

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\
 Data File : VU035191.D
 Acq On : 15 Oct 2019 14:46
 Operator : JC/SP
 Sample : K5317-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 15:18:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	144760	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	153251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41773	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.68	69	40062	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.26	63	59761	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.18	46	150719	59.81	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.62%
24) Chloroform-d	4.63	84	86407	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.29	65	50266	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.32	84	161271	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.31	67	61357	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.55	98	132478	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.84	79	18777	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.31	63	94184	45.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52877	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	47700	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

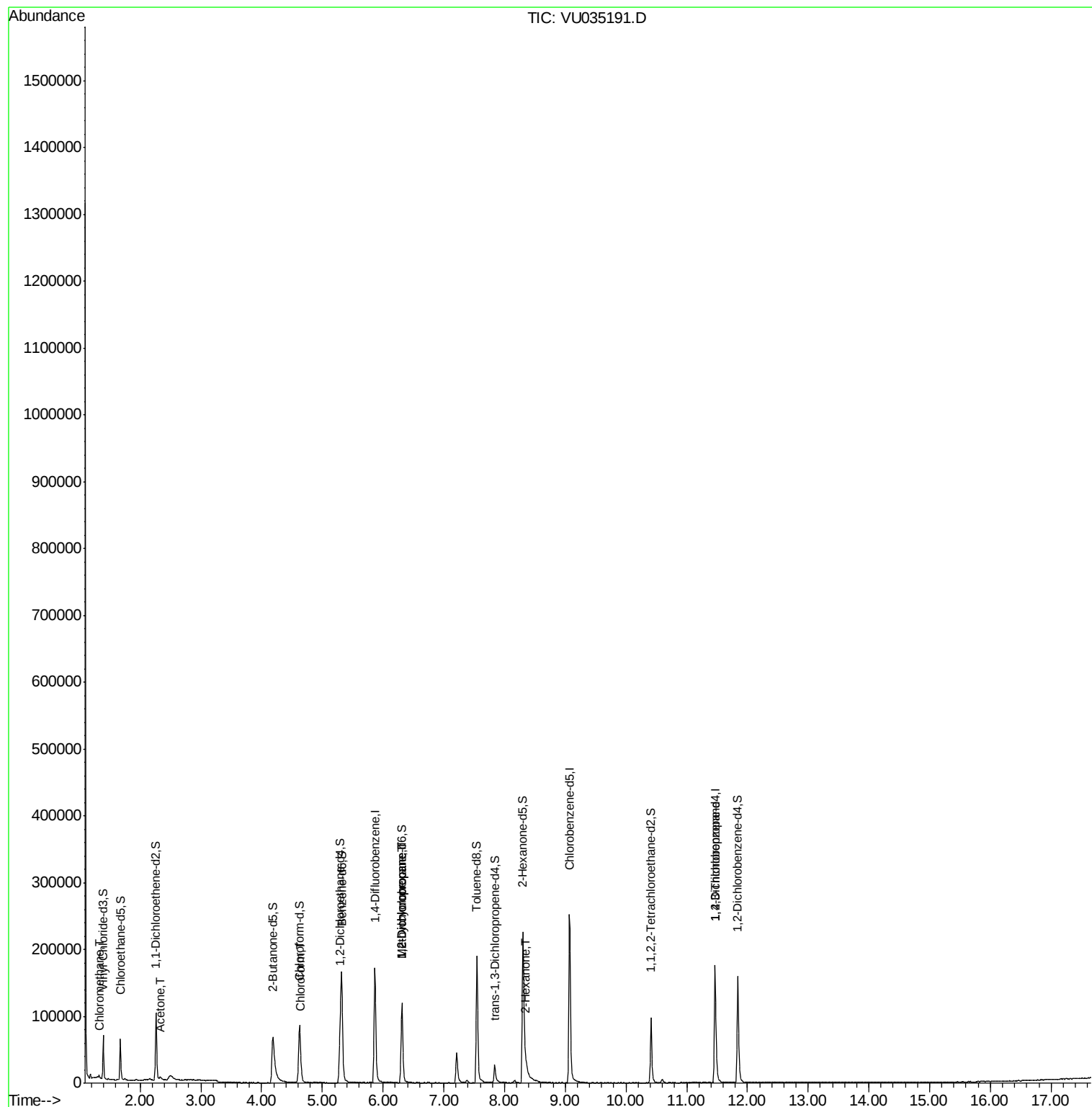
					Ovalue
3) Chloromethane	1.32	50	2371	0.163 ug/L	96
13) Acetone	2.33	43	6666	3.230 ug/L	78
25) Chloroform	4.66	83	5422	0.244 ug/L	99
35) Methylcyclohexane	6.31	83	13621	0.706 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6421	0.516 ug/L #	88
48) 2-Hexanone	8.36	43	6103	1.136 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	7695	0.955 ug/L	99

