

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031327.D
 Acq On : 18 Apr 2019 23:24
 Operator : JC/SP
 Sample : K2451-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMY2

Quant Time: Apr 19 04:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	182600	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81632	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89616	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.68	69	75645	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	133148	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.21	46	197567	51.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	4.64	84	125032	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.31	65	72865	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.34	84	234819	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.33	67	76191	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.56	98	191961	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.85	79	27680	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.31	63	135572	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65309	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	73888	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

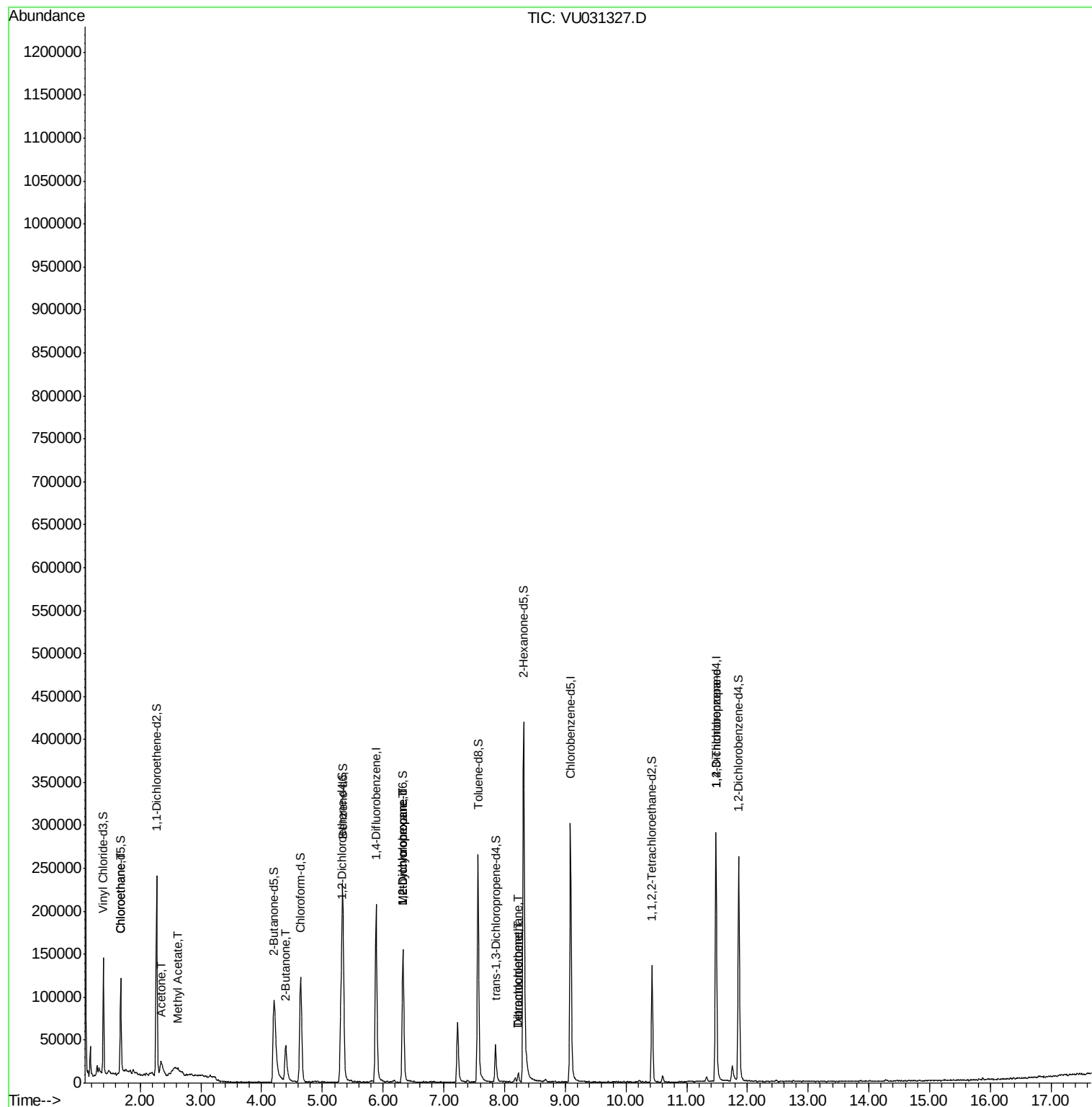
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	1.68	64	1361	0.085	ug/L #	64
13) Acetone	2.34	43	24763	5.838	ug/L	98
15) Methyl Acetate	2.62	43	2186	0.189	ug/L #	57
21) 2-Butanone	4.40	43	65166	14.948	ug/L #	52
35) Methylcyclohexane	6.33	83	17803	0.772	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8390	0.514	ug/L #	87
47) Tetrachloroethene	8.23	164	2847	0.228	ug/L	92
49) Dibromochloromethane	8.23	129	2439	0.175	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9627	0.903	ug/L	97

