

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035893.D
 Acq On : 27 Nov 2019 13:45
 Operator : JC/SP
 Sample : K6057-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:01:12 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	225833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	133018	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	128520	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	168693	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.69	46	286862	42.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.04%
24) Chloroform-d	5.11	84	226828	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	133188	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.77	84	443237	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.73	67	153853	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.93	98	347690	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.22	79	49583	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.69	63	238958	44.36	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	122472	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	83824	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

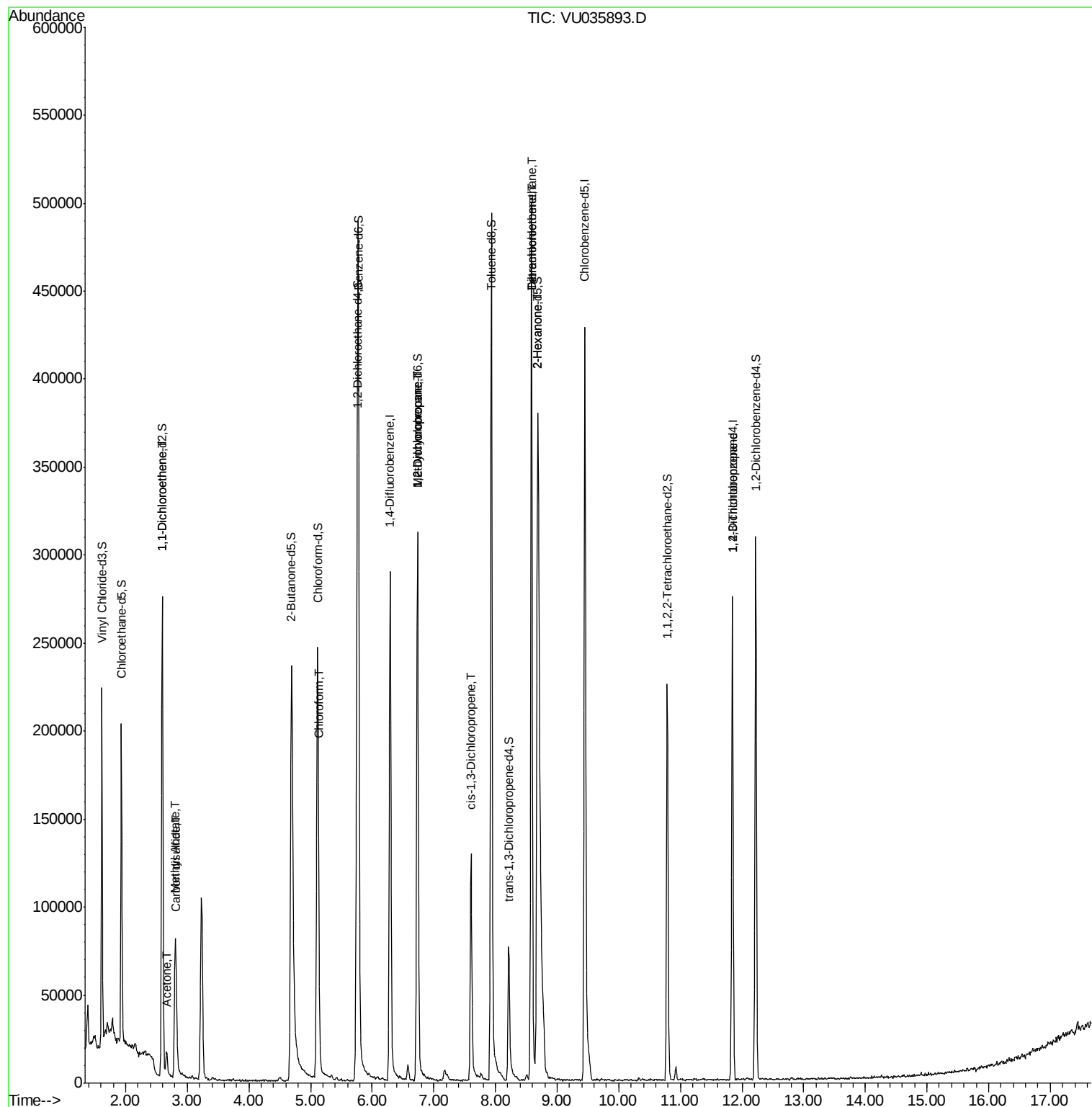
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1573	0.067	ug/L #	1
13) Acetone	2.67	43	16299	2.718	ug/L	91
14) Carbon disulfide	2.83	76	37604	0.482	ug/L	99
15) Methyl Acetate	2.80	43	22524	1.874	ug/L #	53
25) Chloroform	5.14	83	18014	0.356	ug/L	99
35) Methylcyclohexane	6.74	83	33165	0.824	ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16161	0.510	ug/L #	90
39) cis-1,3-Dichloropropene	7.61	75	3249	0.079	ug/L #	32
47) Tetrachloroethene	8.59	164	114417	5.484	ug/L	94
48) 2-Hexanone	8.69	43	40155	2.801	ug/L #	57
49) Dibromochloromethane	8.58	129	107371	4.404	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	10264	0.498	ug/L	96

