

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018244.D
 Acq On : 16 Sep 2020 18:26
 Operator : SY/MD
 Sample : L4043-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308169	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92977	37.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.04%
7) Chloroethane-d5	1.58	69	77395	37.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.32%
11) 1,1-Dichloroethene-d2	2.12	63	133168	28.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.82%#
21) 2-Butanone-d5	3.92	46	116852	76.02	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.02%
24) Chloroform-d	4.38	84	163670	37.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.12%
26) 1,2-Dichloroethane-d4	5.06	65	109021	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.06%
32) Benzene-d6	5.08	84	333244	37.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.84%
36) 1,2-Dichloropropane-d6	6.09	67	106764	38.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.46%
41) Toluene-d8	7.34	98	296635	37.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.06%#
43) trans-1,3-Dichloropropene-	7.64	79	50880	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
47) 2-Hexanone-d5	8.11	63	86277	81.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138974	39.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	125262	41.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.24%

Target Compounds

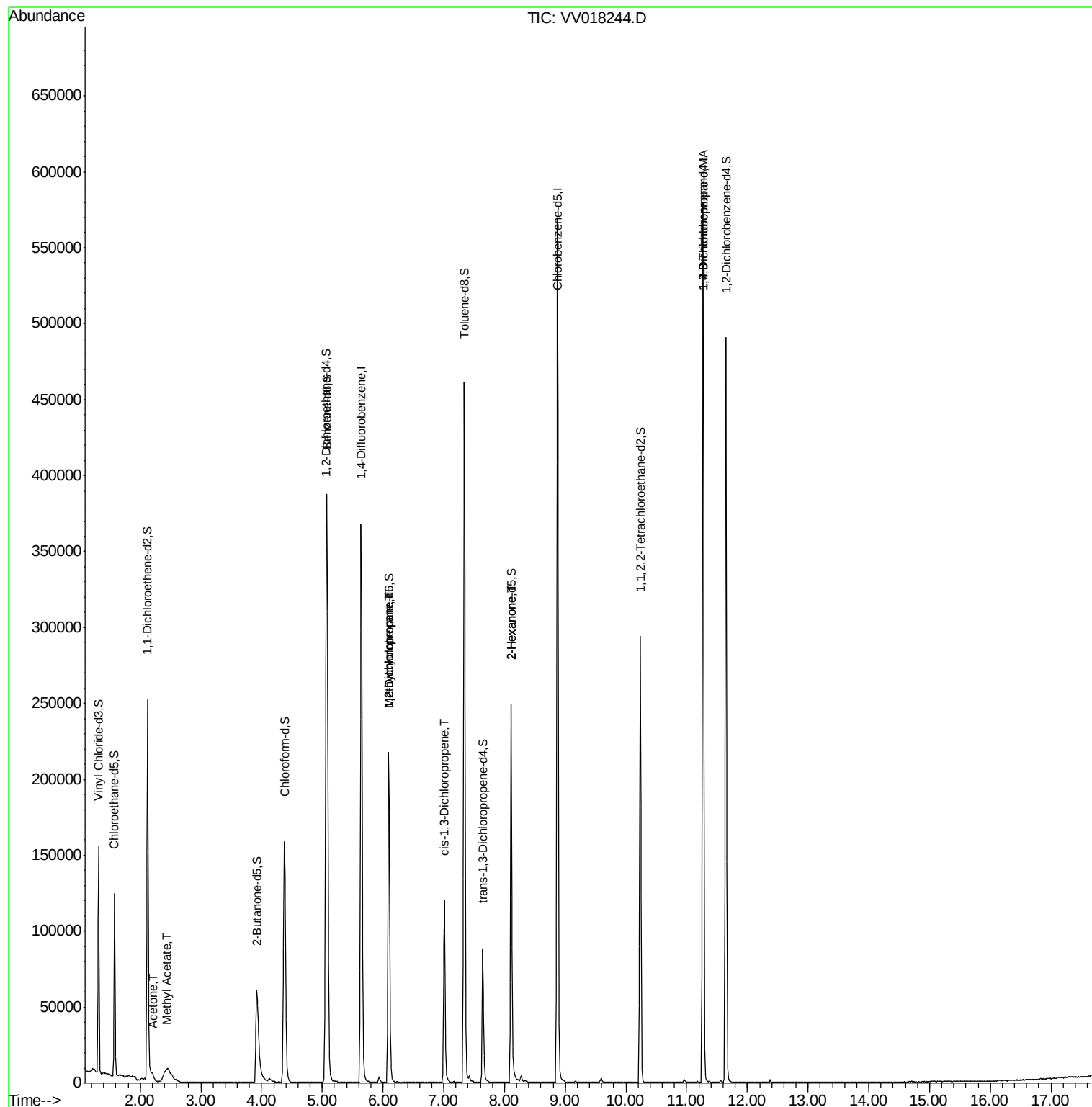
					Ovalue
13) Acetone	2.21	43	7063	5.738	ug/L 99
15) Methyl Acetate	2.42	43	3179	1.437	ug/L # 66
35) Methylcyclohexane	6.09	83	25421	7.061	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	11718	5.038	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	3022	0.843	ug/L # 74
48) 2-Hexanone	8.11	43	9837	4.422	ug/L # 68
59) 1,2,3-Trichloropropane	11.27	75	16891	6.174	ug/L 92

