

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070419\
 Data File : VU033173.D
 Acq On : 03 Jul 2019 15:16
 Operator : JC/SP
 Sample : K3598-09MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM85MSD

Quant Time: Jul 04 02:07:07 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	82529	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	85436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37026	7.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	155.00%#
7) Chloroethane-d5	1.68	69	28532	6.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.60%#
11) 1,1-Dichloroethene-d2	2.27	63	69443	6.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.40%
20) 2-Butanone-d5	4.19	46	96759	55.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.28%
24) Chloroform-d	4.64	84	64770	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.30	65	37581	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.33	84	117214	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.32	67	39074	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.56	98	103517	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.85	79	13967	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	62355	51.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.12%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	31468	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	39799	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

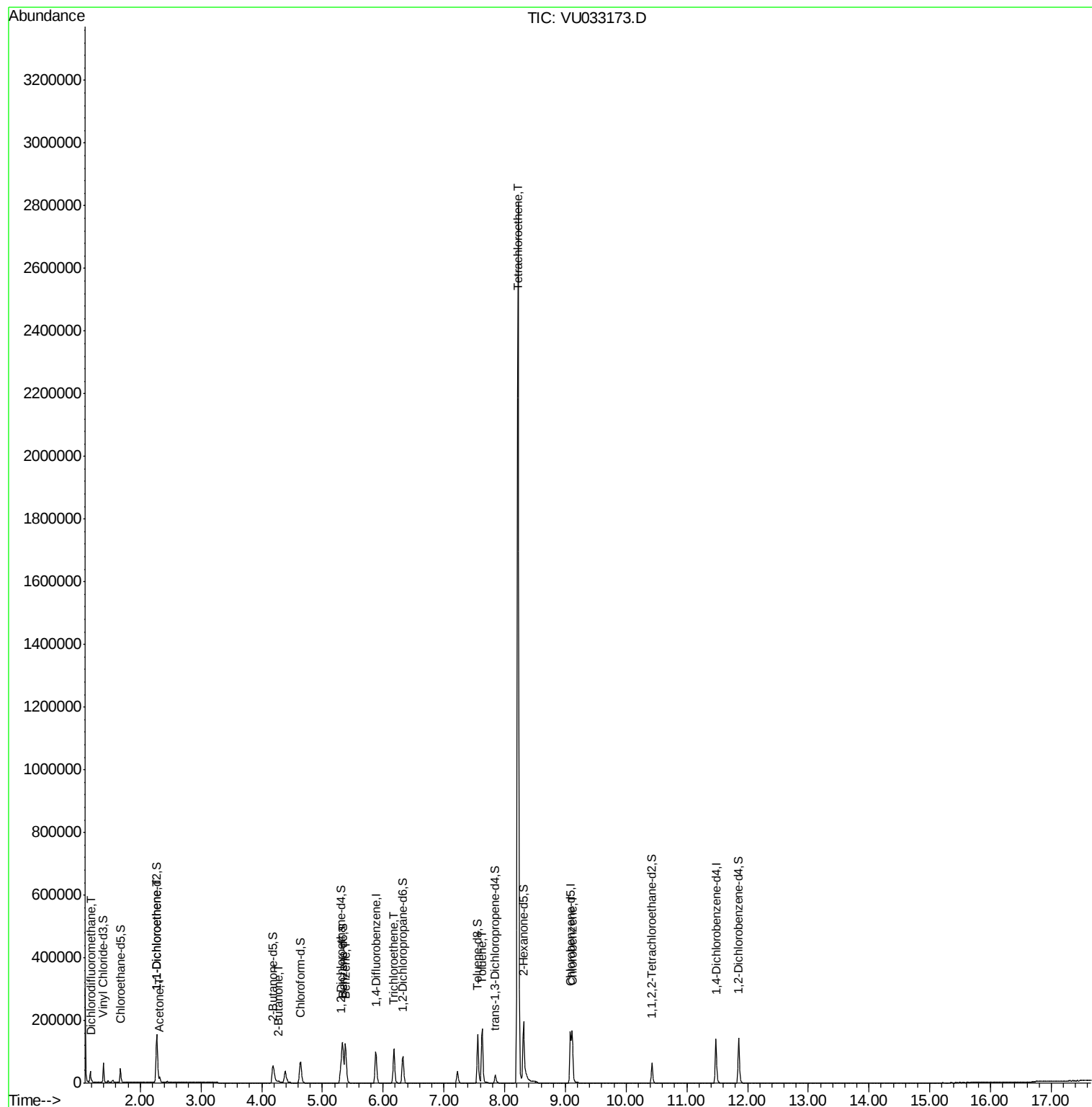
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	1419	0.168	ug/L	98
12) 1,1-Dichloroethene	2.28	96	25489	4.733	ug/L	90
13) Acetone	2.32	43	17934	12.827	ug/L	96
21) 2-Butanone	4.28	43	8270	4.089	ug/L	100
33) Benzene	5.38	78	118630	4.712	ug/L	100
34) Trichloroethene	6.18	95	35989	5.240	ug/L	97
42) Toluene	7.63	91	122211	4.508	ug/L	99
47) Tetrachloroethene	8.22	164	598393	104.881	ug/L	97
51) Chlorobenzene	9.11	112	83494	4.673	ug/L	97