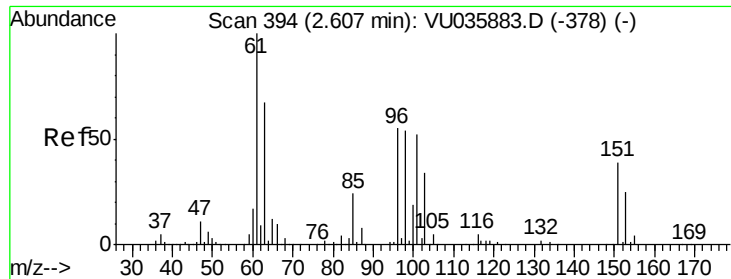
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112719\
Data File : VU035893.D
Acq On : 27 Nov 2019 13:45
Operator : JC/SP
Sample : K6057-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 28 05:01:12 2019
Quant Method : Z:\V0ASRV\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

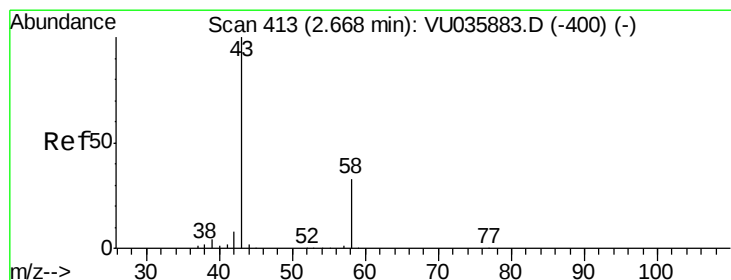
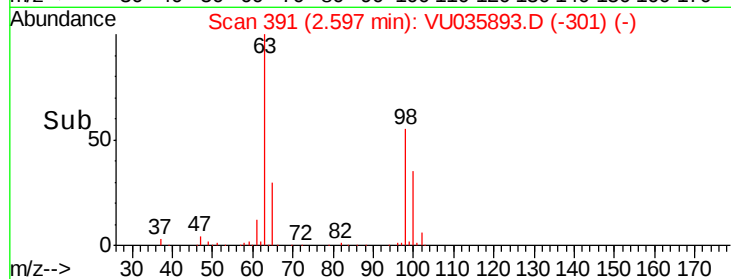
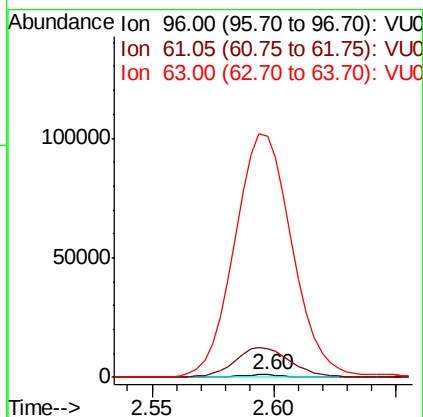
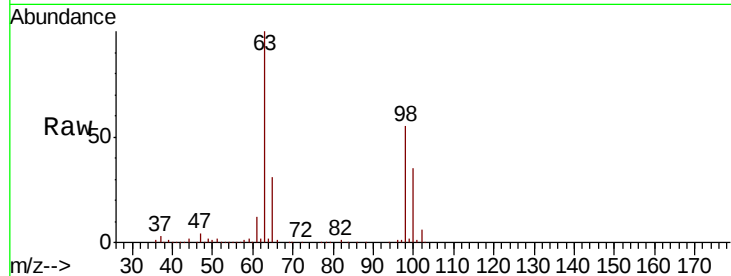




#12
 1,1-Dichloroethene
 Concen: 0.067 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035893.D
 Acq: 27 Nov 2019 13:45

