

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028206.D
 Acq On : 17 Nov 2018 00:55
 Operator : MD/SY
 Sample : J5960-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 03:50:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 03:46:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	146397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	140536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44431	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.68	69	39748	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.28	63	65529	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.20	46	205406	58.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.60%
24) Chloroform-d	4.65	84	90413	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	53962	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.34	84	174918	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.33	67	69055	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.57	98	143731	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.85	79	19521	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.31	63	147246	50.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53020	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	51935	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

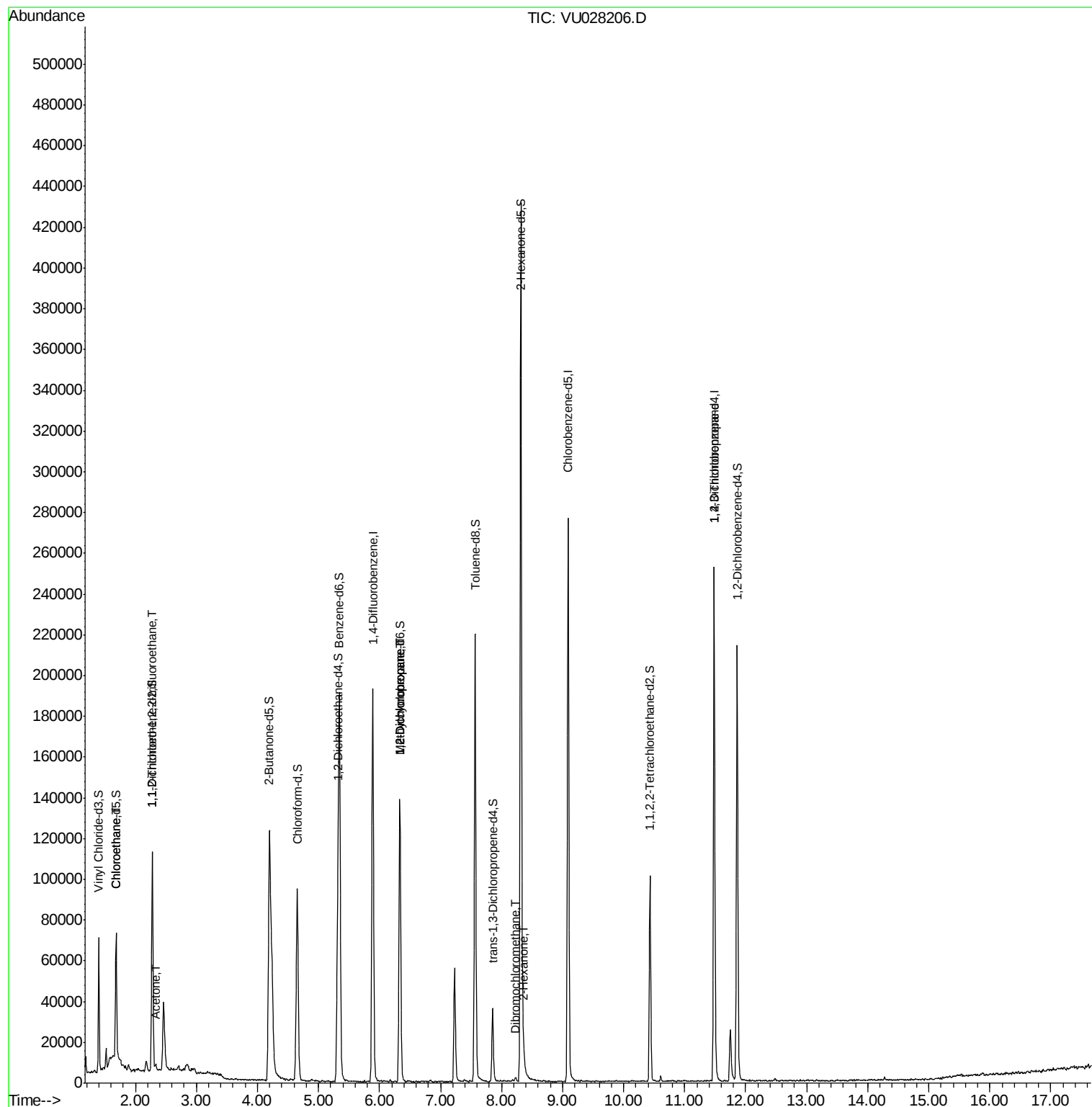
					Ovalue
8) Chloroethane	1.67	64	2729	0.289 ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	536	0.056 ug/L #	20
13) Acetone	2.33	43	1828	0.770 ug/L	91
35) Methylcyclohexane	6.33	83	13399	0.666 ug/L #	15
37) 1,2-Dichloropropane	6.34	63	6955	0.531 ug/L #	92
48) 2-Hexanone	8.37	43	2631	0.410 ug/L #	85
49) Dibromochloromethane	8.24	129	454	0.054 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9633	1.310 ug/L #	88

