

Data File : VU032167.D
Acq On : 20 May 2019 20:19
Operator : JC/SP
Sample : K2889-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COBMO

Quant Time: May 21 08:34:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	353911	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98916	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.68	69	91648	3.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.00%
11) 1,1-Dichloroethene-d2	2.27	63	142817	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.19	46	235796	40.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.58%
24) Chloroform-d	4.64	84	211002	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.31	65	104687	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
32) Benzene-d6	5.33	84	400134	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
36) 1,2-Dichloropropane-d6	6.33	67	122285	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.60%
41) Toluene-d8	7.56	98	326383	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.20%#
43) trans-1,3-Dichloropropene-	7.85	79	43352	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.31	63	212161	39.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110828	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	135563	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

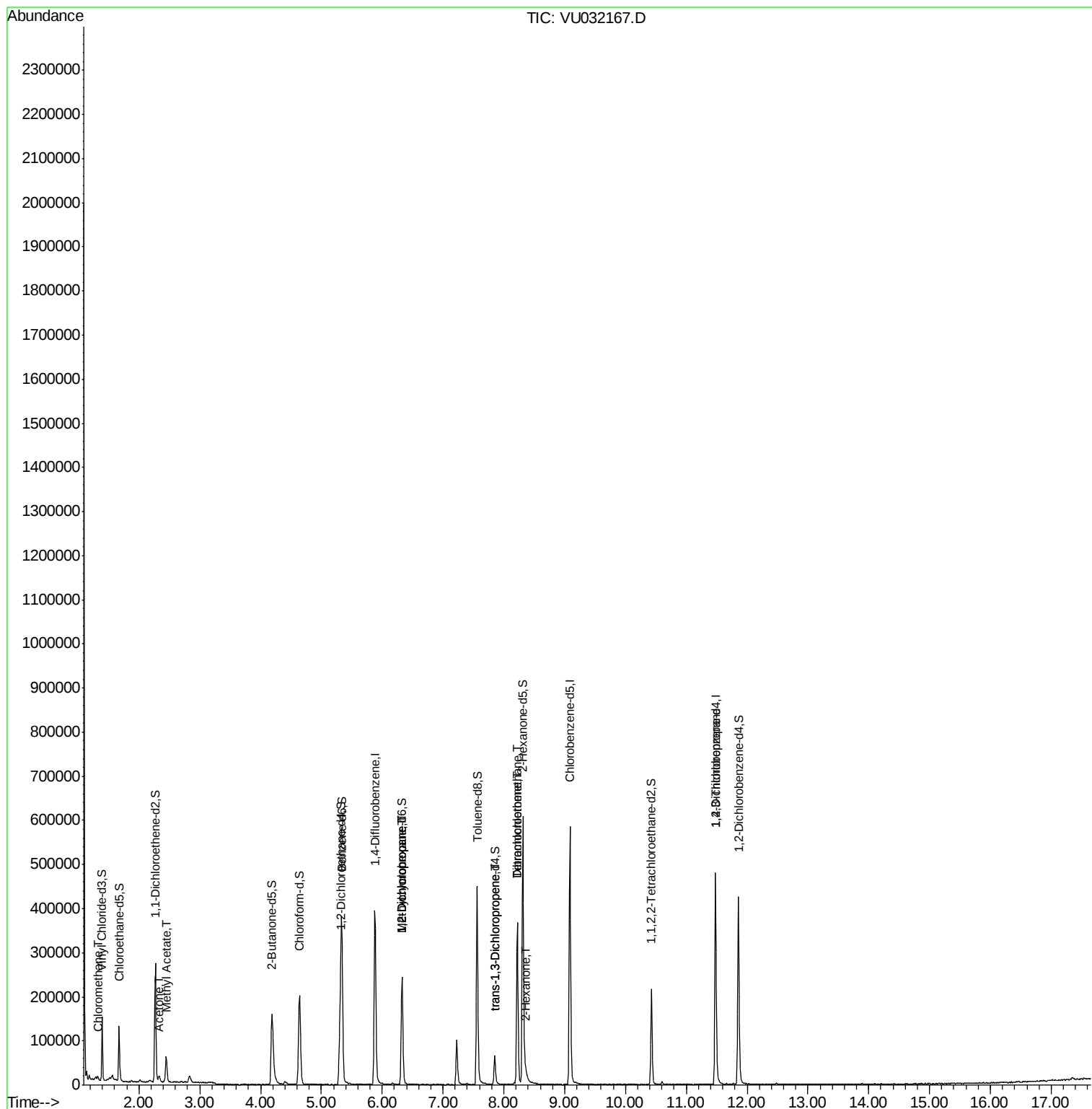
					Qvalue
3) Chloromethane	1.32	50	4761	0.280	ug/L 95
13) Acetone	2.32	43	7048	3.668	ug/L 92
15) Methyl Acetate	2.45	43	13732	2.492	ug/L # 42
35) Methylcyclohexane	6.33	83	30058	1.364	ug/L # 20
37) 1,2-Dichloropropane	6.33	63	12654	0.918	ug/L # 88
44) trans-1,3-Dichloropropene	7.85	75	1561	0.105	ug/L # 28
47) Tetrachloroethene	8.22	164	89500	7.825	ug/L 95
48) 2-Hexanone	8.37	43	7812	1.575	ug/L # 89
49) Dibromochloromethane	8.22	129	82478	7.025	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	14049	1.604	ug/L # 80

