

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026779.D
 Acq On : 15 Sep 2018 15:49
 Operator : MD/SY
 Sample : J4920-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL00

Quant Time: Sep 17 05:19:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 05:13:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	132162	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44395	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.68	69	37417	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.27	63	61133	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.20	46	110867	50.04	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	4.65	84	74241	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	41049	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.34	84	156097	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	50197	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.57	98	127409	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.85	79	15821	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.32	63	74967	49.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	38987	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	50496	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	1084	0.077 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	496	0.047 ug/L #	18
13) Acetone	2.32	43	13059	6.629 ug/L	99
15) Methyl Acetate	2.45	43	10830	2.096 ug/L #	52
21) 2-Butanone	4.29	43	4594	1.412 ug/L	95
25) Chloroform	4.68	83	2082	0.107 ug/L	81
35) Methylcyclohexane	6.33	83	11727	0.655 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5658	0.493 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1064	0.069 ug/L #	56
42) Toluene	7.64	91	7930	0.181 ug/L	98
48) 2-Hexanone	8.32	43	9727	2.034 ug/L #	70
55) Styrene	9.80	104	4759	0.169 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	6346	0.940 ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	1530	0.072 ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	1200	0.061 ug/L #	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026779.D
Acq On : 15 Sep 2018 15:49
Operator : MD/SY
Sample : J4920-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COL00

Quant Time: Sep 17 05:19:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 05:13:11 2018
Response via : Initial Calibration

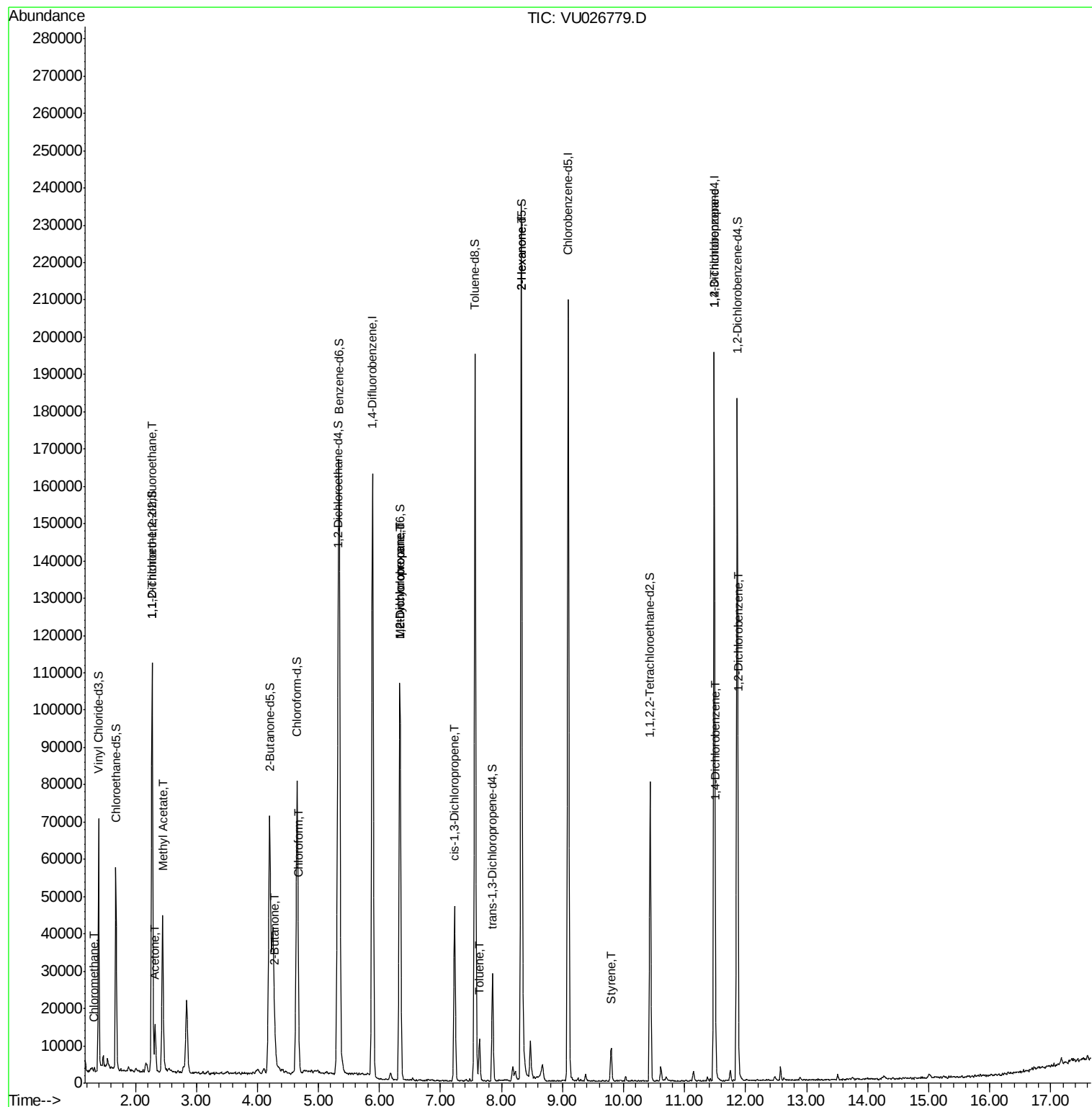
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

