

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035263.D
 Acq On : 18 Oct 2019 13:43
 Operator : JC/SP
 Sample : VU1018WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:40:47 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	334361	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	322680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	133631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88085	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	83343	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	118522	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.72	46	325655	55.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	5.11	84	172189	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.75	65	104111	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.77	84	340034	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	113789	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	308142	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.22	79	49602	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.69	63	275218	54.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106556	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	112089	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

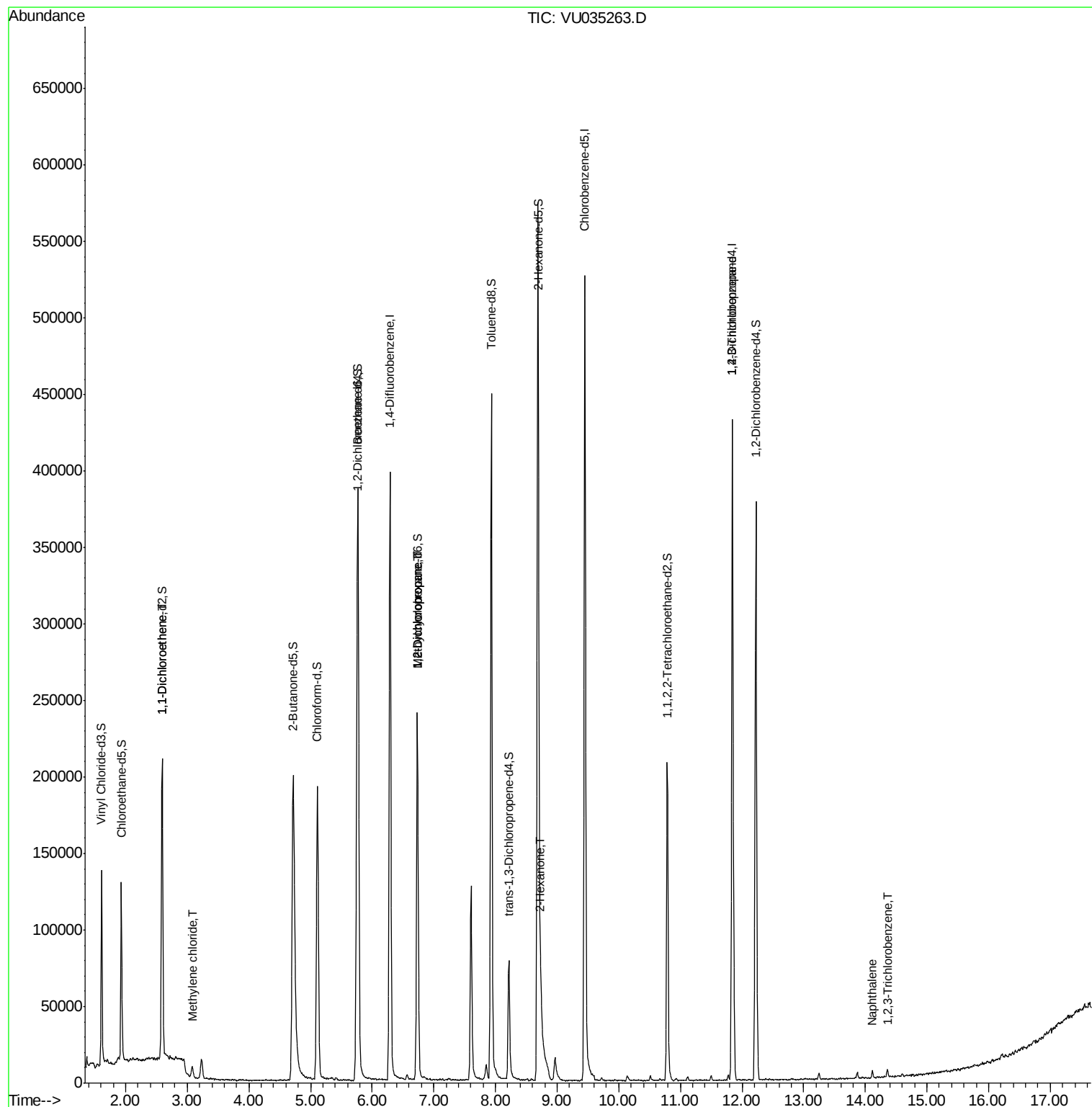
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1445	0.067 ug/L #	1
16) Methylene chloride	3.08	84	3276	0.127 ug/L	95
35) Methylcyclohexane	6.74	83	27194	0.637 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12512	0.519 ug/L #	86
48) 2-Hexanone	8.74	43	14239	1.248 ug/L #	84
59) 1,2,3-Trichloropropane	11.84	75	16107	0.959 ug/L	91
69) Naphthalene	14.11	128	3241	0.126 ug/L	96
70) 1,2,3-Trichlorobenzene	14.36	180	1947	0.111 ug/L	90

