

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031313.D
 Acq On : 18 Apr 2019 17:43
 Operator : JC/SP
 Sample : K2451-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZO

Quant Time: Apr 19 04:42:23 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	194613	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	198145	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	100306	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	82524	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.27	63	148492	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.21	46	208232	49.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	4.64	84	135554	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	74673	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.33	84	257100	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.33	67	83853	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	214048	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	29888	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.31	63	145333	45.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88888	6.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	76785	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

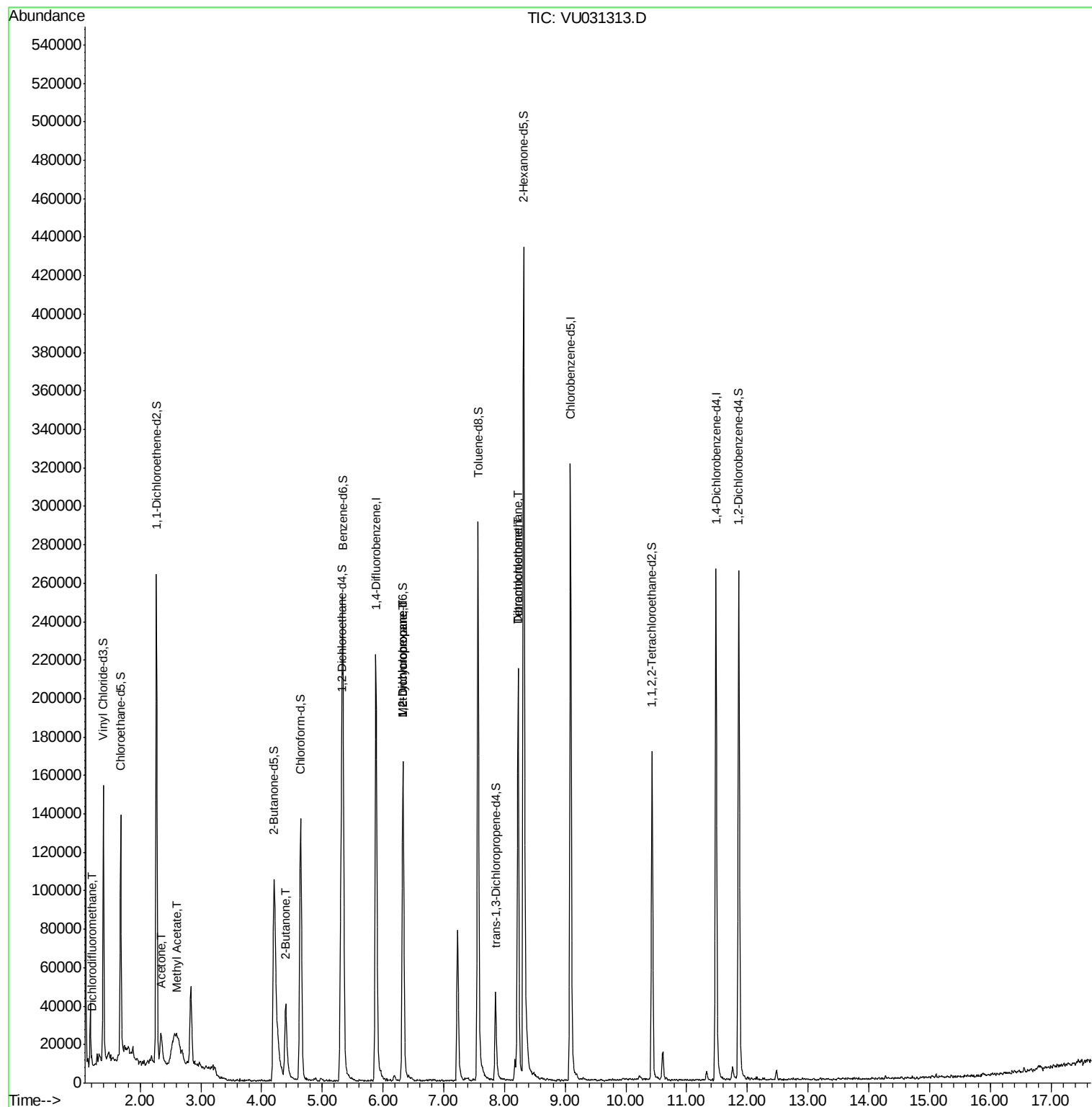
					Qvalue
2) Dichlorodifluoromethane	1.20	85	2692	0.120 ug/L	96
13) Acetone	2.34	43	18034	3.865 ug/L	95
15) Methyl Acetate	2.62	43	4925	0.386 ug/L #	63
21) 2-Butanone	4.40	43	58098	12.114 ug/L #	52
35) Methylcyclohexane	6.33	83	19438	0.776 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8847	0.499 ug/L #	91
47) Tetrachloroethene	8.22	164	51732	3.819 ug/L	96
49) Dibromochloromethane	8.22	129	48104	3.183 ug/L #	11

