
11) 1,1-Dichloroethene-d2	2.12	63	193625	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
21) 2-Butanone-d5	3.91	46	172870	93.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.70%
24) Chloroform-d	4.38	84	234778	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
26) 1,2-Dichloroethane-d4	5.06	65	152848	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
32) Benzene-d6	5.08	84	502033	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
36) 1,2-Dichloropropane-d6	6.09	67	158171	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	7.34	98	461865	49.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.26%
43) trans-1,3-Dichloropropene-	7.64	79	78391	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.08%
47) 2-Hexanone-d5	8.11	63	109034	88.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186574	45.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	193097	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%

Target Compounds

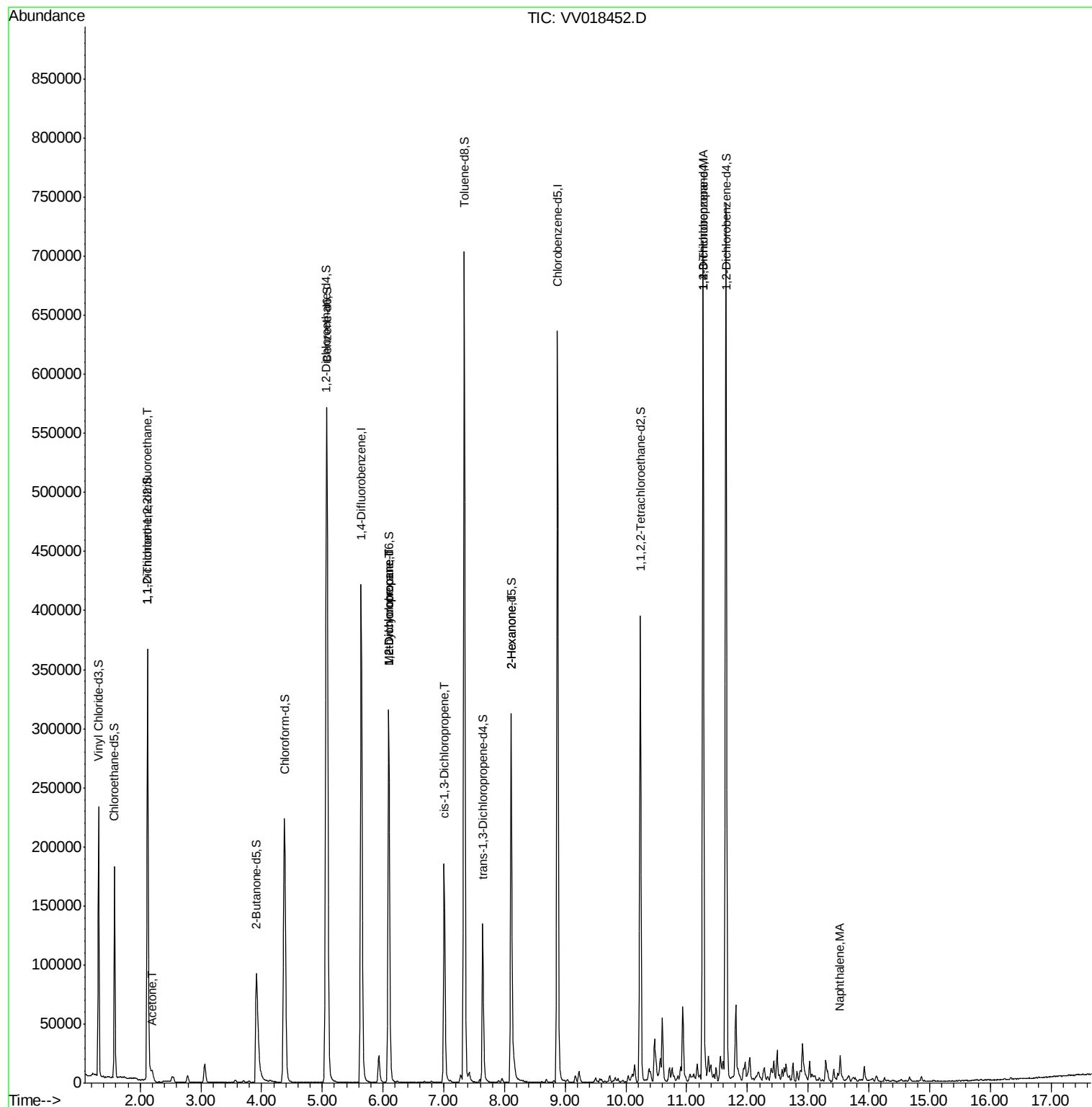
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1836	0.736 ug/L #	19
13) Acetone	2.20	43	13223	8.951 ug/L	99
35) Methylcyclohexane	6.09	83	37212	8.895 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	16310	6.035 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	4399	1.056 ug/L #	67
48) 2-Hexanone	8.11	43	13062	5.053 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	20641	6.493 ug/L	90
69) Naphthalene	13.53	128	16408	1.676 ug/L	98

