

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035268.D
 Acq On : 18 Oct 2019 15:43
 Operator : JC/SP
 Sample : K5318-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:41:23 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	354642	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	338199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	137745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98446	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	95630	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.60	63	138657	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.72	46	295142	47.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	5.12	84	192135	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	109911	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.77	84	392678	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.74	67	127678	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.93	98	359983	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.22	79	55811	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.69	63	252455	48.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108507	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	123907	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

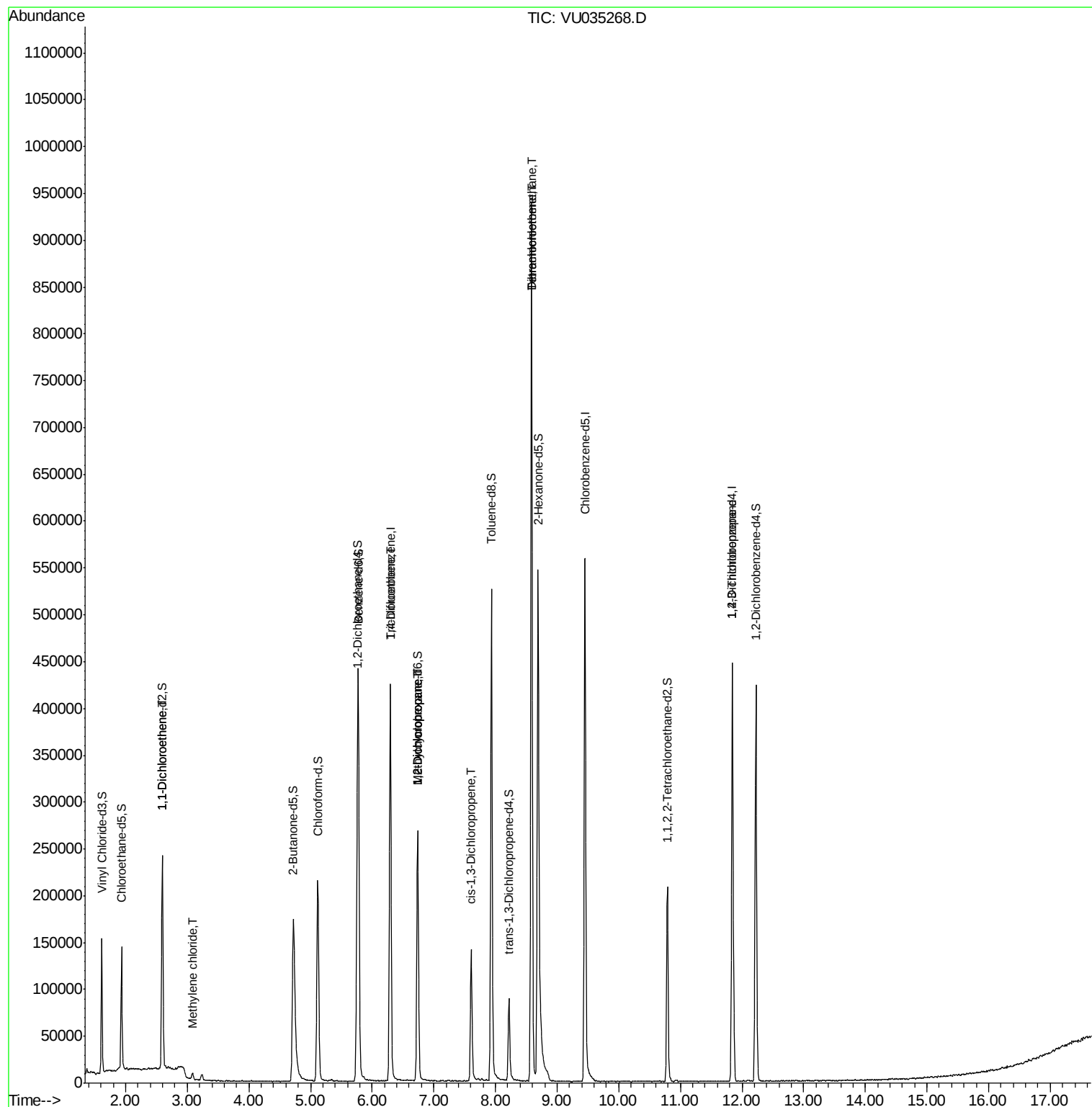
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1393	0.061 ug/L #	1
16) Methylene chloride	3.09	84	3199	0.117 ug/L	88
34) Trichloroethene	6.29	95	6829	0.255 ug/L #	3
35) Methylcyclohexane	6.74	83	30611	0.685 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14055	0.556 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3713	0.088 ug/L #	32
47) Tetrachloroethene	8.58	164	217790	9.772 ug/L	98
49) Dibromochloromethane	8.58	129	192352	8.090 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	16993	0.966 ug/L	97

