

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035889.D
 Acq On : 27 Nov 2019 12:08
 Operator : JC/SP
 Sample : K6057-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:00:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	233770	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	137119	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.93	69	129415	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.60	63	171617	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.69	46	275813	39.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.06%
24) Chloroform-d	5.11	84	227803	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.75	65	130852	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.77	84	446713	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.74	67	157482	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	349952	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.21	79	53342	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.69	63	227185	41.96	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	122799	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	78571	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

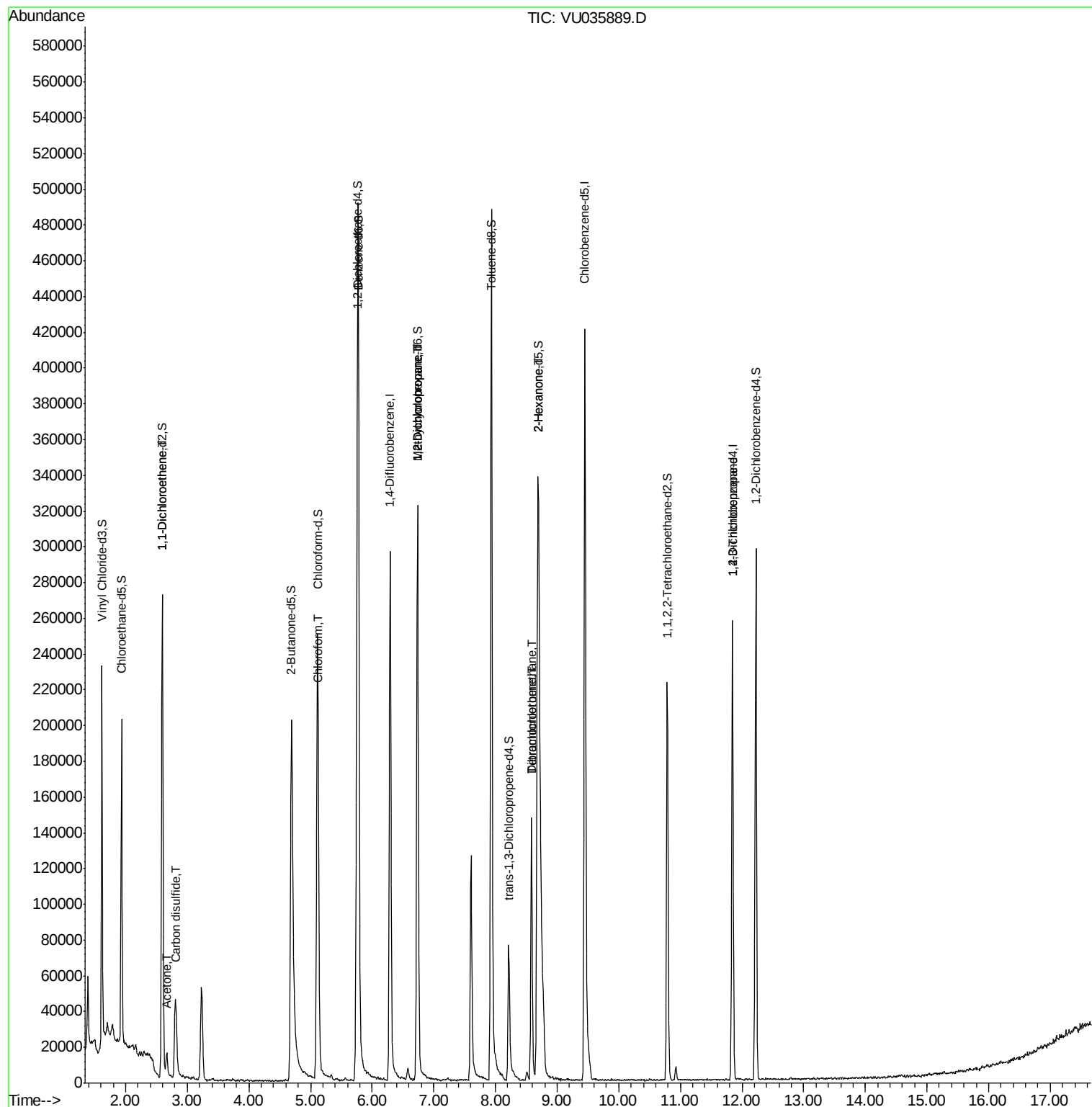
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1518	0.062	ug/L #	1
13) Acetone	2.67	43	13860	2.233	ug/L	89
14) Carbon disulfide	2.83	76	23073	0.286	ug/L	97
25) Chloroform	5.13	83	14773	0.282	ug/L	98
35) Methylcyclohexane	6.74	83	35544	0.879	ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16914	0.531	ug/L #	92
47) Tetrachloroethene	8.58	164	34374	1.639	ug/L	92
48) 2-Hexanone	8.69	43	38986	2.705	ug/L #	67
49) Dibromochloromethane	8.58	129	31419	1.282	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	9383	0.453	ug/L #	84