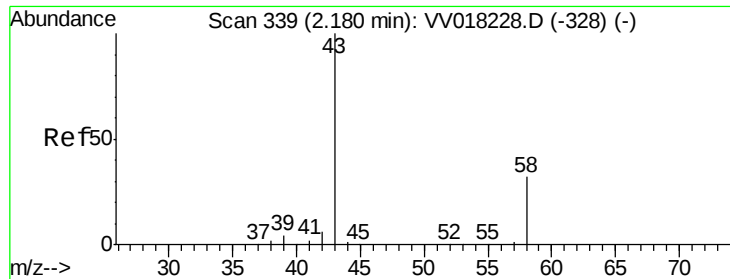
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.738 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.03 min

Lab File: VV018244.D

Acq: 16 Sep 2020 18:26

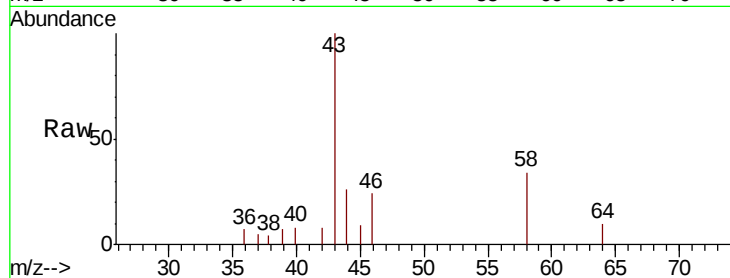
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7063

Ion Ratio Lower Upper

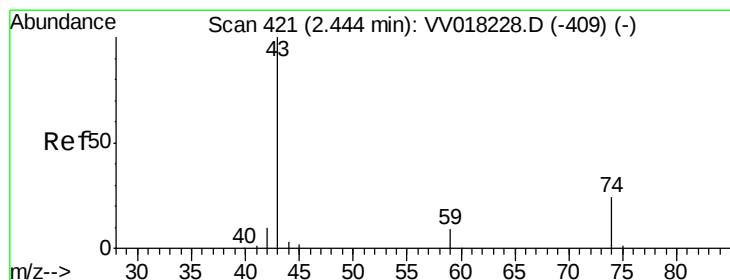
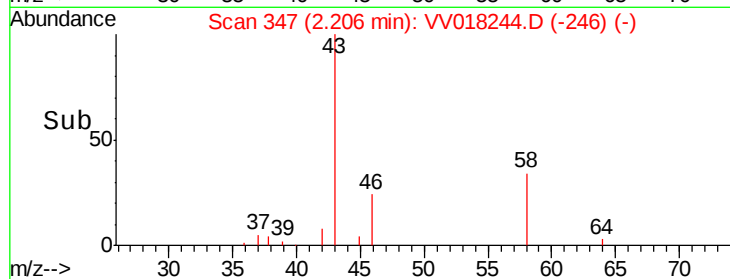
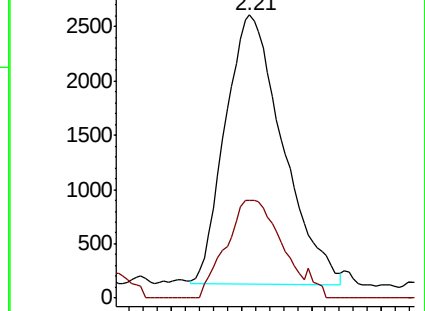
43 100