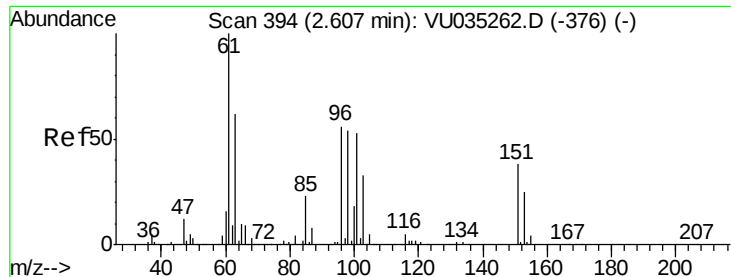
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.60 min Scan# 391

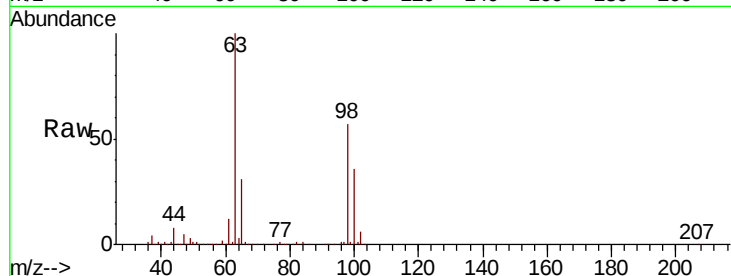
Delta R.T. -0.01 min

Lab File: VU035268.D

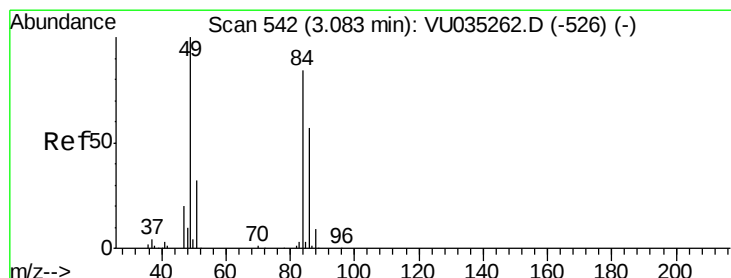
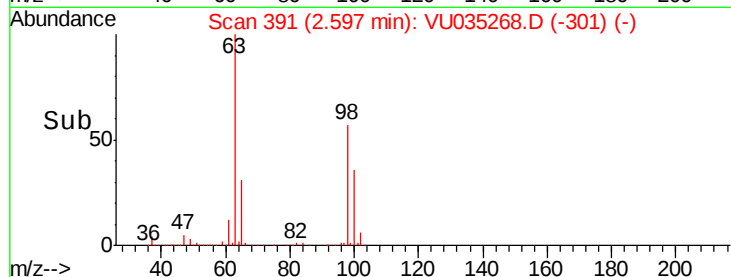
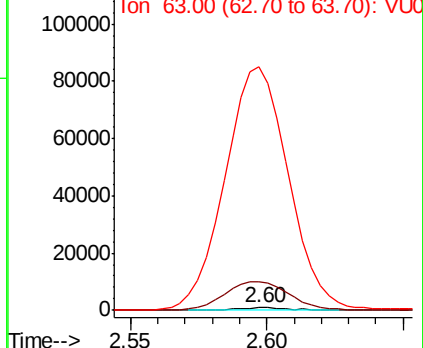
Acq: 18 Oct 2019 15:43

