

Data File : VU035169.D
Acq On : 14 Oct 2019 23:03
Operator : JC/SP
Sample : K5317-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CE6

Quant Time: Oct 15 08:04:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	145274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	154610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	54153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44199	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	43191	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.26	63	64336	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.17	46	137491	54.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.74%
24) Chloroform-d	4.62	84	83278	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.29	65	51674	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.32	84	169406	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.31	67	60388	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.55	98	141507	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.84	79	17919	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	94672	45.64	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.28%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52742	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	48475	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

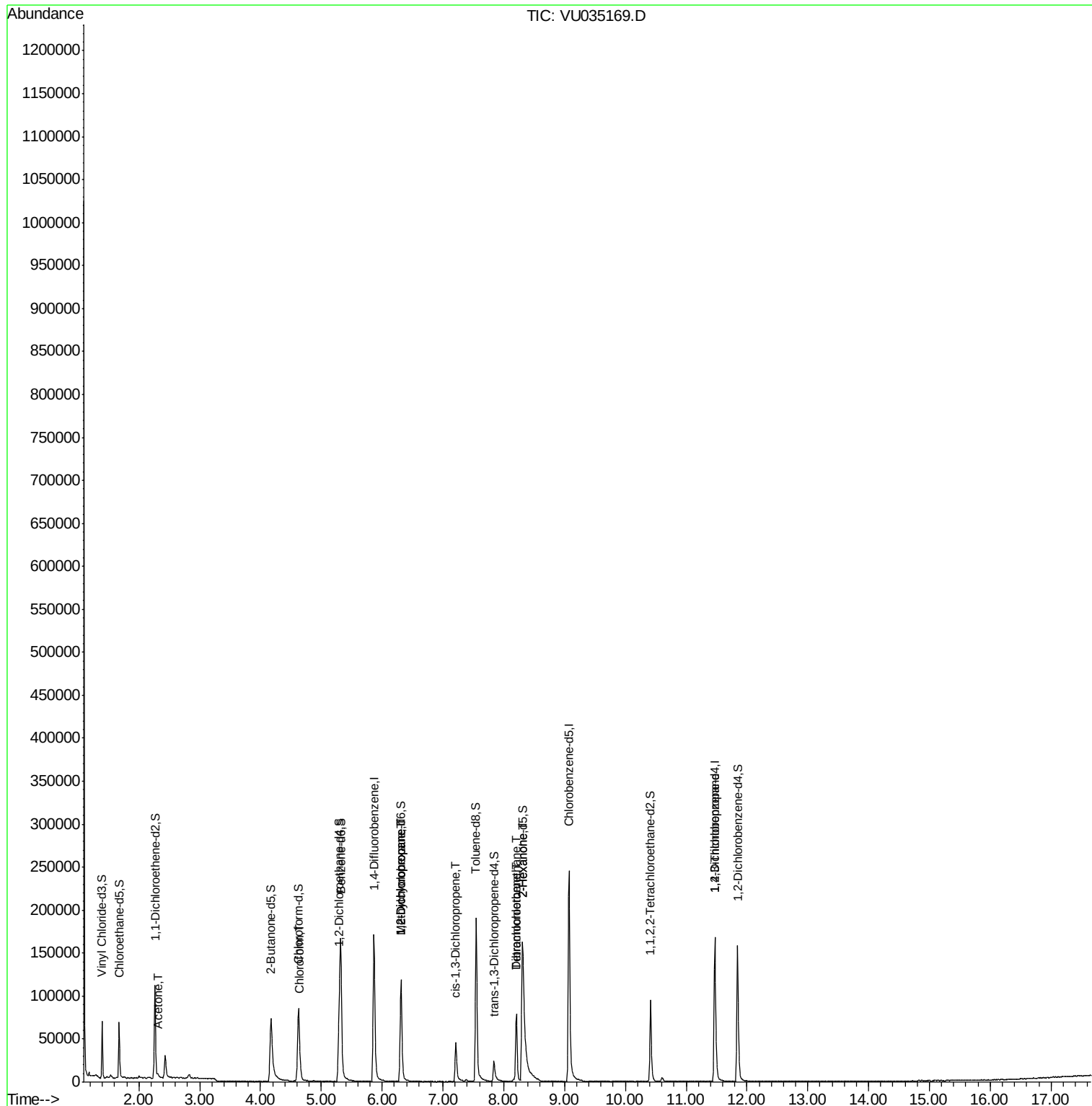
						Qvalue
13) Acetone	2.31	43	4828	2.331	ug/L	97
25) Chloroform	4.65	83	7160	0.321	ug/L	87
35) Methylcyclohexane	6.31	83	13489	0.693	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6908	0.550	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	1235	0.073	ug/L #	54
47) Tetrachloroethene	8.21	164	17559	1.806	ug/L	94
48) 2-Hexanone	8.31	43	13098	2.416	ug/L #	69
49) Dibromochloromethane	8.21	129	17353	1.800	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	6976	0.858	ug/L	97