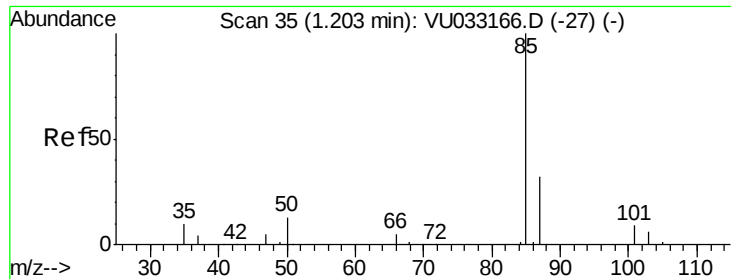
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070419\
Data File : VU033173.D
Acq On : 03 Jul 2019 15:16
Operator : JC/SP
Sample : K3598-09MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM85MSD

Quant Time: Jul 04 02:07:07 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





#2

Dichlorodifluoromethane

Concen: 0.168 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU033173.D

Acq: 03 Jul 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

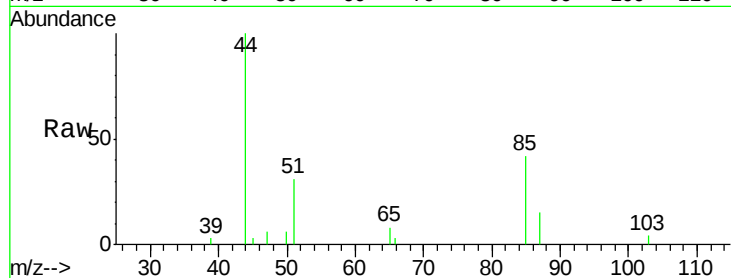
GAM85MSD

Tot Ion: 85 Resp: 1419

Ion Ratio Lower Upper

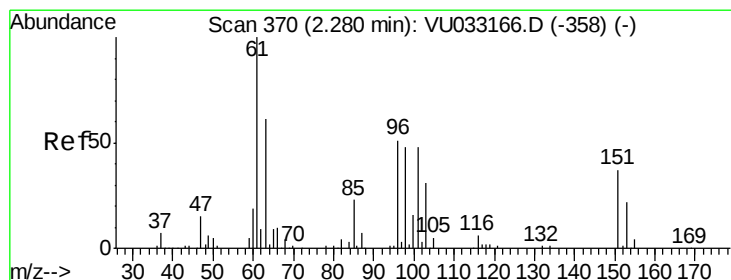
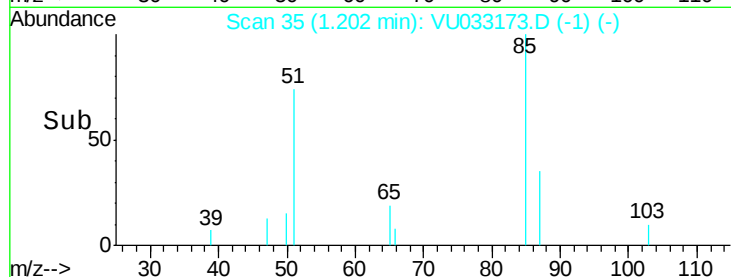
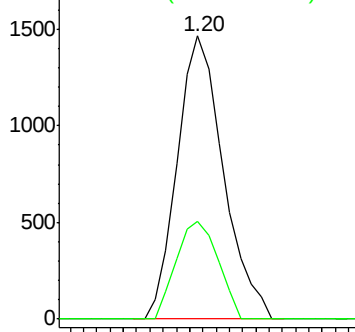
85 100