58 34.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018228.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV018228.D (-328) (-)



#15

Methyl Acetate

Concen: 1.437 ug/L

RT: 2.42 min Scan# 414

Delta R.T. -0.02 min

Lab File: VV018244.D

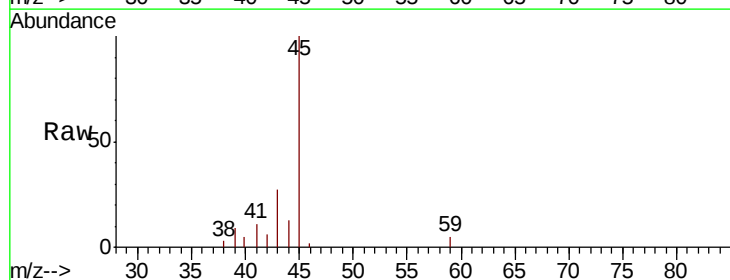
Acq: 16 Sep 2020 18:26

Tgt Ion: 43 Resp: 3179

Ion Ratio Lower Upper

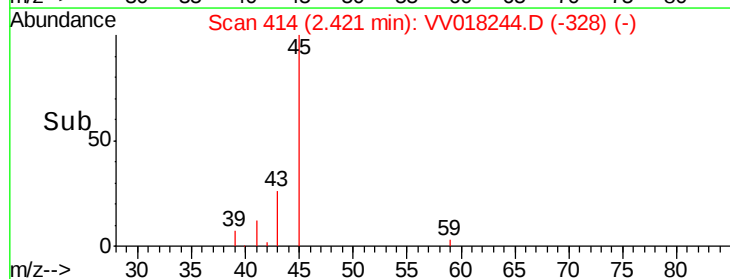
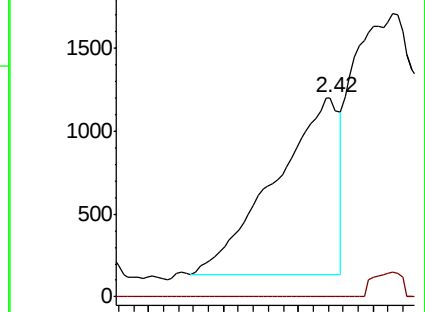
43 100

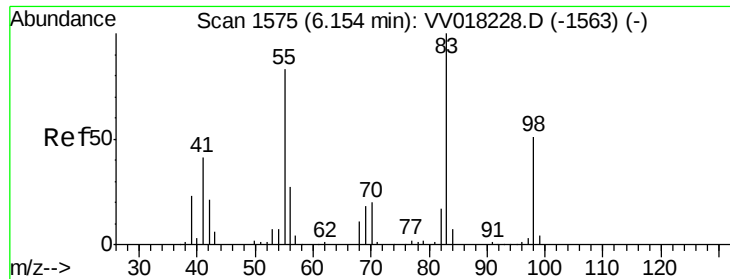
74 6.3 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VV018228.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV018228.D (-409) (-)

