

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120219\
 Data File : VU035935.D
 Acq On : 02 Dec 2019 15:44
 Operator : JC/SP
 Sample : K6056-13DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 02 18:14:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 02 18:11:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	285877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107451	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	187591	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.93	69	150989	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.59	63	200306	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.70	46	327394	43.93	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.86%
24) Chloroform-d	5.11	84	243474	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.75	65	135408	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.77	84	487692	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.73	67	160978	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.93	98	395987	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	8.22	79	56347	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.68	63	233603	40.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	129584	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	117030	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

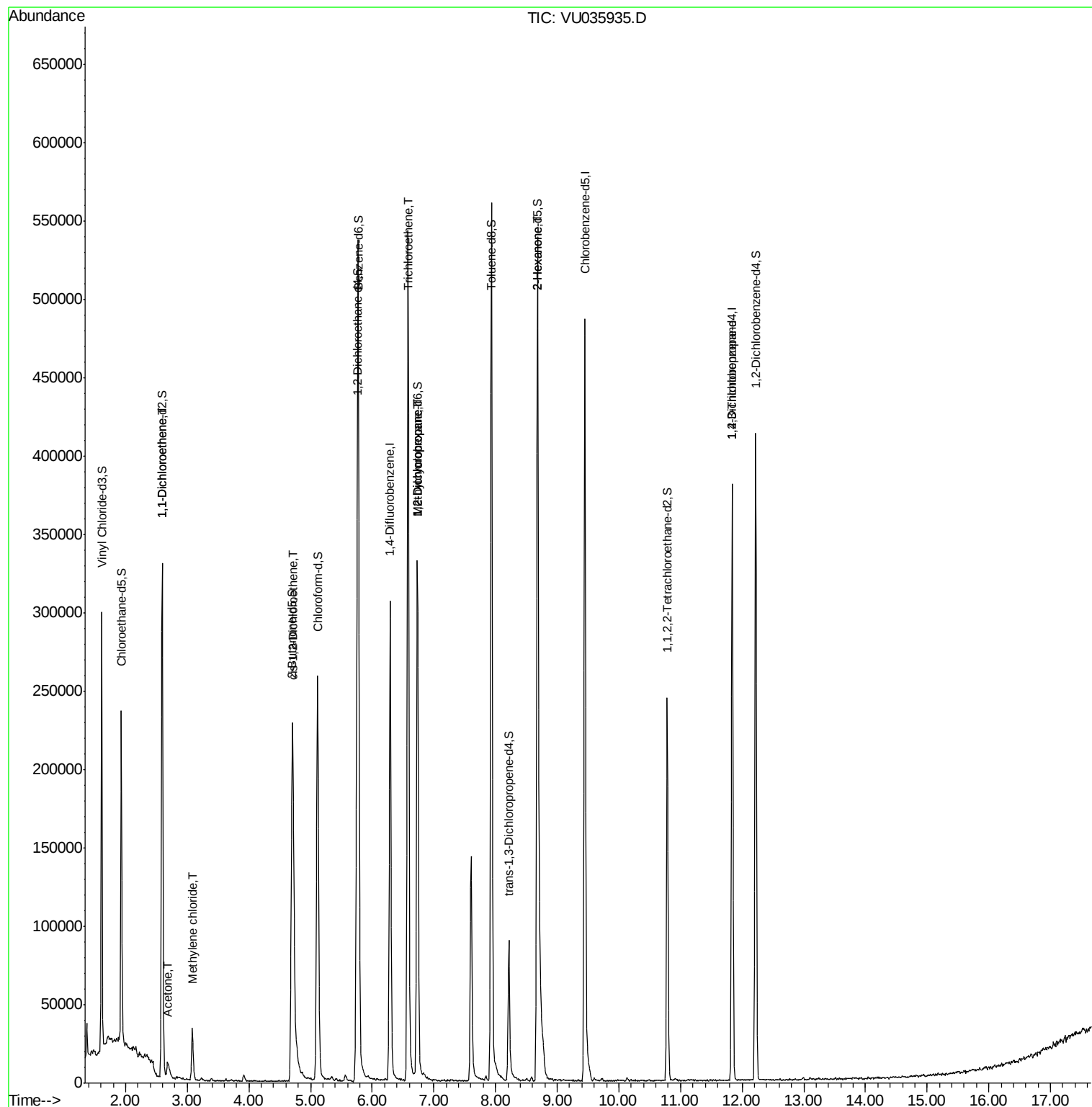
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	2655	0.104	ug/L #	1
13) Acetone	2.68	43	16943	2.589	ug/L	99
16) Methylene chloride	3.08	84	15234	0.492	ug/L	90
22) cis-1,2-Dichloroethene	4.72	96	38228	1.358	ug/L	96
34) Trichloroethene	6.58	95	195395	6.679	ug/L	96
35) Methylcyclohexane	6.73	83	35639	0.830	ug/L #	14
37) 1,2-Dichloropropane	6.74	63	17096	0.505	ug/L #	91
48) 2-Hexanone	8.68	43	29066	1.900	ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	14024	0.637	ug/L	93