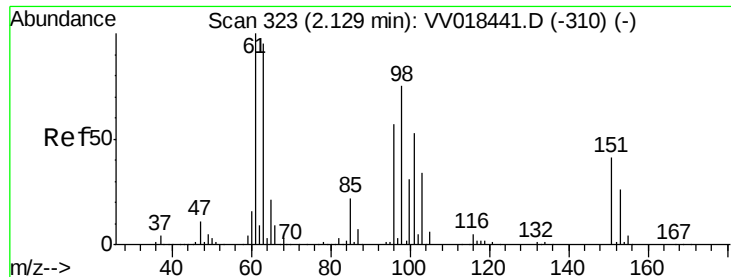
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration





#10

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

Concen: 0.736 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018452.D

Acq: 25 Sep 2020 13:59

Instrument :

MSVOA_V

ClientSampleId :

C0AL5

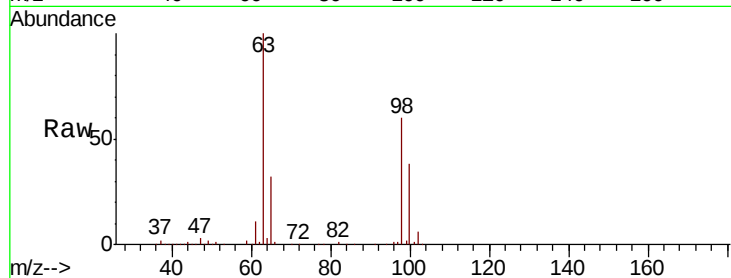
Tot Ion:101 Resp: 1836

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

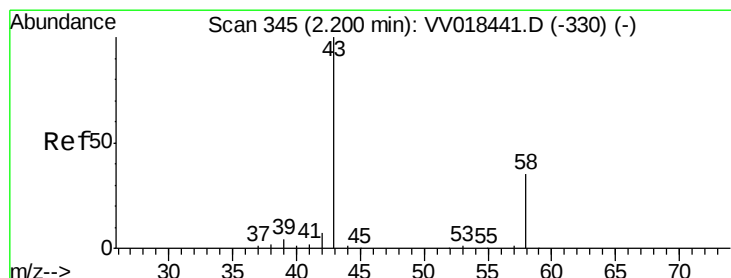
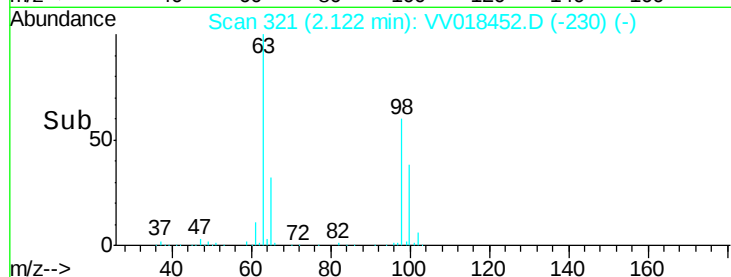
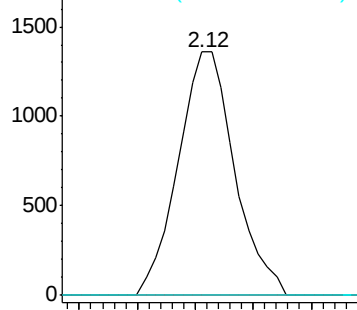
151 0.0 62.2 93.2#



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: 8.951 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV018452.D