87 31.3 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#12

1,1-Dichloroethene

Concen: 4.733 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033173.D

Acq: 03 Jul 2019 15:16

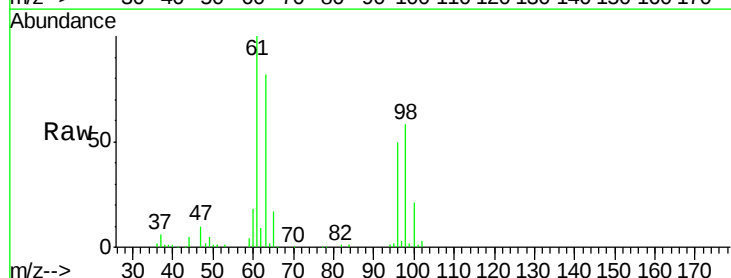
Tgt Ion: 96 Resp: 25489

Ion Ratio Lower Upper

96 100

61 199.4 135.5 251.7

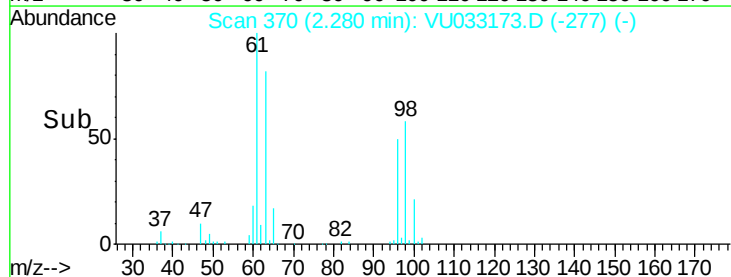
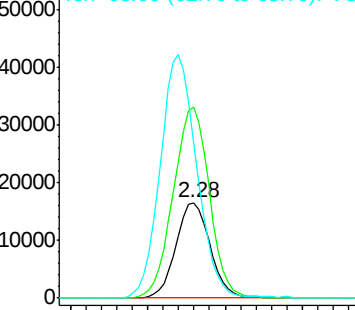
63 162.6 98.0 182.0

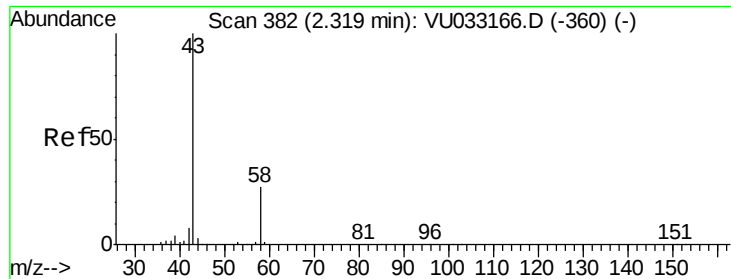


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 12.827 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033173.D