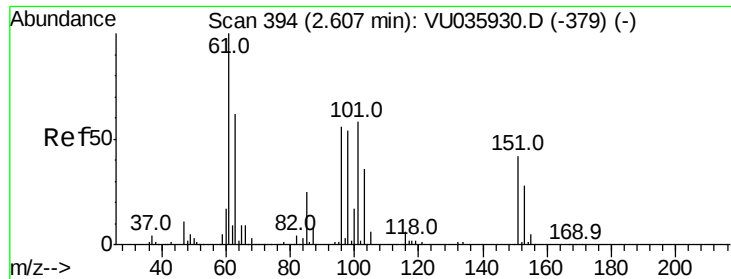
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 02 18:11:23 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.104 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035935.D

Acq: 02 Dec 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

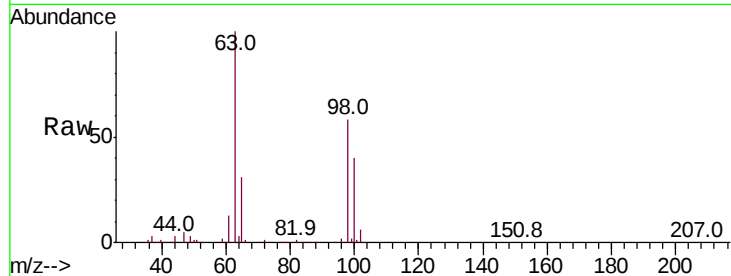
Tot Ion: 96 Resp: 2655

Ion Ratio Lower Upper

96 100

61 753.1 139.3 258.7#

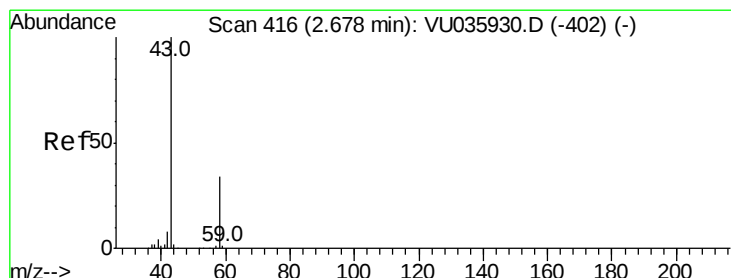
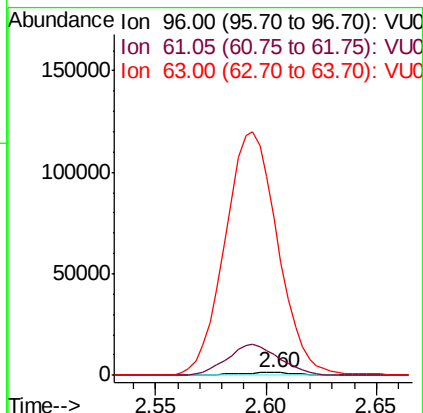
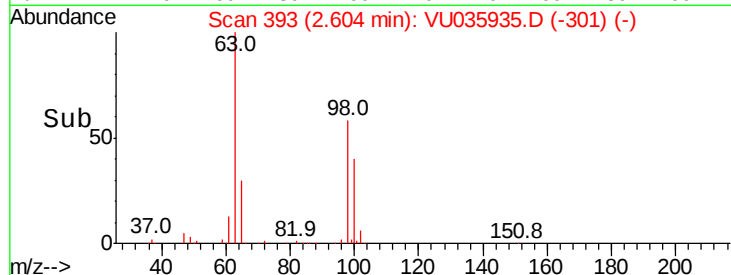
63 5827.3 93.7 174.1#