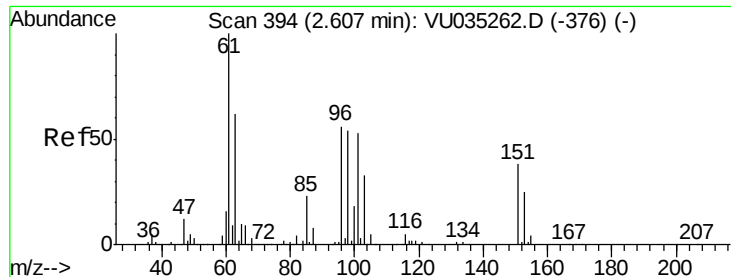
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035263.D

Acq: 18 Oct 2019 13:43

Instrument :

MSVOA_U

ClientSampled :

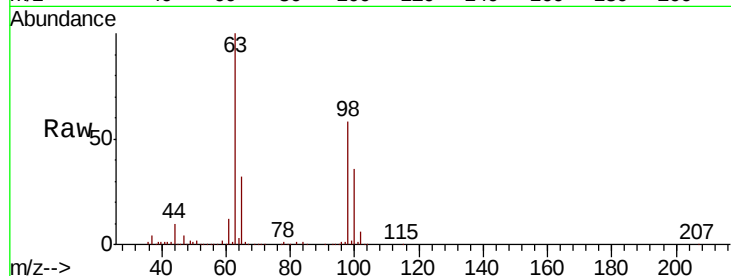
Tot Ion: 96 Resp: 1445

Ion Ratio Lower Upper

96 100

61 1351.3 120.6 224.0#

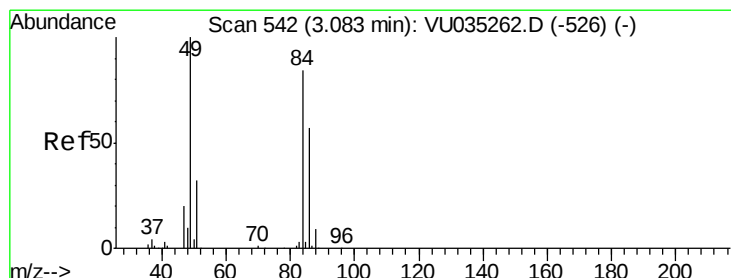
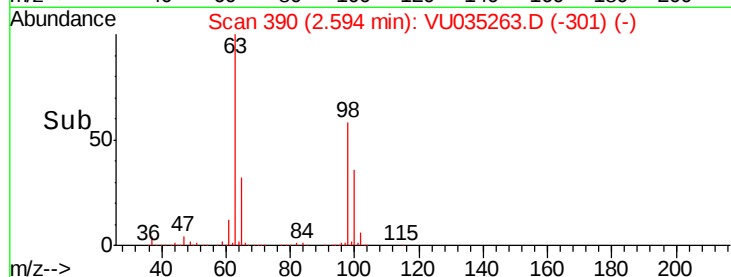
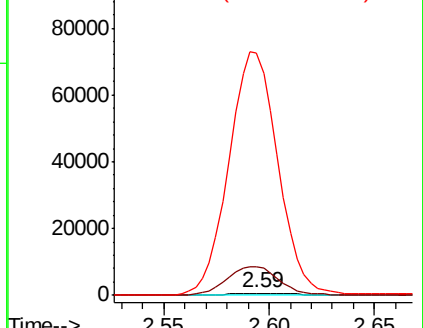
63 11299.5 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035263.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU035263.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU035263.D (-390) (-)



