

Data File : VU033172.D
Acq On : 03 Jul 2019 14:52
Operator : JC/SP
Sample : K3598-08MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM85MS

Quant Time: Jul 04 01:23:50 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	80775	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36538	7.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	156.40%#
7) Chloroethane-d5	1.68	69	29071	6.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.00%#
11) 1,1-Dichloroethene-d2	2.27	63	69699	6.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.60%#
20) 2-Butanone-d5	4.19	46	96168	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	4.64	84	64354	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
26) 1,2-Dichloroethane-d4	5.31	65	37632	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.33	84	120983	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.80%
36) 1,2-Dichloropropane-d6	6.32	67	39716	5.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.20%
41) Toluene-d8	7.56	98	99593	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.85	79	13933	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.31	63	61744	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31605	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	39489	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	1301	0.157 ug/L	92
12) 1,1-Dichloroethene	2.28	96	23979	4.549 ug/L	86
13) Acetone	2.32	43	16748	12.239 ug/L	100
15) Methyl Acetate	2.61	43	656	0.202 ug/L #	55
21) 2-Butanone	4.28	43	7915	3.999 ug/L #	74
27) 1,2-Dichloroethane	5.38	62	1044	0.125 ug/L #	79
33) Benzene	5.38	78	113001	4.597 ug/L	100
34) Trichloroethene	6.18	95	34726	5.178 ug/L	97
35) Methylcyclohexane	6.32	83	8848	0.887 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	4825	0.713 ug/L #	88
42) Toluene	7.63	91	118162	4.464 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	712	0.090 ug/L	96
45) 1,1,2-Trichloroethane	8.22	97	5483	1.156 ug/L #	2
47) Tetrachloroethene	8.22	164	576155	103.421 ug/L	95
48) 2-Hexanone	8.37	43	9078	2.665 ug/L #	95
49) Dibromochloromethane	8.22	129	547247	92.245 ug/L #	13
51) Chlorobenzene	9.11	112	78007	4.472 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070419\
Quantitation Report (Not Reviewed)

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QLast Update : Thu Jul 04 01:20:02 2019
Response via : Initial Calibration

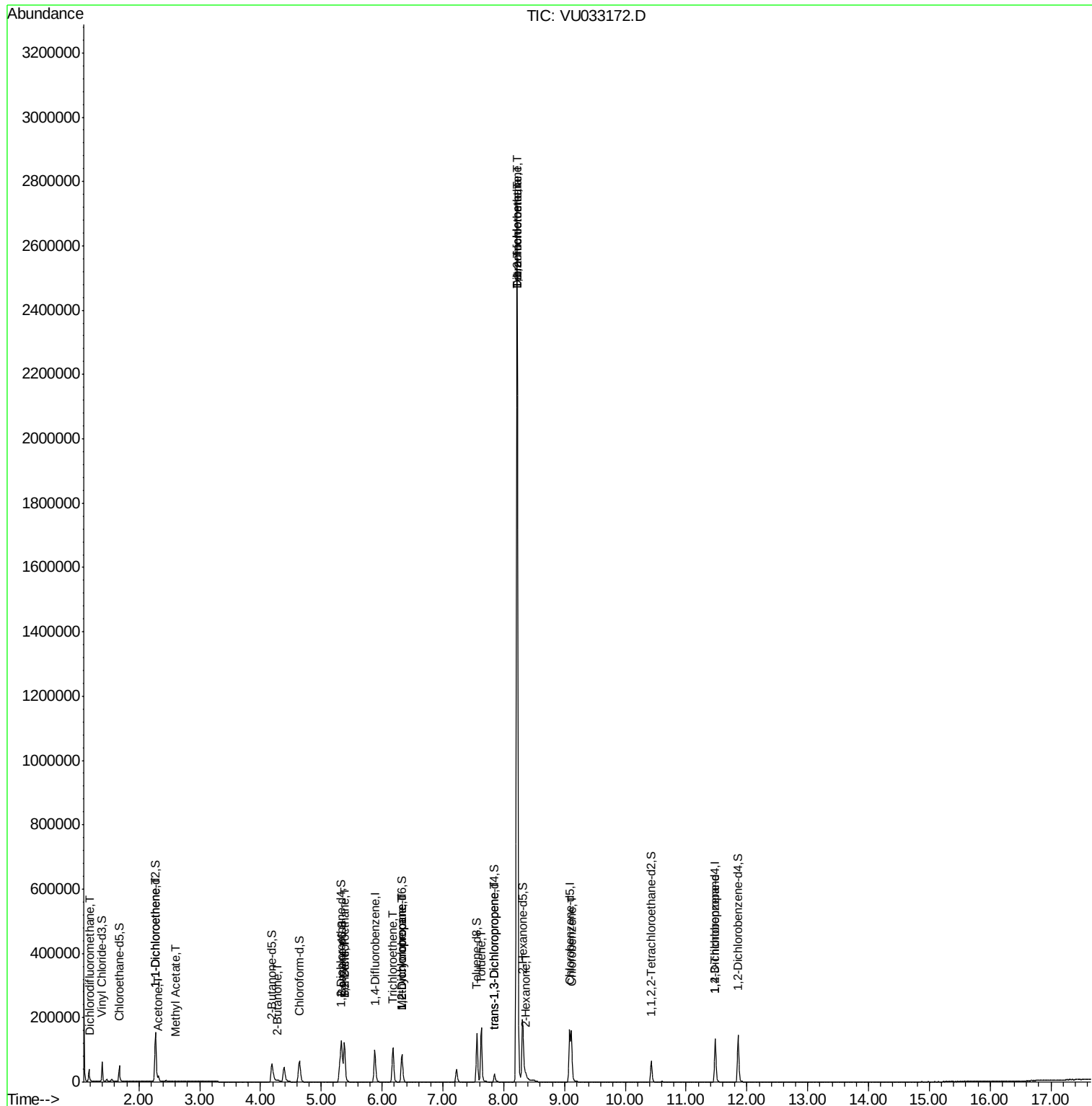
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	4471	0.972	ug/L	89

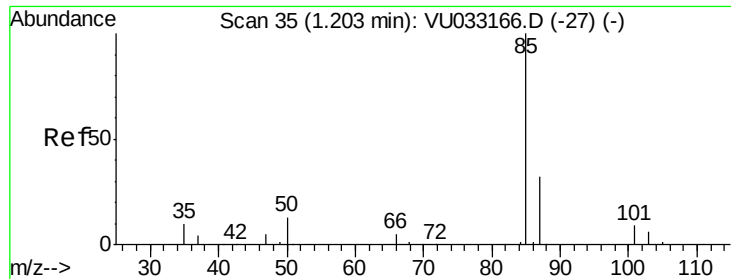
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 04 01:20:02 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.157 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

