

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
 Data File : VU035392.D
 Acq On : 23 Oct 2019 04:43
 Operator : JC/SP
 Sample : K5458-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:16:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:10:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	243951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	247711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	112116	7.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	150.80%#
7) Chloroethane-d5	1.93	69	99787	7.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	146.80%#
11) 1,1-Dichloroethene-d2	2.60	63	149589	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.80%
20) 2-Butanone-d5	4.70	46	239953	56.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	5.11	84	178967	6.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.60%#
26) 1,2-Dichloroethane-d4	5.75	65	98928	6.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	131.40%#
32) Benzene-d6	5.77	84	355229	6.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.40%#
36) 1,2-Dichloropropane-d6	6.74	67	118008	6.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	131.20%
41) Toluene-d8	7.93	98	309415	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
43) trans-1,3-Dichloropropene-	8.22	79	38898	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.69	63	175299	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93979	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	86033	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#

Target Compounds

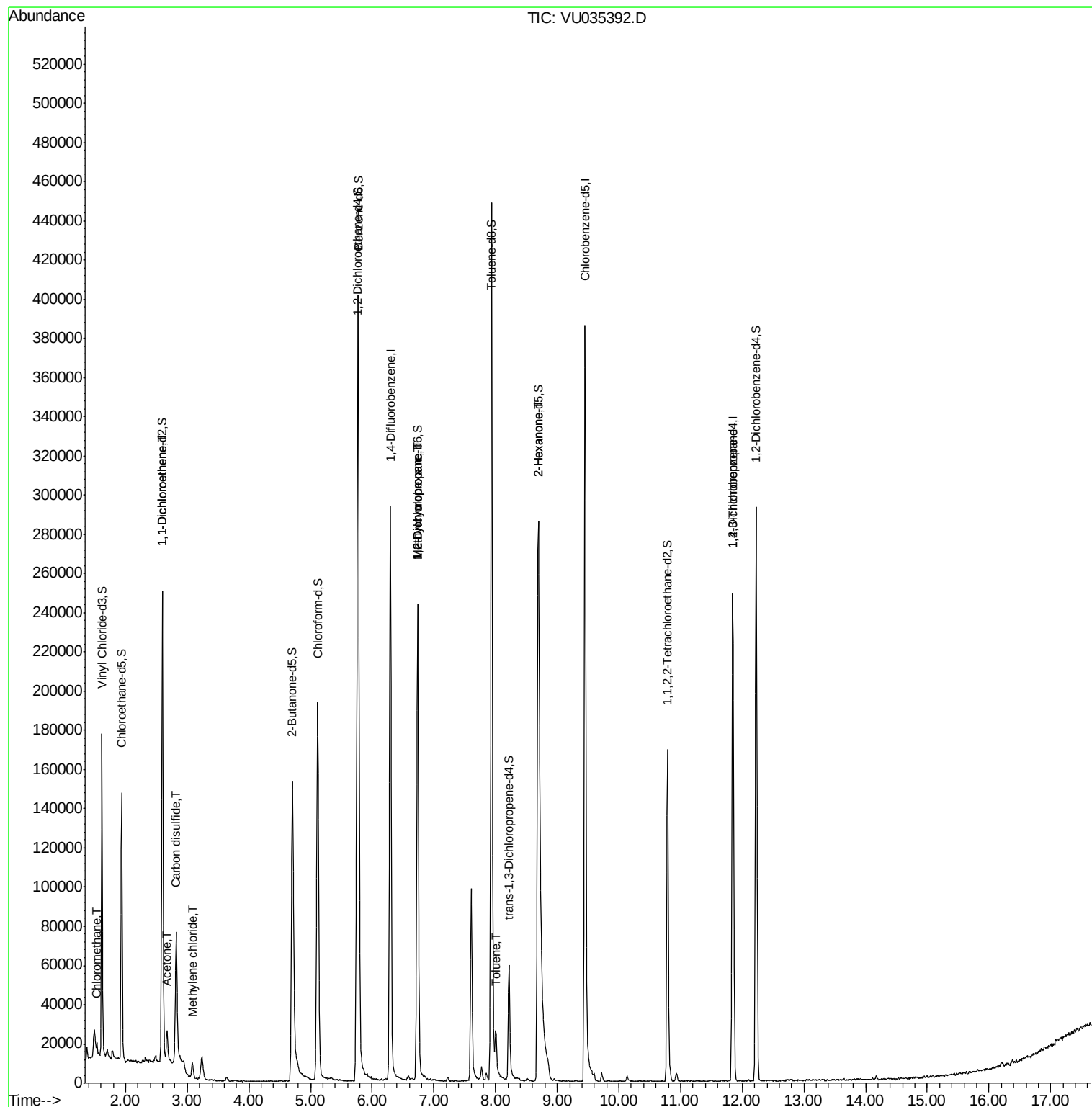
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	2456	0.119	ug/L	96
12) 1,1-Dichloroethene	2.60	96	1317	0.084	ug/L #	1
13) Acetone	2.67	43	17148	5.767	ug/L	96
14) Carbon disulfide	2.82	76	13892	0.280	ug/L #	90
16) Methylene chloride	3.08	84	3696	0.196	ug/L	97
35) Methylcyclohexane	6.74	83	27492	0.839	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12808	0.692	ug/L #	86
42) Toluene	8.01	91	14112	0.175	ug/L	97
48) 2-Hexanone	8.69	43	16324	1.864	ug/L #	61
59) 1,2,3-Trichloropropane	11.84	75	9765	0.758	ug/L	93