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



#13

Acetone

Concen: 2.589 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU035935.D

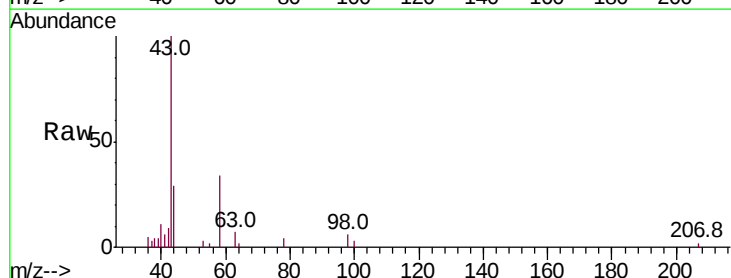
Acq: 02 Dec 2019 15:44

Tgt Ion: 43 Resp: 16943

Ion Ratio Lower Upper

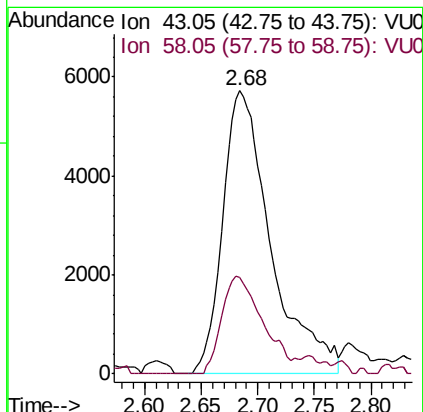
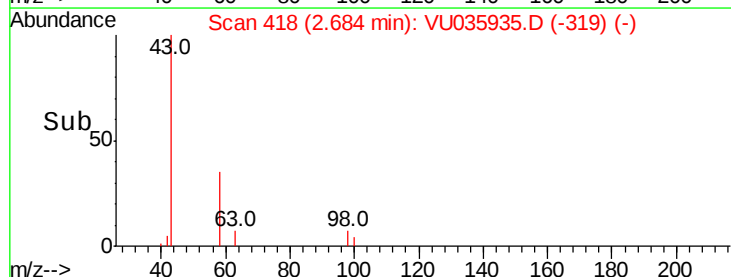
43 100

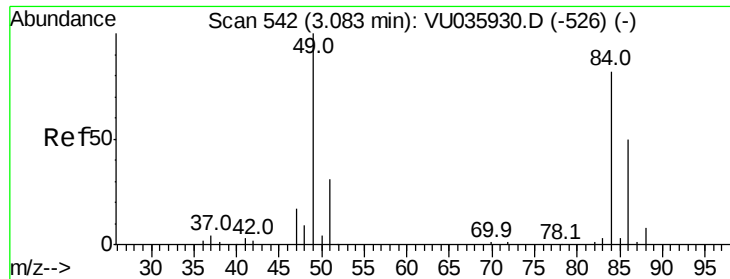
58 30.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

