

Data File : VU033170.D
Acq On : 03 Jul 2019 14:03
Operator : JC/SP
Sample : K3598-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM82

Quant Time: Jul 04 01:23:31 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	81066	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36831	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36682	7.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	156.40%#
7) Chloroethane-d5	1.68	69	29328	6.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.60%#
11) 1,1-Dichloroethene-d2	2.27	63	54355	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.19	46	98817	57.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.68%
24) Chloroform-d	4.64	84	64157	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.31	65	38155	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.33	84	119806	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.20%
36) 1,2-Dichloropropane-d6	6.32	67	39458	5.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.00%
41) Toluene-d8	7.56	98	99913	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.85	79	14413	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.31	63	57995	48.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31916	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	39258	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

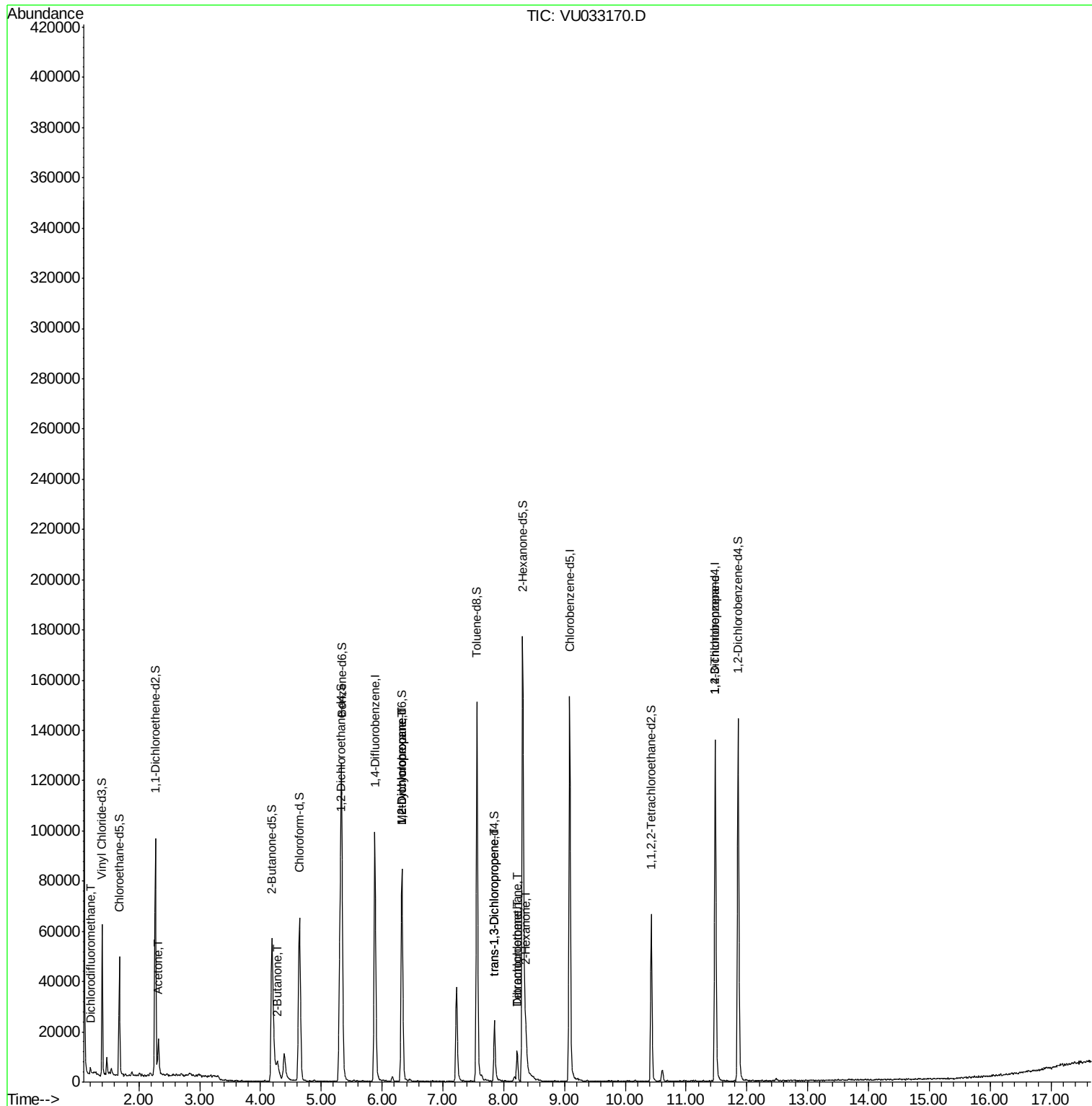
					Qvalue
2) Dichlorodifluoromethane	1.20	85	1060	0.128 ug/L	99
13) Acetone	2.32	43	14888	10.841 ug/L	99
21) 2-Butanone	4.28	43	9229	4.646 ug/L	99
35) Methylcyclohexane	6.32	83	9056	0.904 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	4798	0.706 ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	646	0.081 ug/L #	77
47) Tetrachloroethene	8.22	164	2722	0.487 ug/L	97
48) 2-Hexanone	8.36	43	9994	2.922 ug/L #	93
49) Dibromochloromethane	8.22	129	2571	0.432 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	4938	1.069 ug/L #	88

