

Data File : VU033085.D
Acq On : 28 Jun 2019 21:07
Operator : JC/SP
Sample : K3597-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM66

Quant Time: Jun 29 01:03:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	82137	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	86218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35683	6.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.60%#
7) Chloroethane-d5	1.68	69	27291	6.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.20%
11) 1,1-Dichloroethene-d2	2.27	63	53821	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.19	46	88785	53.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.64	84	61138	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.30	65	33750	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.33	84	113993	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.32	67	35979	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	99119	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	14312	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.31	63	58562	48.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29543	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	39011	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

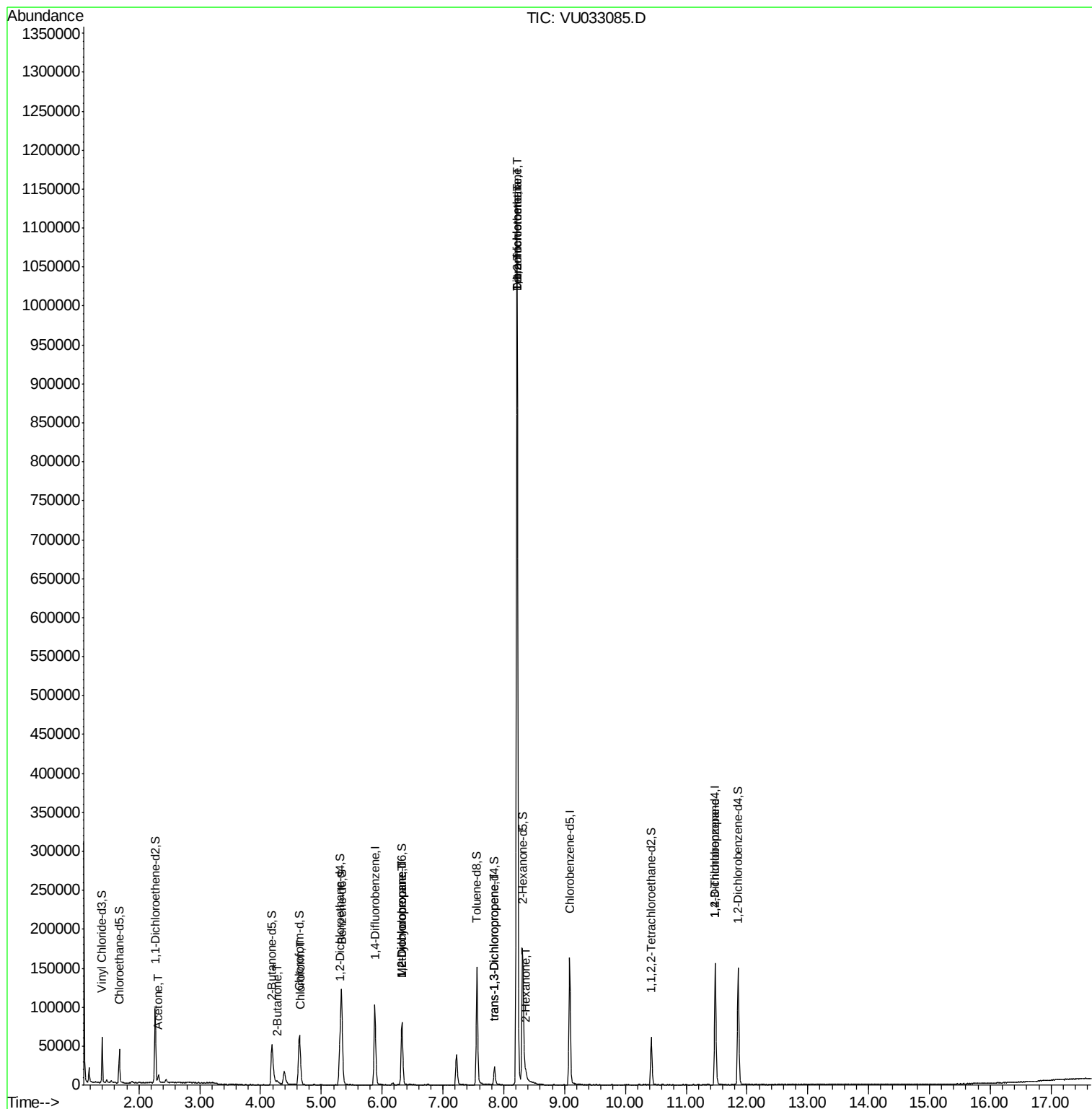
					Qvalue
13) Acetone	2.32	43	9980	7.135	ug/L 97
21) 2-Butanone	4.29	43	5145	2.613	ug/L 96
25) Chloroform	4.67	83	3081	0.258	ug/L 94
35) Methylcyclohexane	6.32	83	8379	0.808	ug/L # 17
37) 1,2-Dichloropropane	6.32	63	4278	0.628	ug/L # 87
44) trans-1,3-Dichloropropene	7.84	75	686	0.085	ug/L 88
45) 1,1,2-Trichloroethane	8.22	97	2218	0.464	ug/L # 9
47) Tetrachloroethene	8.22	164	237173	42.355	ug/L 99
48) 2-Hexanone	8.36	43	6300	1.874	ug/L # 97
49) Dibromochloromethane	8.22	129	221622	36.543	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	5128	1.124	ug/L # 82