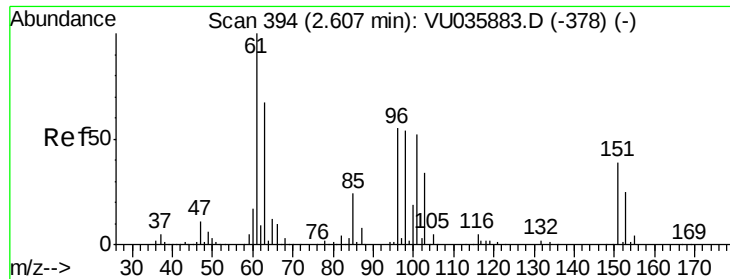
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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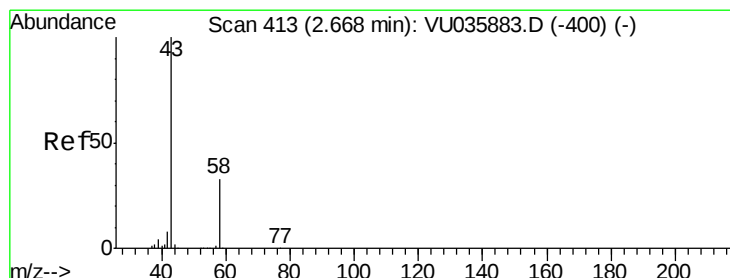
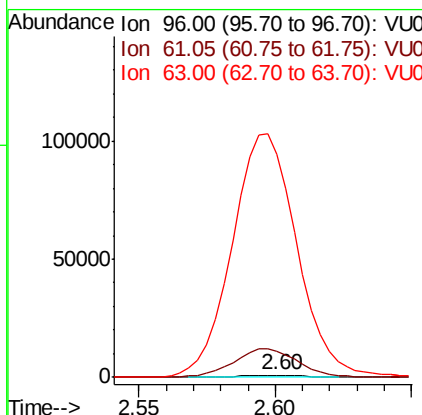
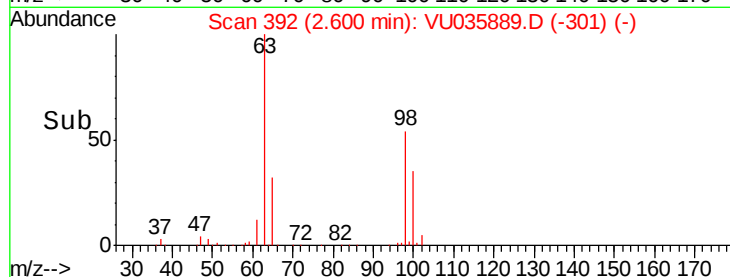
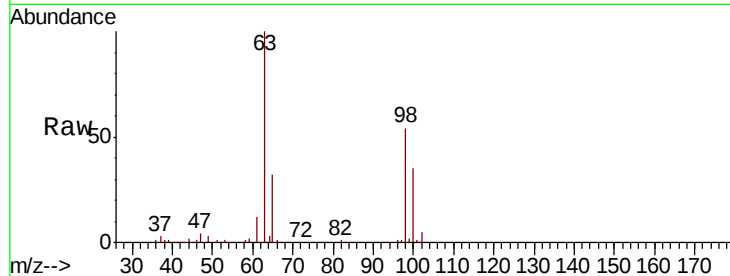