#16

Methylene chloride

Concen: 0.127 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035263.D

Acq: 18 Oct 2019 13:43

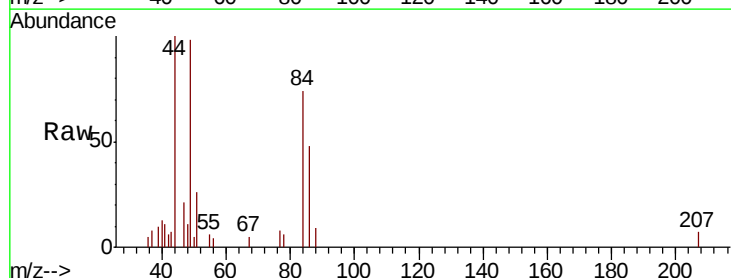
Tgt Ion: 84 Resp: 3276

Ion Ratio Lower Upper

84 100

86 64.2 45.4 84.2

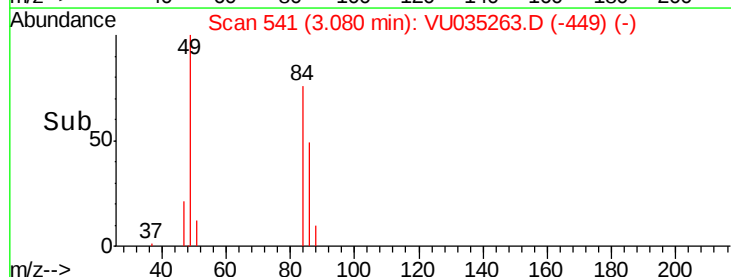
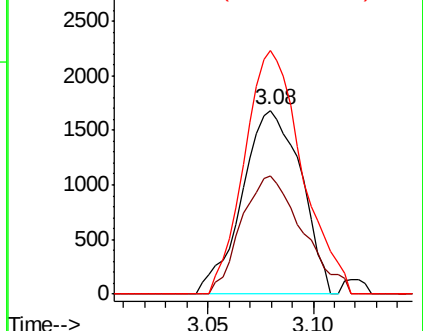
49 132.3 86.8 161.2

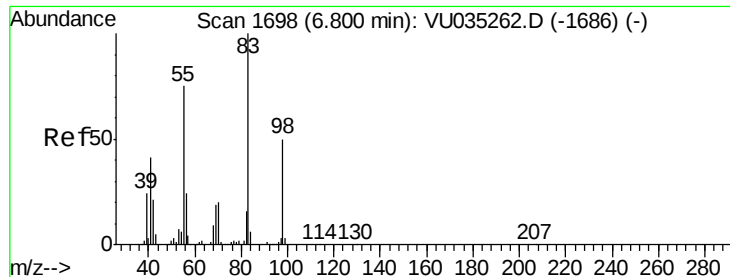


Abundance Ion 84.05 (83.75 to 84.75): VU035263.D (-541) (-)

Ion 86.00 (85.70 to 86.70): VU035263.D (-541) (-)

Ion 49.10 (48.80 to 49.80): VU035263.D (-541) (-)

