

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035264.D
 Acq On : 18 Oct 2019 14:06
 Operator : JC/SP
 Sample : K5317-06DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:40:54 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	348712	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	333776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	134819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97563	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	92279	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	137563	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.71	46	277584	45.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.86%
24) Chloroform-d	5.11	84	191934	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	108944	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.77	84	390936	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.74	67	126551	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.93	98	364544	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	8.22	79	54429	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.68	63	234864	45.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104318	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	121706	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

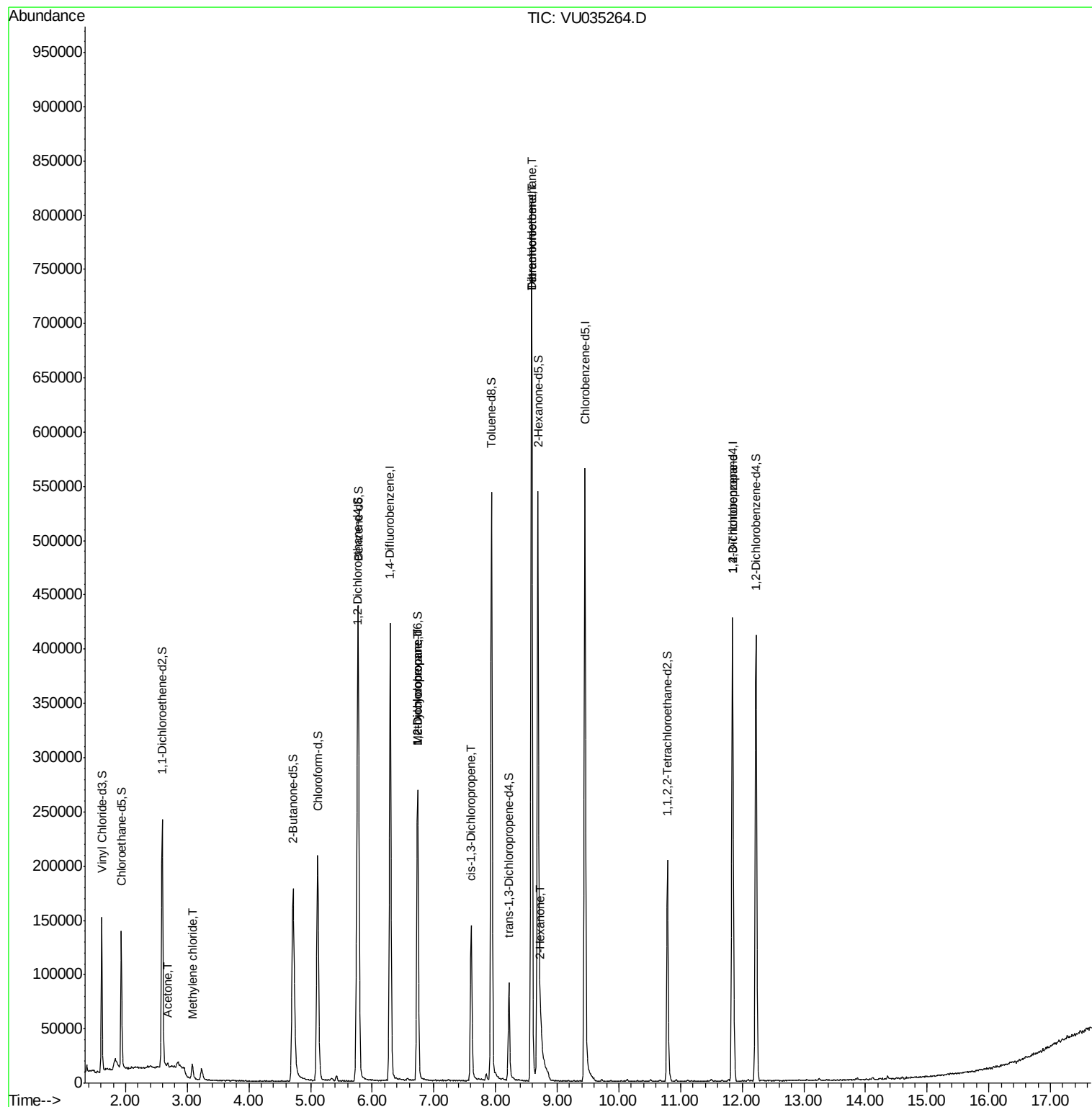
					Ovalue
13) Acetone	2.68	43	3727	0.877 ug/L	97
16) Methylene chloride	3.08	84	6778	0.251 ug/L	98
35) Methylcyclohexane	6.74	83	29319	0.664 ug/L #	20
37) 1,2-Dichloropropane	6.74	63	14588	0.585 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	4066	0.097 ug/L #	48
47) Tetrachloroethene	8.58	164	182622	8.302 ug/L	98
48) 2-Hexanone	8.74	43	11587	0.982 ug/L #	81
49) Dibromochloromethane	8.58	129	164379	7.005 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	15288	0.880 ug/L #	85