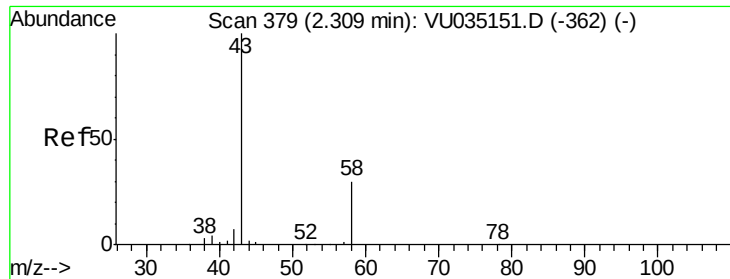
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.331 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035169.D

Acq: 14 Oct 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

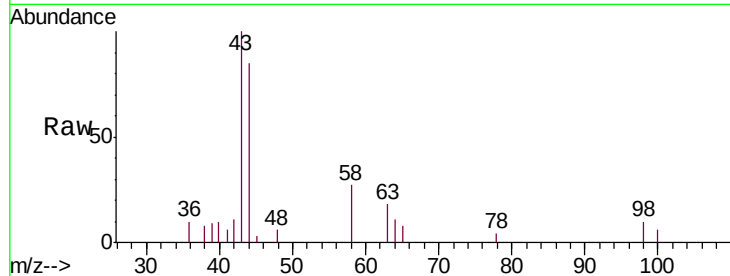
C0CE6

Tgt Ion: 43 Resp: 4828

Ion Ratio Lower Upper

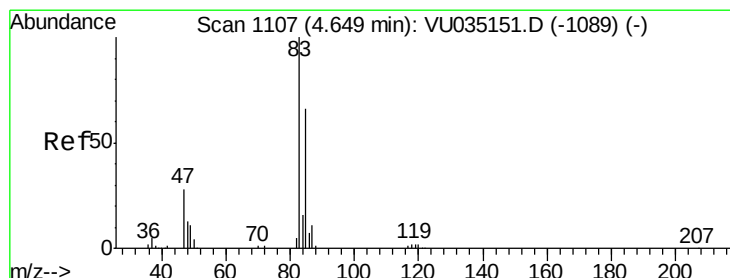
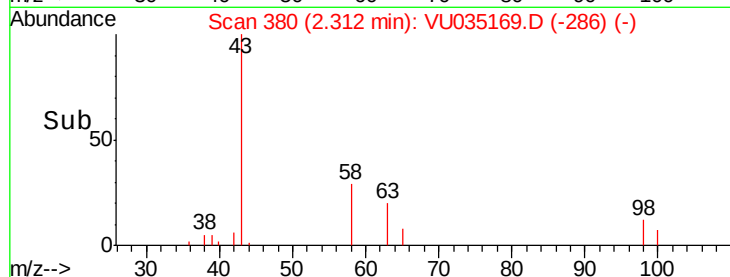
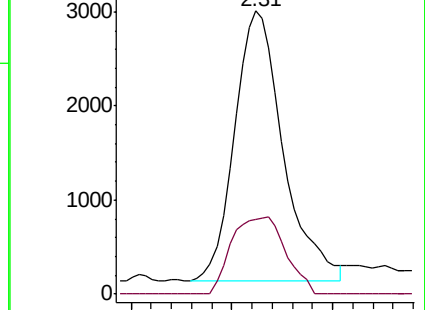
43 100

