

Data File : VU035097.D
Acq On : 11 Oct 2019 18:20
Operator : JC/SP
Sample : K5309-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191004-01

Quant Time: Oct 12 02:45:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	155737	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	162985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	70166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53707	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.67	69	48158	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.26	63	76040	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.20	46	139704	51.53	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.62	84	87365	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.29	65	53516	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.32	84	183094	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.31	67	65032	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.55	98	161996	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.84	79	19253	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.30	63	106671	48.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53709	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	60066	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

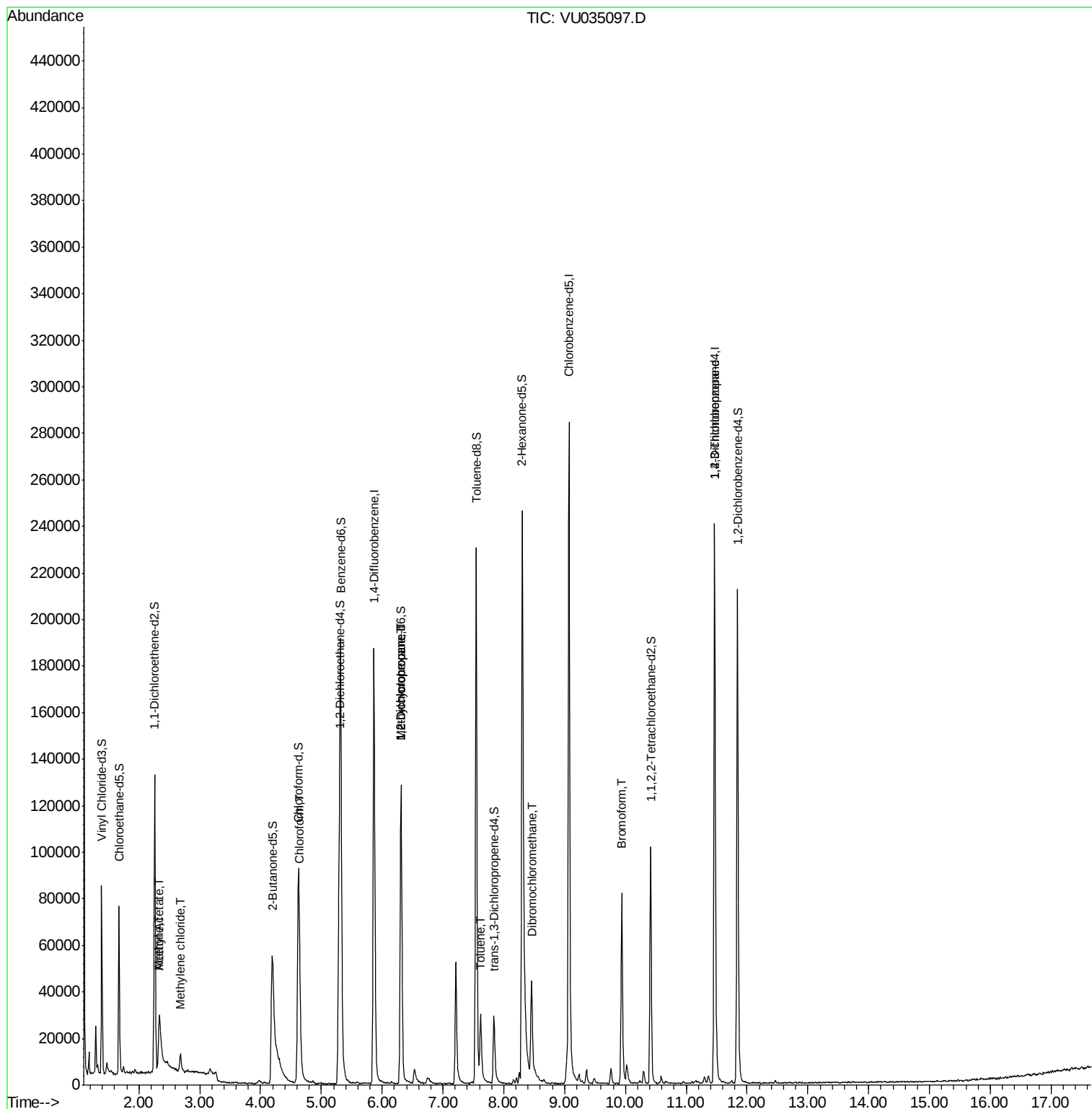
					Qvalue
13) Acetone	2.34	43	52265	23.539 ug/L	95
15) Methyl Acetate	2.34	43	34240	5.793 ug/L #	53
16) Methylene chloride	2.68	84	2860	0.231 ug/L	84
25) Chloroform	4.65	83	11384	0.476 ug/L	98
35) Methylcyclohexane	6.31	83	14293	0.697 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7003	0.529 ug/L #	88
42) Toluene	7.62	91	21305	0.416 ug/L	97
49) Dibromochloromethane	8.46	129	8989	0.884 ug/L	90
59) 1,2,3-Trichloropropane	11.47	75	9487	1.107 ug/L	91
61) Bromoform	9.94	173	38723	8.046 ug/L	98