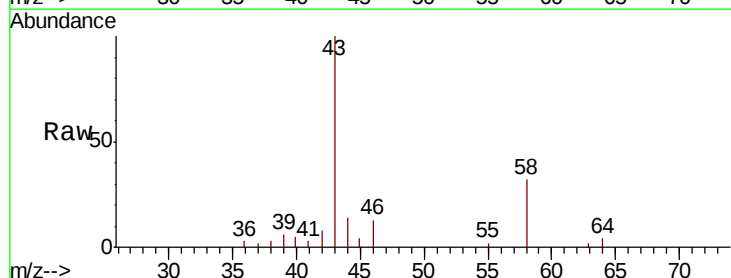
Acq: 25 Sep 2020 13:59

Tgt Ion: 43 Resp: 13223

Ion Ratio Lower Upper

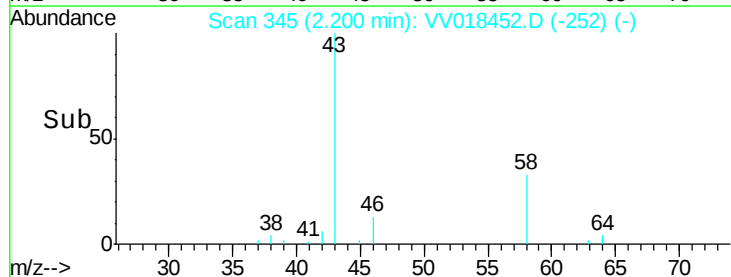
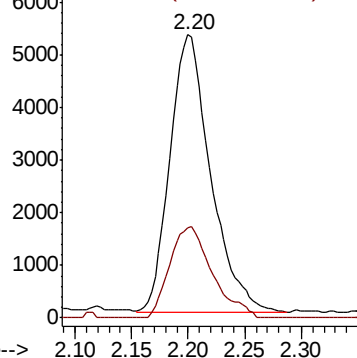
43 100

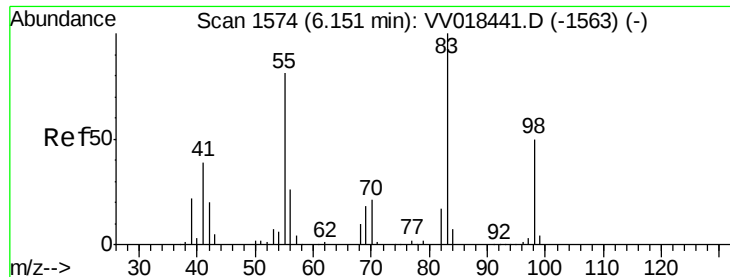
58 34.3 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

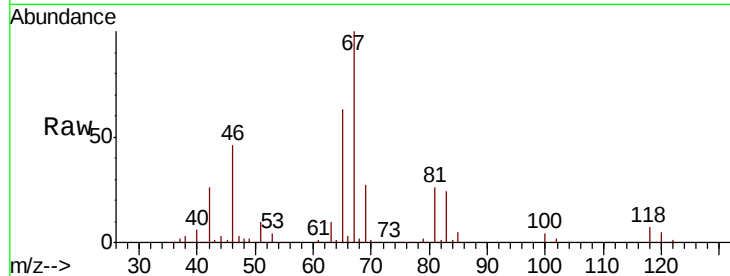




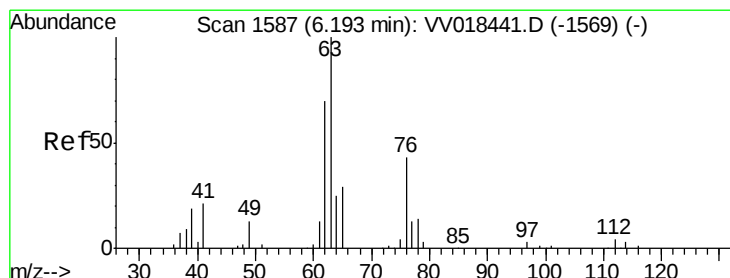
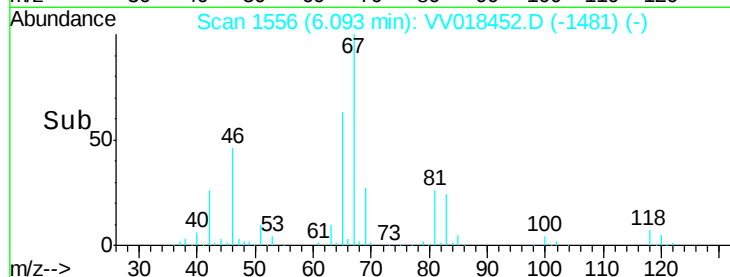
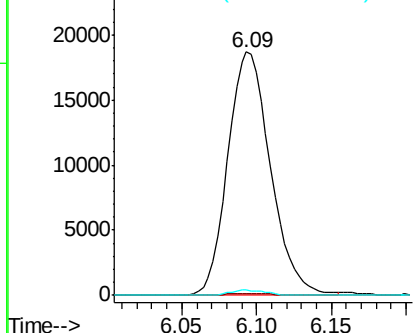
#35
Methvlcvclohexane
Concen: 8.895 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018452.D
Acq: 25 Sep 2020 13:59