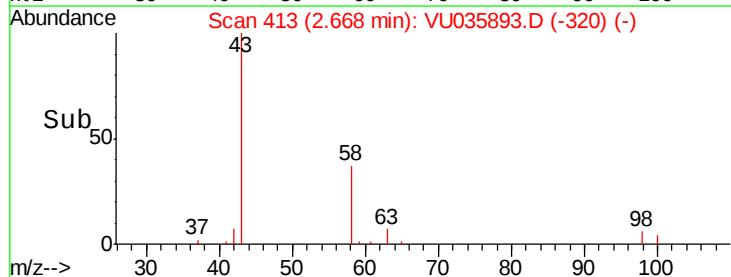
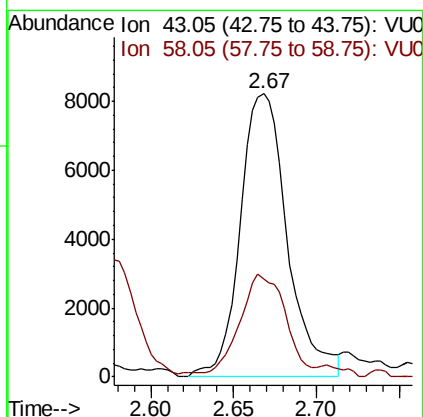
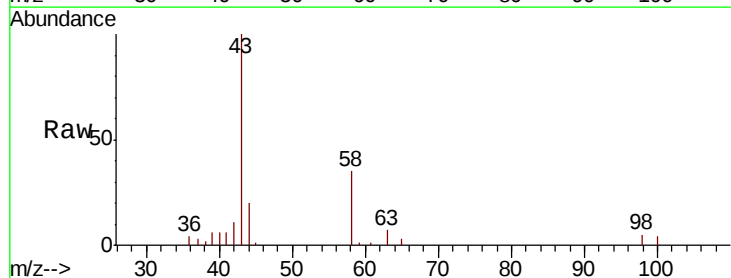
Instrument :
 MSVOA_U
 ClientSampleID :

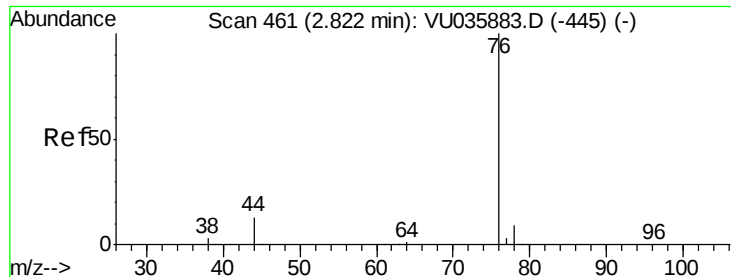
Tot Ion: 96 Resp: 1573
 Ion Ratio Lower Upper
 96 100
 61 1020.3 139.3 258.7#
 63 8761.1 93.7 174.1#



#13
 Acetone
 Concen: 2.718 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: VU035893.D
 Acq: 27 Nov 2019 13:45

Tgt Ion: 43 Resp: 16299
 Ion Ratio Lower Upper
 43 100
 58 35.7 0.0 61.2





#14

Carbon disulfide

Concen: 0.482 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035893.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_U

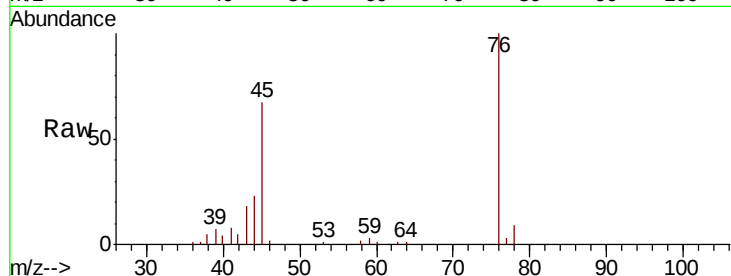
ClientSampleId :

Tot Ion: 76 Resp: 37604

Ion Ratio Lower Upper

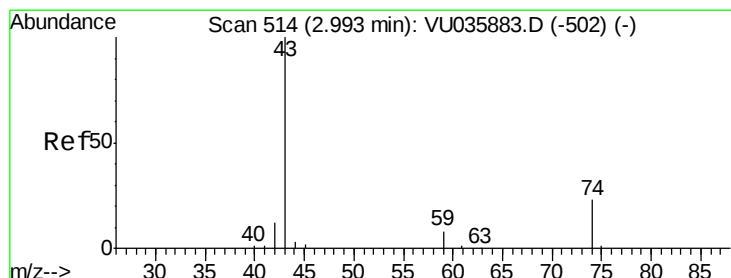
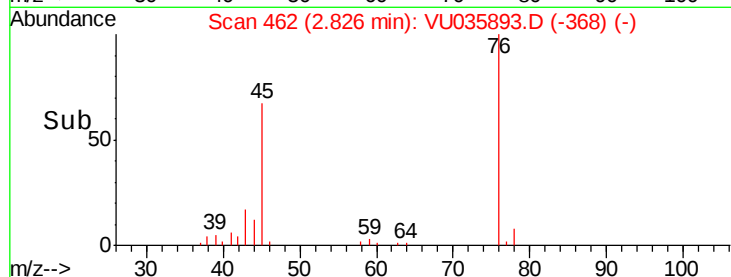
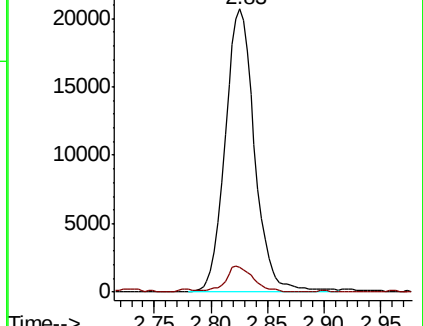
76 100