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: VU035889.D
 Acq: 27 Nov 2019 12:08

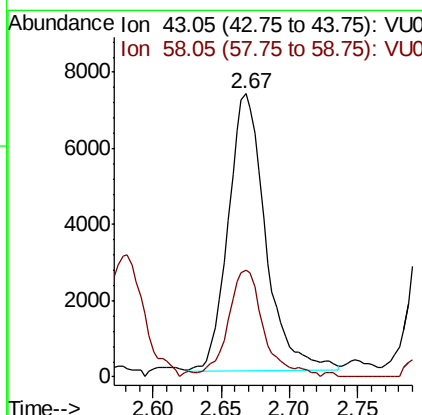
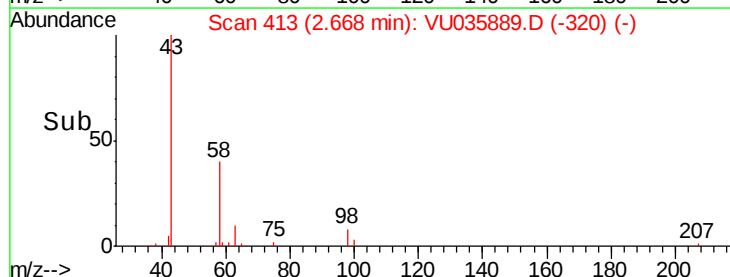
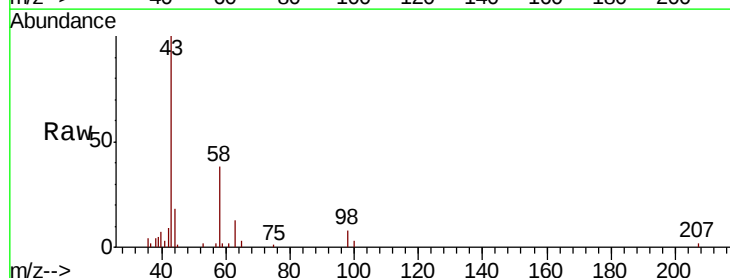
Instrument :
 MSVOA_U
 ClientSampled :

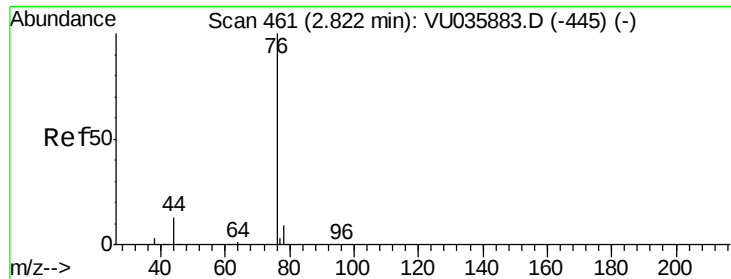
Tot Ion: 96 Resp: 1518
 Ion Ratio Lower Upper
 96 100
 61 1136.0 139.3 258.7#
 63 9805.6 93.7 174.1#



#13
 Acetone
 Concen: 2.233 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: VU035889.D
 Acq: 27 Nov 2019 12:08

Tgt Ion: 43 Resp: 13860
 Ion Ratio Lower Upper
 43 100
 58 36.8 0.0 61.2





#14

Carbon disulfide

Concen: 0.286 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035889.D

Acq: 27 Nov 2019 12:08

Instrument :