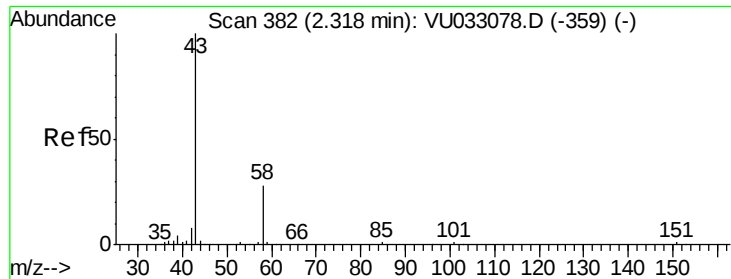
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.135 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 28 Jun 2019 21:07

Instrument :

MSVOA_U

ClientSampleId :

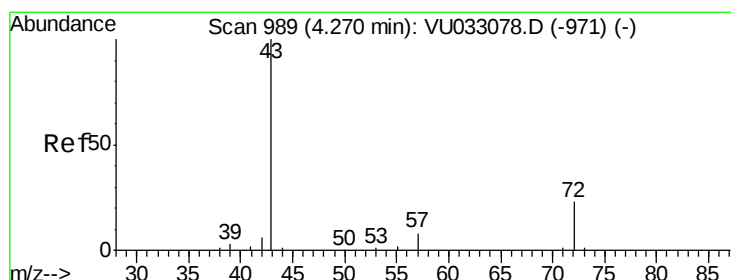
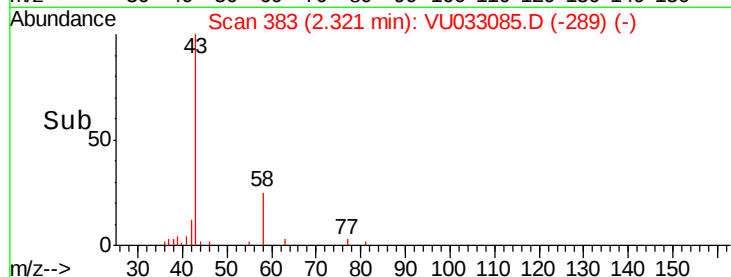
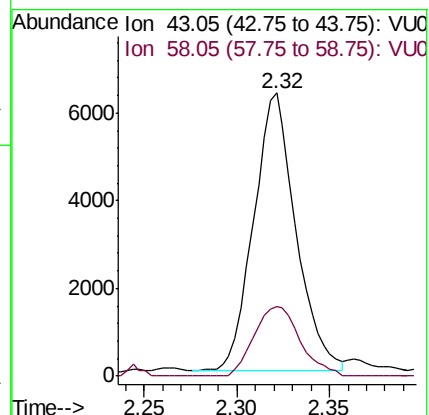
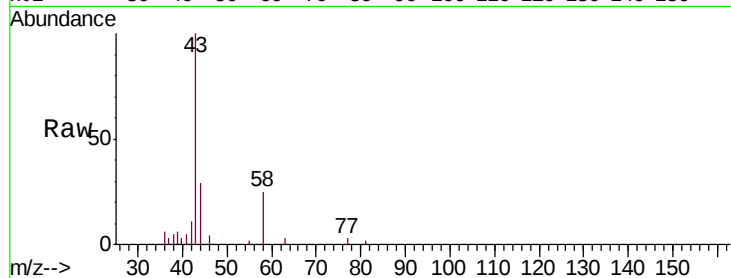
GAM66