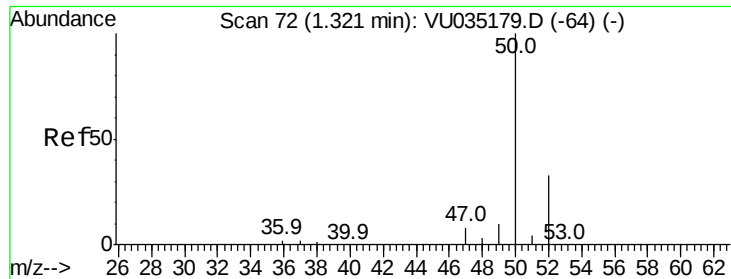
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.163 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU035191.D

Acq: 15 Oct 2019 14:46

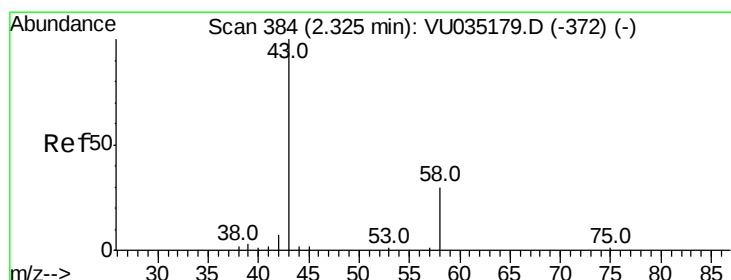
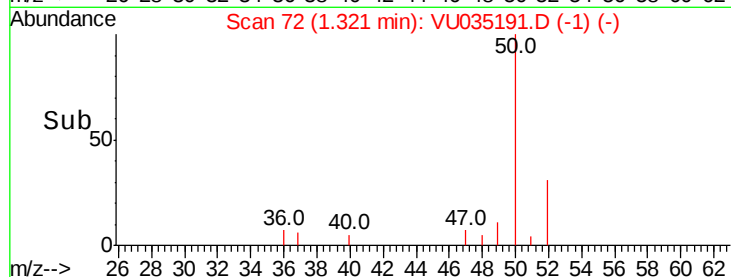
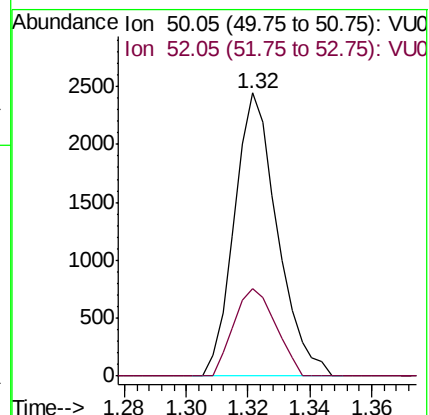
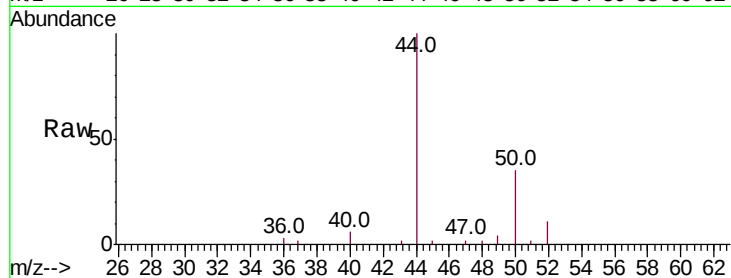
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 2371

