

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035275.D
 Acq On : 18 Oct 2019 18:47
 Operator : JC/SP
 Sample : K5321-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:42:19 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	6.30	114	326855	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	314383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	128673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90934	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	86514	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	126402	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.72	46	268202	46.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.66%
24) Chloroform-d	5.12	84	177859	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.75	65	99060	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	353295	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.74	67	114775	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	329035	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.22	79	49096	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.69	63	216207	44.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	97176	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	110910	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

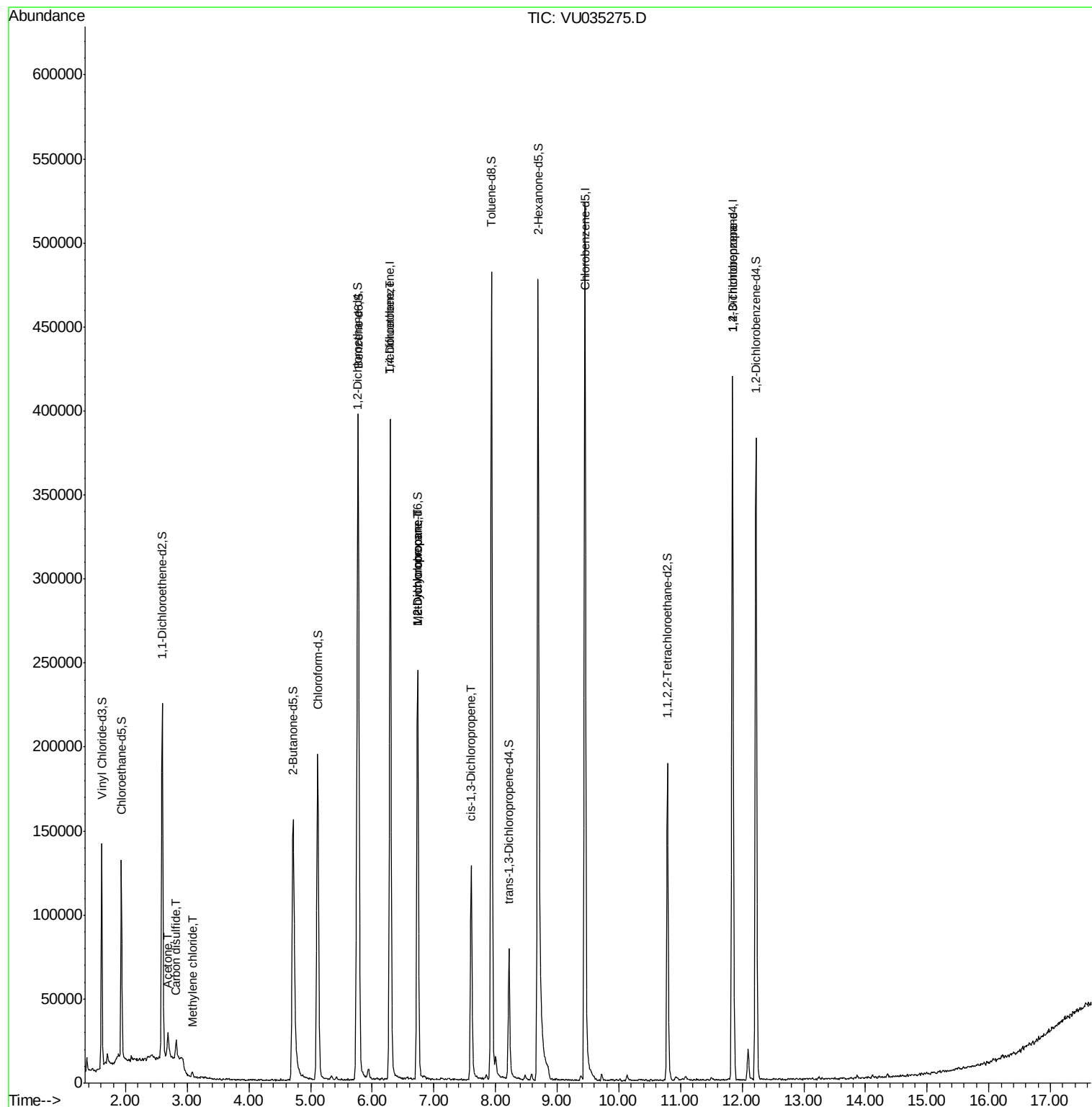
					Ovalue
13) Acetone	2.69	43	20277	5.090	ug/L 96
14) Carbon disulfide	2.82	76	13836	0.208	ug/L # 91
16) Methylene chloride	3.08	84	1533	0.061	ug/L 76
34) Trichloroethene	6.30	95	5789	0.233	ug/L # 3
35) Methylcyclohexane	6.74	83	25842	0.622	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	13303	0.567	ug/L # 86
39) cis-1,3-Dichloropropene	7.61	75	3393	0.086	ug/L # 43
59) 1,2,3-Trichloropropane	11.84	75	15905	0.972	ug/L # 88