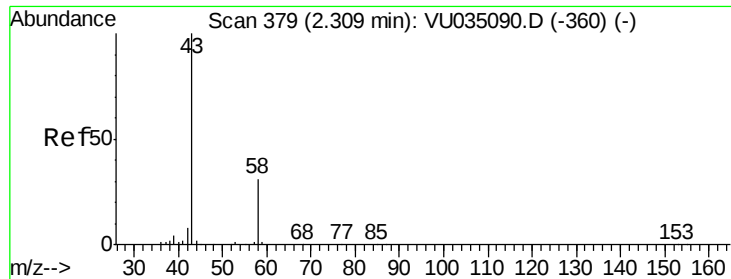
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.539 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.03 min

Lab File: VU035097.D

Acq: 11 Oct 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

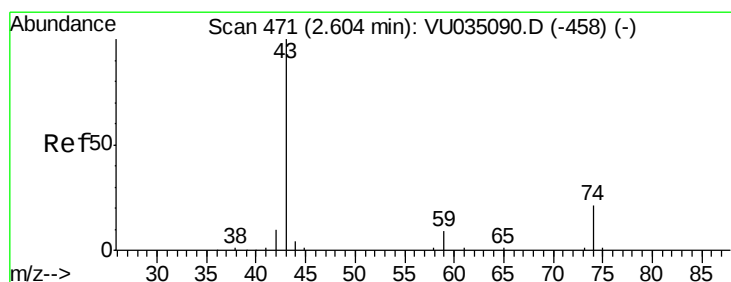
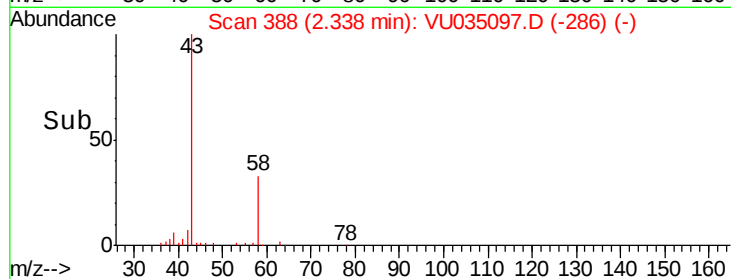
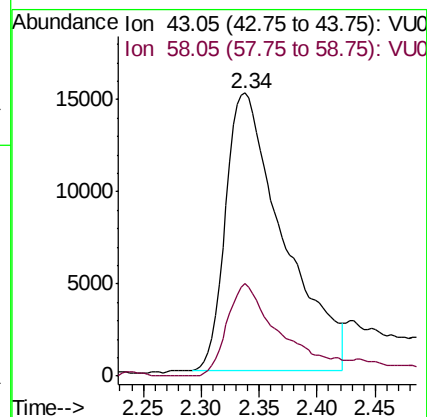
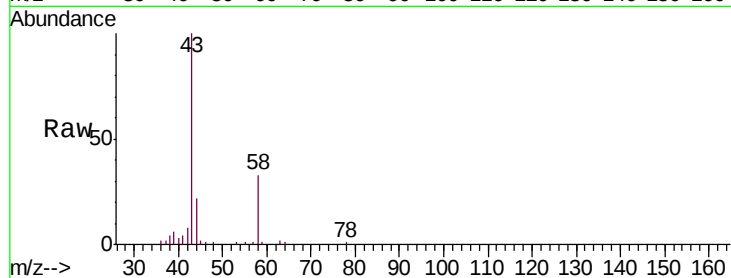
RB-2-191004-01