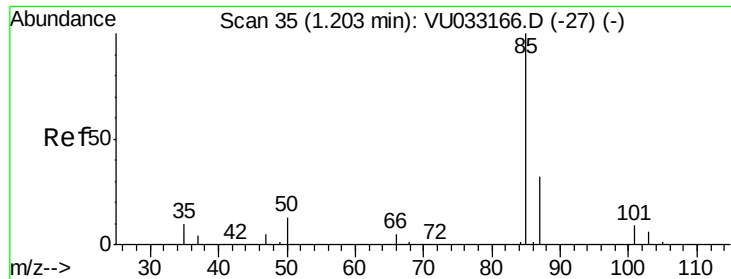
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.128 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU033170.D

Acq: 03 Jul 2019 14:03

Instrument :

MSVOA_U

ClientSampleId :

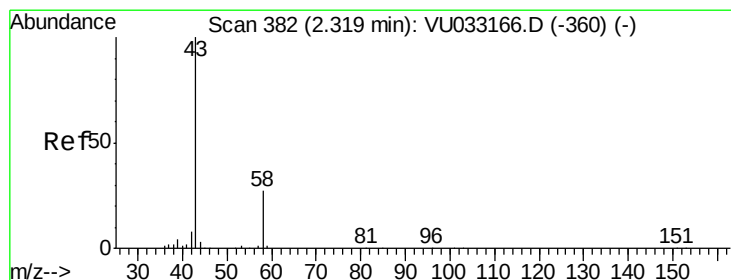
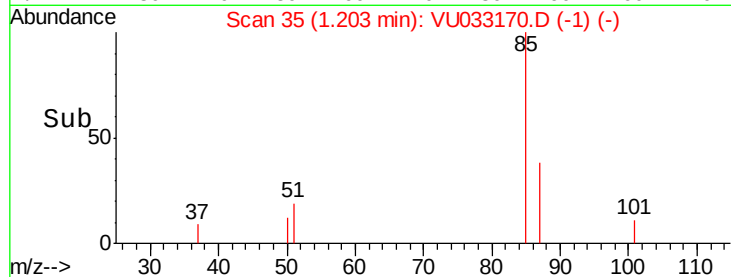
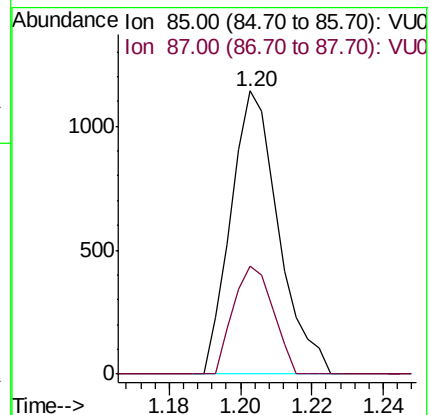
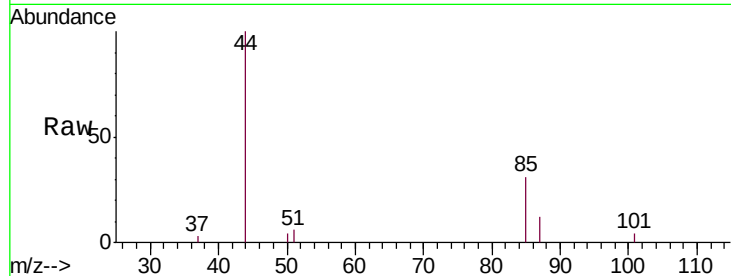
GAM82