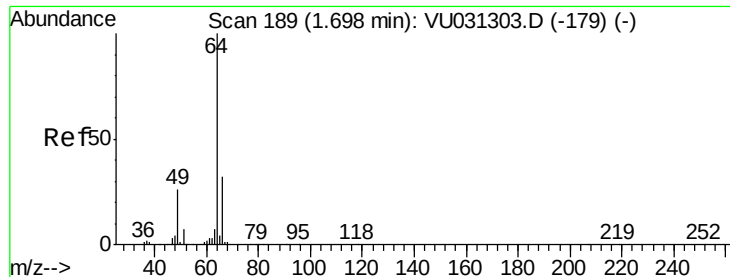
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.085 ug/L

RT: 1.68 min Scan# 184

Delta R.T. -0.02 min

Lab File: VU031327.D

Acq: 18 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

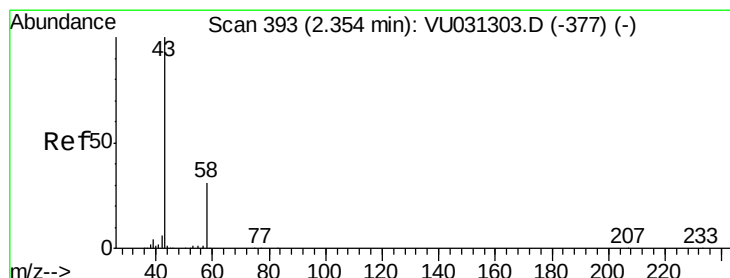
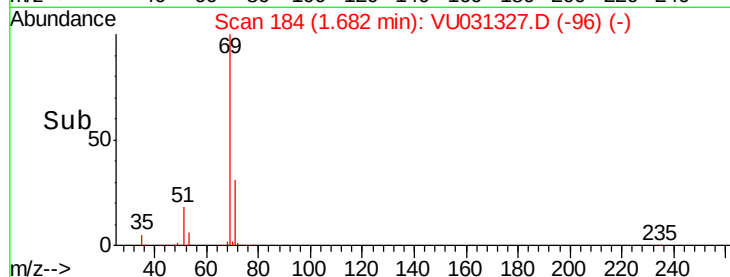
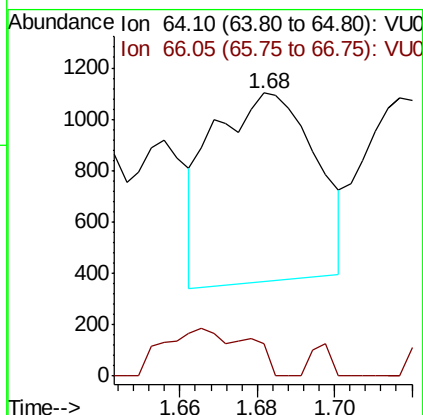
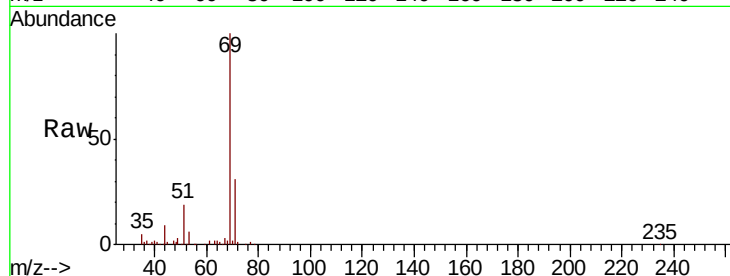
YAMY2