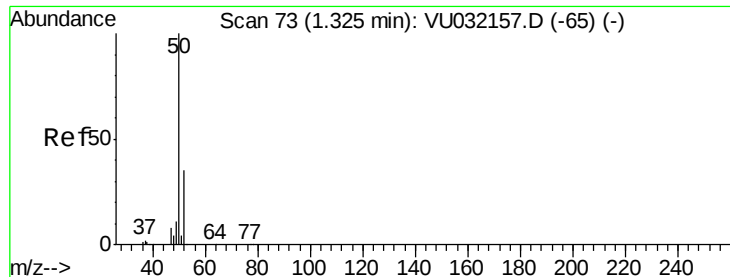
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.280 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032167.D

Acq: 20 May 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

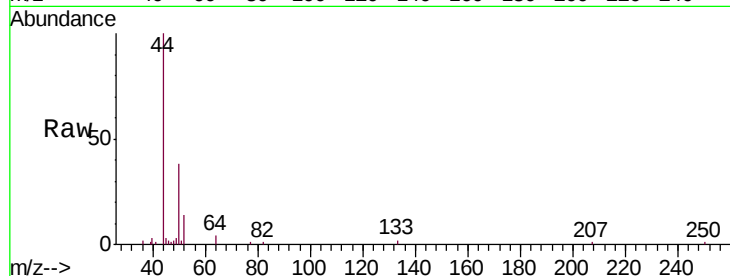
COBMO

Tgt Ion: 50 Resp: 4761

Ion Ratio Lower Upper

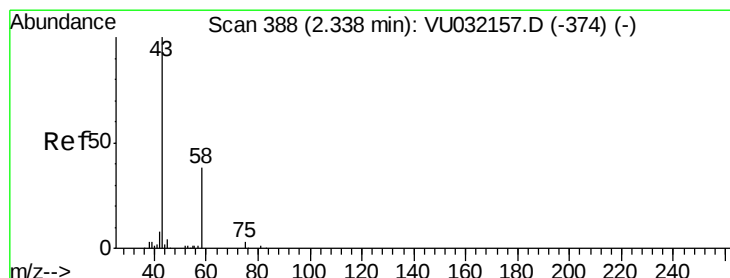
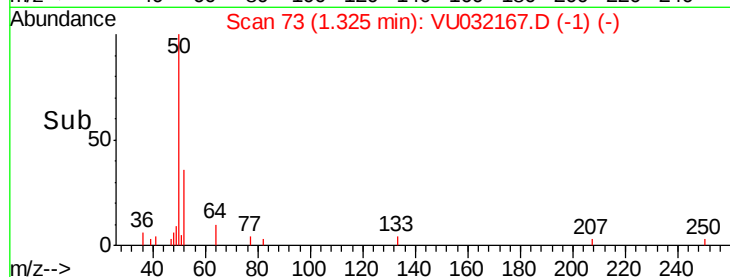
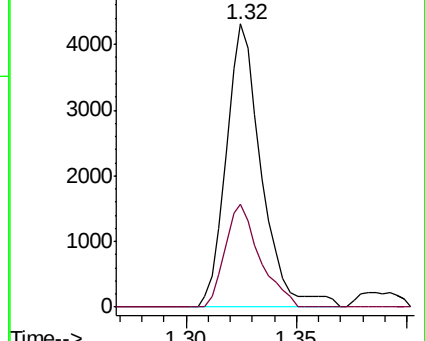
50 100

