

Data File : VU032240.D
Acq On : 22 May 2019 22:31
Operator : JC/SP
Sample : K2888-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP2

Quant Time: May 23 01:53:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	382205	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113193	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.68	69	97889	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	169861	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.20	46	251061	41.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.94%
24) Chloroform-d	4.64	84	224006	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.31	65	111146	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.33	84	458319	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.33	67	139330	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.80%
41) Toluene-d8	7.56	98	381235	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	7.85	79	42907	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.31	63	240364	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104749	2.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	57.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	140108	3.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.40%#

Target Compounds

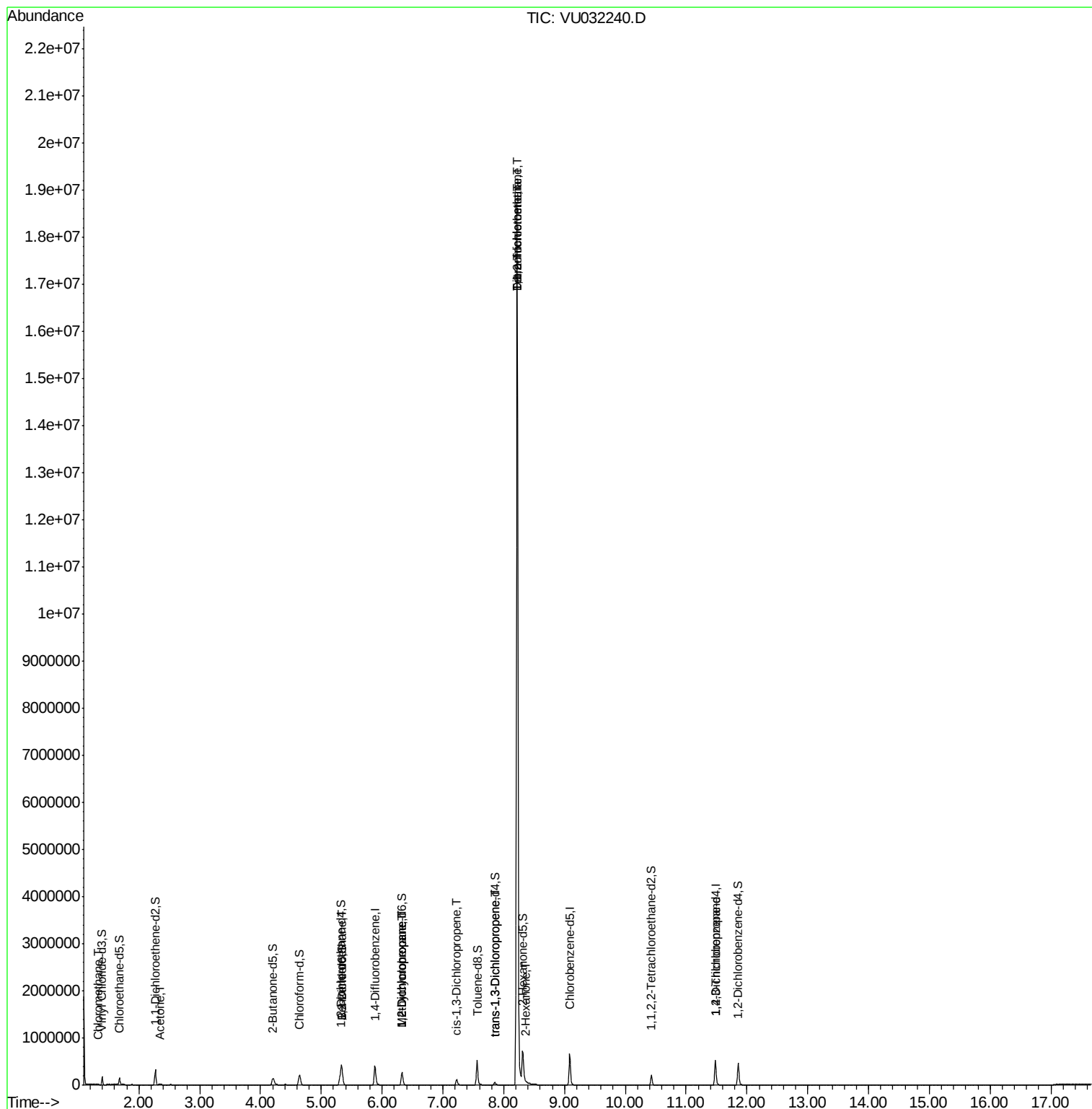
						Qvalue
3) Chloromethane	1.32	50	3202	0.195	ug/L #	82
13) Acetone	2.34	43	9957	5.308	ug/L	98
27) 1,2-Dichloroethane	5.33	62	2317	0.163	ug/L #	73
35) Methylcyclohexane	6.32	83	33099	1.552	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13721	1.056	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2872	0.155	ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	1525	0.105	ug/L	93
45) 1,1,2-Trichloroethane	8.22	97	33703	3.359	ug/L #	1
47) Tetrachloroethene	8.22	164	4600941	384.840	ug/L	97
48) 2-Hexanone	8.37	43	7909	1.570	ug/L #	85
49) Dibromochloromethane	8.22	129	4190315	366.925	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	15728	1.859	ug/L	93