Tgt Ion: 64 Resp: 1361

Ion Ratio Lower Upper

64 100

66 11.5 21.9 40.7#



#13

Acetone

Concen: 5.838 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU031327.D

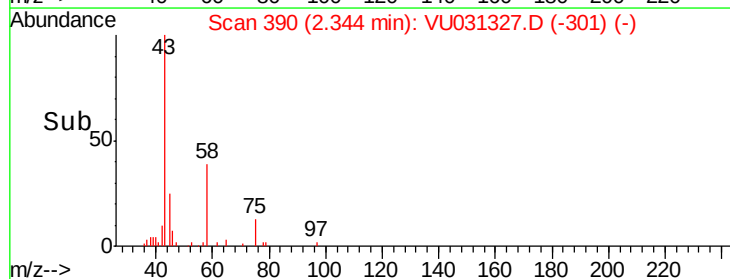
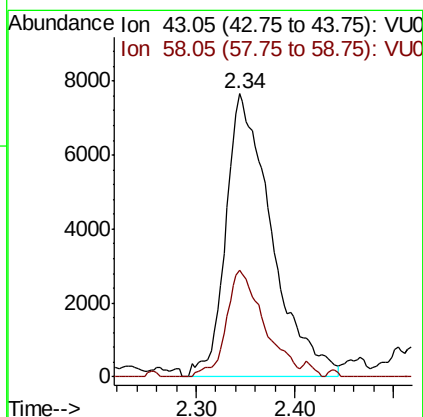
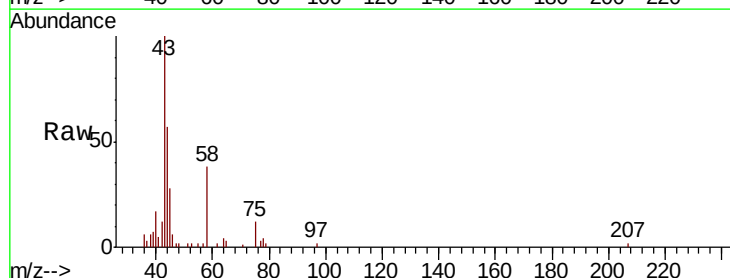
Acq: 18 Apr 2019 23:24