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 1393
Ion Ratio Lower Upper
96 100
61 1103.9 120.6 224.0#
63 9251.8 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.117 ug/L

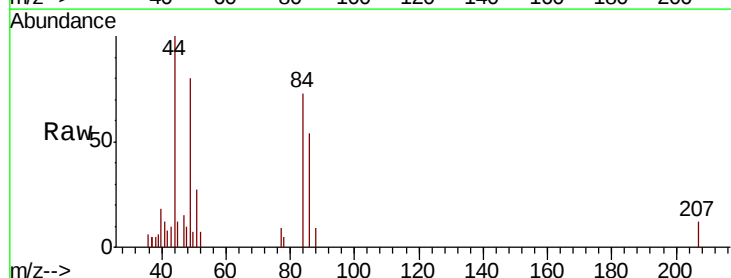
RT: 3.09 min Scan# 544

Delta R.T. 0.01 min

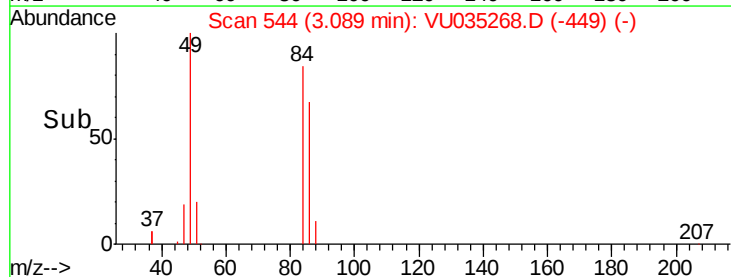
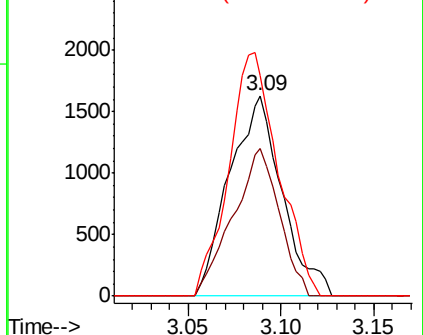
Lab File: VU035268.D

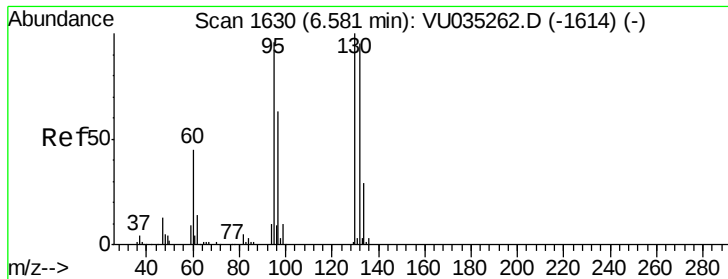
Acq: 18 Oct 2019 15:43

Tgt Ion: 84 Resp: 3199
Ion Ratio Lower Upper
84 100
86 73.5 45.4 84.2
49 110.0 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: 0.255 ug/L