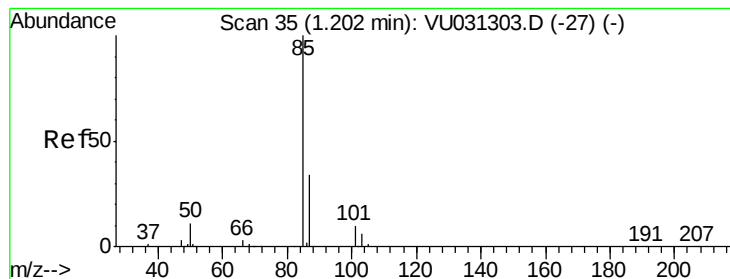
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 04:38:37 2019
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#2

Dichlorodifluoromethane

Concen: 0.120 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031313.D

Acq: 18 Apr 2019 17:43

Instrument :

MSVOA_U

ClientSampleId :

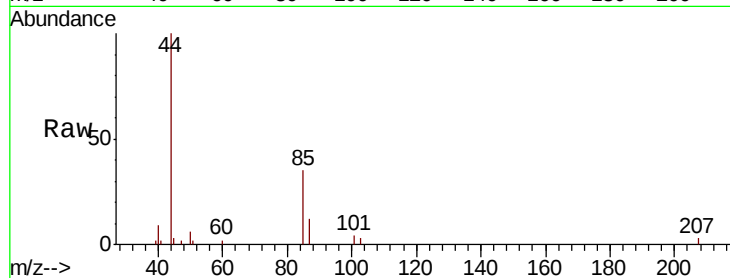
YAMZ0

Tgt Ion: 85 Resp: 2692

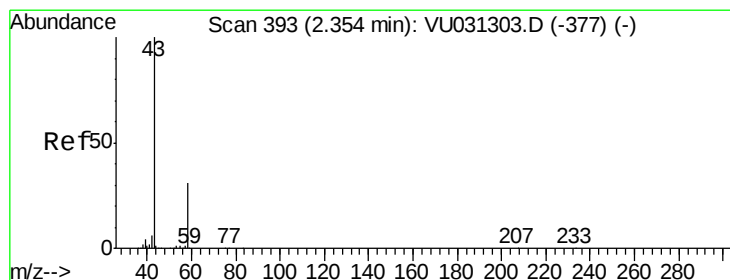
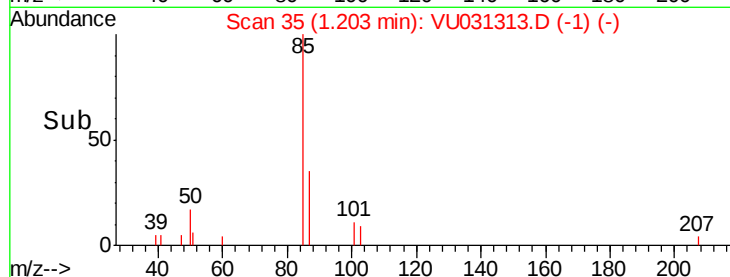
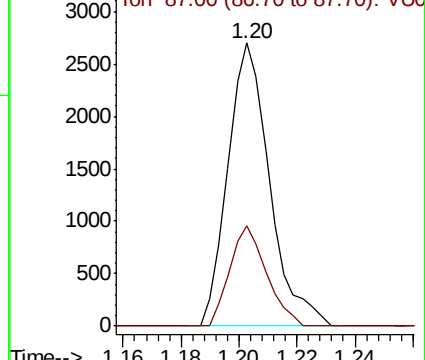
Ion Ratio Lower Upper

85 100

87 31.1 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VU031313.D (-1) (-)