52 36.2 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032157.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032157.D (-65) (-)



#13

Acetone

Concen: 3.668 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032167.D

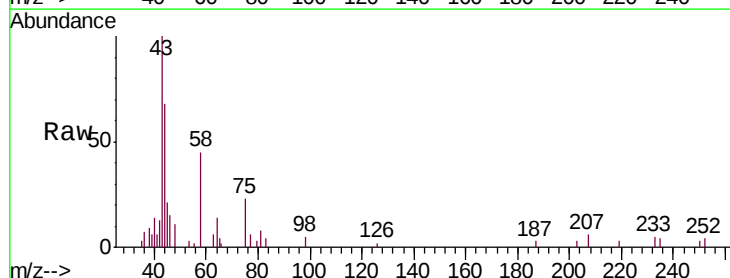
Acq: 20 May 2019 20:19

Tgt Ion: 43 Resp: 7048

Ion Ratio Lower Upper

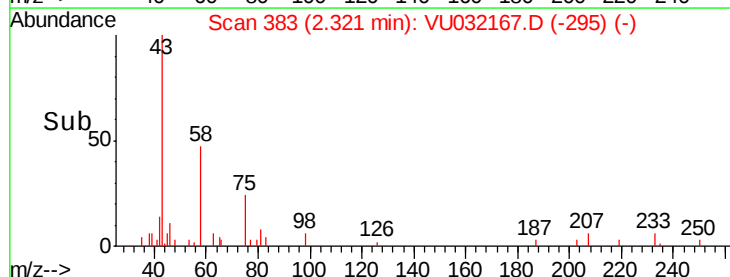
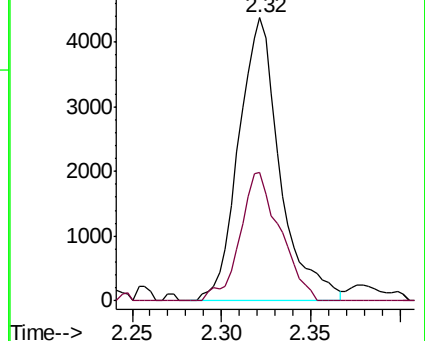
43 100

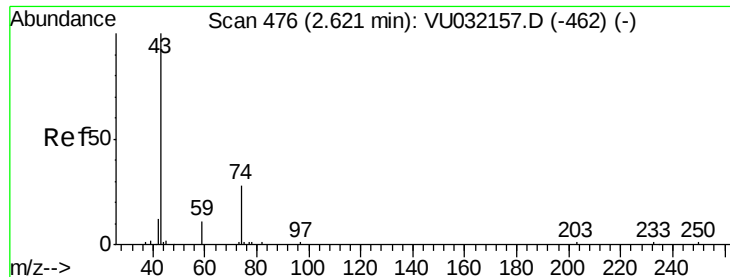
58 44.2 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032157.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032157.D (-374) (-)

