

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035269.D
 Acq On : 18 Oct 2019 16:05
 Operator : JC/SP
 Sample : K5318-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:41:31 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	352988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	338972	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	134782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100492	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	96246	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.60	63	139902	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.72	46	303608	49.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.18%
24) Chloroform-d	5.12	84	195549	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	112280	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	396169	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.74	67	129055	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.93	98	367615	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.22	79	54962	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.69	63	245267	46.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106371	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	122641	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

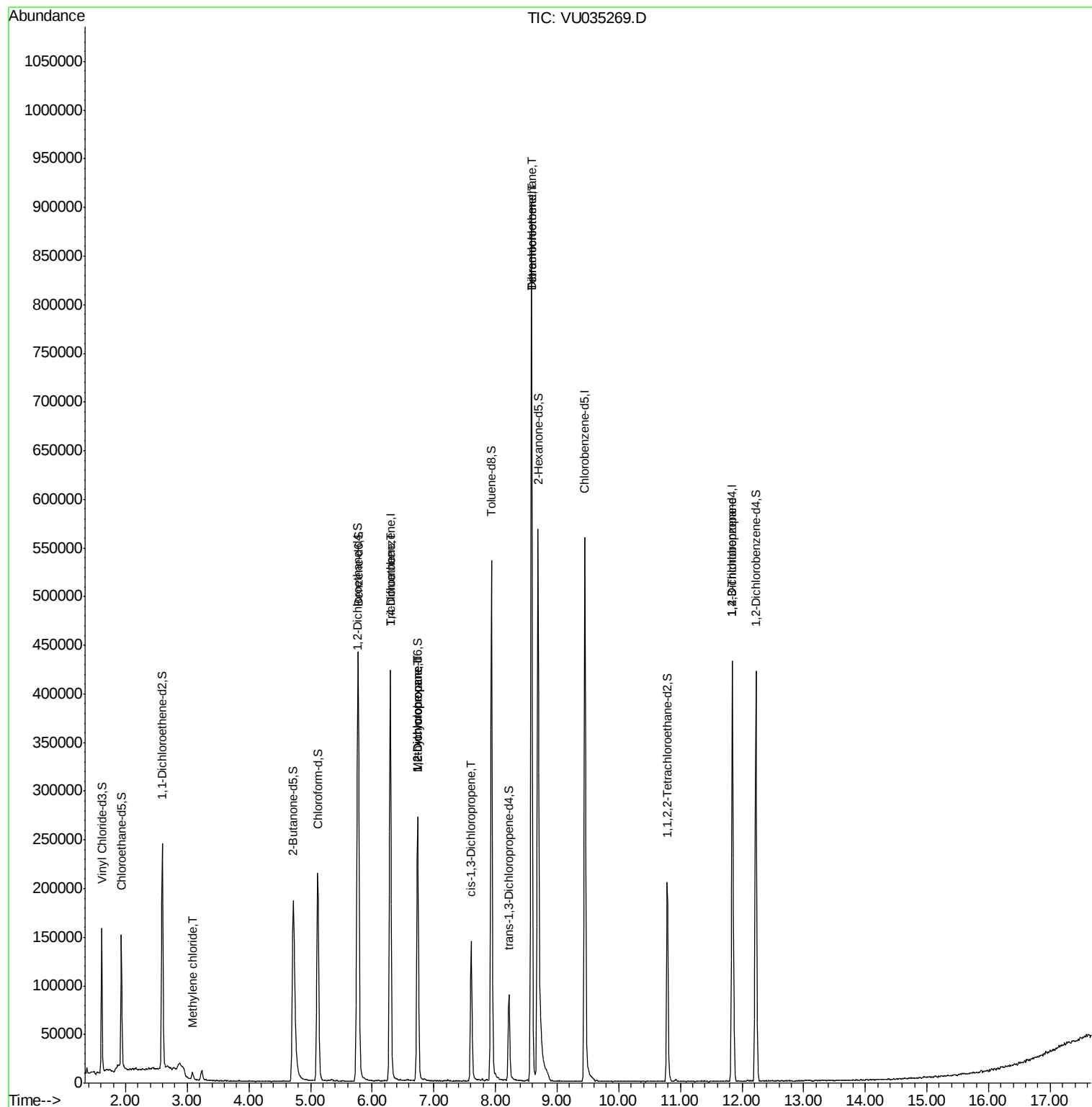
					Ovalue
16) Methylene chloride	3.09	84	3305	0.121 ug/L	94
34) Trichloroethene	6.29	95	6441	0.240 ug/L #	3
35) Methylcyclohexane	6.74	83	29604	0.661 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14661	0.579 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3616	0.085 ug/L #	23
47) Tetrachloroethene	8.58	164	209758	9.390 ug/L	99
49) Dibromochloromethane	8.58	129	186697	7.834 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	16298	0.924 ug/L	95