MSVOA_U

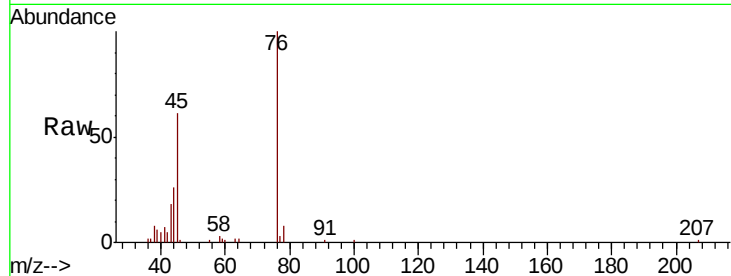
ClientSampled :

Tot Ion: 76 Resp: 23073

Ion Ratio Lower Upper

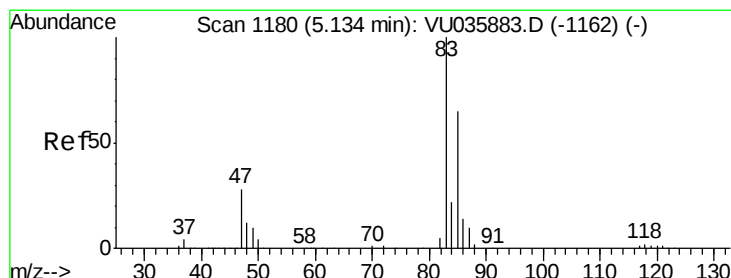
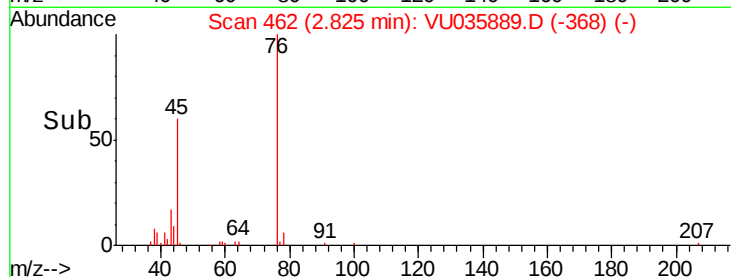
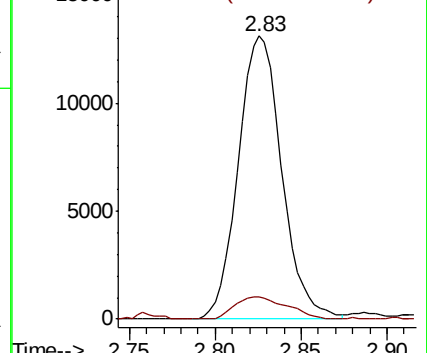
76 100

78 8.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035889.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035889.D (-445) (-)



#25

Chloroform

Concen: 0.282 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU035889.D

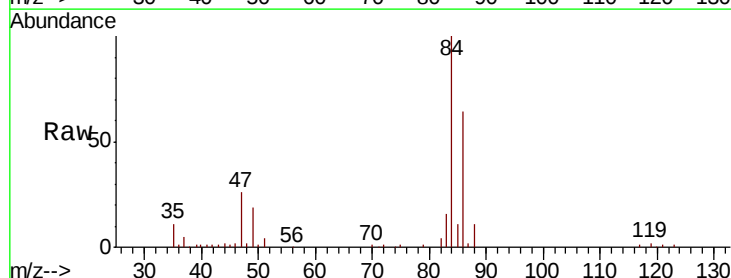
Acq: 27 Nov 2019 12:08

Tgt Ion: 83 Resp: 14773

Ion Ratio Lower Upper

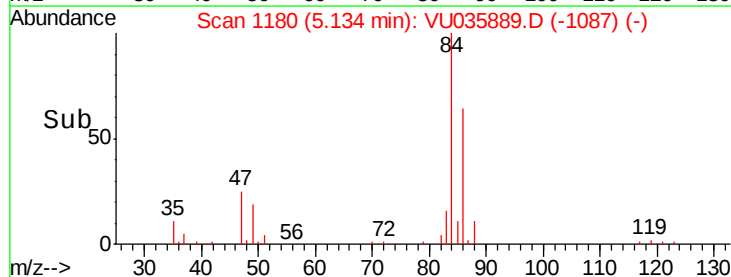
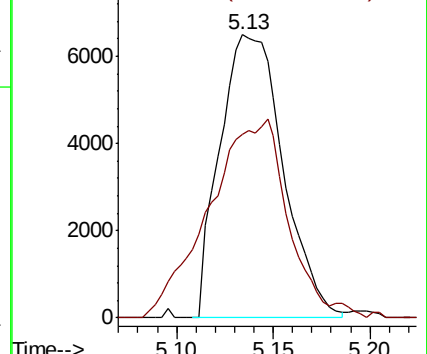
83 100