RT: 6.29 min Scan# 1541

Delta R.T. -0.29 min

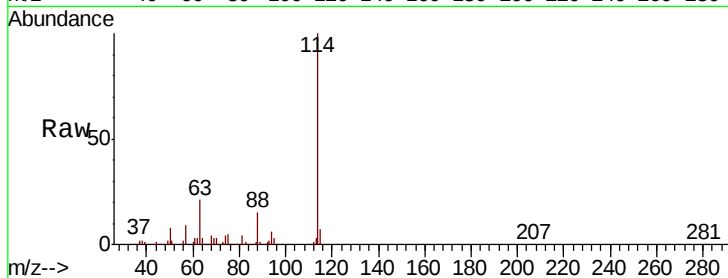
Lab File: VU035268.D

Acq: 18 Oct 2019 15:43

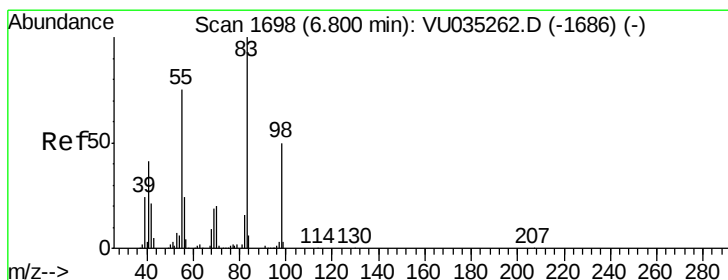
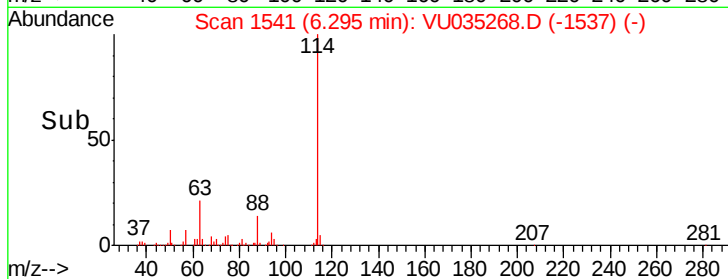
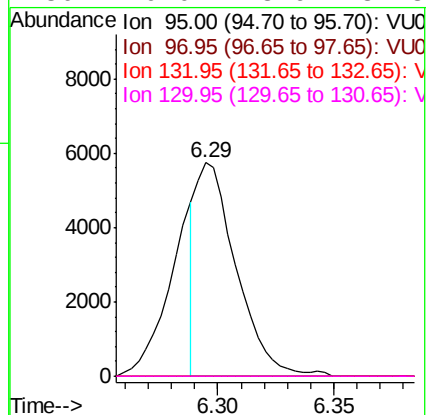
Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:	95	Resp:	6829
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: 0.685 ug/L

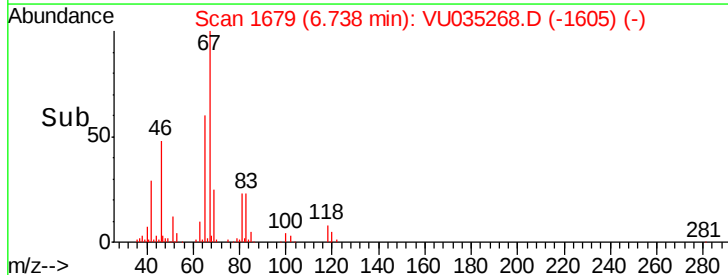
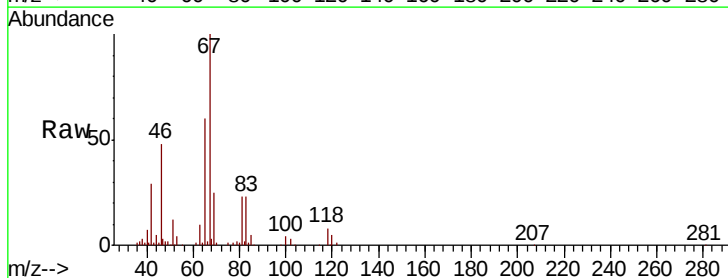
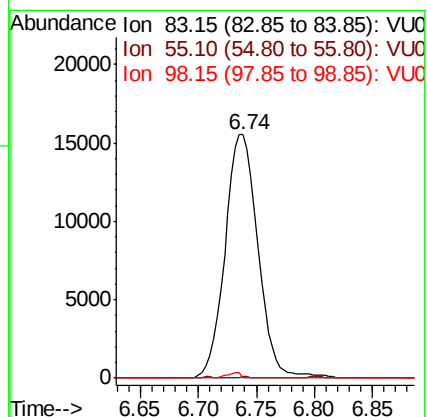
RT: 6.74 min Scan# 1679

