

Data File : VU034387.D
Acq On : 07 Sep 2019 17:50
Operator : JC/SP
Sample : K4724-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDB3

Quant Time: Sep 08 02:35:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	301116	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	145723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75876	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.68	69	70181	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.26	63	114771	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.17	46	216788	46.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.54%
24) Chloroform-d	4.63	84	161207	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.29	65	78304	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.32	84	349908	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.31	67	112554	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.55	98	307444	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.83	79	36850	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.30	63	157667	42.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	84729	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	128040	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

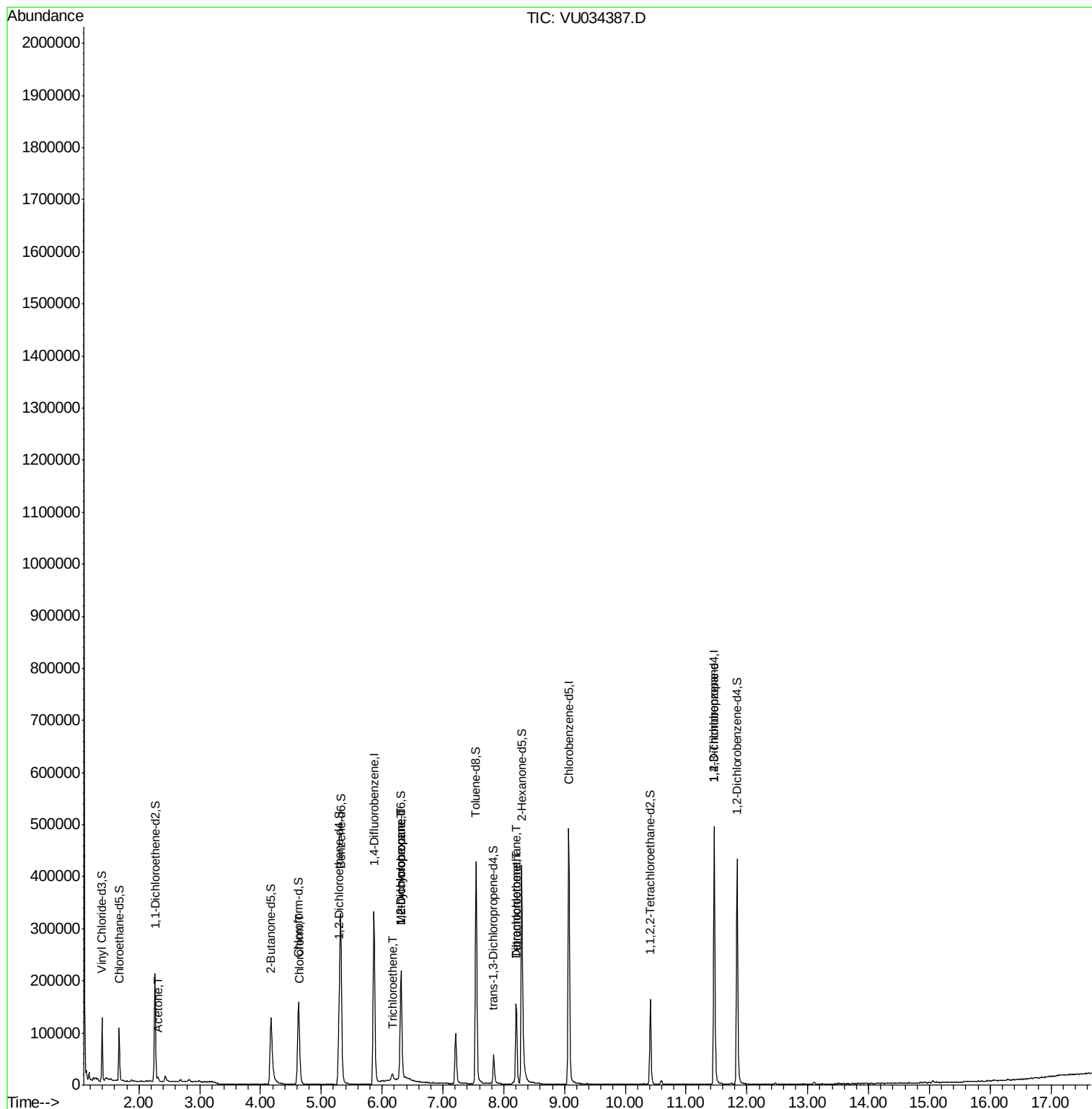
					Qvalue
13) Acetone	2.31	43	7219	2.302 ug/L	90
25) Chloroform	4.65	83	8251	0.203 ug/L	88
34) Trichloroethene	6.17	95	4219	0.184 ug/L	86
35) Methylcyclohexane	6.31	83	24776	0.651 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	11072	0.482 ug/L #	89
47) Tetrachloroethene	8.21	164	38903	2.061 ug/L	95
49) Dibromochloromethane	8.21	129	34942	2.000 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	15417	1.173 ug/L	93