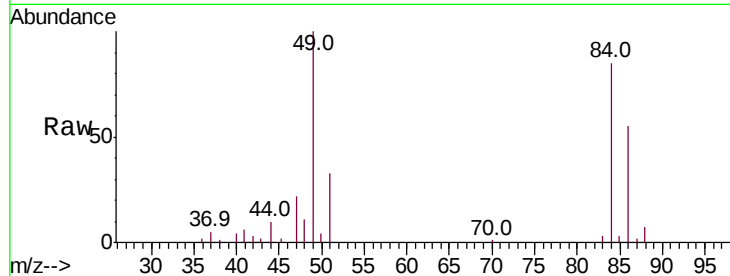




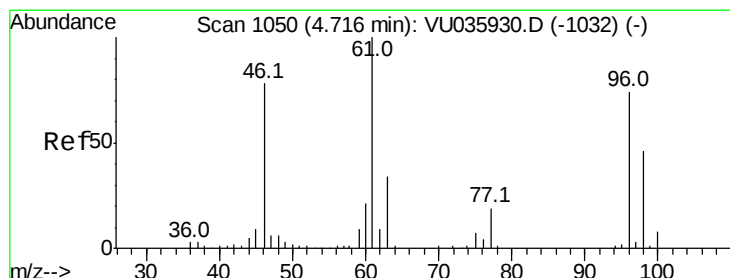
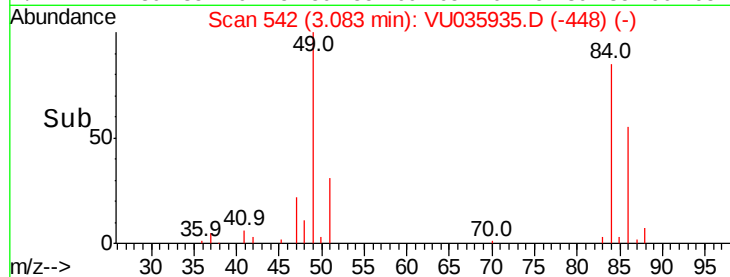
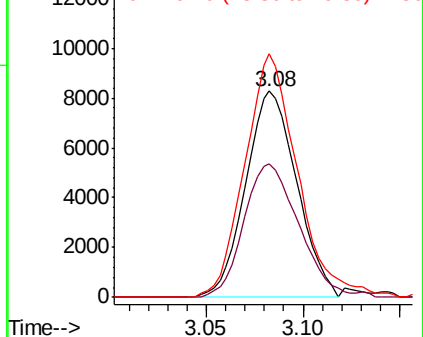
#16
Methvlene chloride
Concen: 0.492 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035935.D
Acq: 02 Dec 2019 15:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 15234
Ion Ratio Lower Upper
84 100
86 64.8 44.4 82.5
49 118.1 94.0 174.6

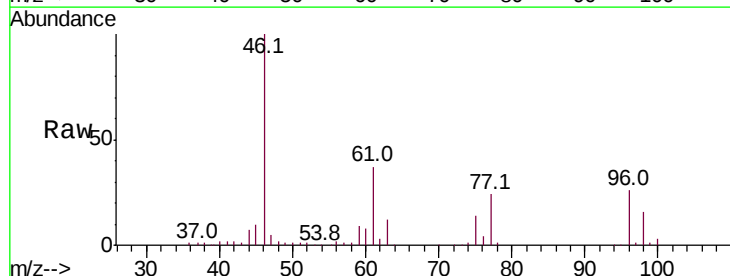


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

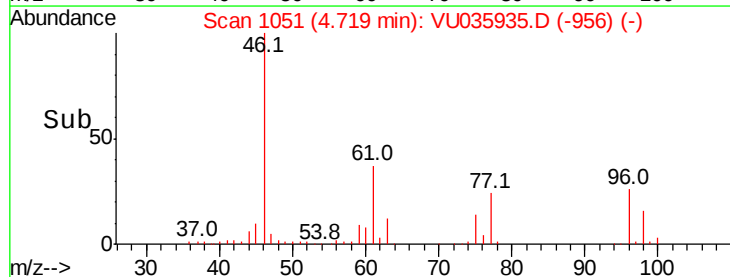
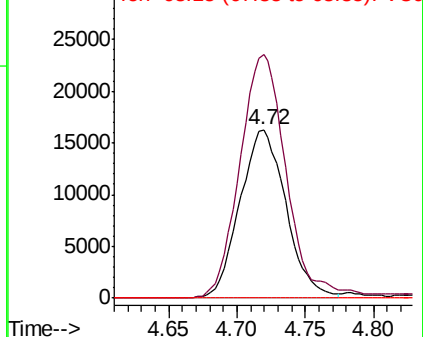


