

Data File : VU026869.D
Acq On : 18 Sep 2018 17:57
Operator : MD/SY
Sample : J4896-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08M4

Quant Time: Sep 19 05:09:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	220088	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	216040	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60060	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.78%
7) Chloroethane-d5	1.68	69	57643	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.72%
11) 1,1-Dichloroethene-d2	2.27	63	90540	29.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.78%#
21) 2-Butanone-d5	4.18	46	124955	115.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.65%
24) Chloroform-d	4.65	84	137804	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
26) 1,2-Dichloroethane-d4	5.31	65	90538	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
32) Benzene-d6	5.34	84	263150	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
36) 1,2-Dichloropropane-d6	6.33	67	91409	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.72%
41) Toluene-d8	7.57	98	220277	40.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.54%
43) trans-1,3-Dichloropropene-	7.85	79	37565	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.26%
47) 2-Hexanone-d5	8.31	63	85964	112.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	133201	48.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	107145	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%

Target Compounds

					Qvalue
8) Chloroethane	1.47	64	6961	5.380 ug/L #	51
13) Acetone	2.32	43	2178	2.051 ug/L	96
27) 1,2-Dichloroethane	5.40	62	2011	0.839 ug/L #	72
33) Benzene	5.39	78	194060	28.973 ug/L	100
37) 1,2-Dichloropropane	6.33	63	9845	5.351 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2030	0.781 ug/L #	63
40) 4-Methyl-2-pentanone	7.39	43	1359	0.622 ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	1543	0.634 ug/L	90
48) 2-Hexanone	8.31	43	10095	5.724 ug/L #	70
51) Chlorobenzene	9.12	112	2170519	471.926 ug/L	98
59) 1,2,3-Trichloropropane	11.42	75	111345	50.520 ug/L #	44
62) 1,3-Dichlorobenzene	11.42	146	400691	113.931 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1730717	446.910 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	379458	97.442 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	1223	2.070 ug/L #	1
67) 1,3,5-Trichlorobenzene	12.89	180	5967	2.193 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	185335	79.026 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\
Quantitation Report (Not Reviewed)

Data File : VU026869.D
Acq On : 18 Sep 2018 17:57
Operator : MD/SY
Sample : J4896-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08M4

Quant Time: Sep 19 05:09:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

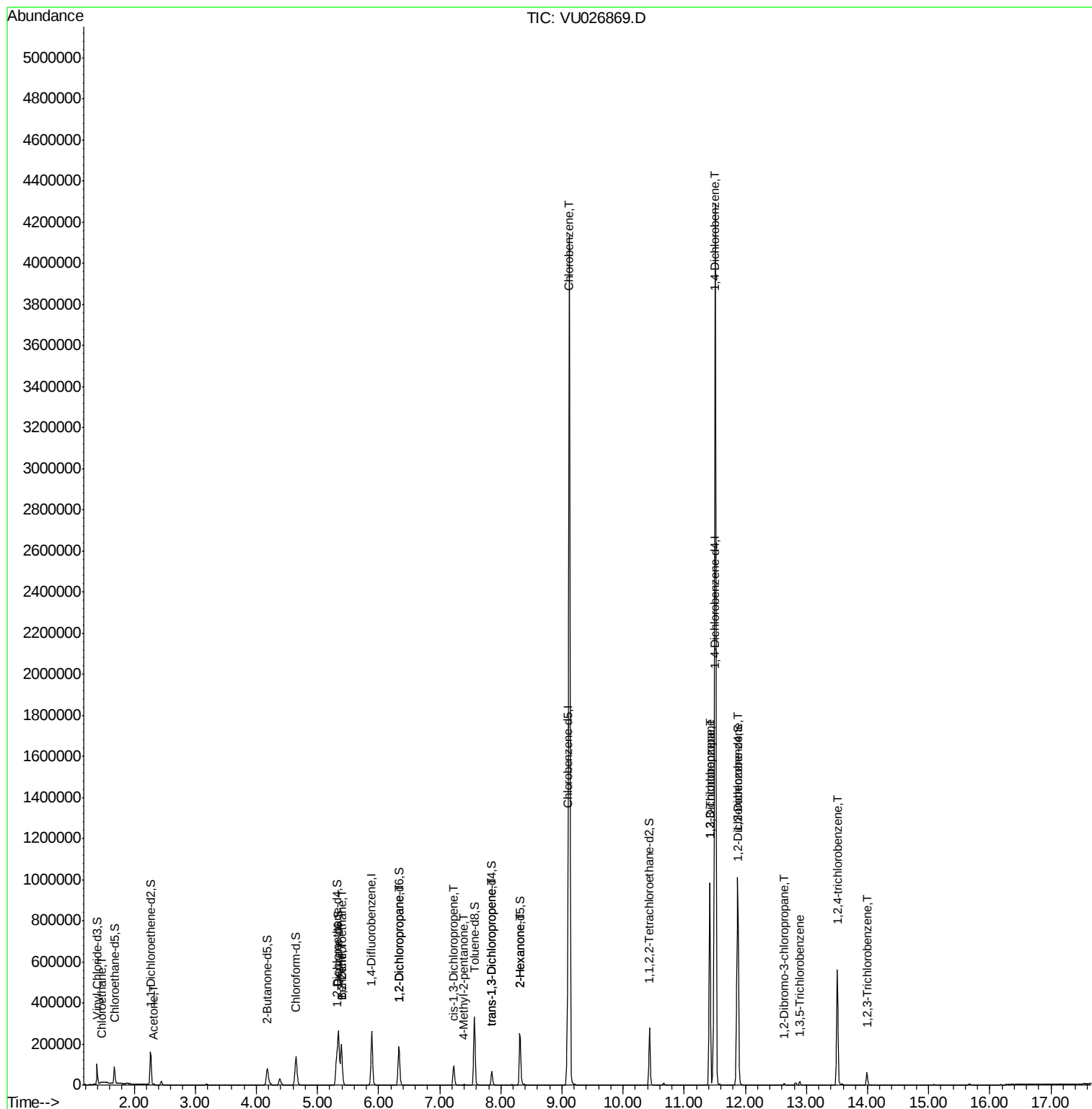
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.99	180	21414	8.292	ug/L	98

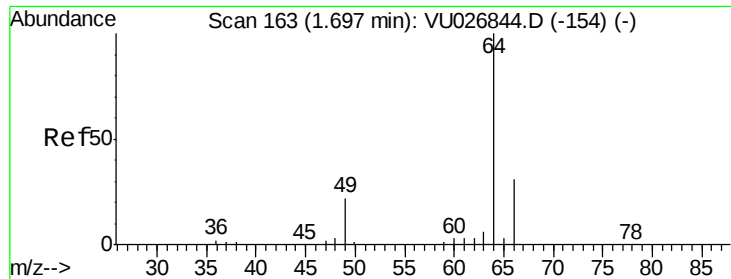
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026869.D
Acq On : 18 Sep 2018 17:57
Operator : MD/SY
Sample : J4896-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08M4