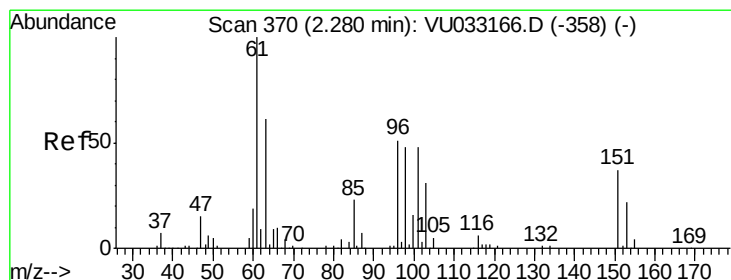
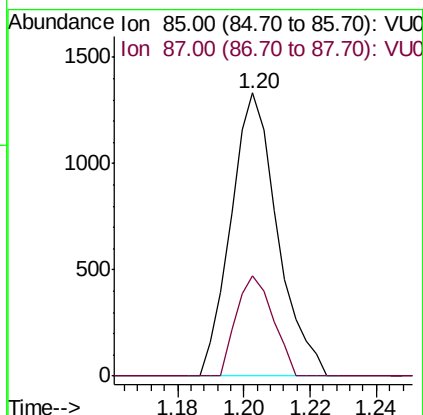
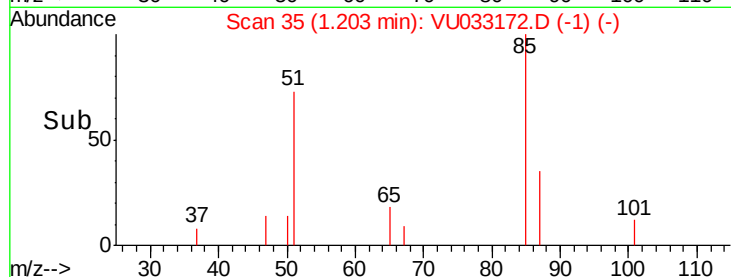
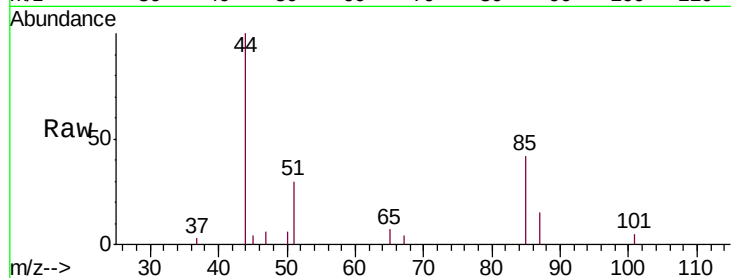
GAM85MS

Tgt Ion: 85 Resp: 1301

Ion Ratio Lower Upper

85 100

87 27.8 25.8 38.8



#12

1,1-Dichloroethene

Concen: 4.549 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

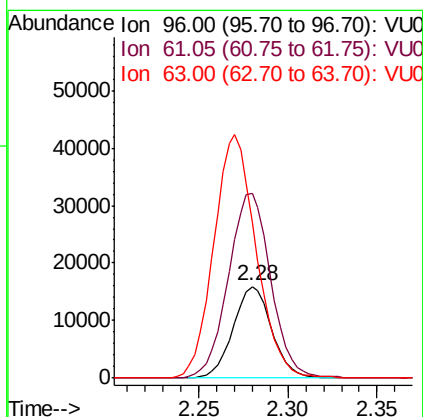
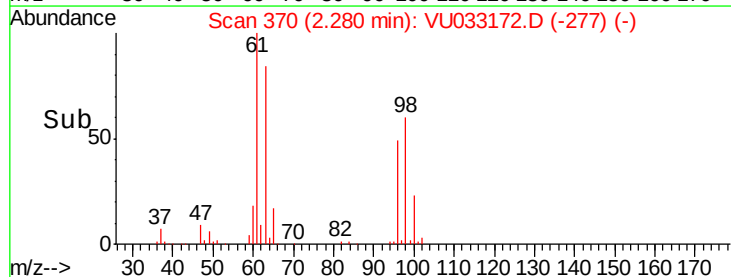
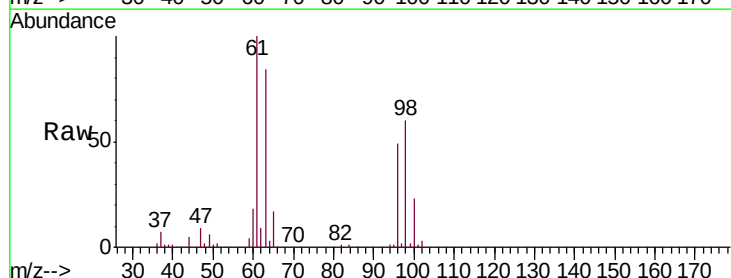
Tgt Ion: 96 Resp: 23979

