

Data File : VU033175.D
Acq On : 03 Jul 2019 16:29
Operator : JC/SP
Sample : K3598-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM82

Quant Time: Jul 04 01:24:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 04 01:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	77387	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	82658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21440	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.68	69	20458	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.27	63	36823	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.19	46	87042	53.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.64	84	51942	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	31052	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.33	84	92611	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.32	67	31904	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	79743	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	11803	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.31	63	51109	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27890	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	34086	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

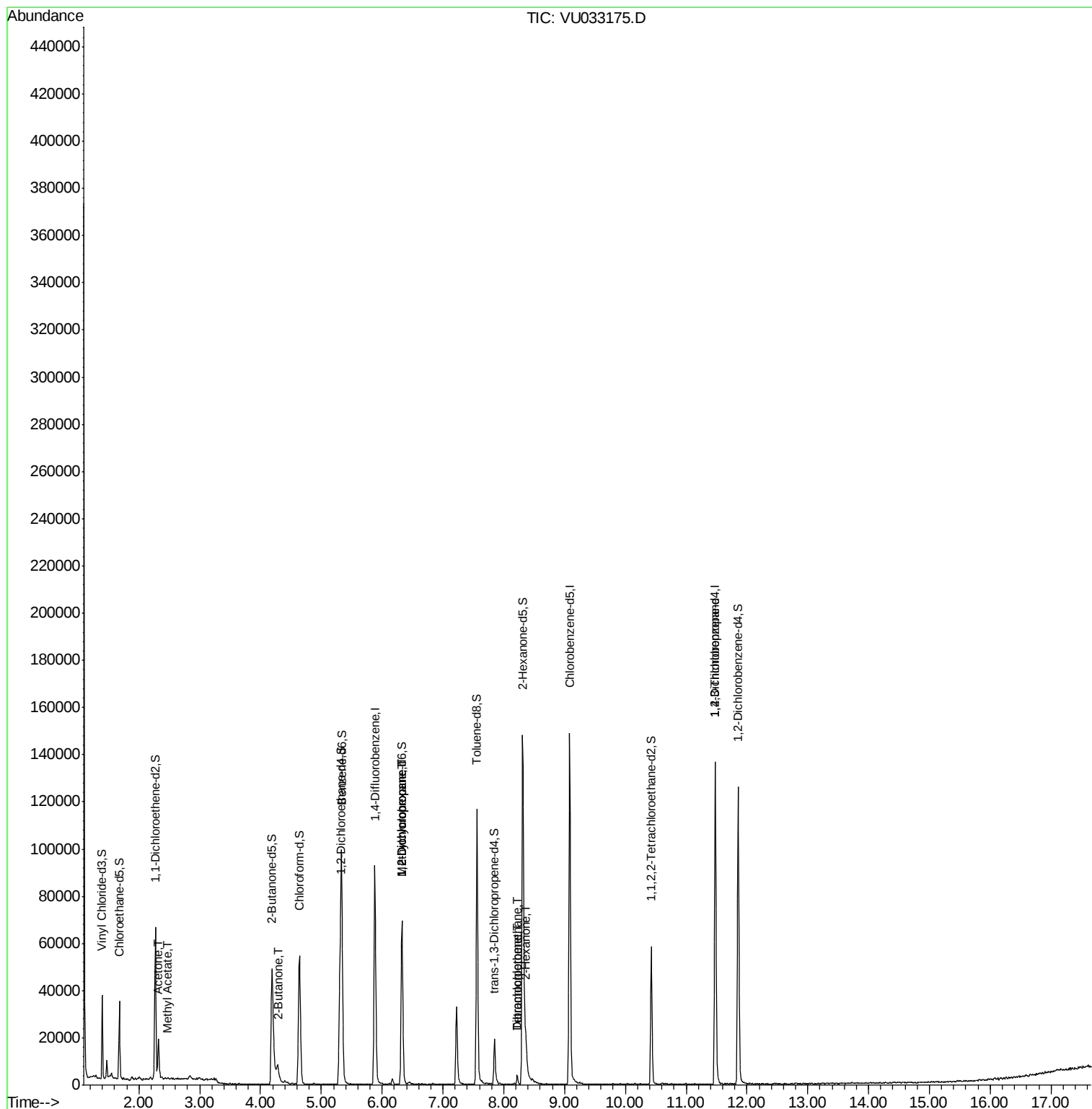
					Qvalue
13) Acetone	2.32	43	18386	14.024 ug/L	97
15) Methyl Acetate	2.46	43	639	0.206 ug/L #	55
21) 2-Butanone	4.28	43	10907	5.752 ug/L	95
35) Methylcyclohexane	6.33	83	7551	0.764 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	3806	0.568 ug/L #	88
47) Tetrachloroethene	8.22	164	854	0.155 ug/L	89
48) 2-Hexanone	8.36	43	9095	2.695 ug/L #	93
49) Dibromochloromethane	8.22	129	665	0.113 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	4612	1.012 ug/L	94