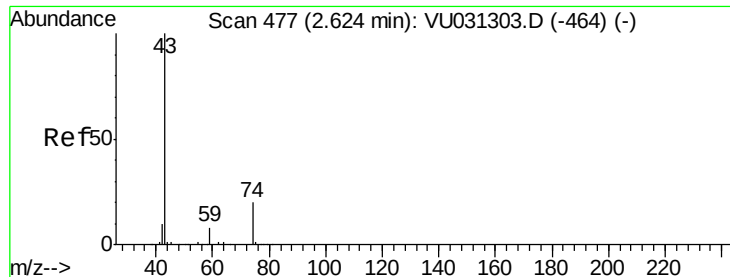
Tgt Ion: 43 Resp: 24763

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.4





#15

Methyl Acetate

Concen: 0.189 ug/L

RT: 2.62 min Scan# 476

Delta R.T. -0.00 min

Lab File: VU031327.D

Acq: 18 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

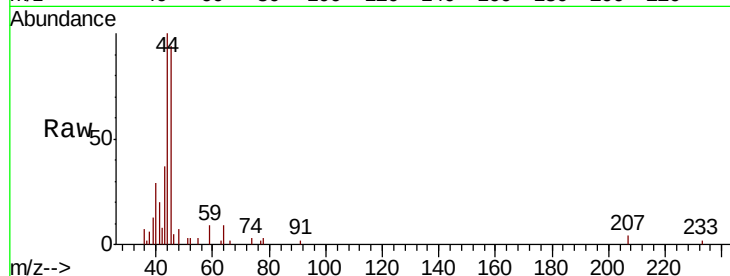
YAMY2

Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

74 1.0 16.7 25.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2000

1500

1000

500

0

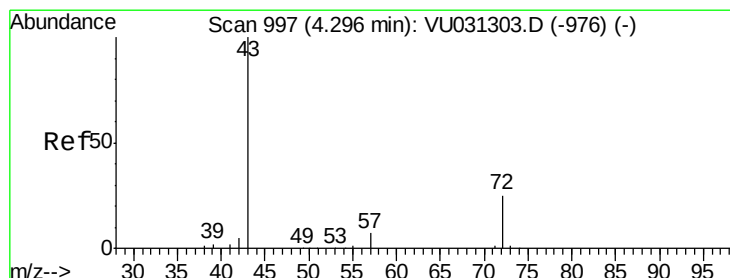
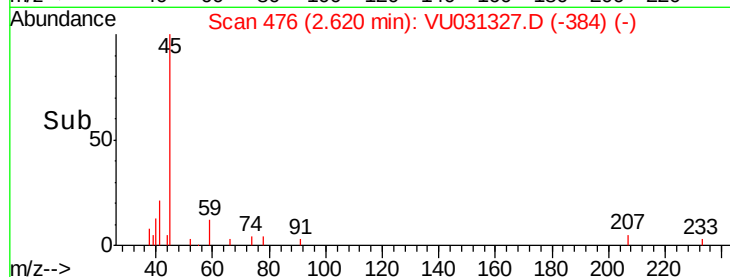
Time-->