78 8.7 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035893.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035893.D (-445) (-)



#15

Methyl Acetate

Concen: 1.874 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.19 min

Lab File: VU035893.D

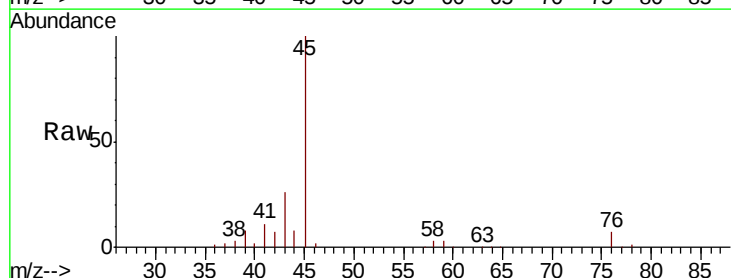
Acq: 27 Nov 2019 13:45

Tgt Ion: 43 Resp: 22524

Ion Ratio Lower Upper

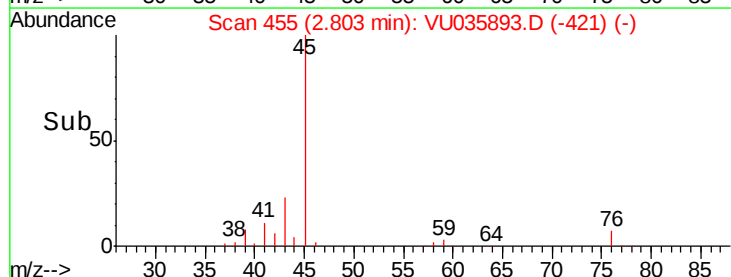
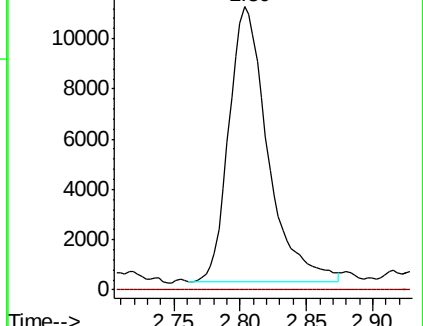
43 100

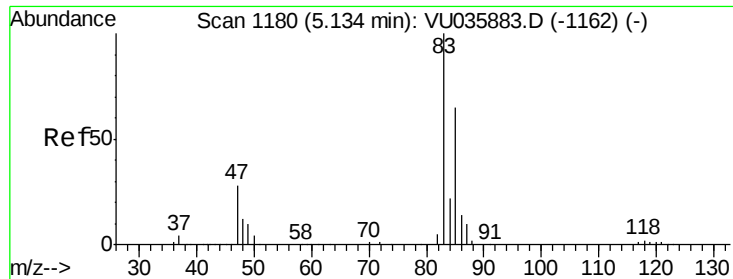
74 0.0 18.2 27.4#



Abundance Ion 43.05 (42.75 to 43.75): VU035893.D (-502) (-)

Ion 74.05 (73.75 to 74.75): VU035893.D (-502) (-)





#25

Chloroform

Concen: 0.356 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035893.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_U

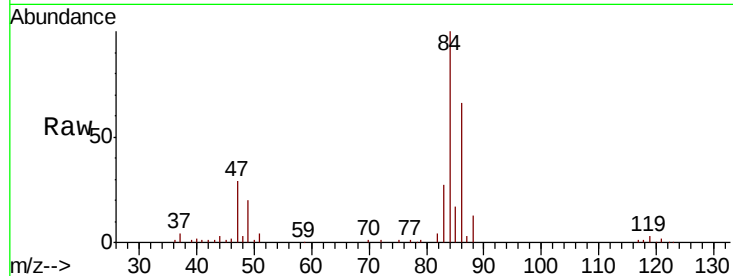
ClientSampleId :

