

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018433.D
 Acq On : 24 Sep 2020 16:44
 Operator : SY/MD
 Sample : L4108-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:47:02 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	428694	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	410083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	218862	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134930	38.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.24%
7) Chloroethane-d5	1.58	69	106187	37.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.28%
11) 1,1-Dichloroethene-d2	2.12	63	187799	29.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.60%#
21) 2-Butanone-d5	3.91	46	160588	75.10	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.10%
24) Chloroform-d	4.38	84	220419	36.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.72%
26) 1,2-Dichloroethane-d4	5.06	65	144537	37.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.40%
32) Benzene-d6	5.08	84	477026	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
36) 1,2-Dichloropropane-d6	6.09	67	148226	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.48%
41) Toluene-d8	7.34	98	440079	41.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.26%
43) trans-1,3-Dichloropropene-	7.64	79	73676	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
47) 2-Hexanone-d5	8.11	63	101821	72.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174608	37.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	183379	40.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

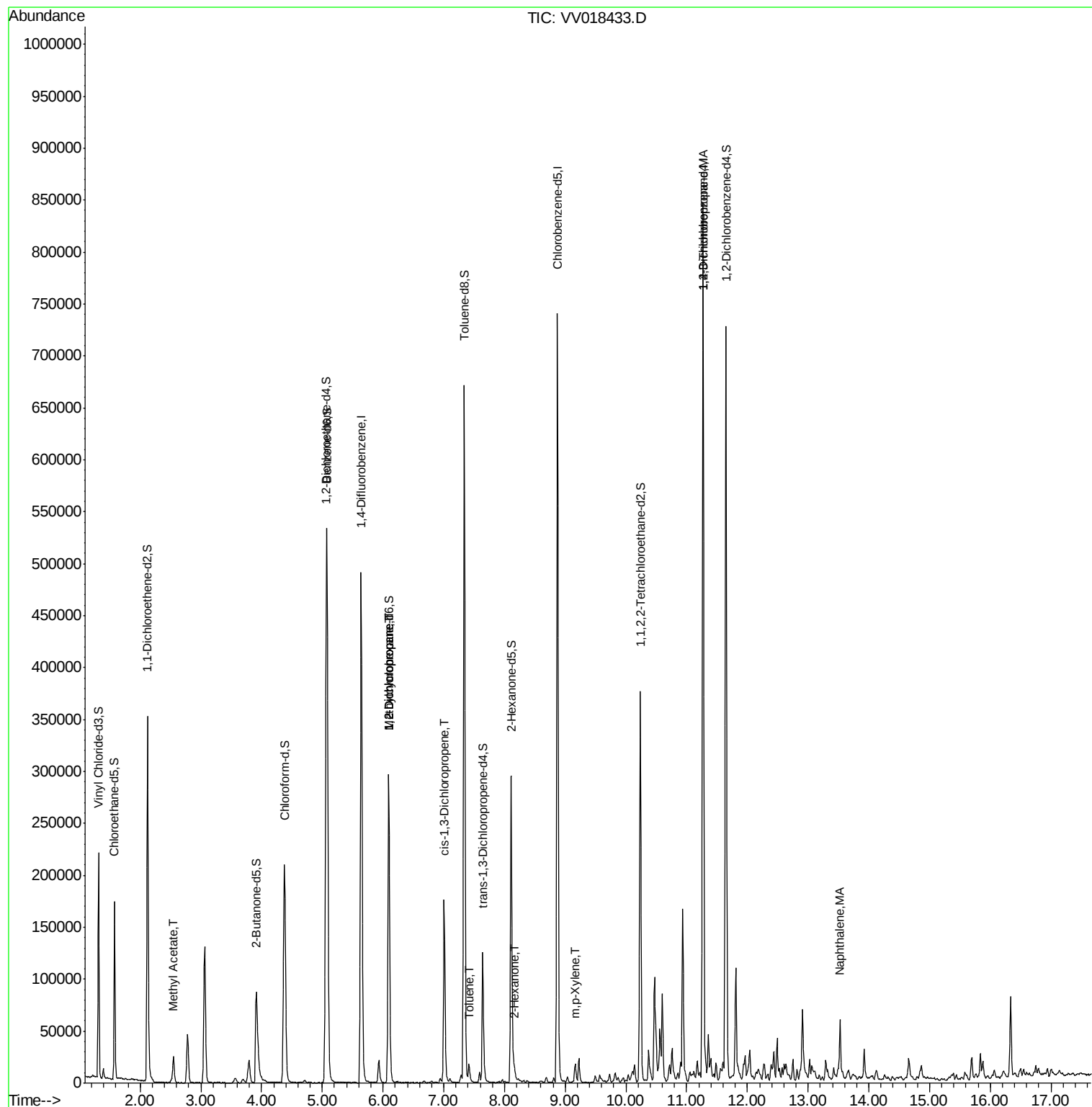
					Ovalue
15) Methyl Acetate	2.55	43	17054	5.542 ug/L #	53
35) Methylcyclohexane	6.09	83	35817	7.448 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	15596	5.020 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	4038	0.844 ug/L #	59
42) Toluene	7.41	91	13180	1.062 ug/L	100
48) 2-Hexanone	8.16	43	4827	1.624 ug/L #	44
53) m,p-Xylene	9.16	106	6002	1.187 ug/L	84
59) 1,2,3-Trichloropropane	11.27	75	23615	6.462 ug/L	89
69) Naphthalene	13.53	128	41726	3.609 ug/L	100