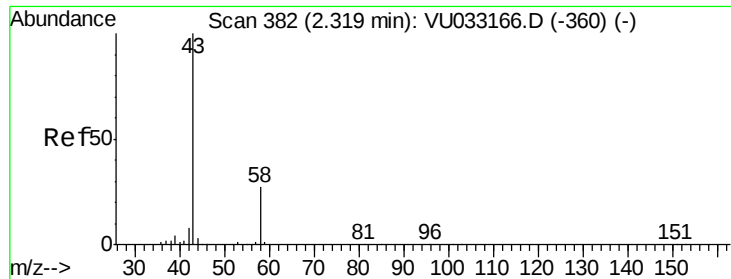
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.024 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 03 Jul 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

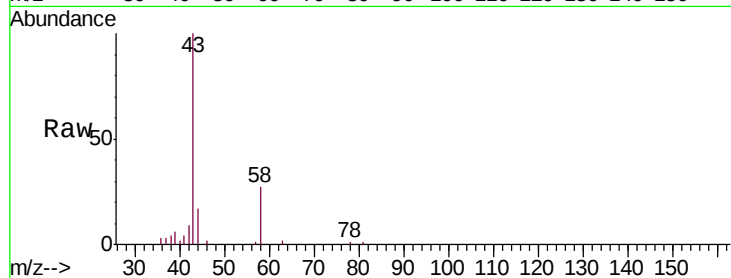
GAM82

Tgt Ion: 43 Resp: 18386

Ion Ratio Lower Upper

43 100

58 26.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033166.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU033166.D (-360) (-)

12000

10000

8000

6000

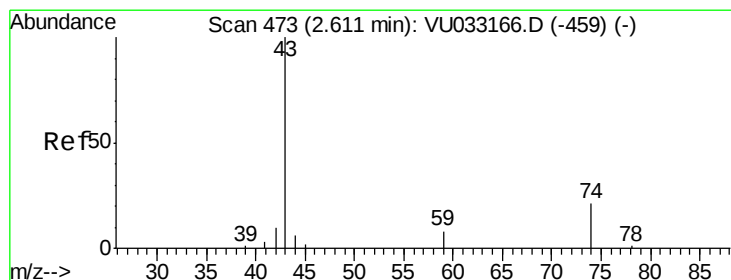
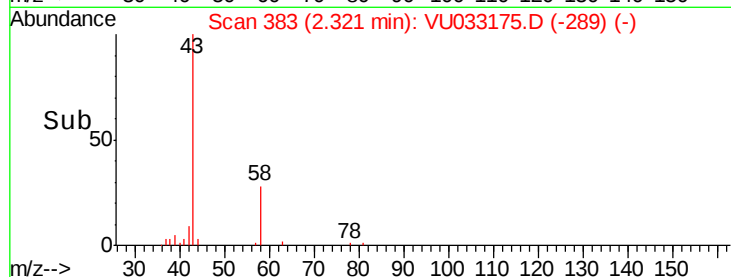
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#15