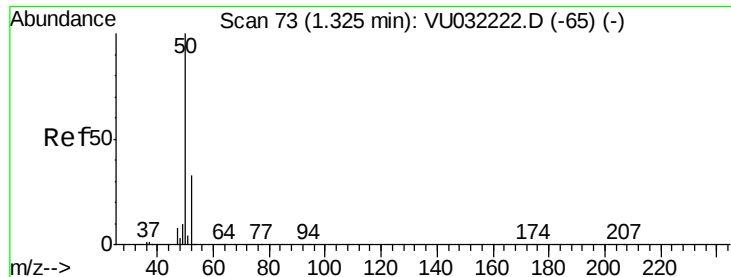
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.195 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

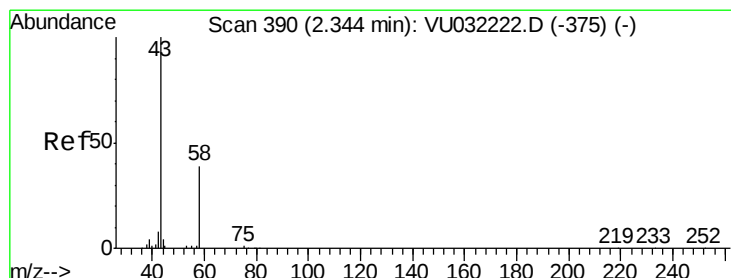
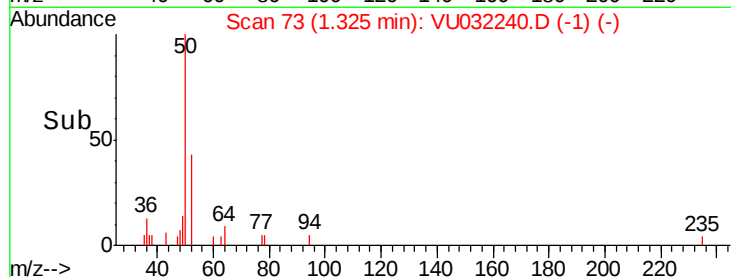
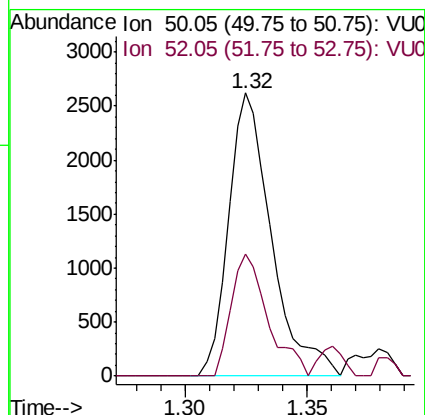
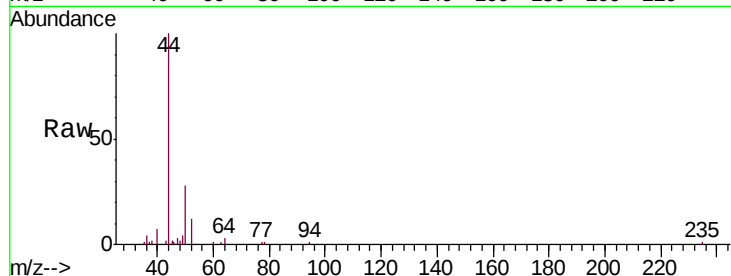
C0BP2