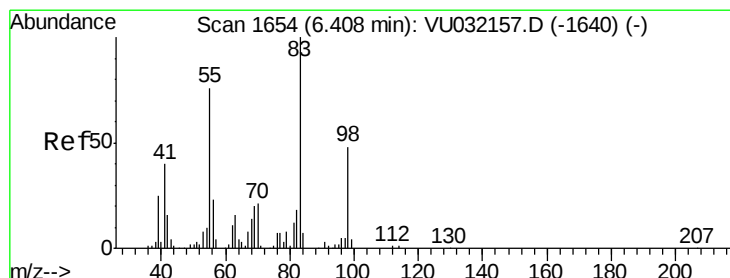
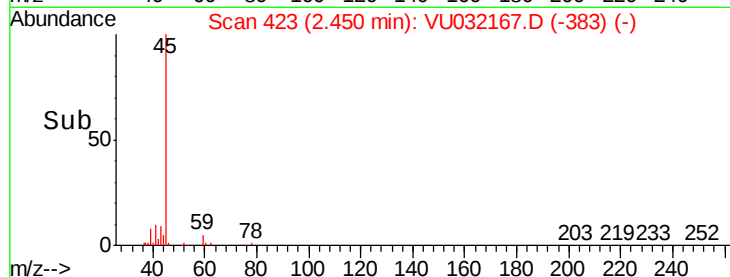
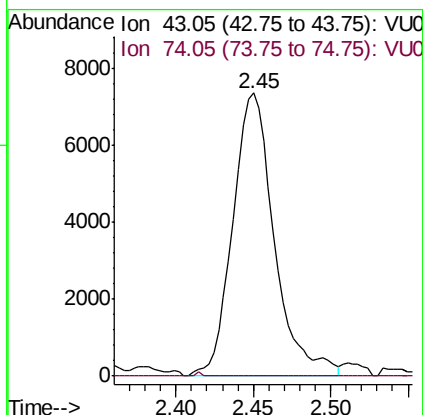
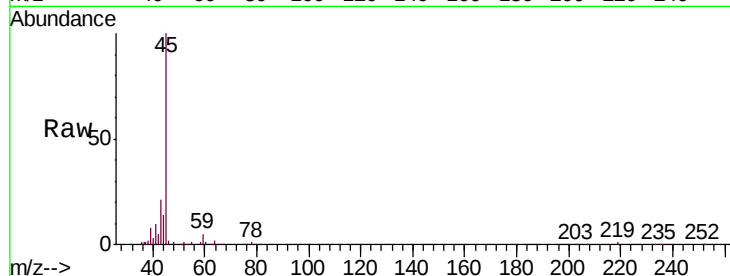




#15
Methyl Acetate
Concen: 2.492 ug/L
RT: 2.45 min Scan# 423
Delta R.T. -0.17 min
Lab File: VU032167.D
Acq: 20 May 2019 20:19

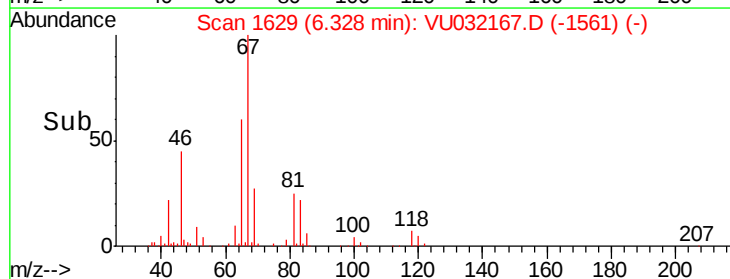
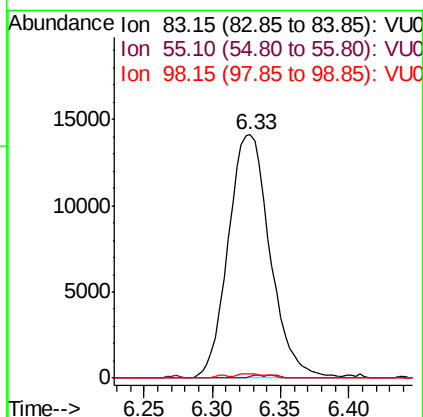
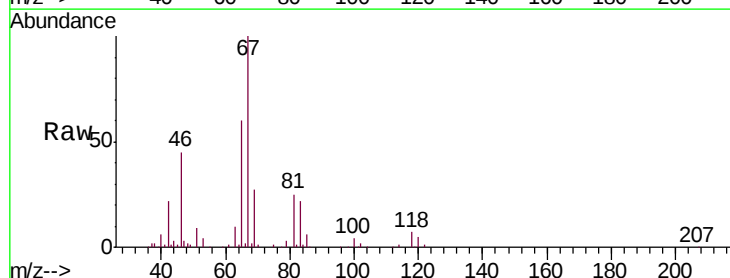
Instrument :
MSVOA_U
ClientSampleId :
COBM0