Methyl Acetate

Concen: 0.206 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.15 min

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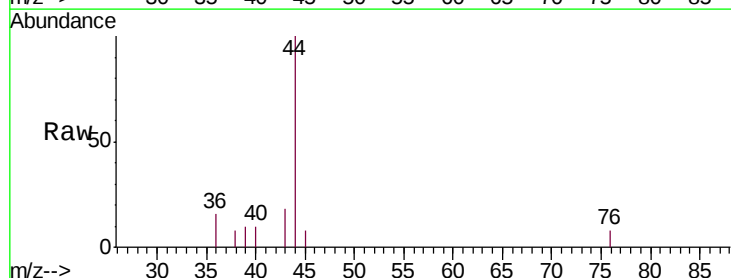
Acq: 03 Jul 2019 16:29

Tgt Ion: 43 Resp: 639

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#



Abundance Ion 43.05 (42.75 to 43.75): VU033166.D (-459) (-)

Ion 74.05 (73.75 to 74.75): VU033166.D (-459) (-)

300

250

200

150

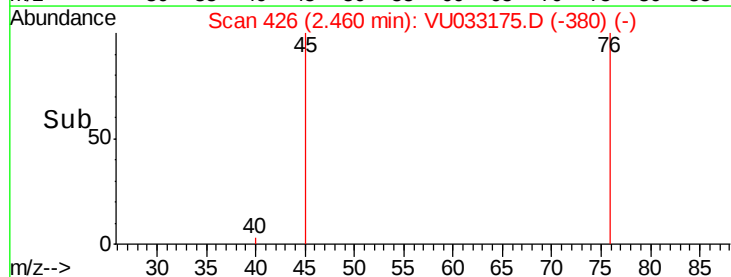
100

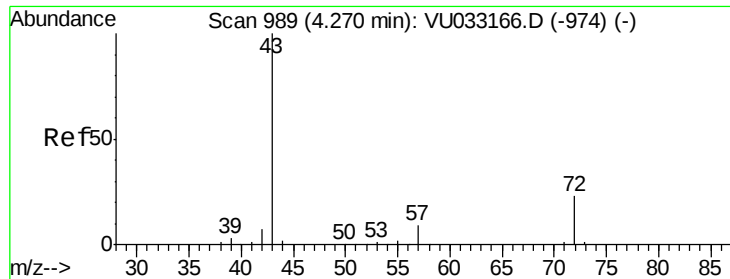
50

0

2.45 2.50

Time-->





#21

2-Butanone

Concen: 5.752 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033175.D

Acq: 03 Jul 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

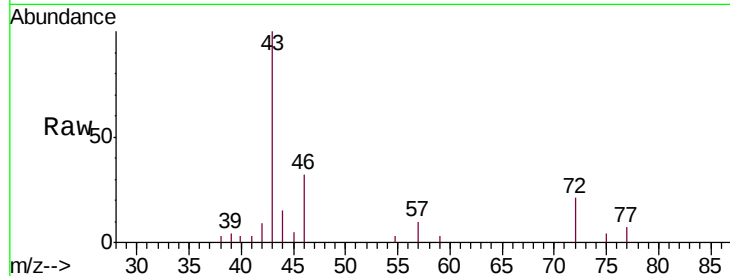
GAM82

Tgt Ion: 43 Resp: 10907

Ion Ratio Lower Upper

