

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\NOT REVIEWED DATA\
 Data File : VU035181.D
 Acq On : 15 Oct 2019 10:22
 Operator : JC/SP
 Sample : K5342-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 15:12:43 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	143932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	146991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55221	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39662	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.67	69	38291	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.26	63	58533	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.18	46	151723	60.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.10%
24) Chloroform-d	4.62	84	86311	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.29	65	48328	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.31	84	154331	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.31	67	58334	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.55	98	132344	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.84	79	17962	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.30	63	100897	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	51262	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	46764	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

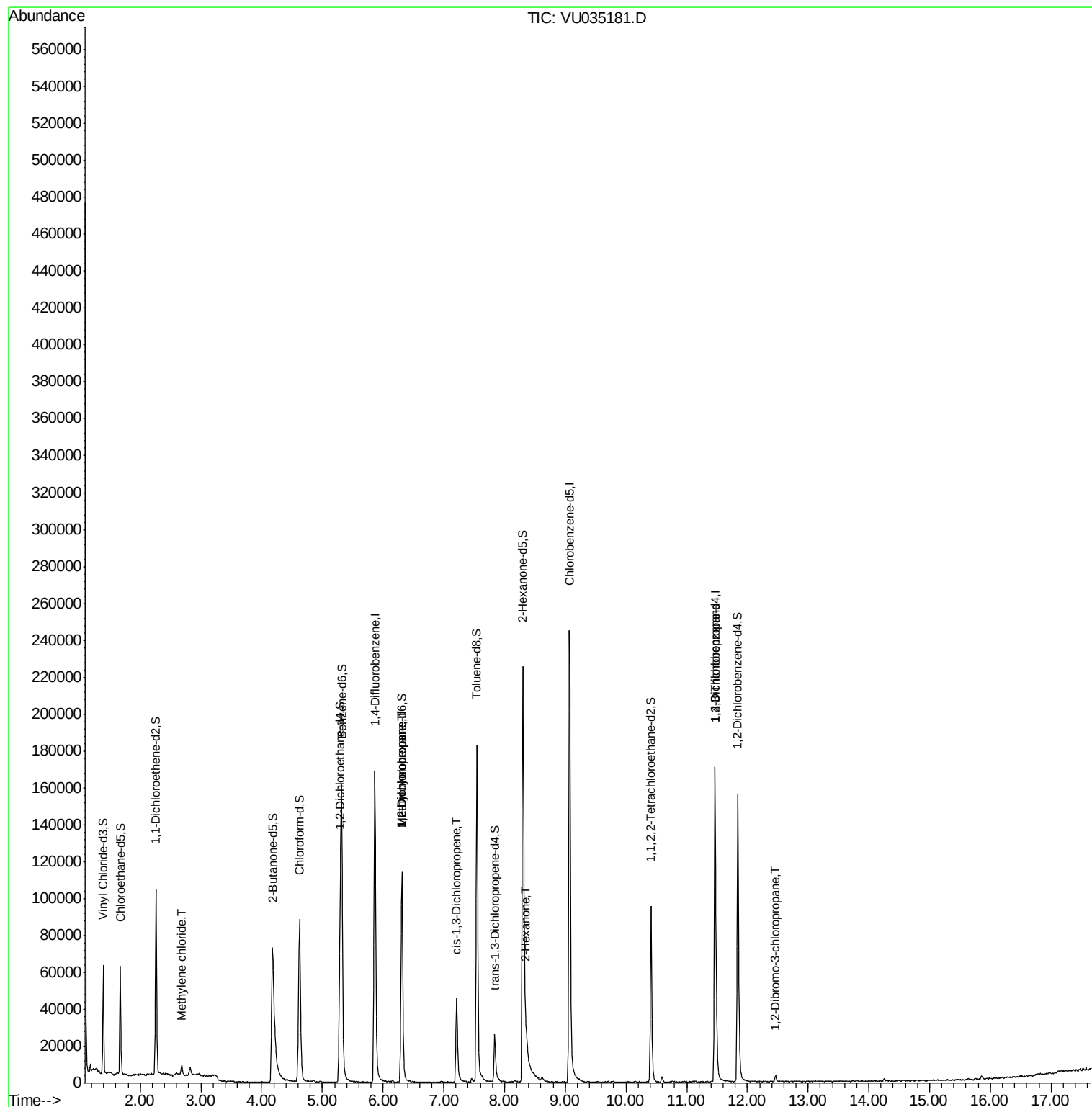
					Ovalue
16) Methylene chloride	2.69	84	2011	0.176 ug/L	90
35) Methylcyclohexane	6.31	83	12115	0.655 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6655	0.557 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	1161	0.072 ug/L #	65
48) 2-Hexanone	8.35	43	5484	1.064 ug/L #	85
59) 1,2,3-Trichloropropane	11.47	75	7658	0.991 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.46	75	186	0.178 ug/L #	2

