

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035271.D
 Acq On : 18 Oct 2019 16:51
 Operator : JC/SP
 Sample : K5318-11DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:41:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 03:38:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	349021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	335832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	135644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92560	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	88227	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.60	63	132409	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.72	46	288820	47.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.46%
24) Chloroform-d	5.11	84	182399	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.75	65	105878	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	367292	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.74	67	120536	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	338635	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.22	79	51264	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.69	63	242139	46.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102905	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	115474	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

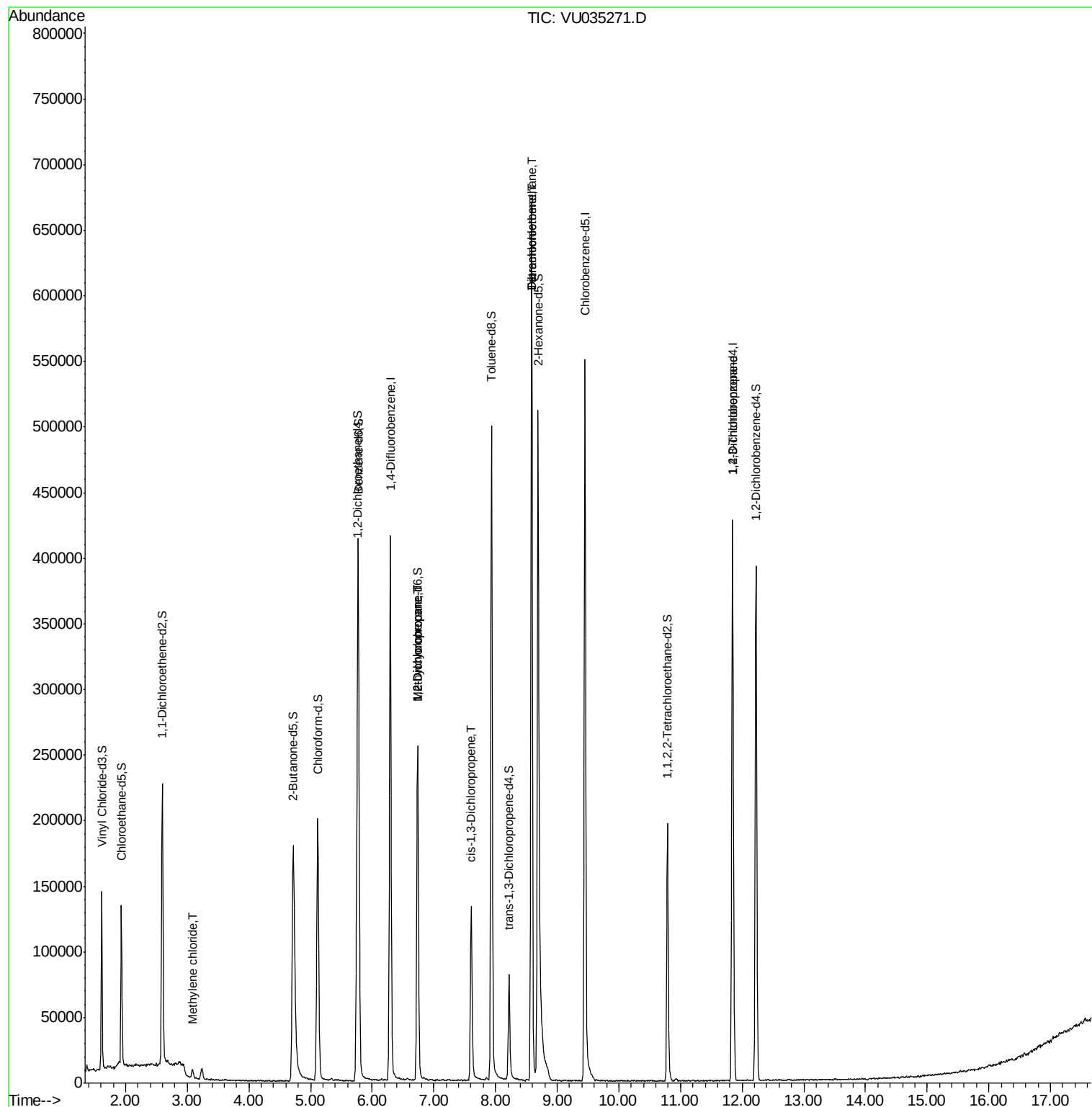
					Ovalue
16) Methylene chloride	3.08	84	3544	0.131 ug/L	99
35) Methylcyclohexane	6.74	83	28370	0.639 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14187	0.566 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3528	0.084 ug/L #	30
47) Tetrachloroethene	8.58	164	154569	6.984 ug/L	98
49) Dibromochloromethane	8.58	129	134915	5.714 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	16820	0.962 ug/L	94