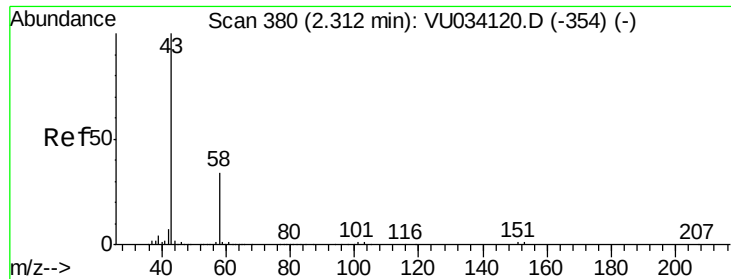
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.302 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

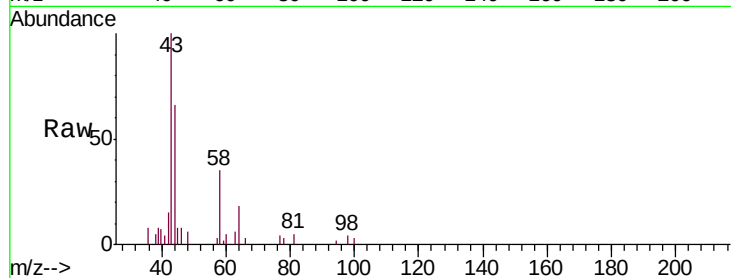
BFDB3

Tgt Ion: 43 Resp: 7219

Ion Ratio Lower Upper

43 100

58 39.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034120.D (-354) (-)

Ion 58.05 (57.75 to 58.75): VU034120.D (-354) (-)

2.31

5000

4000

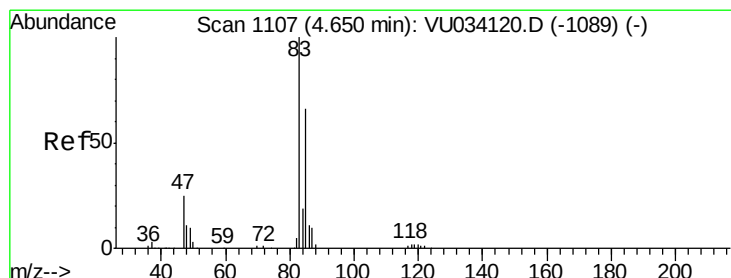
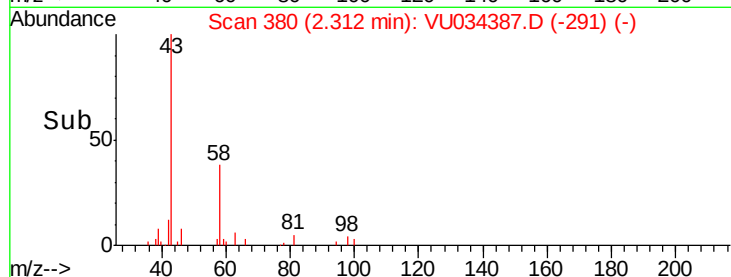
3000

2000

1000

0

Time-->



#25

Chloroform

Concen: 0.203 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034387.D

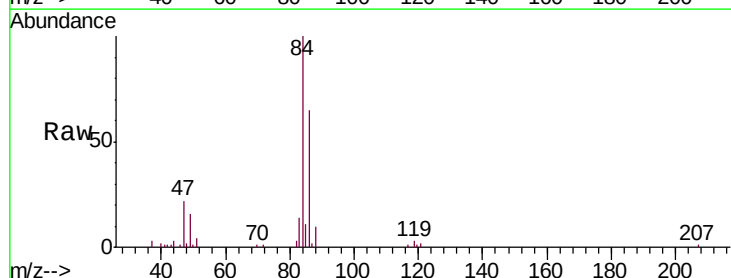
Acq: 07 Sep 2019 17:50

Tgt Ion: 83 Resp: 8251

Ion Ratio Lower Upper

83 100

85 76.1 46.8 86.8



Abundance Ion 83.05 (82.75 to 83.75): VU034120.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU034120.D (-1089) (-)