Tgt Ion: 85 Resp: 1060

Ion Ratio Lower Upper

85 100

87 31.7 25.8 38.8



#13

Acetone

Concen: 10.841 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033170.D

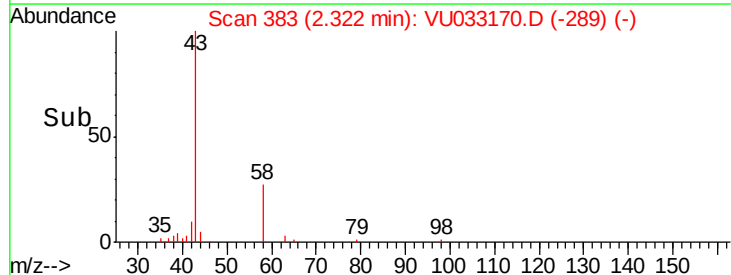
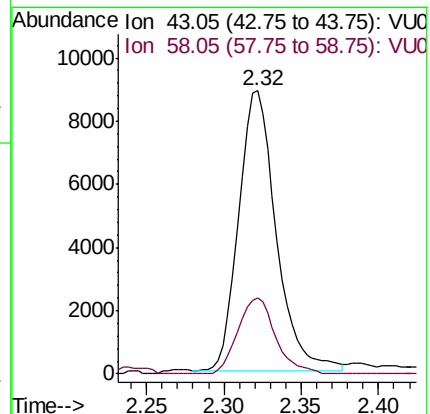
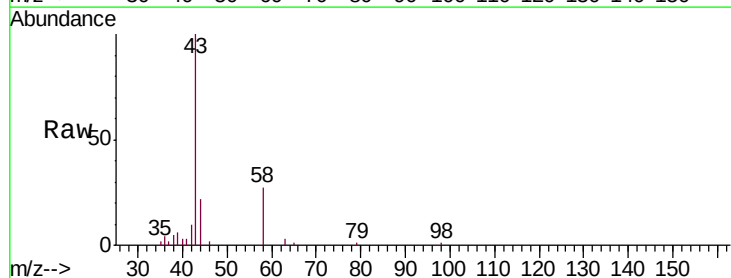
Acq: 03 Jul 2019 14:03

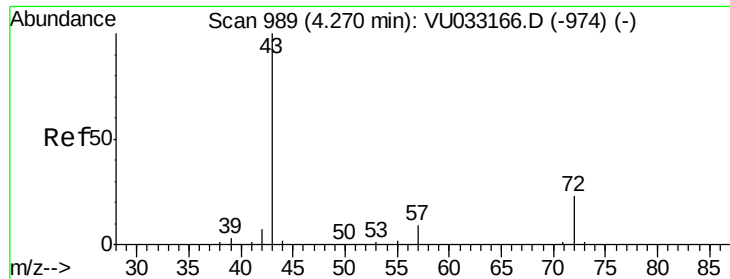
Tgt Ion: 43 Resp: 14888

Ion Ratio Lower Upper

43 100

58 27.3 0.0 55.4





#21

2-Butanone

Concen: 4.646 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU033170.D

Acq: 03 Jul 2019 14:03

Instrument :

MSVOA_U

ClientSampleId :