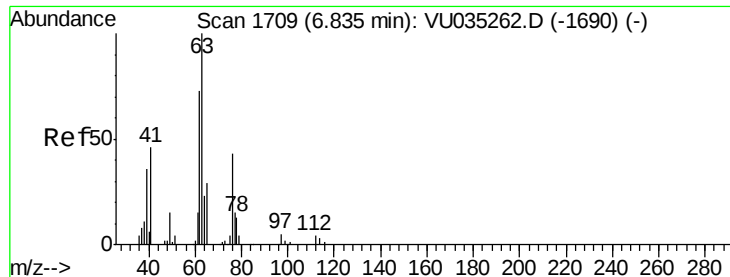
Delta R.T. -0.06 min

Lab File: VU035268.D

Acq: 18 Oct 2019 15:43

Tgt Ion:	83	Resp:	30611
Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	0.9	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.556 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.10 min

Lab File: VU035268.D

Acq: 18 Oct 2019 15:43

Instrument :

MSVOA_U

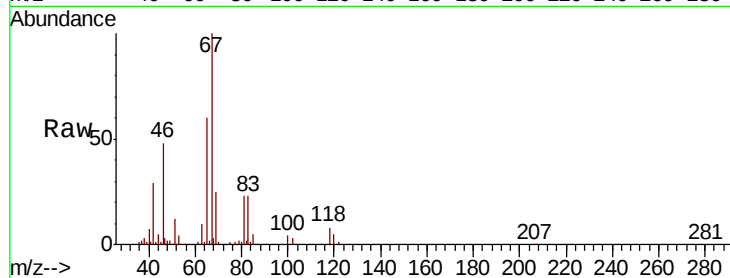
ClientSampleId :

Tot Ion: 63 Resp: 14055

Ion Ratio Lower Upper

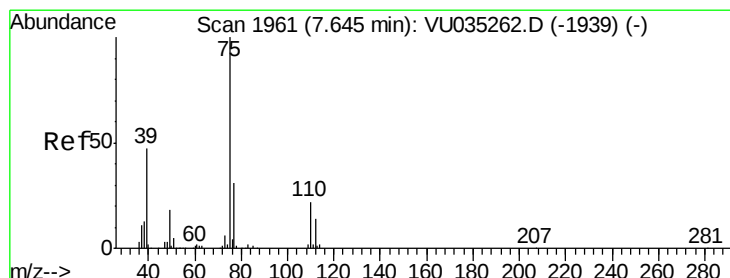
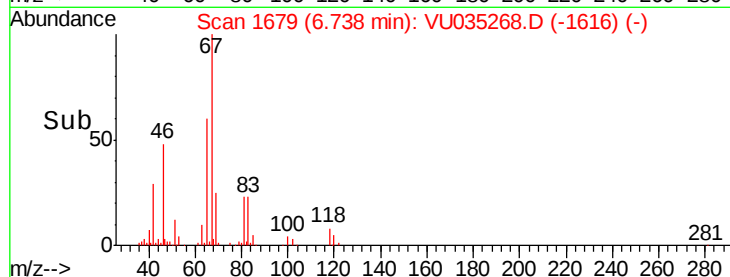
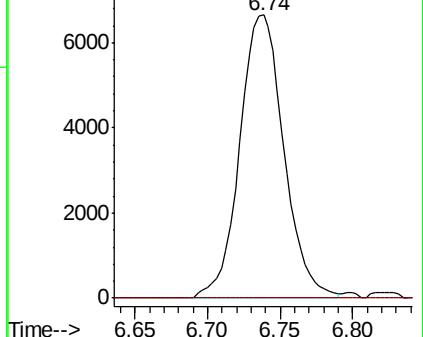
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035268.D (-1679) (-)

Ion 112.10 (111.80 to 112.80): VU035268.D (-1679) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.61 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VU035268.D