4.65

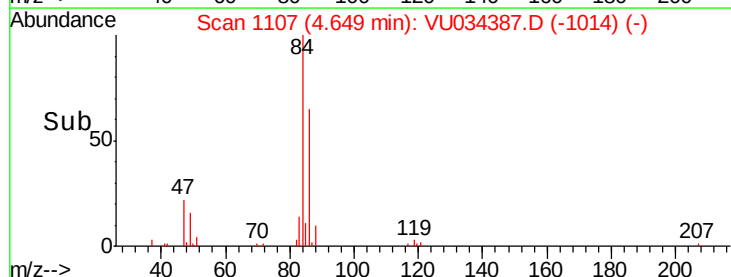
3000

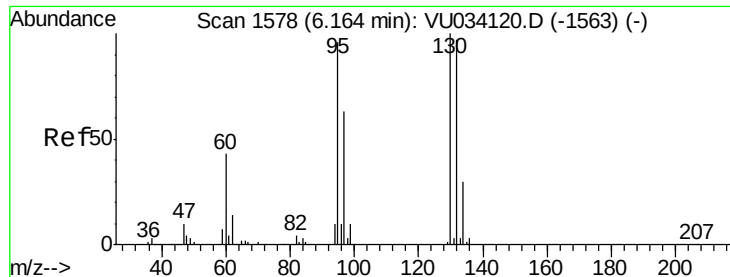
2000

1000

0

Time-->

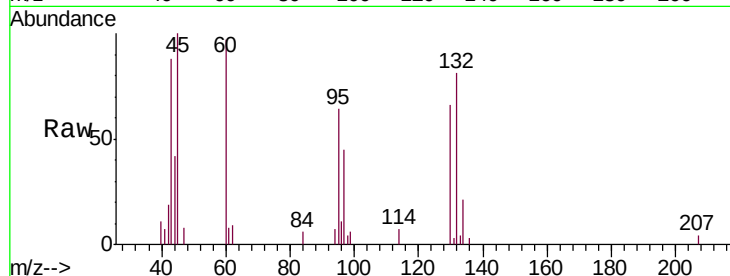




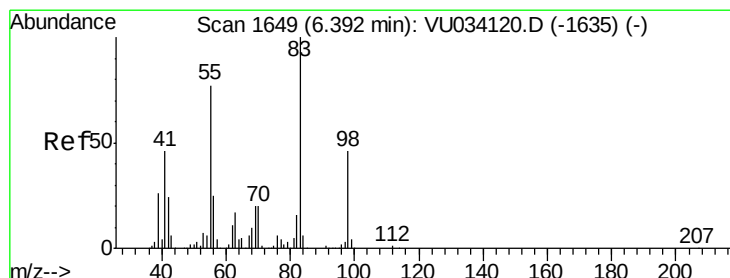
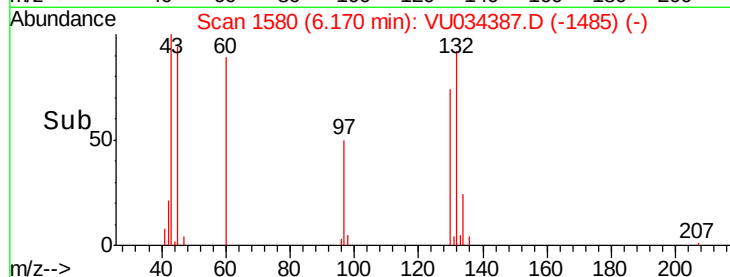
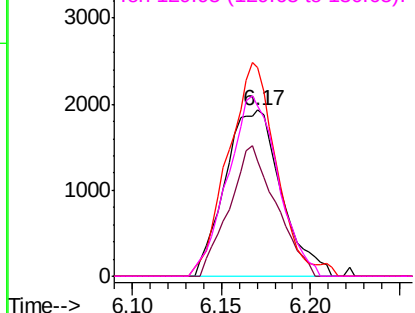
#34
 Trichloroethene
 Concen: 0.184 ug/L
 RT: 6.17 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VU034387.D
 Acq: 07 Sep 2019 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDB3