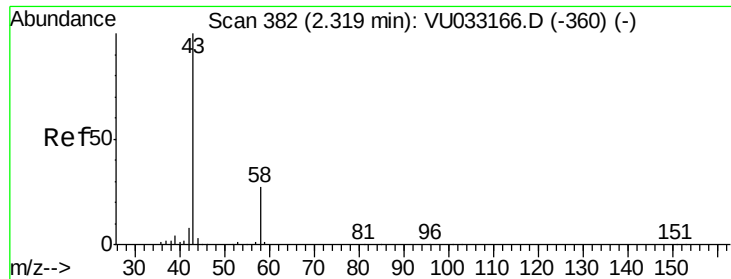
Ion Ratio Lower Upper

96 100

61 202.1 135.5 251.7

63 170.0 98.0 182.0





#13

Acetone

Concen: 12.239 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

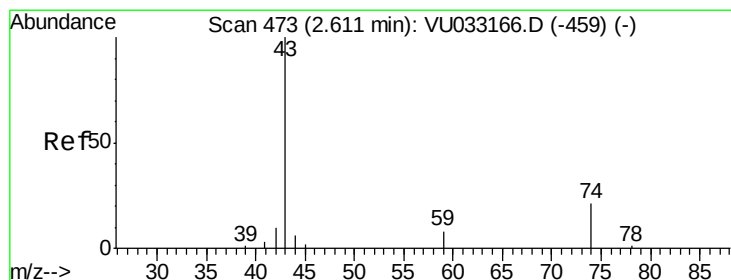
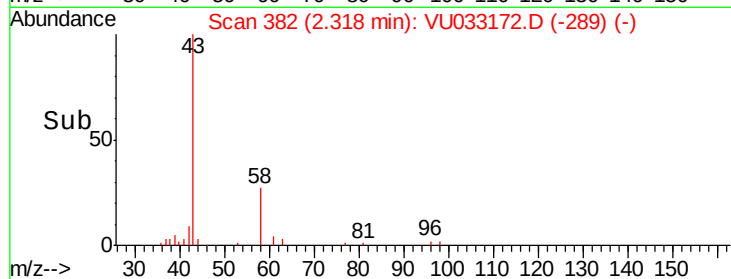
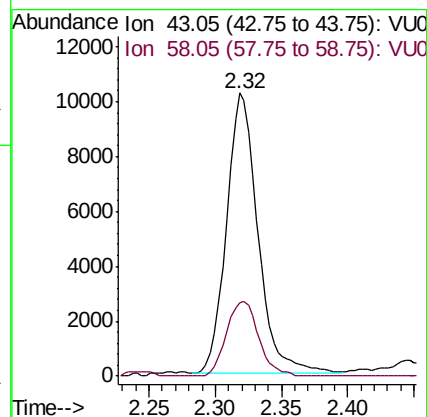
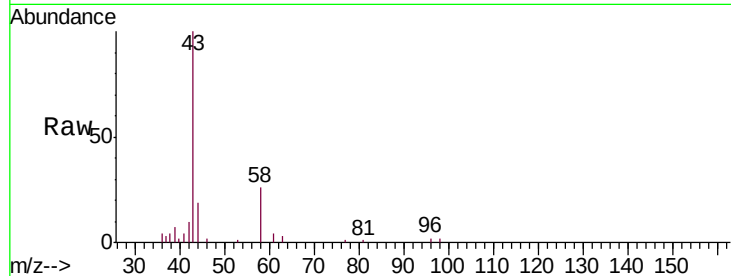
GAM85MS

Tgt Ion: 43 Resp: 16748

Ion Ratio Lower Upper

43 100

58 27.5 0.0 55.4



#15

Methyl Acetate

Concen: 0.202 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU033172.D

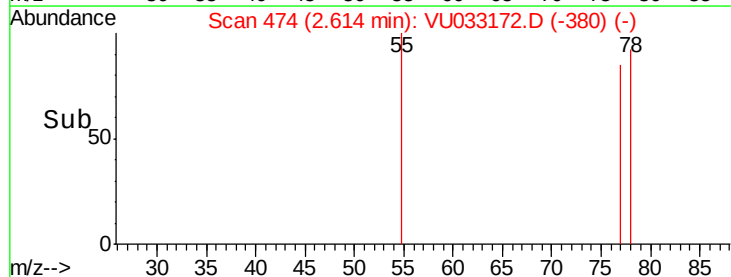
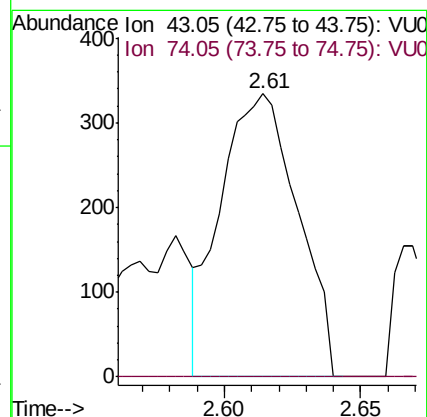
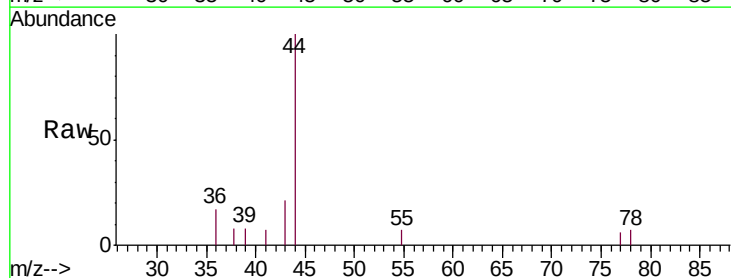
Acq: 03 Jul 2019 14:52

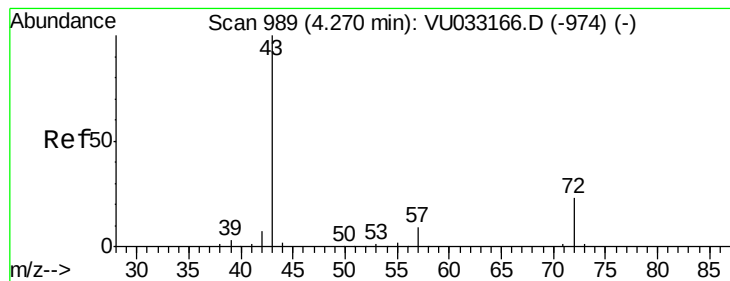
Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#





#21

2-Butanone

Concen: 3.999 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

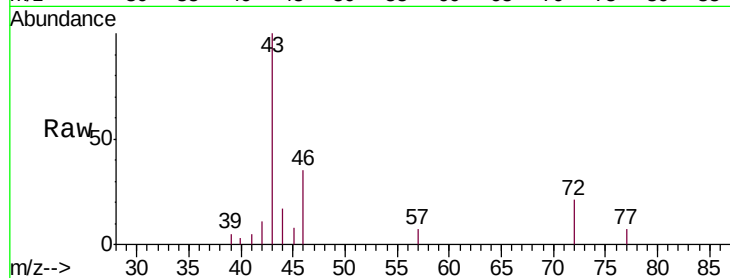
GAM85MS

Tgt Ion: 43 Resp: 7915

Ion Ratio Lower Upper

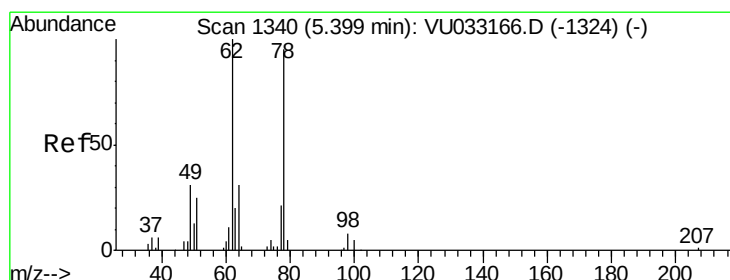
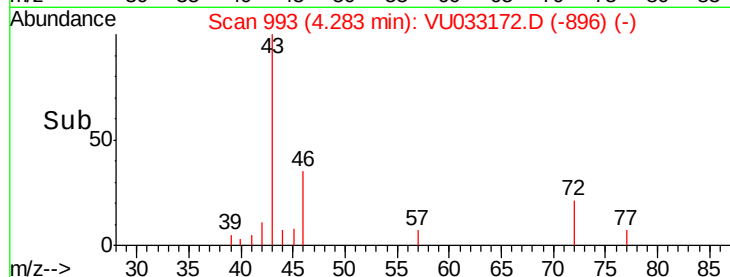
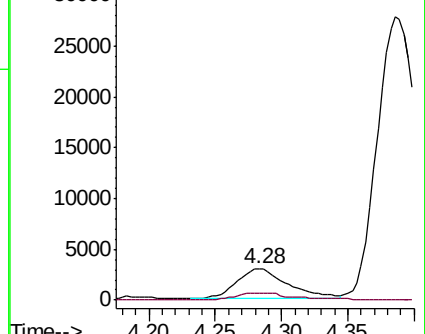
43 100