Ion Ratio Lower Upper

50 100

52 30.8 23.3 43.3



#13

Acetone

Concen: 3.230 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.02 min

Lab File: VU035191.D

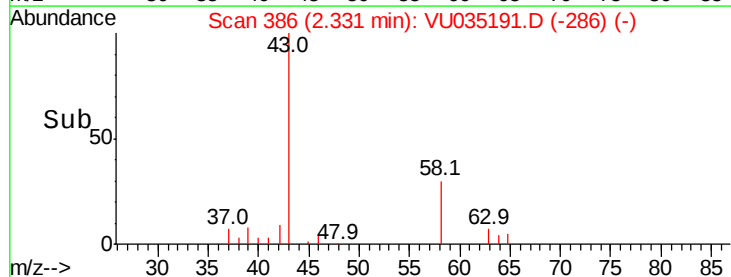
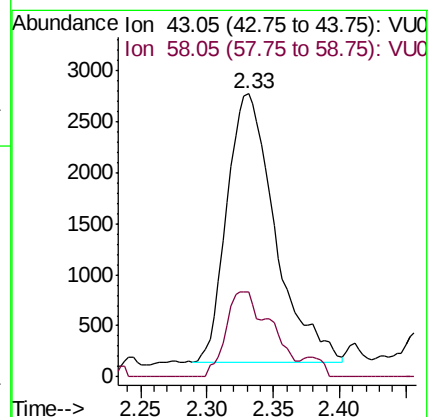
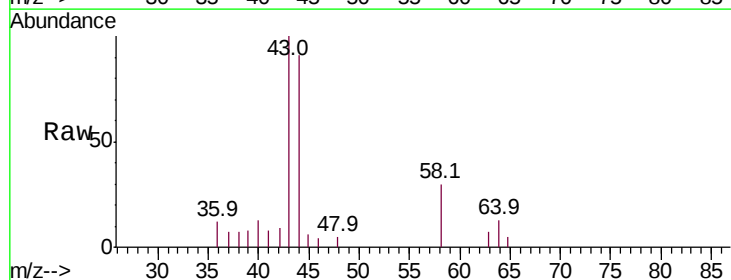
Acq: 15 Oct 2019 14:46

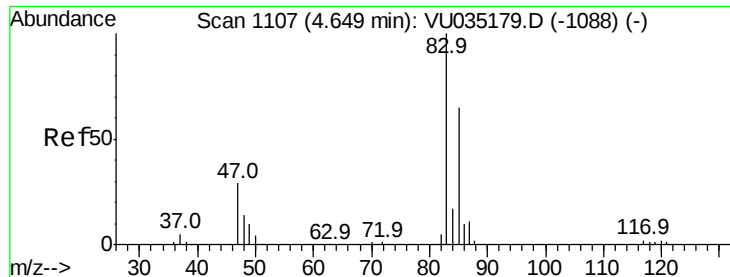
Tgt Ion: 43 Resp: 6666

Ion Ratio Lower Upper

43 100

58 20.6 0.0 66.6

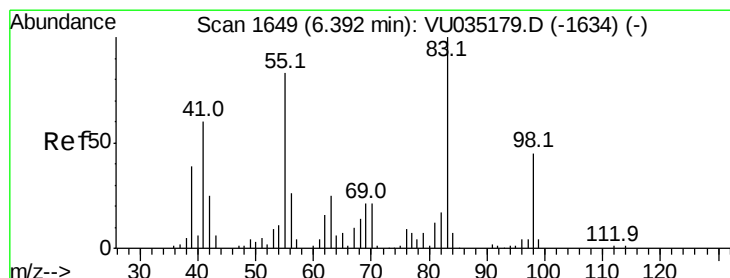
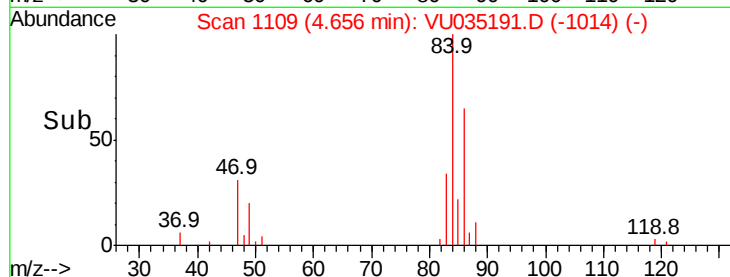
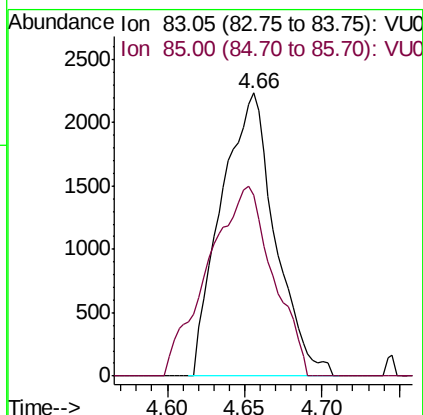
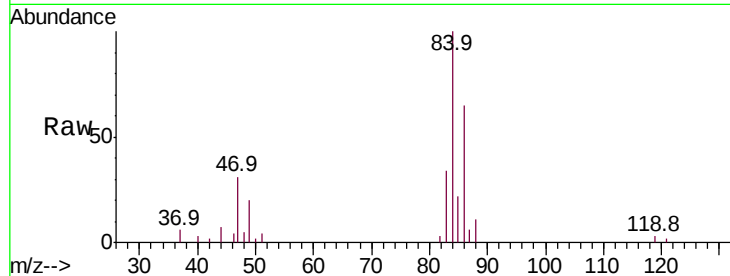