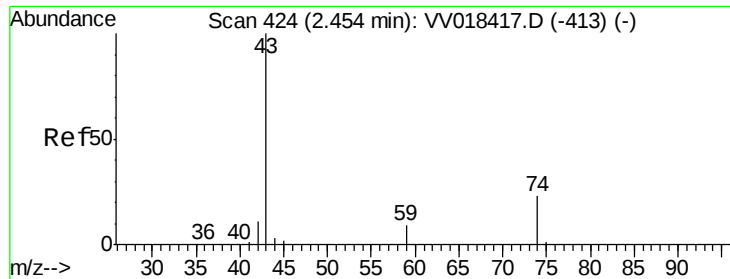
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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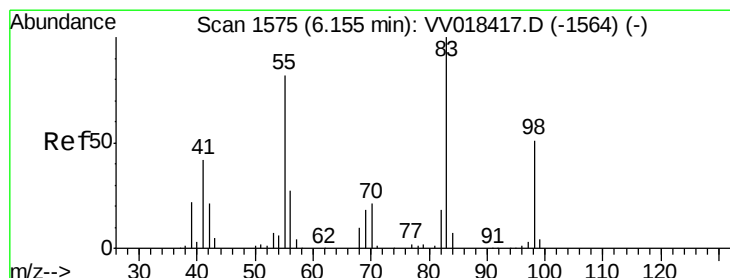
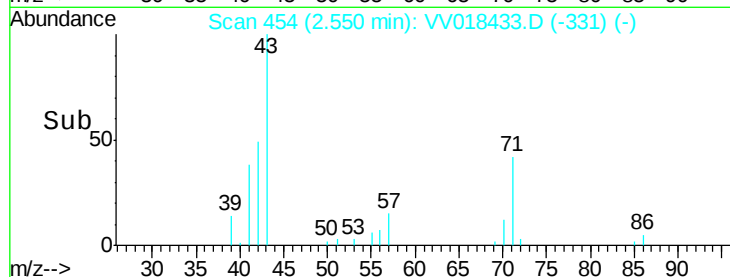
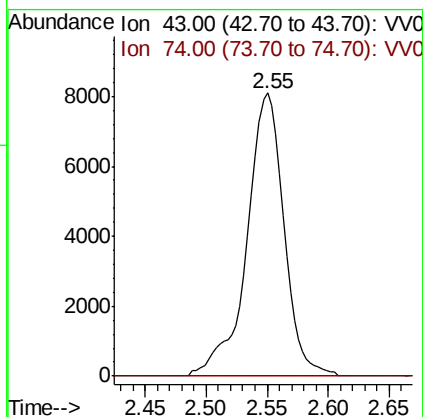
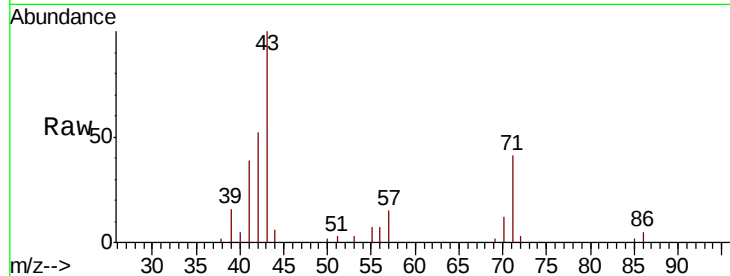