72 11.1 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) (-)



#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VU033172.D

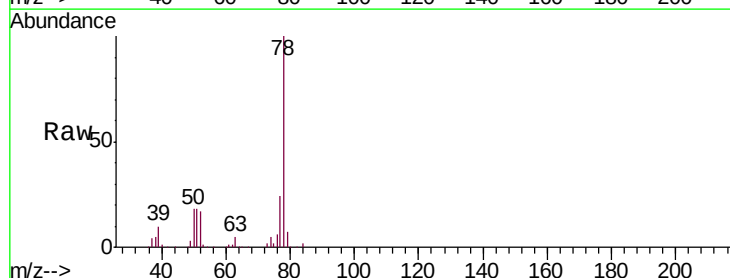
Acq: 03 Jul 2019 14:52

Tgt Ion: 62 Resp: 1044

Ion Ratio Lower Upper

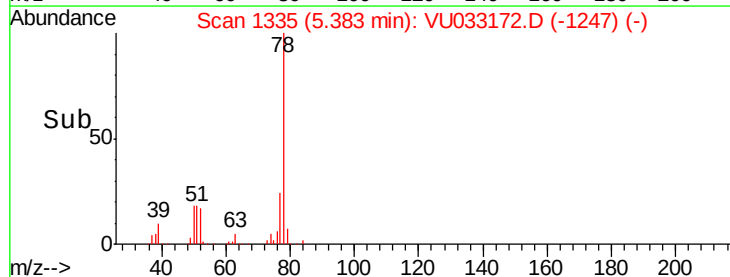
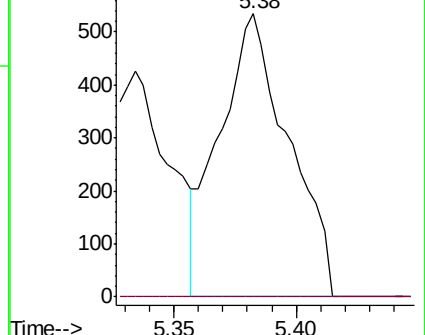
62 100

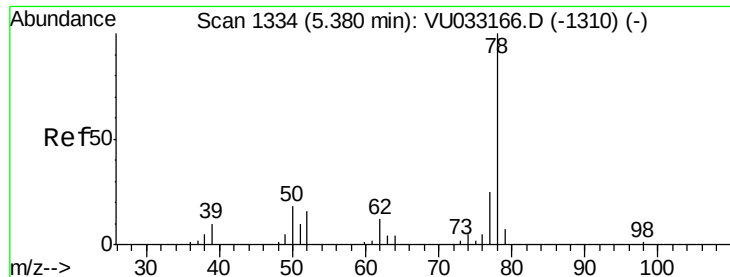
98 0.0 5.9 8.9#



Abundance Ion 62.00 (61.70 to 62.70): VU033166.D (-1324) (-)

Ion 98.05 (97.75 to 98.75): VU033166.D (-1324) (-)





#33

Benzene

Concen: 4.597 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

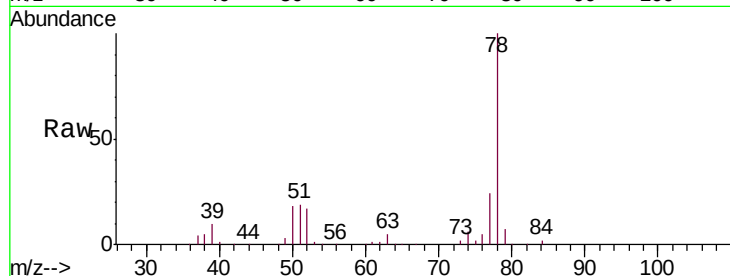
Instrument :

MSVOA_U

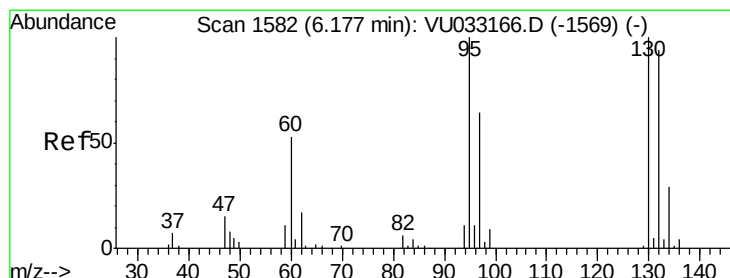
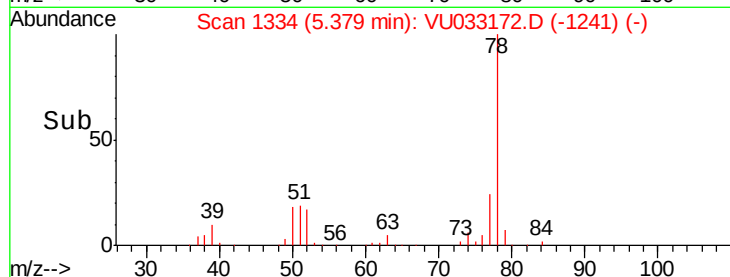
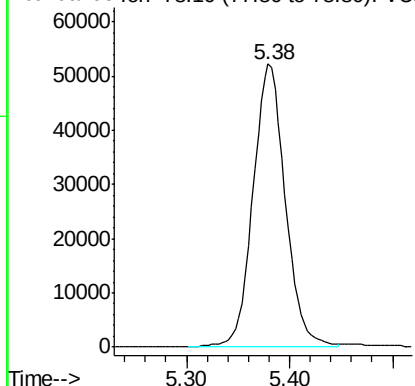
ClientSampleId :

GAM85MS

Tgt Ion: 78 Resp: 113001



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.178 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Tgt Ion: 95 Resp: 34726

Ion	Ratio	Lower	Upper
95	100		
97	64.3	42.8	79.4
132	96.0	64.6	120.0
130	98.0	70.0	130.0