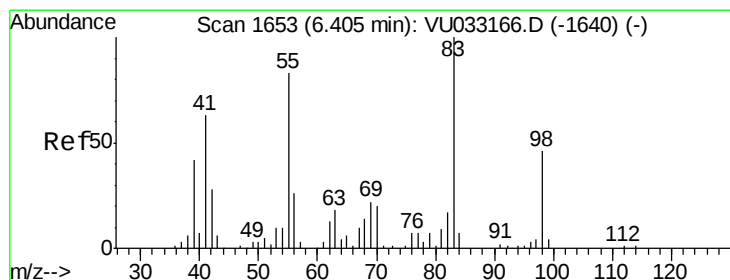
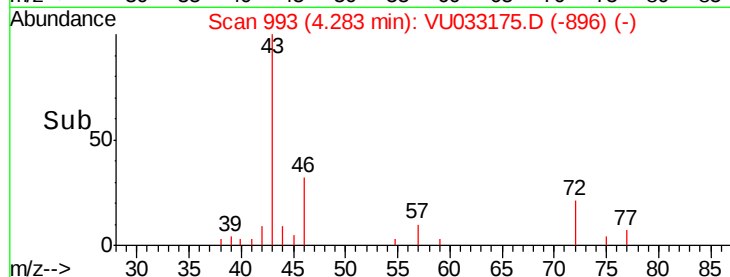
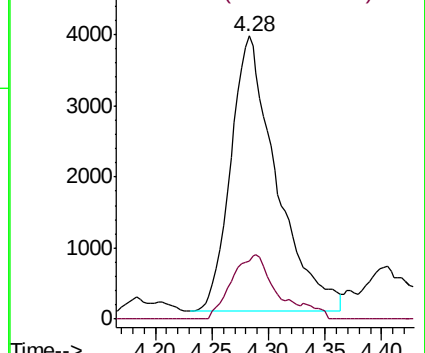
43 100

72 21.7 12.1 36.3



Abundance Ion 43.05 (42.75 to 43.75): VU033166.D (-974) (-)

Ion 72.10 (71.80 to 72.80): VU033166.D (-974) (-)



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU033175.D

Acq: 03 Jul 2019 16:29

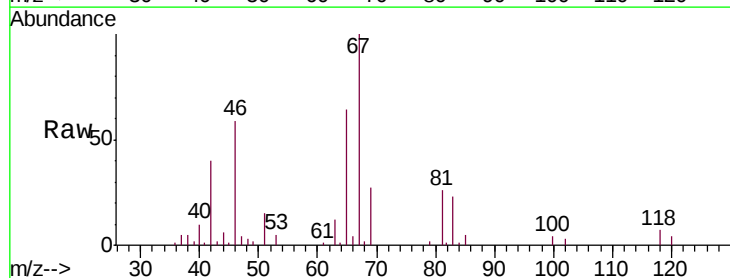
Tgt Ion: 83 Resp: 7551

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

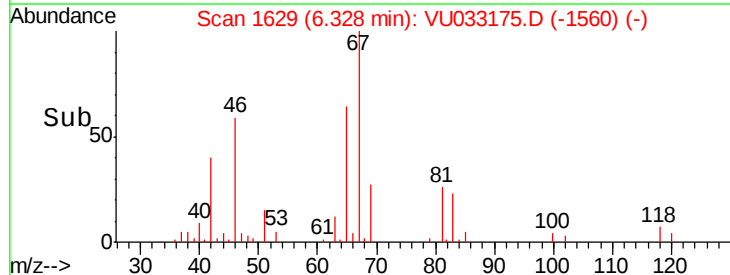
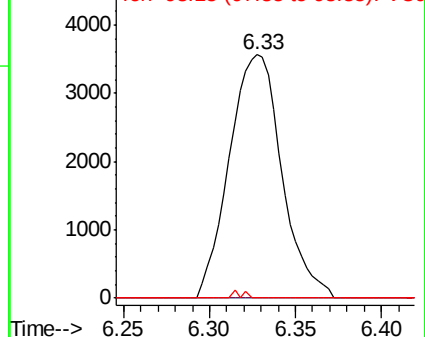
98 0.6 37.1 55.7#

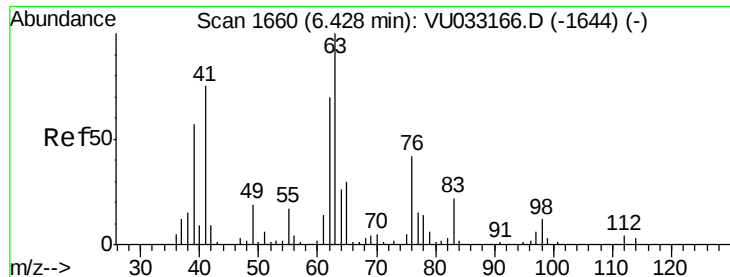


Abundance Ion 83.15 (82.85 to 83.85): VU033166.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU033166.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU033166.D (-1640) (-)