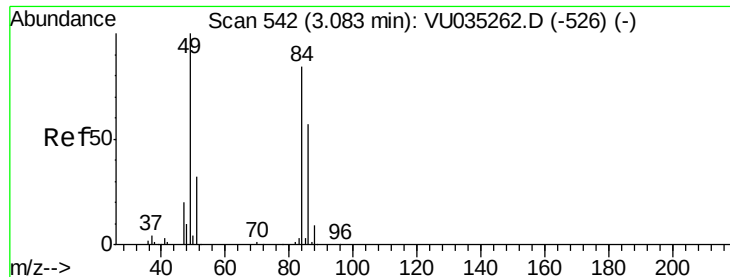
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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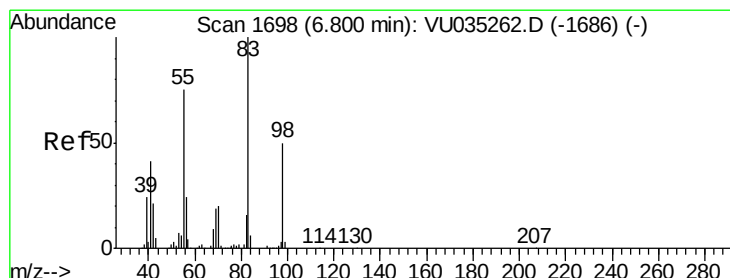
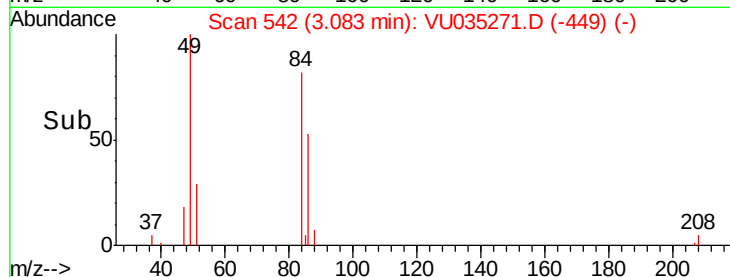
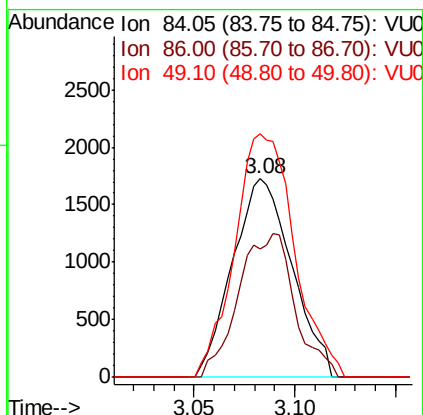
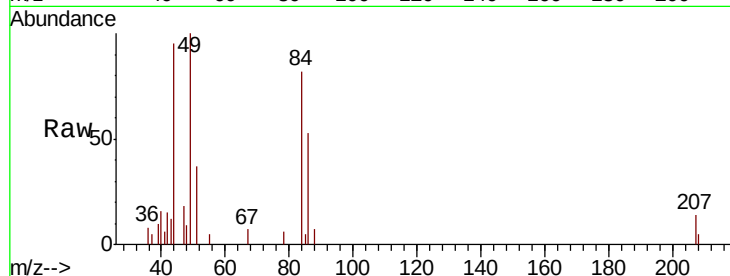




#16
Methylene chloride
Concen: 0.131 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035271.D
Acq: 18 Oct 2019 16:51