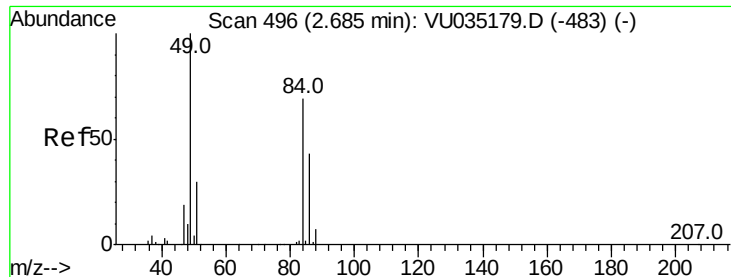
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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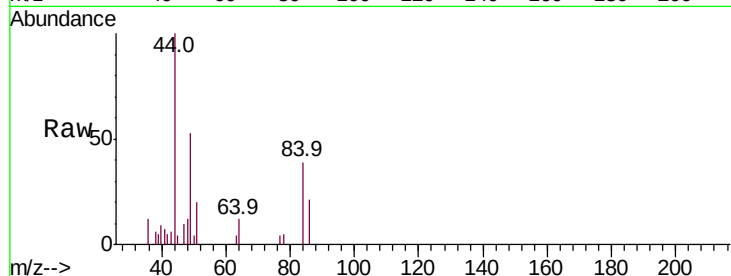




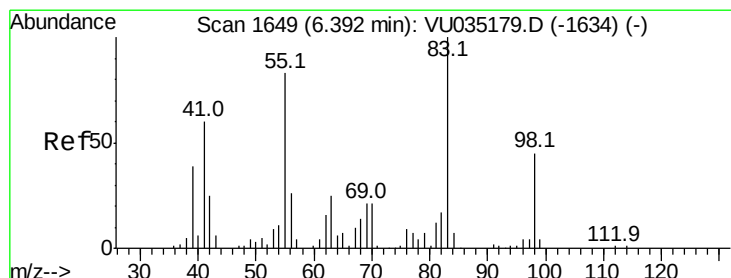
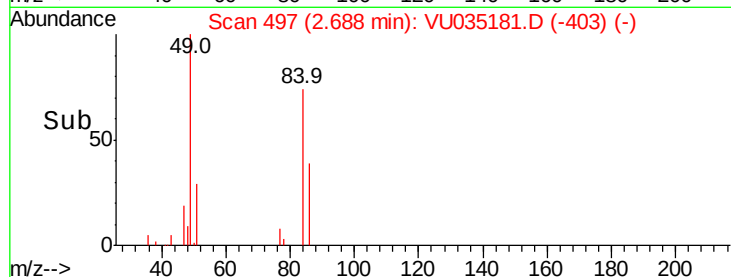
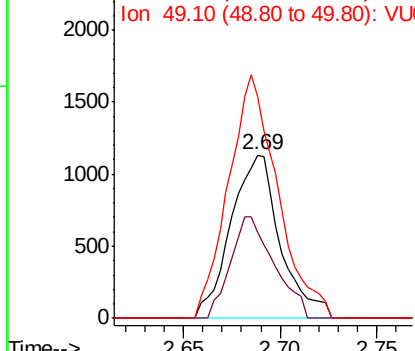
#16
Methylene chloride
Concen: 0.176 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035181.D
Acq: 15 Oct 2019 10:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2011
Ion Ratio Lower Upper
84 100
86 52.7 42.5 78.9
49 135.5 86.9 161.3