Tgt Ion: 43 Resp: 52265

Ion Ratio Lower Upper

43 100

58 30.2 0.0 66.6



#15

Methyl Acetate

Concen: 5.793 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.27 min

Lab File: VU035097.D

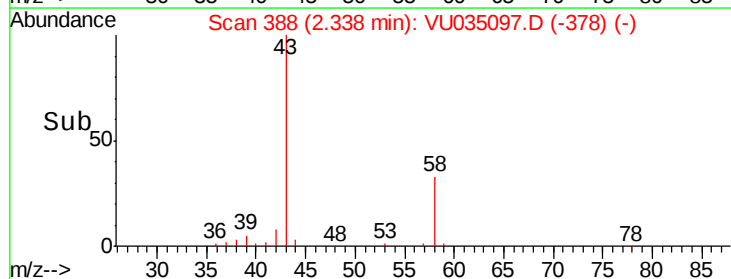
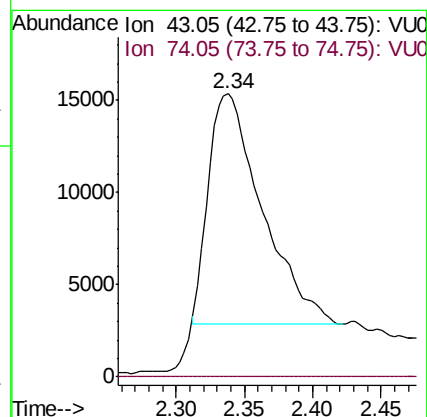
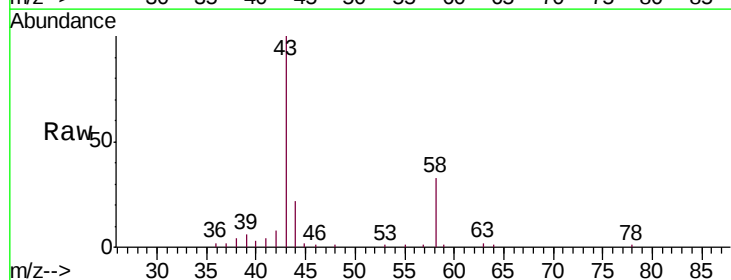
Acq: 11 Oct 2019 18:20