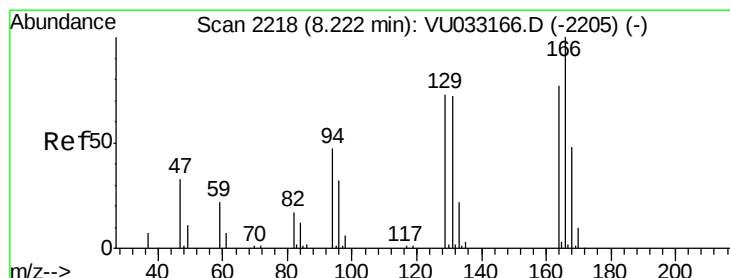
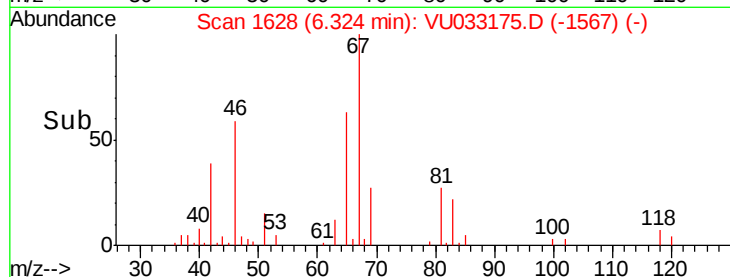
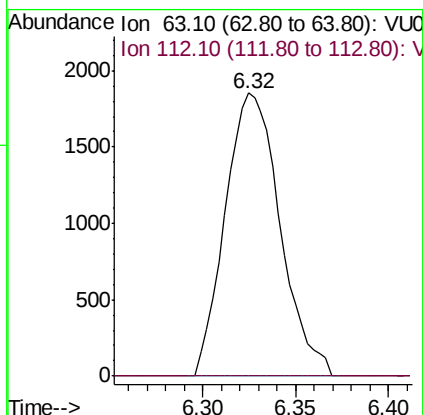
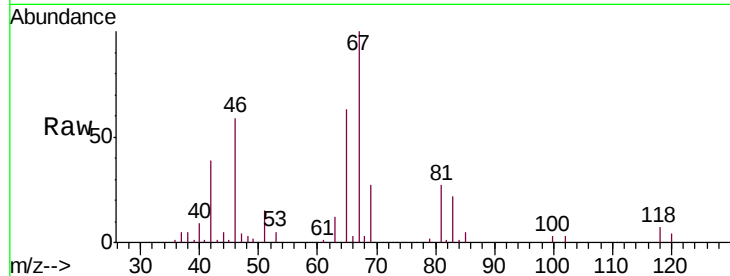




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU033175.D
 Acq: 03 Jul 2019 16:29