2.60

2.62

2.64

2.66



#21

2-Butanone

Concen: 14.948 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. 0.10 min

Lab File: VU031327.D

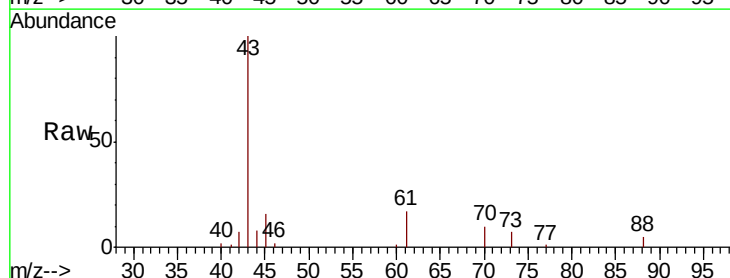
Acq: 18 Apr 2019 23:24

Tgt Ion: 43 Resp: 65166

Ion Ratio Lower Upper

43 100

72 0.1 11.8 35.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

25000

20000

15000

10000

5000

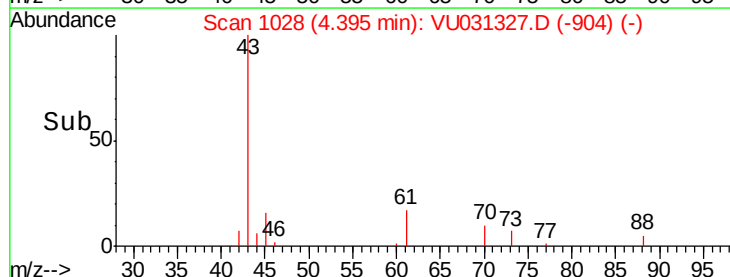
0

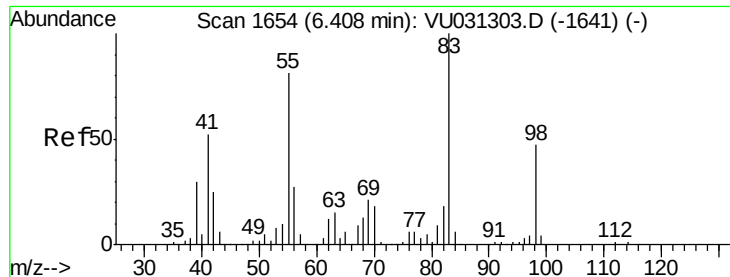
Time-->

4.30

4.40

4.50

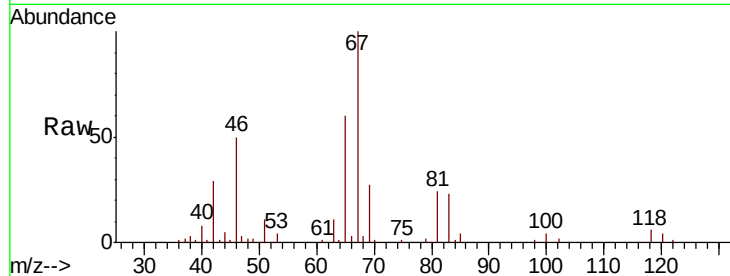




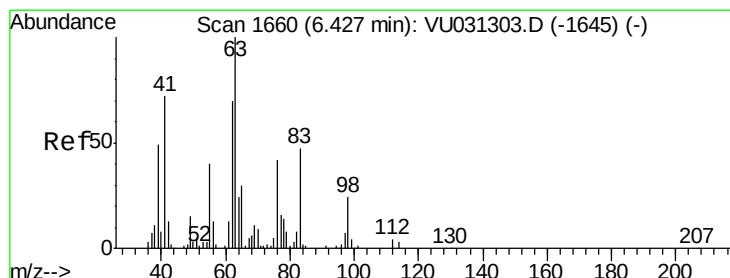
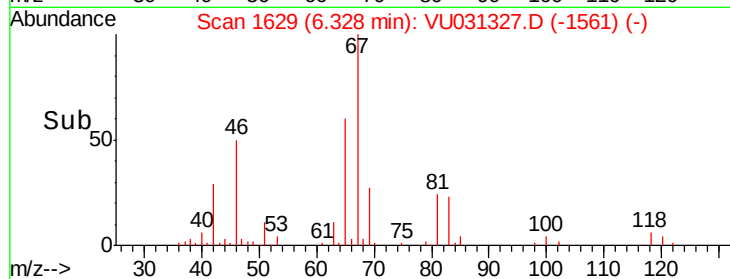
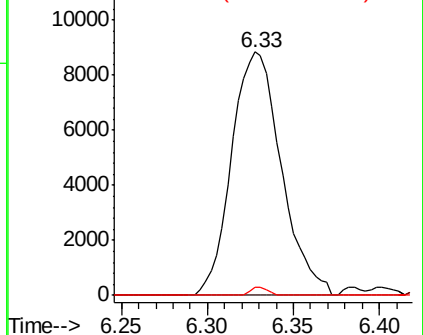
#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031327.D
Acq: 18 Apr 2019 23:24

Instrument :
MSVOA_U
ClientSampleId :
YAMY2

Tgt Ion: 83 Resp: 17803
Ion Ratio Lower Upper
83 100
55 0.1 70.6 105.8#
98 1.1 37.0 55.4#