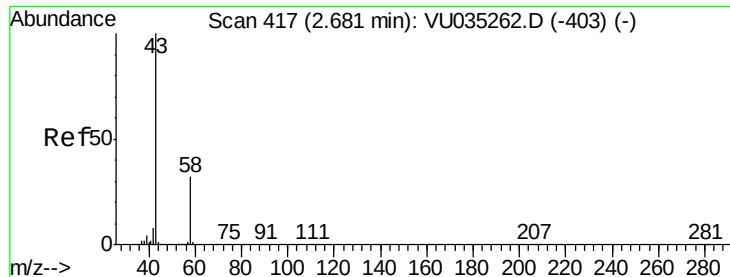
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.877 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU035264.D

Acq: 18 Oct 2019 14:06

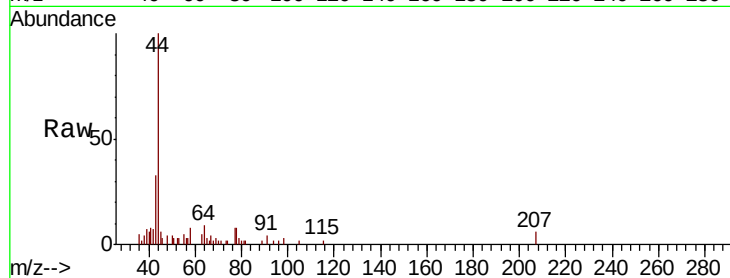
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3727

Ion Ratio Lower Upper

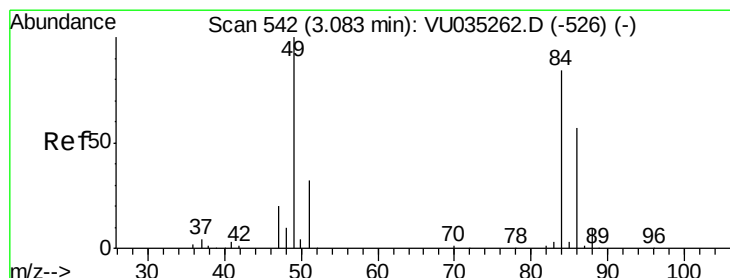
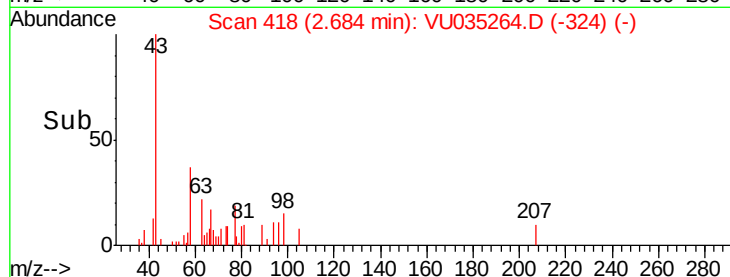
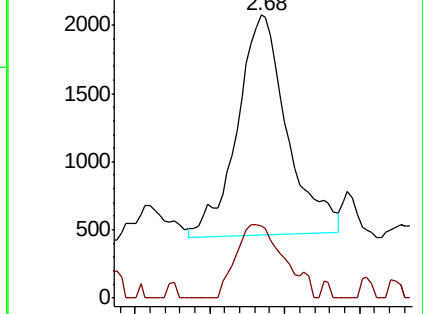
43 100