Tgt Ion: 50 Resp: 3202

Ion Ratio Lower Upper

50 100

52 43.3 23.3 43.3#



#13

Acetone

Concen: 5.308 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU032240.D

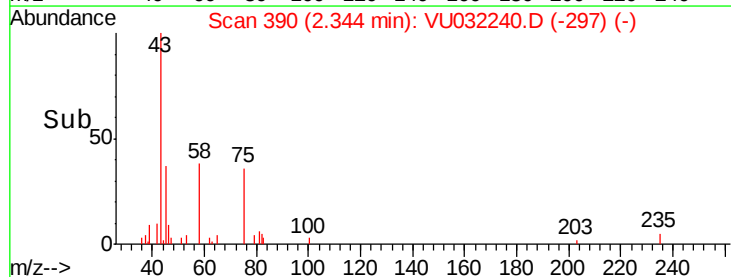
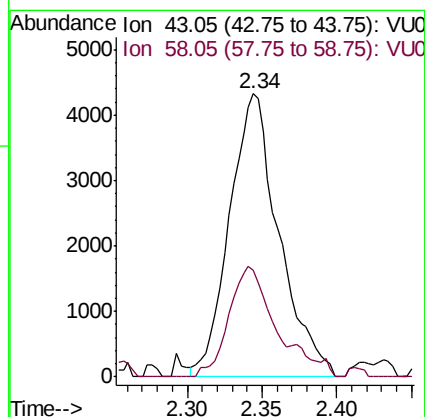
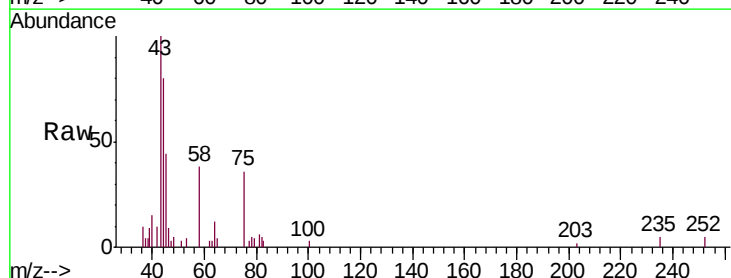
Acq: 22 May 2019 22:31

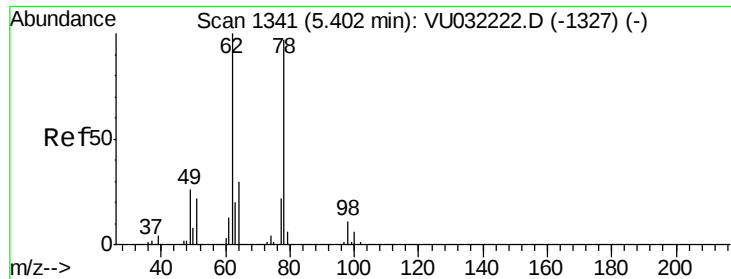
Tgt Ion: 43 Resp: 9957

Ion Ratio Lower Upper

43 100

58 37.6 0.0 72.6





#27

1,2-Dichloroethane

Concen: 0.163 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.07 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

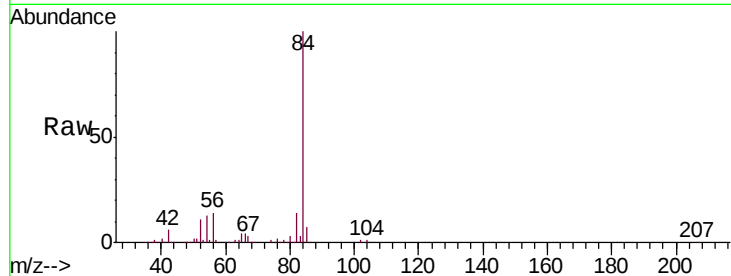
C0BP2

Tgt Ion: 62 Resp: 2317

Ion Ratio Lower Upper

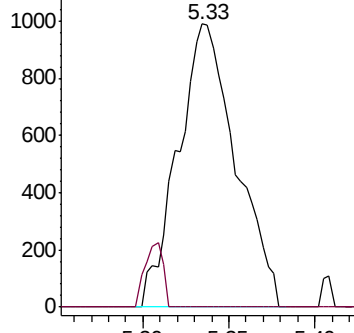
62 100

98 0.0 8.2 12.2#

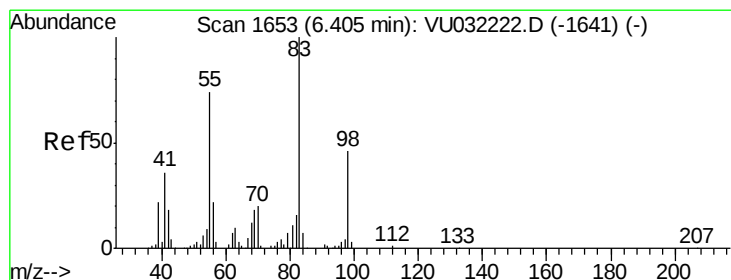
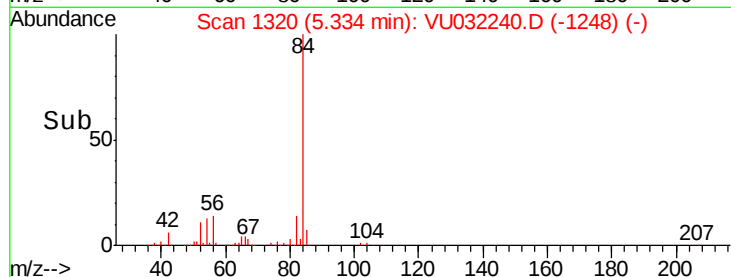


Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



Time-->



#35

Methylcyclohexane

Concen: 1.552 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

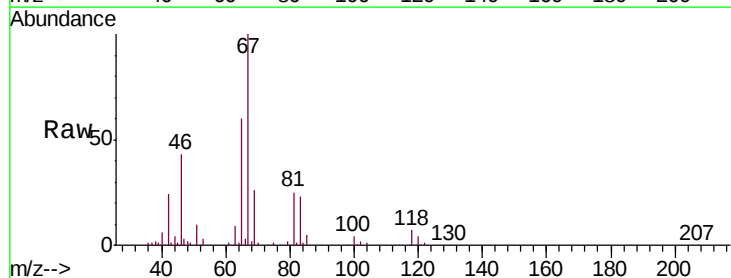
Tgt Ion: 83 Resp: 33099

Ion Ratio Lower Upper

83 100

55 0.2 59.7 89.5#

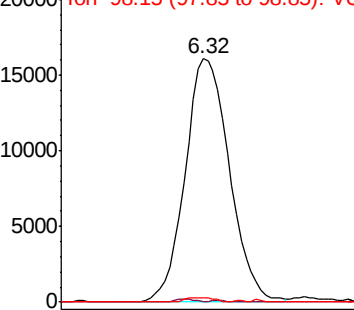
98 1.2 37.5 56.3#



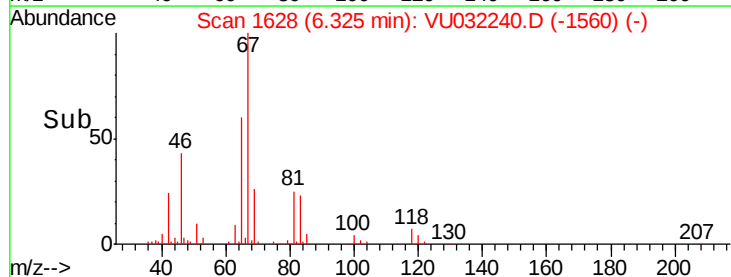
Abundance Ion 83.15 (82.85 to 83.85): VU0

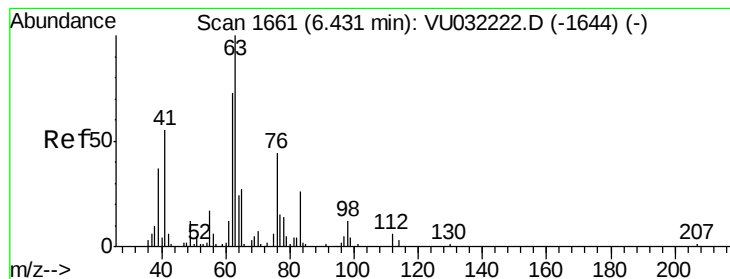
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->





#37

1,2-Dichloropropane

Concen: 1.056 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

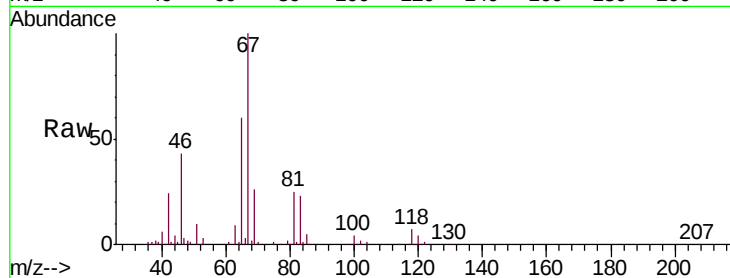
C0BP2

Tgt Ion: 63 Resp: 13721

Ion Ratio Lower Upper

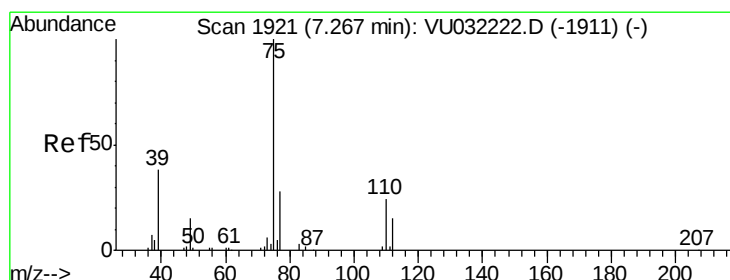
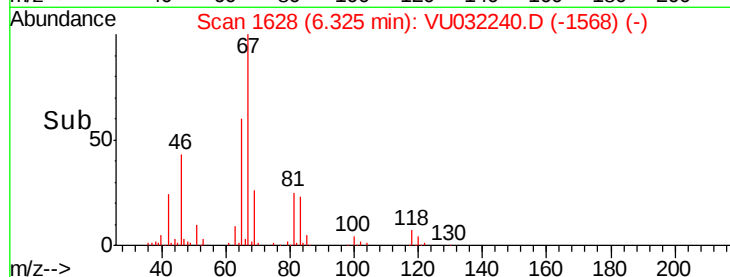
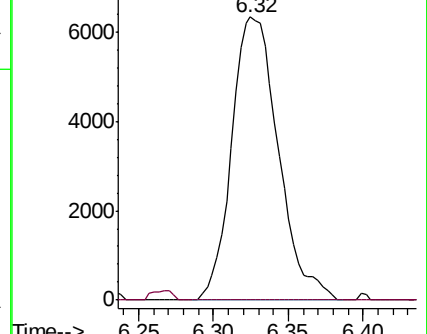
63 100