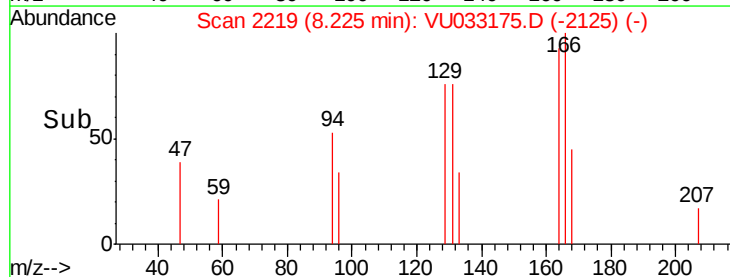
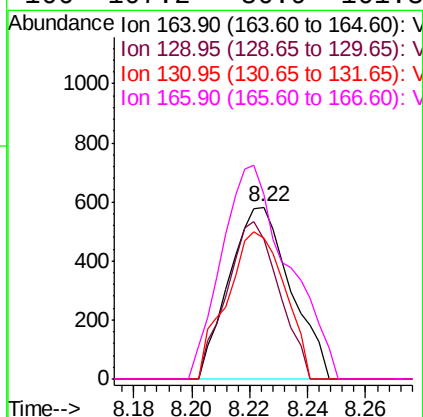
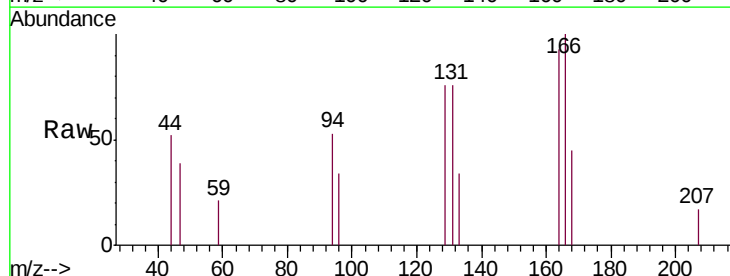
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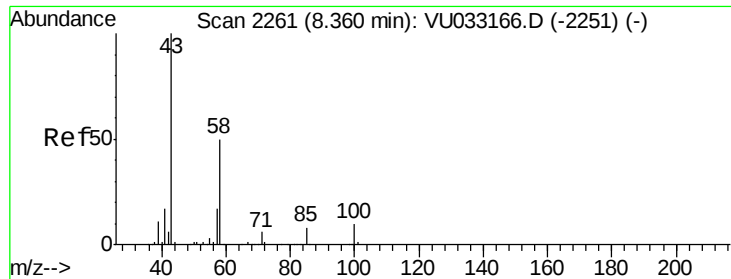
Tgt Ion: 63 Resp: 3806
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#47
 Tetrachloroethene
 Concen: 0.155 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU033175.D
 Acq: 03 Jul 2019 16:29

Tgt Ion:164 Resp: 854
 Ion Ratio Lower Upper
 164 100
 129 81.4 65.3 121.3
 131 81.8 60.3 112.1
 166 107.2 86.9 161.3

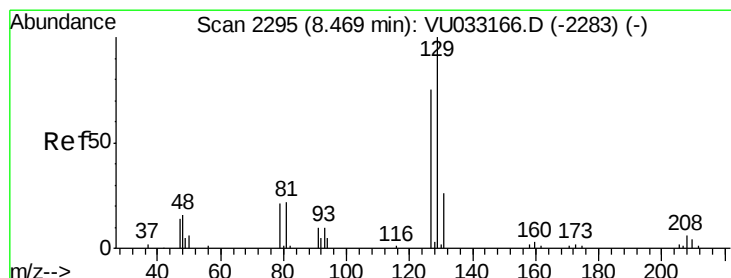
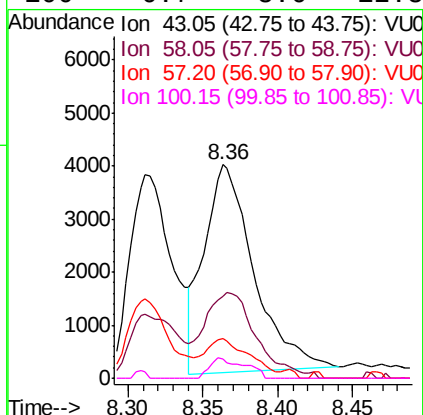
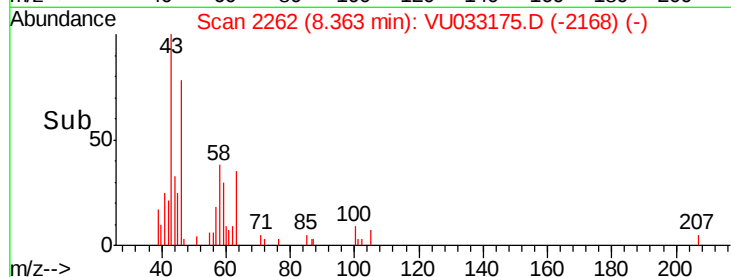
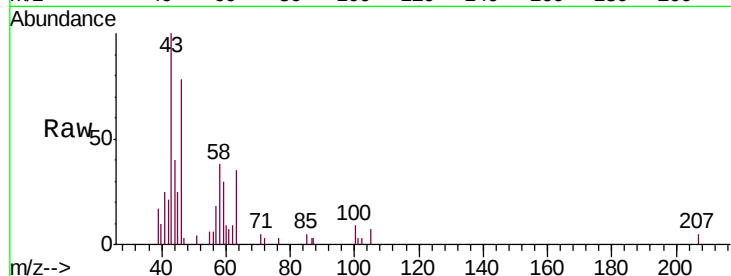