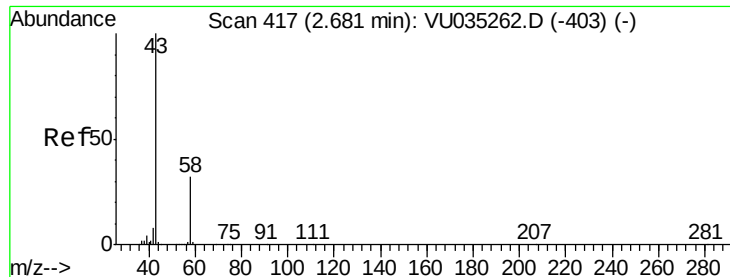
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.090 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU035275.D

Acq: 18 Oct 2019 18:47

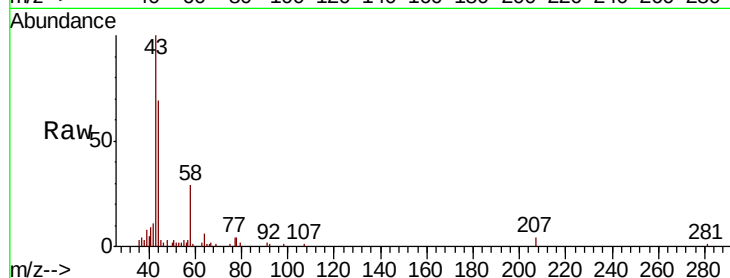
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 20277

Ion Ratio Lower Upper

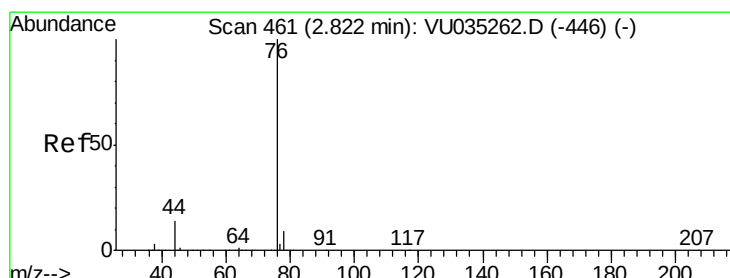
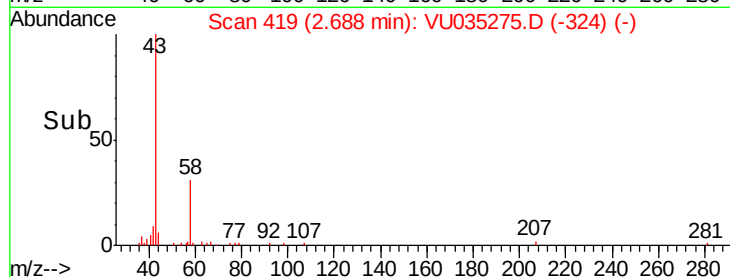
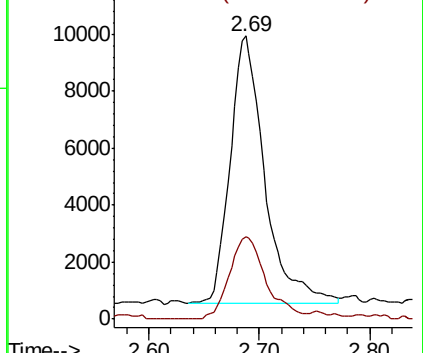
43 100

58 33.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035275.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU035275.D (-324) (-)