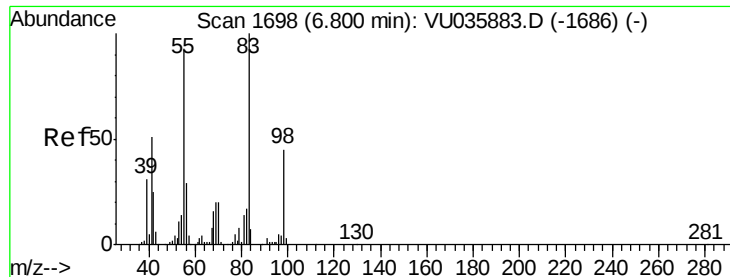
85 65.0 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035889.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU035889.D (-1087) (-)

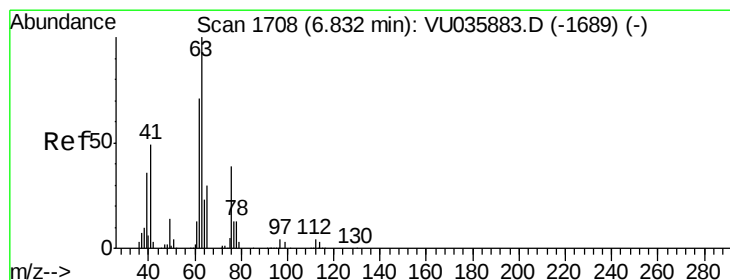
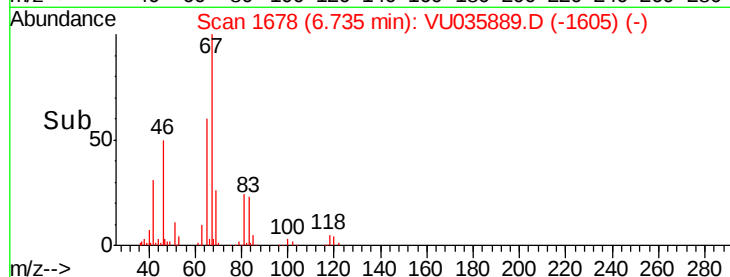
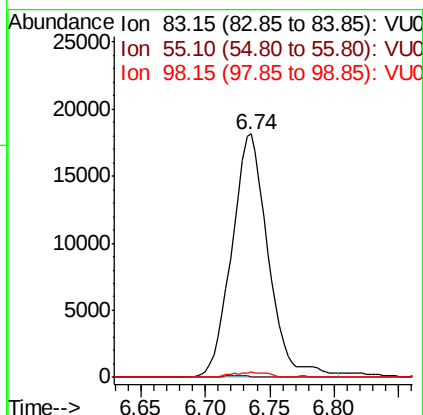
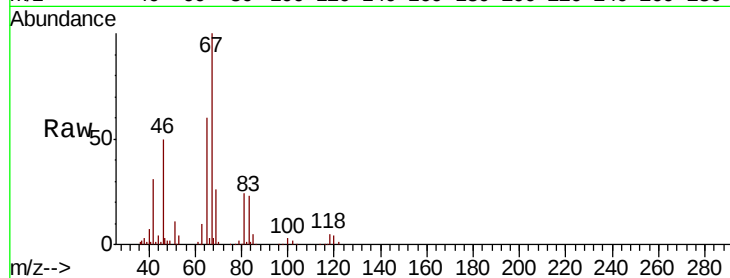