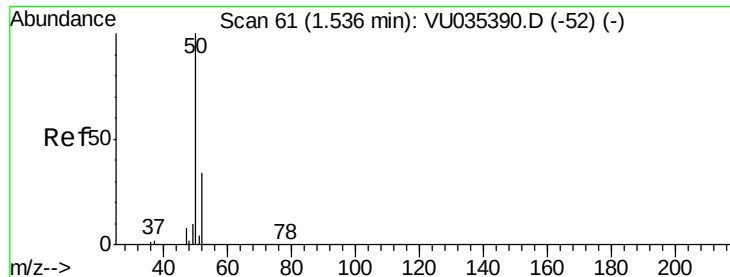
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.119 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035392.D

Acq: 23 Oct 2019 04:43

Instrument :

MSVOA_U

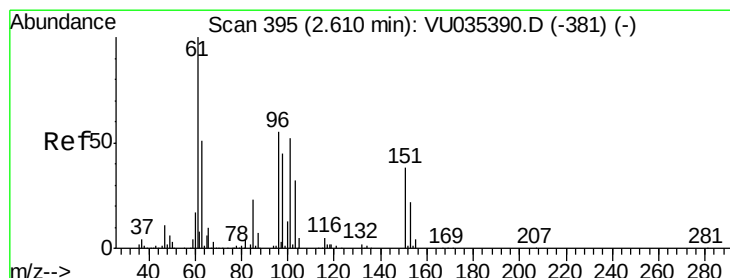
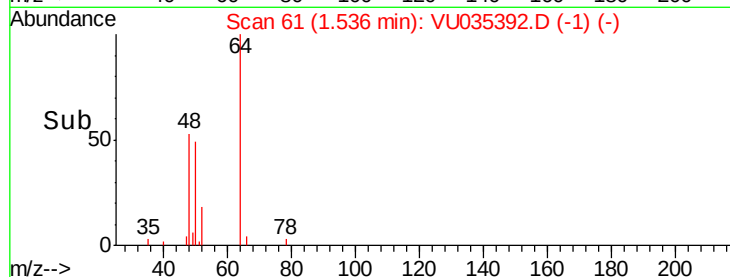
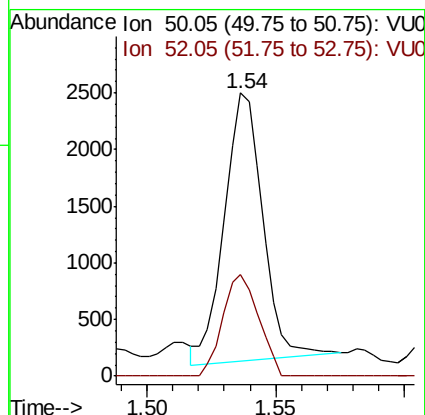
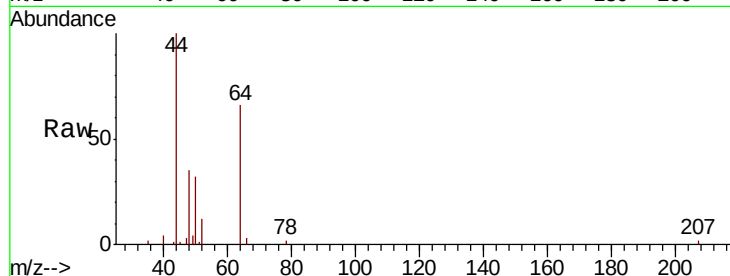
ClientSampleId :