Quant Time: Sep 19 05:09:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 5.380 ug/L

RT: 1.47 min Scan# 91

Delta R.T. -0.23 min

Lab File: VU026869.D

Acq: 18 Sep 2018 17:57

Instrument :

MSVOA_U

ClientSampleId :

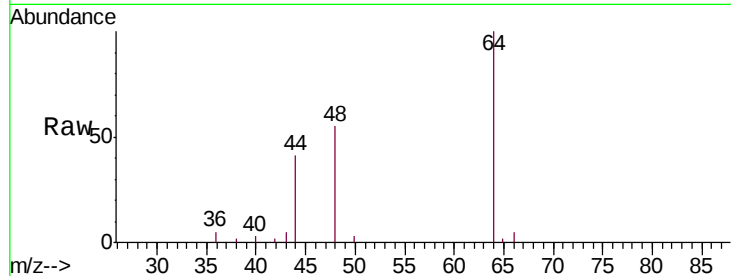
C08M4

Tgt Ion: 64 Resp: 6961

Ion Ratio Lower Upper

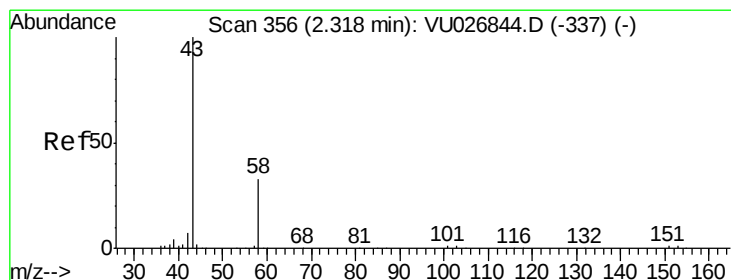
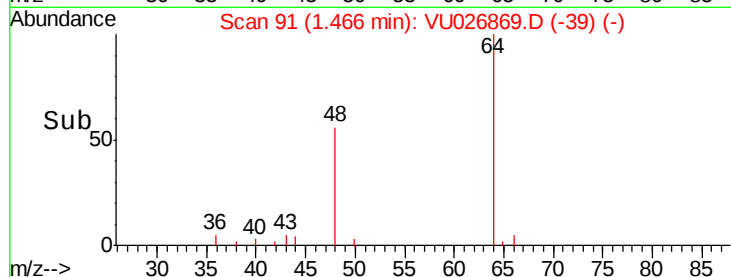
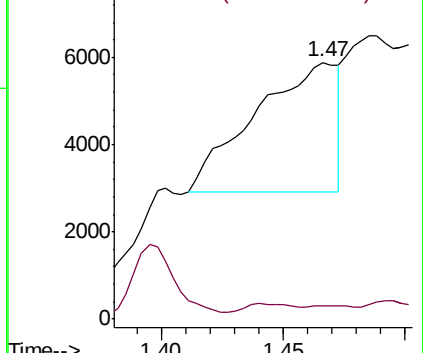
64 100

66 5.2 23.0 42.8#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#13

Acetone

Concen: 2.051 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026869.D

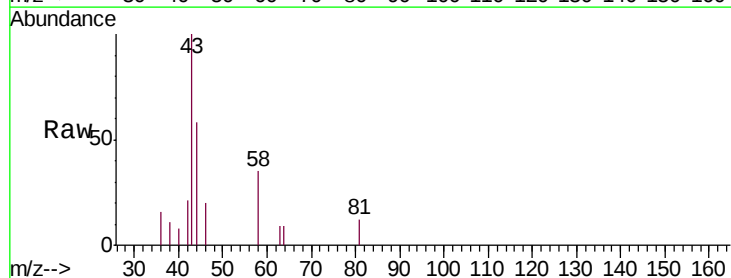
Acq: 18 Sep 2018 17:57

Tgt Ion: 43 Resp: 2178

Ion Ratio Lower Upper

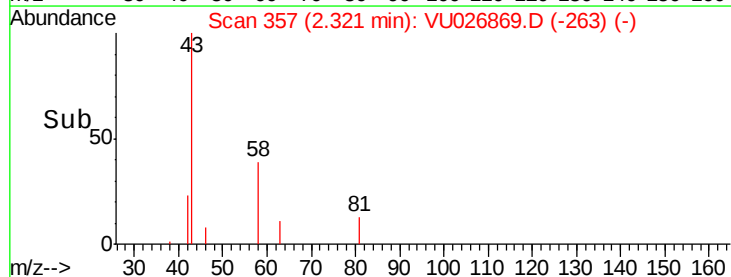
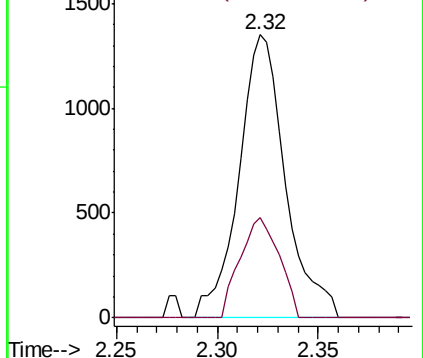
43 100

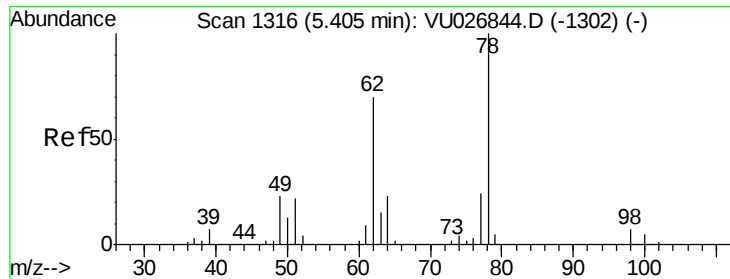
58 30.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