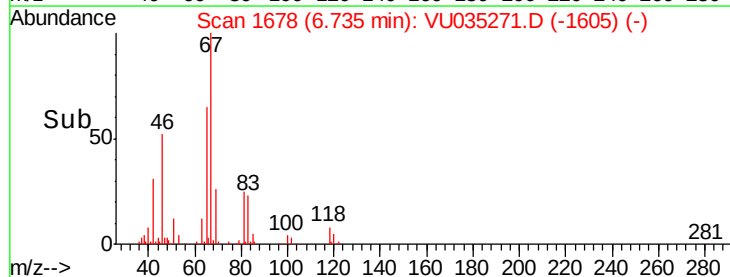
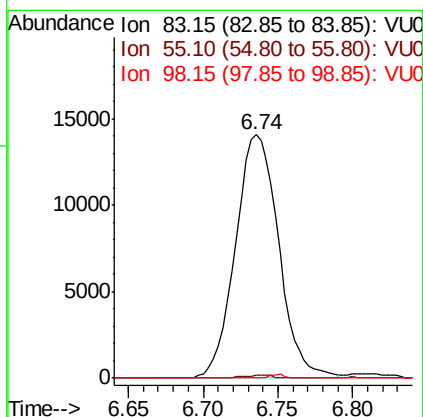
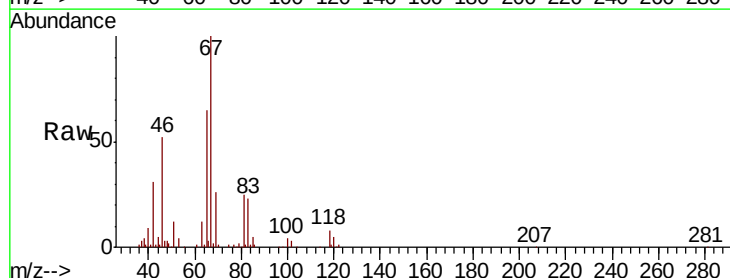
Instrument :
MSVOA_U
ClientSampleId :

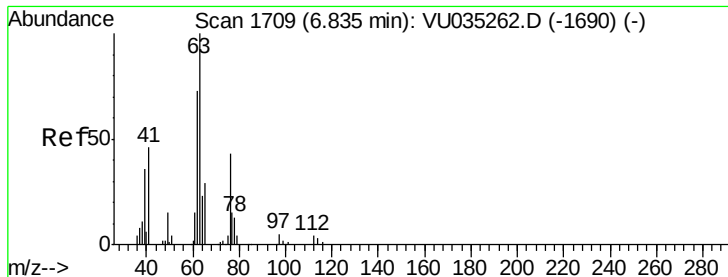
Tot Ion: 84 Resp: 3544
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.2
49 122.6 86.8 161.2



#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035271.D
Acq: 18 Oct 2019 16:51

Tgt Ion: 83 Resp: 28370
Ion Ratio Lower Upper
83 100
55 0.5 60.4 90.6#
98 0.5 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035271.D

Acq: 18 Oct 2019 16:51

Instrument :

MSVOA_U

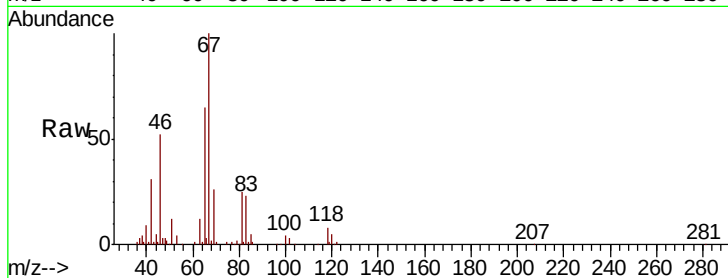
ClientSampleId :

Tot Ion: 63 Resp: 14187

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

6.74

8000

6000

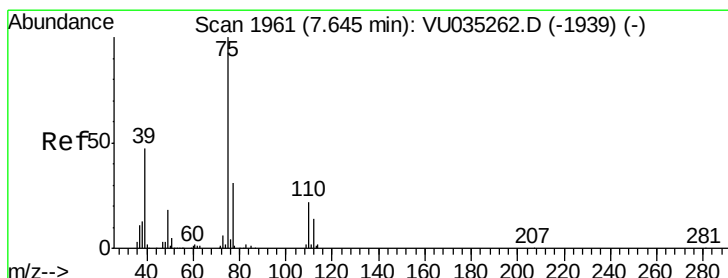
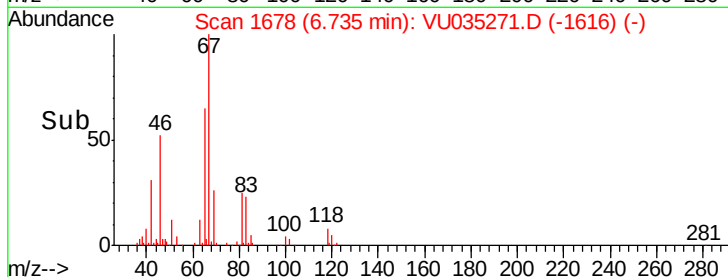
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035271.D

