

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031326.D
 Acq On : 18 Apr 2019 23:00
 Operator : JC/SP
 Sample : K2451-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMY1

Quant Time: Apr 19 04:43:47 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	178904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89483	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.68	69	80640	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.27	63	142399	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.21	46	278279	72.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.34%#
24) Chloroform-d	4.64	84	162081	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.80%#
26) 1,2-Dichloroethane-d4	5.31	65	71648	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.34	84	235741	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.33	67	79291	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.56	98	193958	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	27353	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.31	63	175447	61.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65232	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	85606	6.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.20%#

Target Compounds

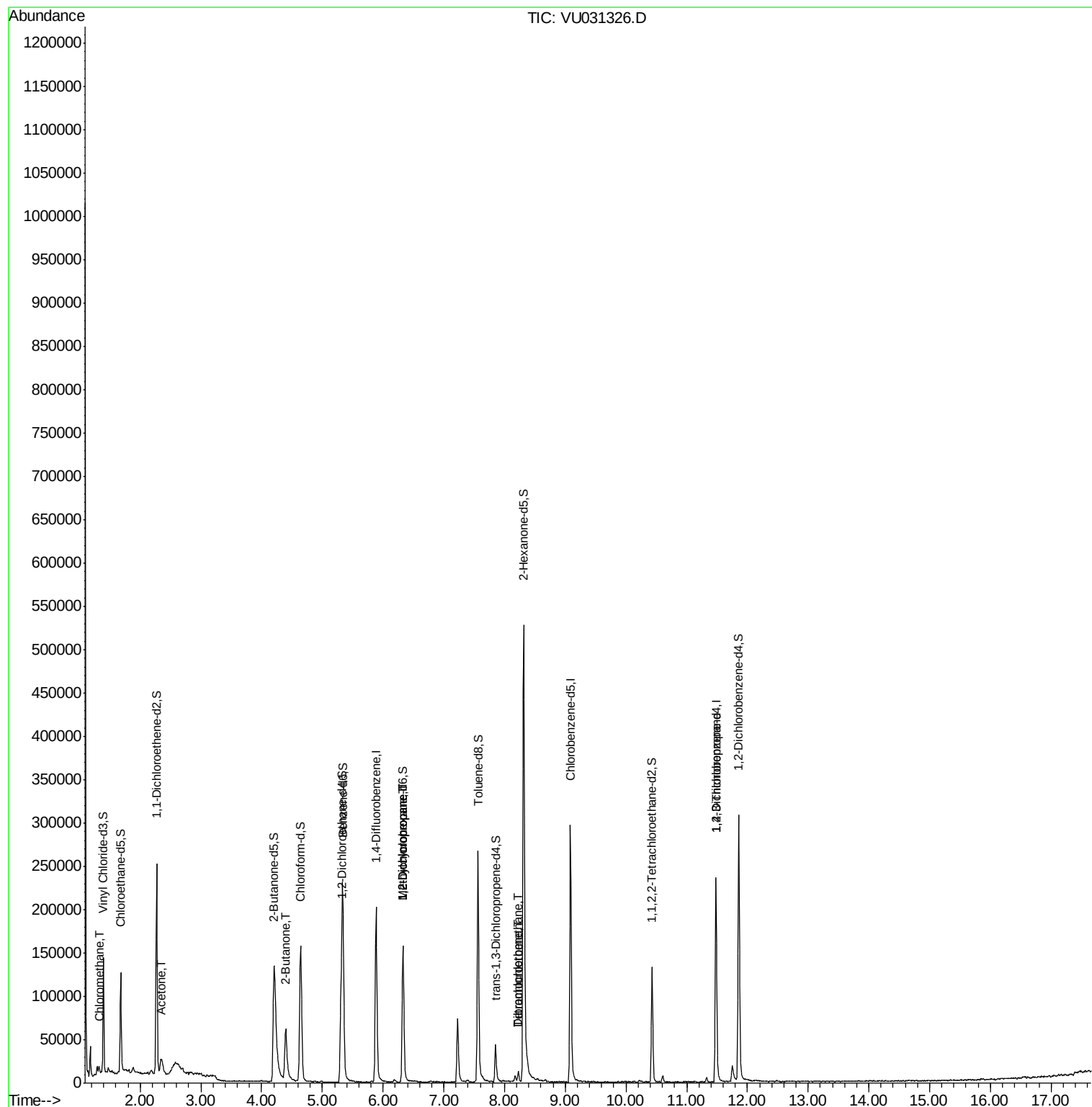
					Qvalue
3) Chloromethane	1.32	50	3998	0.144 ug/L	86
13) Acetone	2.35	43	25388	5.918 ug/L	99
21) 2-Butanone	4.40	43	94116	21.347 ug/L #	52
35) Methylcyclohexane	6.33	83	19227	0.861 ug/L #	14
37) 1,2-Dichloropropane	6.32	63	8301	0.525 ug/L #	87
47) Tetrachloroethene	8.23	164	2541	0.210 ug/L	94
49) Dibromochloromethane	8.22	129	2497	0.185 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	7510	0.727 ug/L	93