58 31.8 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035169.D (-380) (-)

Ion 58.05 (57.75 to 58.75): VU035169.D (-380) (-)



#25

Chloroform

Concen: 0.321 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035169.D

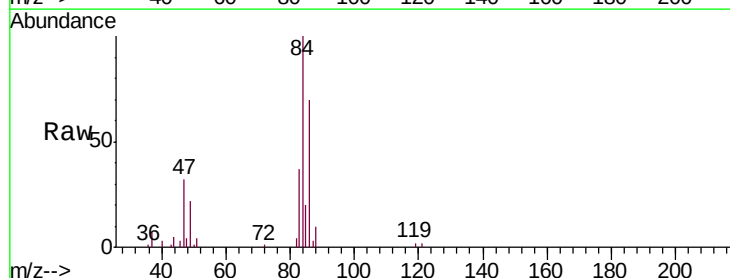
Acq: 14 Oct 2019 23:03

Tgt Ion: 83 Resp: 7160

Ion Ratio Lower Upper

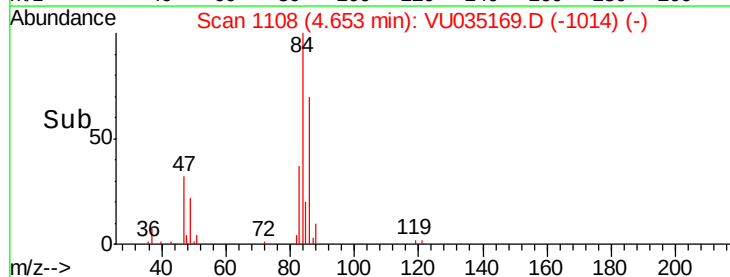
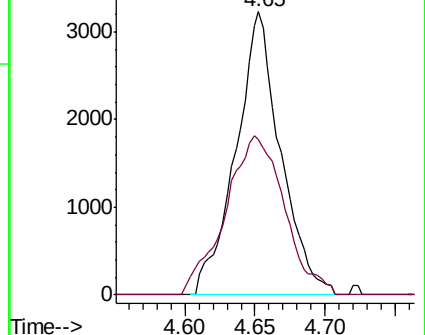
83 100

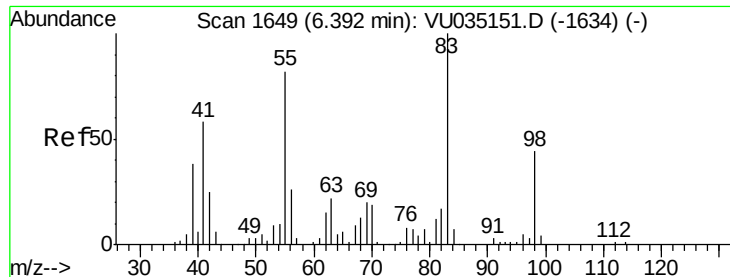
85 55.0 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035169.D (-1108) (-)

Ion 85.00 (84.70 to 85.70): VU035169.D (-1108) (-)