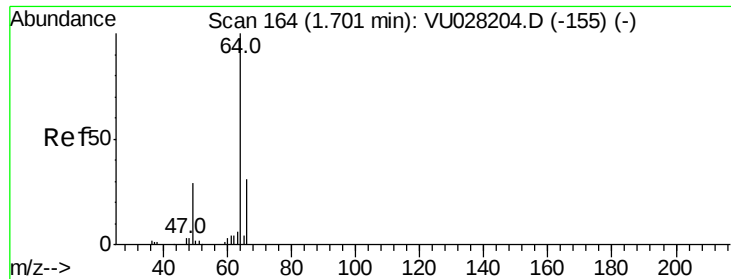
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.289 ug/L

RT: 1.67 min Scan# 156

Delta R.T. -0.03 min

Lab File: VU028206.D

Acq: 17 Nov 2018 00:55

Instrument :

MSVOA_U

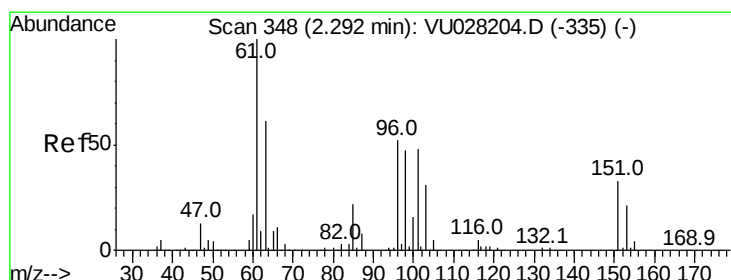
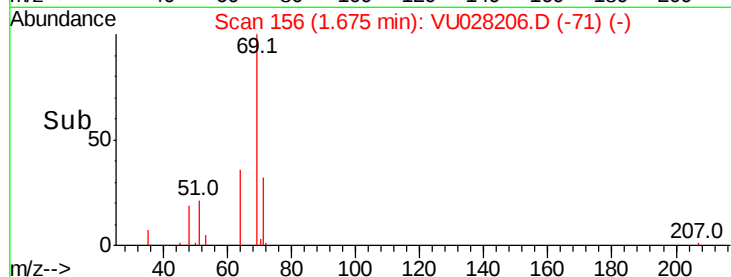
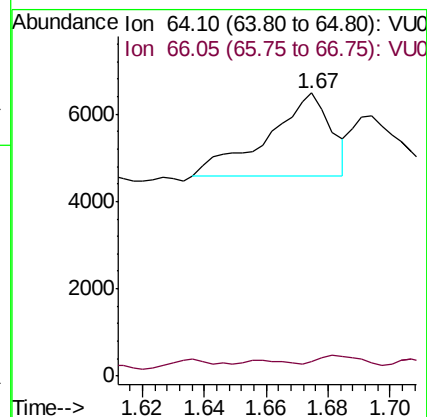
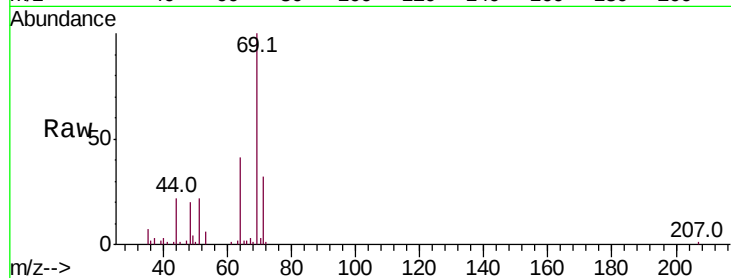
ClientSampleId :

Tot Ion: 64 Resp: 2729

Ion Ratio Lower Upper

64 100

66 5.0 23.1 42.9#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.056 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028206.D