#14

Carbon disulfide

Concen: 0.208 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035275.D

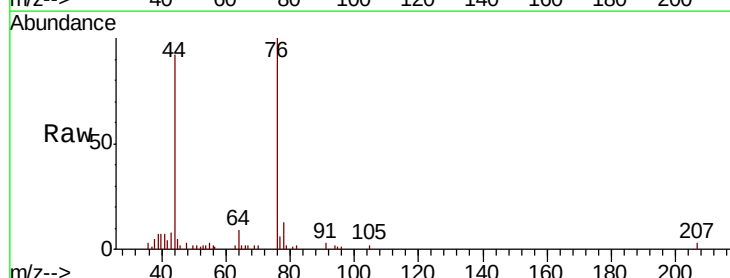
Acq: 18 Oct 2019 18:47

Tgt Ion: 76 Resp: 13836

Ion Ratio Lower Upper

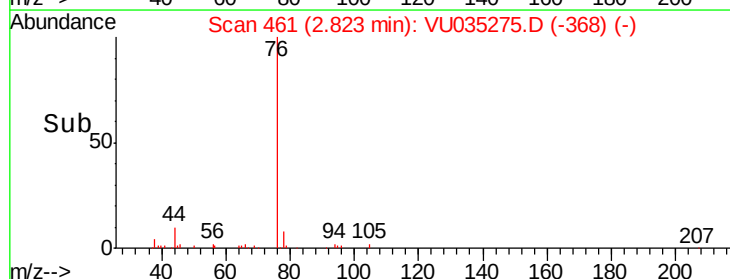
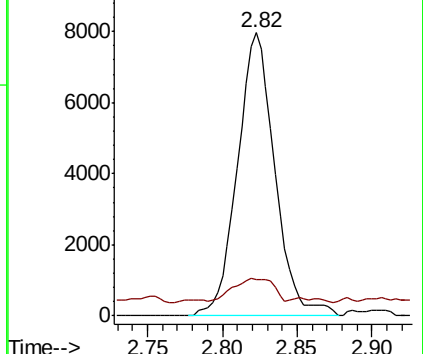
76 100

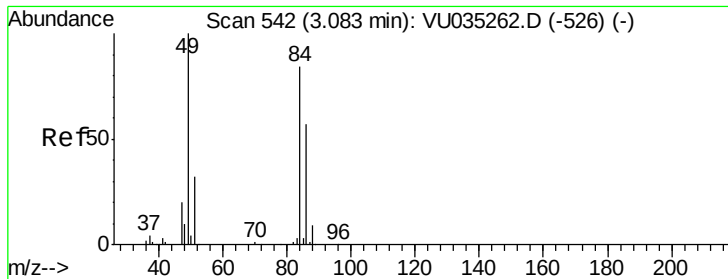
78 12.8 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU035275.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU035275.D (-368) (-)

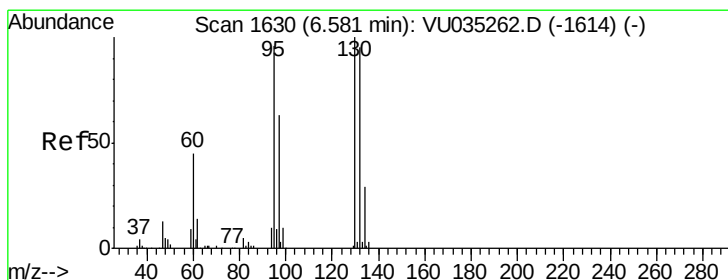
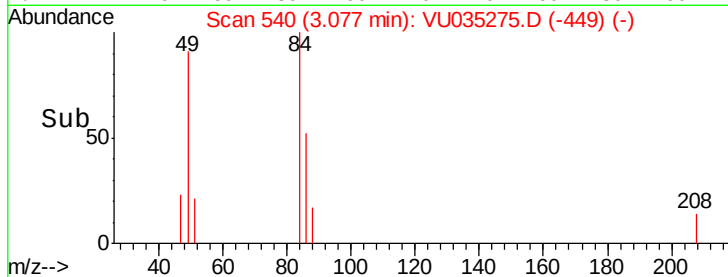
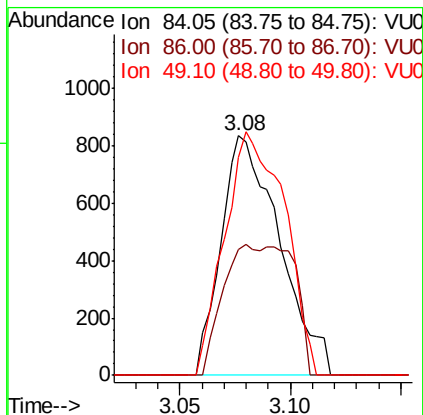
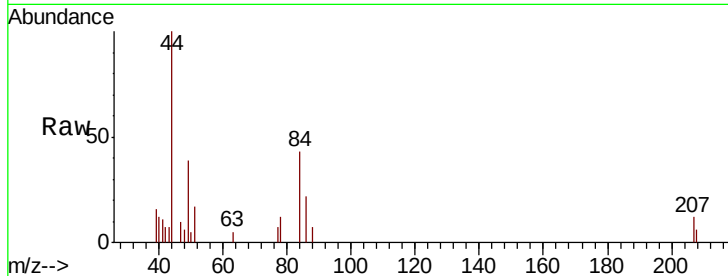