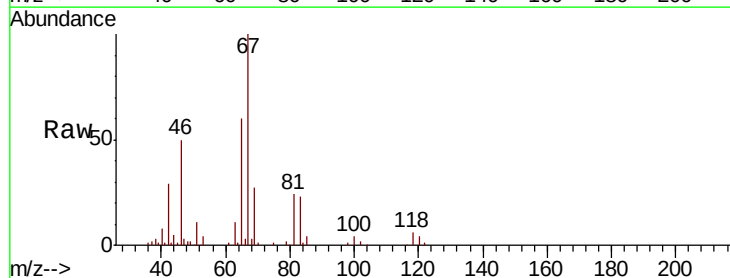


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

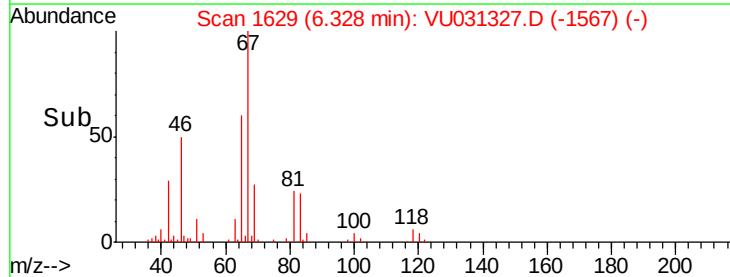
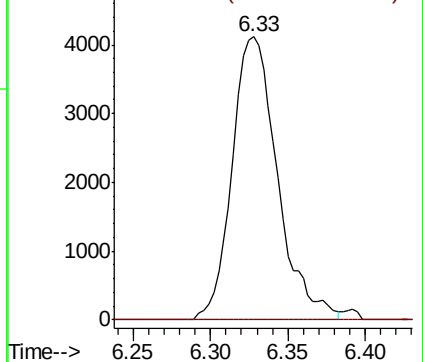


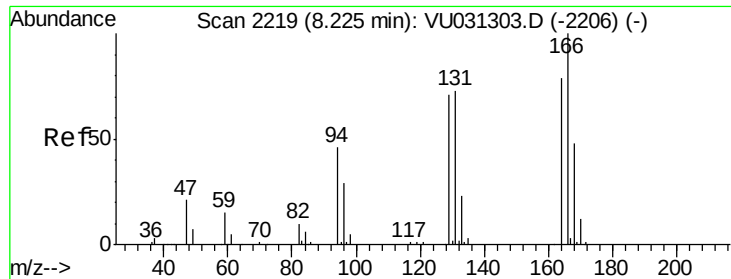
#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031327.D
Acq: 18 Apr 2019 23:24

Tgt Ion: 63 Resp: 8390
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.228 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031327.D