Tgt Ion: 43 Resp: 9980

Ion Ratio Lower Upper

43 100

58 27.4 0.0 51.8



#21

2-Butanone

Concen: 2.613 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.02 min

Lab File: VU033085.D

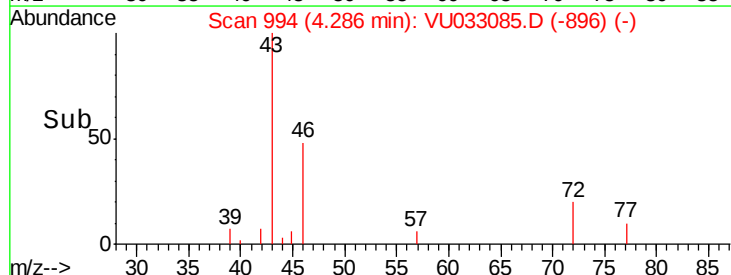
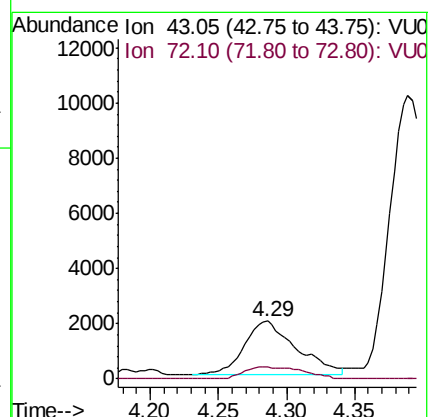
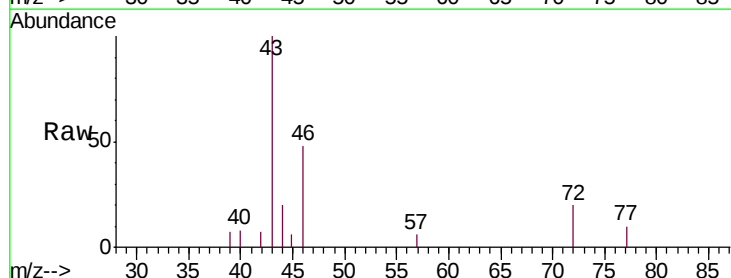
Acq: 28 Jun 2019 21:07

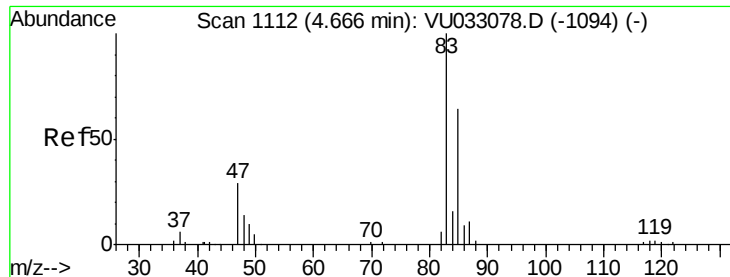
Tgt Ion: 43 Resp: 5145

Ion Ratio Lower Upper

43 100

72 24.8 11.5 34.5

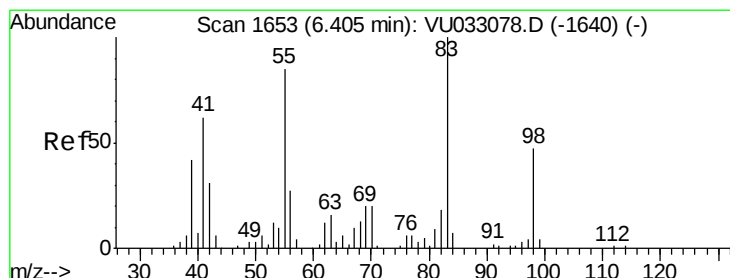
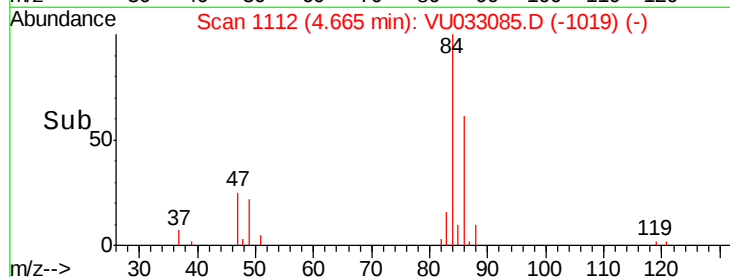
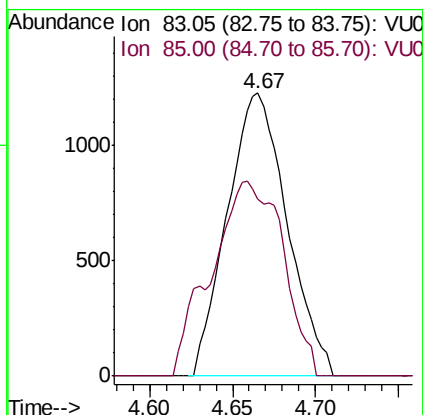
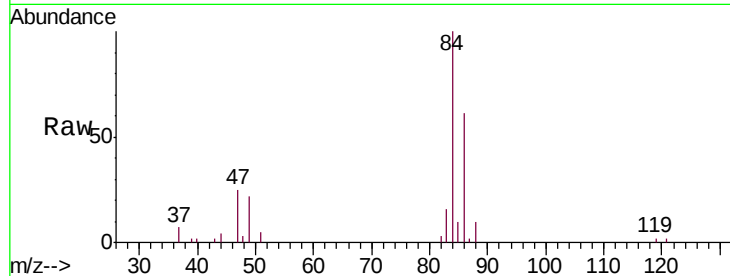