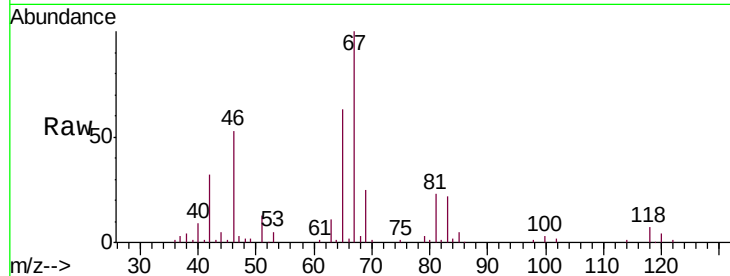




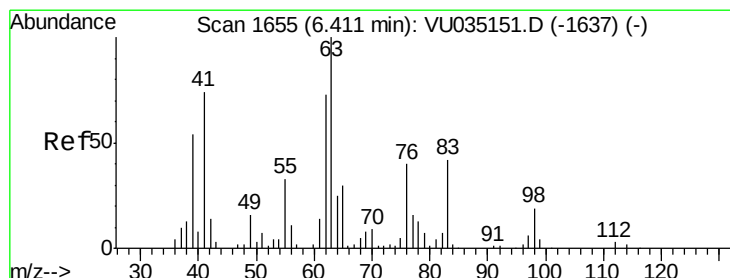
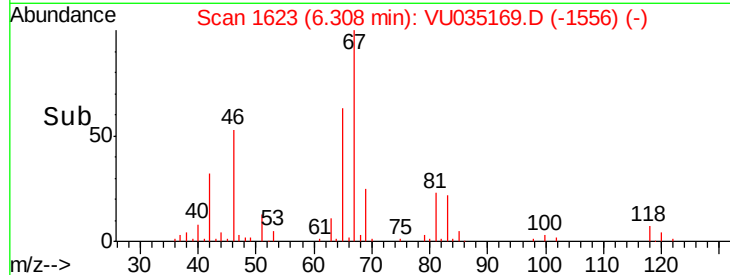
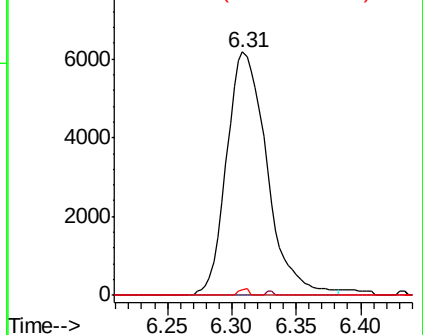
#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035169.D
Acq: 14 Oct 2019 23:03

Instrument :
MSVOA_U
ClientSampleId :
C0CE6

Tgt Ion: 83 Resp: 13489
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.6 36.2 54.2#

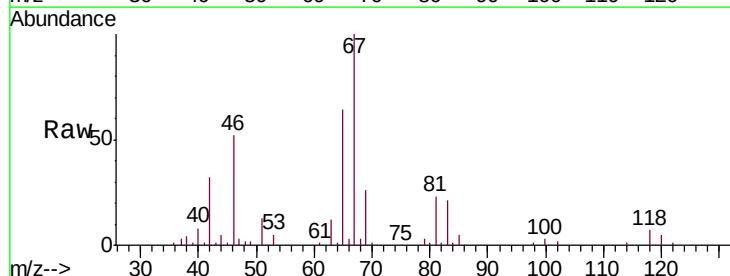


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

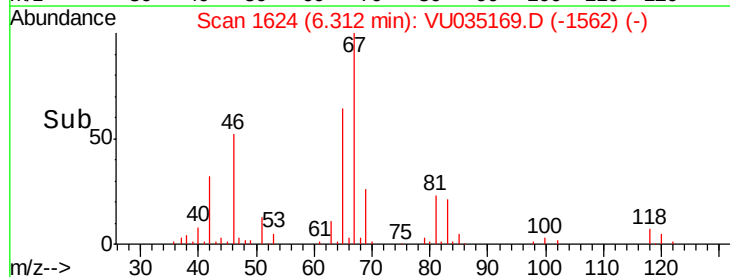
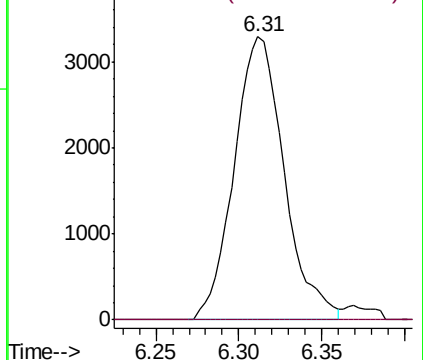


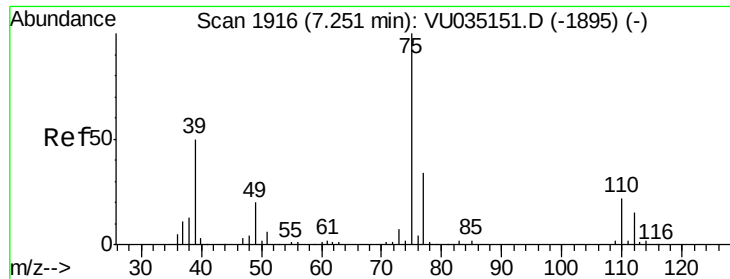
#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035169.D
Acq: 14 Oct 2019 23:03