#16
Methylene chloride
Concen: 0.061 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.01 min
Lab File: VU035275.D
Acq: 18 Oct 2019 18:47

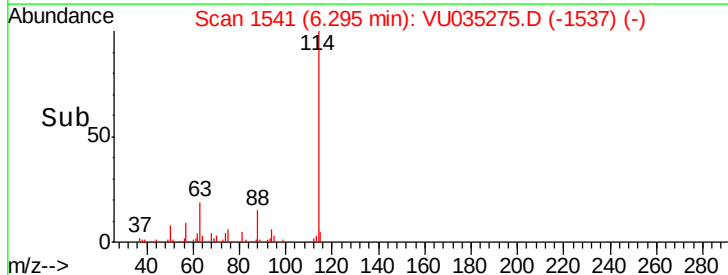
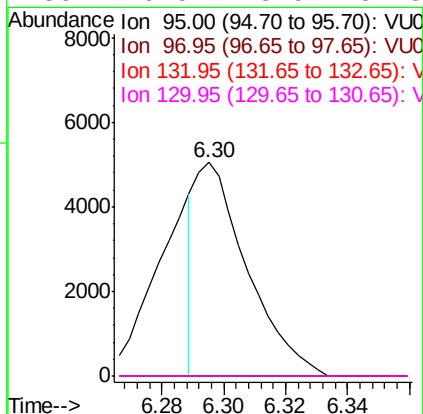
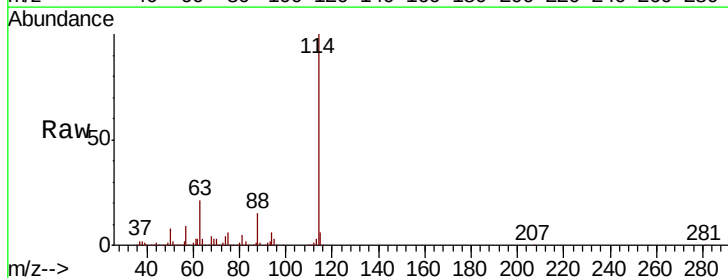
Instrument :
MSVOA_U
ClientSampled :

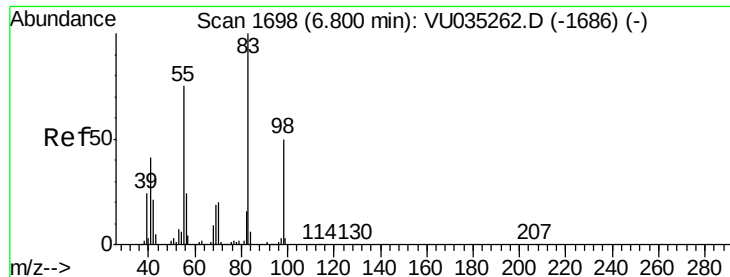
Tot Ion: 84 Resp: 1533
Ion Ratio Lower Upper
84 100
86 52.4 45.4 84.2
49 91.2 86.8 161.2



#34
Trichloroethene
Concen: 0.233 ug/L
RT: 6.30 min Scan# 1541
Delta R.T. -0.29 min
Lab File: VU035275.D
Acq: 18 Oct 2019 18:47

Tgt Ion: 95 Resp: 5789
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#





#35

Methylcyclohexane

Concen: 0.622 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035275.D

Acq: 18 Oct 2019 18:47

Instrument :

MSVOA_U

ClientSampleId :