#13

Acetone

Concen: 3.865 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU031313.D

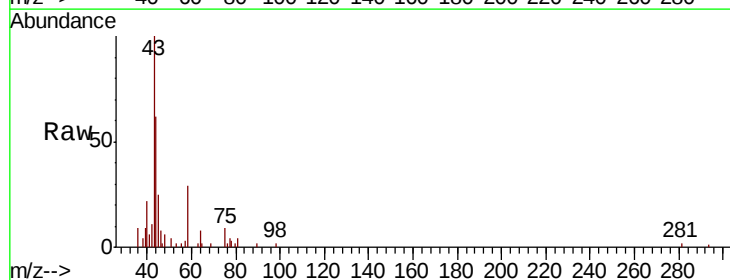
Acq: 18 Apr 2019 17:43

Tgt Ion: 43 Resp: 18034

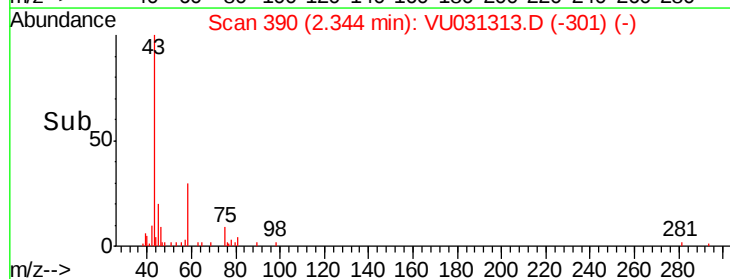
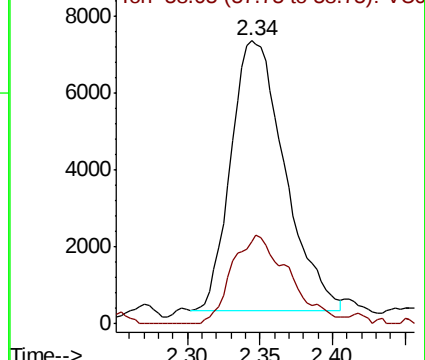
Ion Ratio Lower Upper

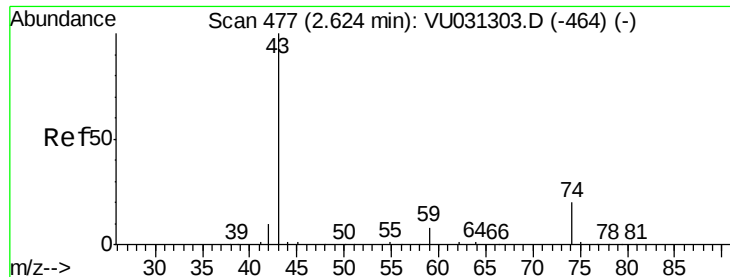
43 100

58 35.0 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU031313.D (-301) (-)

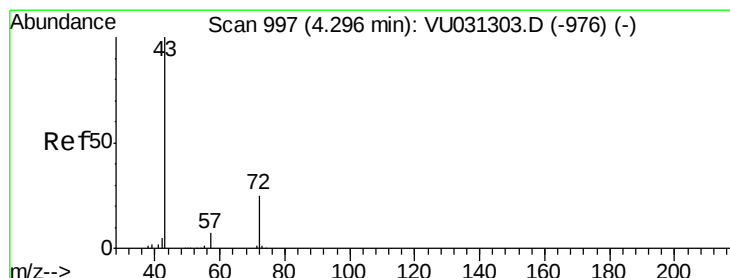
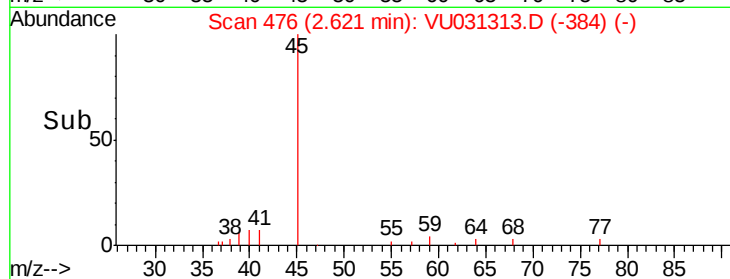
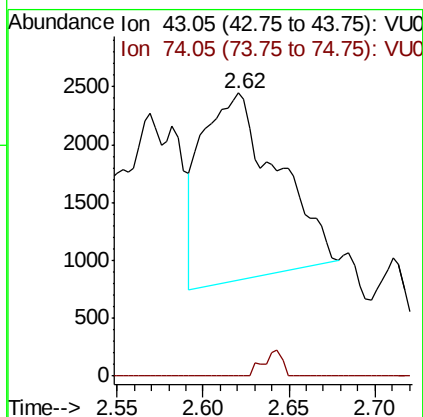
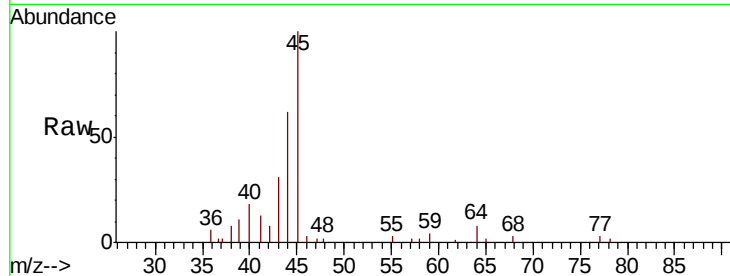