Tot Ion: 50 Resp: 2456

Ion Ratio Lower Upper

50 100

52 36.1 23.5 43.7



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035392.D

Acq: 23 Oct 2019 04:43

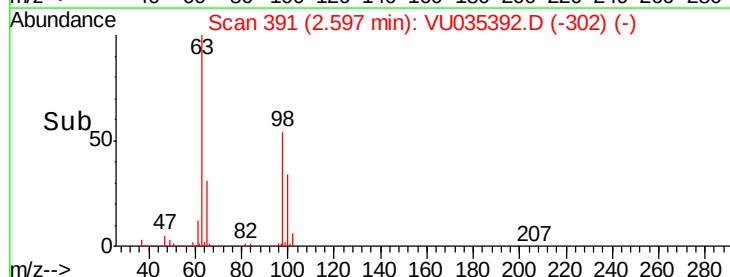
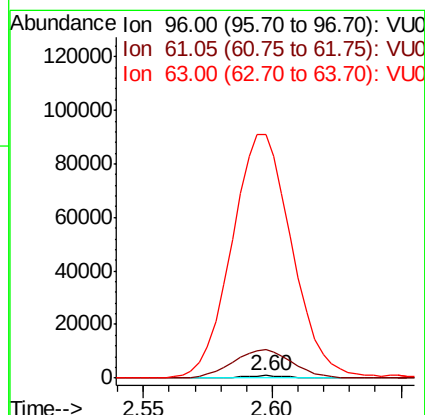
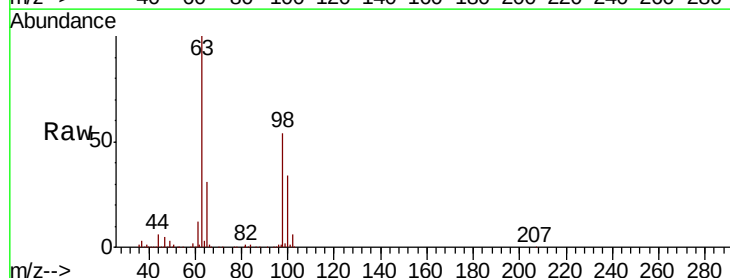
Tgt Ion: 96 Resp: 1317