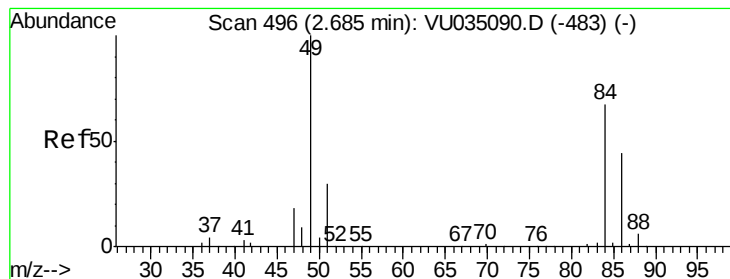
Tgt Ion: 43 Resp: 34240

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#16

Methylene chloride

Concen: 0.231 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU035097.D

Acq: 11 Oct 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

RB-2-191004-01

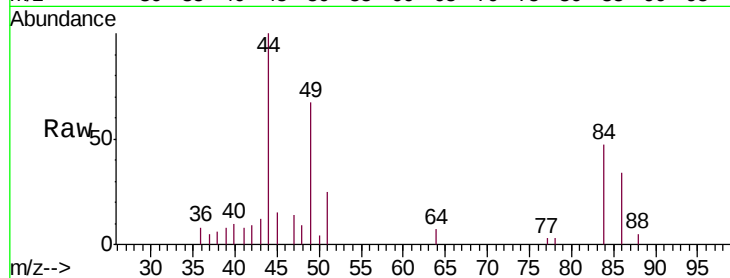
Tgt Ion: 84 Resp: 2860

Ion Ratio Lower Upper

84 100

86 72.2 42.5 78.9

49 142.6 86.9 161.3

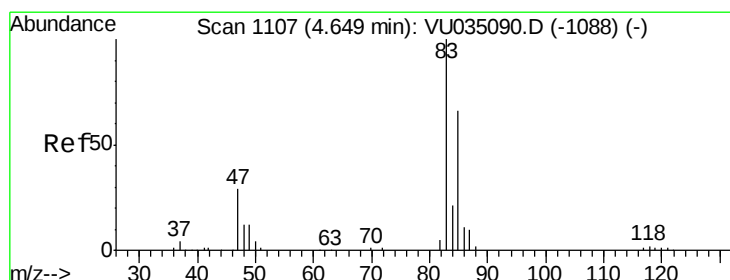
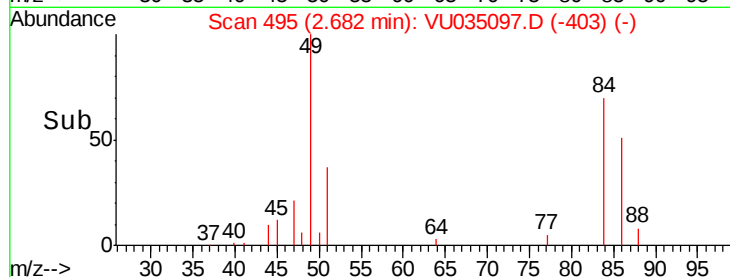


Abundance Ion 84.05 (83.75 to 84.75): VU035097.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035097.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035097.D (-403) (-)