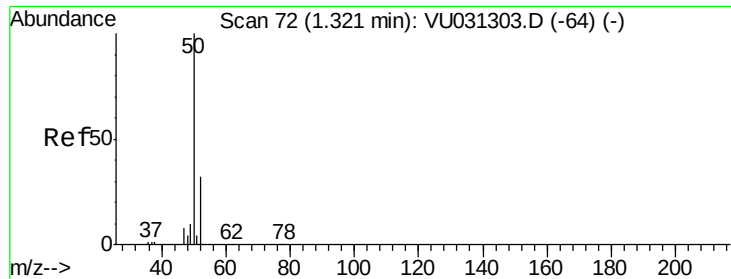
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.144 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU031326.D

Acq: 18 Apr 2019 23:00

Instrument :

MSVOA_U

ClientSampleId :

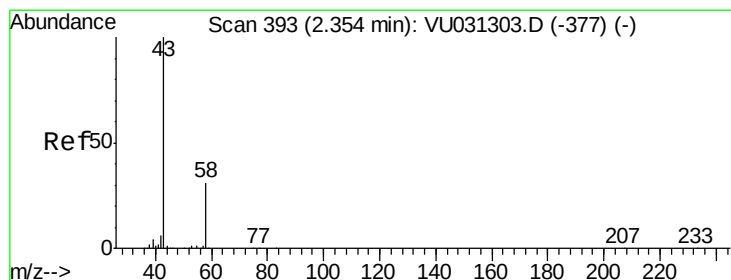
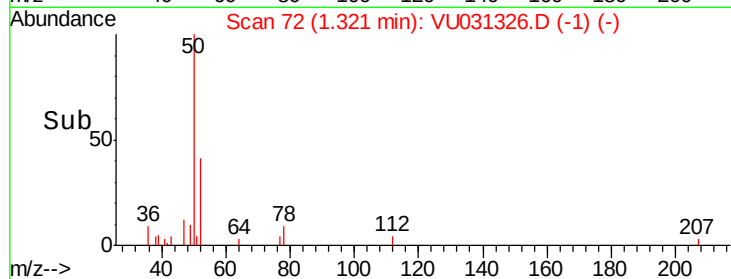
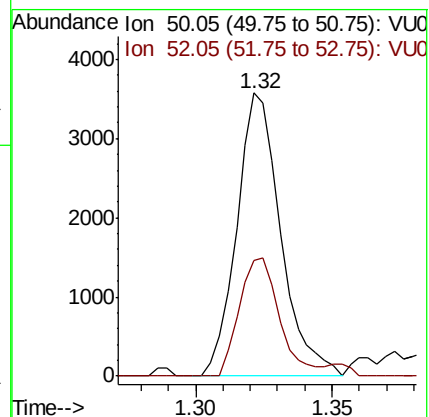
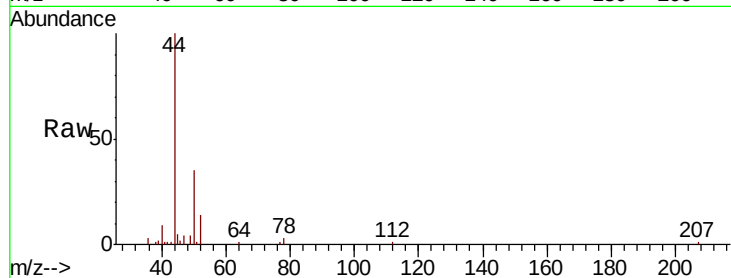
YAMY1