Tgt Ion: 63 Resp: 6908
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



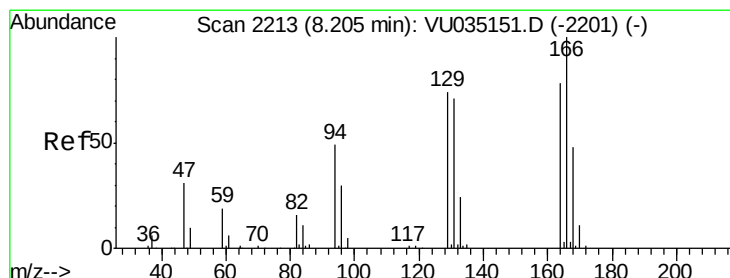
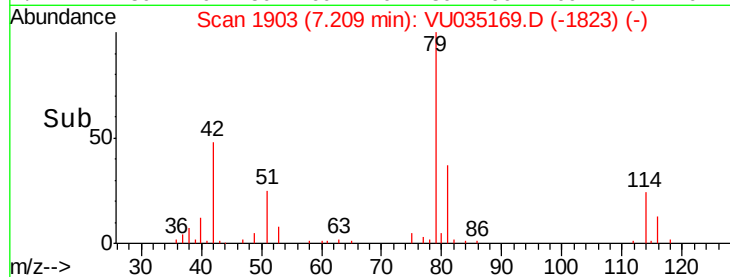
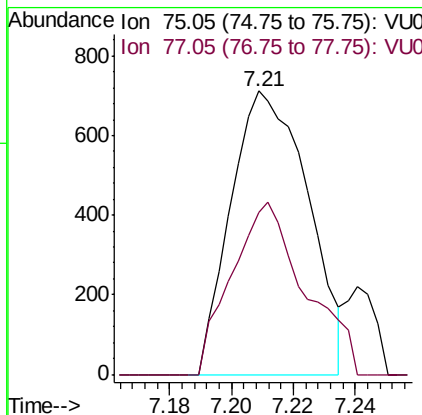
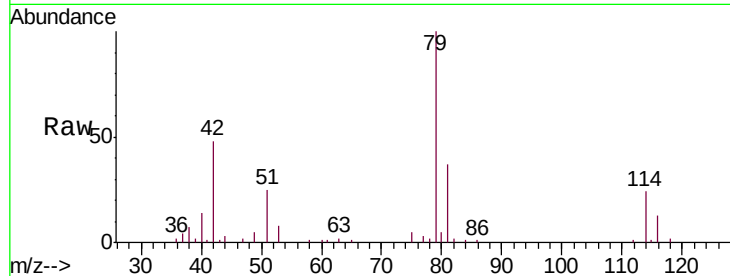


#39

cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU035169.D
 Acq: 14 Oct 2019 23:03