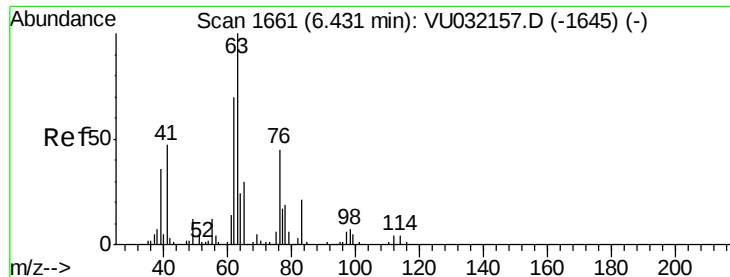
Tgt Ion: 43 Resp: 13732
Ion Ratio Lower Upper
43 100
74 0.1 26.4 39.6#



#35
Methylcyclohexane
Concen: 1.364 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032167.D
Acq: 20 May 2019 20:19

Tgt Ion: 83 Resp: 30058
Ion Ratio Lower Upper
83 100
55 0.4 59.7 89.5#
98 1.4 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 0.918 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032167.D

Acq: 20 May 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

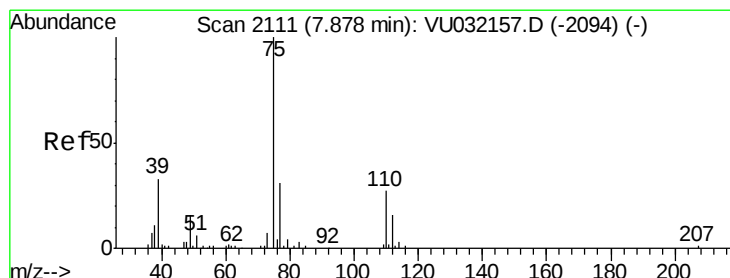
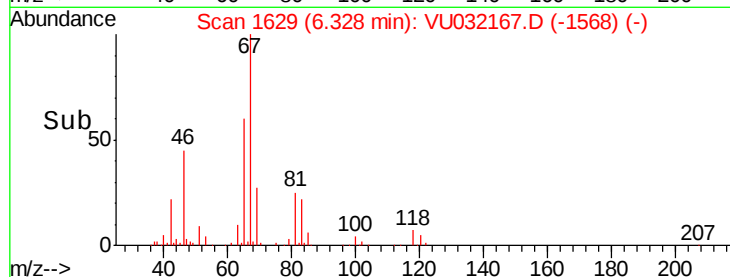
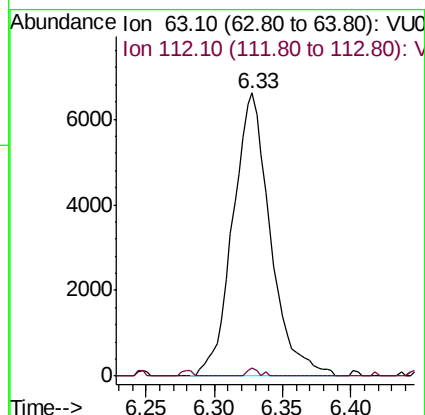
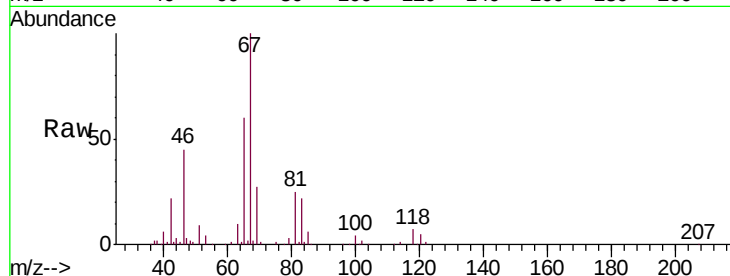
COBMO