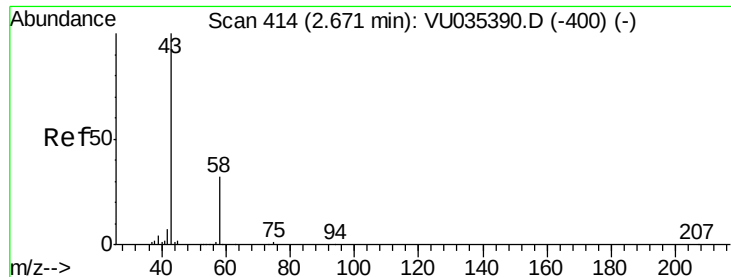
Ion Ratio Lower Upper

96 100

61 1132.4 120.6 224.0#

63 9819.4 86.8 161.2#





#13

Acetone

Concen: 5.767 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035392.D

Acq: 23 Oct 2019 04:43

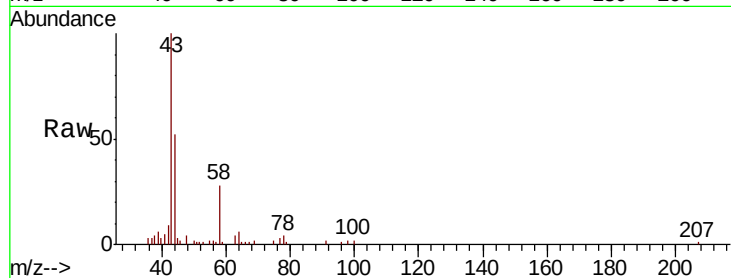
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 17148

Ion Ratio Lower Upper

43 100

58 33.3 0.0 61.8

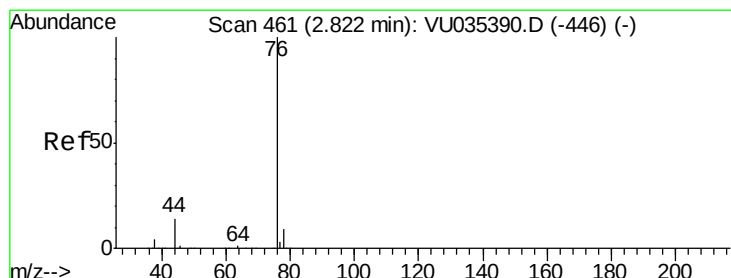
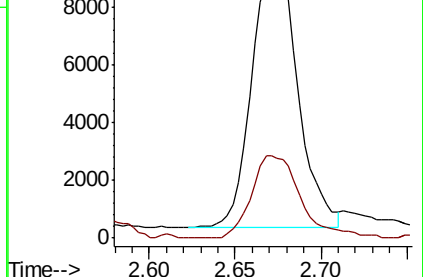
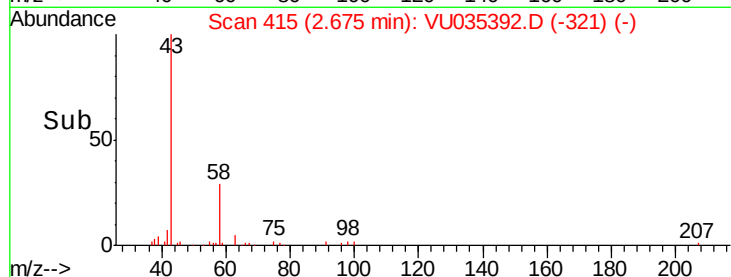


Abundance Ion 43.05 (42.75 to 43.75): VU035392.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035392.D (-400) (-)