Acq: 03 Jul 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

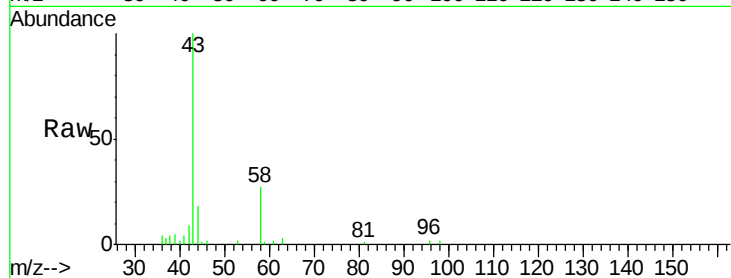
GAM85MSD

Tot Ion: 43 Resp: 17934

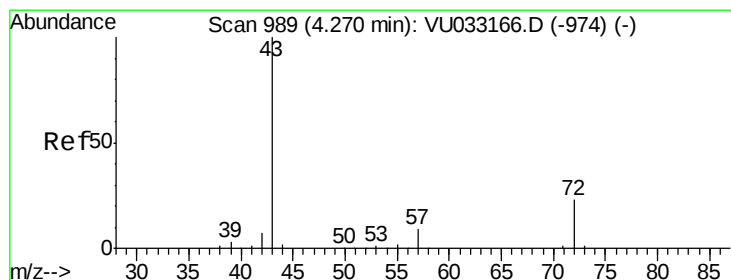
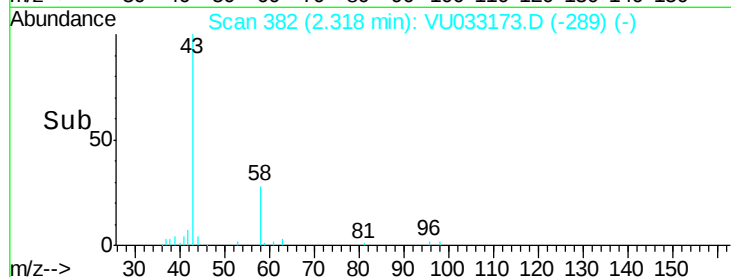
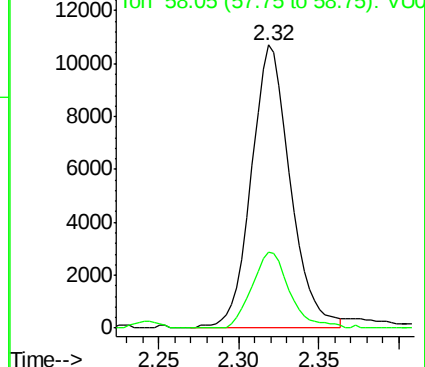
Ion Ratio Lower Upper

43 100

58 25.9 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033173.D (-289) (-)



#21

2-Butanone

Concen: 4.089 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU033173.D

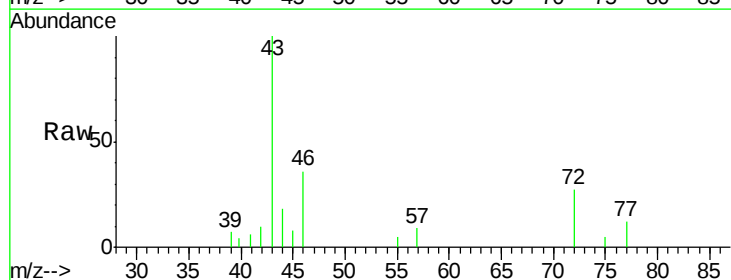
Acq: 03 Jul 2019 15:16

Tgt Ion: 43 Resp: 8270

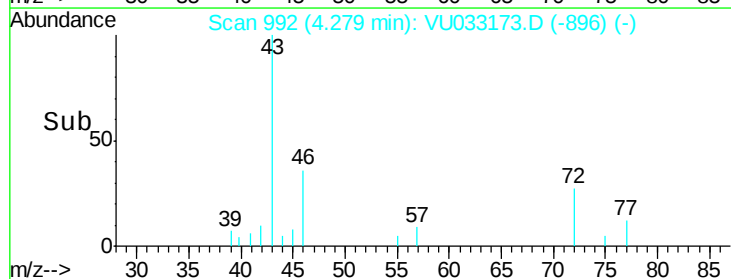
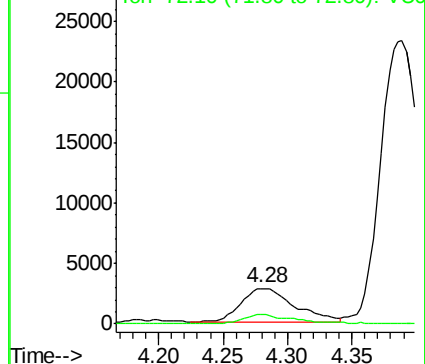
Ion Ratio Lower Upper