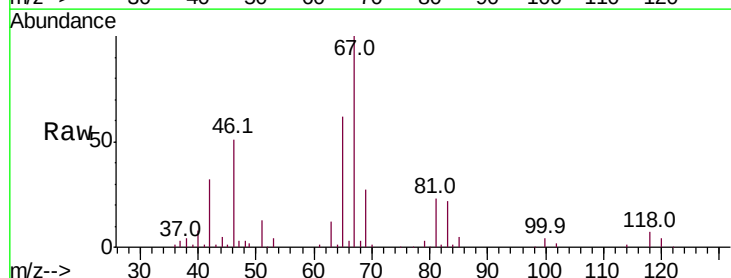


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

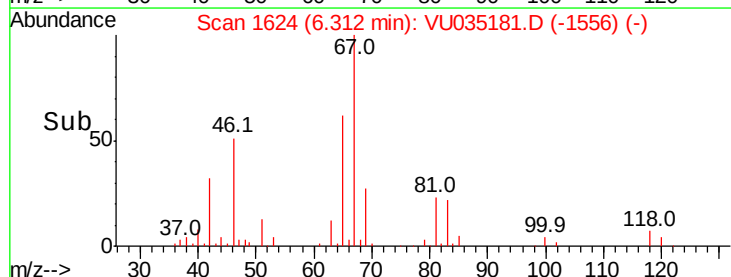
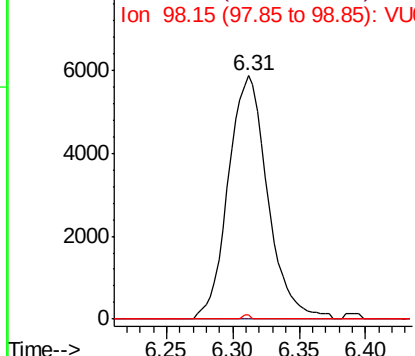


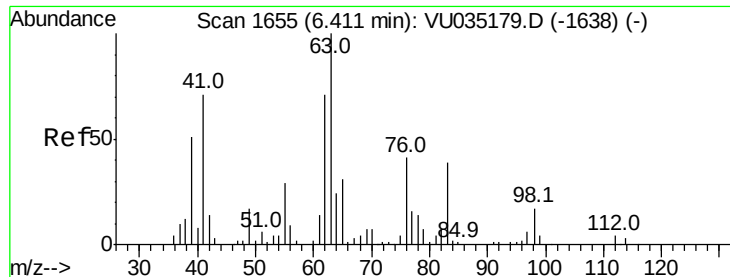
#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035181.D
Acq: 15 Oct 2019 10:22

Tgt Ion: 83 Resp: 12115
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.3 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035181.D

Acq: 15 Oct 2019 10:22

Instrument :

MSVOA_U

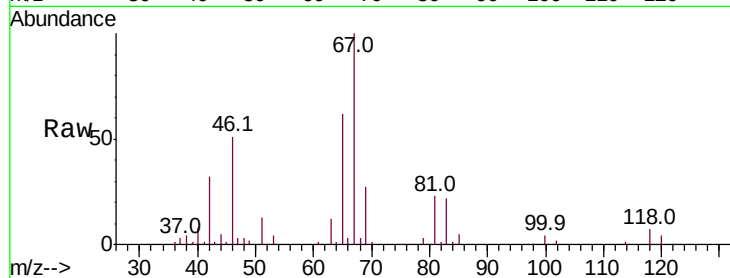
ClientSampleId :

Tot Ion: 63 Resp: 6655

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035181.D (-1624) (-)

Ion 112.10 (111.80 to 112.80): VU035181.D (-1624) (-)

6.31

3000

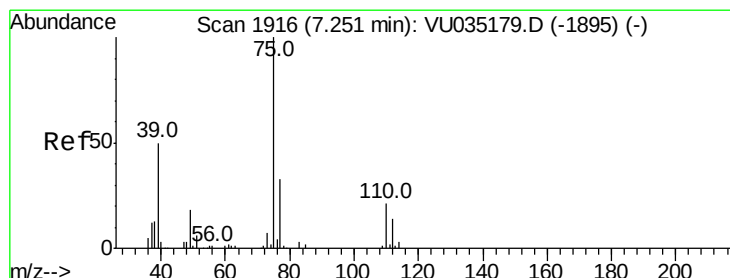
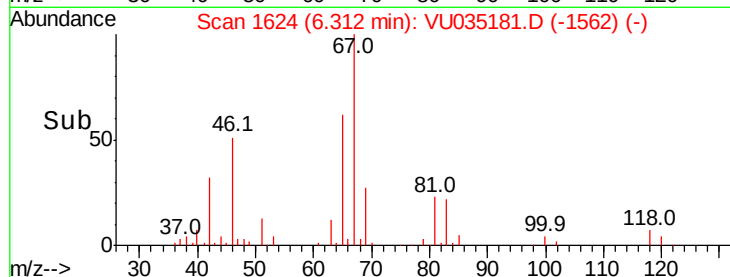
2000