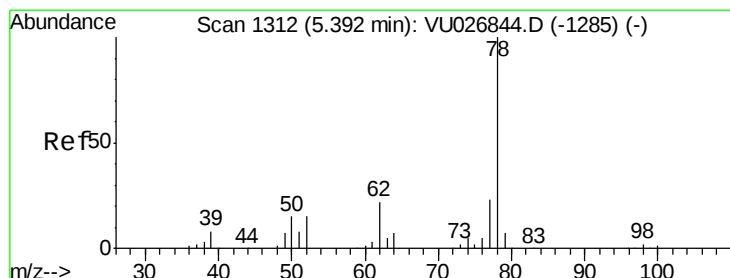
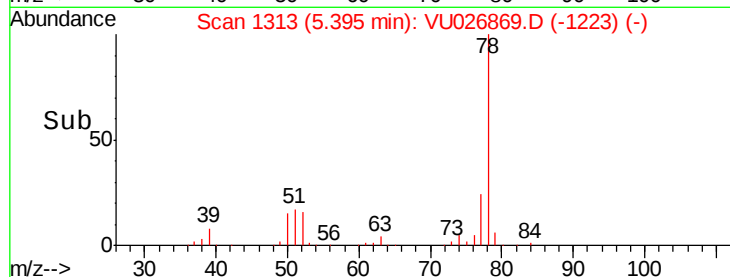
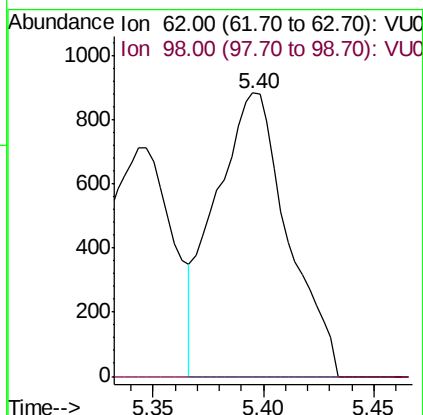
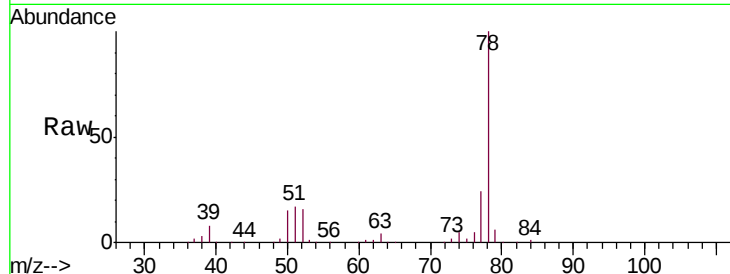




#27
 1,2-Dichloroethane
 Concen: 0.839 ug/L
 RT: 5.40 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

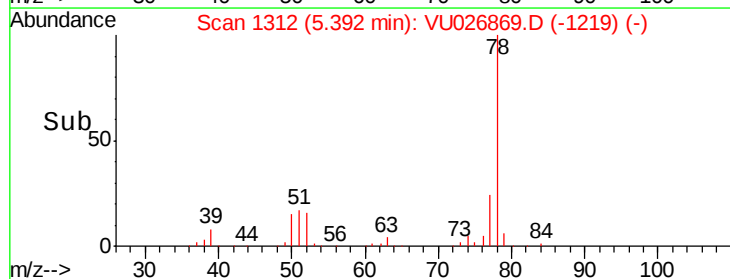
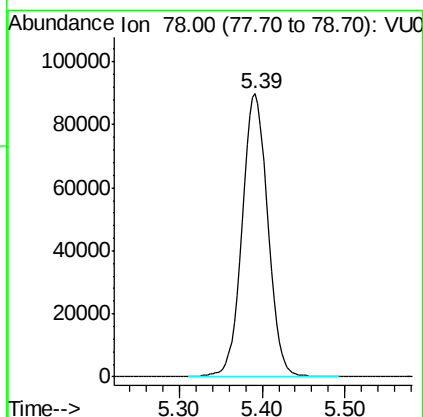
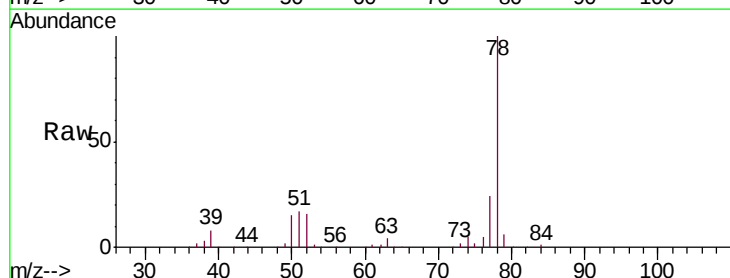
Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

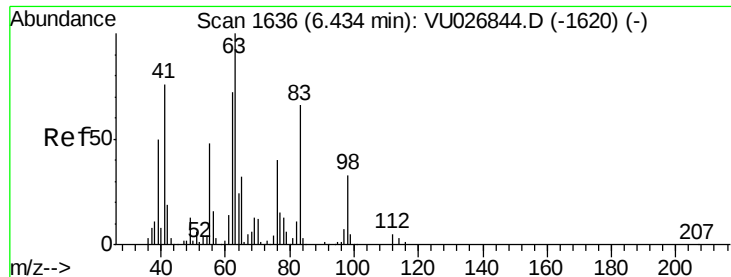
Tgt Ion: 62 Resp: 2011
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#



#33
 Benzene
 Concen: 28.973 ug/L
 RT: 5.39 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

Tgt Ion: 78 Resp: 194060





#37

1,2-Dichloropropane

Concen: 5.351 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026869.D

Acq: 18 Sep 2018 17:57

Instrument :

MSVOA_U

ClientSampleId :

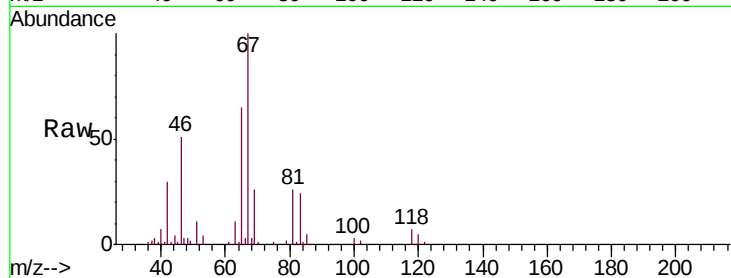
C08M4

Tgt Ion: 63 Resp: 9845

Ion Ratio Lower Upper

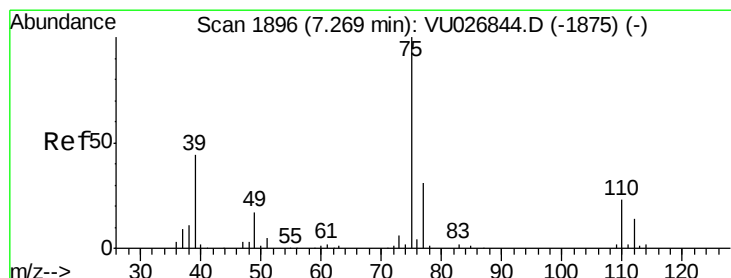
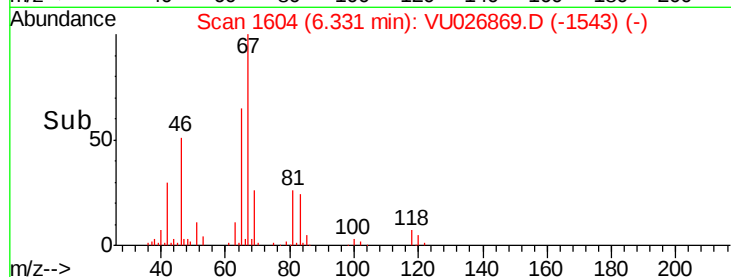
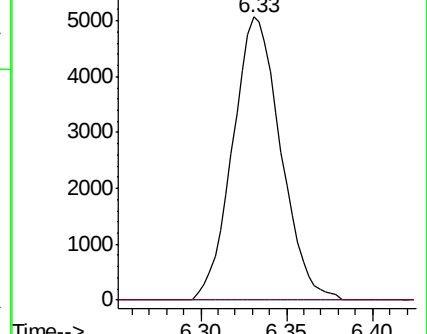
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.781 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU026869.D