#15
Methvl Acetate
Concen: 5.542 ug/L
RT: 2.55 min Scan# 454
Delta R.T. 0.10 min
Lab File: VV018433.D
Acq: 24 Sep 2020 16:44

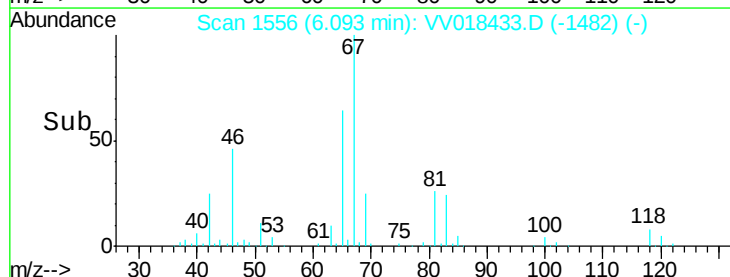
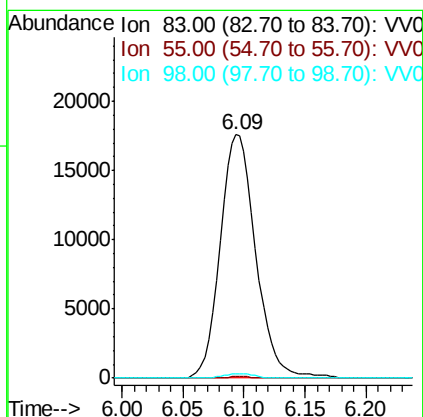
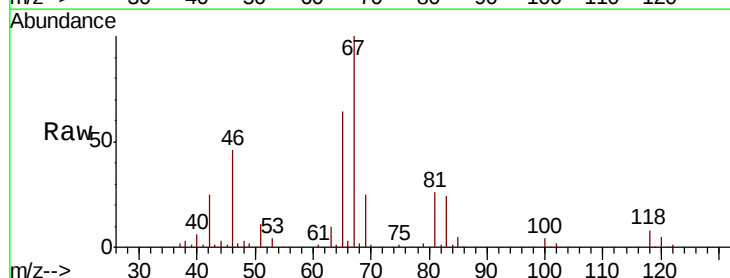
Instrument :
MSVOA_V
ClientSampleId :

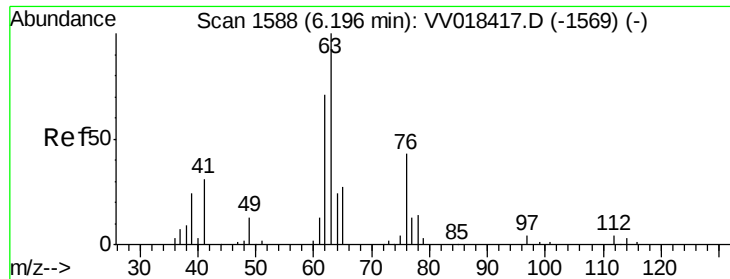
Tot Ion: 43 Resp: 17054
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#



#35
Methylcyclohexane
Concen: 7.448 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018433.D
Acq: 24 Sep 2020 16:44

Tgt Ion: 83 Resp: 35817
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.4 38.8 58.2#