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CE6

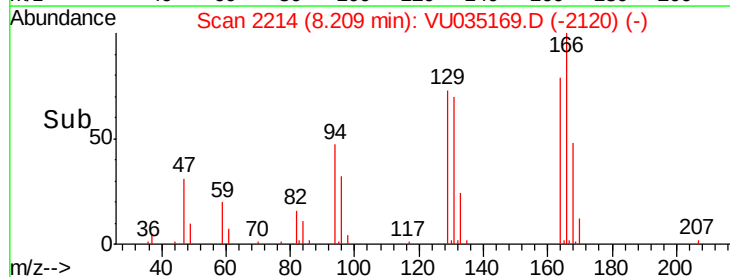
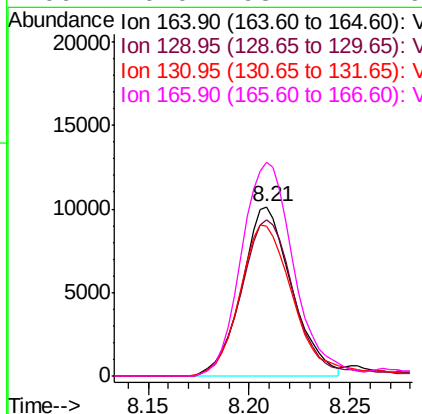
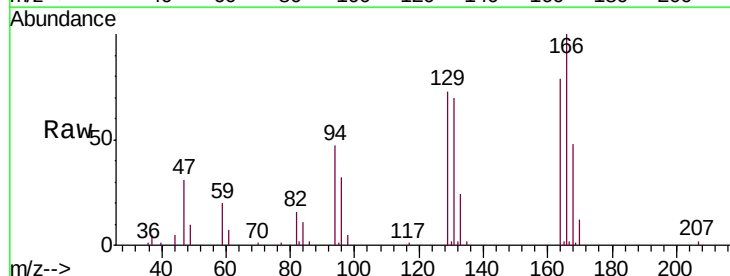
Tgt Ion: 75 Resp: 1235
 Ion Ratio Lower Upper
 75 100
 77 57.3 22.1 41.1#

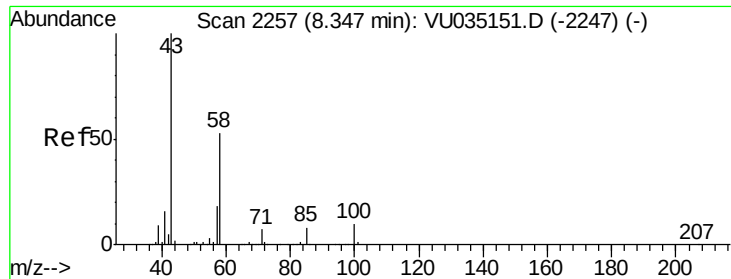


#47

Tetrachloroethene
 Concen: 1.806 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU035169.D
 Acq: 14 Oct 2019 23:03

Tgt Ion: 164 Resp: 17559
 Ion Ratio Lower Upper
 164 100
 129 92.2 68.5 127.1
 131 88.7 67.3 124.9
 166 126.0 93.1 172.9

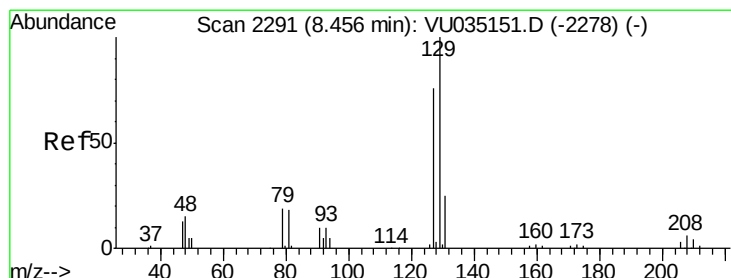
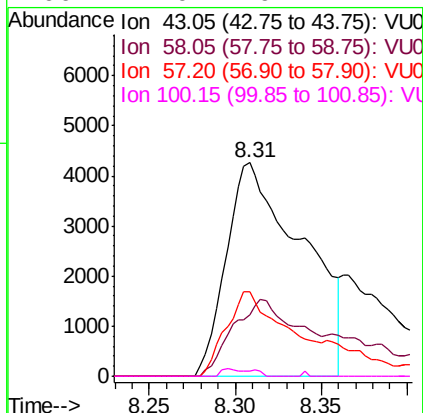
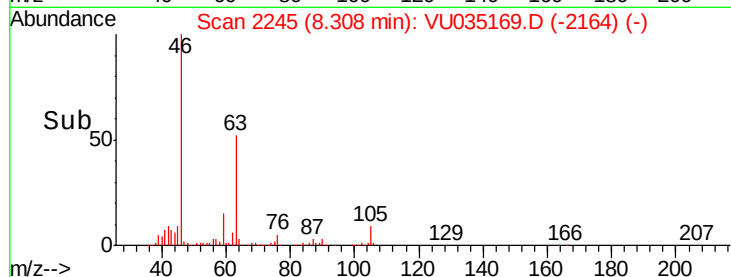
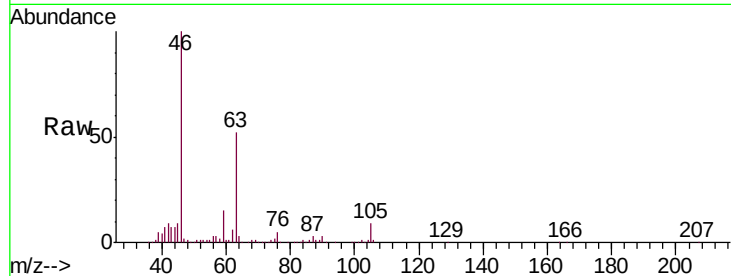