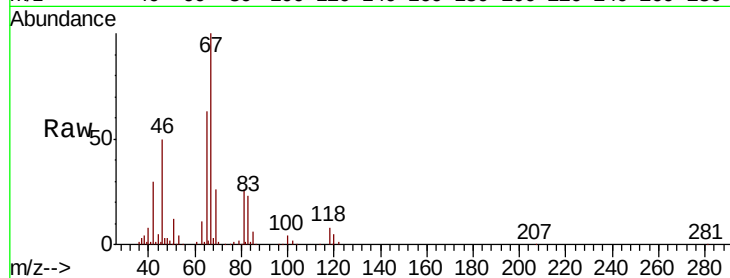
Tot Ion: 83 Resp: 25842

Ion Ratio Lower Upper

83 100

55 0.4 60.4 90.6#

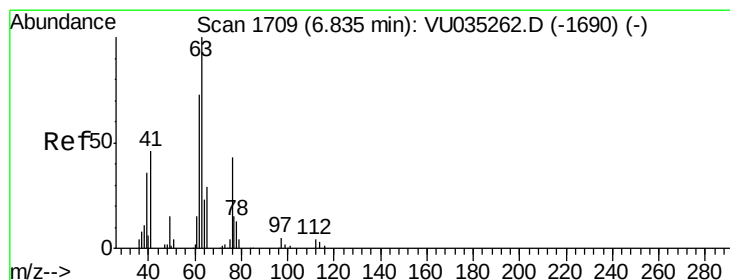
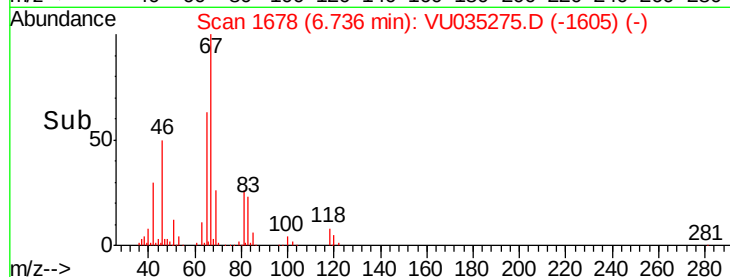
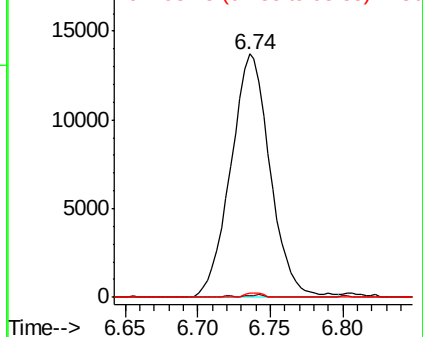
98 0.7 39.5 59.3#



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: 0.567 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.10 min

Lab File: VU035275.D

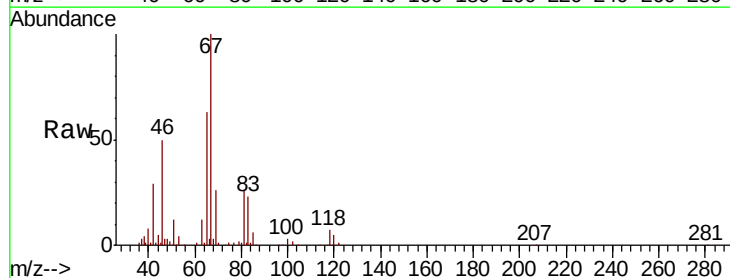
Acq: 18 Oct 2019 18:47

Tgt Ion: 63 Resp: 13303

Ion Ratio Lower Upper

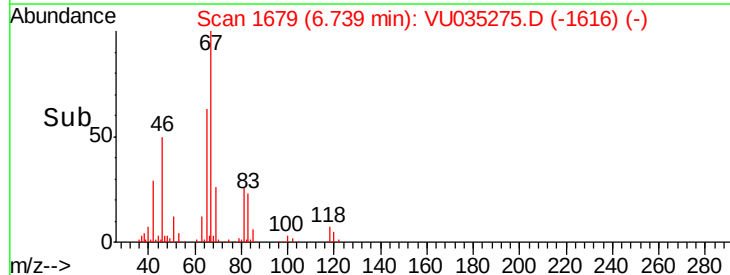
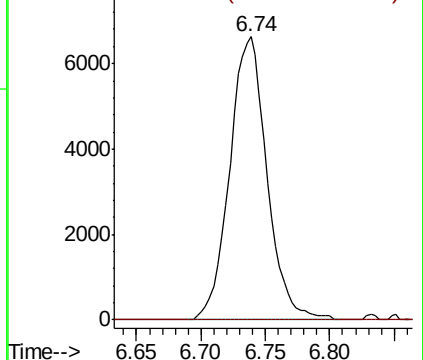
63 100