95 100

97 64.3 42.8 79.4

132 96.0 64.6 120.0

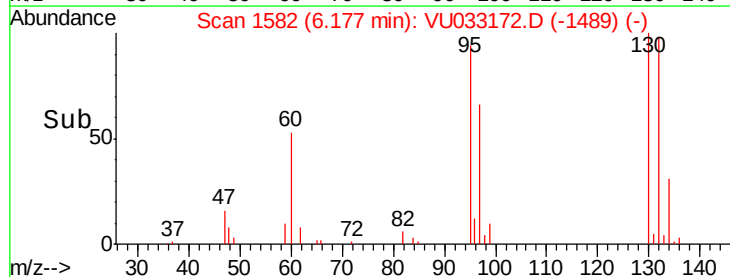
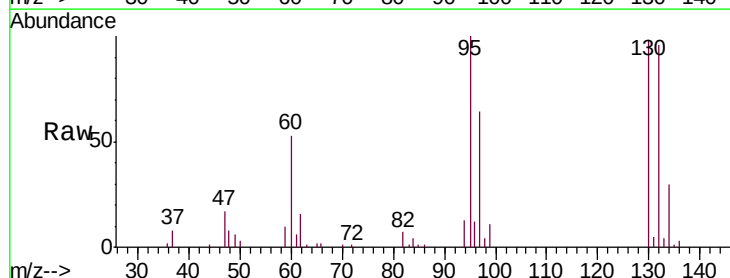
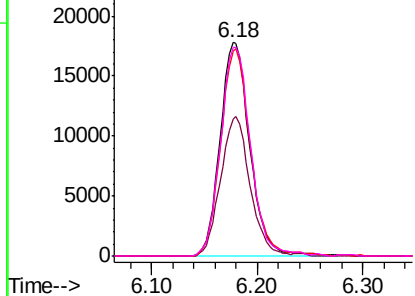
130 98.0 70.0 130.0

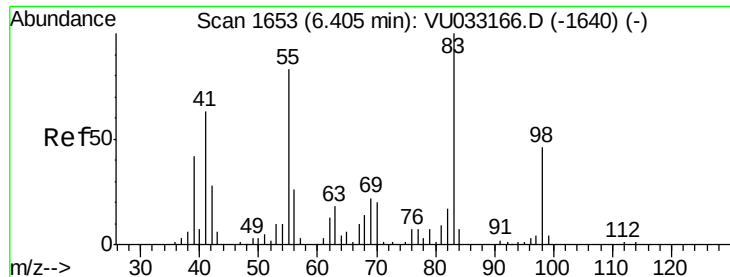
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

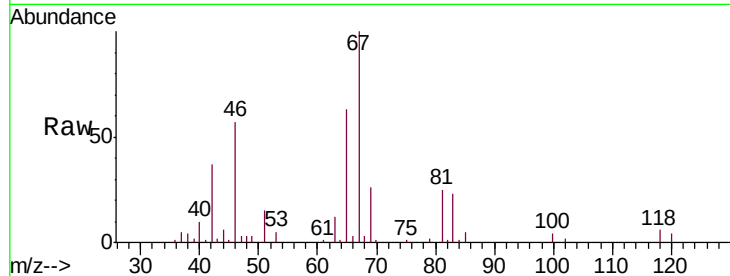




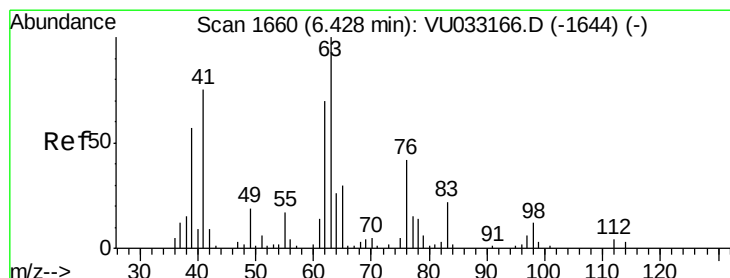
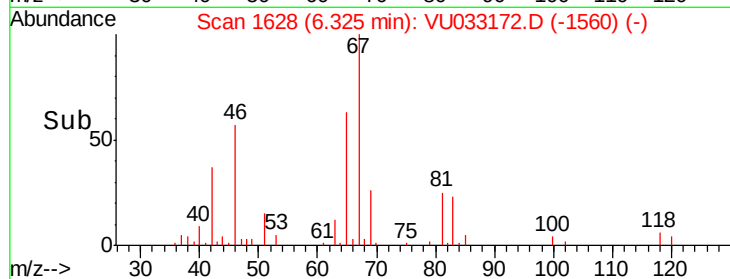
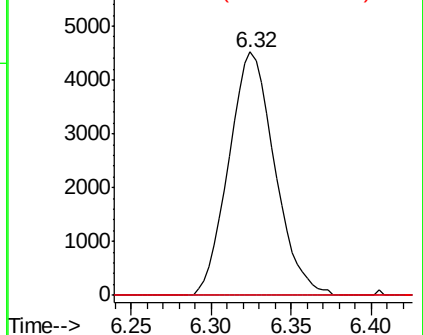
#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033172.D
Acq: 03 Jul 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
GAM85MS

Tgt Ion: 83 Resp: 8848
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.1 55.7#

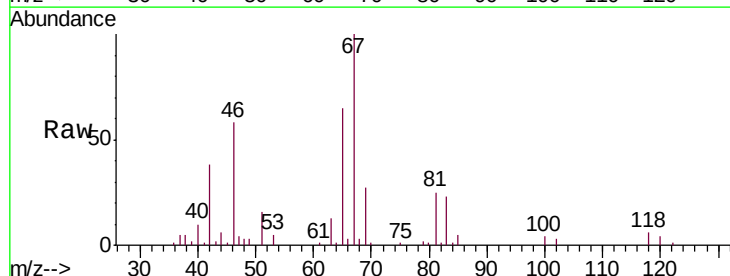


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

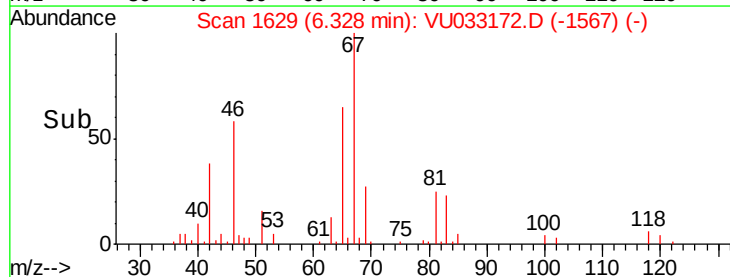
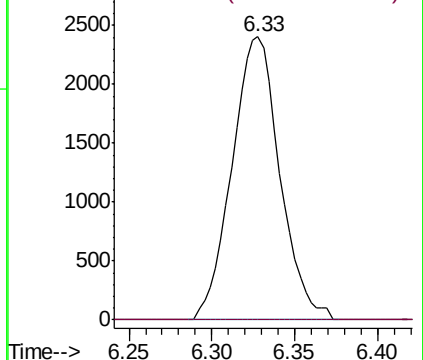


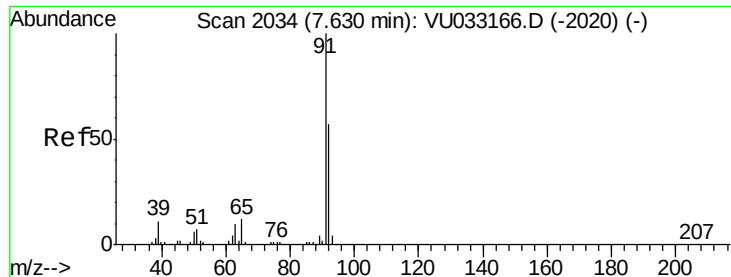
#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU033172.D
Acq: 03 Jul 2019 14:52