Tgt Ion: 50 Resp: 3998

Ion Ratio Lower Upper

50 100

52 41.1 23.2 43.2



#13

Acetone

Concen: 5.918 ug/L

RT: 2.35 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU031326.D

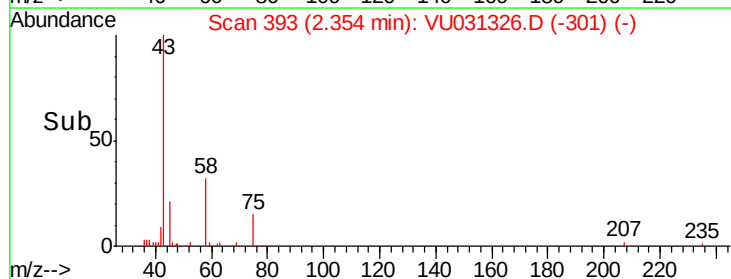
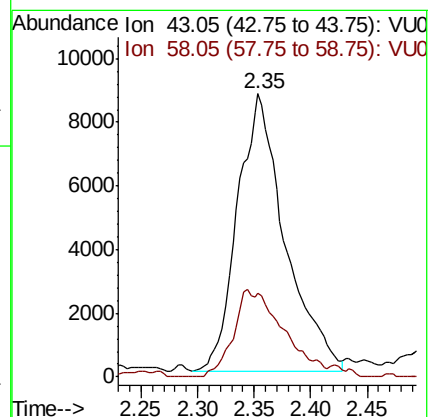
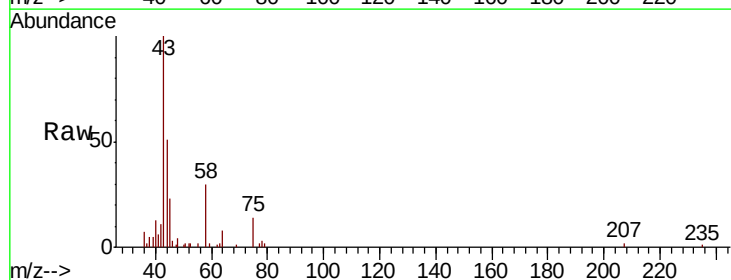
Acq: 18 Apr 2019 23:00