Tot Ion: 83 Resp: 18014

Ion Ratio Lower Upper

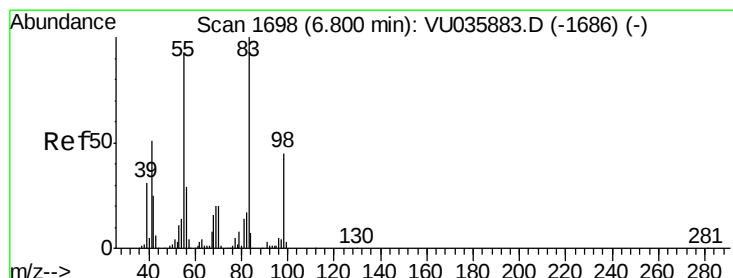
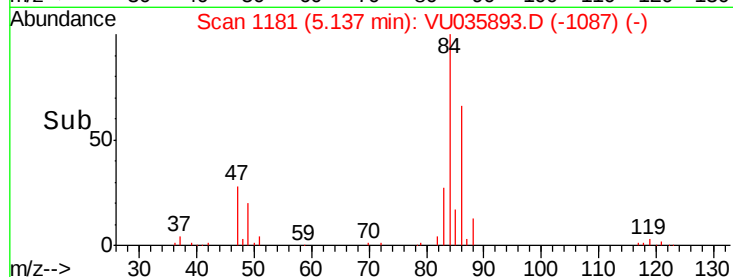
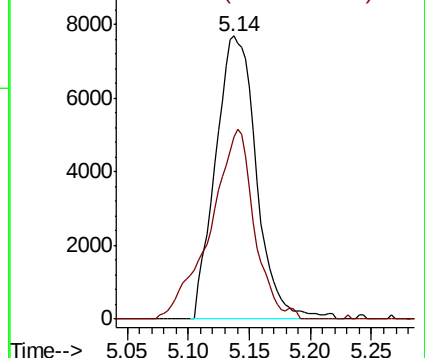
83 100

85 64.4 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035893.D

Acq: 27 Nov 2019 13:45

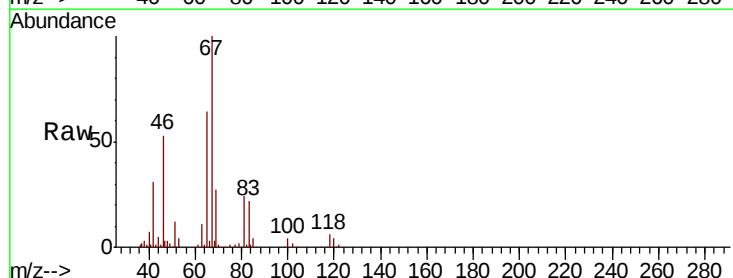
Tgt Ion: 83 Resp: 33165

Ion Ratio Lower Upper

83 100

55 0.1 72.7 109.1#

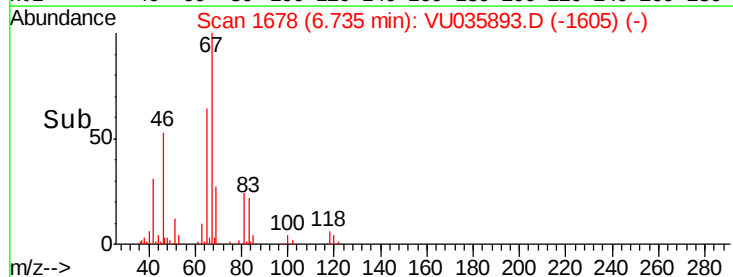
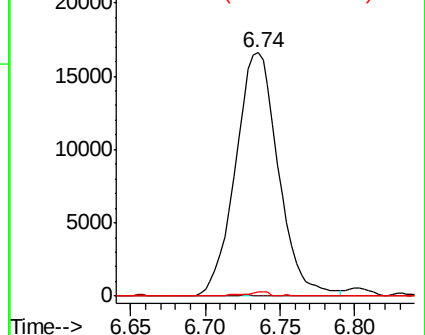
98 1.1 36.2 54.4#

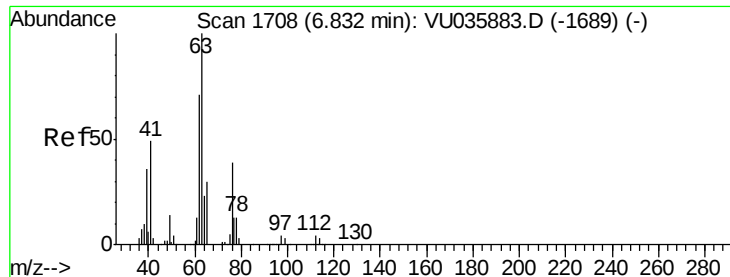


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035893.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_U

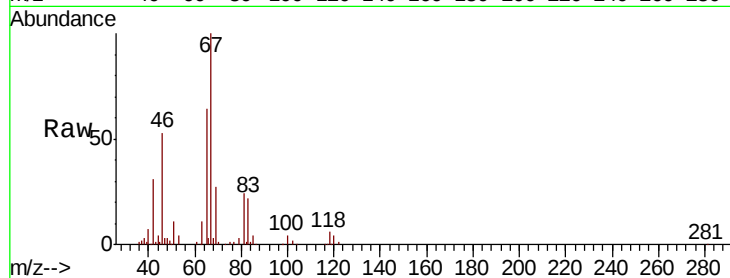
ClientSampleId :