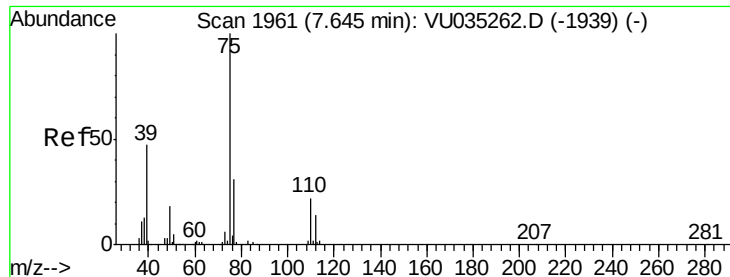
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035275.D

Acq: 18 Oct 2019 18:47

Instrument :

MSVOA_U

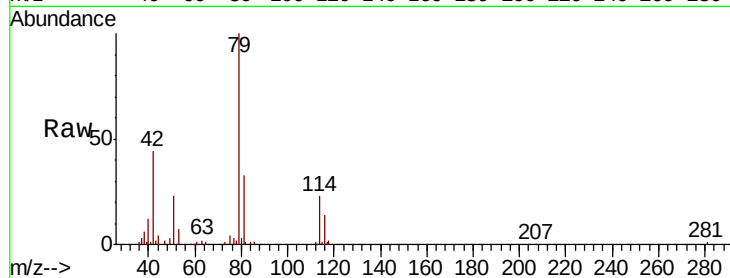
ClientSampleId :

Tot Ion: 75 Resp: 3393

Ion Ratio Lower Upper

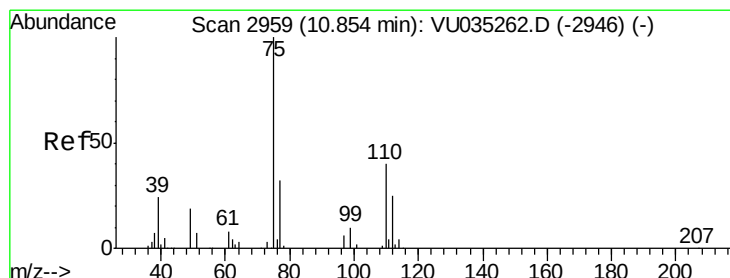
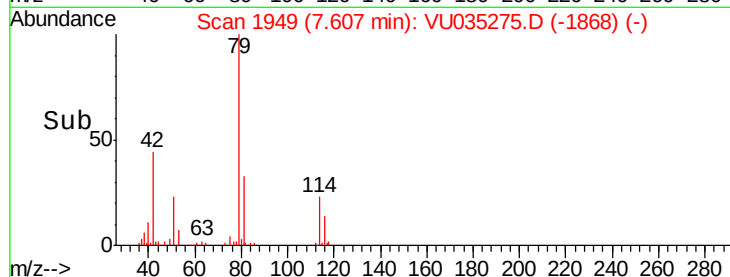
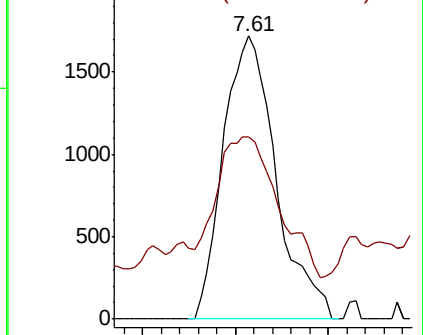
75 100

77 64.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.972 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035275.D

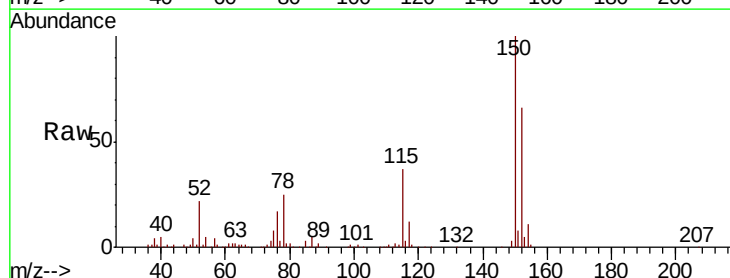
Acq: 18 Oct 2019 18:47

Tgt Ion: 75 Resp: 15905

Ion Ratio Lower Upper

75 100

77 39.5 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