Tgt Ion: 95 Resp: 4219
 Ion Ratio Lower Upper
 95 100
 97 69.5 43.3 80.5
 132 126.1 68.6 127.4
 130 102.5 70.5 130.9

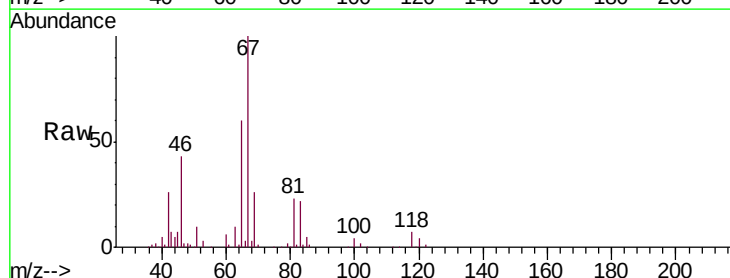


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

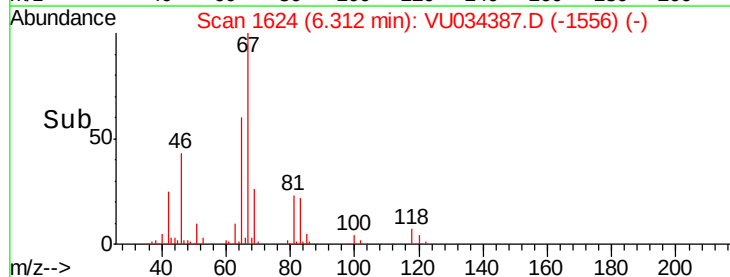
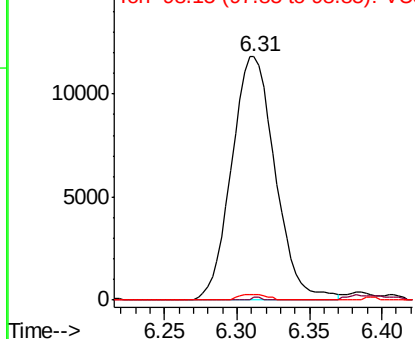


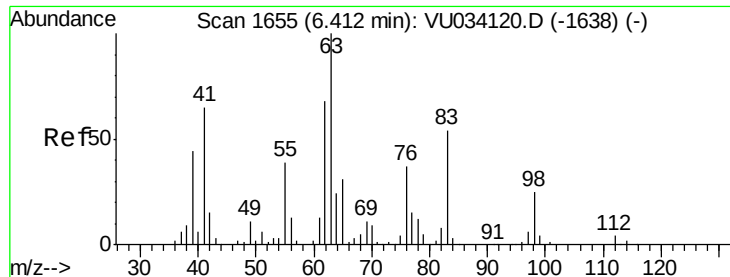
#35
 Methylcyclohexane
 Concen: 0.651 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.08 min
 Lab File: VU034387.D
 Acq: 07 Sep 2019 17:50

Tgt Ion: 83 Resp: 24776
 Ion Ratio Lower Upper
 83 100
 55 0.2 62.6 94.0#
 98 1.5 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