Acq: 17 Nov 2018 00:55

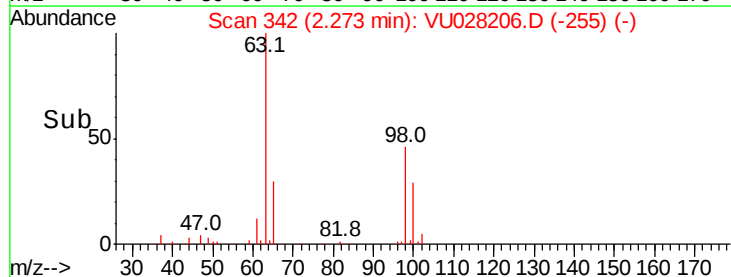
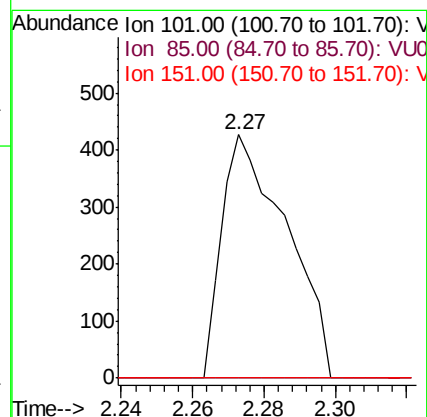
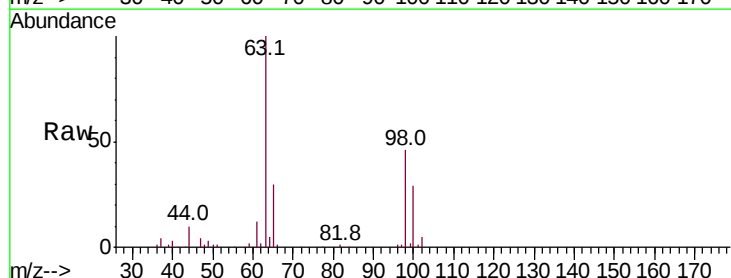
Tgt Ion: 101 Resp: 536

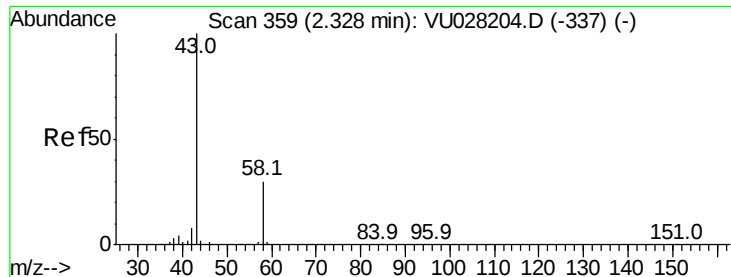
Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

151 0.0 58.2 87.2#





#13

Acetone

Concen: 0.770 ug/L

RT: 2.33 min Scan# 360

Delta R.T. 0.00 min

Lab File: VU028206.D

Acq: 17 Nov 2018 00:55

Instrument :

MSVOA_U

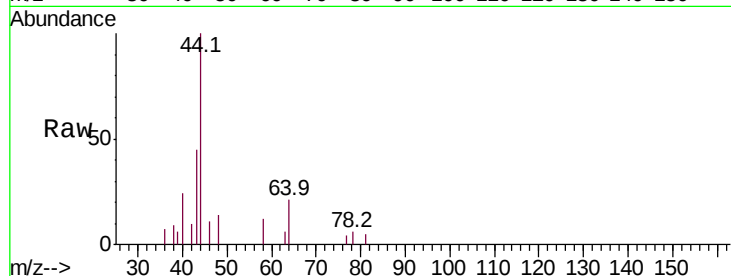
ClientSampleId :