#48
2-Hexanone
Concen: 2.416 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.04 min
Lab File: VU035169.D
Acq: 14 Oct 2019 23:03

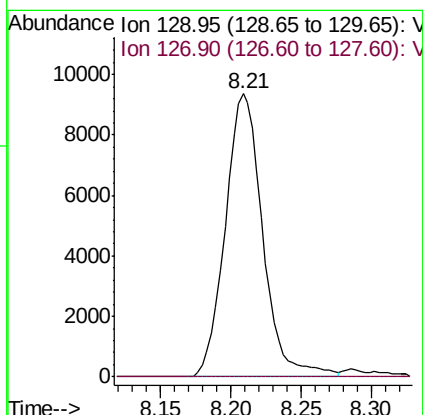
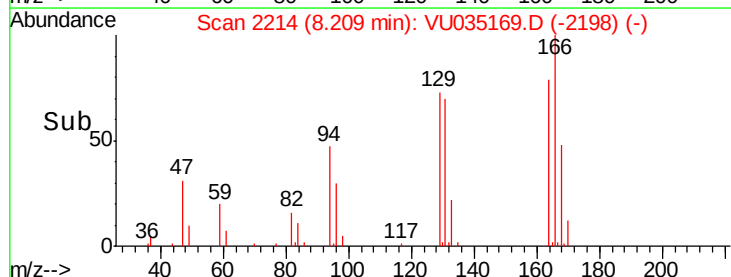
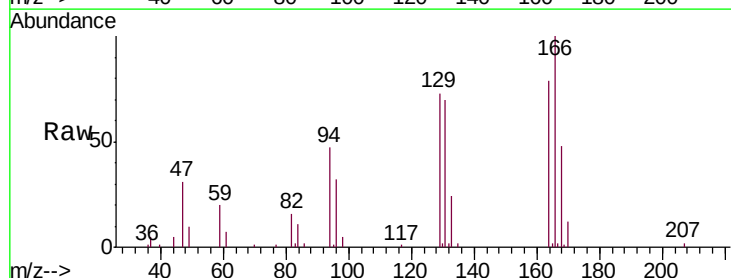
Instrument :
MSVOA_U
ClientSampleId :
C0CE6

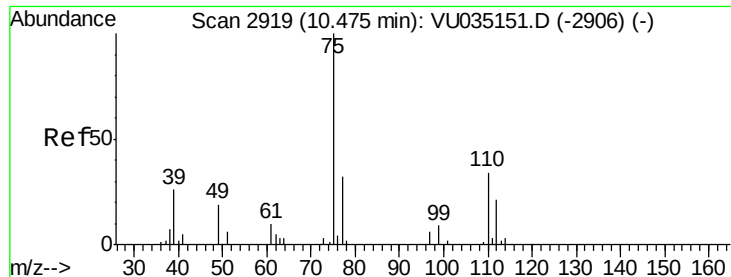
Tgt Ion: 43 Resp: 13098
Ion Ratio Lower Upper
43 100
58 31.4 44.1 66.1#
57 31.8 15.8 23.8#
100 1.0 9.4 14.2#



#49
Dibromochloromethane
Concen: 1.800 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035169.D
Acq: 14 Oct 2019 23:03

Tgt Ion: 129 Resp: 17353
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.858 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035169.D

Acq: 14 Oct 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

C0CE6

Tgt Ion: 75 Resp: 6976

Ion Ratio Lower Upper

75 100

77 34.9 26.5 39.7