58 32.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035262.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035262.D (-403) (-)



#16

Methylene chloride

Concen: 0.251 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035264.D

Acq: 18 Oct 2019 14:06

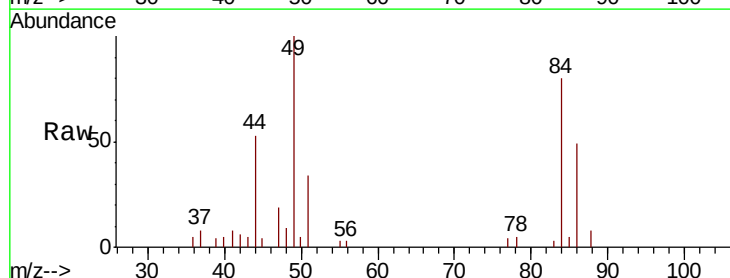
Tgt Ion: 84 Resp: 6778

Ion Ratio Lower Upper

84 100

86 61.4 45.4 84.2

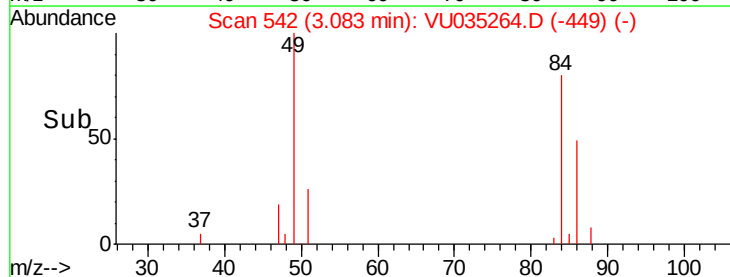
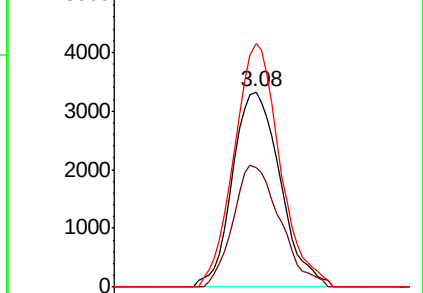
49 124.6 86.8 161.2

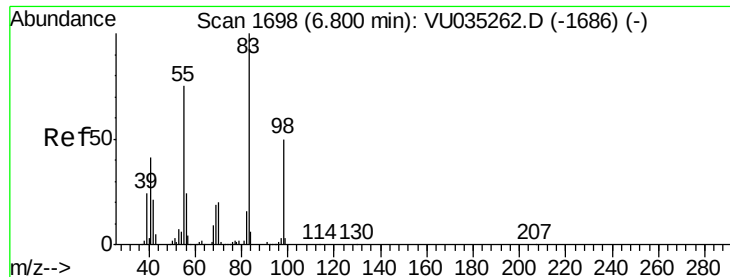


Abundance Ion 84.05 (83.75 to 84.75): VU035262.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035262.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035262.D (-526) (-)