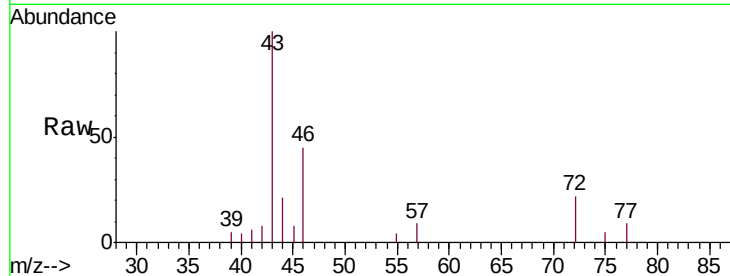
GAM82

Tgt Ion: 43 Resp: 9229

Ion Ratio Lower Upper

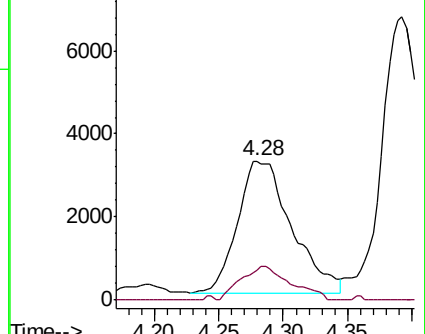
43 100

72 23.8 12.1 36.3

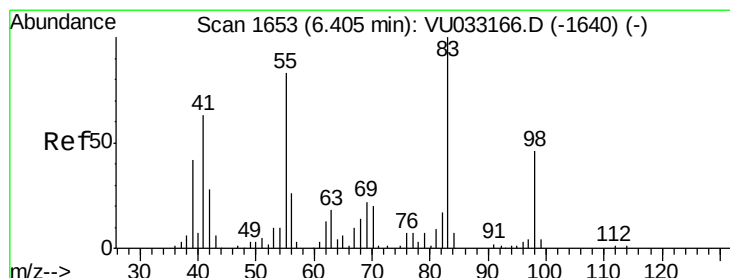
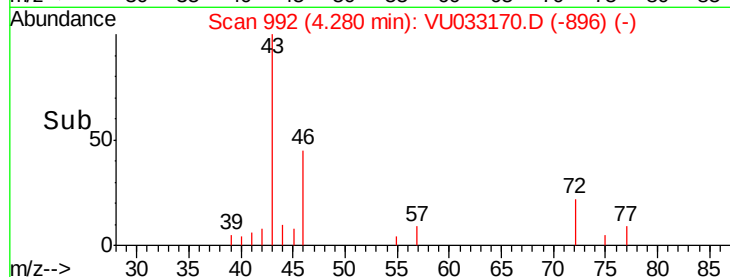


Abundance Ion 43.05 (42.75 to 43.75): VU033166.D (-974) (-)