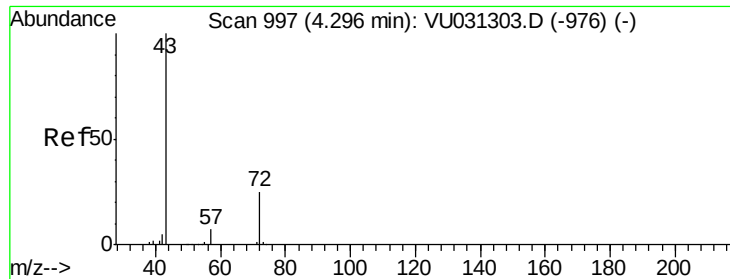
Tgt Ion: 43 Resp: 25388

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.4

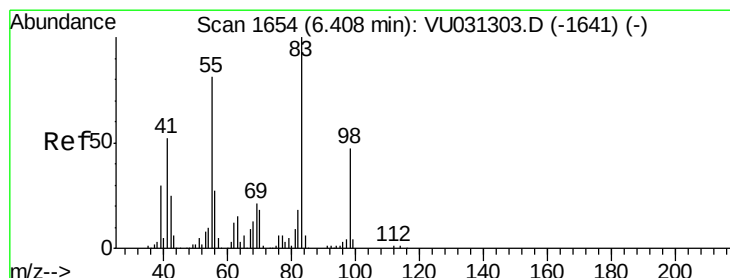
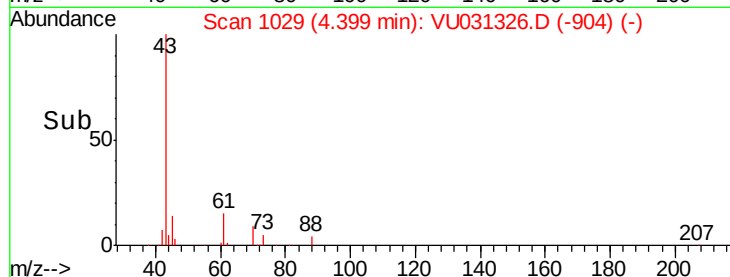
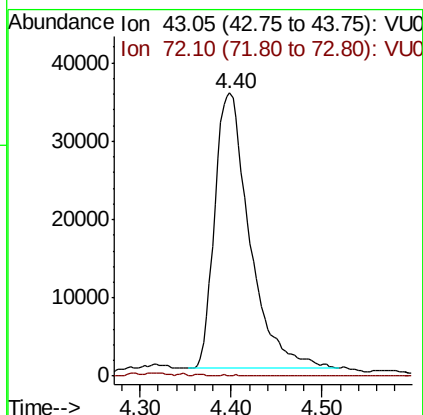
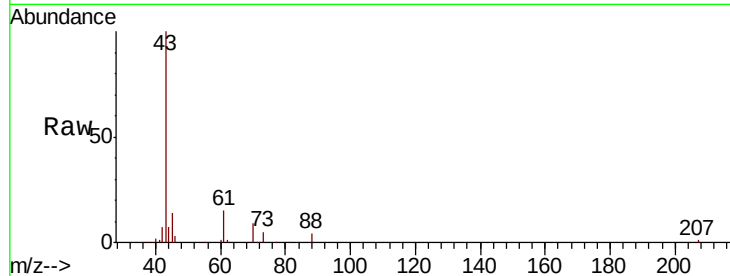




#21
 2-Butanone
 Concen: 21.347 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. 0.10 min
 Lab File: VU031326.D
 Acq: 18 Apr 2019 23:00

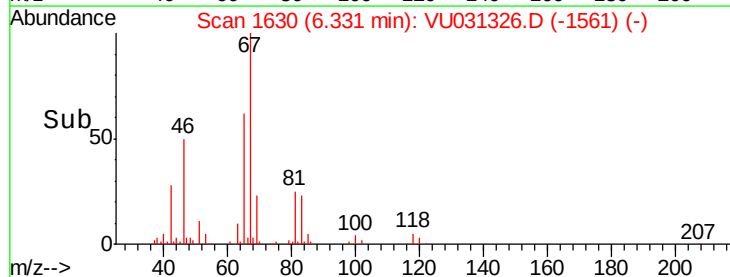
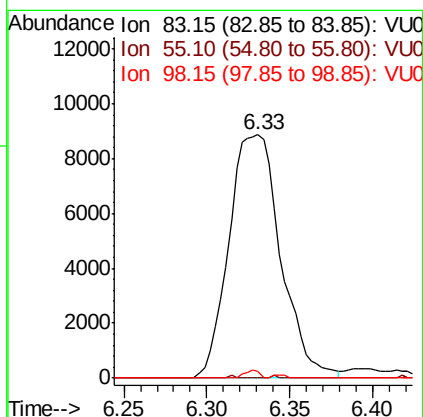
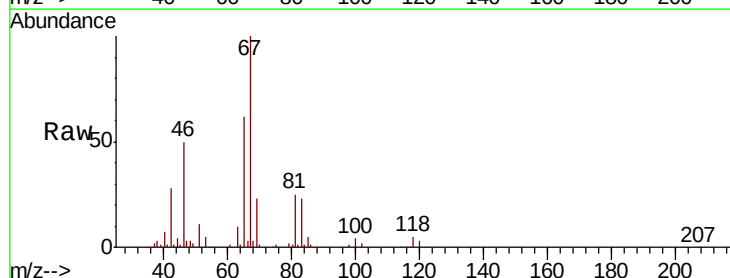
Instrument :
 MSVOA_U
 ClientSampleId :
 YAMY1