#35

Methylcyclohexane

Concen: 0.664 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035264.D

Acq: 18 Oct 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

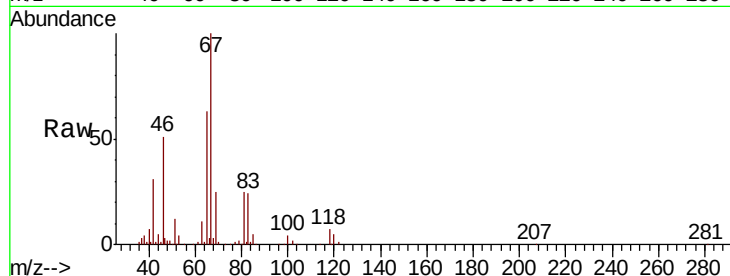
Tot Ion: 83 Resp: 29319

Ion Ratio Lower Upper

83 100

55 1.1 60.4 90.6#

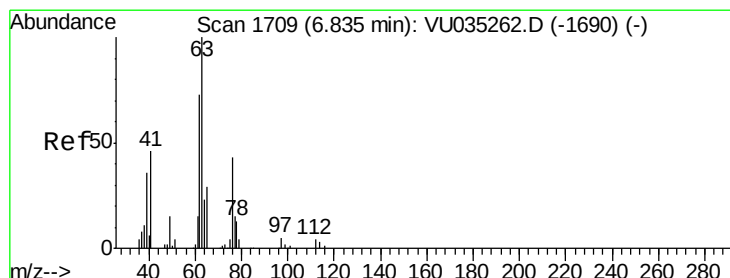
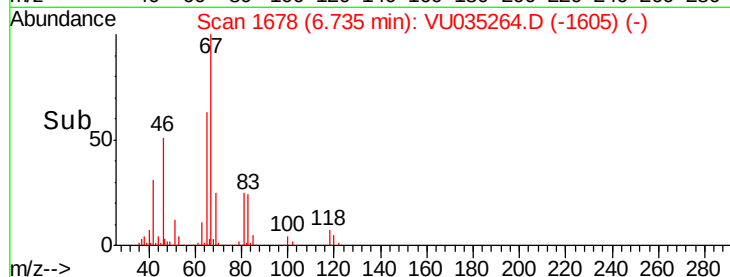
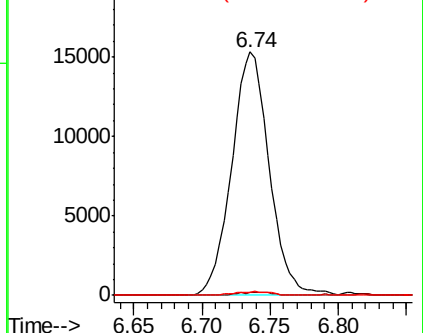
98 1.4 39.5 59.3#



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: 0.585 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035264.D

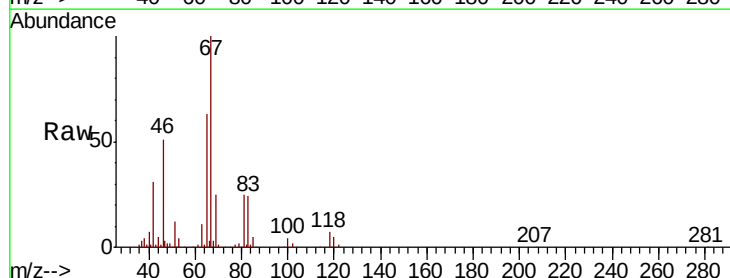
Acq: 18 Oct 2019 14:06

Tgt Ion: 63 Resp: 14588

Ion Ratio Lower Upper

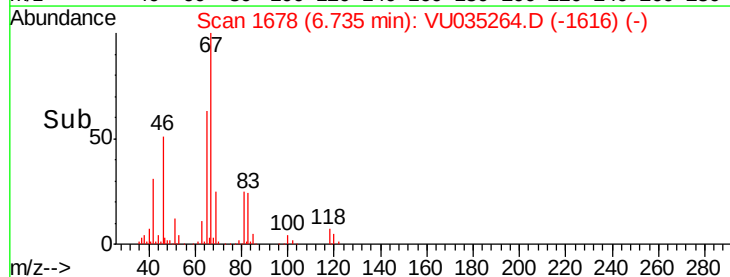
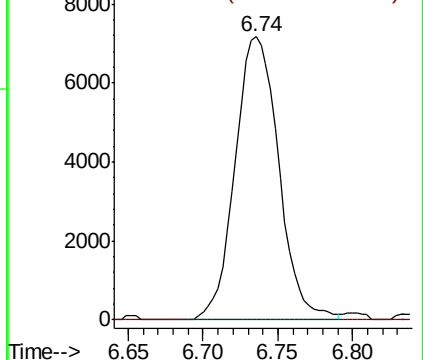
63 100