112 1.5 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU032222.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VU032222.D (-1644) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.155 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032240.D

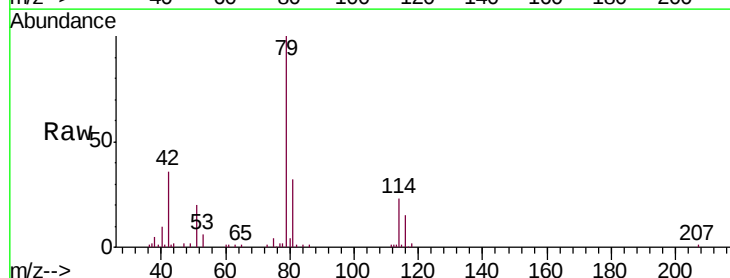
Acq: 22 May 2019 22:31

Tgt Ion: 75 Resp: 2872

Ion Ratio Lower Upper

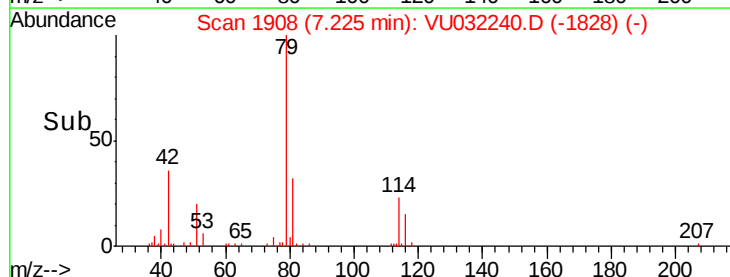
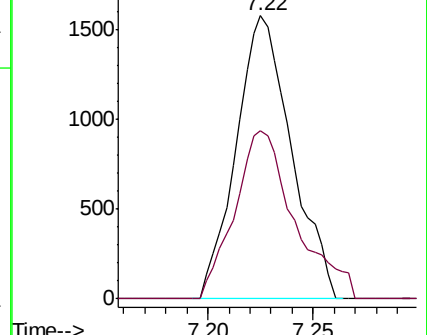
75 100

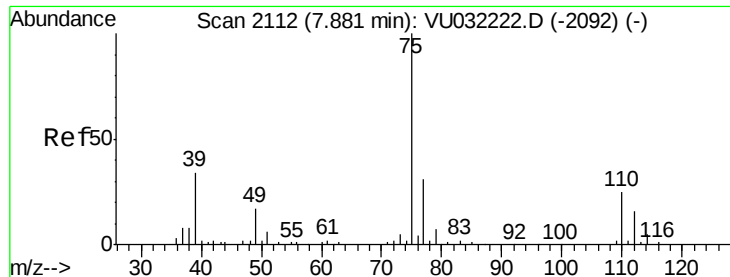
77 59.6 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032222.D (-1911) (-)

Ion 77.05 (76.75 to 77.75): VU032222.D (-1911) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Instrument :

MSVOA_U

ClientSampled :