Time-->



#25

Chloroform

Concen: 0.476 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU035097.D

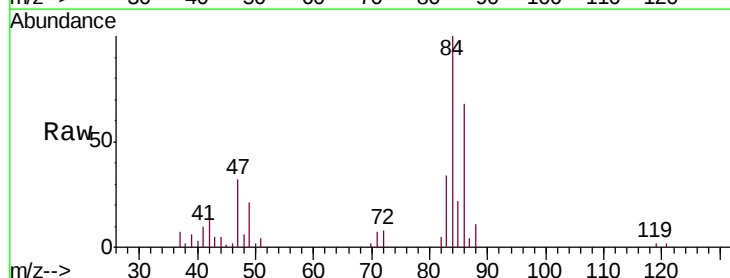
Acq: 11 Oct 2019 18:20

Tgt Ion: 83 Resp: 11384

Ion Ratio Lower Upper

83 100

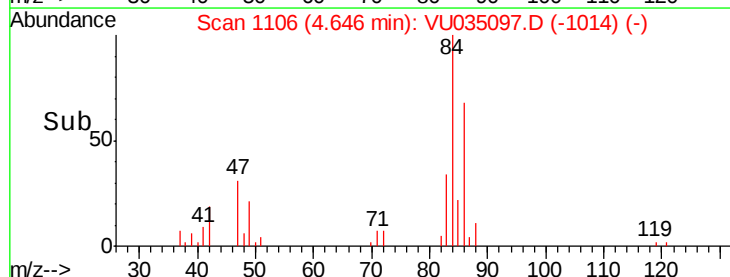
85 66.6 45.4 84.4

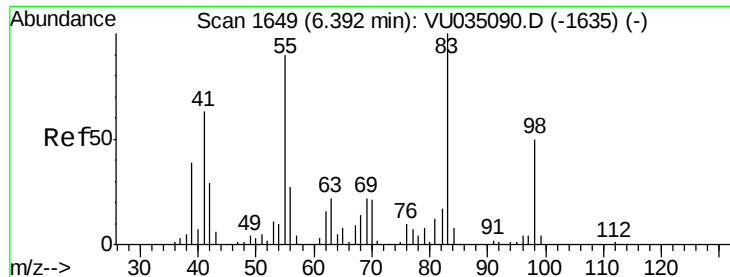


Abundance Ion 83.05 (82.75 to 83.75): VU035097.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VU035097.D (-1014) (-)

Time-->

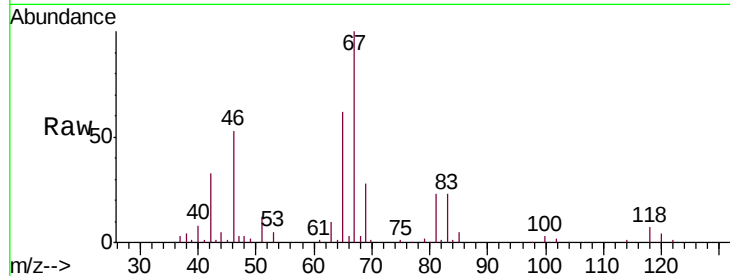




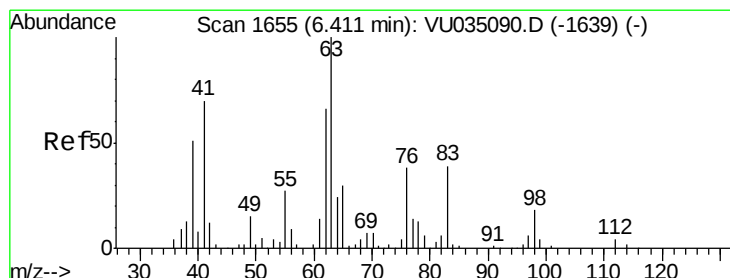
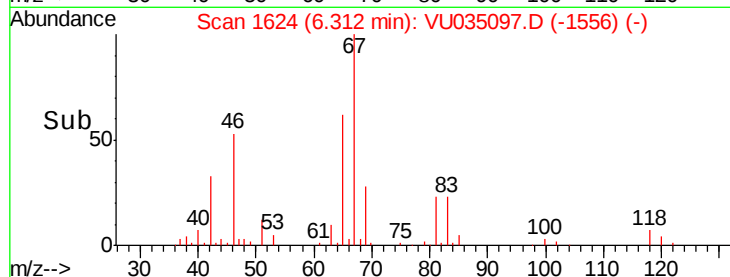
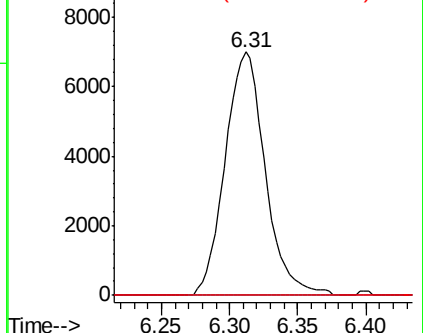
#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035097.D
Acq: 11 Oct 2019 18:20

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191004-01

Tgt Ion: 83 Resp: 14293
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.3 36.2 54.2#