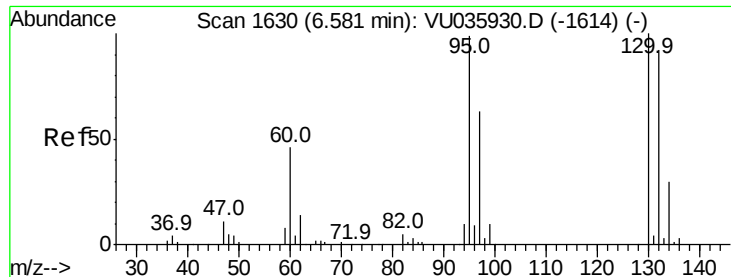
#22
cis-1,2-Dichloroethene
Concen: 1.358 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU035935.D
Acq: 02 Dec 2019 15:44

Tgt Ion: 96 Resp: 38228
Ion Ratio Lower Upper
96 100
61 144.5 98.1 182.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

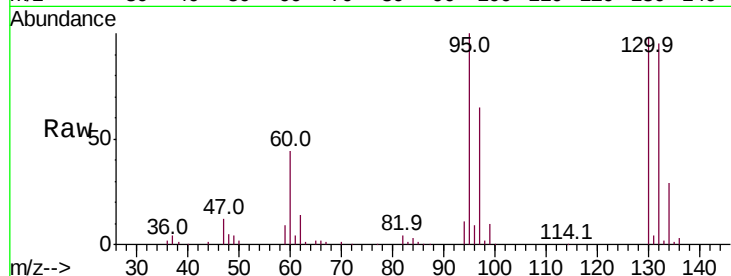




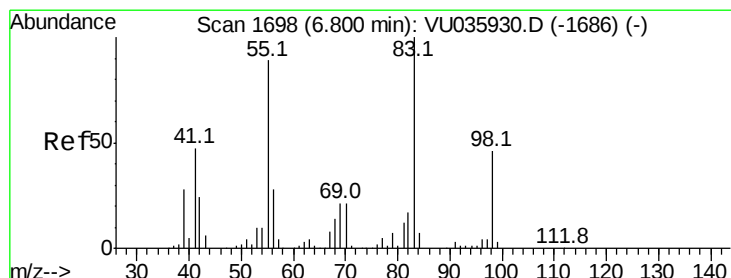
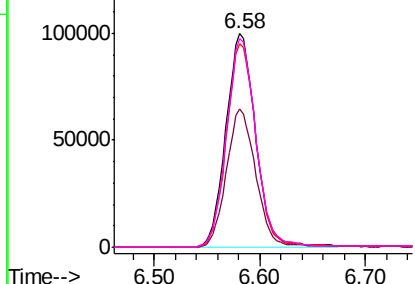
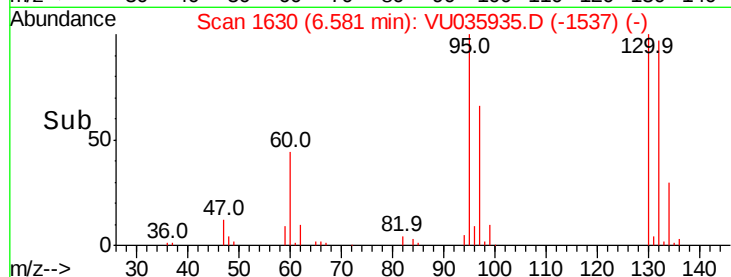
#34
 Trichloroethene
 Concen: 6.679 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035935.D
 Acq: 02 Dec 2019 15:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 195395
 Ion Ratio Lower Upper
 95 100
 97 64.6 45.1 83.9
 132 95.2 61.9 114.9
 130 97.7 66.3 123.1