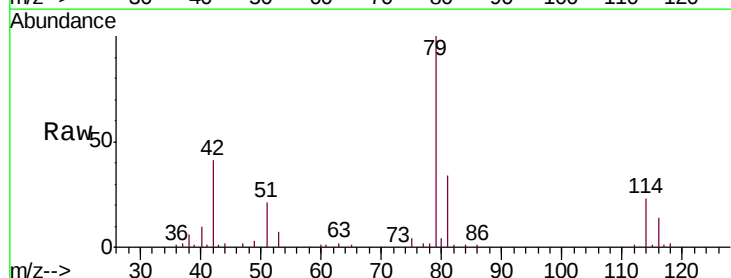
Acq: 18 Sep 2018 17:57

Tgt Ion: 75 Resp: 2030

Ion Ratio Lower Upper

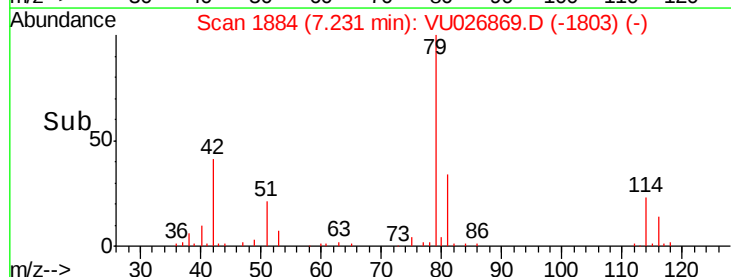
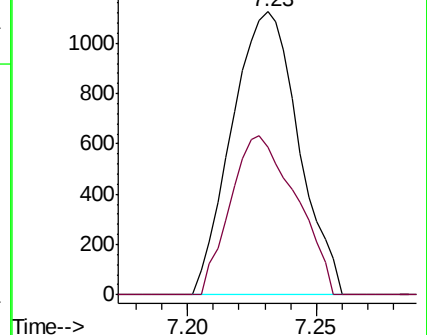
75 100

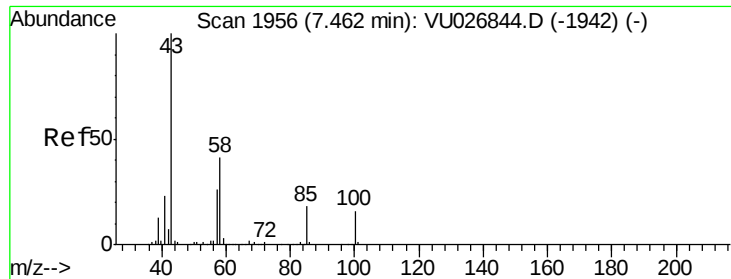
77 52.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

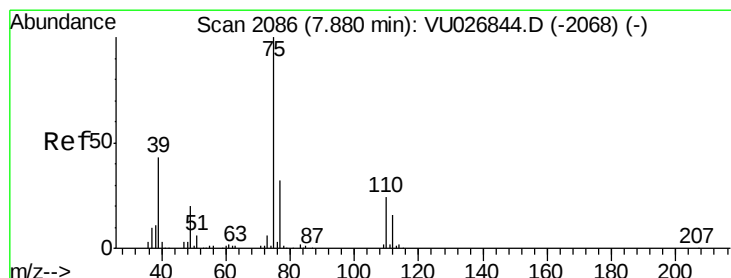
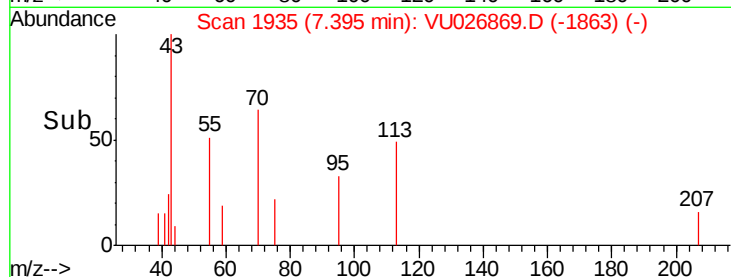
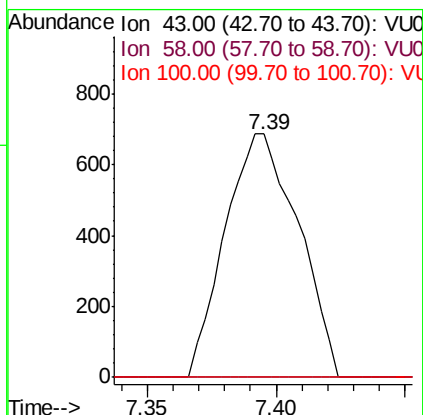
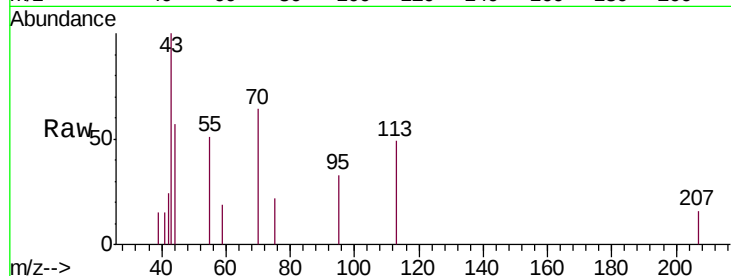




#40
 4-Methyl-2-pentanone
 Concen: 0.622 ug/L
 RT: 7.39 min Scan# 1935
 Delta R.T. -0.07 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