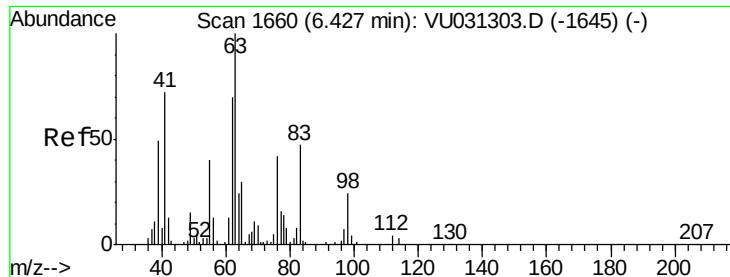
Tgt Ion: 43 Resp: 94116
 Ion Ratio Lower Upper
 43 100
 72 0.1 11.8 35.4#



#35
 Methylcyclohexane
 Concen: 0.861 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.08 min
 Lab File: VU031326.D
 Acq: 18 Apr 2019 23:00

Tgt Ion: 83 Resp: 19227
 Ion Ratio Lower Upper
 83 100
 55 0.1 70.6 105.8#
 98 0.9 37.0 55.4#

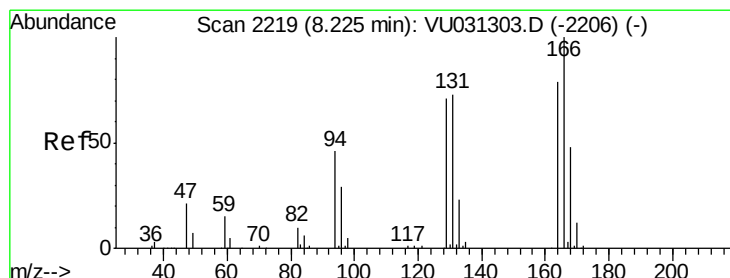
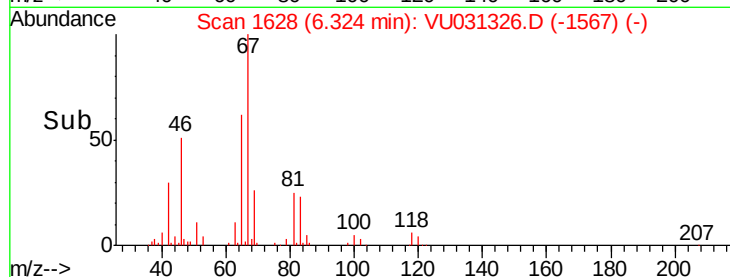
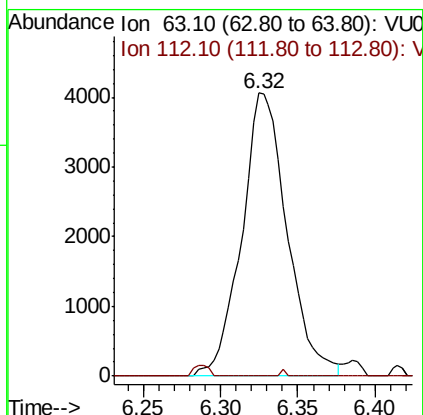
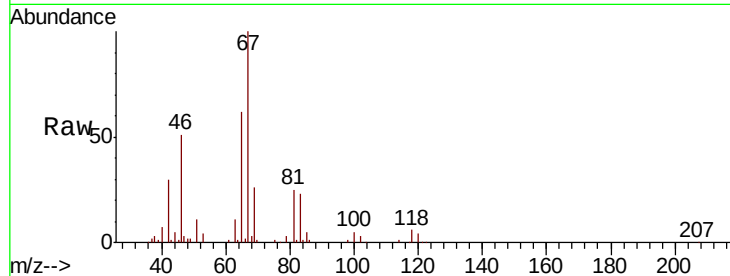