#15
Methyl Acetate
Concen: 0.386 ug/L
RT: 2.62 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU031313.D
Acq: 18 Apr 2019 17:43

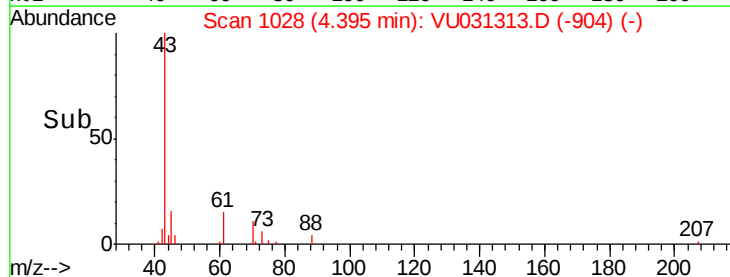
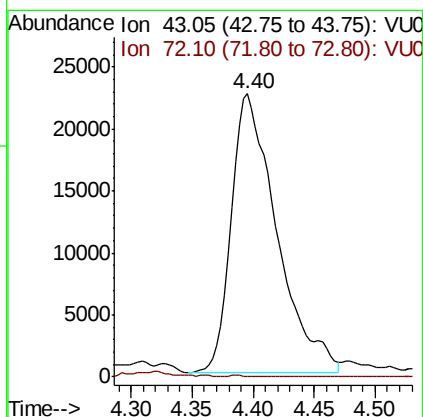
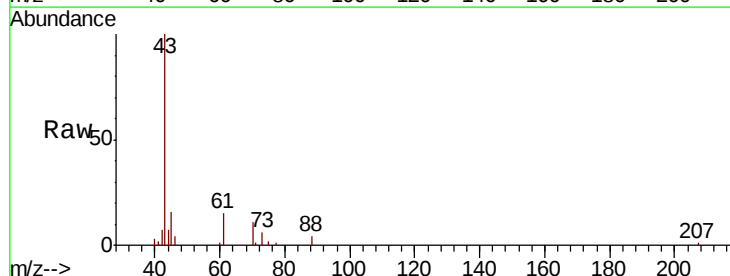
Instrument :
MSVOA_U
ClientSampleId :
YAMZ0

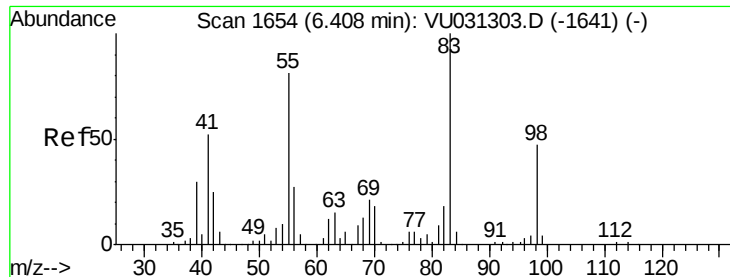
Tgt Ion: 43 Resp: 4925
Ion Ratio Lower Upper
43 100
74 3.6 16.7 25.1#



#21
2-Butanone
Concen: 12.114 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. 0.10 min
Lab File: VU031313.D
Acq: 18 Apr 2019 17:43