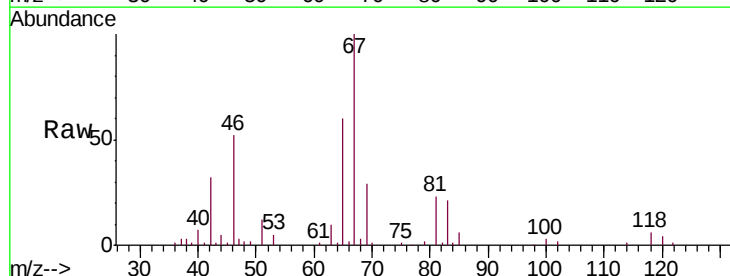


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

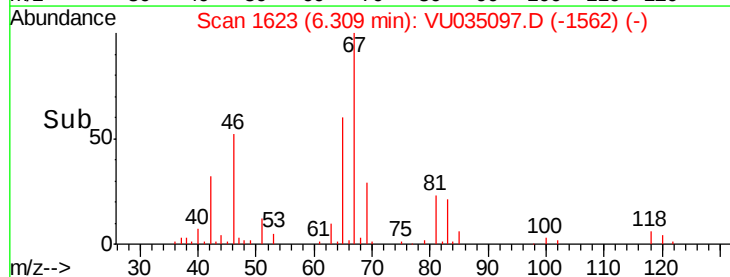
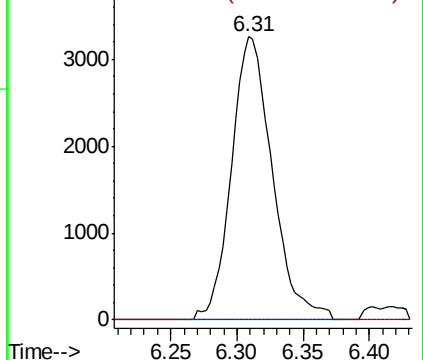


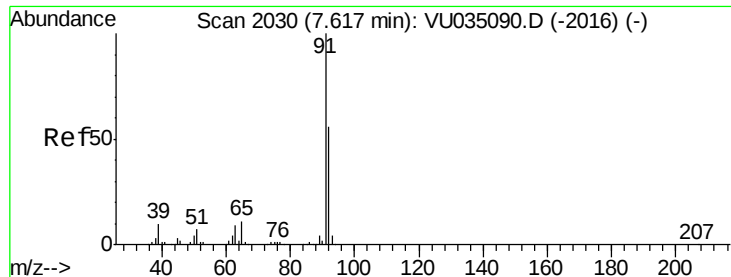
#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035097.D
Acq: 11 Oct 2019 18:20