2.67

Time-->



#14

Carbon disulfide

Concen: 0.280 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035392.D

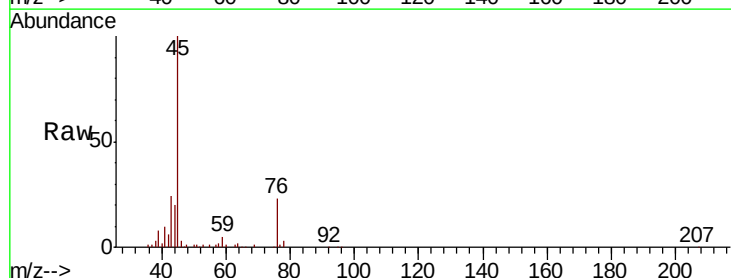
Acq: 23 Oct 2019 04:43

Tgt Ion: 76 Resp: 13892

Ion Ratio Lower Upper

76 100

78 13.0 7.6 11.4#

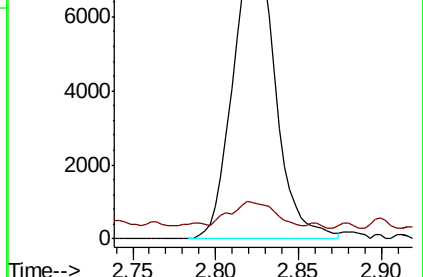
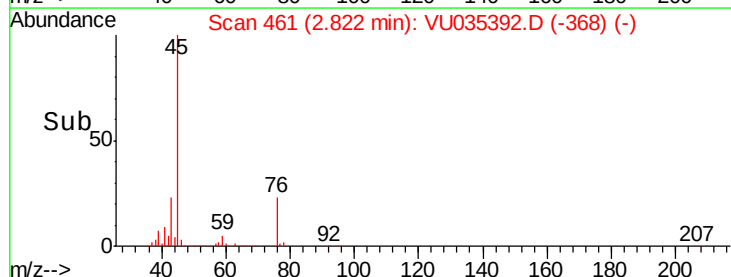


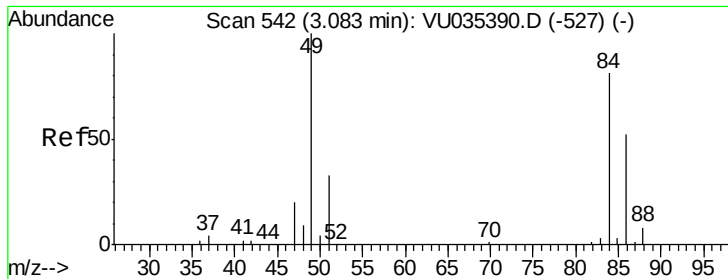
Abundance Ion 76.05 (75.75 to 76.75): VU035392.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035392.D (-446) (-)

2.82

Time-->

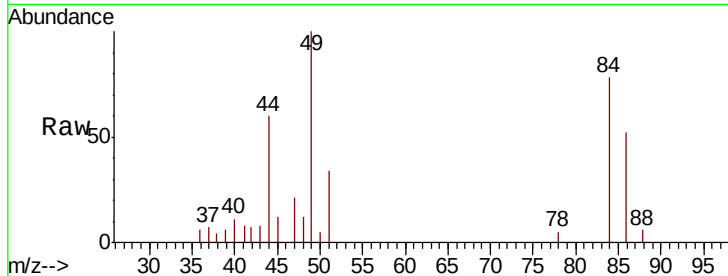




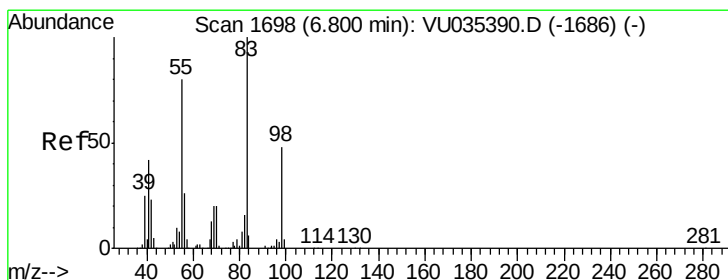
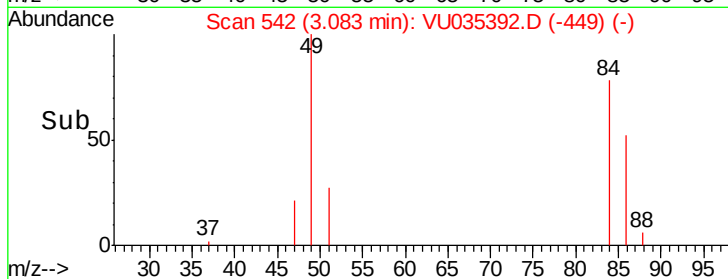
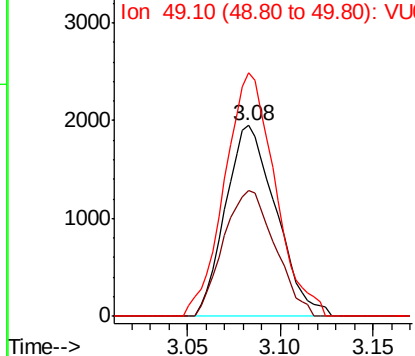
#16
Methylene chloride
Concen: 0.196 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035392.D
Acq: 23 Oct 2019 04:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3696
Ion Ratio Lower Upper
84 100
86 65.9 45.4 84.2
49 127.6 86.8 161.2