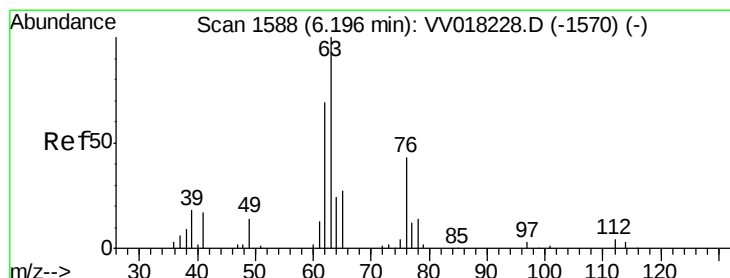
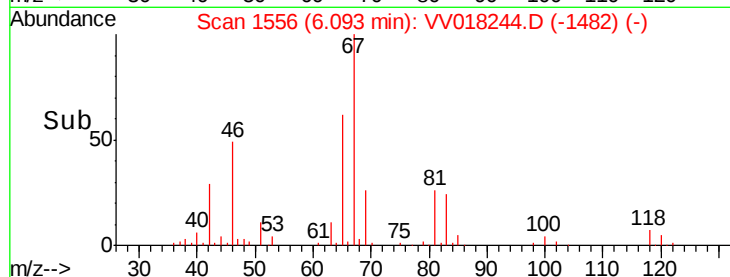
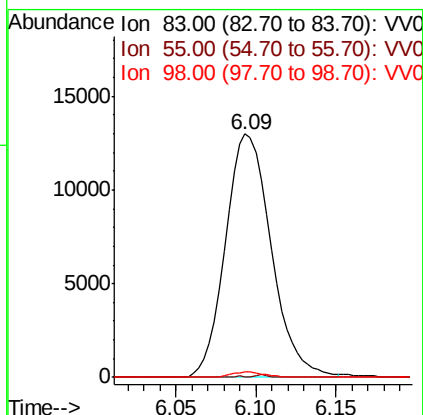
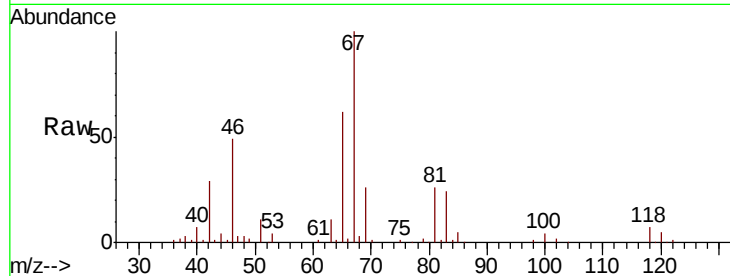




#35
Methvlcvclohexane
Concen: 7.061 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018244.D
Acq: 16 Sep 2020 18:26

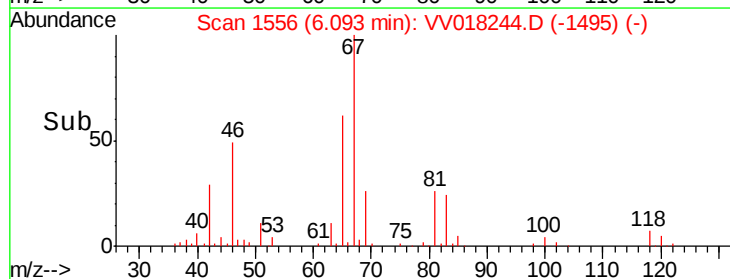
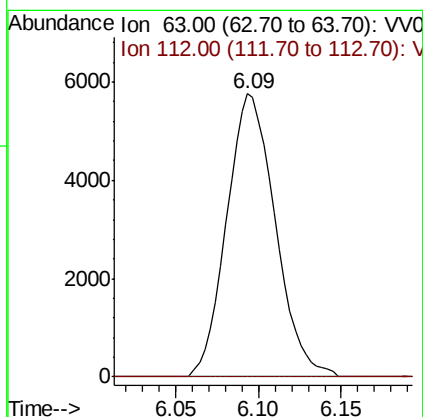
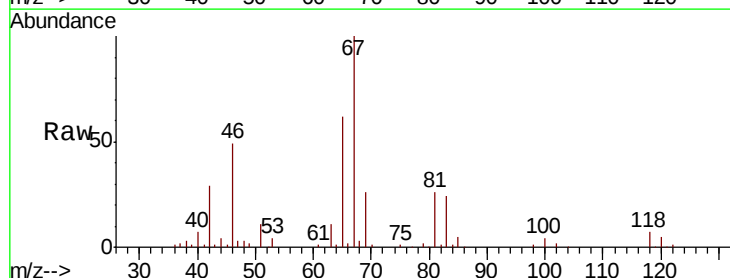
Instrument :
MSVOA_V
ClientSampleId :