Tot Ion: 63 Resp: 16161

Ion Ratio Lower Upper

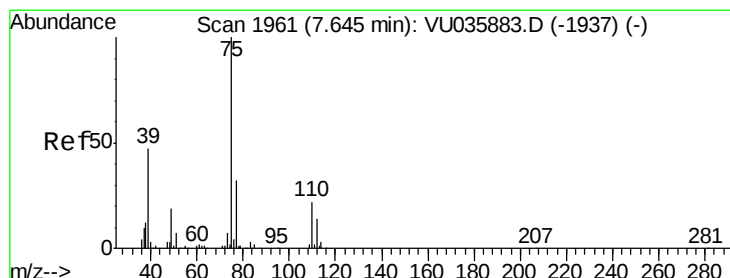
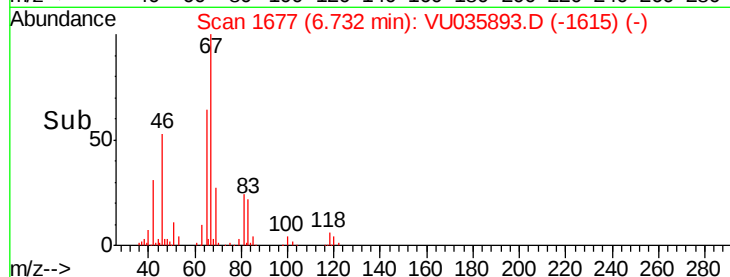
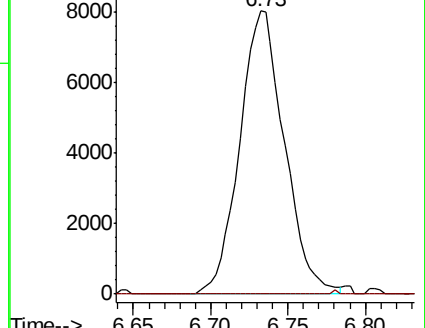
63 100

112 0.1 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU035893.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU035893.D (-1689) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035893.D

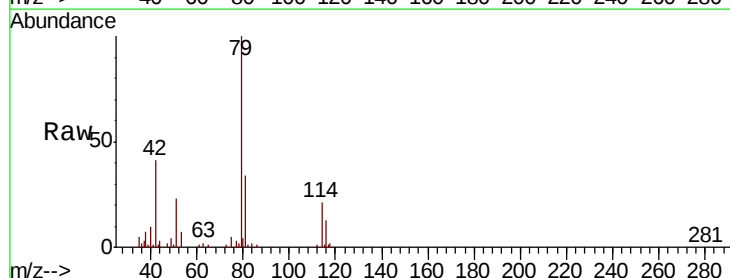
Acq: 27 Nov 2019 13:45

Tgt Ion: 75 Resp: 3249

Ion Ratio Lower Upper

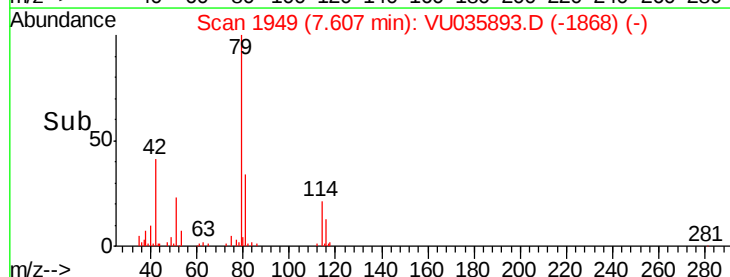
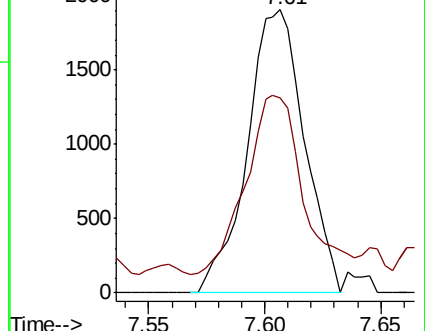
75 100

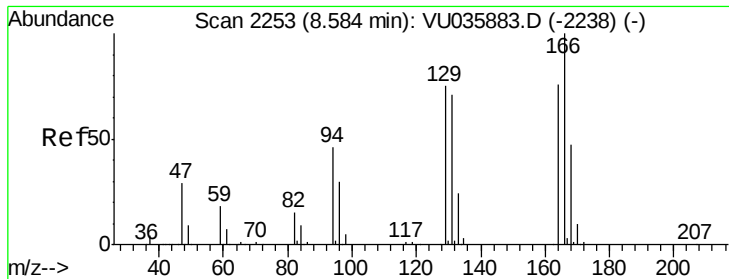
77 69.1 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035893.D (-1868) (-)