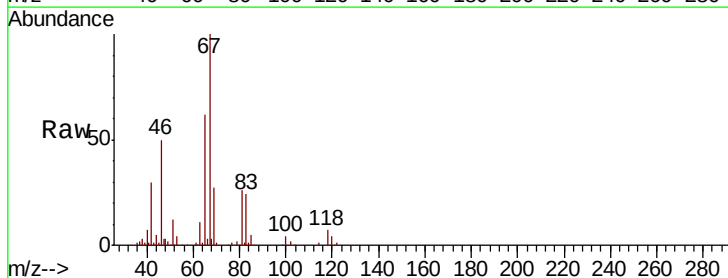


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

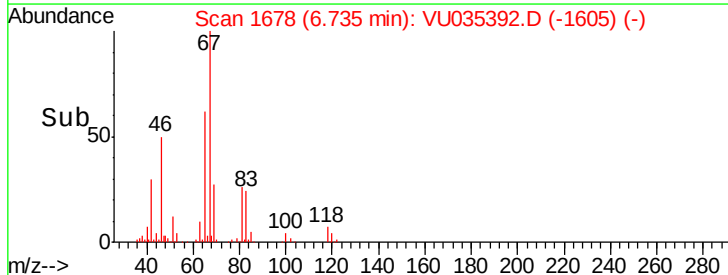
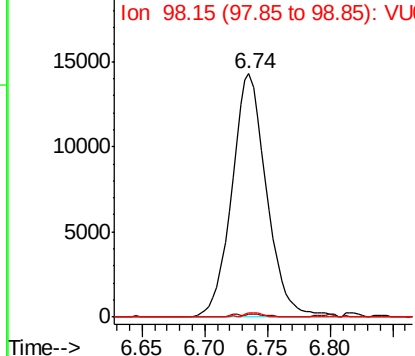


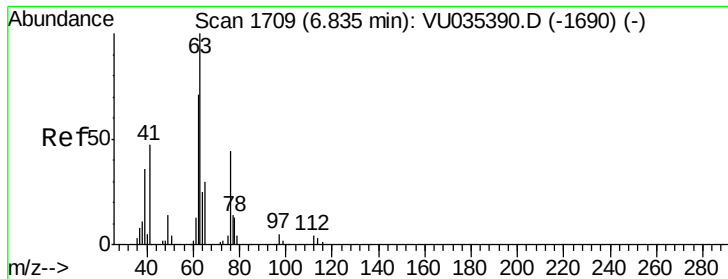
#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035392.D
Acq: 23 Oct 2019 04:43

Tgt Ion: 83 Resp: 27492
Ion Ratio Lower Upper
83 100
55 0.7 60.4 90.6#
98 0.9 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