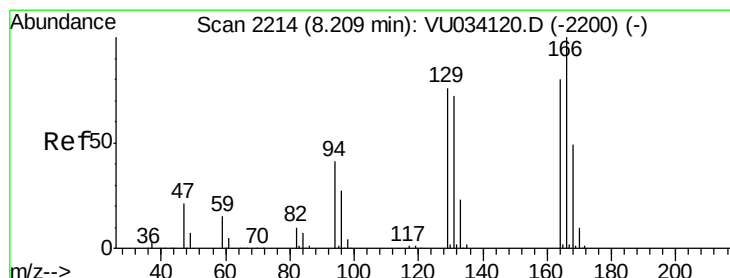
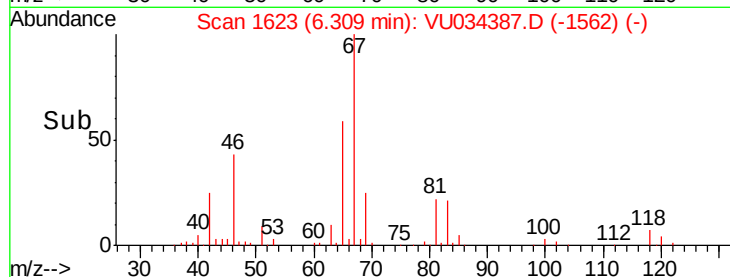
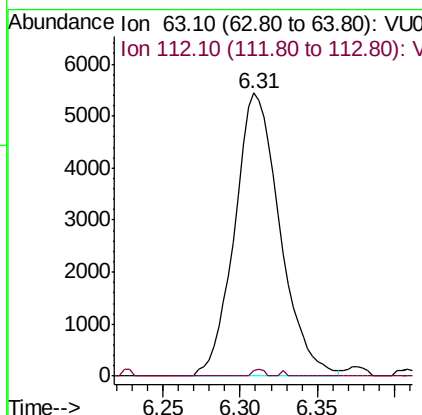
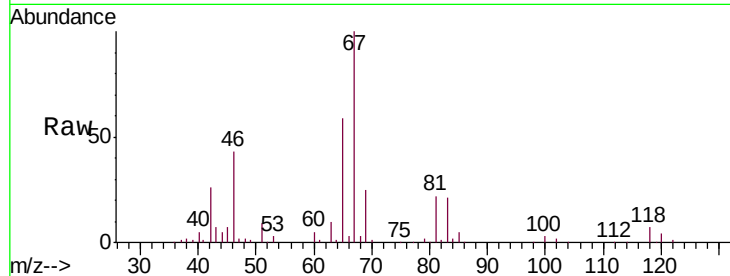




#37
 1,2-Dichloropropane
 Concen: 0.482 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034387.D
 Acq: 07 Sep 2019 17:50

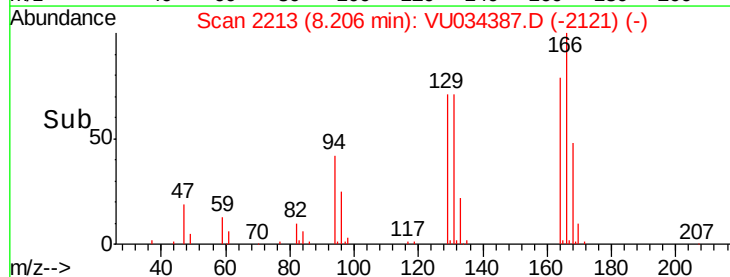
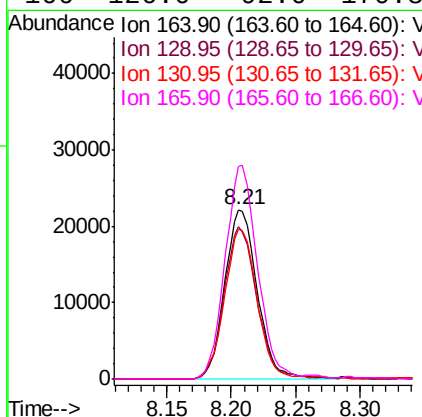
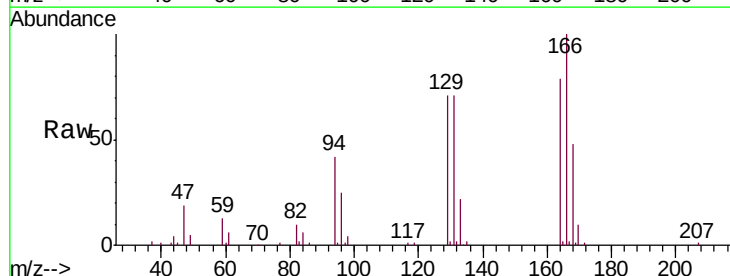
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDB3

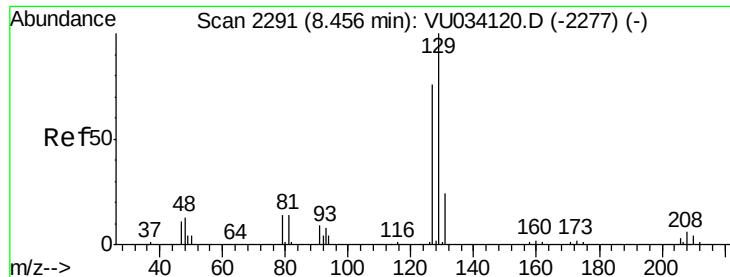
Tgt Ion: 63 Resp: 11072
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 2.061 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034387.D
 Acq: 07 Sep 2019 17:50