Tgt Ion: 63 Resp: 4825
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.464 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

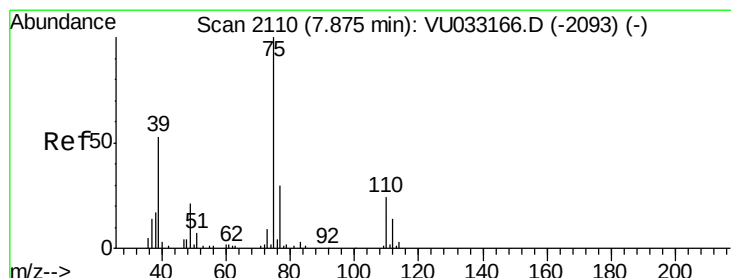
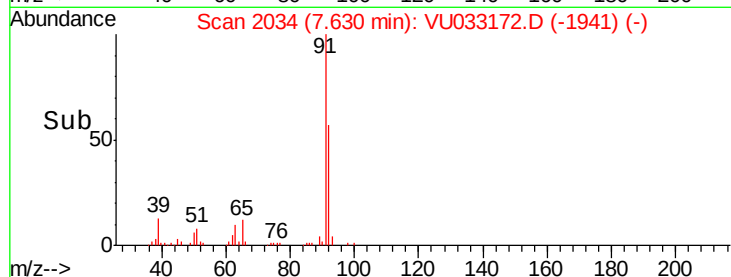
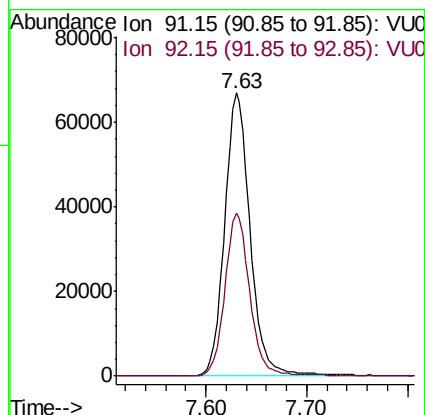
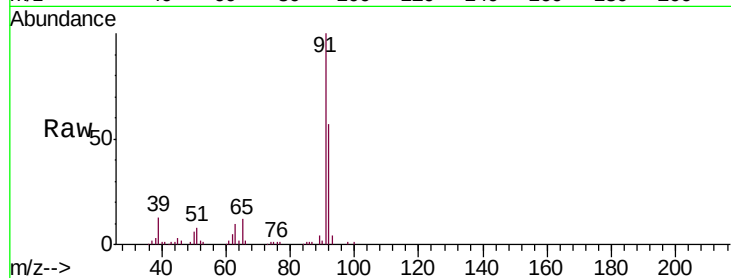
GAM85MS

Tgt Ion: 91 Resp: 118162

Ion Ratio Lower Upper

91 100

92 57.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU033172.D

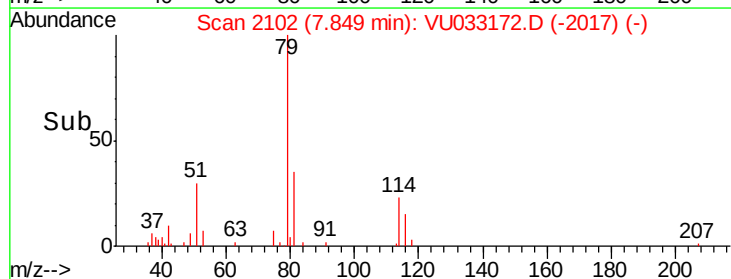
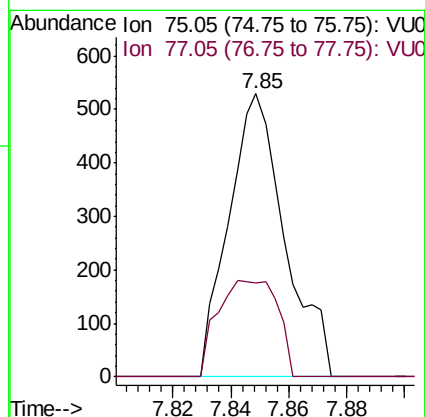
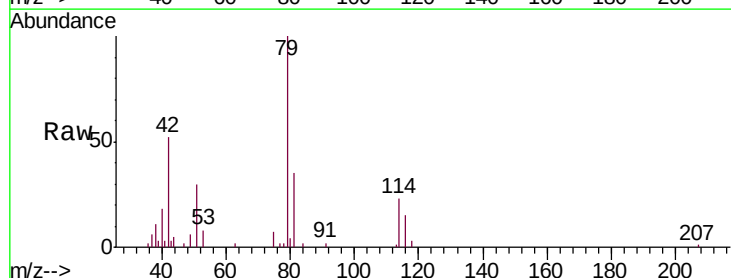
Acq: 03 Jul 2019 14:52