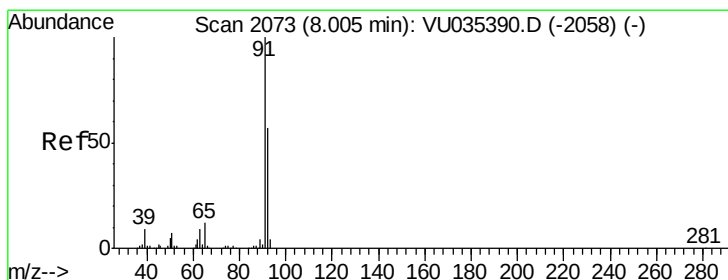
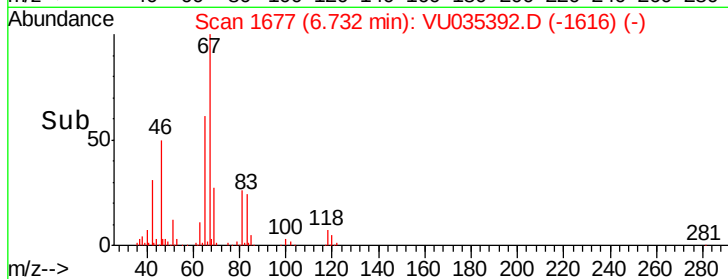
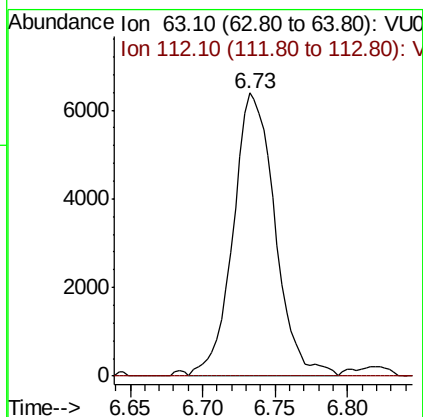
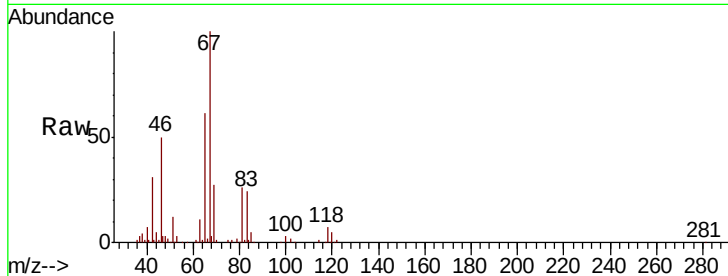




#37
 1,2-Dichloropropane
 Concen: 0.692 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035392.D
 Acq: 23 Oct 2019 04:43

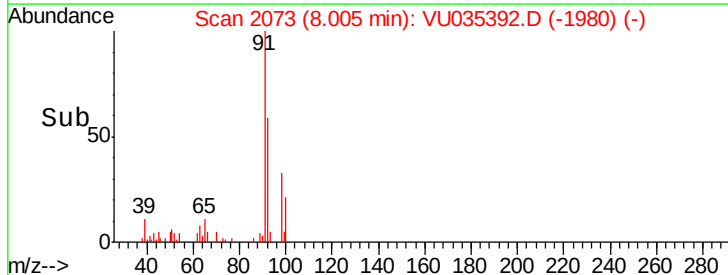
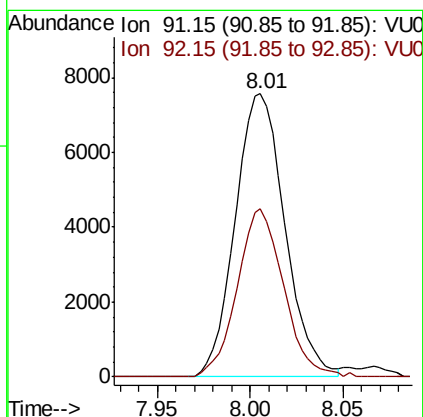
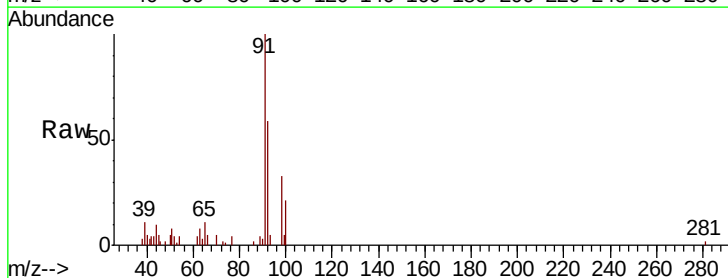
Instrument :
 MSVOA_U
 ClientSampleId :