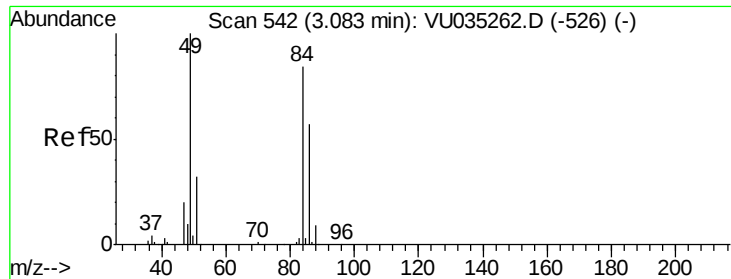
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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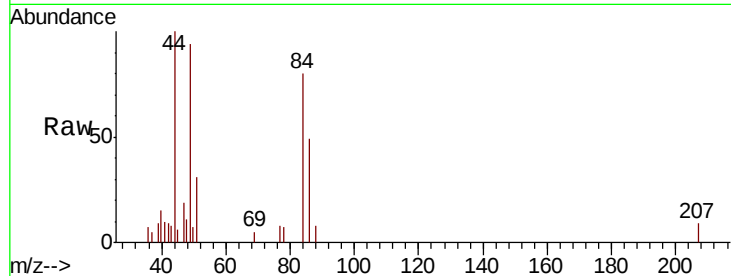




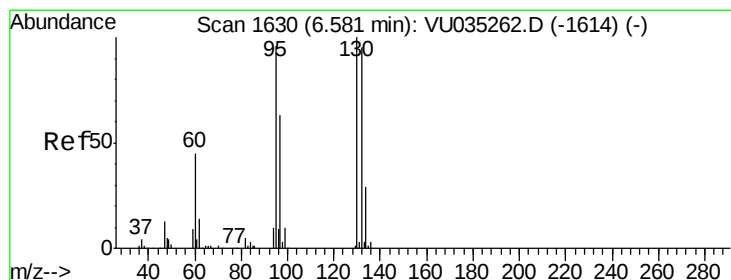
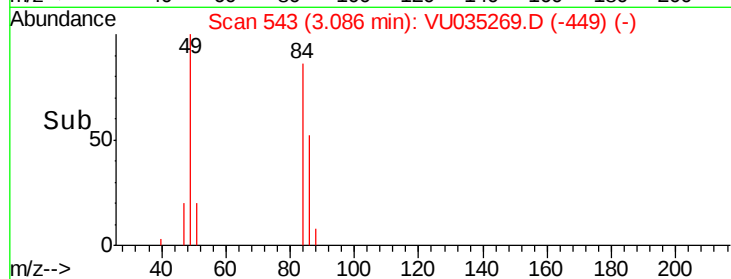
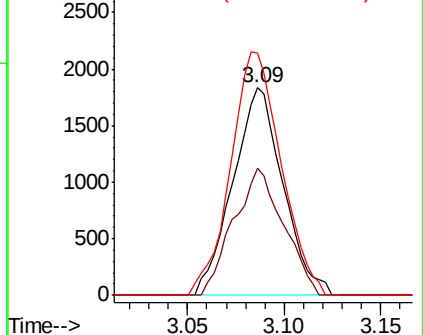
#16
Methvlene chloride
Concen: 0.121 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035269.D
Acq: 18 Oct 2019 16:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3305
Ion Ratio Lower Upper
84 100
86 61.0 45.4 84.2
49 116.4 86.8 161.2