Tot Ion: 43 Resp: 1828

Ion Ratio Lower Upper

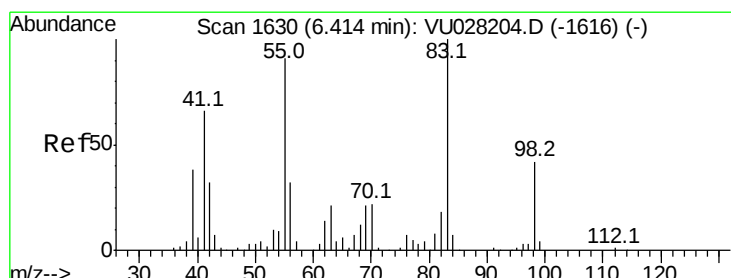
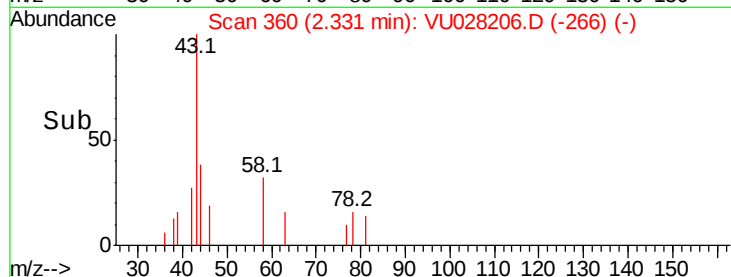
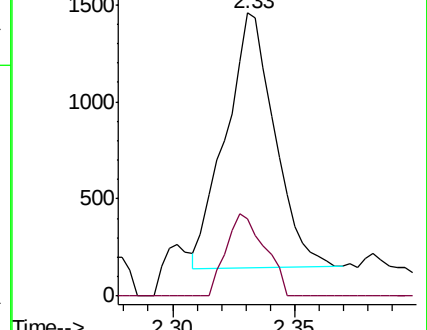
43 100

58 25.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU028204.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VU028204.D (-337) (-)



#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028206.D

Acq: 17 Nov 2018 00:55

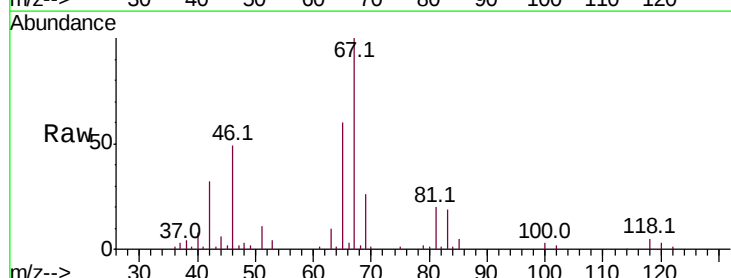
Tgt Ion: 83 Resp: 13399

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

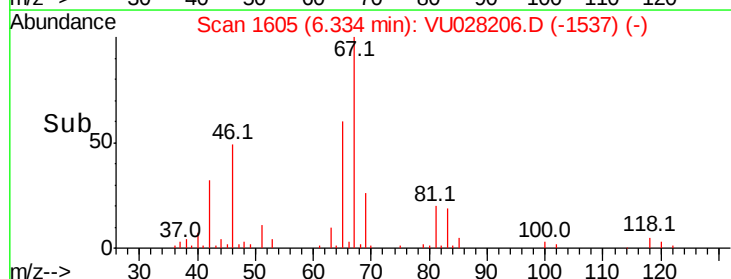
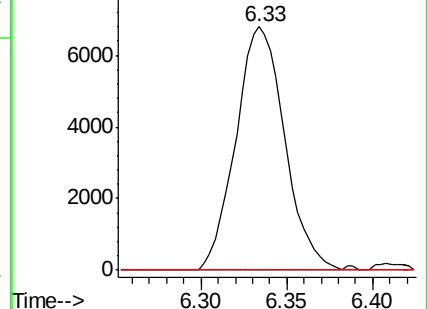
98 0.0 33.3 49.9#

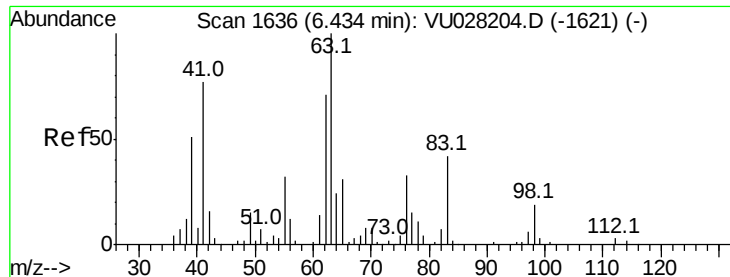


Abundance Ion 83.15 (82.85 to 83.85): VU028204.D (-1616) (-)

Ion 55.10 (54.80 to 55.80): VU028204.D (-1616) (-)

Ion 98.15 (97.85 to 98.85): VU028204.D (-1616) (-)