Tgt Ion: 63 Resp: 12654

Ion Ratio Lower Upper

63 100

112 0.8 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032167.D

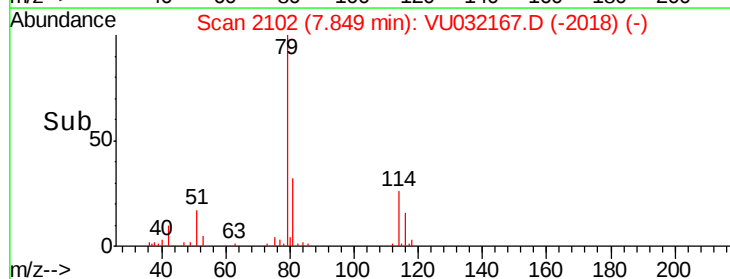
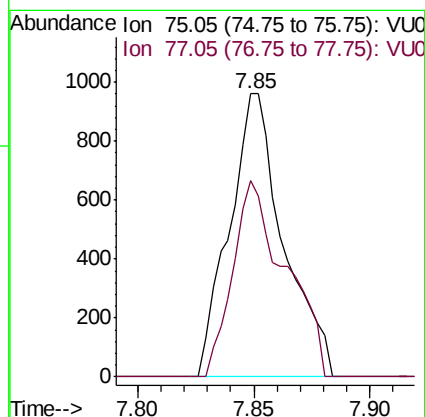
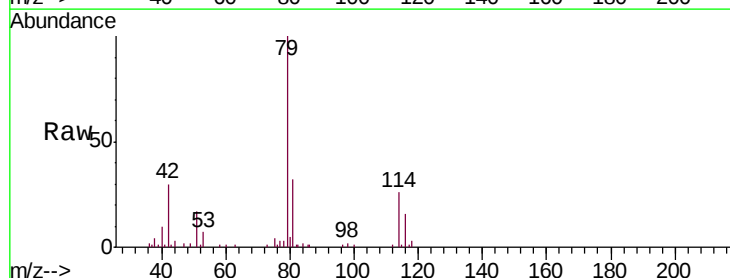
Acq: 20 May 2019 20:19

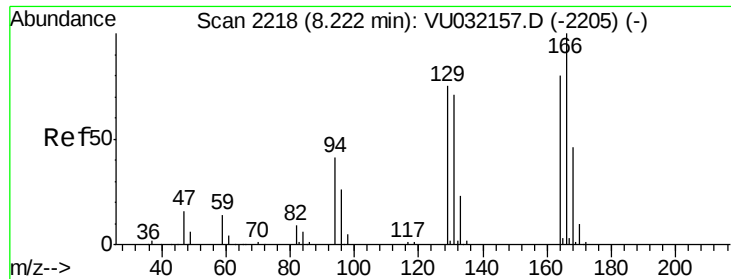
Tgt Ion: 75 Resp: 1561

Ion Ratio Lower Upper

75 100

77 69.2 21.0 39.0#





#47

Tetrachloroethene

Concen: 7.825 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032167.D

Acq: 20 May 2019 20:19

Instrument :

MSVOA_U

ClientSampled :

COBMO

Tgt Ion:164 Resp: 89500

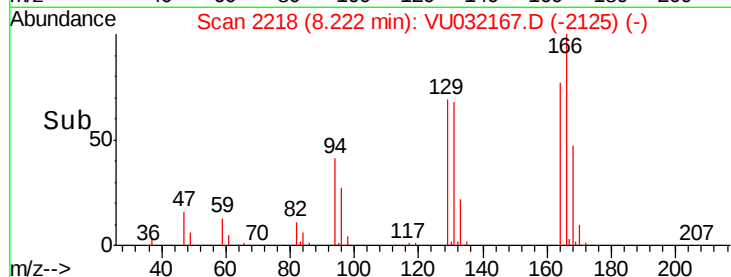
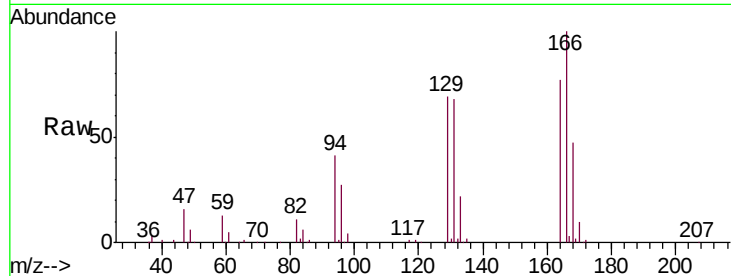
Ion Ratio Lower Upper