#35
Methvlcvclohexane
Concen: 0.879 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035889.D
Acq: 27 Nov 2019 12:08

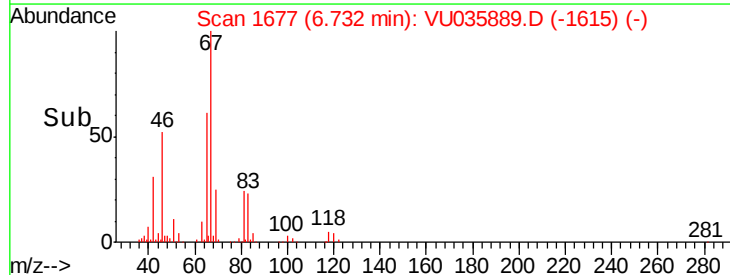
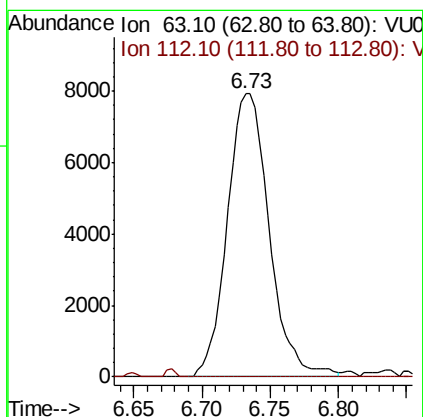
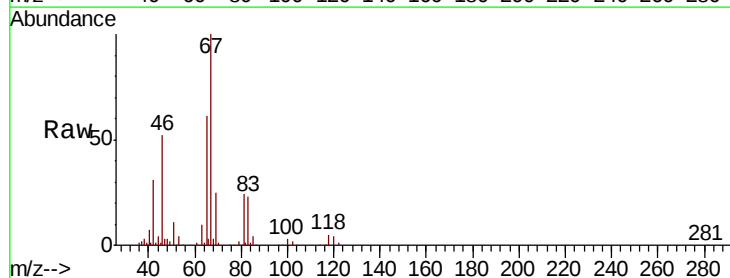
Instrument :
MSVOA_U
ClientSampleId :

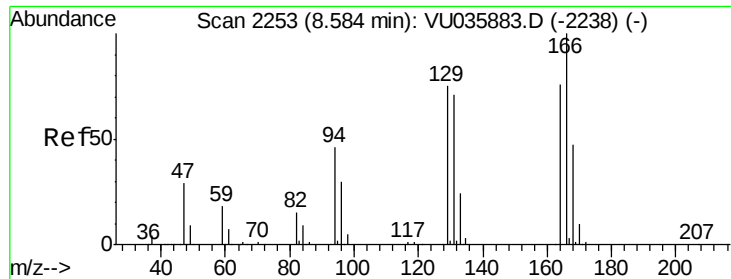
Tot Ion: 83 Resp: 35544
Ion Ratio Lower Upper
83 100
55 0.4 72.7 109.1#
98 2.0 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035889.D
Acq: 27 Nov 2019 12:08