#25
Chloroform
Concen: 0.258 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU033085.D
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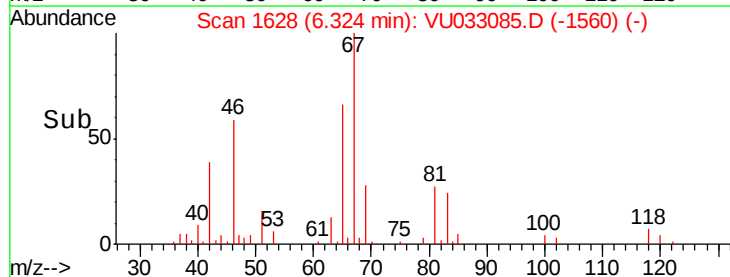
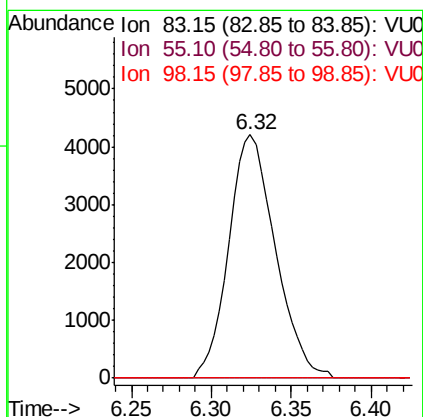
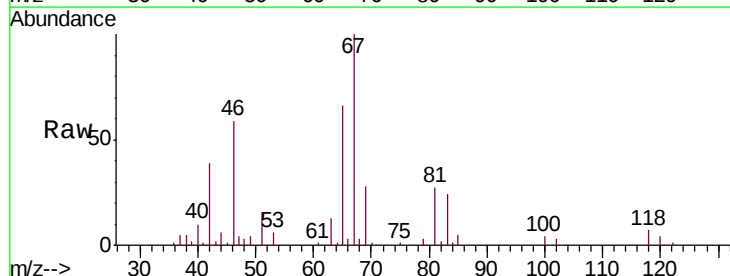
Instrument :
MSVOA_U
ClientSampleId :
GAM66

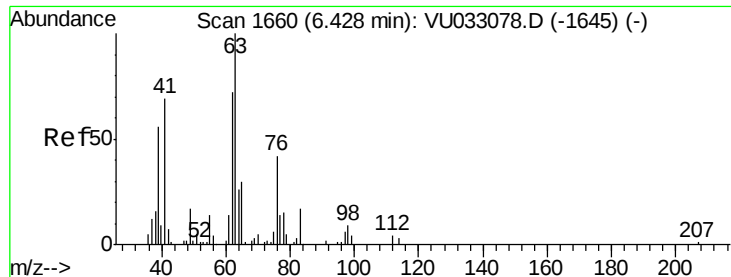
Tgt Ion: 83 Resp: 3081
Ion Ratio Lower Upper
83 100
85 62.3 47.3 87.8



#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033085.D
Acq: 28 Jun 2019 21:07

Tgt Ion: 83 Resp: 8379
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 3.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033085.D

Acq: 28 Jun 2019 21:07

Instrument :

MSVOA_U

ClientSampleId :