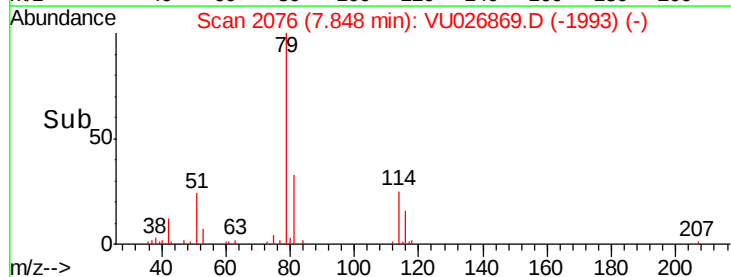
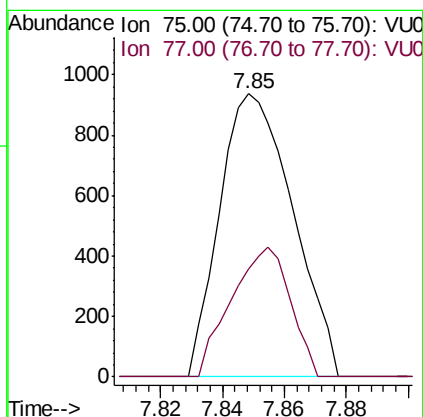
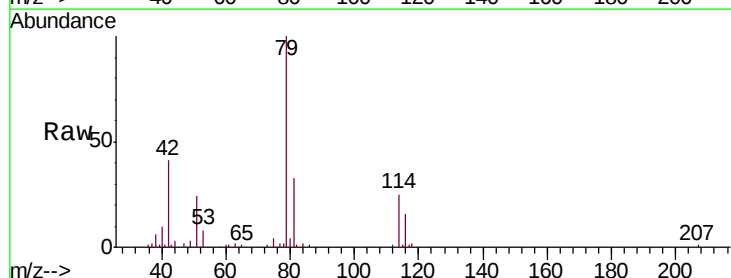
Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

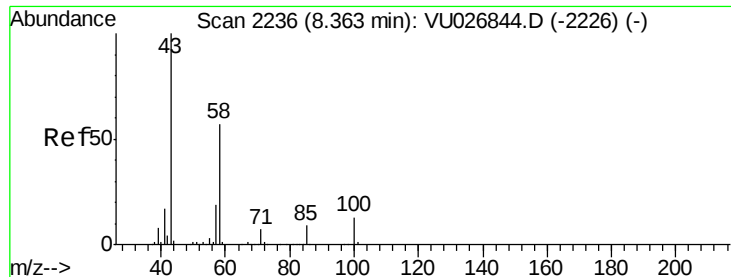
Tgt Ion: 43 Resp: 1359
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.0 48.0#
 100 0.0 12.6 19.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.634 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

Tgt Ion: 75 Resp: 1543
 Ion Ratio Lower Upper
 75 100
 77 38.2 22.8 42.4

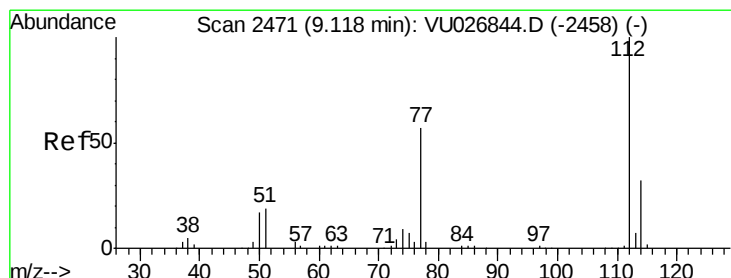
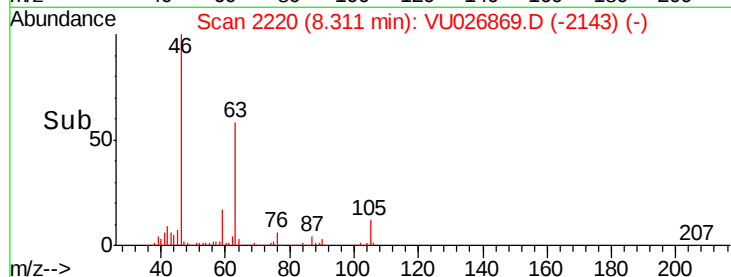
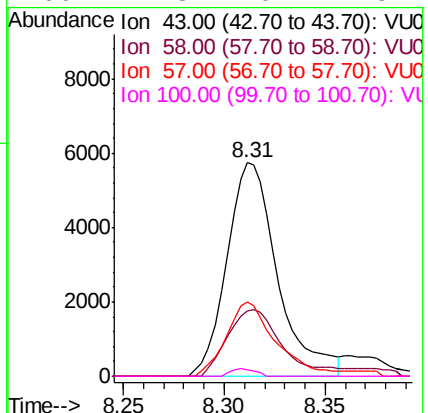
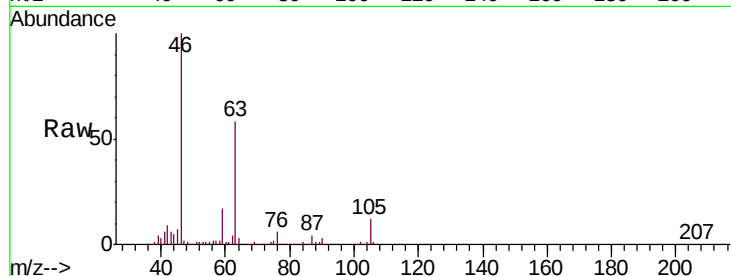




#48
2-Hexanone
Concen: 5.724 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026869.D
Acq: 18 Sep 2018 17:57

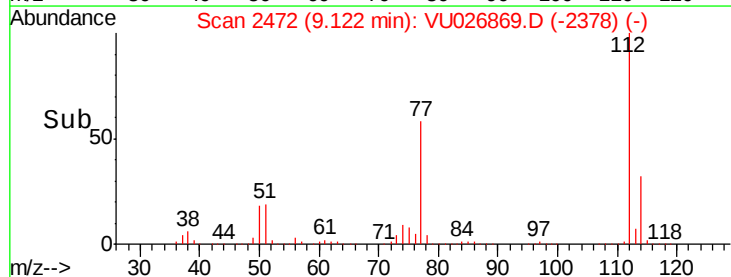
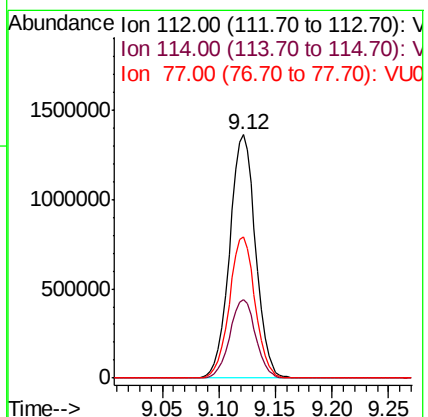
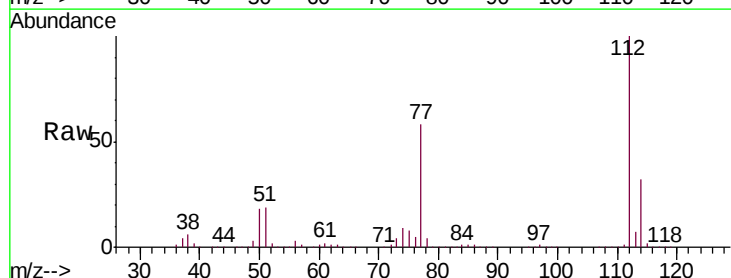
Instrument :
MSVOA_U
ClientSampleId :
C08M4