Tgt Ion: 164 Resp: 38903
 Ion Ratio Lower Upper
 164 100
 129 89.9 68.0 126.2
 131 89.0 64.6 120.0
 166 126.0 92.0 170.8





#49

Dibromochloromethane

Concen: 2.000 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034387.D

Acq: 07 Sep 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

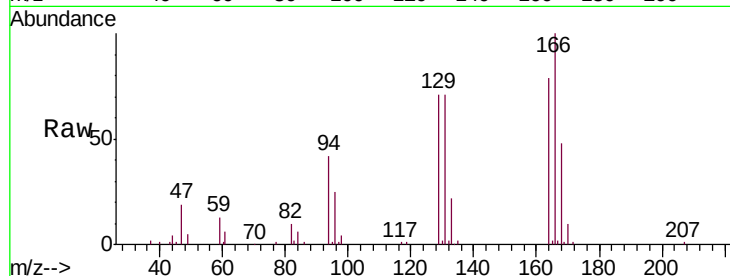
BFDB3

Tgt Ion:129 Resp: 34942

Ion Ratio Lower Upper

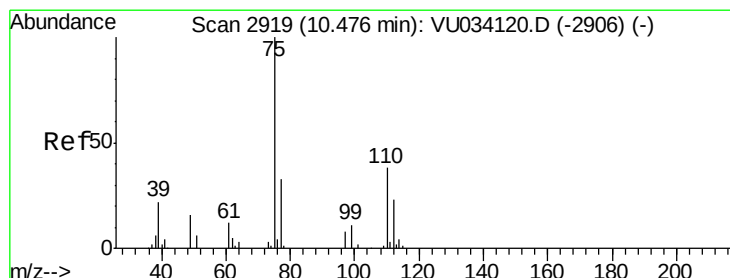
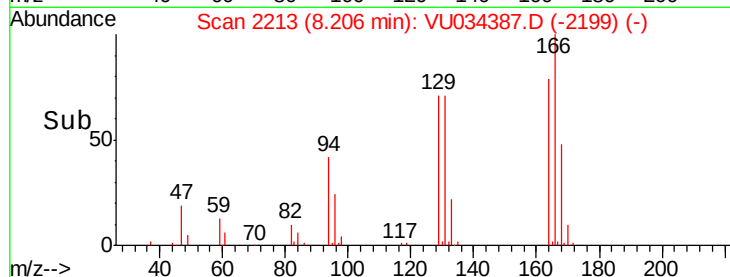
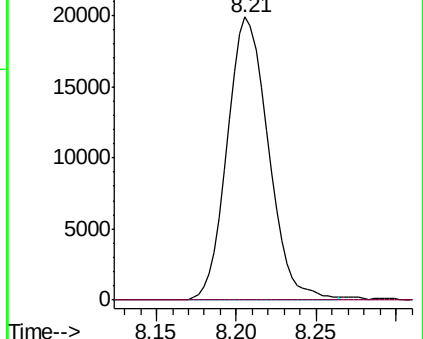
129 100

127 0.0 54.2 100.6#



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: 1.173 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034387.D

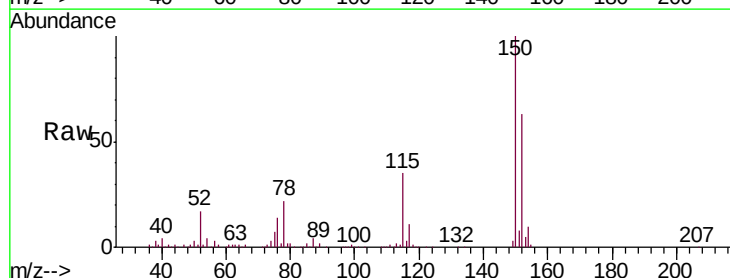
Acq: 07 Sep 2019 17:50

Tgt Ion: 75 Resp: 15417

Ion Ratio Lower Upper

75 100

77 36.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