Instrument :
MSVOA_V
ClientSampleId :
C0AL5

Tot Ion: 83 Resp: 37212
Ion Ratio Lower Upper
83 100
55 0.5 63.4 95.2#
98 1.7 38.8 58.2#

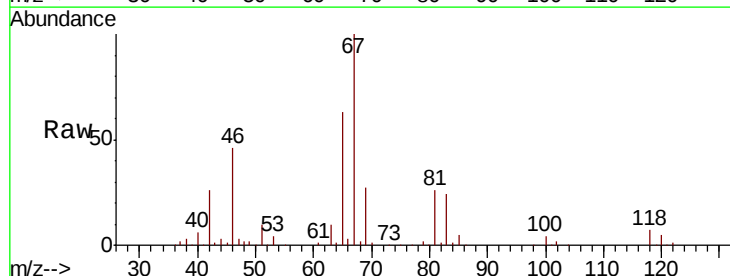


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

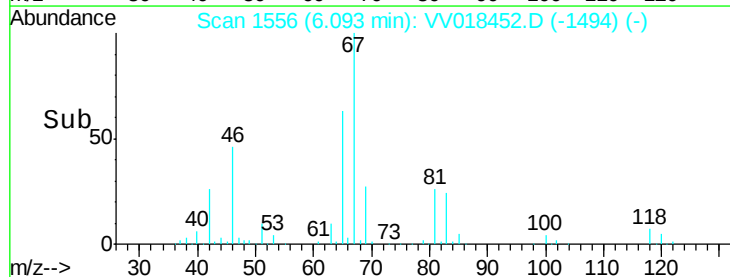
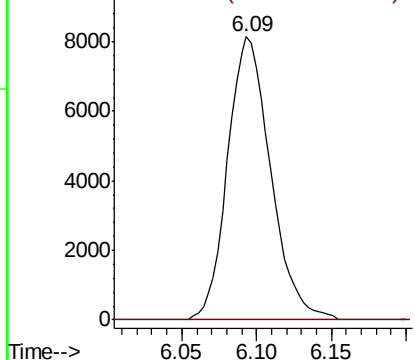


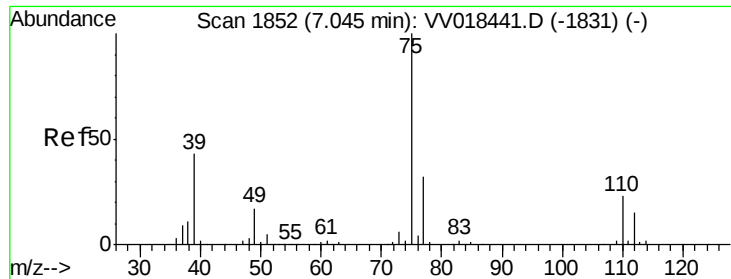
#37
1,2-Dichloropropane
Concen: 6.035 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018452.D
Acq: 25 Sep 2020 13:59