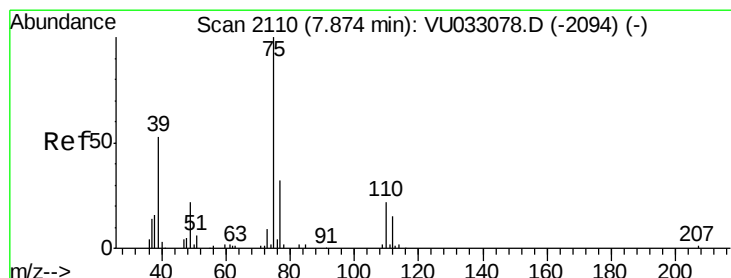
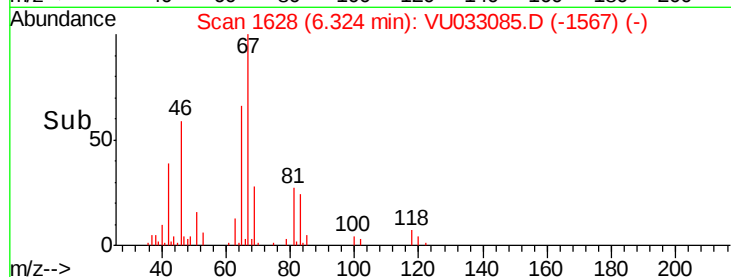
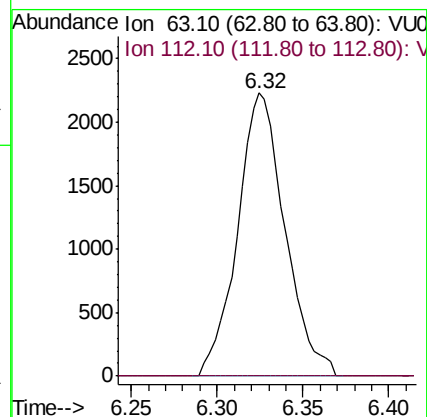
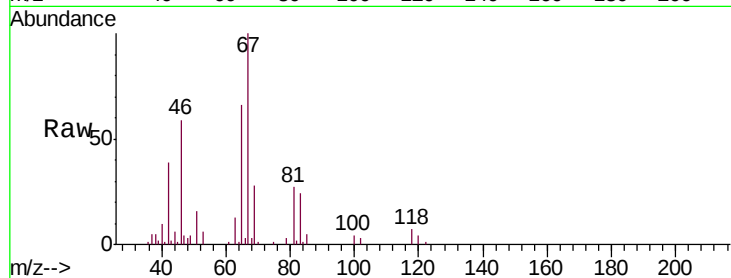
GAM66

Tgt Ion: 63 Resp: 4278

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU033085.D

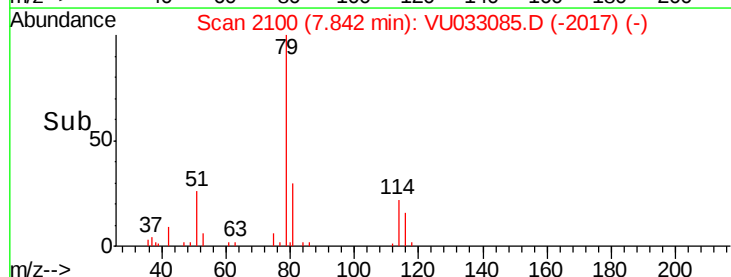
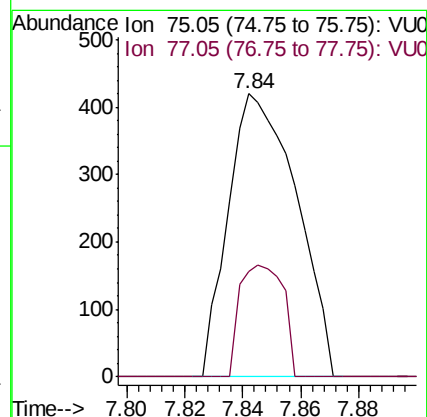
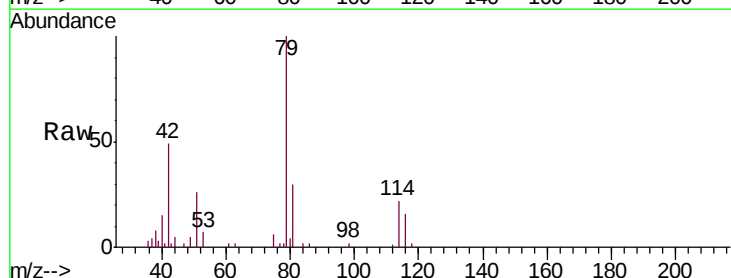
Acq: 28 Jun 2019 21:07