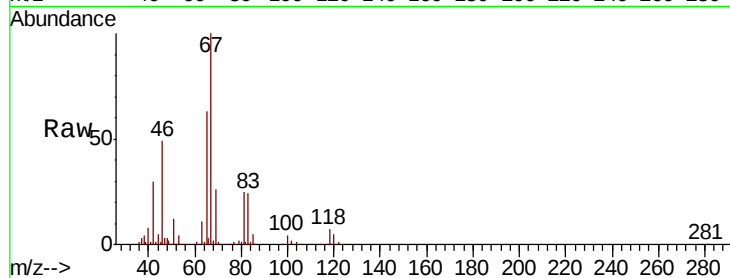




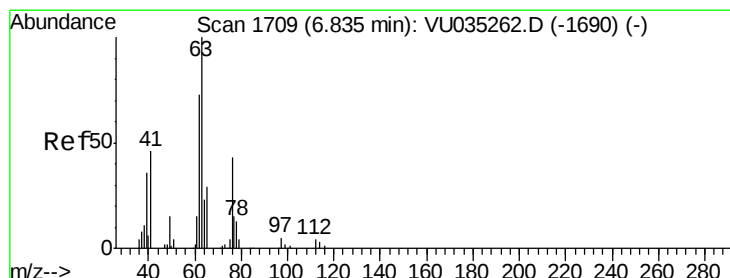
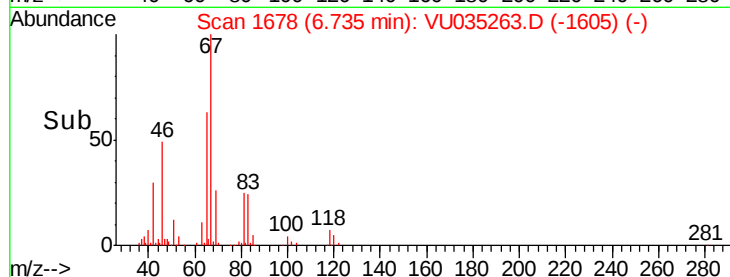
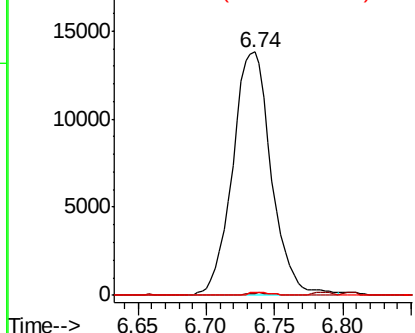
#35
Methvlcvclohexane
Concen: 0.637 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035263.D
Acq: 18 Oct 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27194
Ion Ratio Lower Upper
83 100
55 0.7 60.4 90.6#
98 0.8 39.5 59.3#

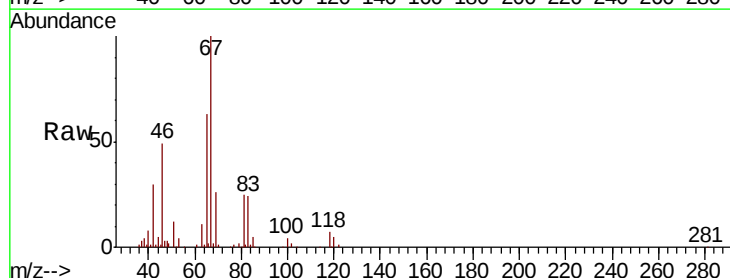


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

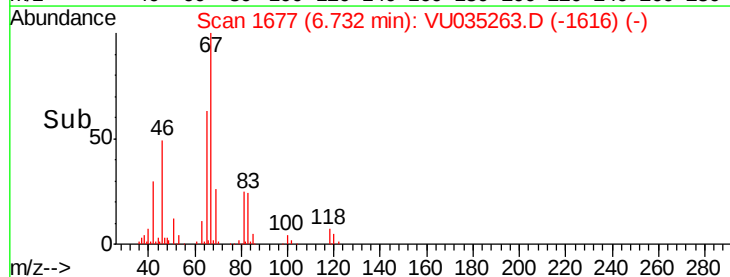
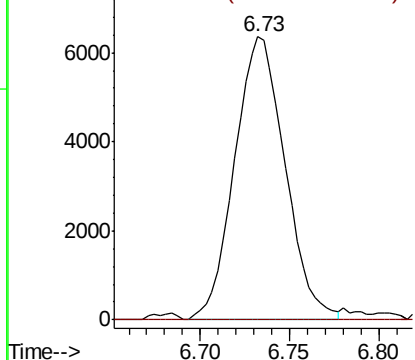


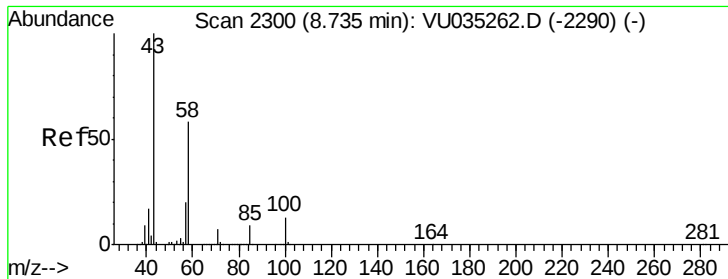
#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035263.D
Acq: 18 Oct 2019 13:43