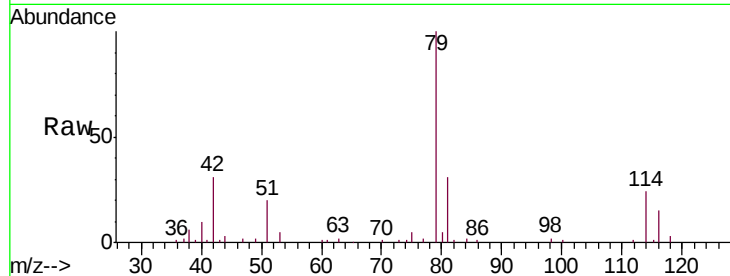
C0BP2

Tgt Ion: 75 Resp: 1525

Ion Ratio Lower Upper

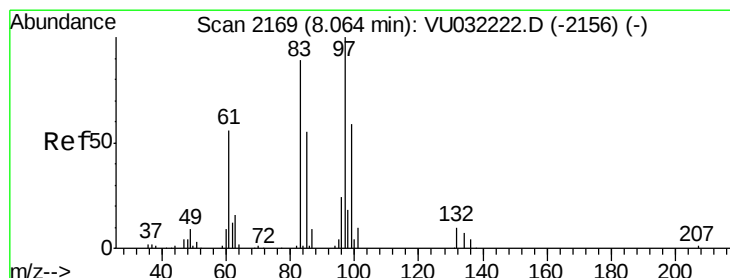
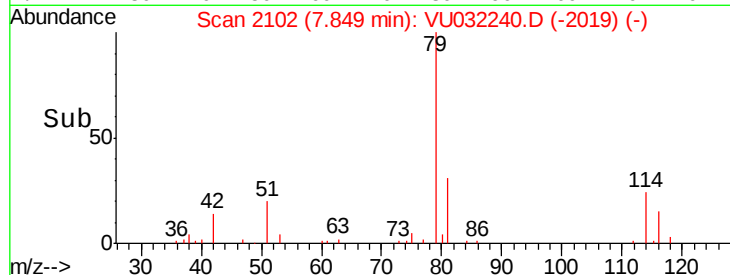
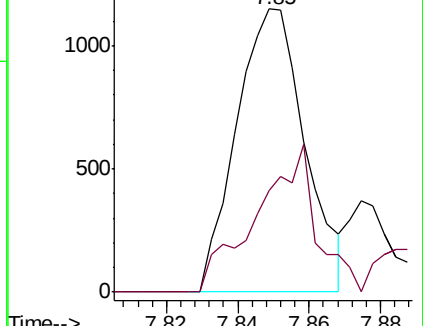
75 100

77 36.1 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU032222.D (-2092) (-)

Ion 77.05 (76.75 to 77.75): VU032222.D (-2092) (-)



#45

1,1,2-Trichloroethane

Concen: 3.359 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Tgt Ion: 97 Resp: 33703

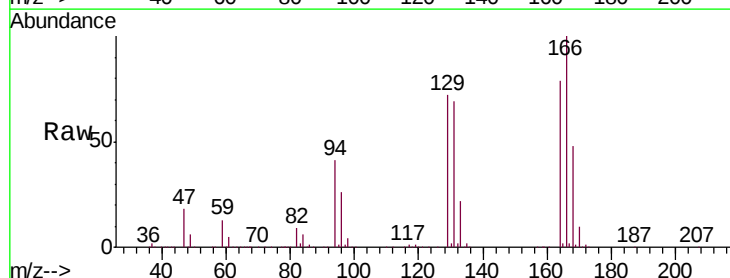
Ion Ratio Lower Upper

97 100

99 16.1 44.2 82.0#

83 275.6 60.5 112.3#

85 36.2 36.3 67.3#

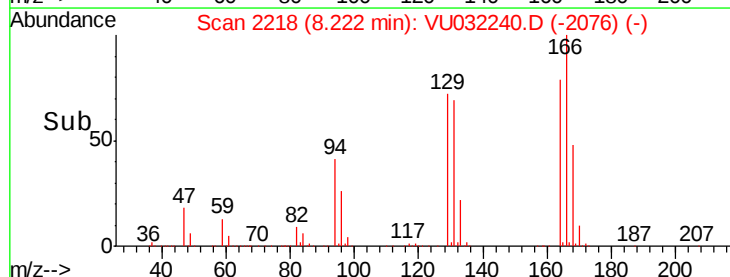
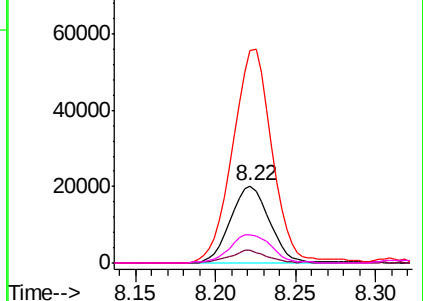


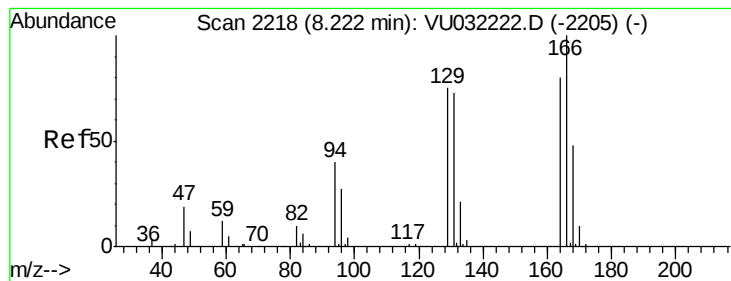
Abundance Ion 96.95 (96.65 to 97.65): VU032222.D (-2156) (-)