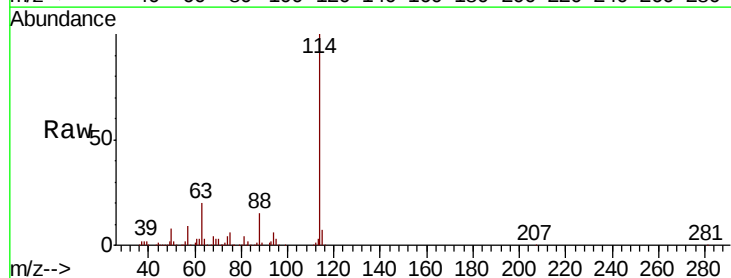


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

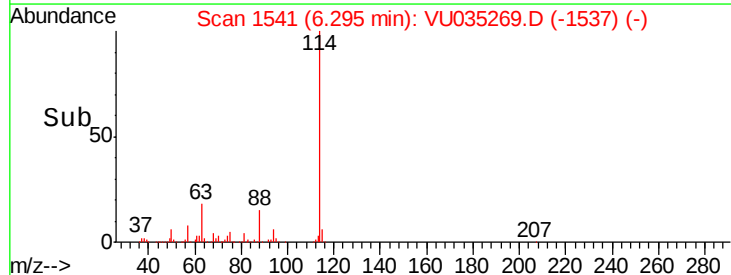
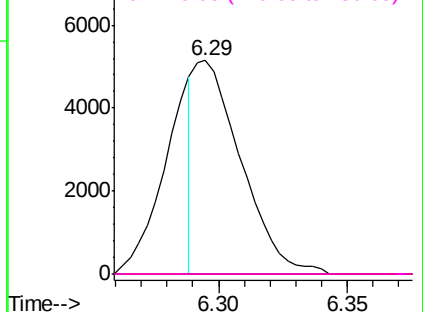


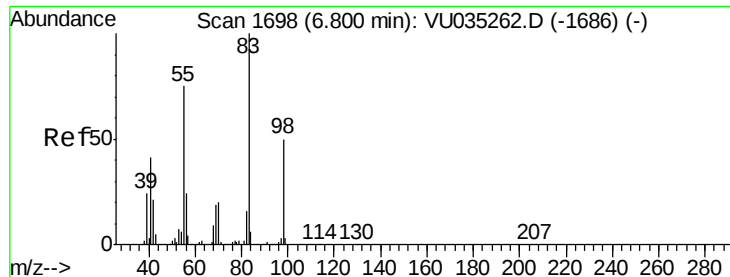
#34
Trichloroethene
Concen: 0.240 ug/L
RT: 6.29 min Scan# 1541
Delta R.T. -0.29 min
Lab File: VU035269.D
Acq: 18 Oct 2019 16:05

Tgt Ion: 95 Resp: 6441
Ion Ratio Lower Upper
95 100
97 0.0 46.6 86.6#
132 0.0 68.7 127.7#
130 0.0 73.9 137.3#



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

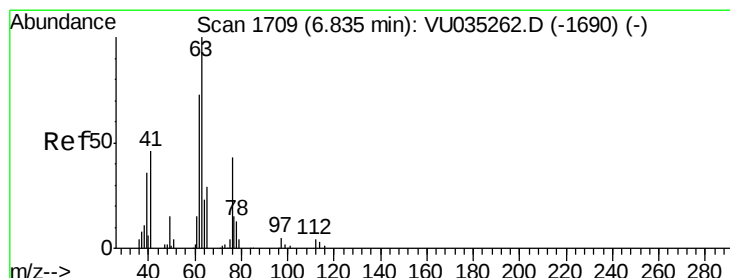
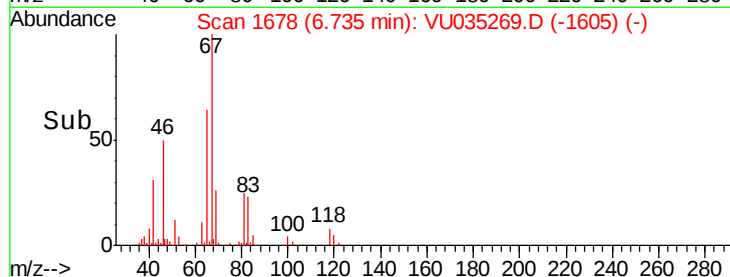
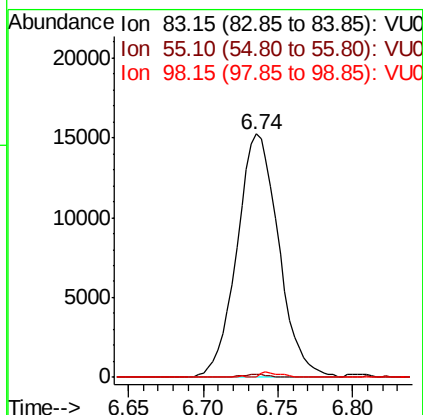
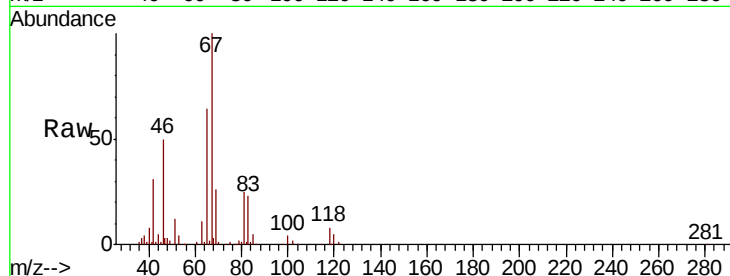