Tgt Ion: 63 Resp: 16914
Ion Ratio Lower Upper
63 100
112 0.6 2.7 4.1#

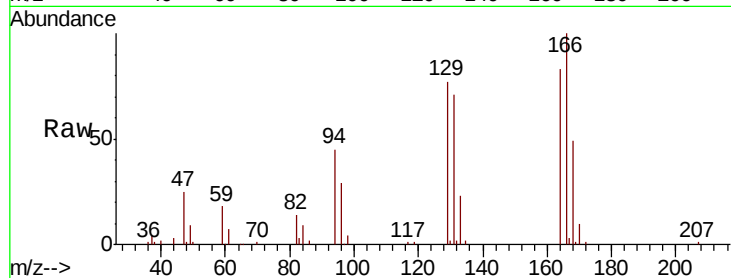




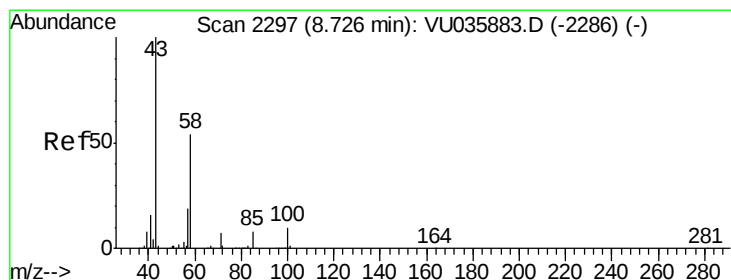
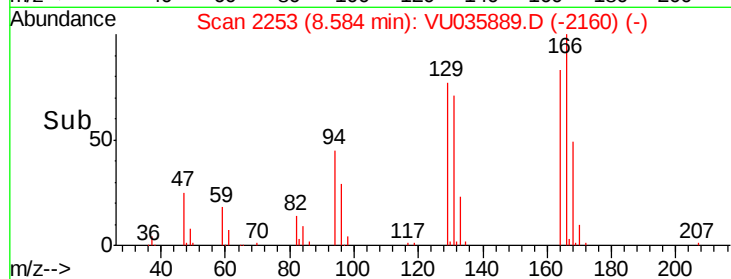
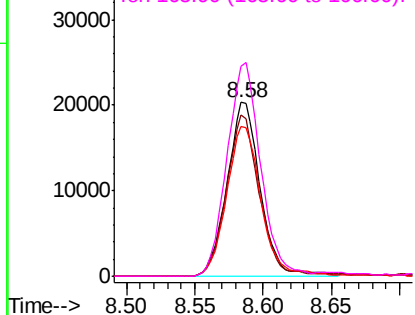
#47
Tetrachloroethene
Concen: 1.639 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035889.D
Acq: 27 Nov 2019 12:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 34374
Ion Ratio Lower Upper
164 100
129 92.9 68.8 127.8
131 86.4 67.3 124.9
166 121.1 91.6 170.2

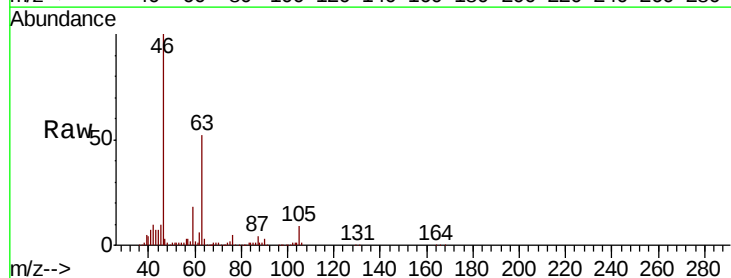


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

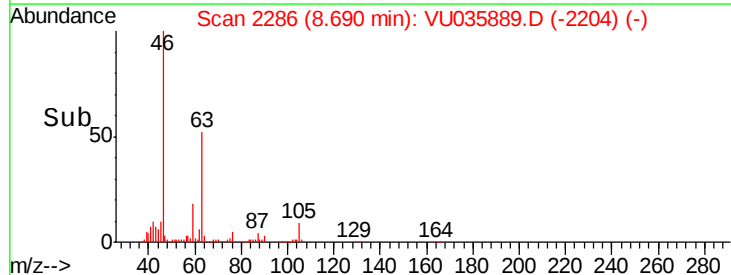
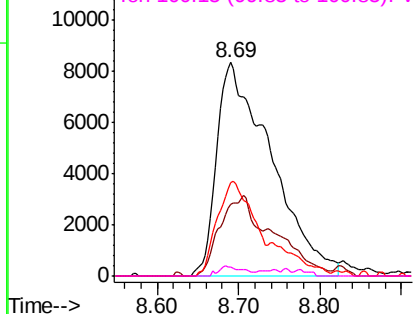