#48
2-Hexanone
Concen: 2.695 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033175.D
Acq: 03 Jul 2019 16:29

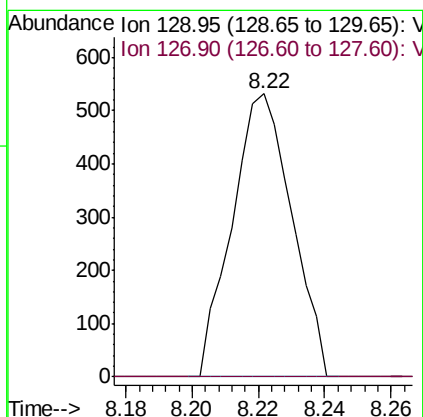
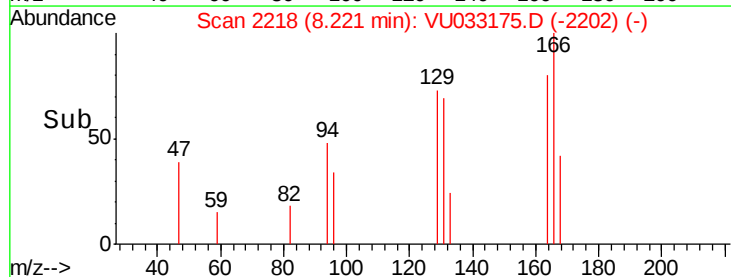
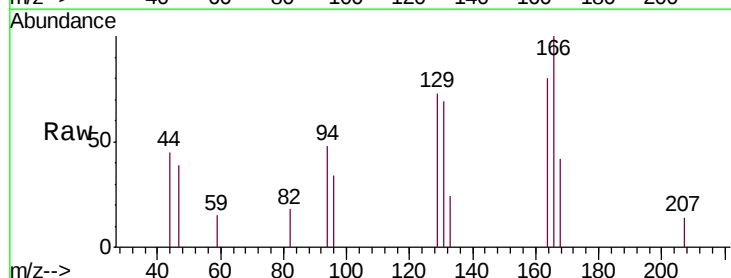
Instrument :
MSVOA_U
ClientSampleId :
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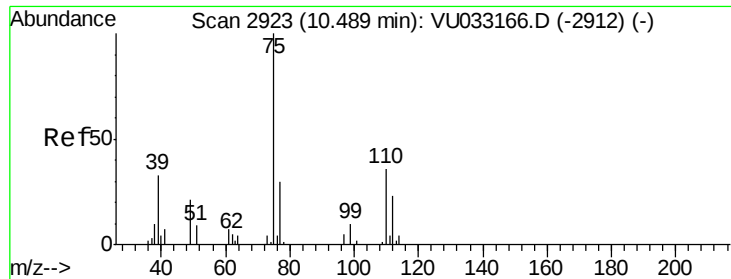
Tgt Ion: 43 Resp: 9095
Ion Ratio Lower Upper
43 100
58 43.1 39.0 58.6
57 17.3 13.9 20.9
100 6.7 8.6 12.8#



#49
Dibromochloromethane
Concen: 0.113 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033175.D
Acq: 03 Jul 2019 16:29

Tgt Ion: 129 Resp: 665
Ion Ratio Lower Upper
129 100
127 0.0 51.6 95.8#





#59

1,2,3-Trichloropropane

Concen: 1.012 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033175.D

Acq: 03 Jul 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

GAM82

Tgt Ion: 75 Resp: 4612

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.8