#35
Methvlcvclohexane
Concen: 0.661 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035269.D
Acq: 18 Oct 2019 16:05

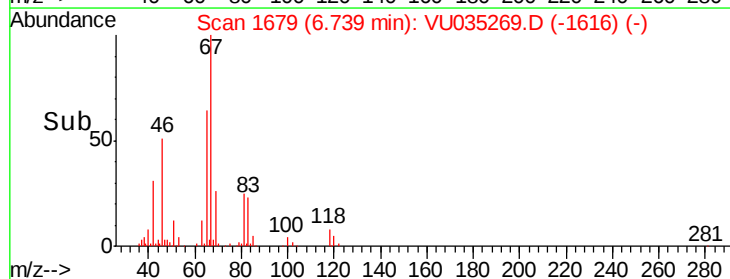
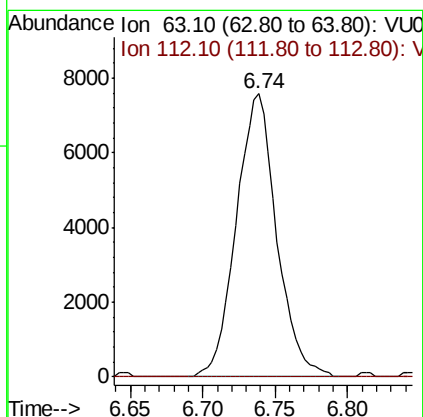
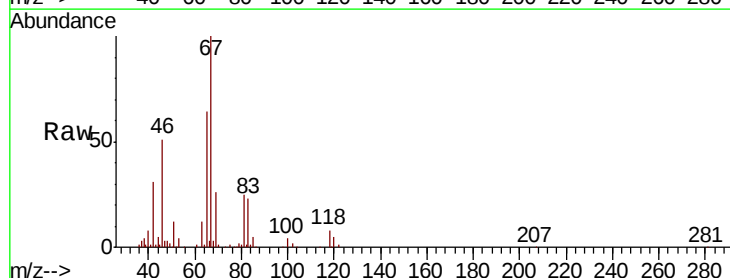
Instrument :
MSVOA_U
ClientSampleId :

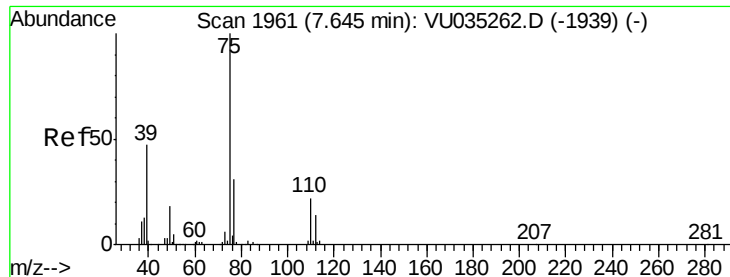
Tot Ion: 83 Resp: 29604
Ion Ratio Lower Upper
83 100
55 0.7 60.4 90.6#
98 1.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.10 min
Lab File: VU035269.D
Acq: 18 Oct 2019 16:05

Tgt Ion: 63 Resp: 14661
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035269.D

Acq: 18 Oct 2019 16:05

Instrument :

MSVOA_U

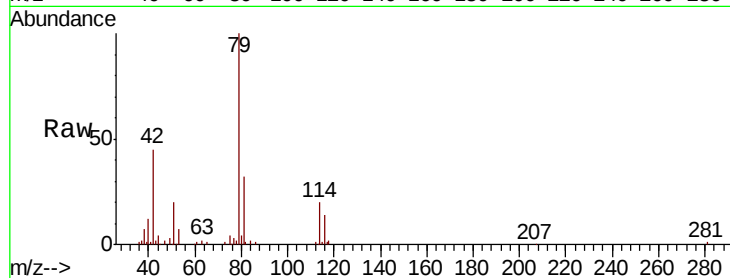
ClientSampleId :