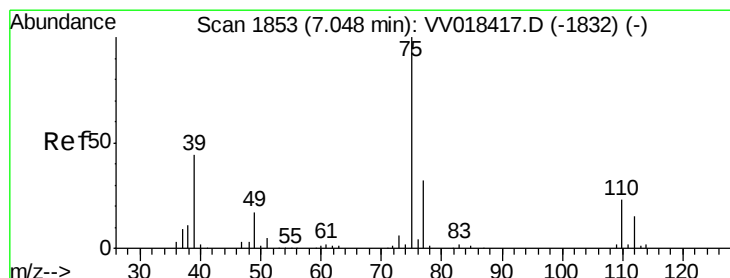
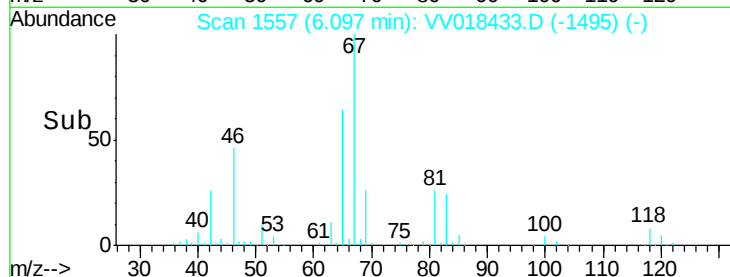
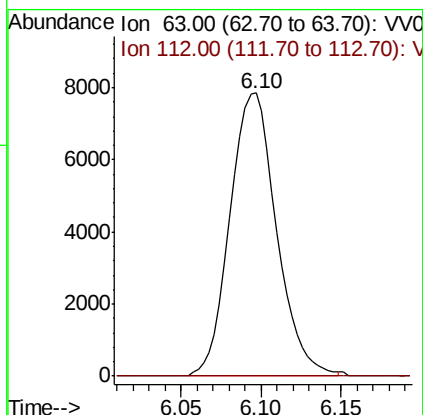
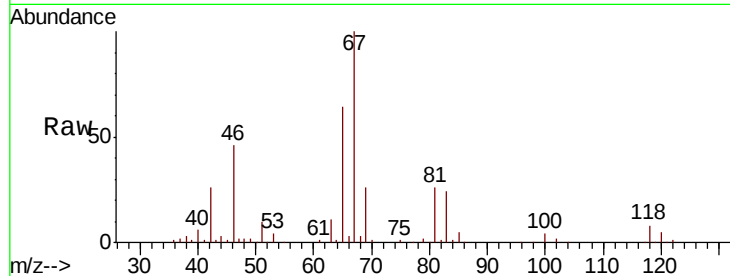




#37
 1,2-Dichloropropane
 Concen: 5.020 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018433.D
 Acq: 24 Sep 2020 16:44

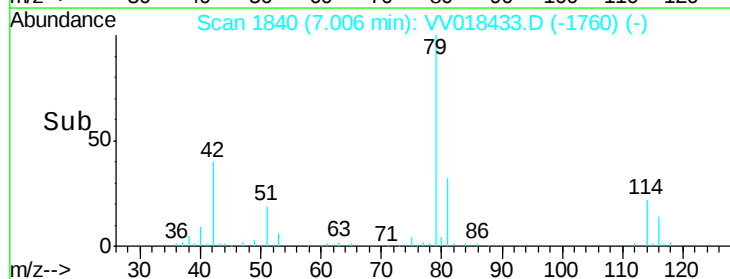
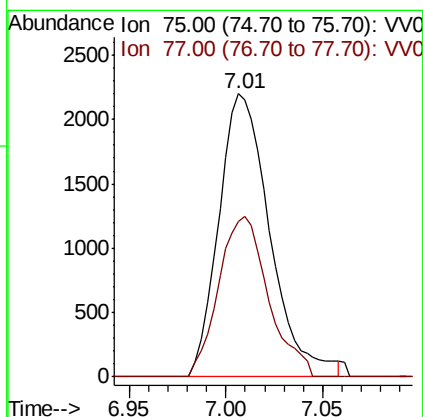
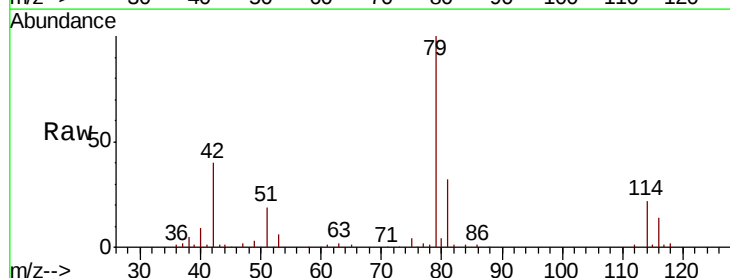
Instrument :
 MSVOA_V
 ClientSampled :