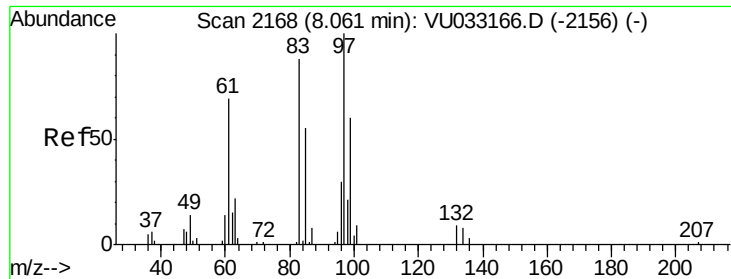
Tgt Ion: 75 Resp: 712

Ion Ratio Lower Upper

75 100

77 33.1 21.6 40.2

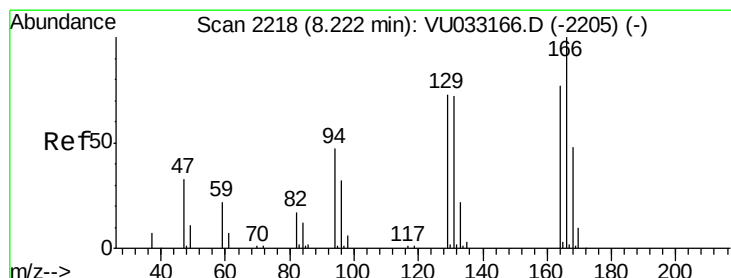
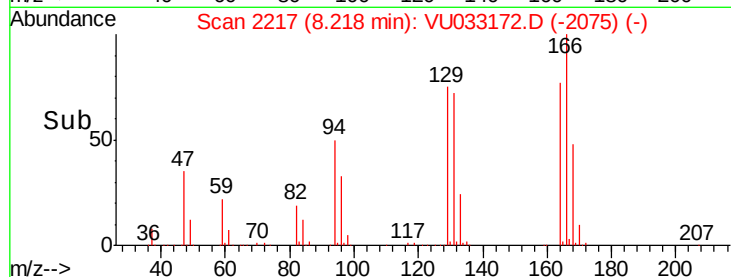
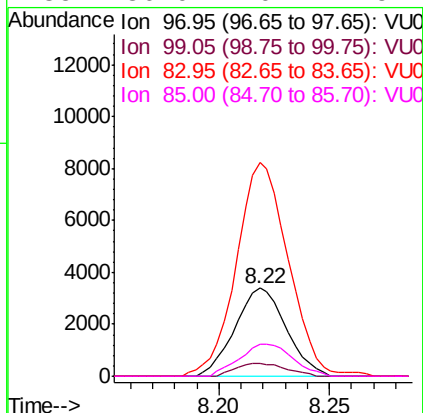
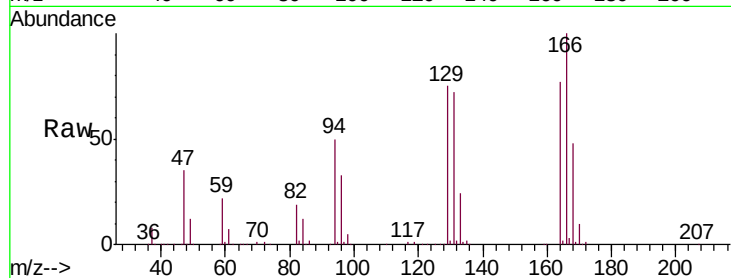




#45
 1,1,2-Trichloroethane
 Concen: 1.156 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.16 min
 Lab File: VU033172.D
 Acq: 03 Jul 2019 14:52

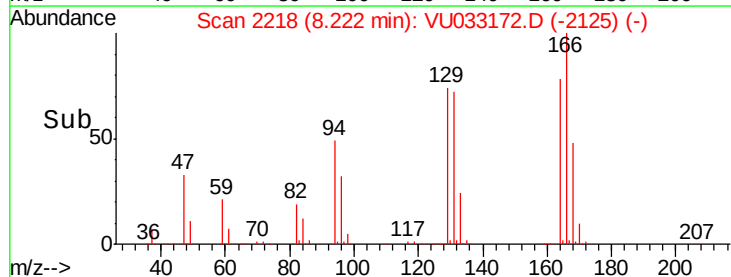
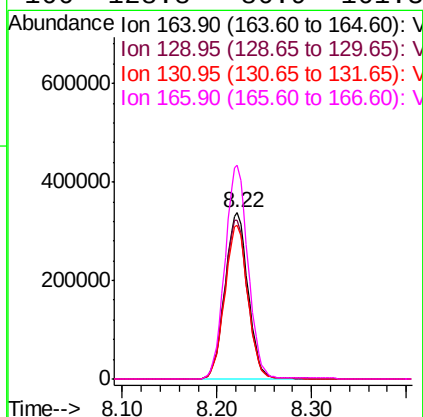
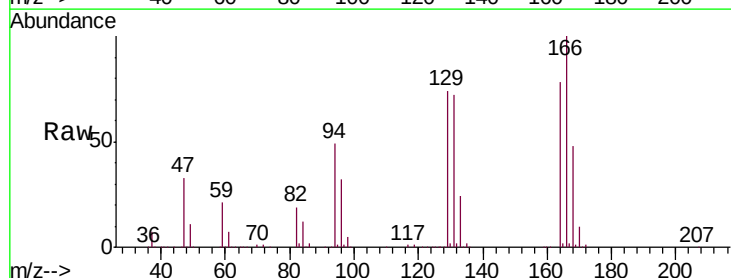
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM85MS

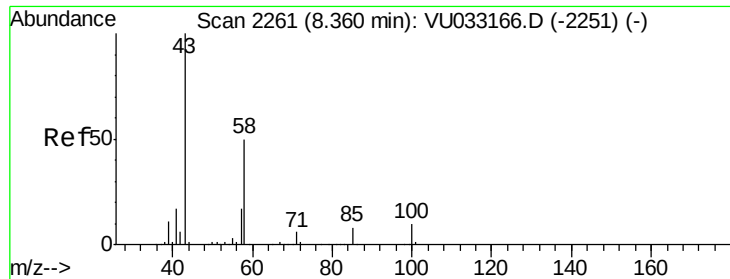
Tgt Ion: 97 Resp: 5483
 Ion Ratio Lower Upper
 97 100
 99 14.5 43.5 80.7#
 83 242.6 60.8 112.8#
 85 36.0 40.7 75.7#



#47
 Tetrachloroethene
 Concen: 103.421 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033172.D
 Acq: 03 Jul 2019 14:52

Tgt Ion: 164 Resp: 576155
 Ion Ratio Lower Upper
 164 100
 129 95.7 65.3 121.3
 131 93.0 60.3 112.1
 166 128.8 86.9 161.3

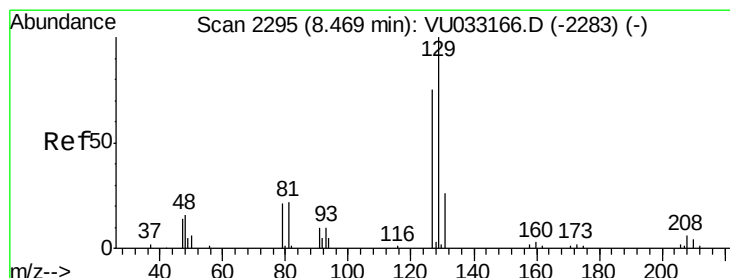
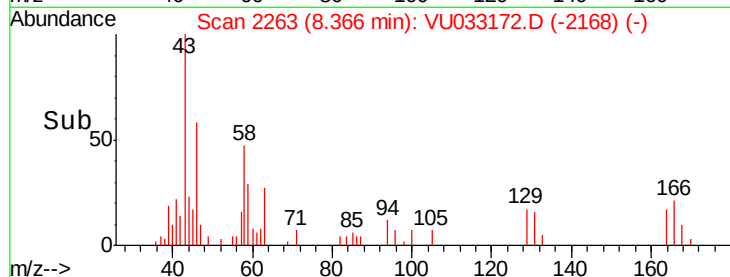
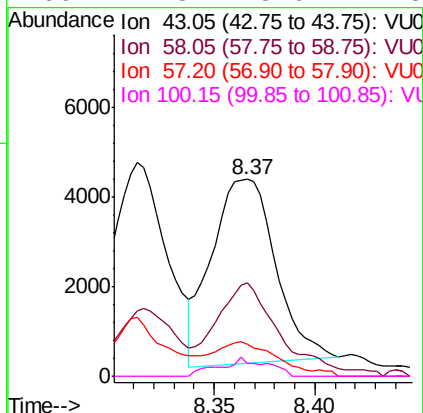
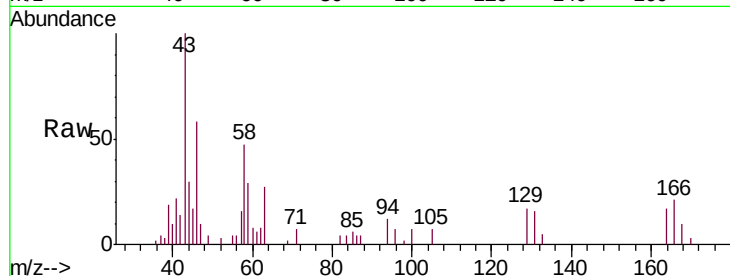