Tot Ion: 75 Resp: 3616

Ion Ratio Lower Upper

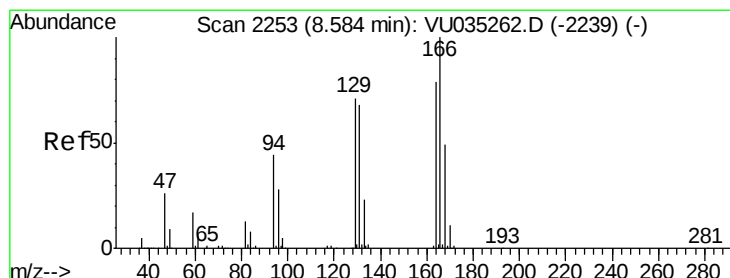
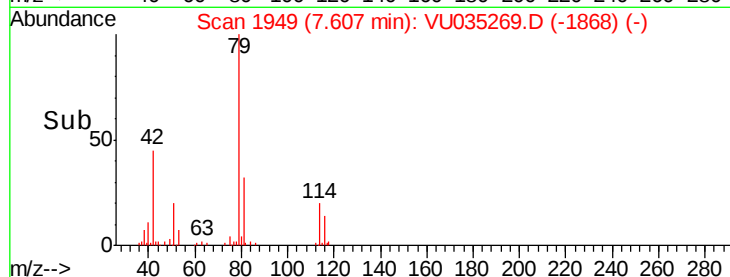
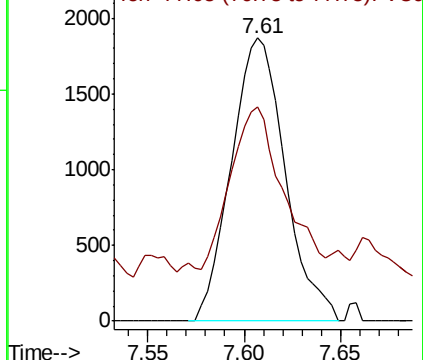
75 100

77 75.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035262.D (-1939) (-)

Ion 77.05 (76.75 to 77.75): VU035262.D (-1939) (-)



#47

Tetrachloroethene

Concen: 9.390 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035269.D

Acq: 18 Oct 2019 16:05

Tgt Ion: 164 Resp: 209758

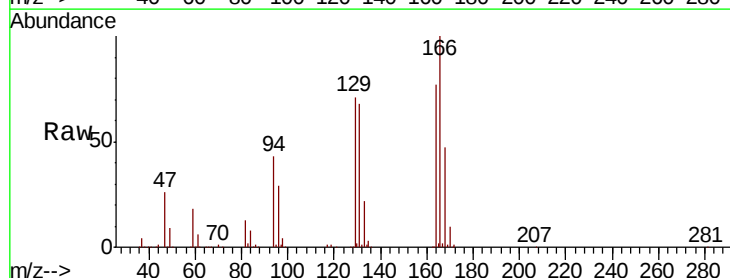
Ion Ratio Lower Upper

164 100

129 92.2 65.2 121.0

131 87.7 62.9 116.9

166 129.8 91.5 169.9

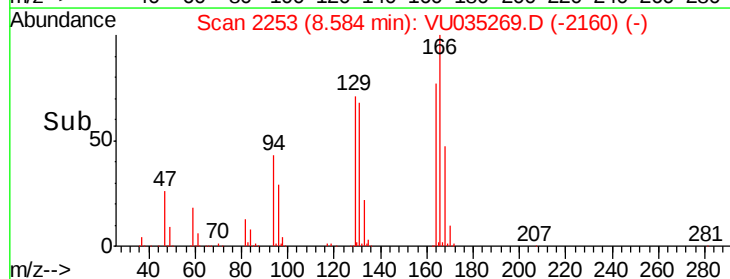
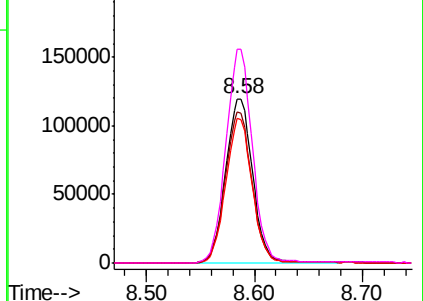