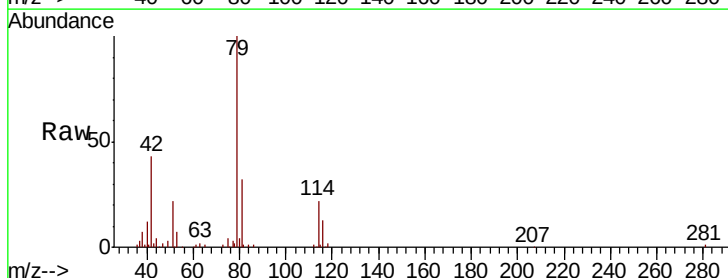
Acq: 18 Oct 2019 16:51

Tgt Ion: 75 Resp: 3528

Ion Ratio Lower Upper

75 100

77 71.4 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.61

2000

1500

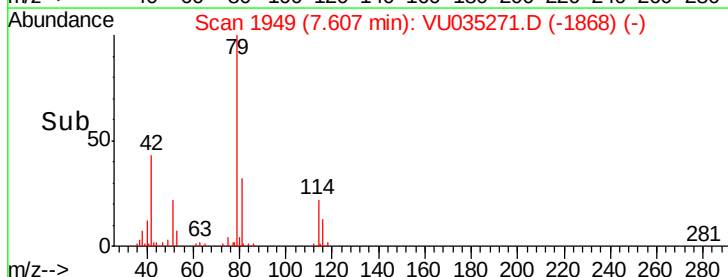
1000

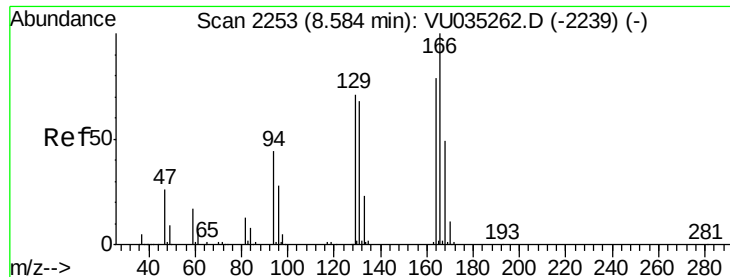
500

0

7.55 7.60 7.65

Time-->





#47

Tetrachloroethene

Concen: 6.984 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035271.D

Acq: 18 Oct 2019 16:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 154569

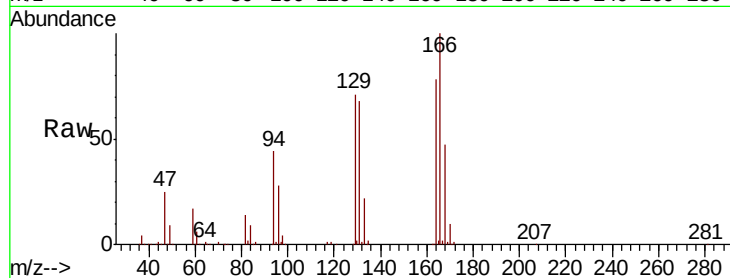
Ion Ratio Lower Upper

164 100

129 90.7 65.2 121.0

131 87.7 62.9 116.9

166 128.6 91.5 169.9

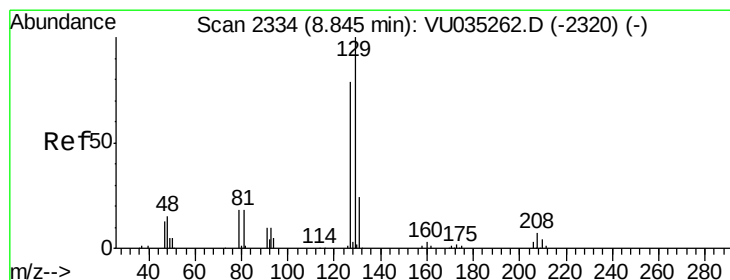