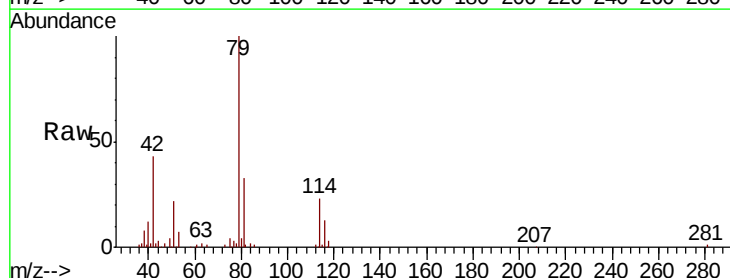
Acq: 18 Oct 2019 15:43

Tgt Ion: 75 Resp: 3713

Ion Ratio Lower Upper

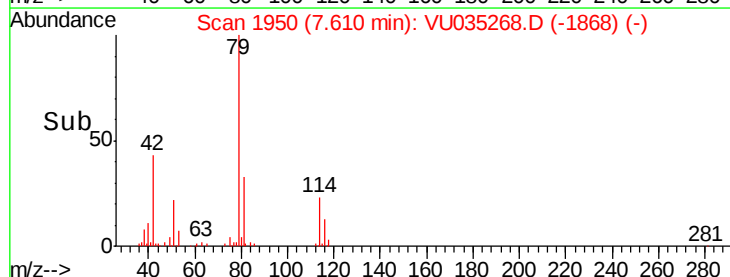
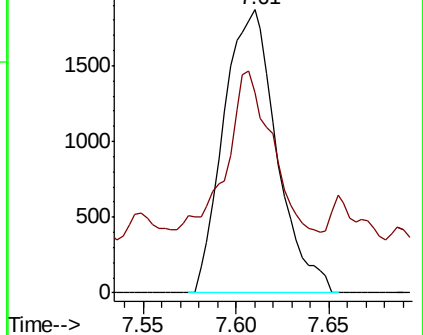
75 100

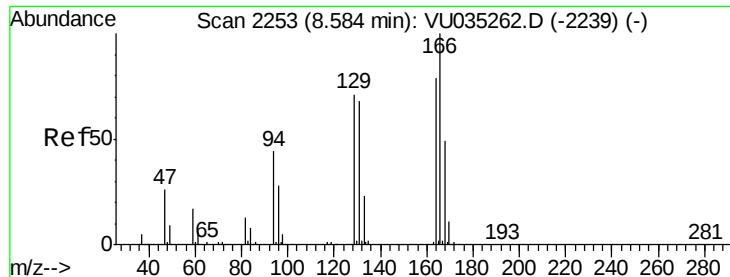
77 70.6 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035268.D (-1868) (-)

Ion 77.05 (76.75 to 77.75): VU035268.D (-1868) (-)

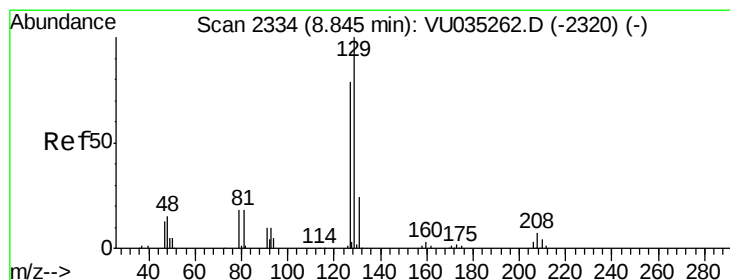
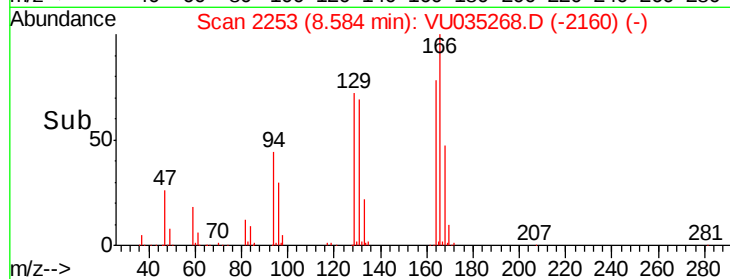
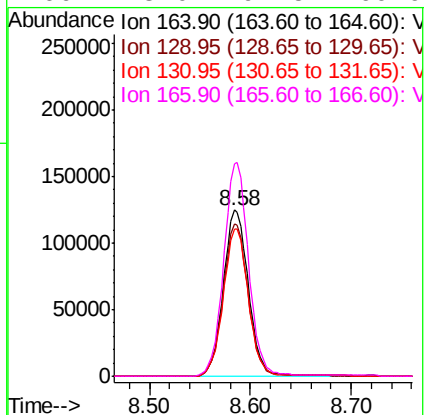
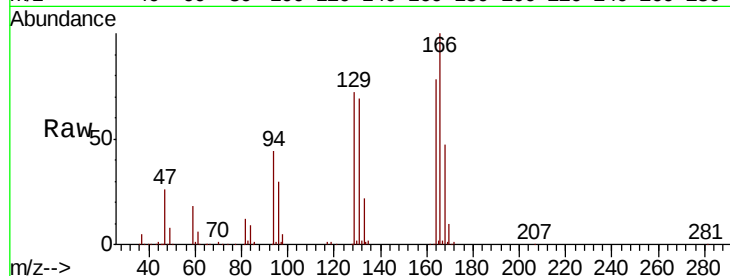