#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.10 min

Lab File: VU028206.D

Acq: 17 Nov 2018 00:55

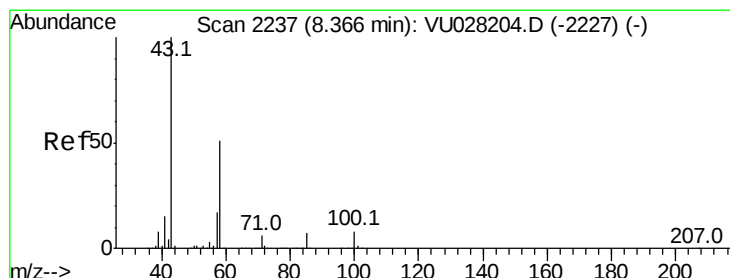
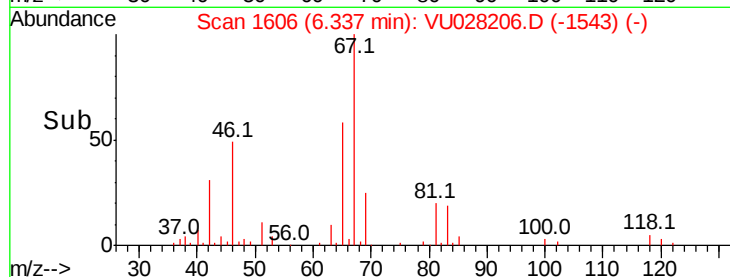
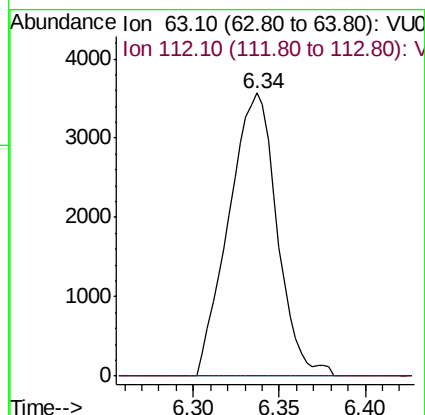
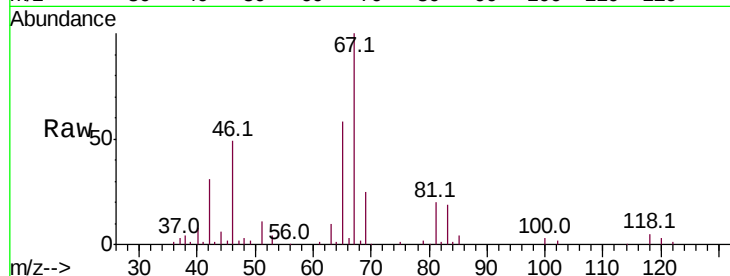
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 6955

Ion Ratio Lower Upper

63 100

112 0.0 2.2 3.4#



#48

2-Hexanone

Concen: 0.410 ug/L

RT: 8.37 min Scan# 2239

Delta R.T. 0.01 min

Lab File: VU028206.D

Acq: 17 Nov 2018 00:55

Tgt Ion: 43 Resp: 2631

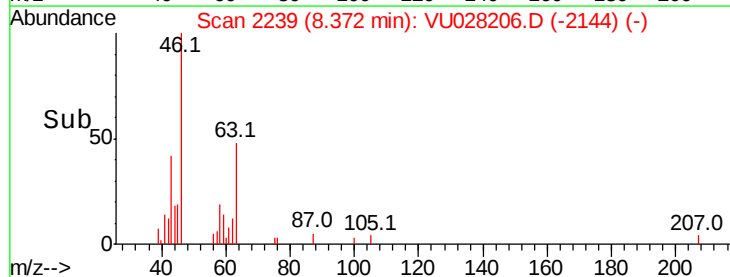
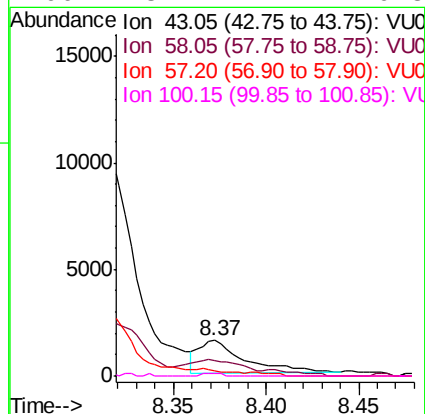
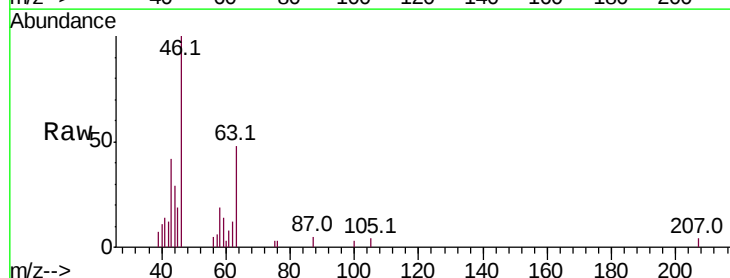
Ion Ratio Lower Upper