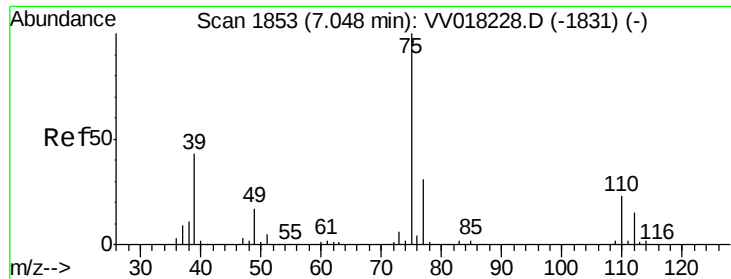
Tot Ion	83	Resp	25421
Ion Ratio	Lower	Upper	
83	100		
55	0.3	63.4	95.2#
98	1.6	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 5.038 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018244.D
Acq: 16 Sep 2020 18:26

Tgt Ion	63	Resp	11718
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#

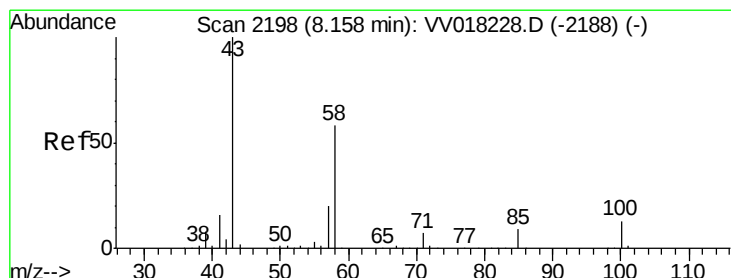
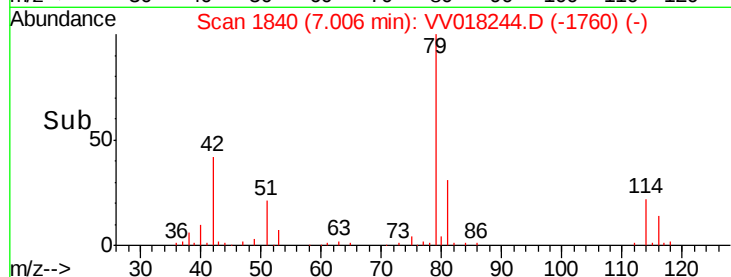
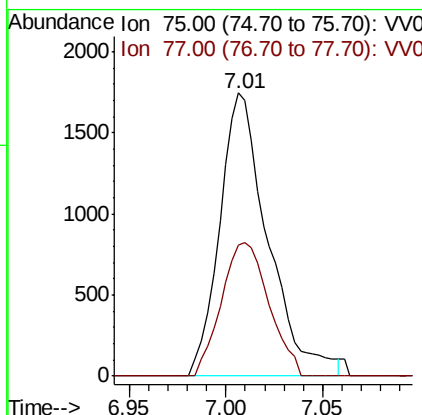
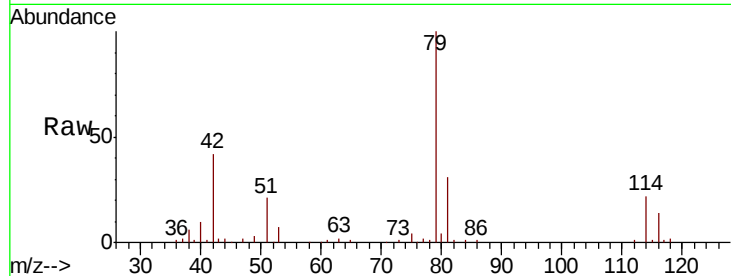