#37
 1,2-Dichloropropane
 Concen: 0.525 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU031326.D
 Acq: 18 Apr 2019 23:00

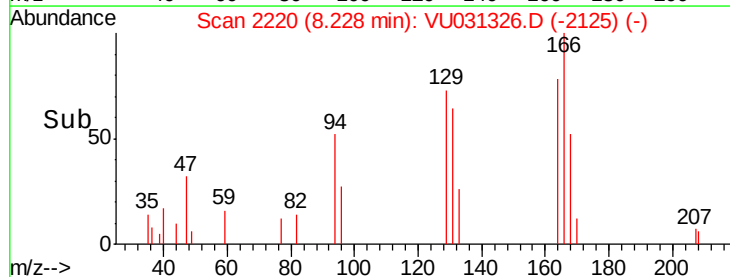
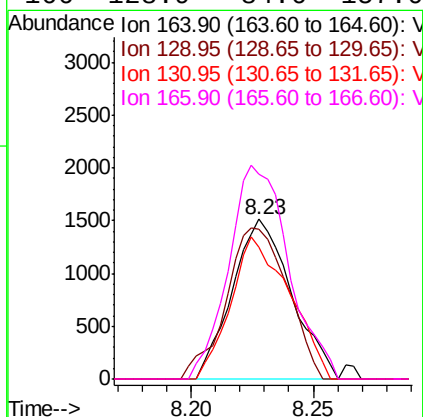
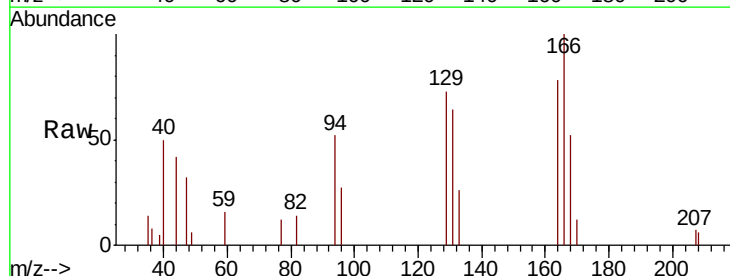
Instrument :
 MSVOA_U
 ClientSampleId :
 YAMY1

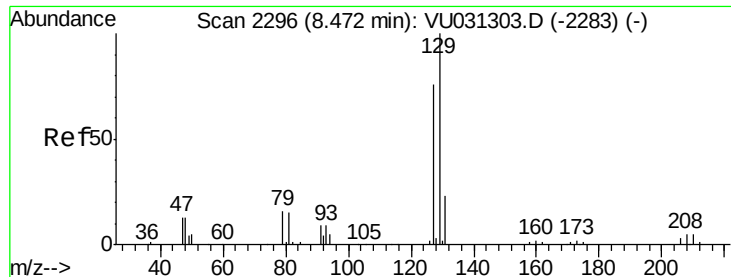
Tgt Ion: 63 Resp: 8301
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.5 5.3#



#47
 Tetrachloroethene
 Concen: 0.210 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU031326.D
 Acq: 18 Apr 2019 23:00