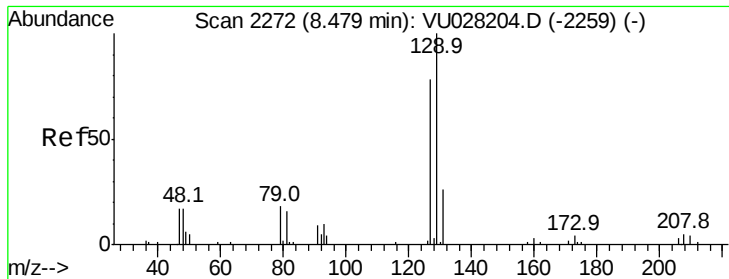
43 100

58 60.5 41.7 62.5

57 7.0 14.0 21.0#

100 3.7 7.2 10.8#





#49

Dibromochloromethane

Concen: 0.054 ug/L

RT: 8.24 min Scan# 2197

Delta R.T. -0.24 min

Lab File: VU028206.D

Acq: 17 Nov 2018 00:55

Instrument :

MSVOA_U

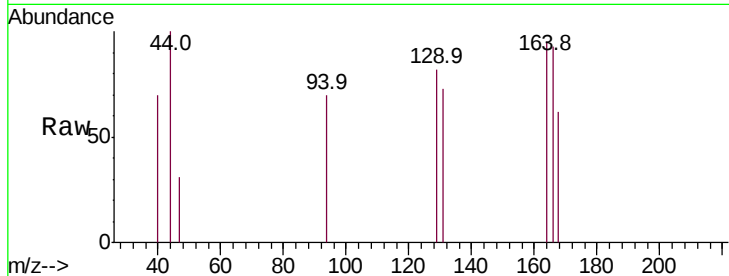
ClientSampleId :

Tot Ion:129 Resp: 454

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.24

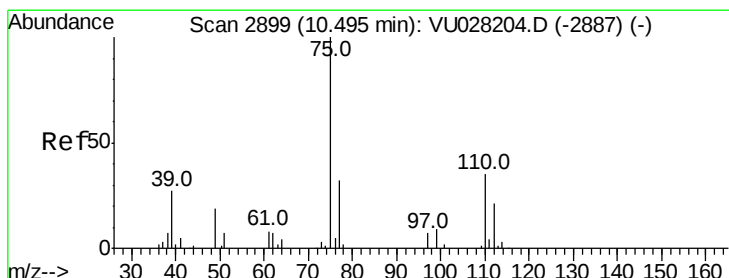
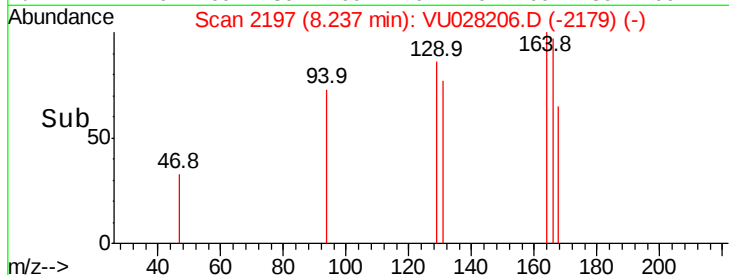
300

200

100

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.310 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028206.D

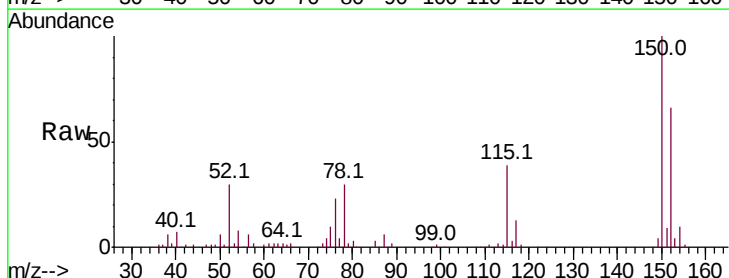
Acq: 17 Nov 2018 00:55

Tgt Ion: 75 Resp: 9633

Ion Ratio Lower Upper

75 100

77 38.5 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

6000

4000

2000

0

Time-->