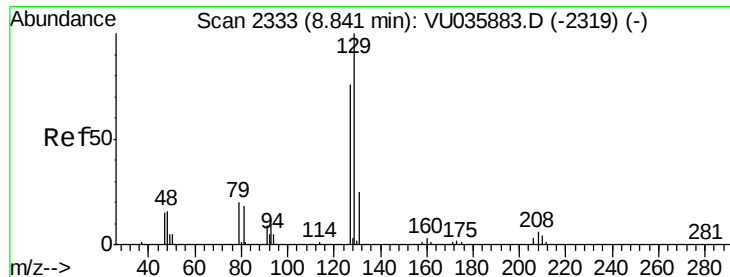
#48
2-Hexanone
Concen: 2.705 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035889.D
Acq: 27 Nov 2019 12:08

Tgt Ion: 43 Resp: 38986
Ion Ratio Lower Upper
43 100
58 24.1 39.8 59.8#
57 29.4 14.0 21.0#
100 2.0 7.2 10.8#



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: 1.282 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035889.D

Acq: 27 Nov 2019 12:08

Instrument :

MSVOA_U

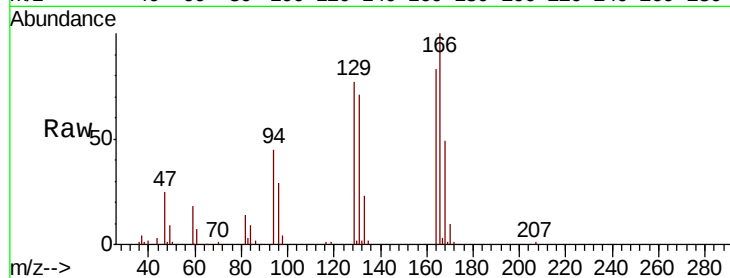
ClientSampleId :

Tot Ion:129 Resp: 31419

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

20000

15000

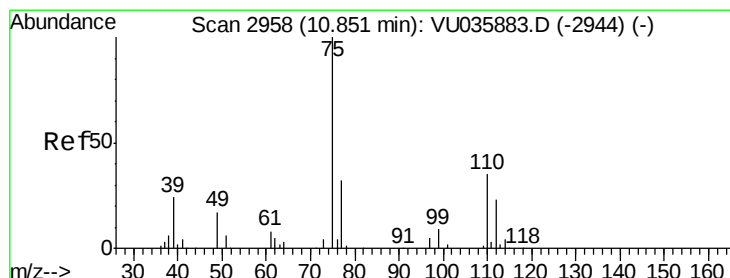
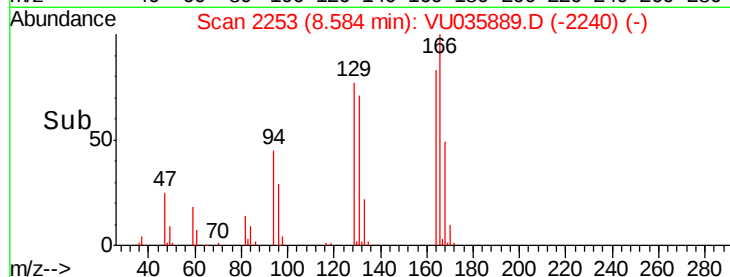
10000

5000

0

8.55 8.60 8.65

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.453 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035889.D

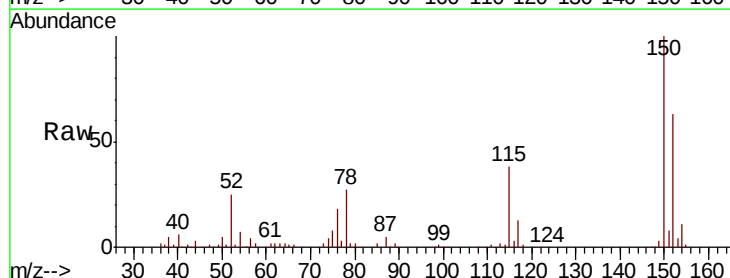
Acq: 27 Nov 2019 12:08

Tgt Ion: 75 Resp: 9383

Ion Ratio Lower Upper

75 100

77 40.8 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.84

6000

5000

4000

3000

2000

1000

0

11.80 11.85 11.90

Time-->