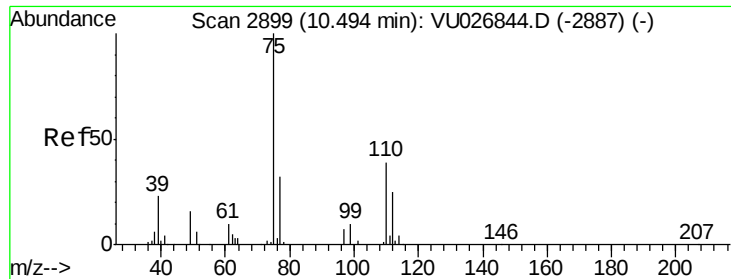
Tgt Ion:	43	Resp:	10095
Ion	Ratio	Lower	Upper
43	100		
58	34.0	44.9	67.3#
57	33.9	15.4	23.2#
100	1.8	10.2	15.4#



#51
Chlorobenzene
Concen: 471.926 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026869.D
Acq: 18 Sep 2018 17:57

Tgt Ion:	112	Resp:	2170519
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.5
77	57.8	45.1	67.7





#59

1,2,3-Trichloropropane

Concen: 50.520 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. 0.92 min

Lab File: VU026869.D

Acq: 18 Sep 2018 17:57

Instrument :

MSVOA_U

ClientSampled :

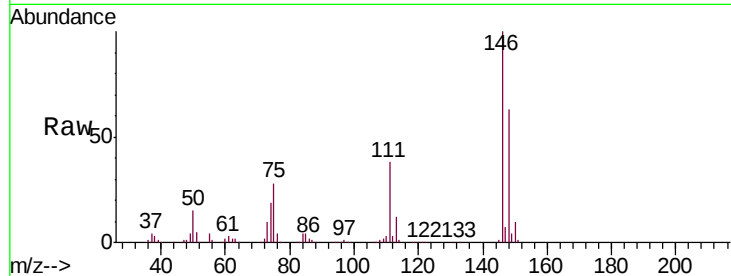
C08M4

Tgt Ion: 75 Resp: 111345

Ion Ratio Lower Upper

75 100

77 0.8 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU026844.D (-2887) (-)

Ion 77.00 (76.70 to 77.70): VU026844.D (-2887) (-)

150000

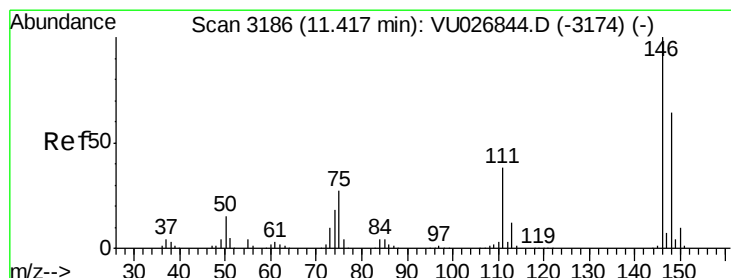
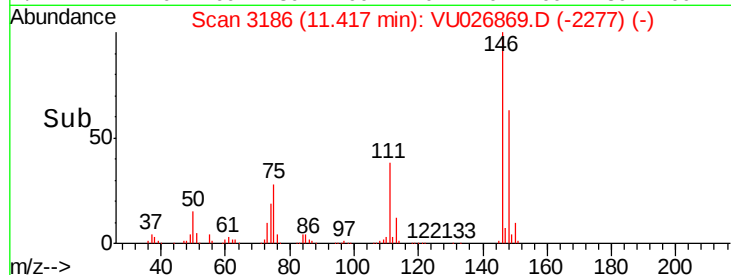
100000

50000

0

11.35 11.40 11.45

Time-->



#62

1,3-Dichlorobenzene

Concen: 113.931 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU026869.D

Acq: 18 Sep 2018 17:57

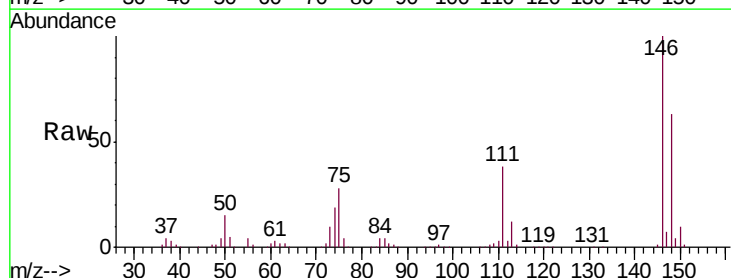
Tgt Ion: 146 Resp: 400691

Ion Ratio Lower Upper

146 100

111 37.8 26.7 49.7

148 63.3 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): VU026844.D (-3174) (-)

Ion 111.00 (110.70 to 111.70): VU026844.D (-3174) (-)

Ion 148.00 (147.70 to 148.70): VU026844.D (-3174) (-)