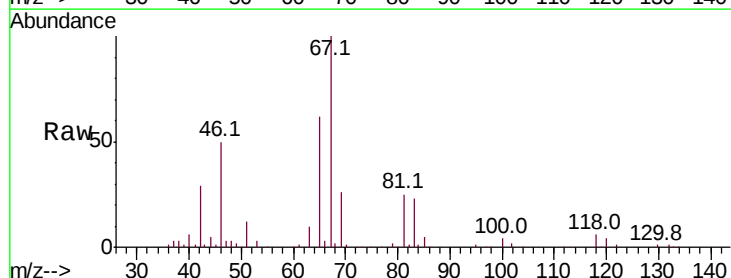


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

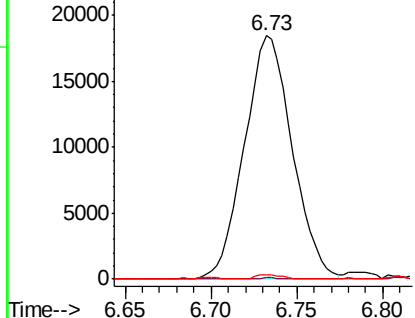
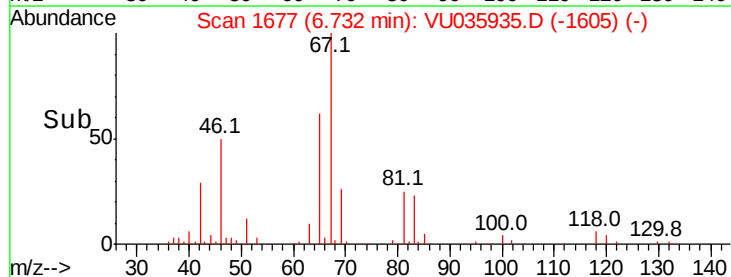


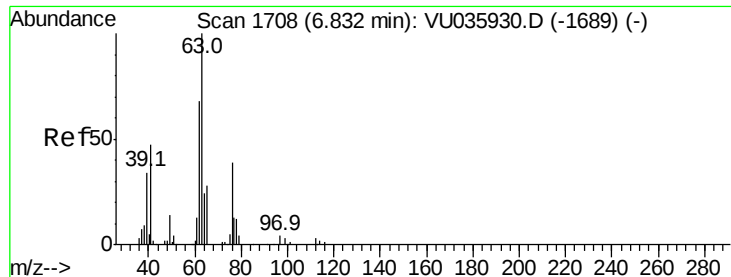
#35
 Methylcyclohexane
 Concen: 0.830 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.07 min
 Lab File: VU035935.D
 Acq: 02 Dec 2019 15:44

Tgt Ion: 83 Resp: 35639
 Ion Ratio Lower Upper
 83 100
 55 0.1 72.7 109.1#
 98 0.9 36.2 54.4#



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: 0.505 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.09 min

Lab File: VU035935.D

Acq: 02 Dec 2019 15:44

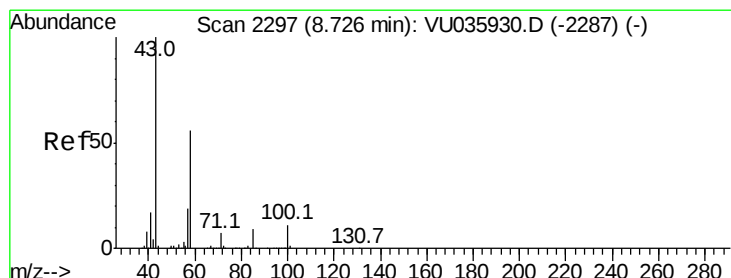
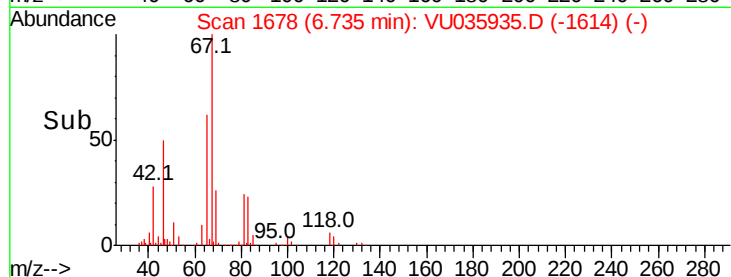
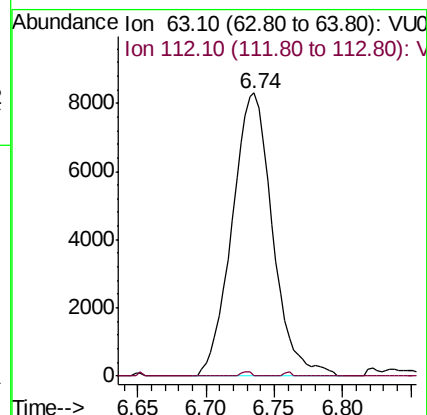
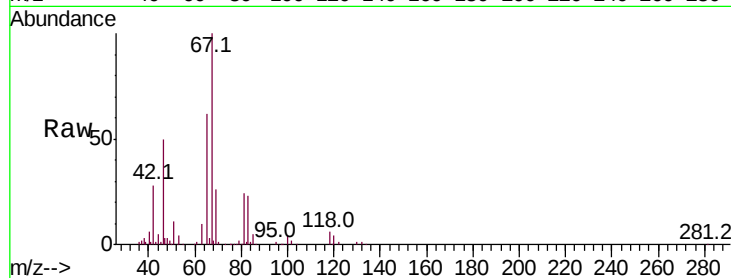
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 17096