1000

0

6.25 6.30 6.35 6.40

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.21 min Scan# 1904

Delta R.T. -0.04 min

Lab File: VU035181.D

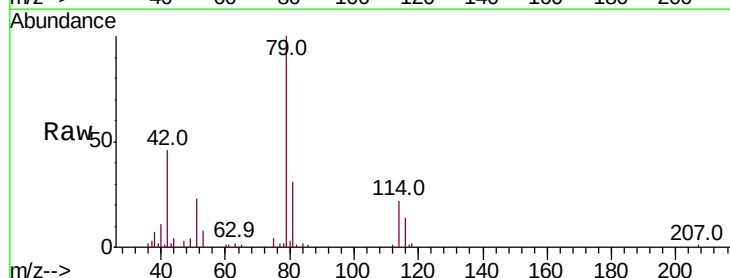
Acq: 15 Oct 2019 10:22

Tgt Ion: 75 Resp: 1161

Ion Ratio Lower Upper

75 100

77 51.0 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035181.D (-1823) (-)

Ion 77.05 (76.75 to 77.75): VU035181.D (-1823) (-)

7.21

600

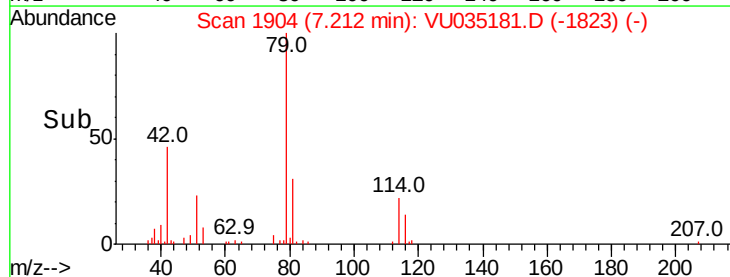
400

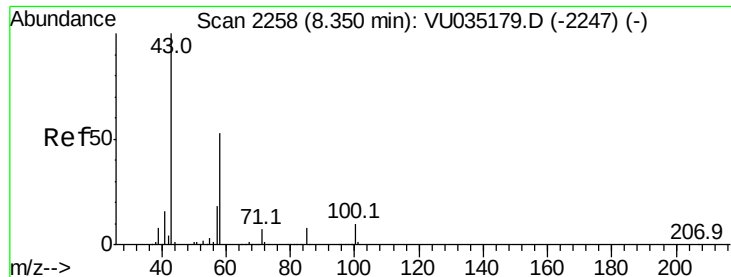
200

0

7.20 7.25

Time-->

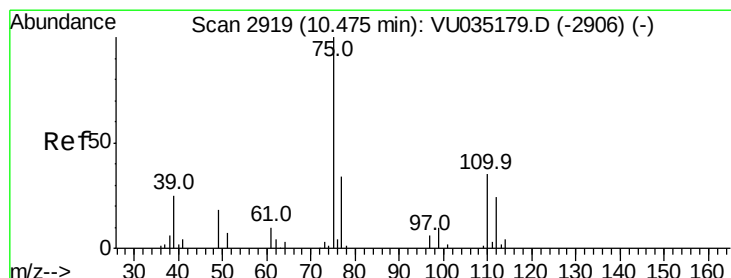
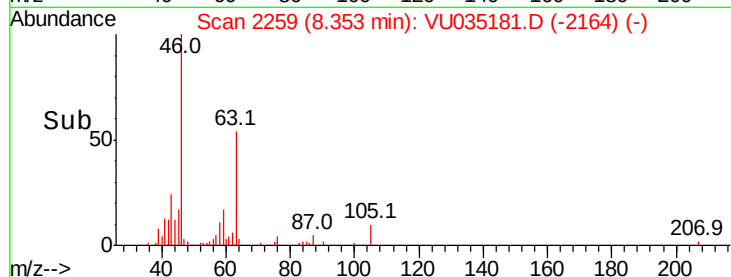
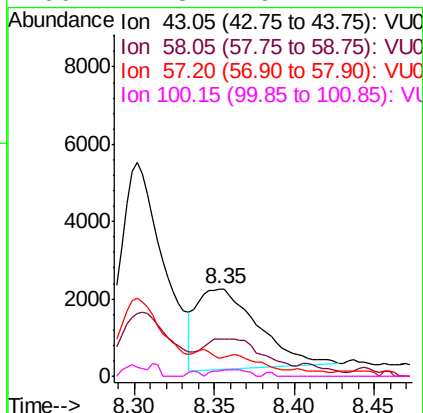
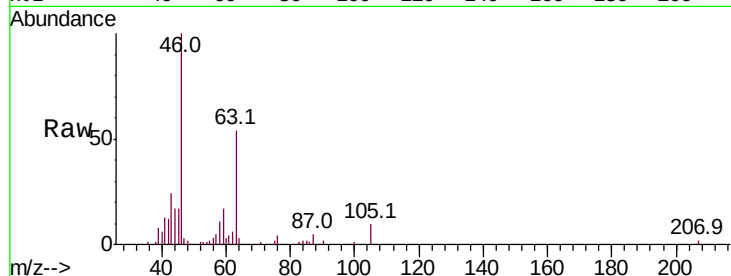