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



Time-->



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033170.D

Acq: 03 Jul 2019 14:03

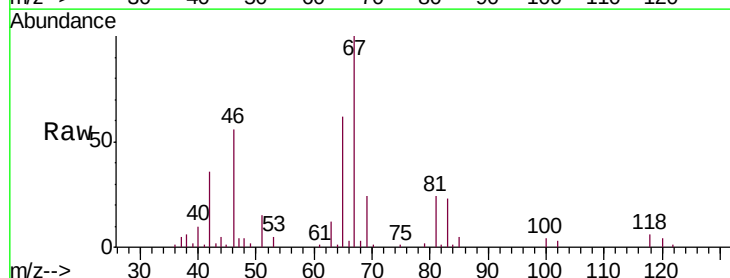
Tgt Ion: 83 Resp: 9056

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

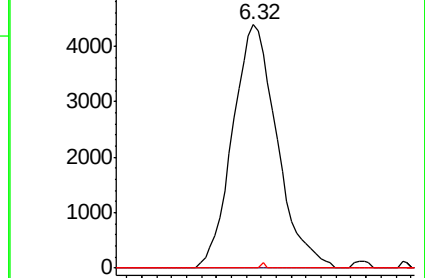
98 0.2 37.1 55.7#



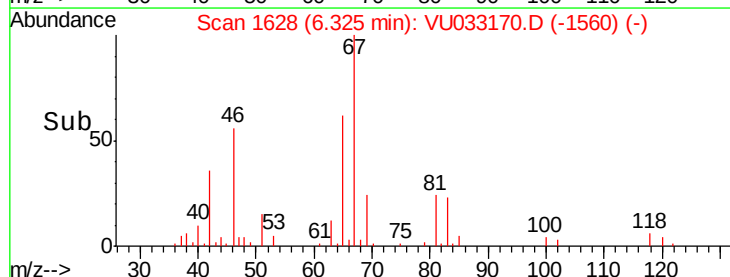
Abundance Ion 83.15 (82.85 to 83.85): VU033166.D (-1640) (-)

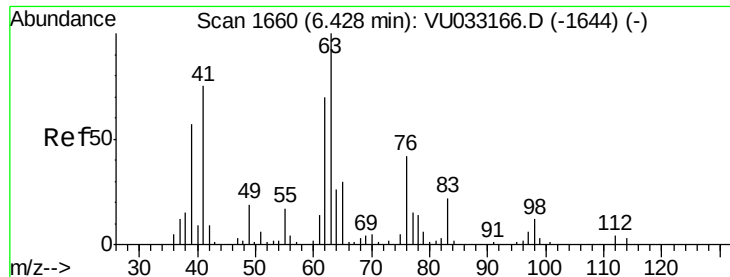
Ion 55.10 (54.80 to 55.80): VU033166.D (-1640) (-)

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



Time-->

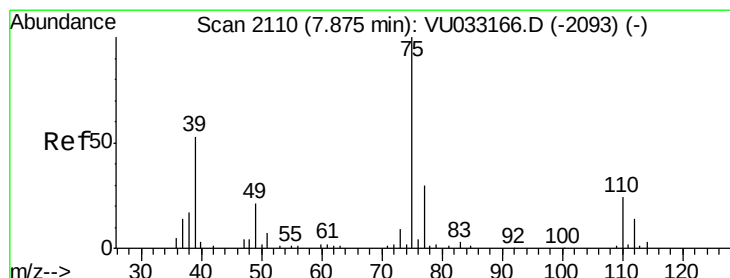
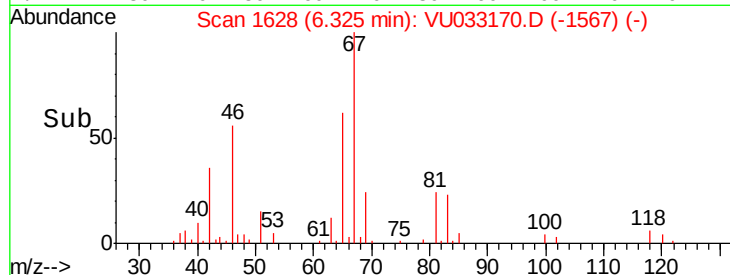
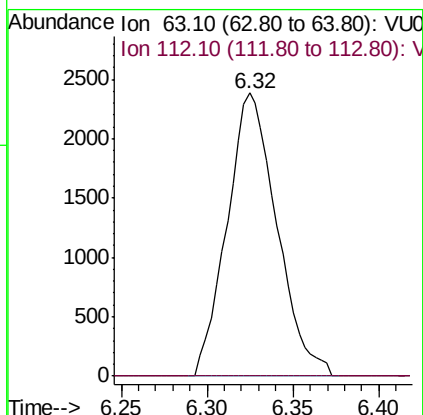
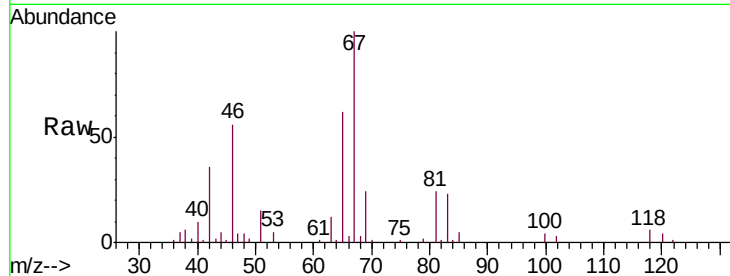