Tgt Ion: 43 Resp: 58098
Ion Ratio Lower Upper
43 100
72 0.1 11.8 35.4#

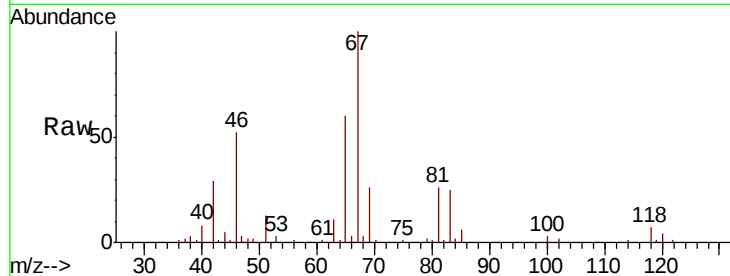




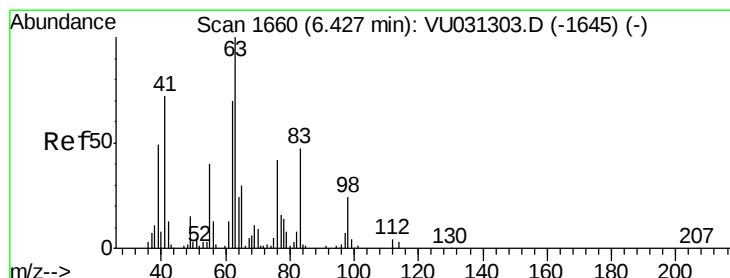
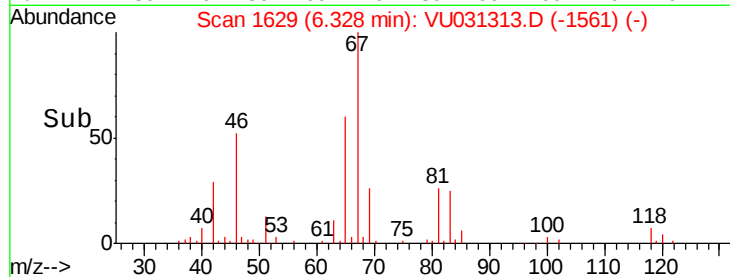
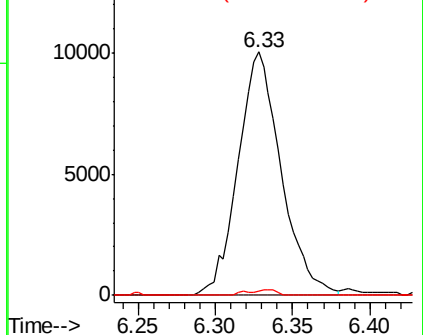
#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031313.D
Acq: 18 Apr 2019 17:43

Instrument :
MSVOA_U
ClientSampleId :
YAMZ0

Tgt Ion: 83 Resp: 19438
Ion Ratio Lower Upper
83 100
55 0.1 70.6 105.8#
98 0.9 37.0 55.4#

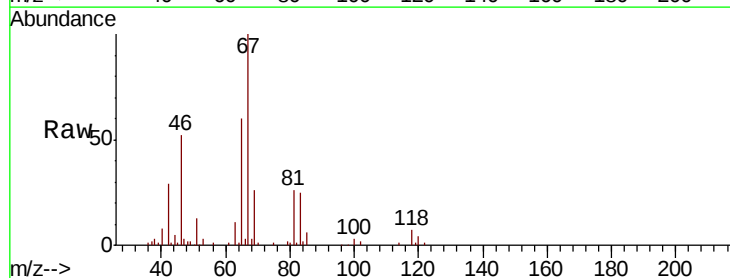


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

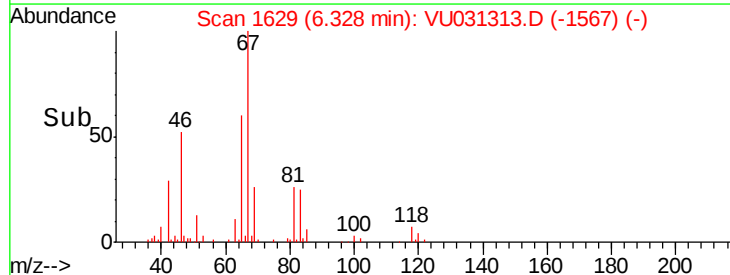
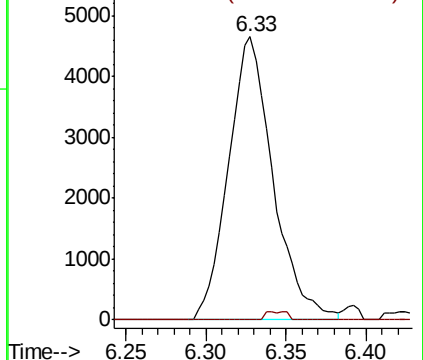