#25
Chloroform
Concen: 0.244 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU035191.D
Acq: 15 Oct 2019 14:46

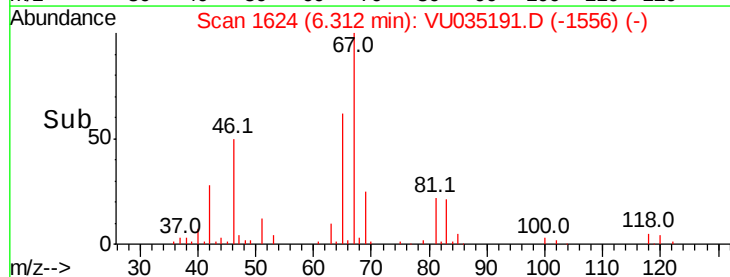
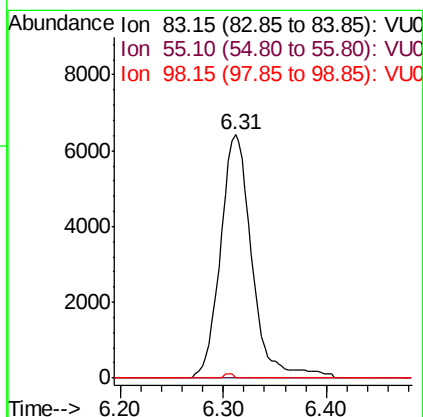
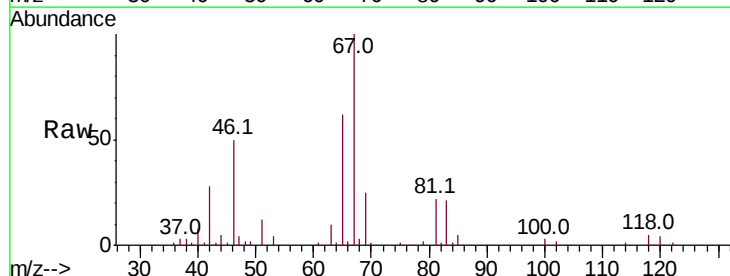
Instrument :
MSVOA_U
ClientSampled :

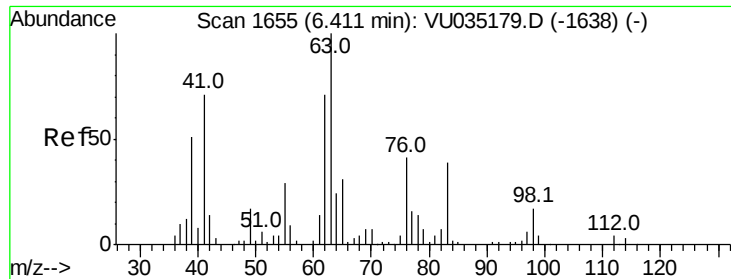
Tot Ion: 83 Resp: 5422
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.4



#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035191.D
Acq: 15 Oct 2019 14:46

Tgt Ion: 83 Resp: 13621
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.5 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035191.D

Acq: 15 Oct 2019 14:46

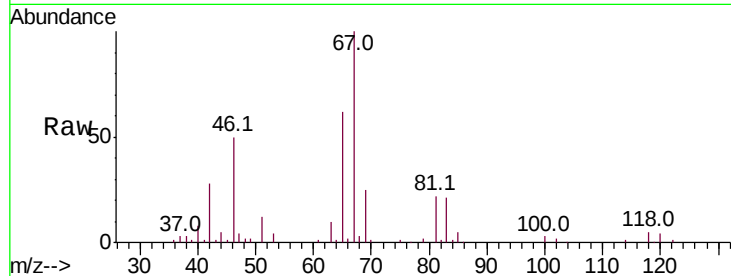
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 6421