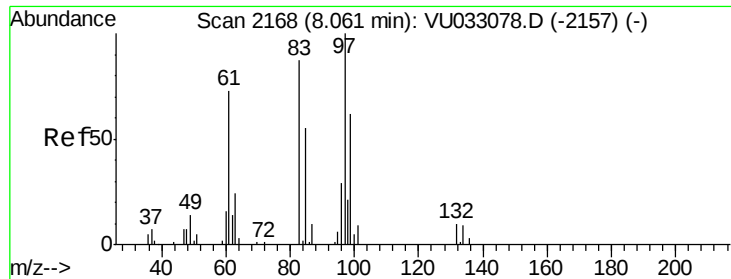
Tgt Ion: 75 Resp: 686

Ion Ratio Lower Upper

75 100

77 37.4 21.6 40.2

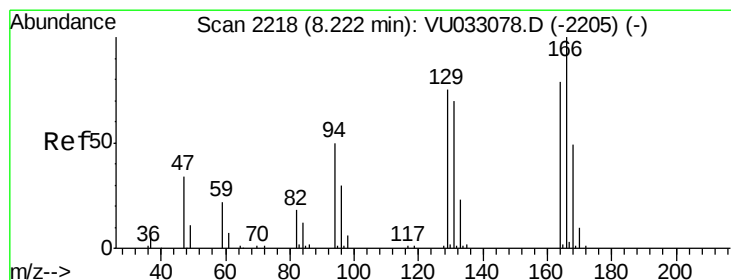
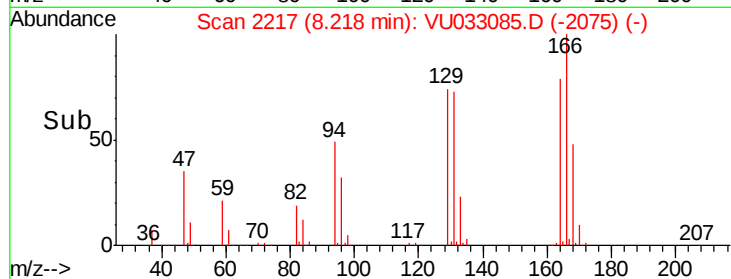
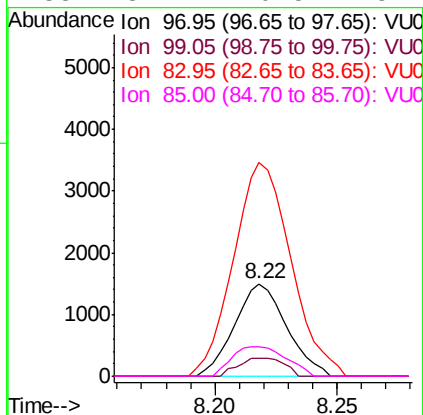
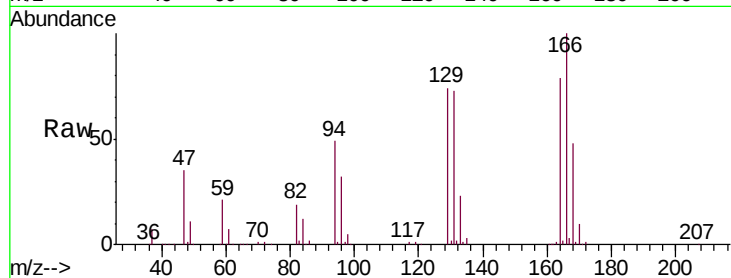




#45
 1,1,2-Trichloroethane
 Concen: 0.464 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.16 min
 Lab File: VU033085.D
 Acq: 28 Jun 2019 21:07