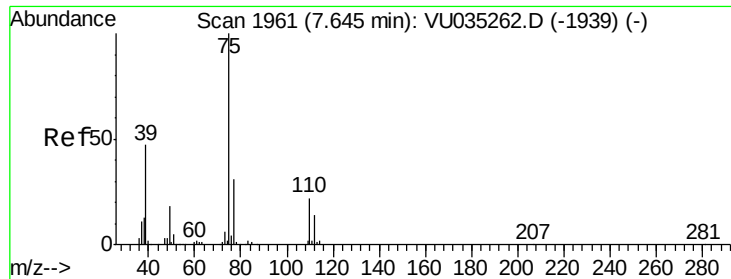
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



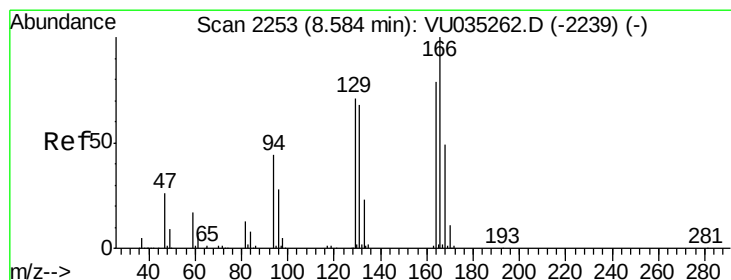
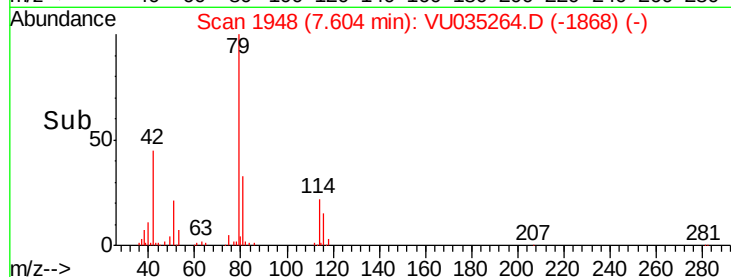
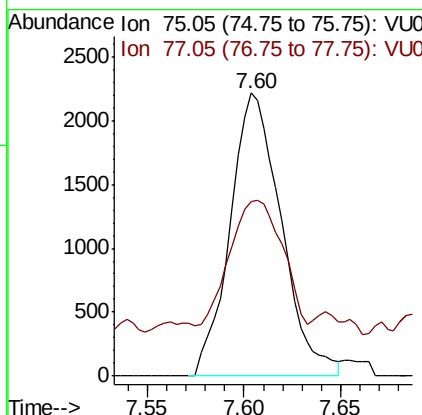
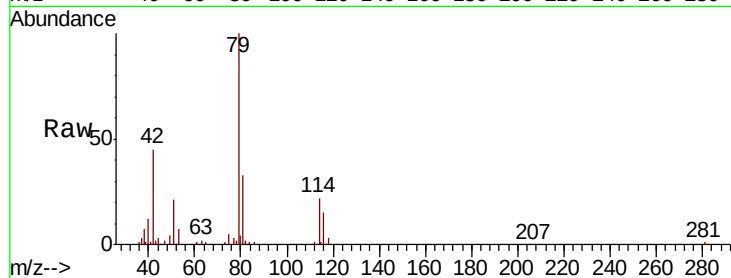


#39

cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035264.D
 Acq: 18 Oct 2019 14:06

Instrument :
 MSVOA_U
 ClientSampleId :