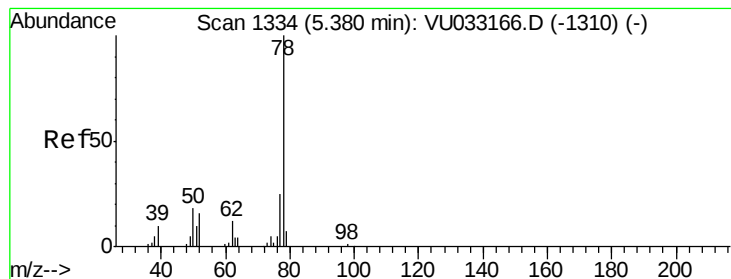
43 100

72 24.0 12.1 36.3



Abundance Ion 43.05 (42.75 to 43.75): VU033173.D (-896) (-)





#33

Benzene

Concen: 4.712 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033173.D

Acq: 03 Jul 2019 15:16

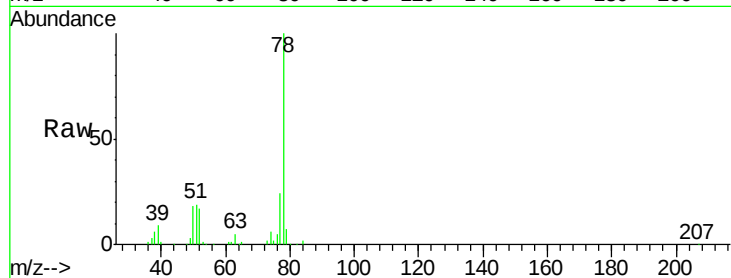
Instrument :

MSVOA_U

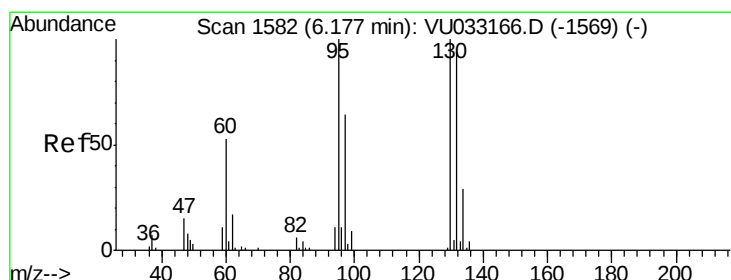
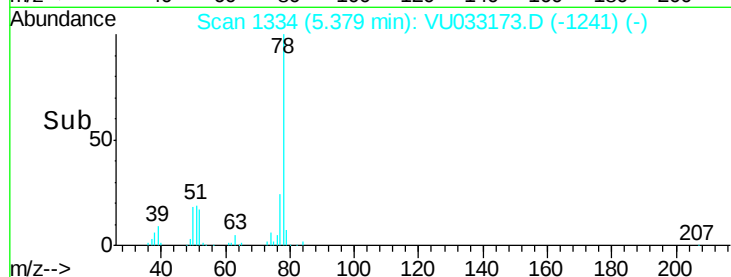
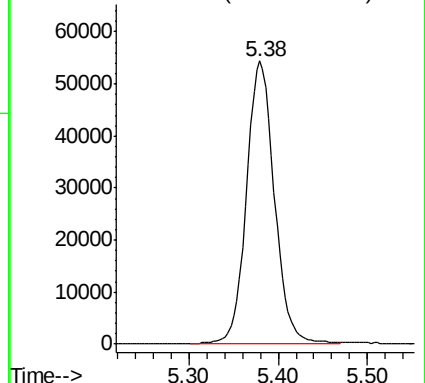
ClientSampleId :

GAM85MSD

Tgt Ion: 78 Resp: 118630



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.240 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033173.D