Tgt Ion: 63 Resp: 7003
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





#42

Toluene

Concen: 0.416 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU035097.D

Acq: 11 Oct 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

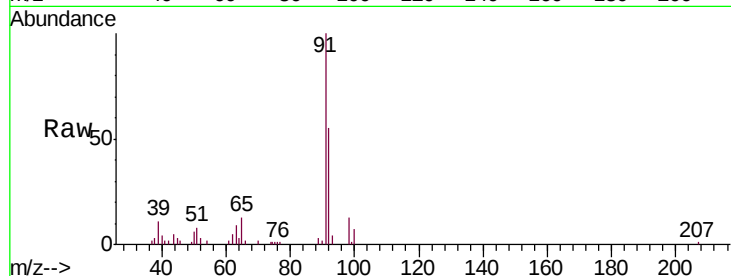
RB-2-191004-01

Tgt Ion: 91 Resp: 21305

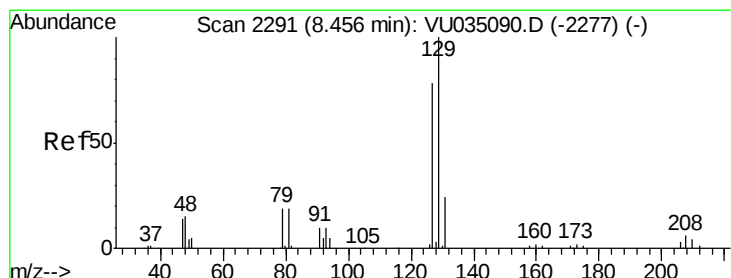
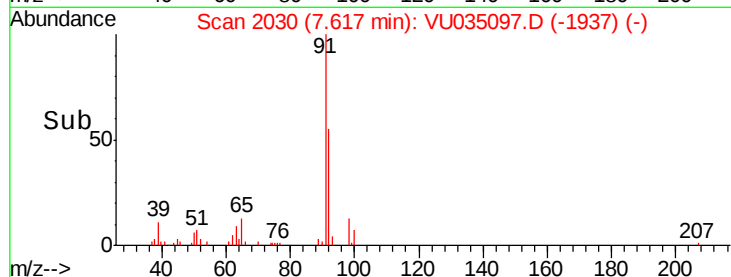
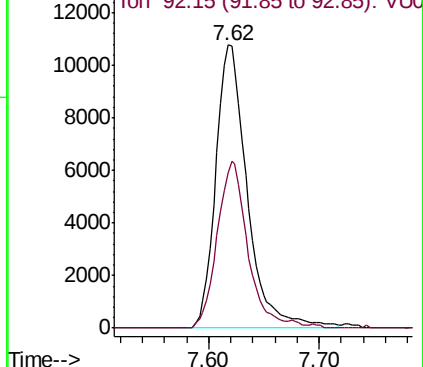
Ion Ratio Lower Upper

91 100

92 55.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035097.D (-2198) (-)



#49

Dibromochloromethane

Concen: 0.884 ug/L

RT: 8.46 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU035097.D

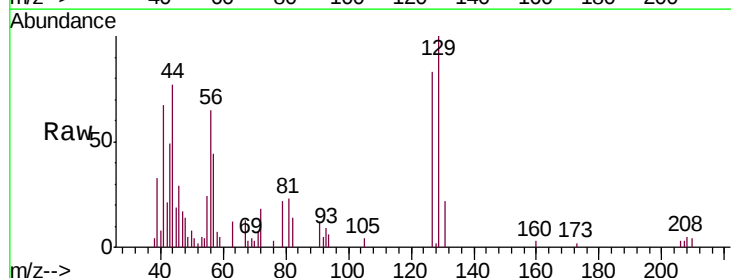
Acq: 11 Oct 2019 18:20

Tgt Ion: 129 Resp: 8989

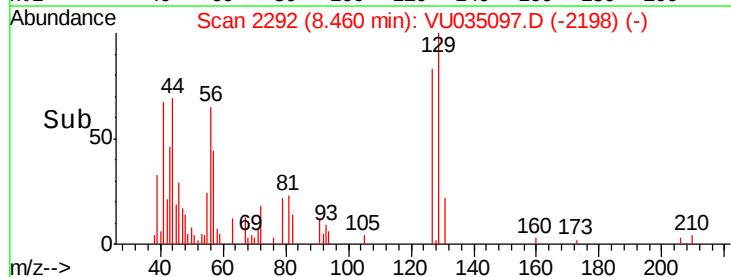
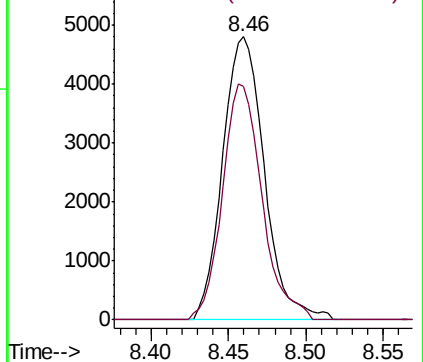
Ion Ratio Lower Upper