1500000

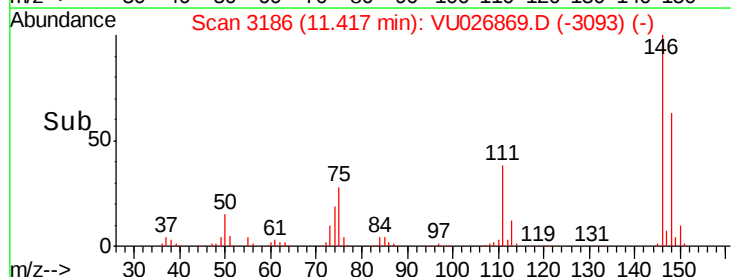
1000000

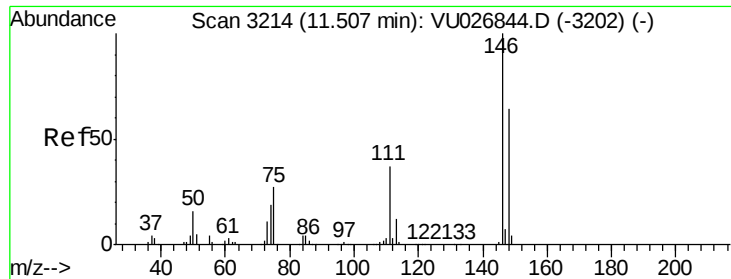
500000

0

11.35 11.40 11.45

Time-->

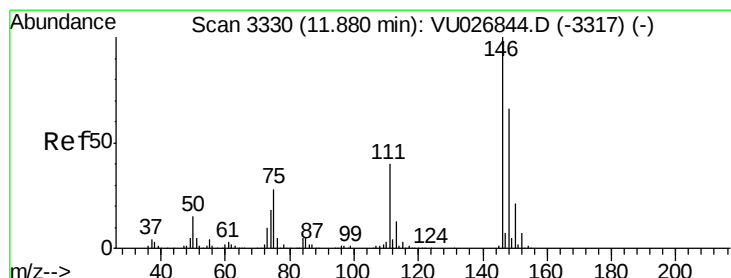
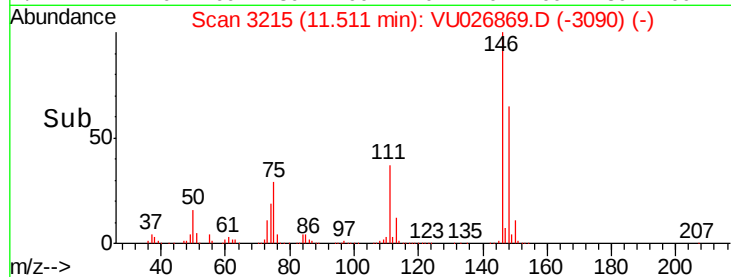
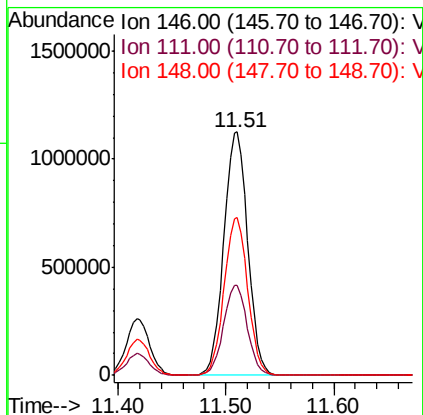
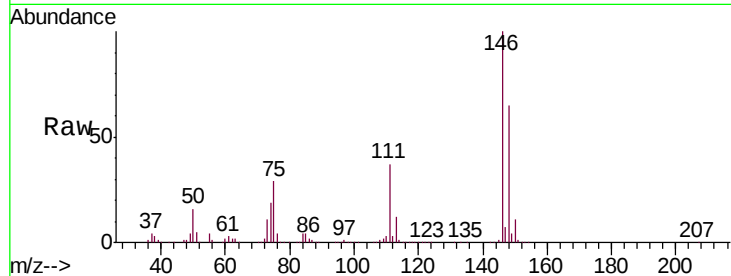




#63
 1,4-Dichlorobenzene
 Concen: 446.910 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

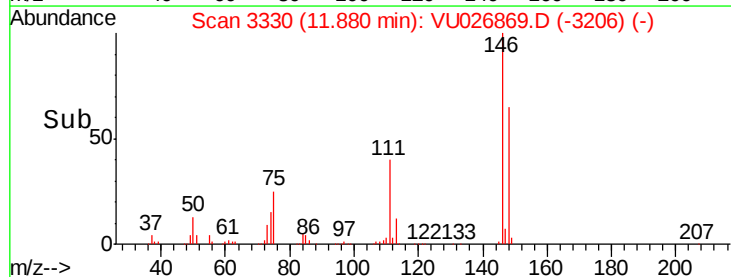
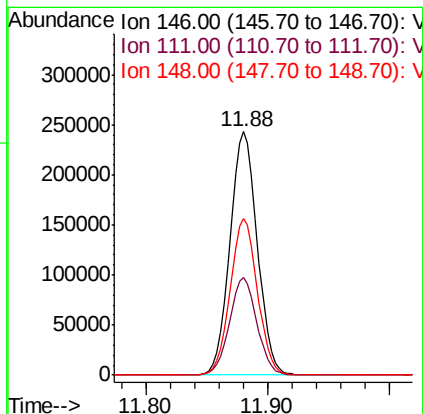
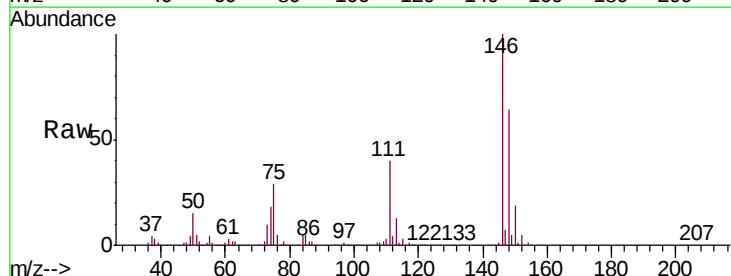
Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

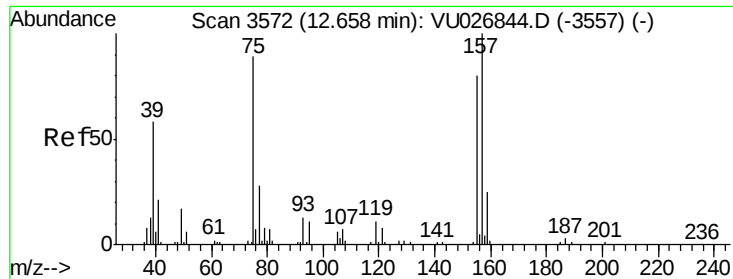
Tgt Ion:146 Resp: 1730717
 Ion Ratio Lower Upper
 146 100
 111 36.8 26.0 48.2
 148 64.7 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 97.442 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

Tgt Ion:146 Resp: 379458
 Ion Ratio Lower Upper
 146 100
 111 40.0 31.4 47.0
 148 64.4 51.4 77.2

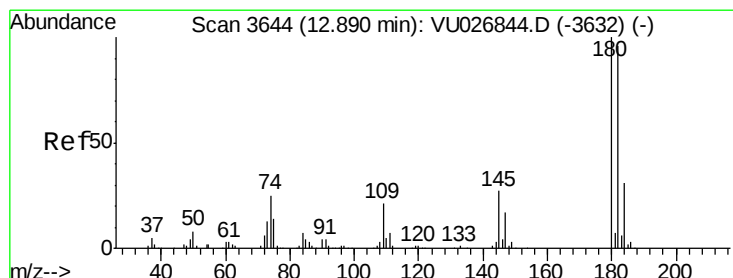
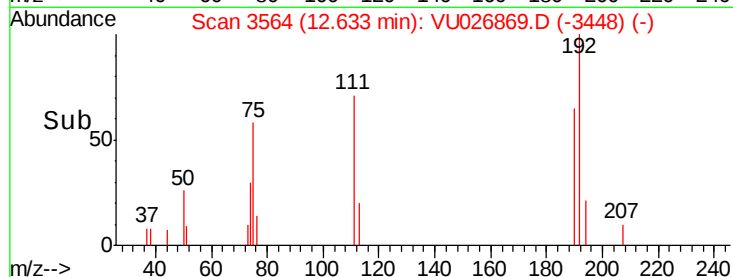
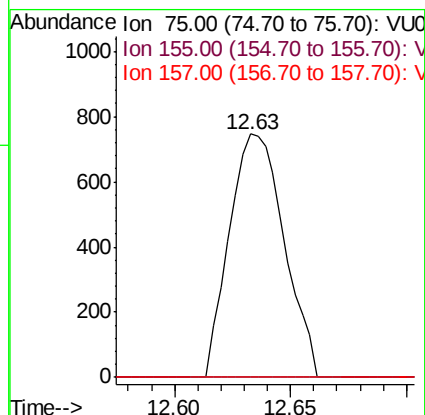
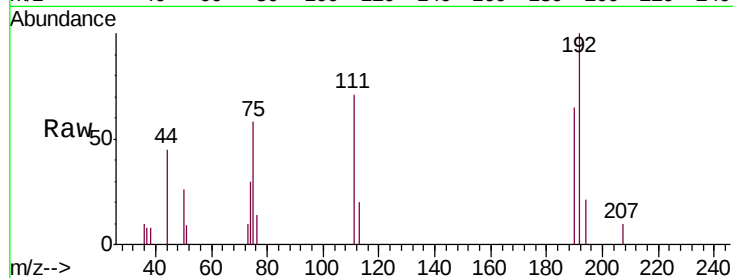