Acq: 03 Jul 2019 15:16

Tgt Ion: 95 Resp: 35989

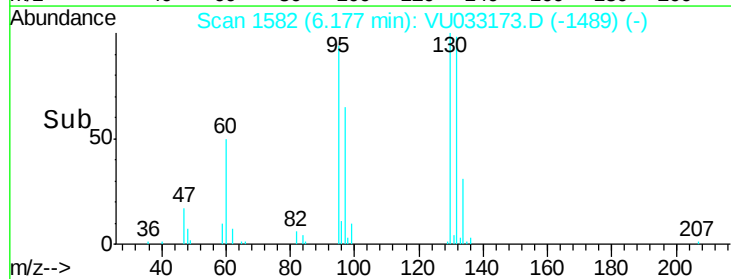
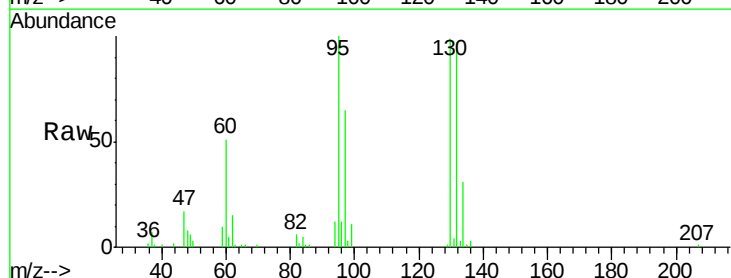
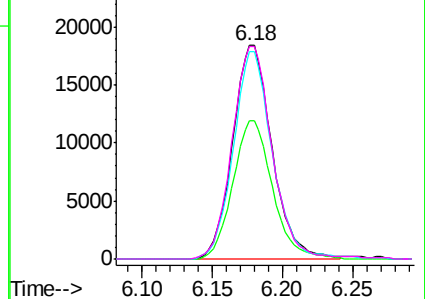
Ion	Ratio	Lower	Upper
95	100		
97	64.7	42.8	79.4
132	97.2	64.6	120.0
130	99.3	70.0	130.0

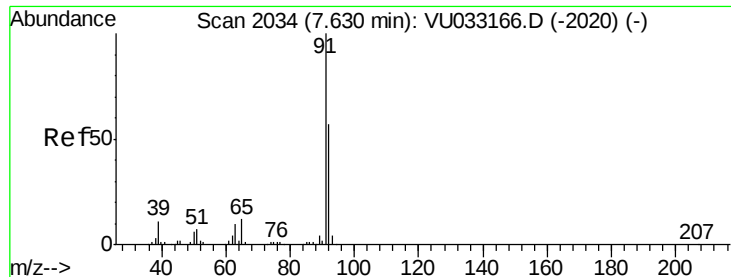
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 4.508 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033173.D

Acq: 03 Jul 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

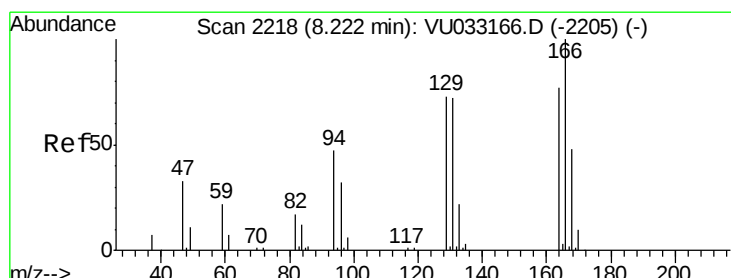
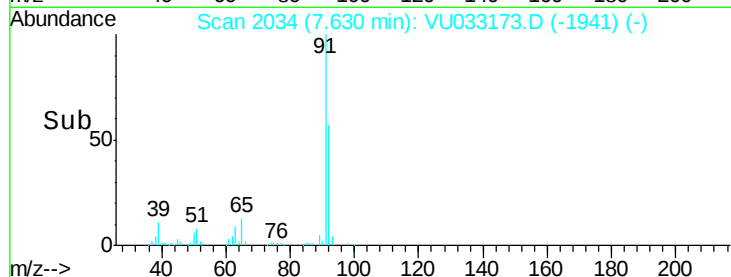
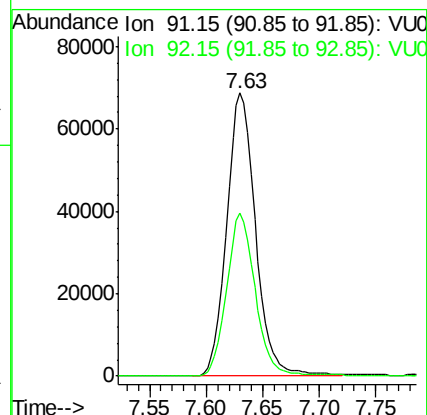
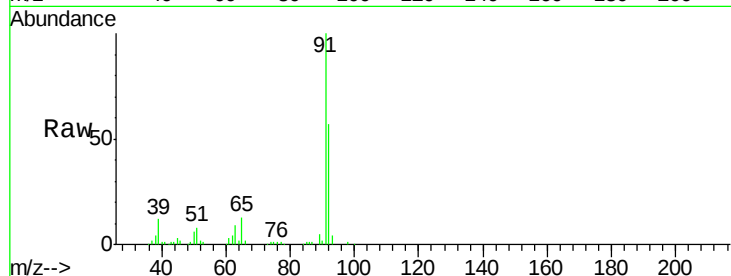
GAM85MSD