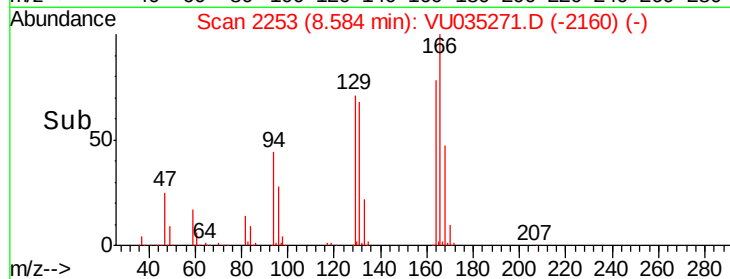
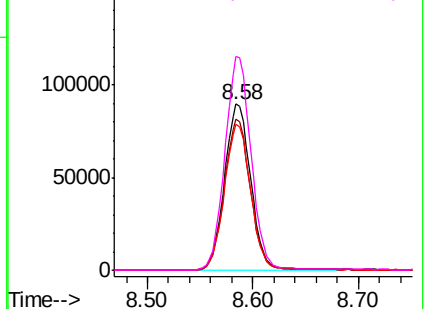


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 5.714 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035271.D

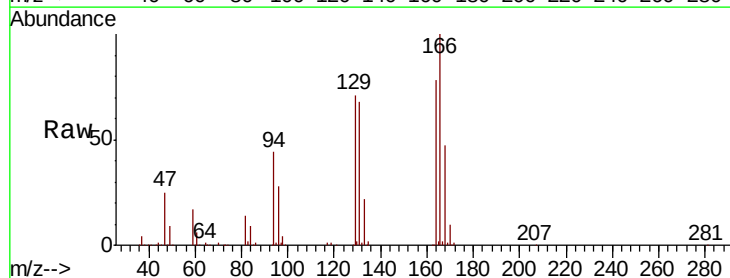
Acq: 18 Oct 2019 16:51

Tgt Ion:129 Resp: 134915

Ion Ratio Lower Upper

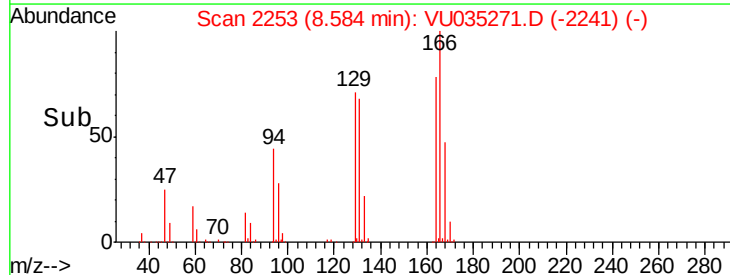
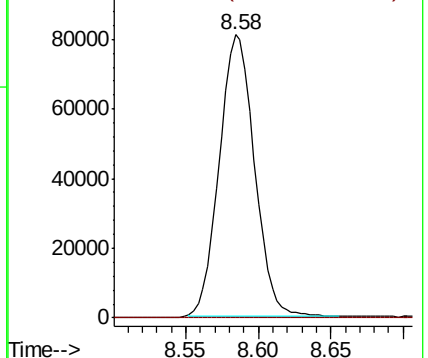
129 100

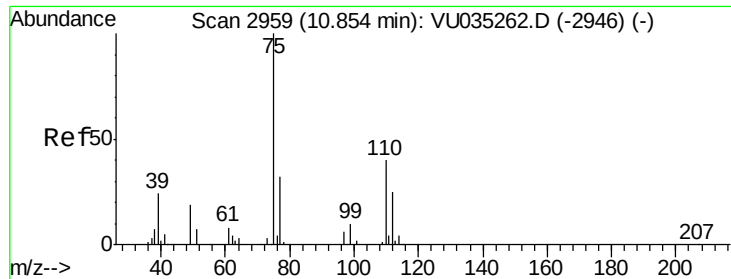
127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.962 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035271.D

Acq: 18 Oct 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 16820

Ion Ratio Lower Upper

75 100

77 36.1 26.2 39.2