164 100

129 89.9 70.3 130.5

131 87.8 64.5 119.9

166 129.8 92.3 171.5

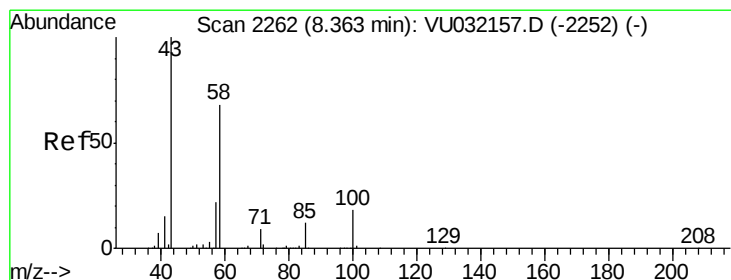
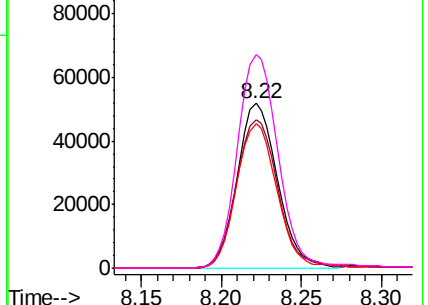


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.575 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU032167.D

Acq: 20 May 2019 20:19

Tgt Ion: 43 Resp: 7812

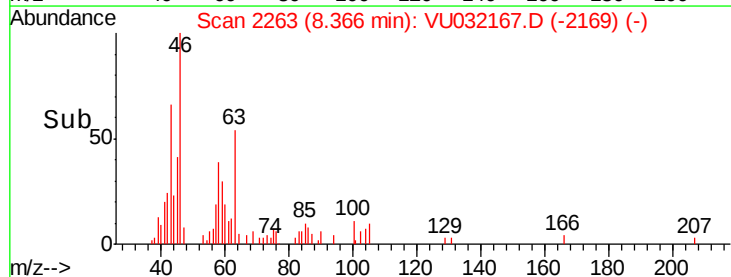
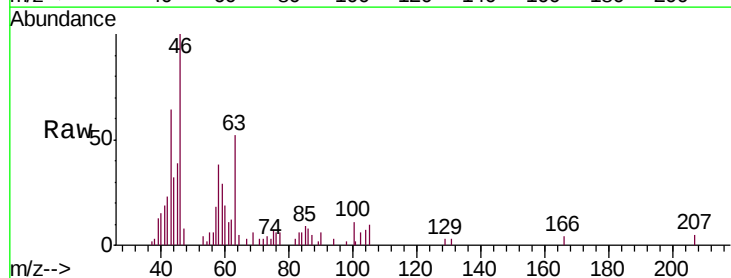
Ion Ratio Lower Upper

43 100

58 54.3 51.6 77.4

57 21.0 18.4 27.6

100 9.7 12.2 18.4#

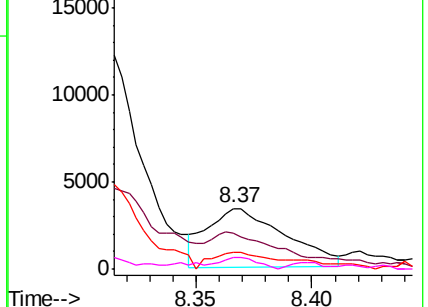


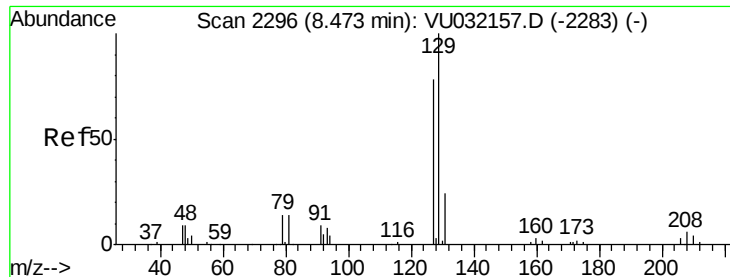
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 7.025 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032167.D