Tot Ion: 91 Resp: 122211

Ion Ratio Lower Upper

91 100

92 57.4 39.7 73.7



#47

Tetrachloroethene

Concen: 104.881 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU033173.D

Acq: 03 Jul 2019 15:16

Tgt Ion:164 Resp: 598393

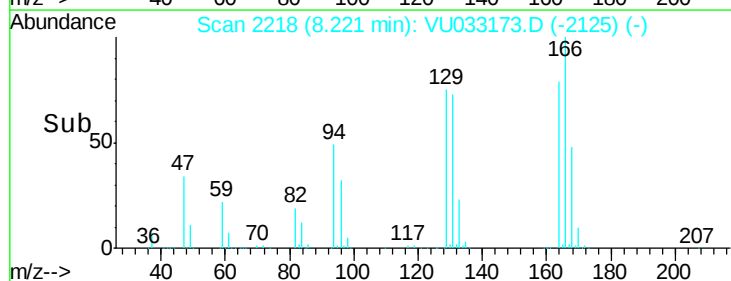
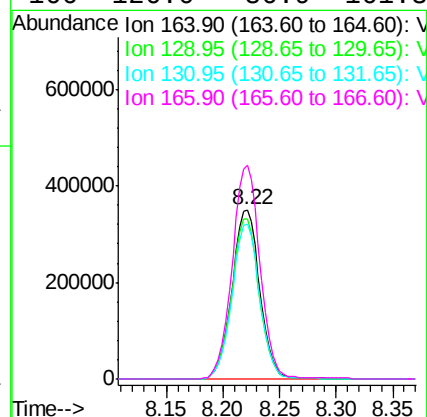
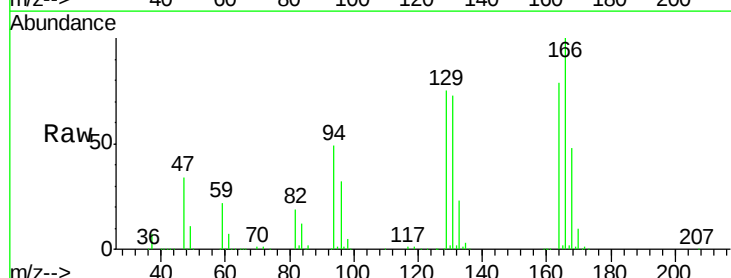
Ion Ratio Lower Upper

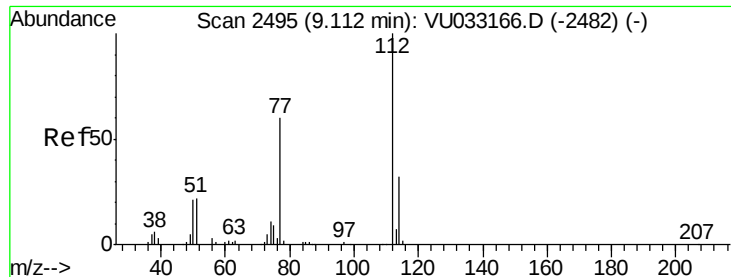
164 100

129 94.3 65.3 121.3

131 91.3 60.3 112.1

166 126.0 86.9 161.3





#51
 Chlorobenzene
 Concen: 4.673 ug/L
 RT: 9.11 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: VU033173.D
 Acq: 03 Jul 2019 15:16

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM85MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	23.0	42.6
77	58.6	48.3	72.5