Ion Ratio Lower Upper

63 100

112 0.4 2.7 4.1#



#48

2-Hexanone

Concen: 1.900 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.04 min

Lab File: VU035935.D

Acq: 02 Dec 2019 15:44

Tgt Ion: 43 Resp: 29066

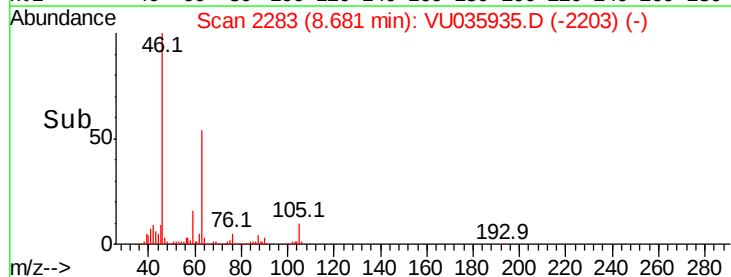
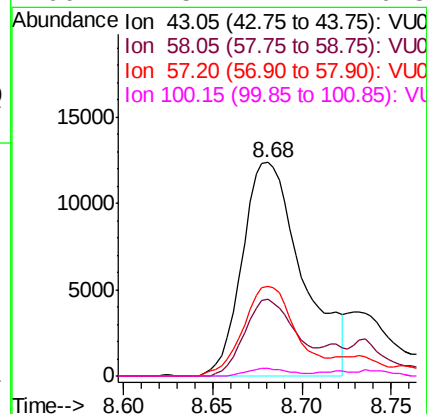
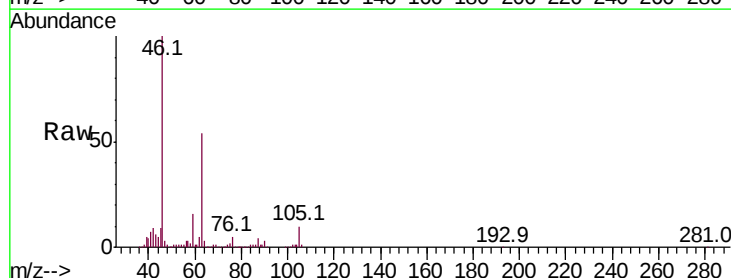
Ion Ratio Lower Upper

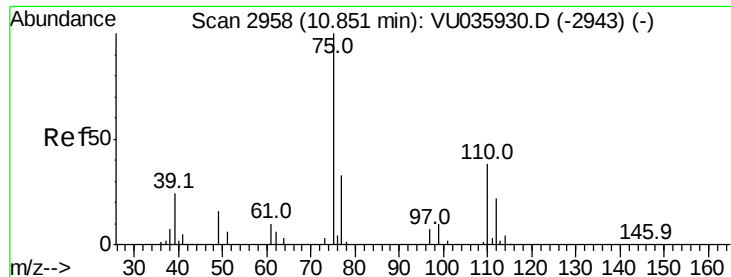
43 100

58 31.1 39.8 59.8#

57 37.0 14.0 21.0#

100 2.5 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.637 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035935.D

Acq: 02 Dec 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14024

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.2