Tgt Ion: 63 Resp: 12512
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

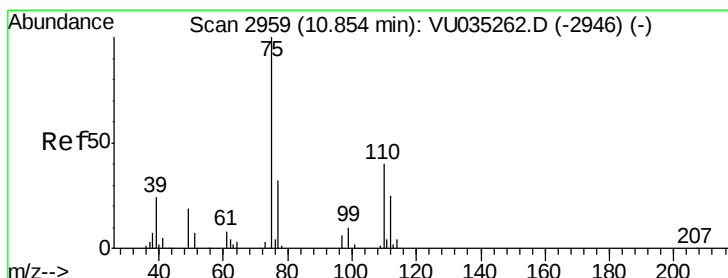
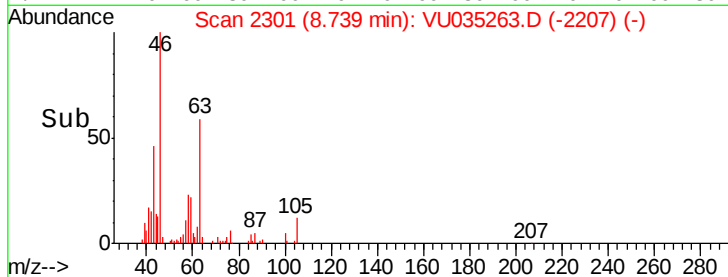
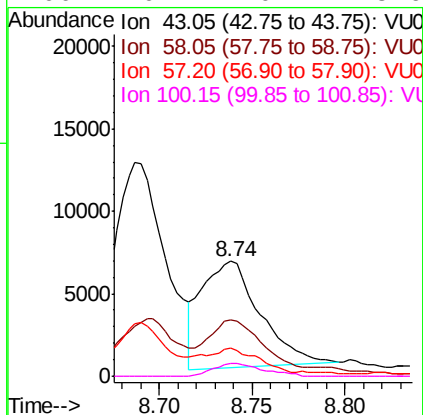
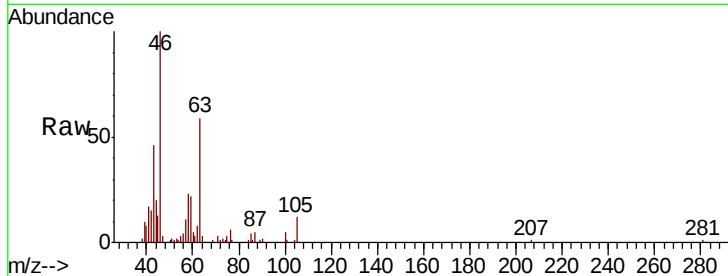




#48
 2-Hexanone
 Concen: 1.248 ug/L
 RT: 8.74 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: VU035263.D
 Acq: 18 Oct 2019 13:43

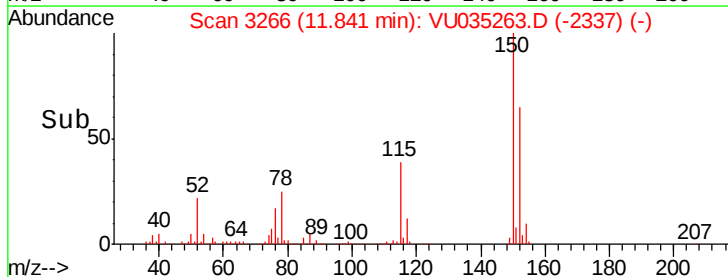
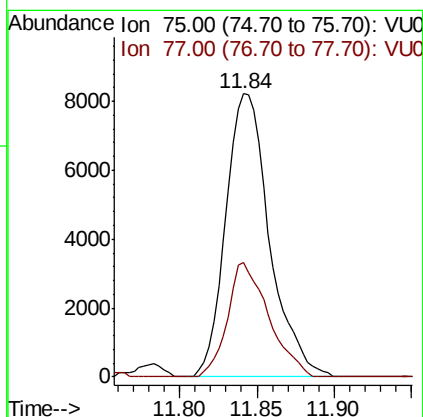
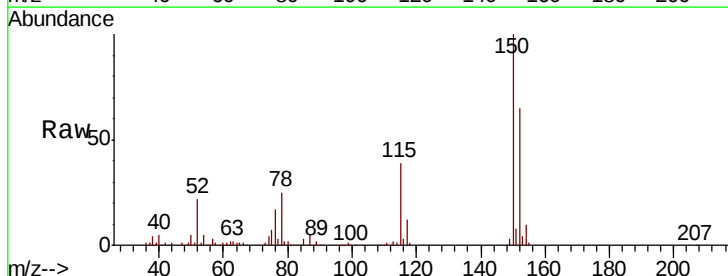
Instrument :
 MSVOA_U
 ClientSampleId :