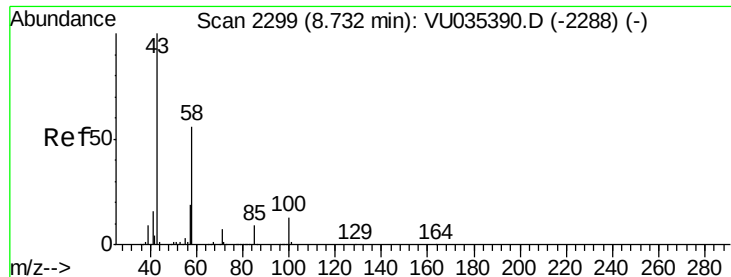
Tot Ion: 63 Resp: 12808
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 Toluene
 Concen: 0.175 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU035392.D
 Acq: 23 Oct 2019 04:43

Tgt Ion: 91 Resp: 14112
 Ion Ratio Lower Upper
 91 100
 92 59.3 39.9 74.1

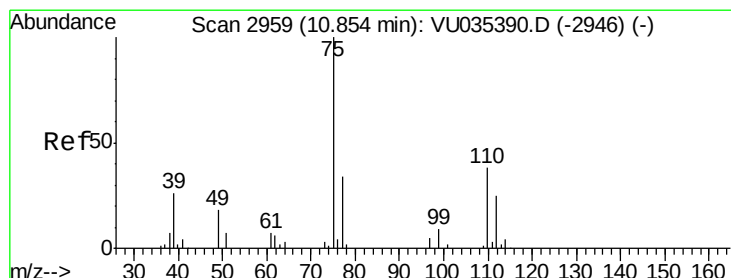
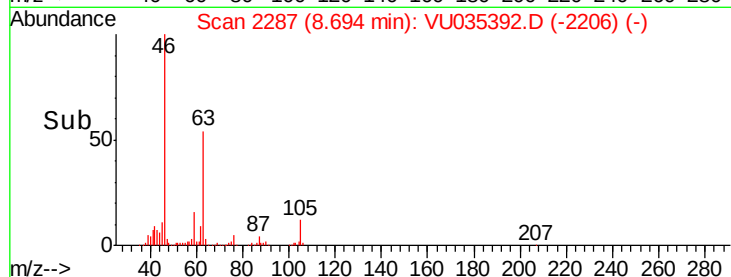
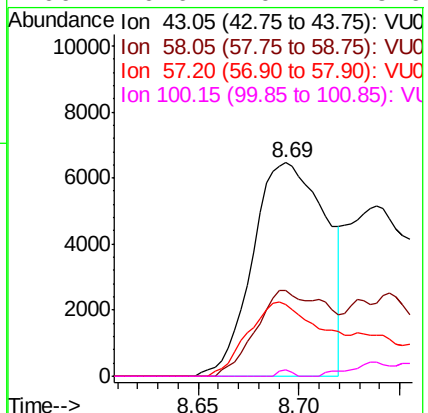
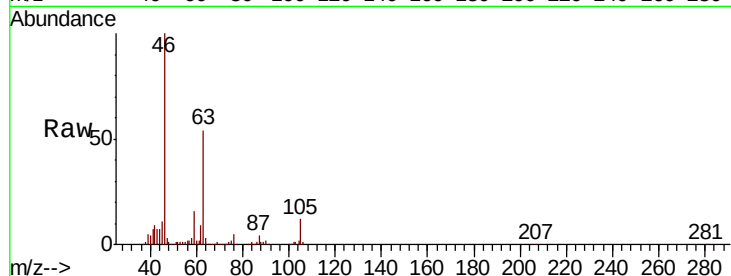




#48
 2-Hexanone
 Concen: 1.864 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.04 min
 Lab File: VU035392.D
 Acq: 23 Oct 2019 04:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 16324
 Ion Ratio Lower Upper
 43 100
 58 26.1 45.1 67.7#
 57 36.6 16.0 24.0#
 100 0.6 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.758 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035392.D
 Acq: 23 Oct 2019 04:43

Tgt Ion: 75 Resp: 9765
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.2 39.2