#37
 1,2-Dichloropropane
 Concen: 0.706 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU033170.D
 Acq: 03 Jul 2019 14:03

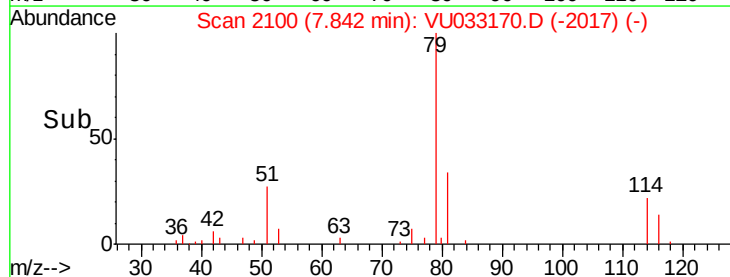
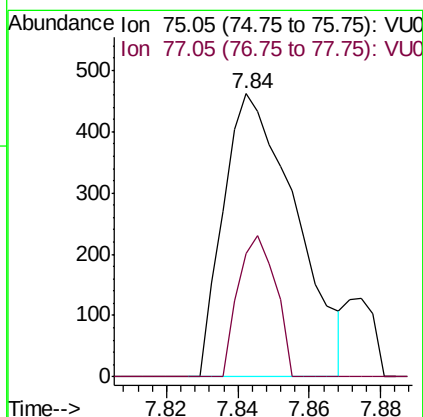
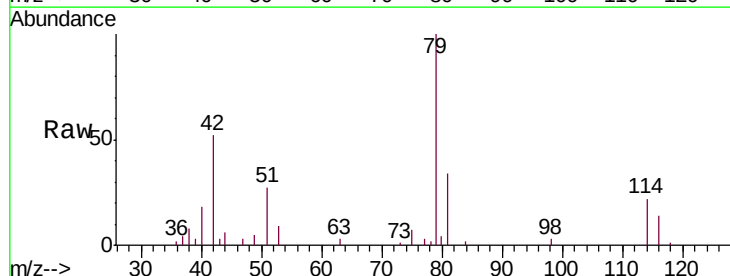
Instrument :
 MSVOA_U
 ClientSampled :
 GAM82

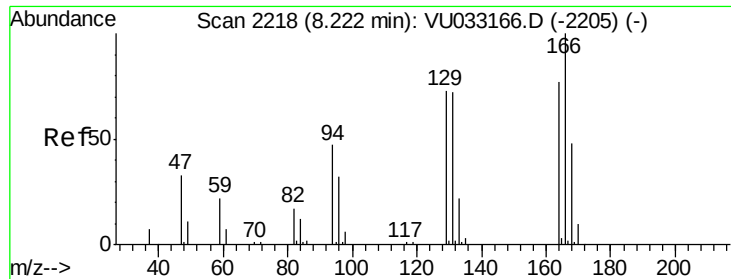
Tgt Ion: 63 Resp: 4798
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU033170.D
 Acq: 03 Jul 2019 14:03