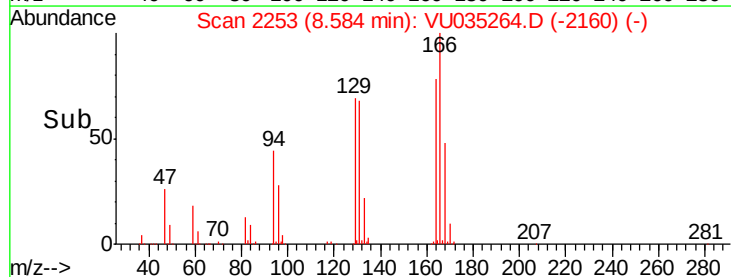
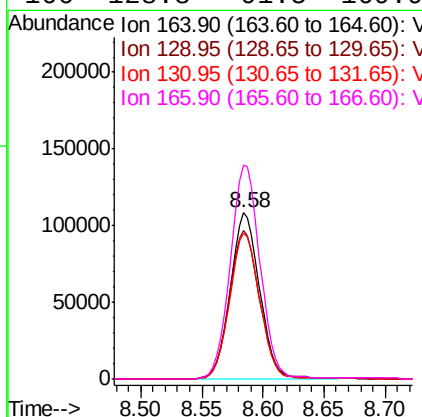
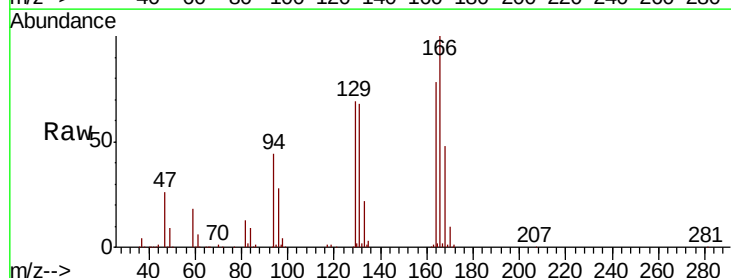
Tot Ion: 75 Resp: 4066
 Ion Ratio Lower Upper
 75 100
 77 61.7 22.7 42.1#

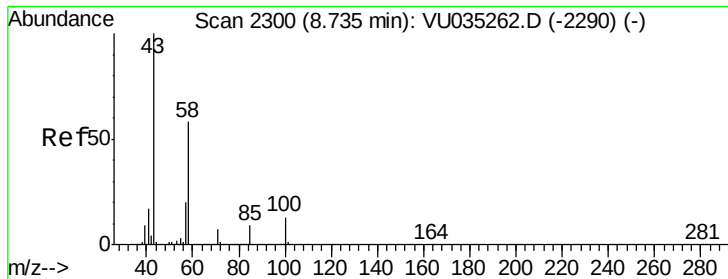


#47

Tetrachloroethene
 Concen: 8.302 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035264.D
 Acq: 18 Oct 2019 14:06

Tgt Ion: 164 Resp: 182622
 Ion Ratio Lower Upper
 164 100
 129 89.3 65.2 121.0
 131 87.8 62.9 116.9
 166 128.8 91.5 169.9