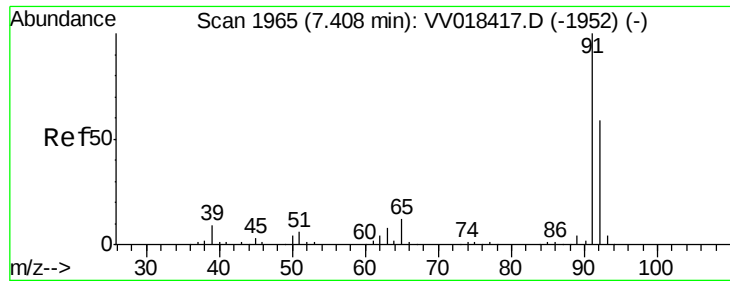
Tot Ion: 63 Resp: 15596
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.844 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018433.D
 Acq: 24 Sep 2020 16:44

Tgt Ion: 75 Resp: 4038
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.3 41.3#





#42

Toluene

Concen: 1.062 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV018433.D

Acq: 24 Sep 2020 16:44

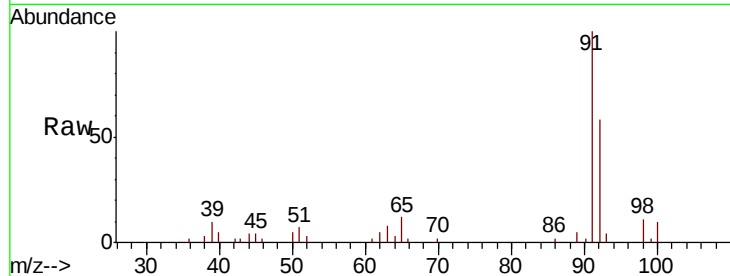
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 13180

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

6000

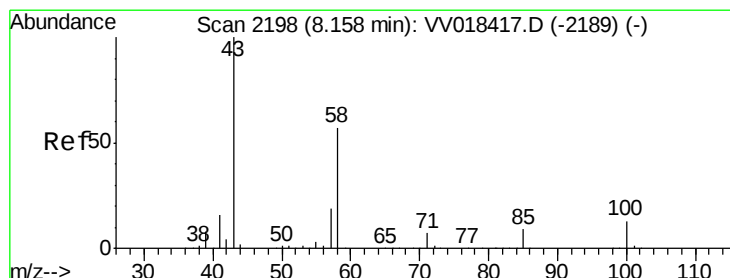
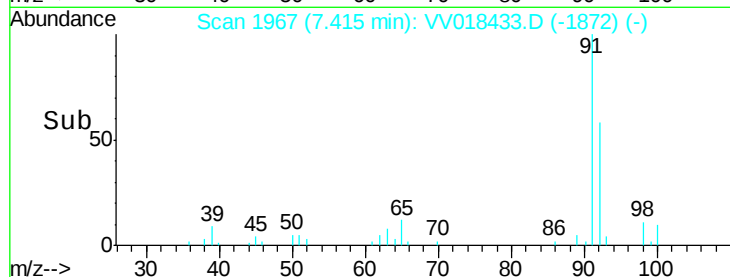
4000