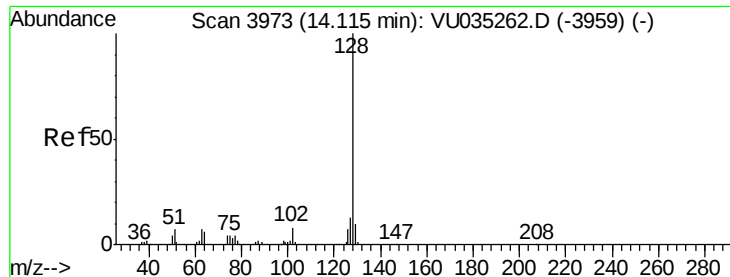
Tot Ion: 43 Resp: 14239
 Ion Ratio Lower Upper
 43 100
 58 41.5 45.1 67.7#
 57 16.5 16.0 24.0
 100 10.1 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.959 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035263.D
 Acq: 18 Oct 2019 13:43

Tgt Ion: 75 Resp: 16107
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.2 39.2





#69

Naphthalene

Concen: 0.126 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU035263.D

Acq: 18 Oct 2019 13:43

Instrument :

MSVOA_U

ClientSampleId :

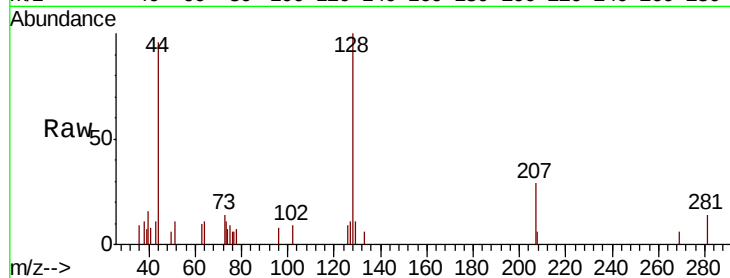
Tot Ion:128 Resp: 3241

Ion Ratio Lower Upper

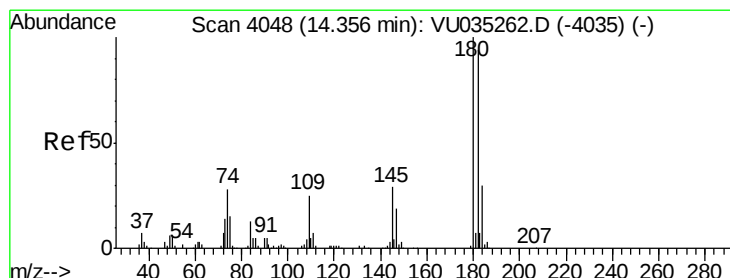
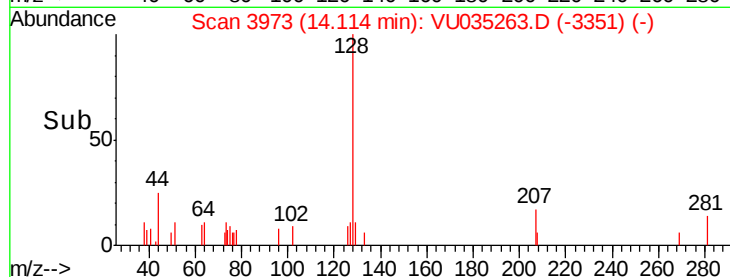
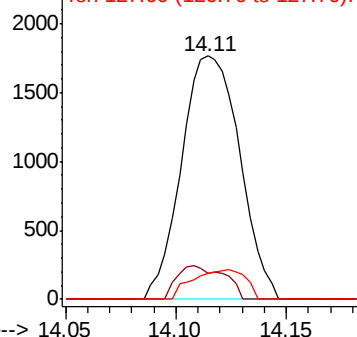
128 100

129 11.2 8.6 13.0

127 11.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.111 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. 0.00 min

Lab File: VU035263.D

Acq: 18 Oct 2019 13:43

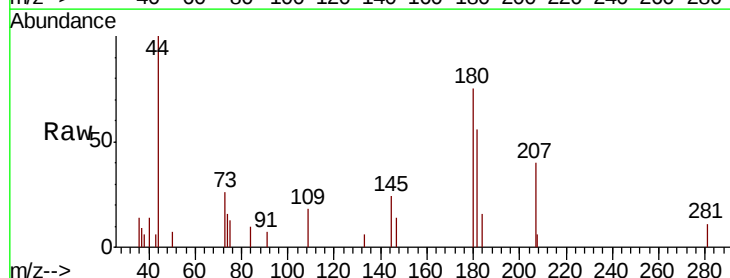
Tgt Ion:180 Resp: 1947

Ion Ratio Lower Upper

180 100

182 83.1 76.0 114.0

145 32.3 24.6 37.0



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