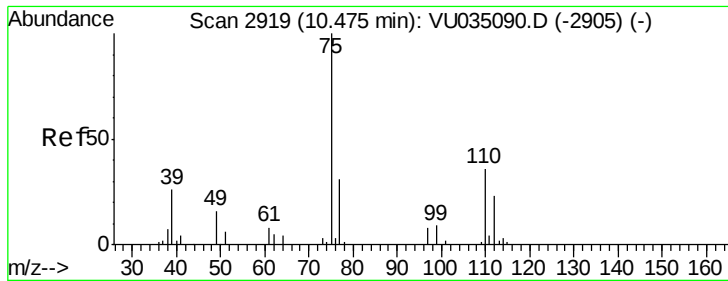
129 100

127 82.5 51.9 96.5



Abundance Ion 128.95 (128.65 to 129.65): VU035097.D (-2198) (-)

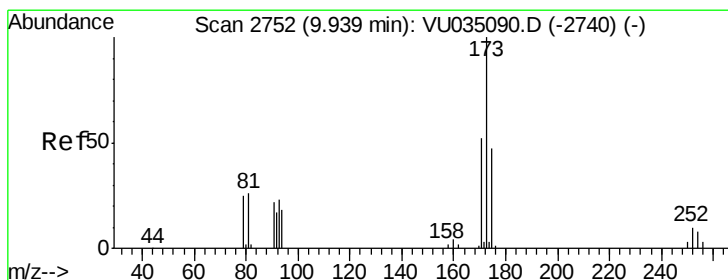
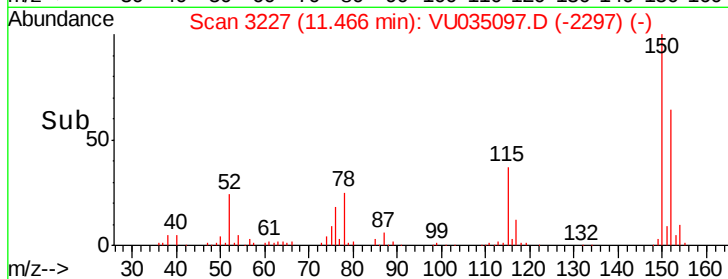
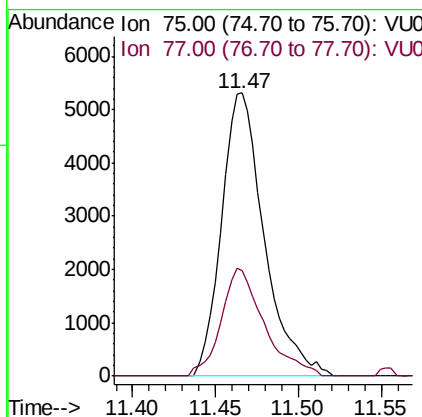
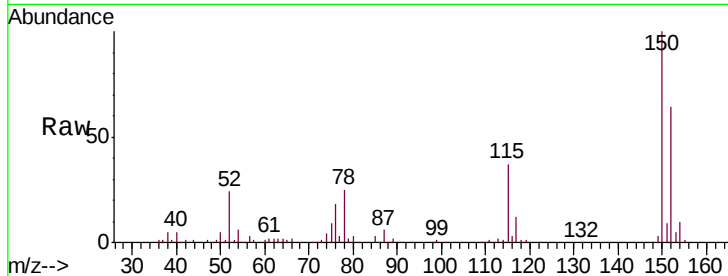




#59
 1,2,3-Trichloropropane
 Concen: 1.107 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035097.D
 Acq: 11 Oct 2019 18:20

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191004-01

Tgt Ion: 75 Resp: 9487
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.5 39.7



#61
 Bromoform
 Concen: 8.046 ug/L
 RT: 9.94 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: VU035097.D
 Acq: 11 Oct 2019 18:20

Tgt Ion: 173 Resp: 38723
 Ion Ratio Lower Upper
 173 100
 175 47.8 37.2 55.8
 254 8.6 6.6 9.8