Tgt Ion: 63 Resp: 16310
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

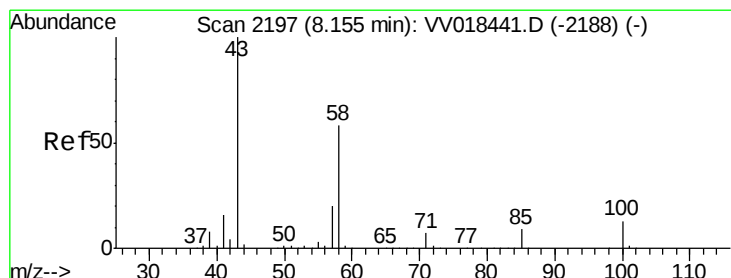
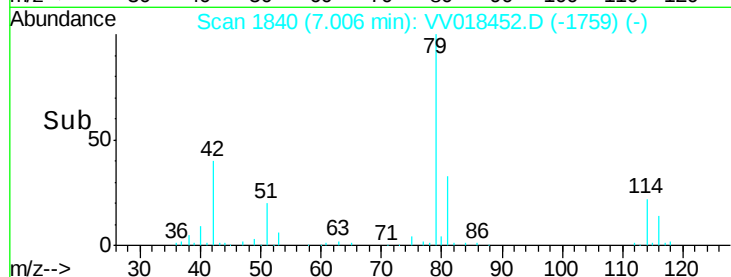
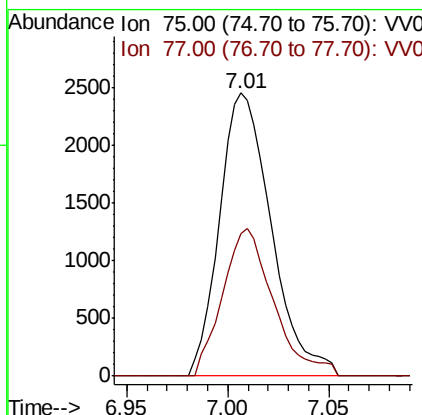
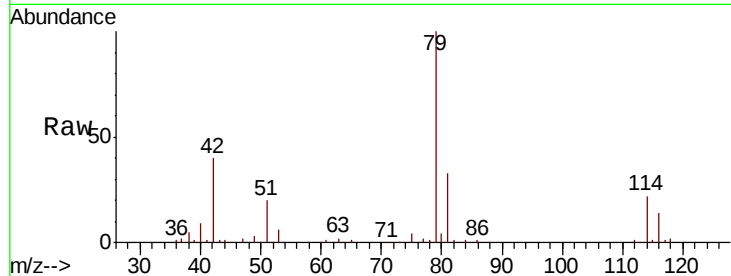




#39
 cis-1,3-Dichloropropene
 Concen: 1.056 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018452.D
 Acq: 25 Sep 2020 13:59

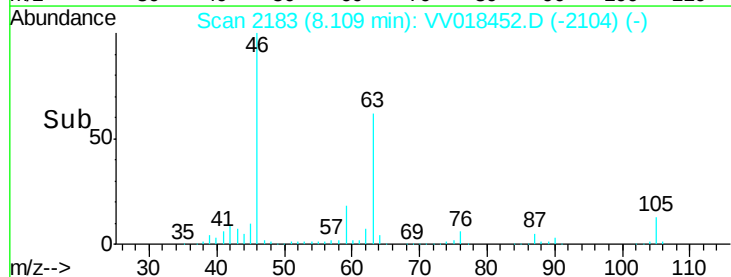
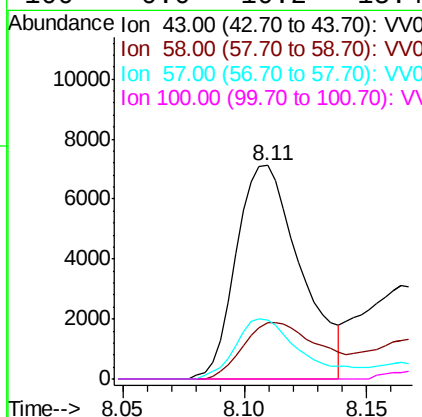
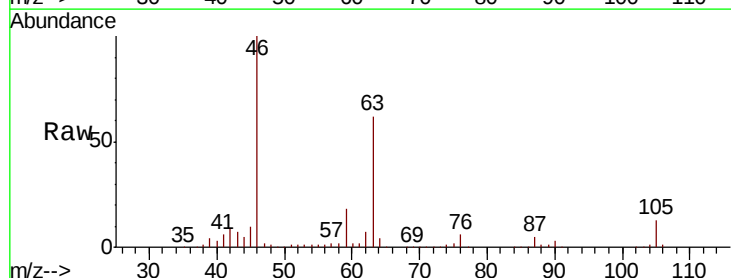
Instrument :
 MSVOA_V
 ClientSampled :
 C0AL5