Tgt Ion: 75 Resp: 646
 Ion Ratio Lower Upper
 75 100
 77 43.7 21.6 40.2#

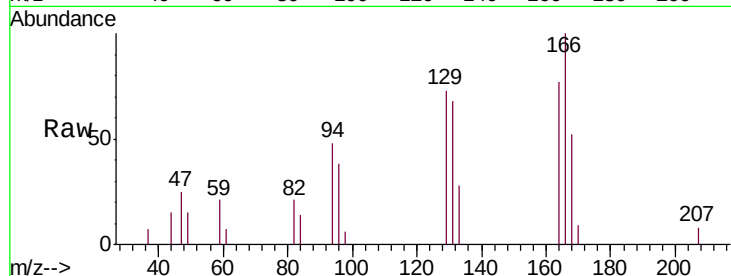




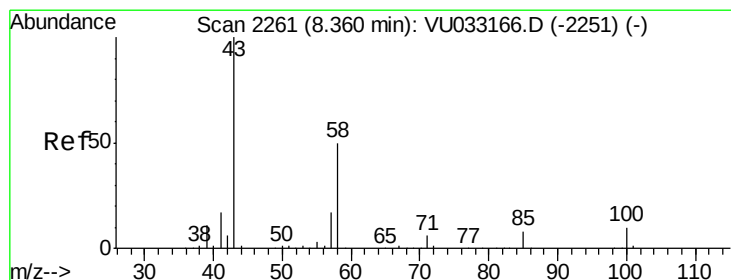
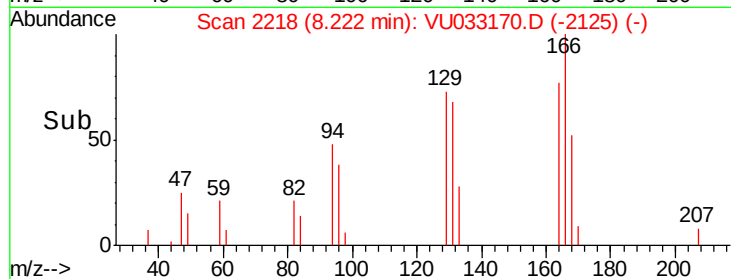
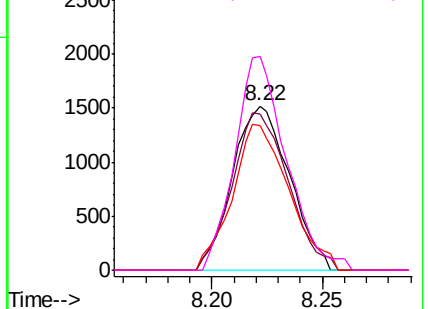
#47
Tetrachloroethene
Concen: 0.487 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU033170.D
Acq: 03 Jul 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
GAM82

Tgt Ion:164 Resp: 2722
Ion Ratio Lower Upper
164 100
129 95.3 65.3 121.3
131 87.9 60.3 112.1
166 130.0 86.9 161.3

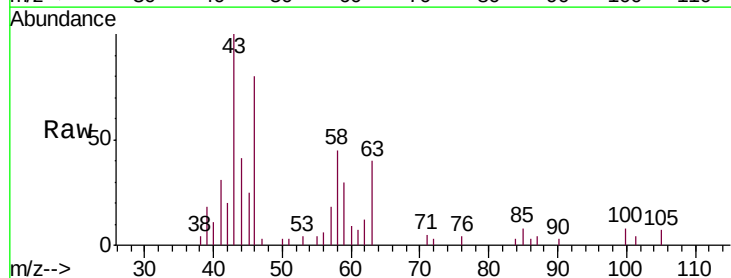


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

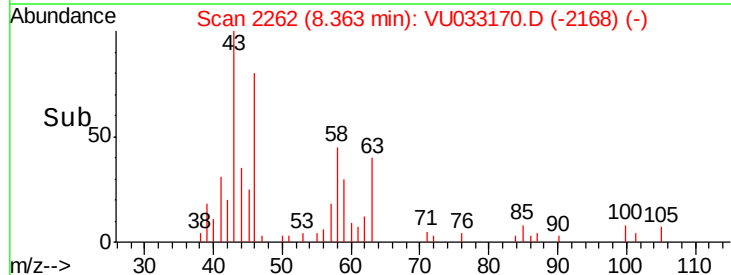
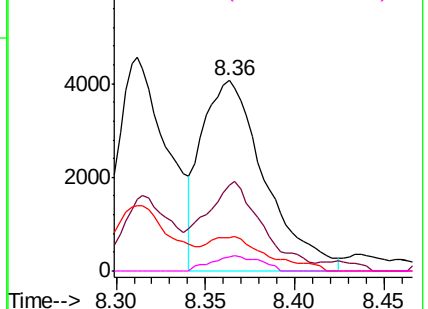