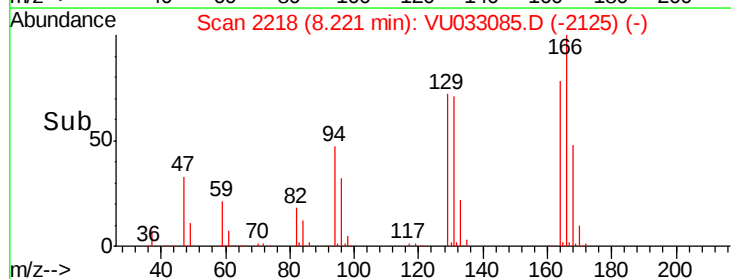
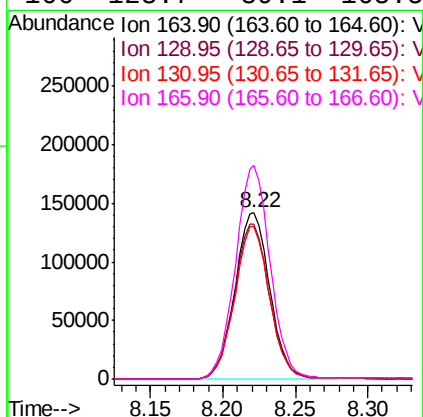
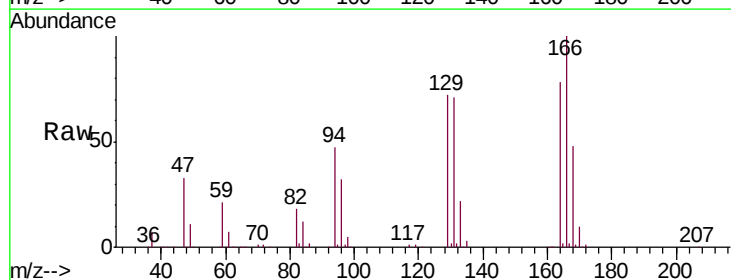
Instrument :
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 ClientSampleId :
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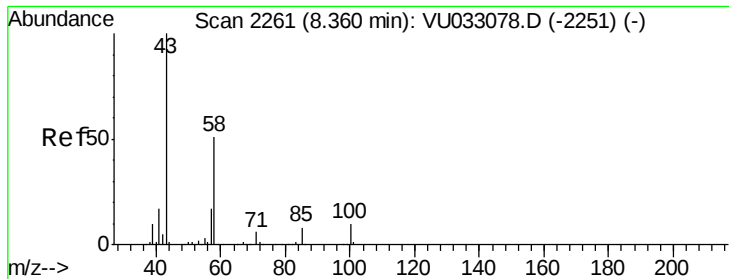
Tgt Ion: 97 Resp: 2218
 Ion Ratio Lower Upper
 97 100
 99 19.7 44.7 83.1#
 83 231.3 62.6 116.2#
 85 32.4 40.5 75.1#



#47
 Tetrachloroethene
 Concen: 42.355 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033085.D
 Acq: 28 Jun 2019 21:07

Tgt Ion: 164 Resp: 237173
 Ion Ratio Lower Upper
 164 100
 129 93.1 64.9 120.5
 131 91.5 63.5 117.9
 166 128.7 89.1 165.5

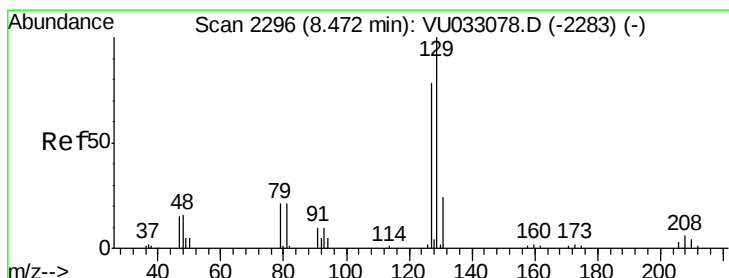
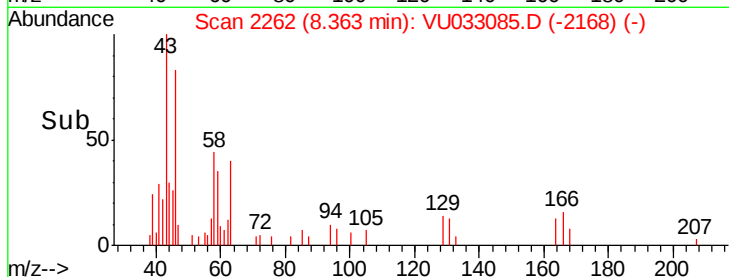
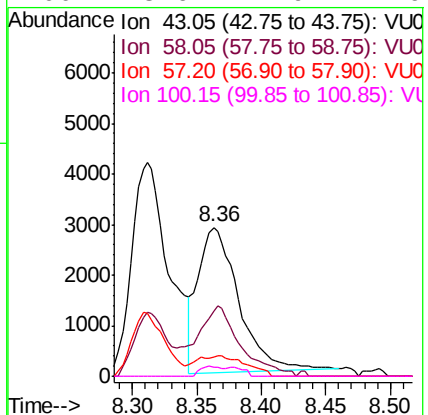
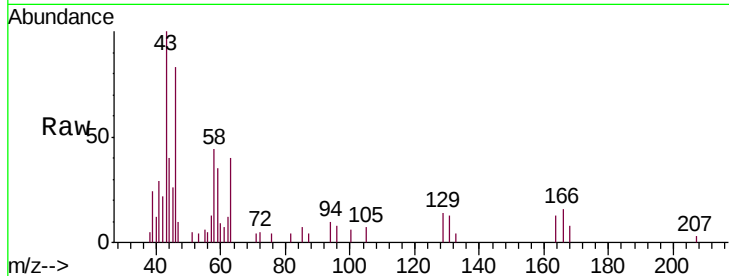