Ion 99.05 (98.75 to 99.75): VU032222.D (-2156) (-)

Ion 82.95 (82.65 to 83.65): VU032222.D (-2156) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-2156) (-)





#47

Tetrachloroethene

Concen: 384.840 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Instrument :
MSVOA_U
ClientSampled :
C0BP2

Tgt Ion:164 Resp: 4600941

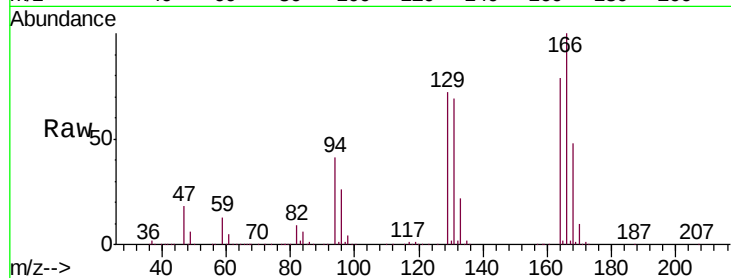
Ion Ratio Lower Upper

164 100

129 91.4 67.1 124.7

131 87.6 62.2 115.4

166 127.1 90.9 168.9

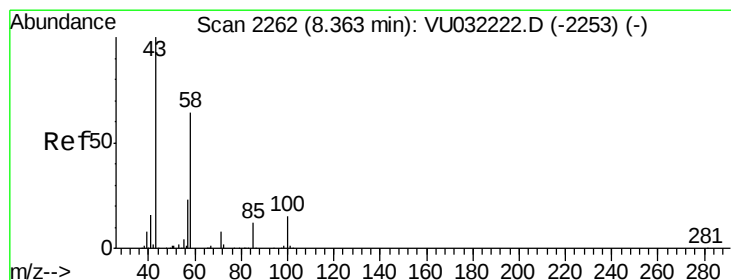
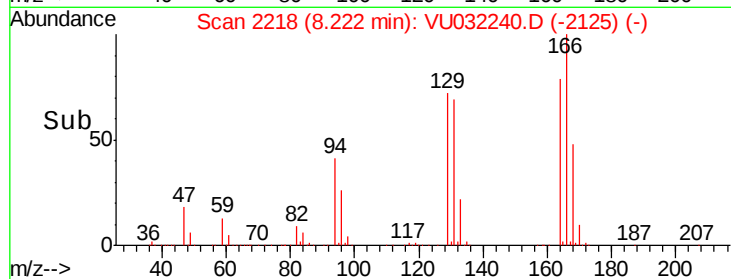
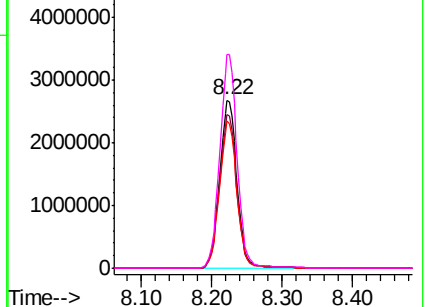


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.570 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Tgt Ion: 43 Resp: 7909

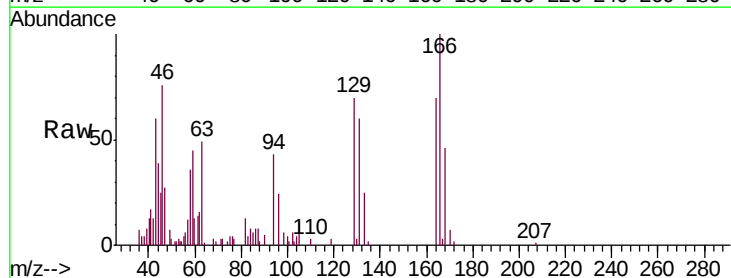
Ion Ratio Lower Upper

43 100

58 49.3 49.7 74.5#

57 15.3 17.1 25.7#

100 8.9 11.6 17.4#

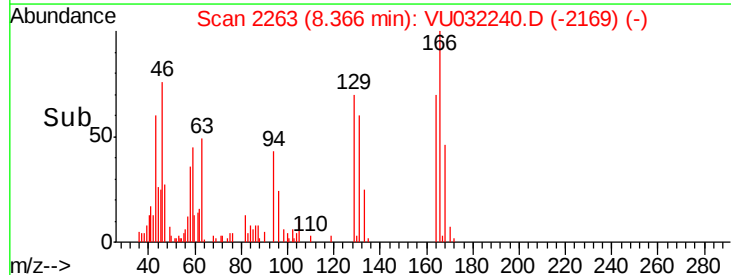
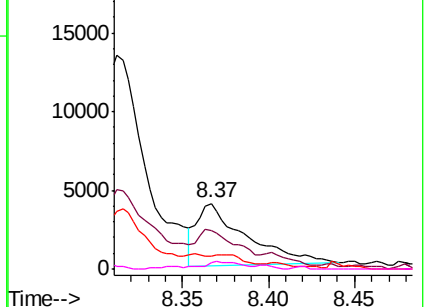