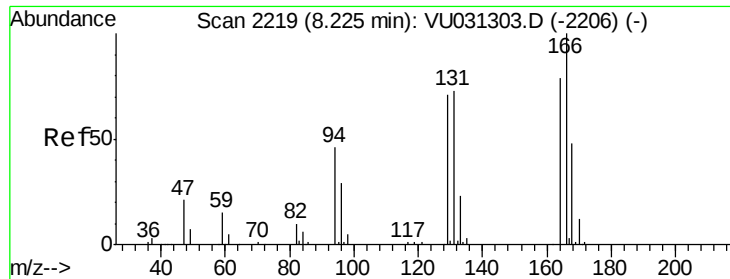
#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031313.D
Acq: 18 Apr 2019 17:43

Tgt Ion: 63 Resp: 8847
Ion Ratio Lower Upper
63 100
112 1.4 3.5 5.3#



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

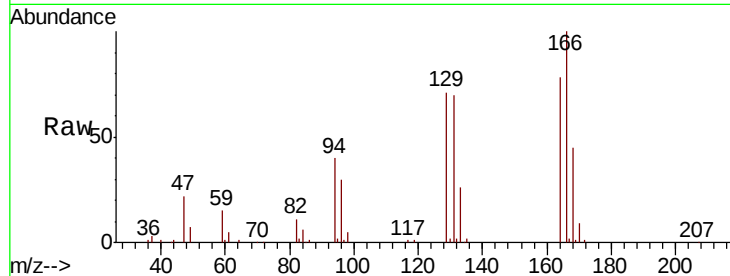




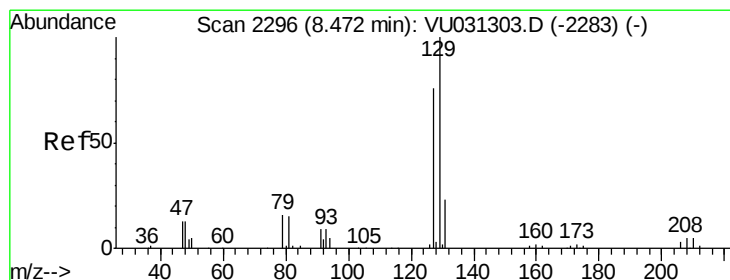
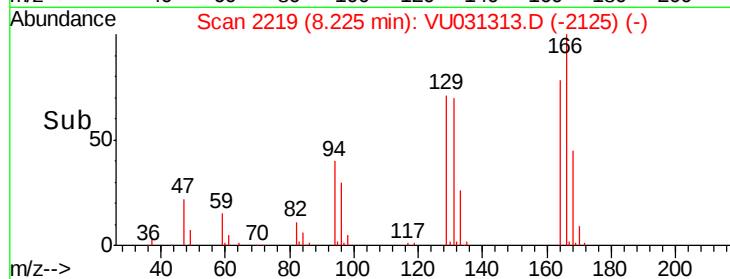
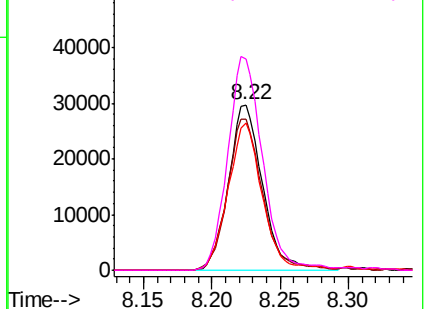
#47
Tetrachloroethene
Concen: 3.819 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031313.D
Acq: 18 Apr 2019 17:43

Instrument :
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ClientSampleId :
YAMZ0

Tgt Ion:164 Resp: 51732
Ion Ratio Lower Upper
164 100
129 91.1 61.9 114.9
131 89.2 61.5 114.3
166 127.9 84.6 157.0

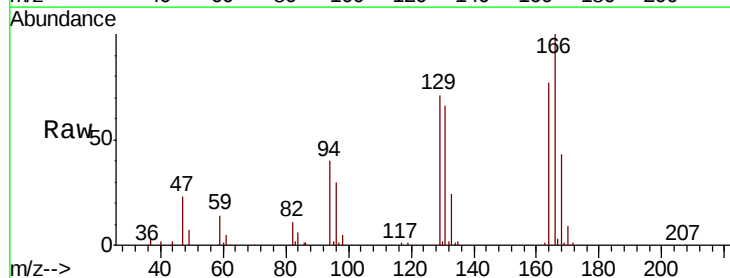


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 3.183 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031313.D
Acq: 18 Apr 2019 17:43

Tgt Ion:129 Resp: 48104
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