#48
2-Hexanone
Concen: 2.665 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU033172.D
Acq: 03 Jul 2019 14:52

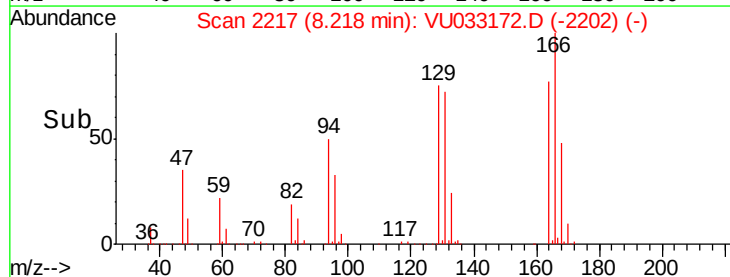
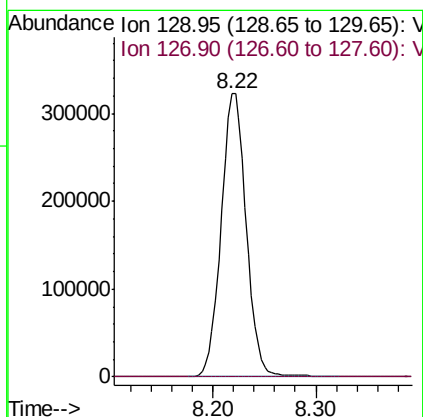
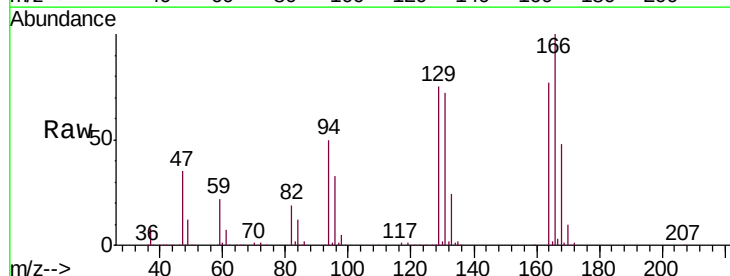
Instrument :
MSVOA_U
ClientSampleId :
GAM85MS

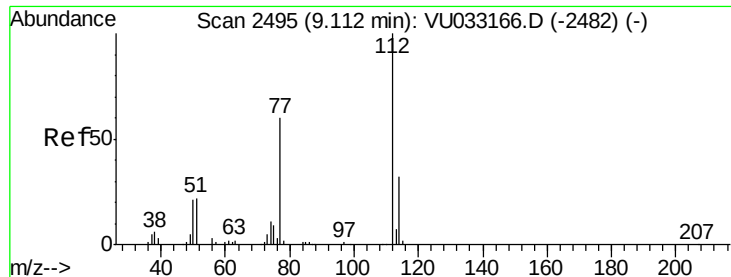
Tgt Ion: 43 Resp: 9078
Ion Ratio Lower Upper
43 100
58 45.2 39.0 58.6
57 18.4 13.9 20.9
100 7.3 8.6 12.8#



#49
Dibromochloromethane
Concen: 92.245 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033172.D
Acq: 03 Jul 2019 14:52

Tgt Ion: 129 Resp: 547247
Ion Ratio Lower Upper
129 100
127 0.1 51.6 95.8#

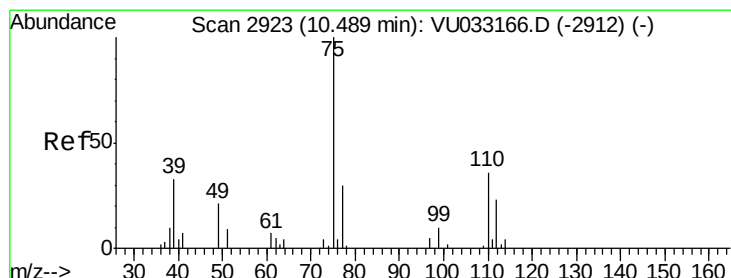
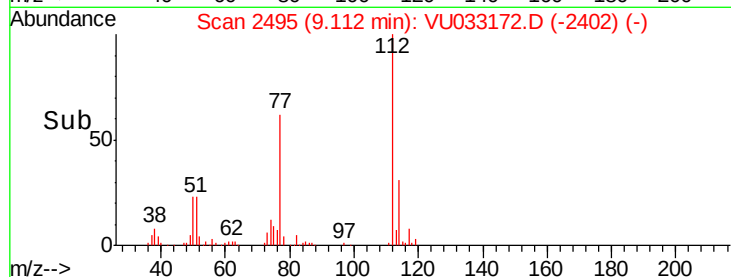
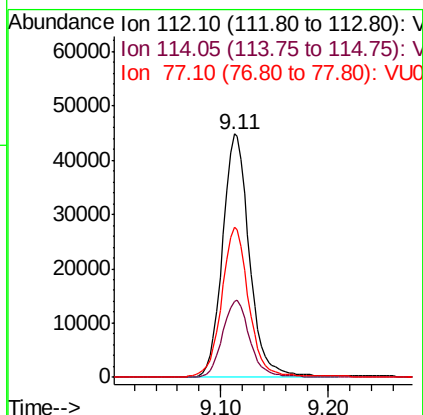
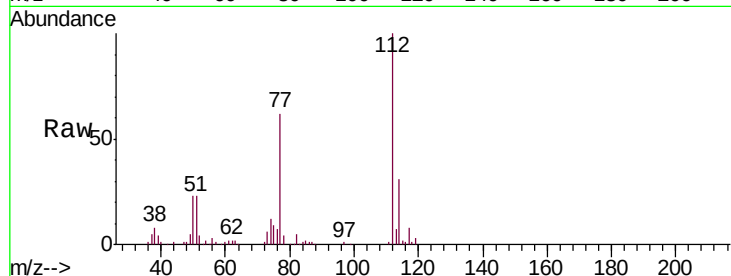




#51
Chlorobenzene
Concen: 4.472 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU033172.D
Acq: 03 Jul 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
GAM85MS

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.0	42.6
77	61.8	48.3	72.5



#59
1,2,3-Trichloropropane
Concen: 0.972 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033172.D
Acq: 03 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.8	38.8