Acq: 18 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

YAMY2

Tgt Ion:164 Resp: 2847

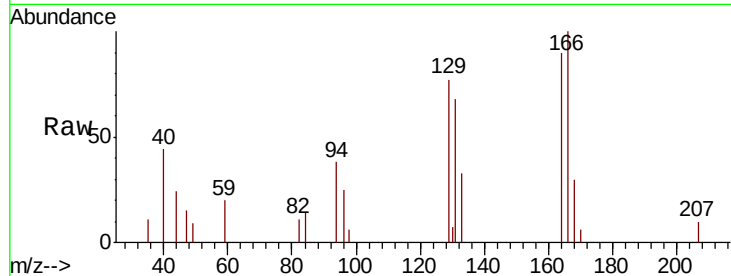
Ion Ratio Lower Upper

164 100

129 85.7 61.9 114.9

131 75.4 61.5 114.3

166 111.5 84.6 157.0

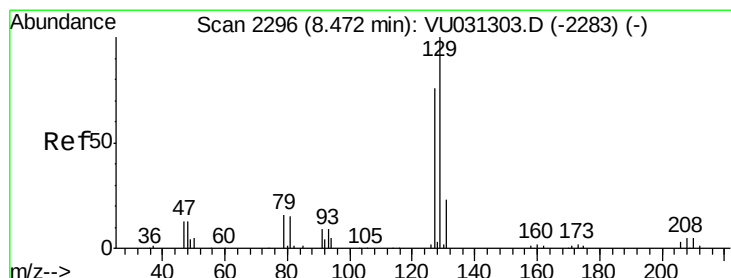
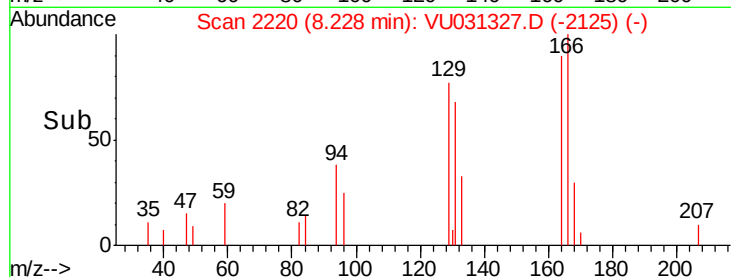
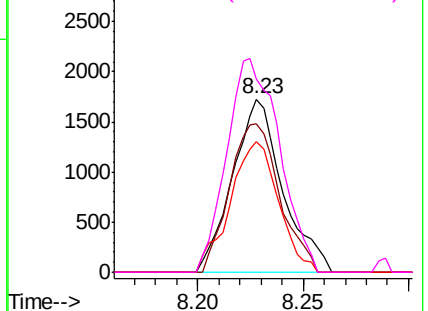


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. -0.24 min

Lab File: VU031327.D

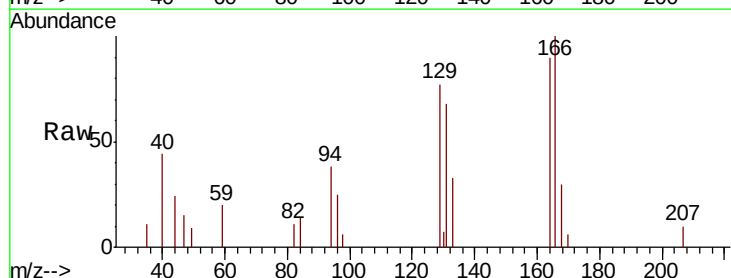
Acq: 18 Apr 2019 23:24

Tgt Ion:129 Resp: 2439

Ion Ratio Lower Upper

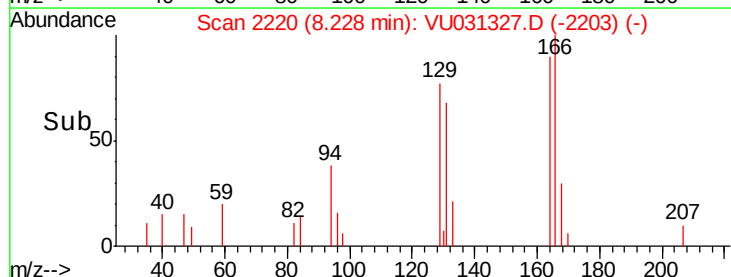
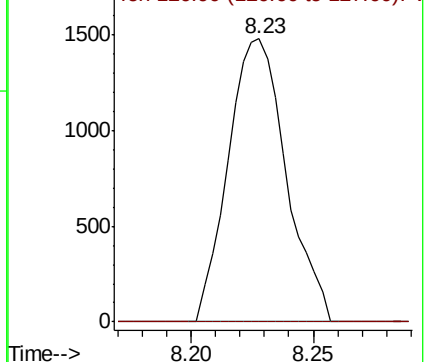
129 100

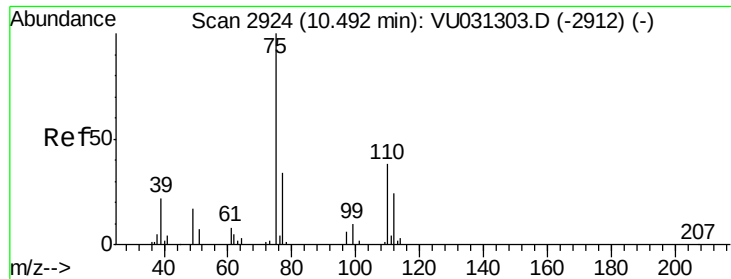
127 0.0 53.3 99.1#



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: 0.903 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031327.D

Acq: 18 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

YAMY2

Tgt Ion: 75 Resp: 9627

Ion Ratio Lower Upper

75 100

77 35.5 27.0 40.6