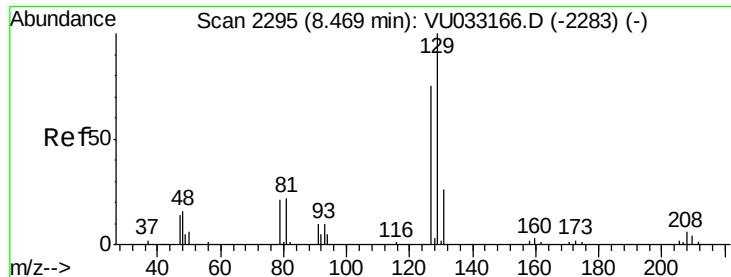
#48
2-Hexanone
Concen: 2.922 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033170.D
Acq: 03 Jul 2019 14:03

Tgt Ion: 43 Resp: 9994
Ion Ratio Lower Upper
43 100
58 43.4 39.0 58.6
57 16.7 13.9 20.9
100 6.1 8.6 12.8#



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

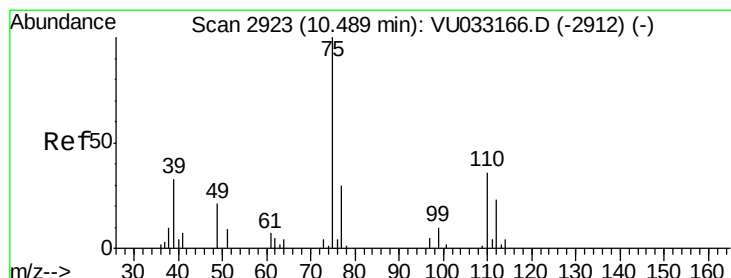
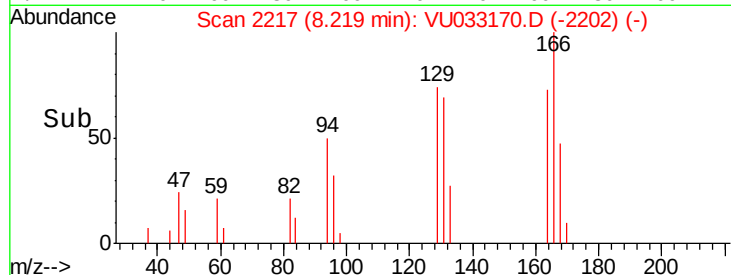
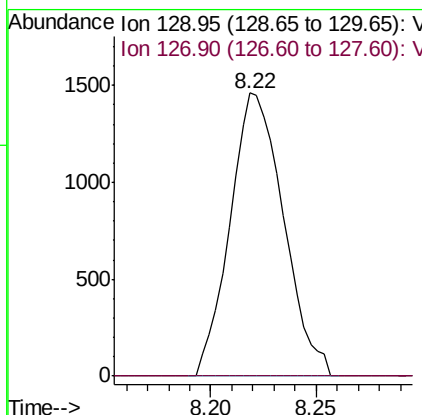
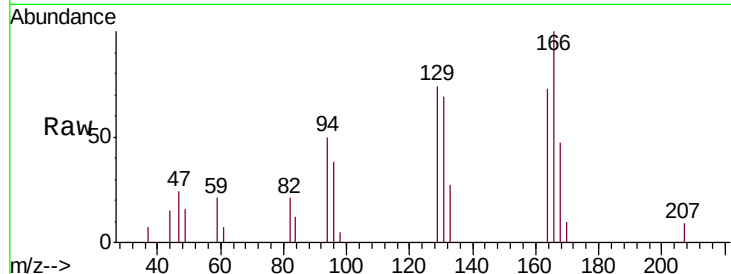




#49
 Dibromochloromethane
 Concen: 0.432 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. -0.25 min
 Lab File: VU033170.D
 Acq: 03 Jul 2019 14:03

Instrument :
 MSVOA_U
 ClientSampled :
 GAM82

Tgt Ion: 129 Resp: 2571
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.6 95.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.069 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU033170.D
 Acq: 03 Jul 2019 14:03

Tgt Ion: 75 Resp: 4938
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.8 38.8#