#48
2-Hexanone
Concen: 1.874 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033085.D
Acq: 28 Jun 2019 21:07

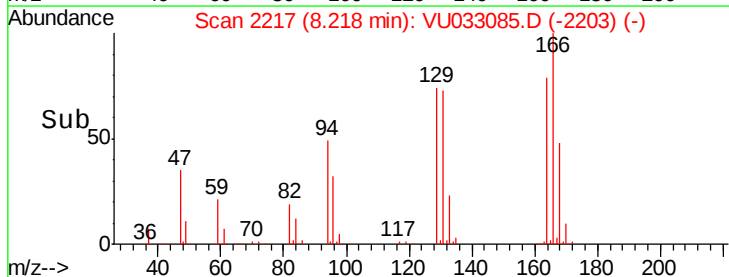
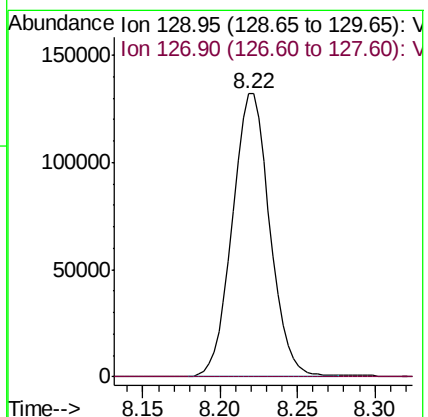
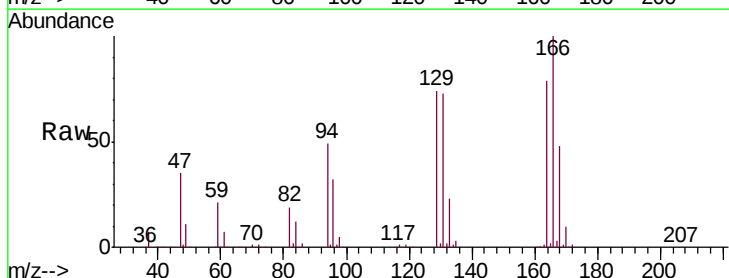
Instrument :
MSVOA_U
ClientSampled :
GAM66

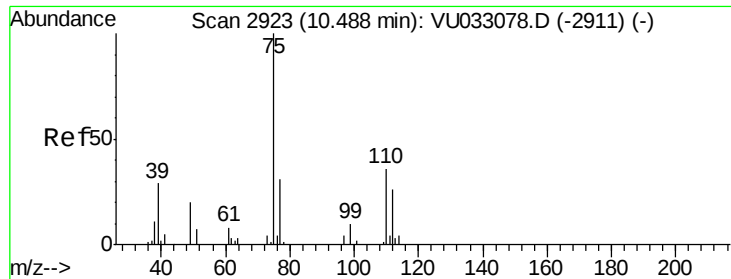
Tgt Ion: 43 Resp: 6300
Ion Ratio Lower Upper
43 100
58 49.2 40.0 60.0
57 17.5 14.0 21.0
100 3.6 7.9 11.9#



#49
Dibromochloromethane
Concen: 36.543 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033085.D
Acq: 28 Jun 2019 21:07

Tgt Ion: 129 Resp: 221622
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#59

1,2,3-Trichloropropane

Concen: 1.124 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033085.D

Acq: 28 Jun 2019 21:07

Instrument :

MSVOA_U

ClientSampleId :

GAM66

Tgt Ion: 75 Resp: 5128

Ion Ratio Lower Upper

75 100

77 41.9 25.4 38.2#