#48
2-Hexanone
Concen: 1.064 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU035181.D
Acq: 15 Oct 2019 10:22

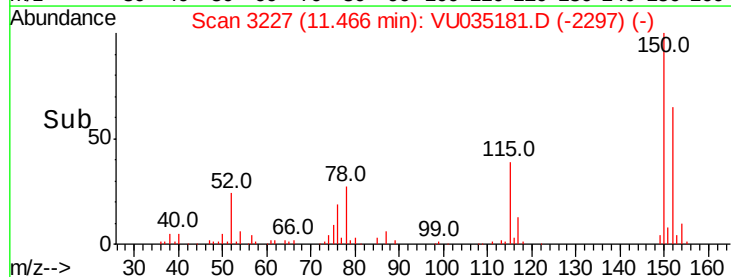
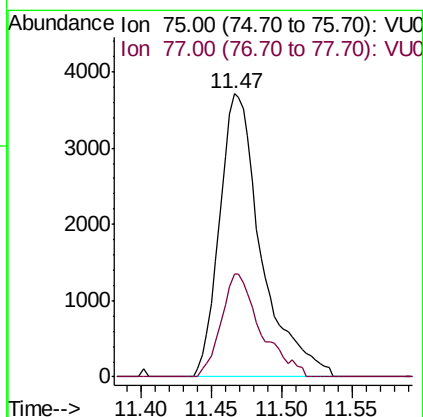
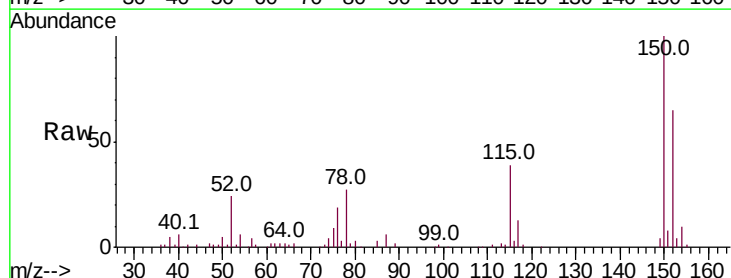
Instrument :
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ClientSampleId :

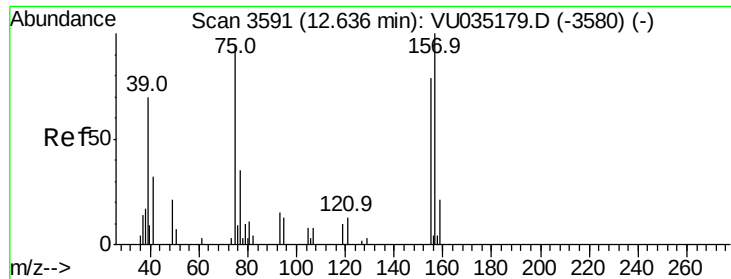
Tot Ion: 43 Resp: 5484
Ion Ratio Lower Upper
43 100
58 46.7 44.1 66.1
57 9.4 15.8 23.8#
100 4.3 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.991 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU035181.D
Acq: 15 Oct 2019 10:22

Tgt Ion: 75 Resp: 7658
Ion Ratio Lower Upper
75 100
77 34.5 26.5 39.7





#66

1,2-Dibromo-3-chloropropane

Concen: 0.178 ug/L

RT: 12.46 min Scan# 3535

Delta R.T. -0.18 min

Lab File: VU035181.D

Acq: 15 Oct 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

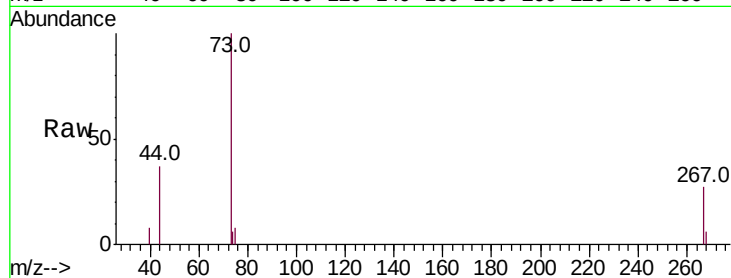
Tot Ion: 75 Resp: 186

Ion Ratio Lower Upper

75 100

155 0.0 67.1 100.7#

157 0.0 83.7 125.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