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035191.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU035191.D (-1638) (-)

6.31

3000

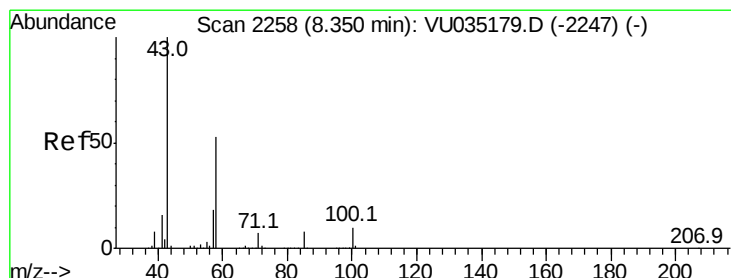
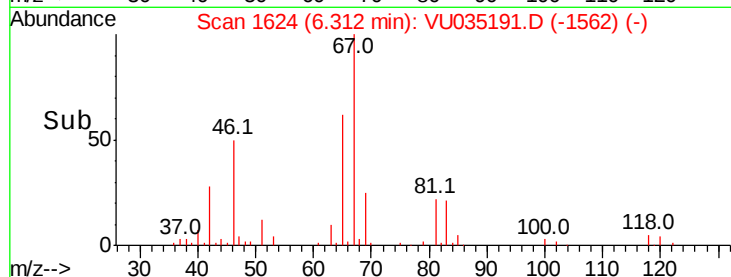
2000

1000

0

6.25 6.30 6.35

Time-->



#48

2-Hexanone

Concen: 1.136 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.01 min

Lab File: VU035191.D

Acq: 15 Oct 2019 14:46

Tgt Ion: 43 Resp: 6103

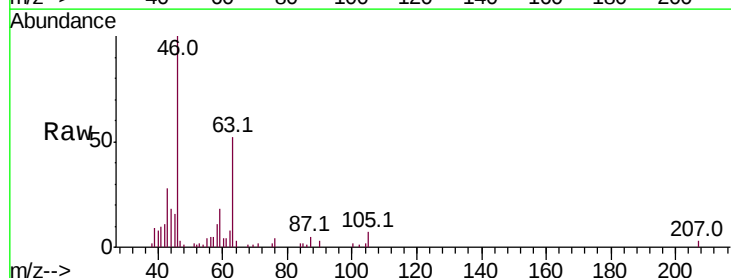
Ion Ratio Lower Upper

43 100

58 35.6 44.1 66.1#

57 0.0 15.8 23.8#

100 4.0 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU035191.D (-2247) (-)

Ion 58.05 (57.75 to 58.75): VU035191.D (-2247) (-)

Ion 57.20 (56.90 to 57.90): VU035191.D (-2247) (-)

Ion 100.15 (99.85 to 100.85): VU035191.D (-2247) (-)

8000

6000

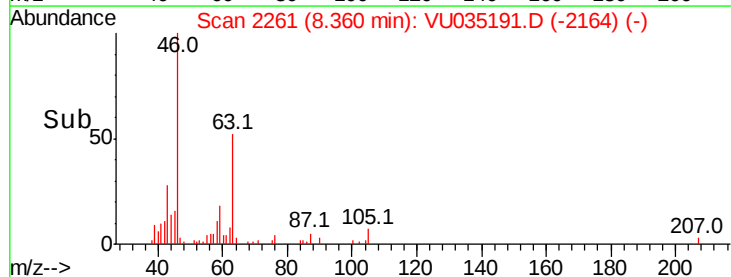
4000

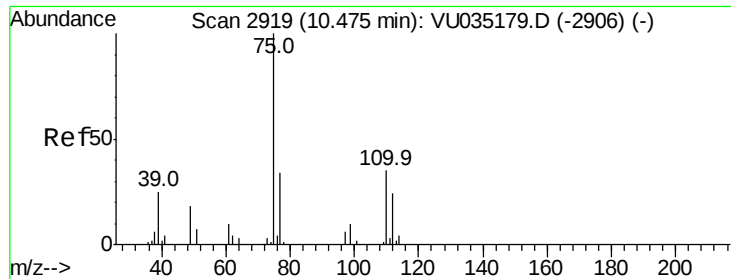
2000

0

8.30 8.35 8.40 8.45

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.955 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035191.D

Acq: 15 Oct 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7695

Ion Ratio Lower Upper

75 100

77 33.4 26.5 39.7