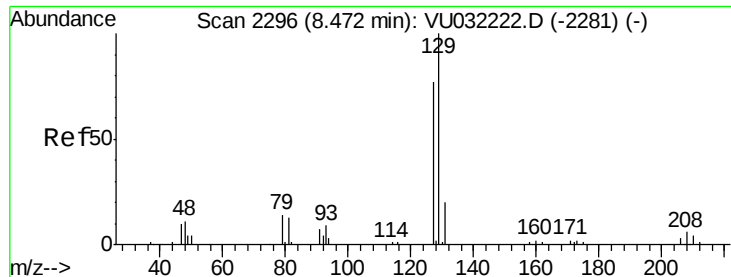
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 366.925 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032240.D

Acq: 22 May 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

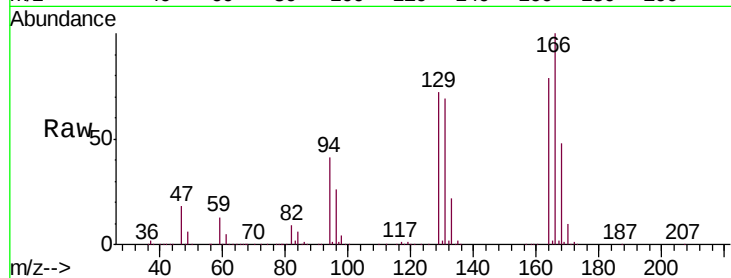
C0BP2

Tgt Ion:129 Resp: 4190315

Ion Ratio Lower Upper

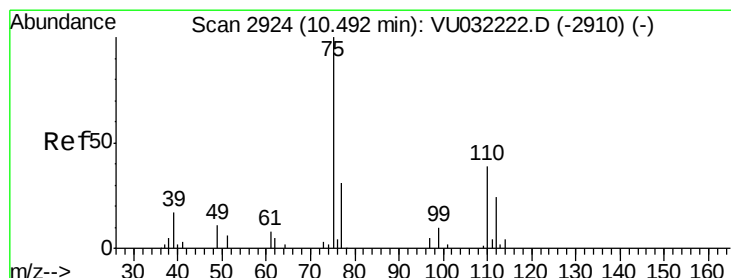
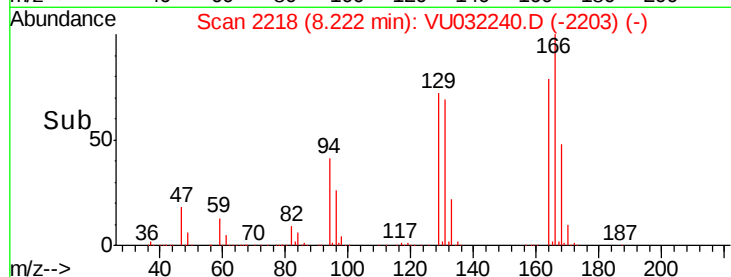
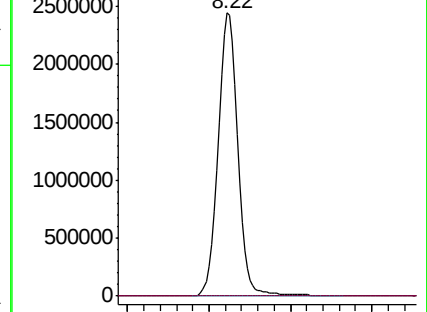
129 100

127 0.0 51.7 95.9#



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: 1.859 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032240.D

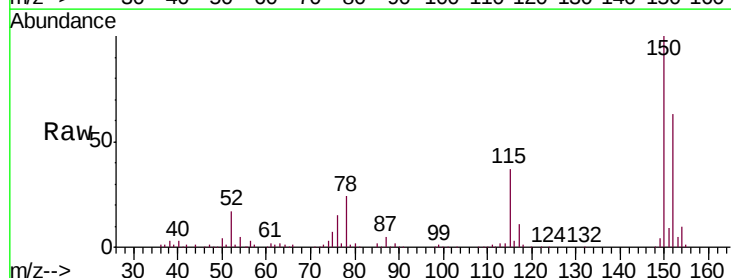
Acq: 22 May 2019 22:31

Tgt Ion: 75 Resp: 15728

Ion Ratio Lower Upper

75 100

77 39.3 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