Ion 77.05 (76.75 to 77.75): VU035893.D (-1868) (-)





#47

Tetrachloroethene

Concen: 5.484 ug/L

RT: 8.59 min Scan# 2254

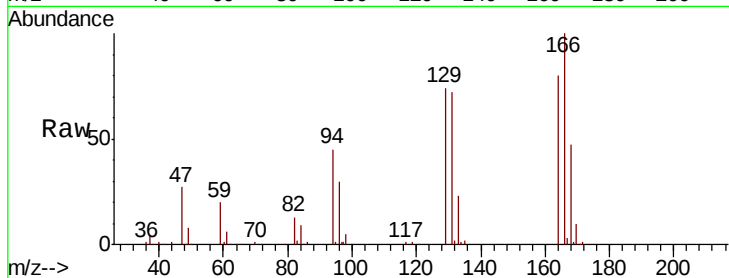
Delta R.T. 0.00 min

Lab File: VU035893.D

Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164	Resp:	114417
Ion Ratio	Lower	Upper
164	100	
129	92.1	68.8 127.8
131	89.9	67.3 124.9
166	124.8	91.6 170.2



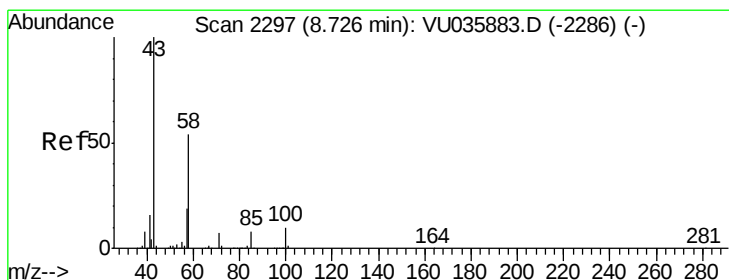
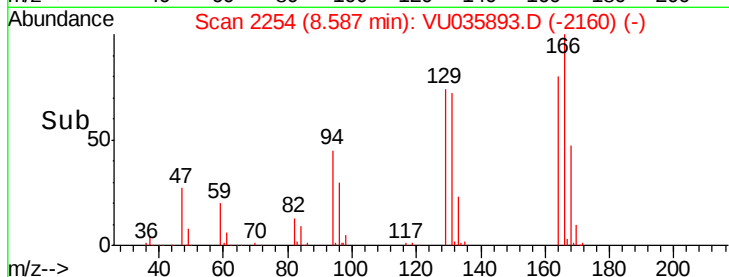
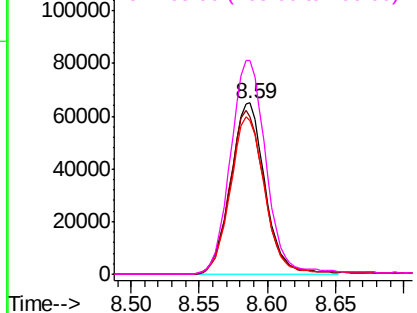
Abundance

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: 2.801 ug/L

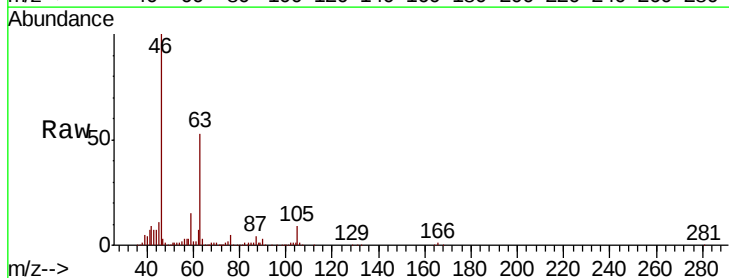
RT: 8.69 min Scan# 2287

Delta R.T. -0.03 min

Lab File: VU035893.D

Acq: 27 Nov 2019 13:45

Tgt Ion: 43	Resp:	40155
Ion Ratio	Lower	Upper
43	100	
58	18.2	39.8 59.8#
57	36.7	14.0 21.0#
100	0.8	7.2 10.8#



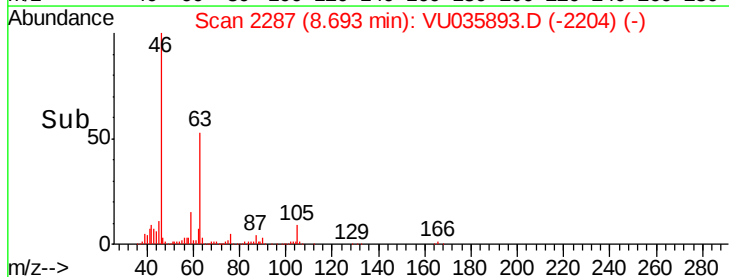
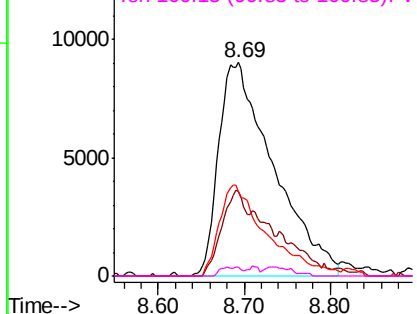
Abundance