Acq: 20 May 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

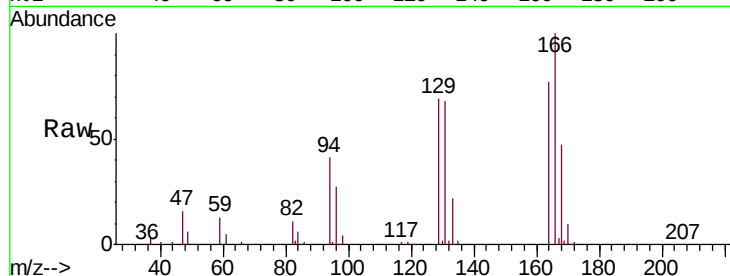
COBMO

Tgt Ion:129 Resp: 82478

Ion Ratio Lower Upper

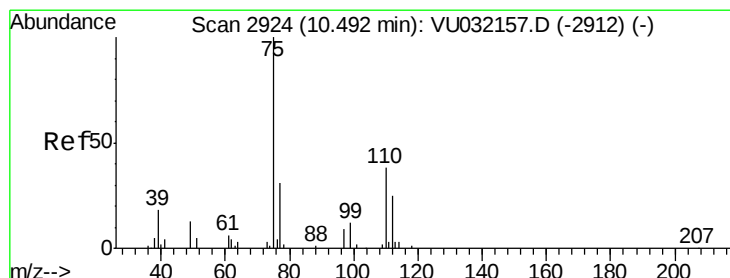
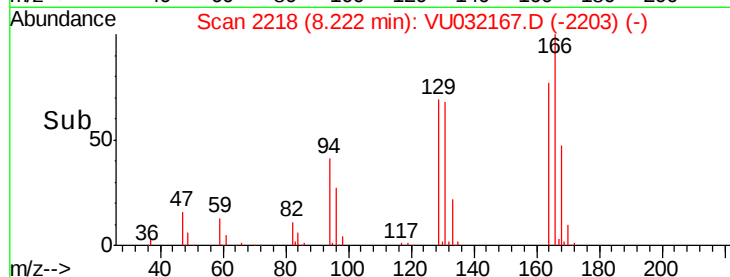
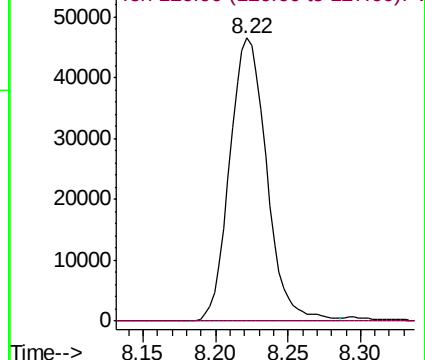
129 100

127 0.0 55.2 102.6#



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: 1.604 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032167.D

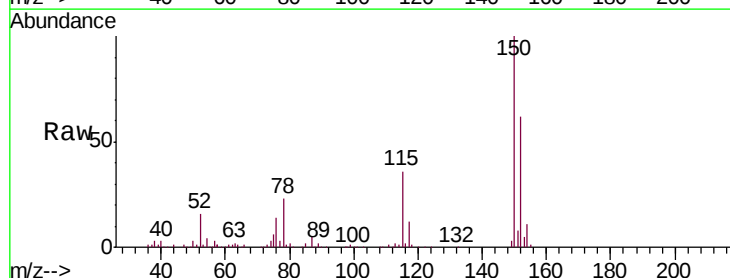
Acq: 20 May 2019 20:19

Tgt Ion: 75 Resp: 14049

Ion Ratio Lower Upper

75 100

77 44.1 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