#39
 cis-1,3-Dichloropropene
 Concen: 0.843 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018244.D
 Acq: 16 Sep 2020 18:26

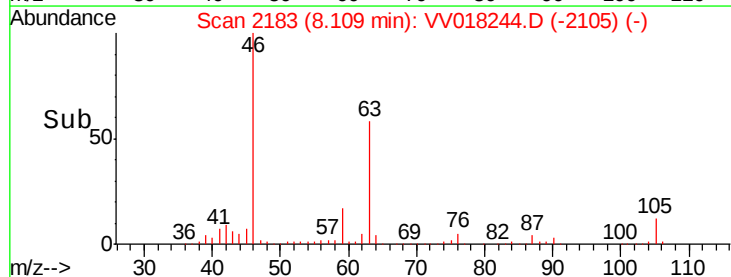
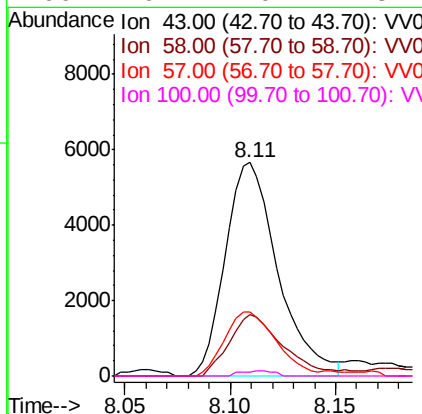
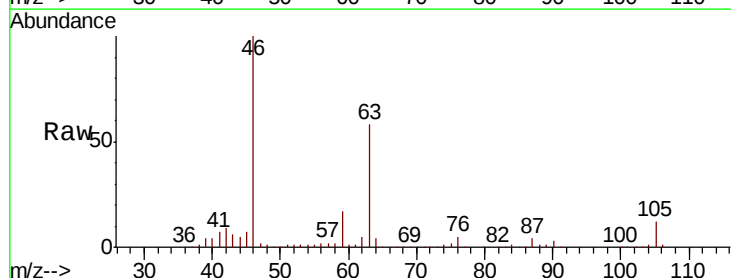
Instrument :
 MSVOA_V
 ClientSampleId :

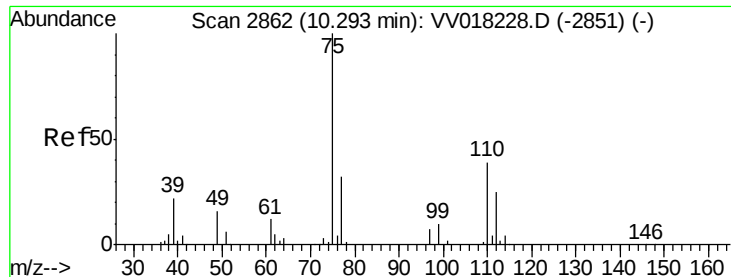
Tot Ion: 75 Resp: 3022
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.422 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018244.D
 Acq: 16 Sep 2020 18:26

Tgt Ion: 43 Resp: 9837
 Ion Ratio Lower Upper
 43 100
 58 29.1 44.8 67.2#
 57 29.1 15.8 23.6#
 100 0.4 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.174 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018244.D

Acq: 16 Sep 2020 18:26

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16891

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.6