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.070 ug/L
 RT: 12.63 min Scan# 3564
 Delta R.T. -0.03 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

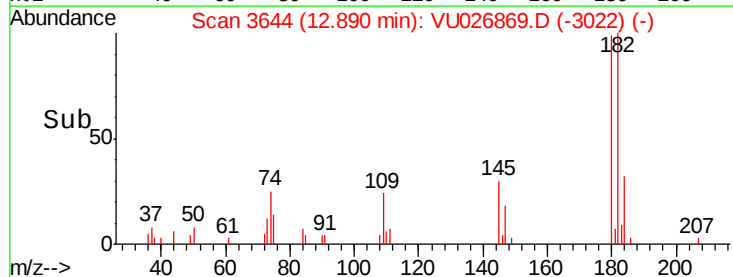
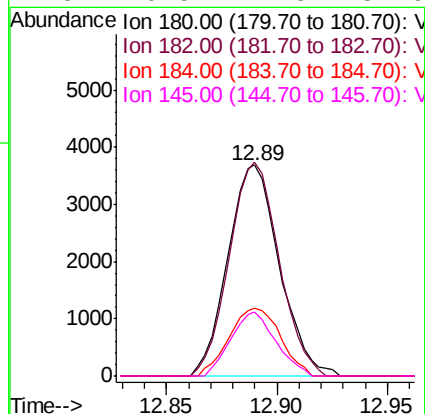
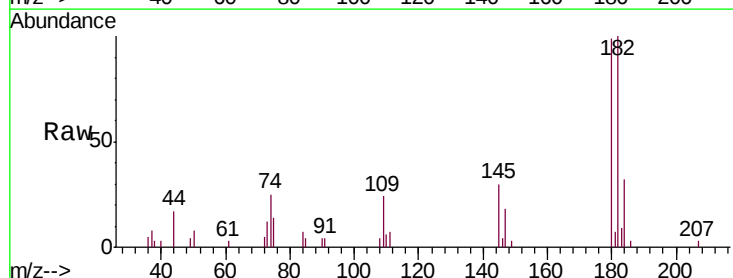
Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

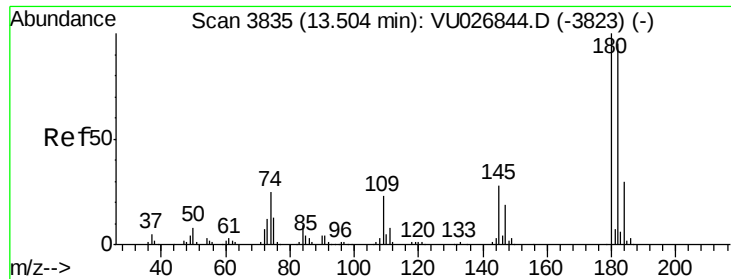
Tgt Ion: 75 Resp: 1223
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.5 104.3#
 157 0.0 90.5 135.7#



#67
 1,3,5-Trichlorobenzene
 Concen: 2.193 ug/L
 RT: 12.89 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

Tgt Ion: 180 Resp: 5967
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.7 115.1
 184 31.9 24.2 36.4
 145 26.5 21.8 32.6

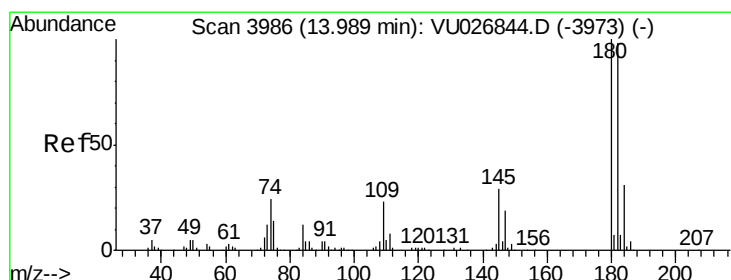
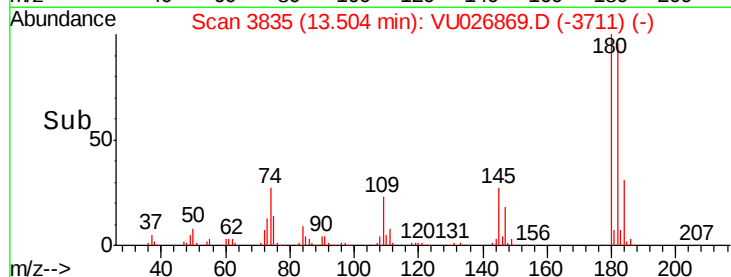
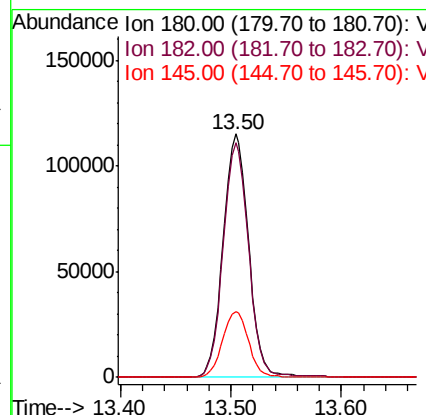
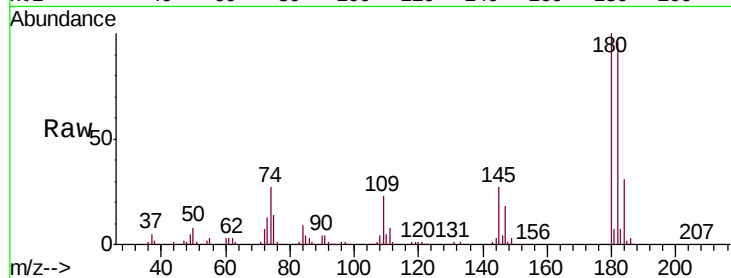




#68
 1,2,4-trichlorobenzene
 Concen: 79.026 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

Tgt Ion:180 Resp: 185335
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 27.4 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 8.292 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026869.D
 Acq: 18 Sep 2018 17:57

Tgt Ion:180 Resp: 21414
 Ion Ratio Lower Upper
 180 100
 182 92.1 75.6 113.4
 145 28.6 23.8 35.6