#47
Tetrachloroethene
Concen: 9.772 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035268.D
Acq: 18 Oct 2019 15:43

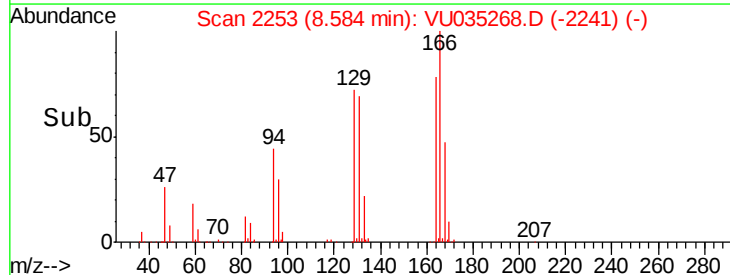
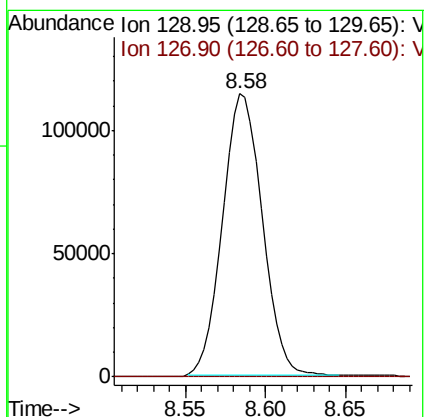
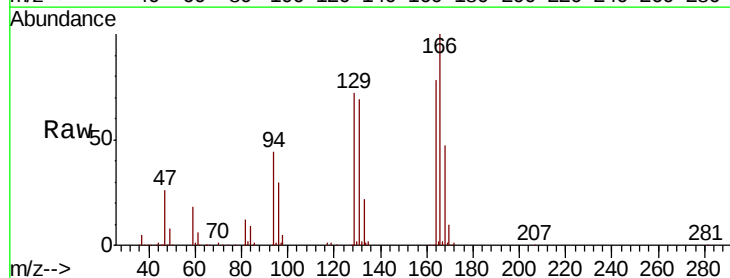
Instrument :
MSVOA_U
ClientSampled :

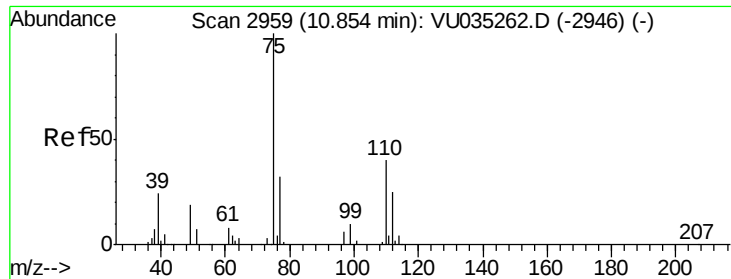
Tot Ion	Ratio	Lower	Upper
164	100		
129	91.9	65.2	121.0
131	88.7	62.9	116.9
166	128.0	91.5	169.9



#49
Dibromochloromethane
Concen: 8.090 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035268.D
Acq: 18 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.8	99.8#





#59

1,2,3-Trichloropropane

Concen: 0.966 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035268.D

Acq: 18 Oct 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 16993

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2