2000

0

Time-->

7.35 7.40 7.45 7.50



#48

2-Hexanone

Concen: 1.624 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018433.D

Acq: 24 Sep 2020 16:44

Tgt Ion: 43 Resp: 4827

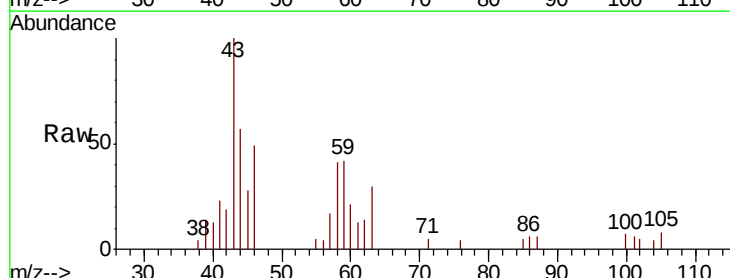
Ion Ratio Lower Upper

43 100

58 0.0 44.8 67.2#

57 12.5 15.8 23.6#

100 2.7 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

10000

8000

6000

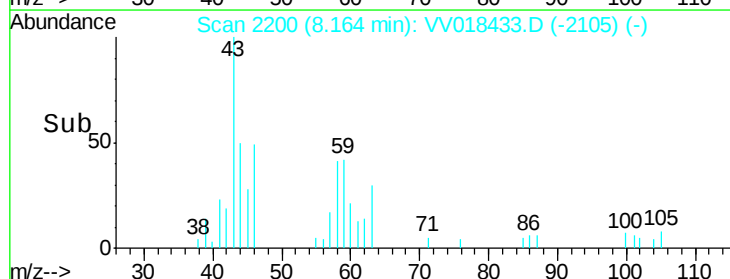
4000

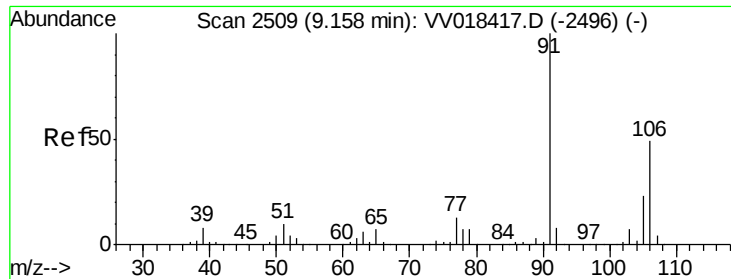
2000

0

Time-->

8.15 8.20





#53

m,p-Xylene

Concen: 1.187 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018433.D

Acq: 24 Sep 2020 16:44

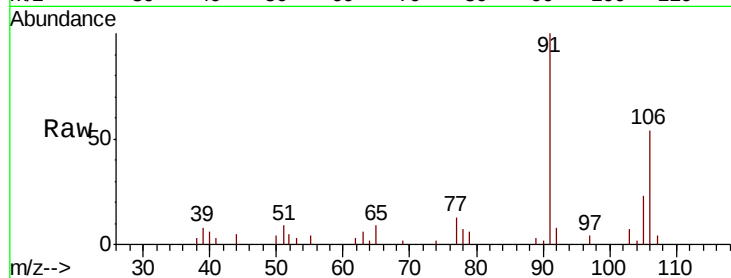
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 6002

Ion Ratio Lower Upper

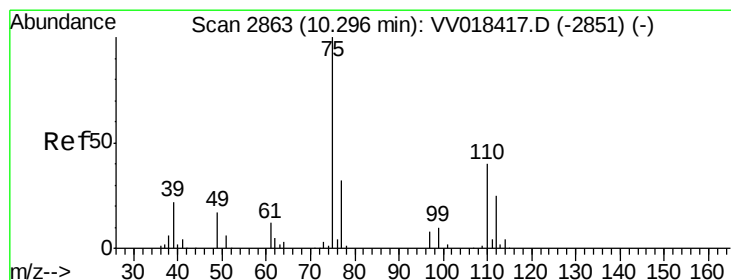
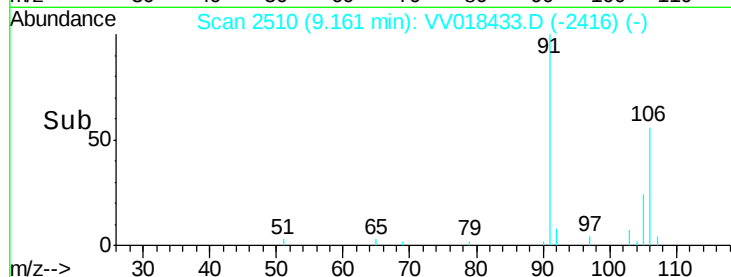
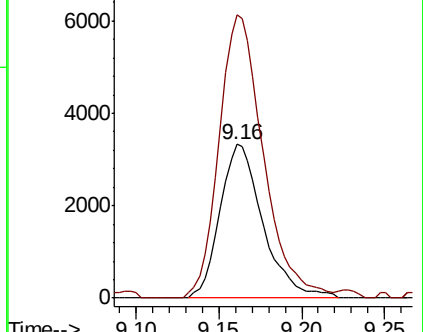
106 100

91 184.4 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018433.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV018433.D (-2416) (-)