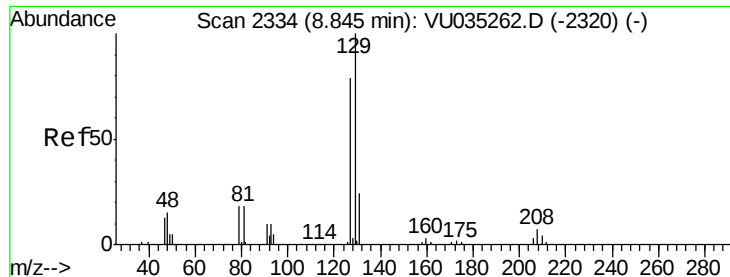
Abundance Ion 163.90 (163.60 to 164.60): VU035262.D (-2239) (-)

Ion 128.95 (128.65 to 129.65): VU035262.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU035262.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU035262.D (-2239) (-)





#49

Dibromochloromethane

Concen: 7.834 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035269.D

Acq: 18 Oct 2019 16:05

Instrument :

MSVOA_U

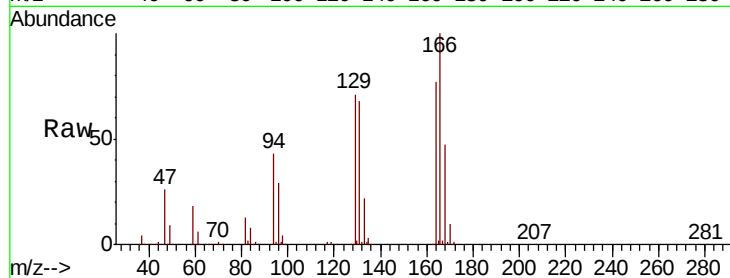
ClientSampleId :

Tot Ion:129 Resp: 186697

Ion Ratio Lower Upper

129 100

127 0.1 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

120000

100000

80000

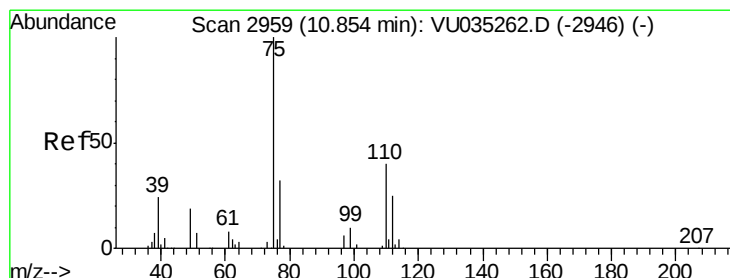
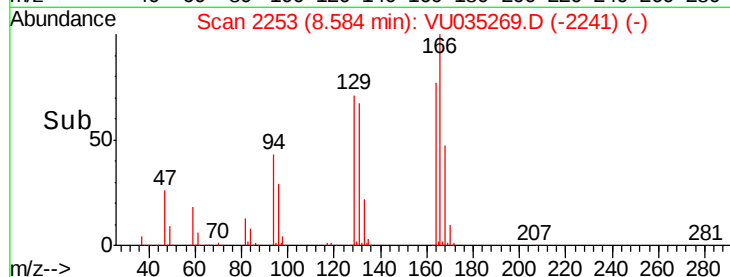
60000

40000

20000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#59

1,2,3-Trichloropropane

Concen: 0.924 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035269.D

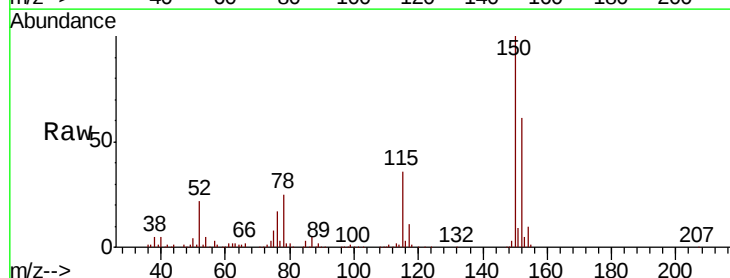
Acq: 18 Oct 2019 16:05

Tgt Ion: 75 Resp: 16298

Ion Ratio Lower Upper

75 100

77 35.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.84

10000

8000

6000

4000

2000

0

Time--> 11.80 11.85 11.90