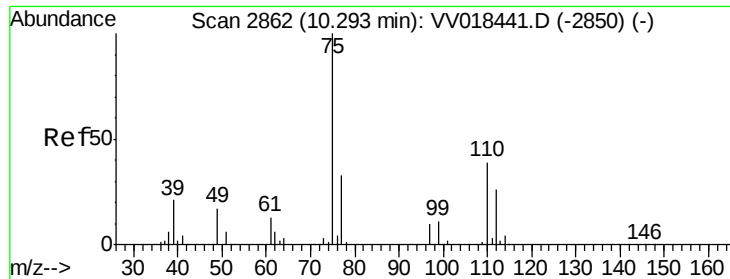
Tot Ion: 75 Resp: 4399
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.053 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018452.D
 Acq: 25 Sep 2020 13:59

Tgt Ion: 43 Resp: 13062
 Ion Ratio Lower Upper
 43 100
 58 31.2 44.8 67.2#
 57 27.2 15.8 23.6#
 100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.493 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018452.D

Acq: 25 Sep 2020 13:59

Instrument :

MSVOA_V

ClientSampleID :

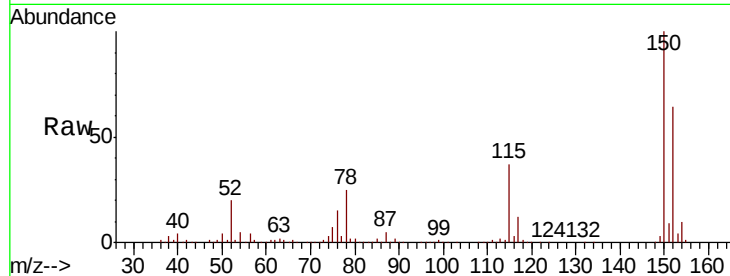
C0AL5

Tot Ion: 75 Resp: 20641

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018441.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018441.D (-2850) (-)

11.27

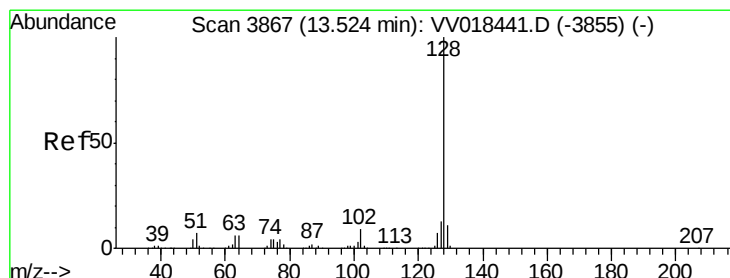
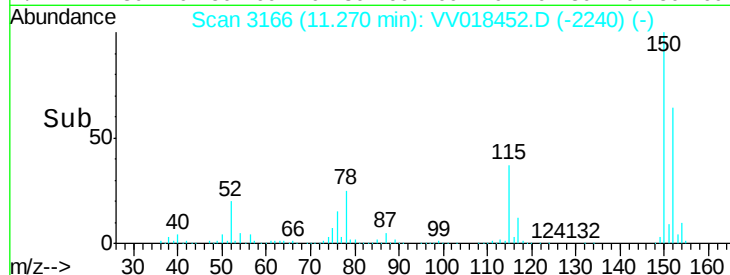
15000

10000

5000

0

Time--> 11.20 11.25 11.30



#69

Naphthalene

Concen: 1.676 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018452.D

Acq: 25 Sep 2020 13:59

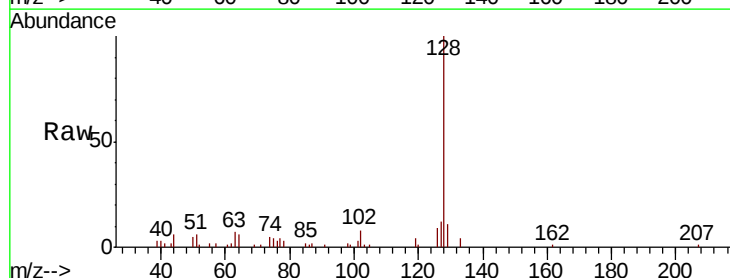
Tgt Ion: 128 Resp: 16408

Ion Ratio Lower Upper

128 100

127 11.7 10.6 15.8

129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VV018441.D (-3855) (-)

Ion 127.00 (126.70 to 127.70): VV018441.D (-3855) (-)

Ion 129.00 (128.70 to 129.70): VV018441.D (-3855) (-)

13.53

12000

10000

8000

6000

4000

2000

0

Time--> 13.45 13.50 13.55 13.60