Tgt Ion: 164 Resp: 2541
 Ion Ratio Lower Upper
 164 100
 129 93.9 61.9 114.9
 131 82.9 61.5 114.3
 166 128.9 84.6 157.0





#49

Dibromochloromethane

Concen: 0.185 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031326.D

Acq: 18 Apr 2019 23:00

Instrument :

MSVOA_U

ClientSampleId :

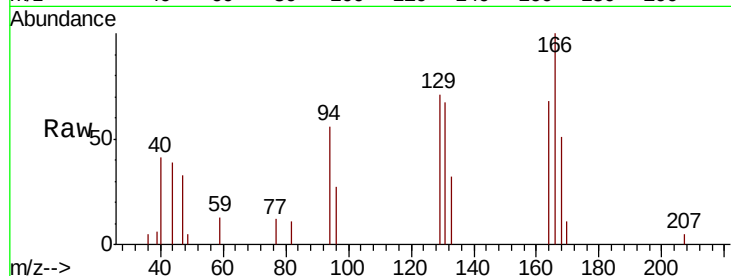
YAMY1

Tgt Ion:129 Resp: 2497

Ion Ratio Lower Upper

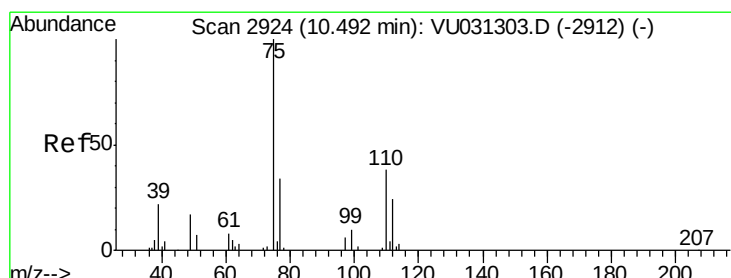
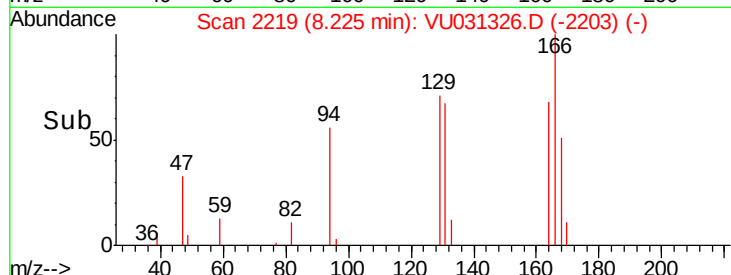
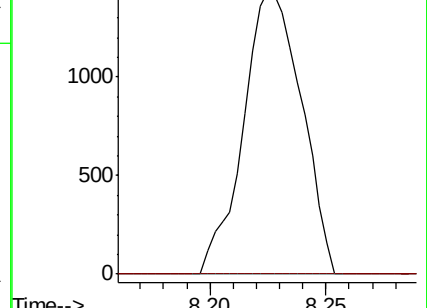
129 100

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: 0.727 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031326.D

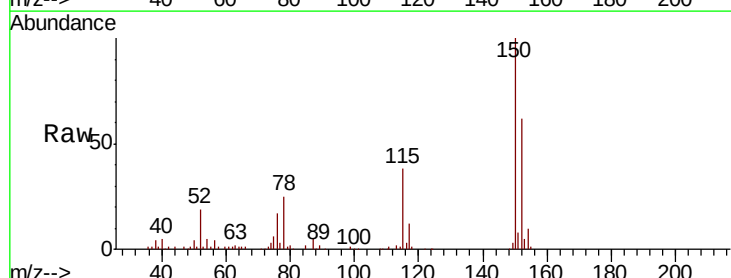
Acq: 18 Apr 2019 23:00

Tgt Ion: 75 Resp: 7510

Ion Ratio Lower Upper

75 100

77 37.9 27.0 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