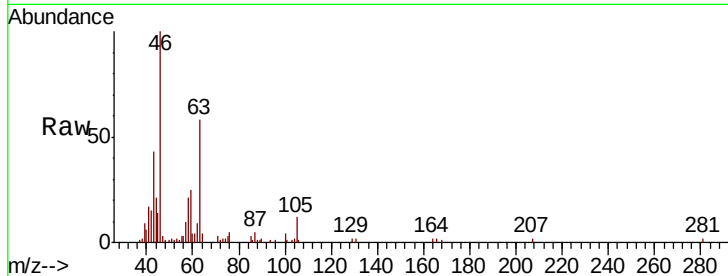




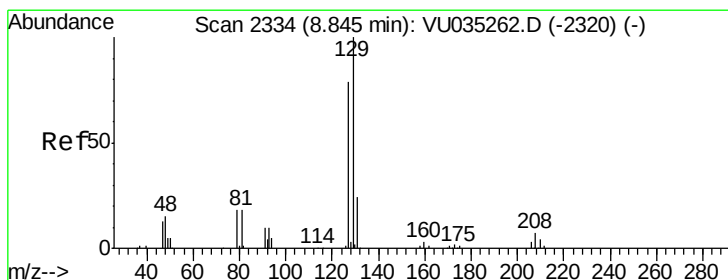
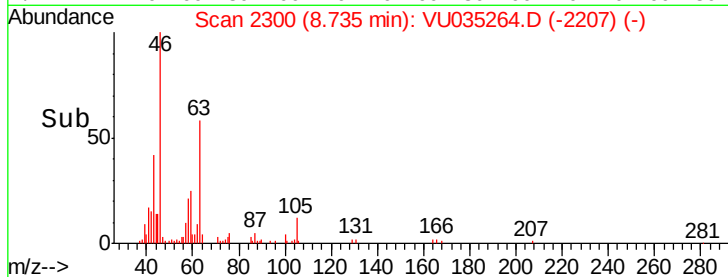
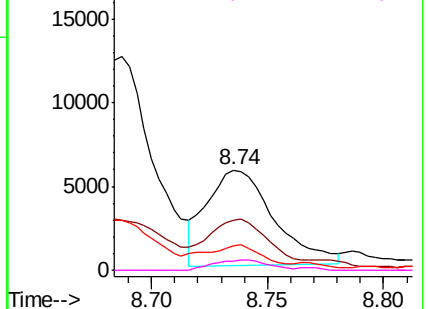
#48
2-Hexanone
Concen: 0.982 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035264.D
Acq: 18 Oct 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 11587
Ion Ratio Lower Upper
43 100
58 37.8 45.1 67.7#
57 16.5 16.0 24.0
100 8.8 10.4 15.6#

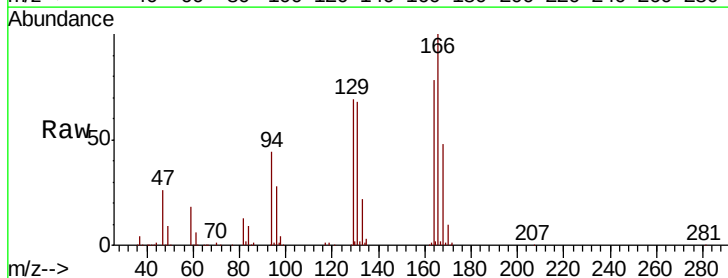


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

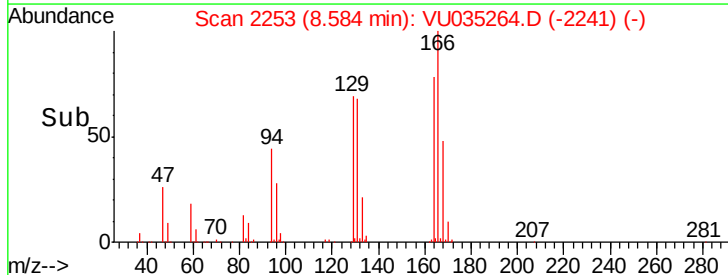
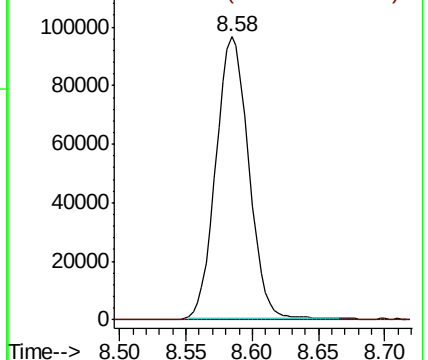


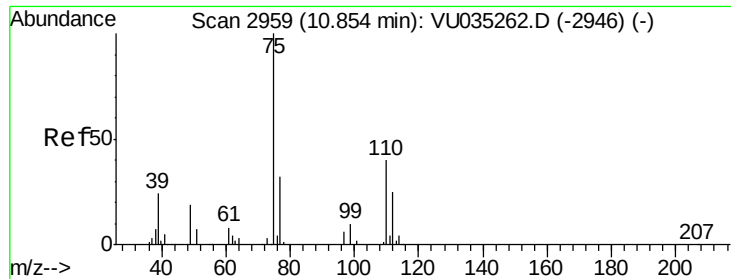
#49
Dibromochloromethane
Concen: 7.005 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035264.D
Acq: 18 Oct 2019 14:06

Tgt Ion: 129 Resp: 164379
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: 0.880 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035264.D

Acq: 18 Oct 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 15288

Ion Ratio Lower Upper

75 100

77 40.9 26.2 39.2#