#59

1,2,3-Trichloropropane

Concen: 6.462 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018433.D

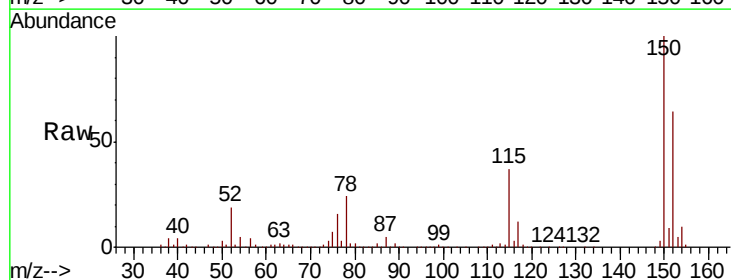
Acq: 24 Sep 2020 16:44

Tgt Ion: 75 Resp: 23615

Ion Ratio Lower Upper

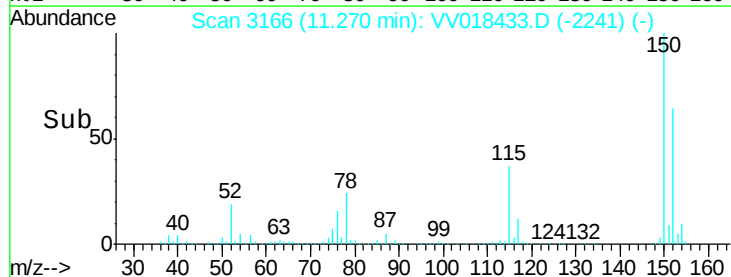
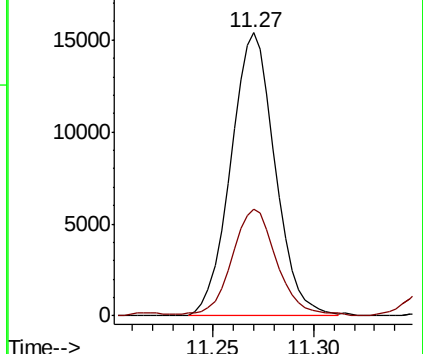
75 100

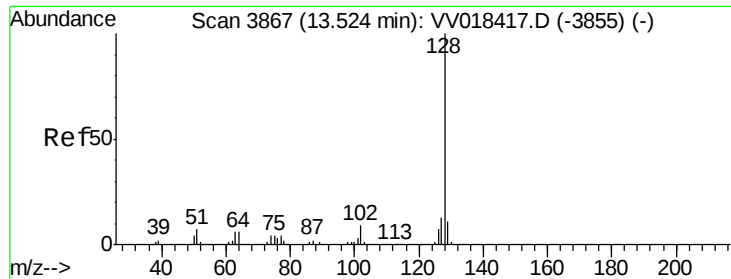
77 38.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018433.D (-2241) (-)

Ion 77.00 (76.70 to 77.70): VV018433.D (-2241) (-)





#69

Naphthalene

Concen: 3.609 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

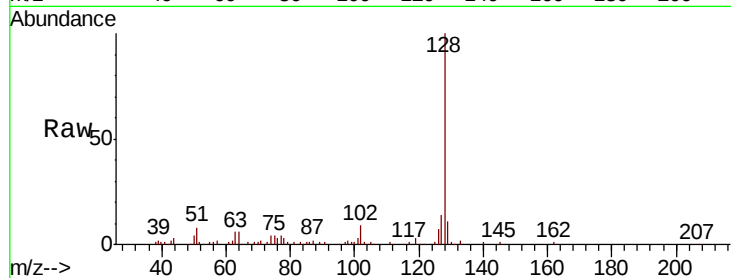
Lab File: VV018433.D

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Instrument :

MSVOA_V

ClientSampleId :



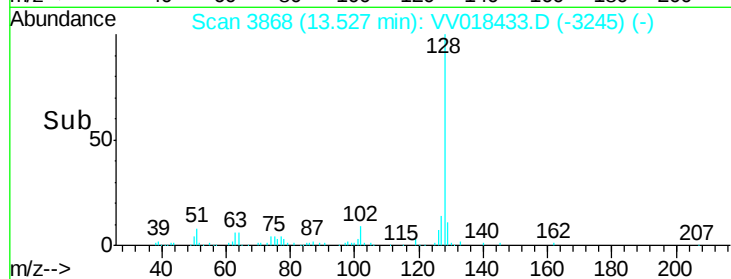
Tot Ion:128 Resp: 41726

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