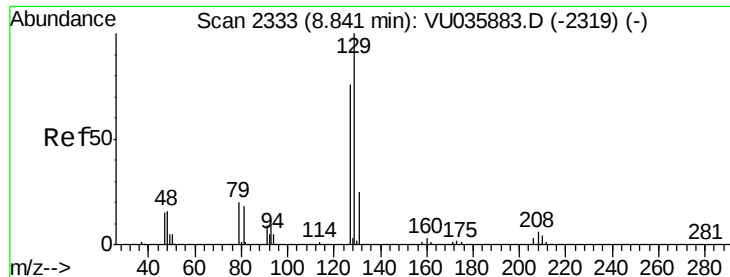
Ion 43.05 (42.75 to 43.75): VU0

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: 4.404 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035893.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_U

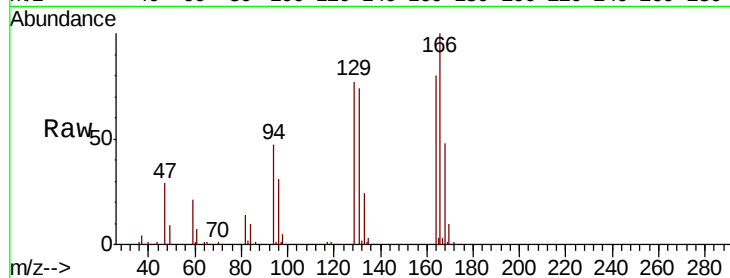
ClientSampleId :

Tot Ion:129 Resp: 107371

Ion Ratio Lower Upper

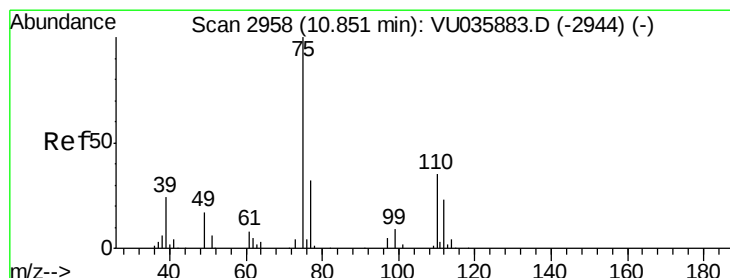
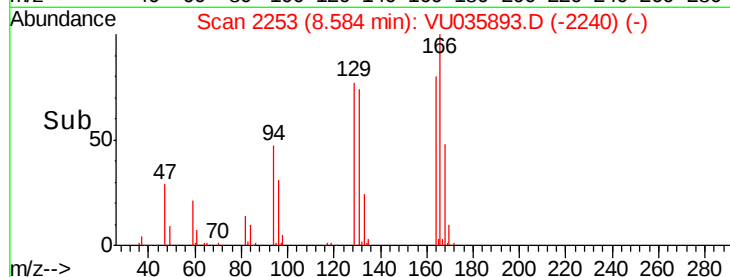
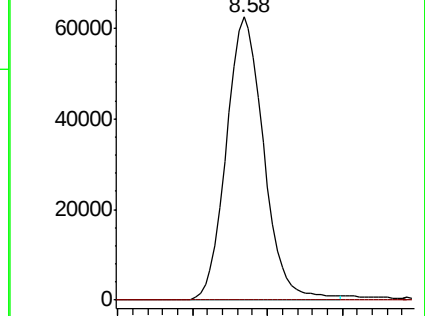
129 100

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



#59

1,2,3-Trichloropropane

Concen: 0.498 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035893.D

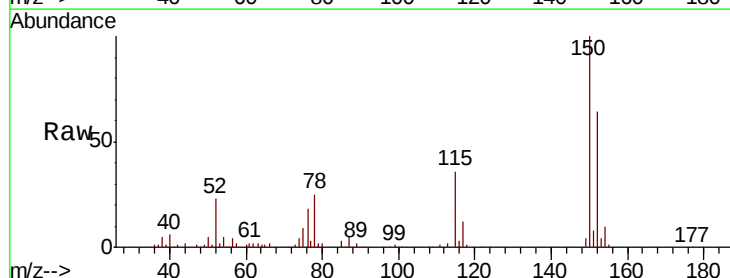
Acq: 27 Nov 2019 13:45

Tgt Ion: 75 Resp: 10264

Ion Ratio Lower Upper

75 100

77 34.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