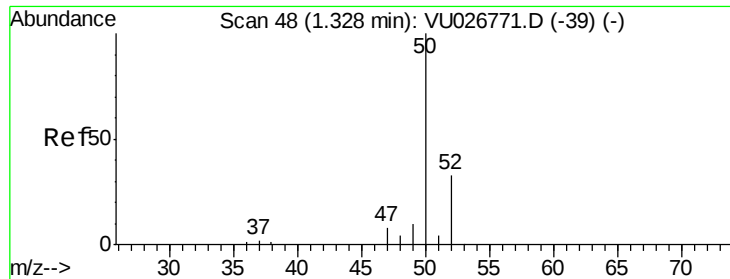
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026779.D
Acq On : 15 Sep 2018 15:49
Operator : MD/SY
Sample : J4920-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COL00

Quant Time: Sep 17 05:19:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 05:13:11 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.077 ug/L

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU026779.D

Acq: 15 Sep 2018 15:49

Instrument :

MSVOA_U

ClientSampled :

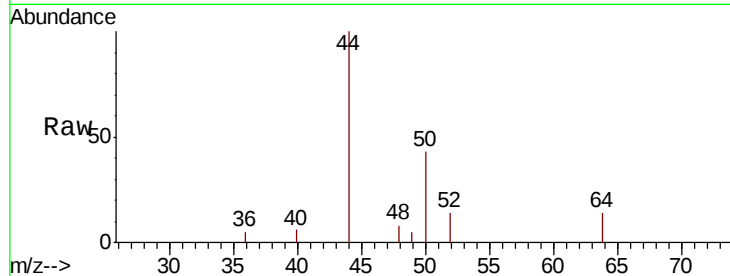
COL00

Tgt Ion: 50 Resp: 1084

Ion Ratio Lower Upper

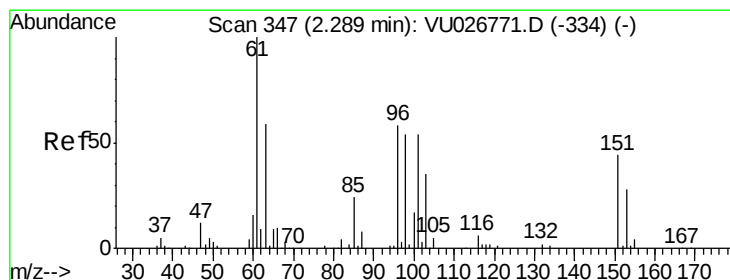
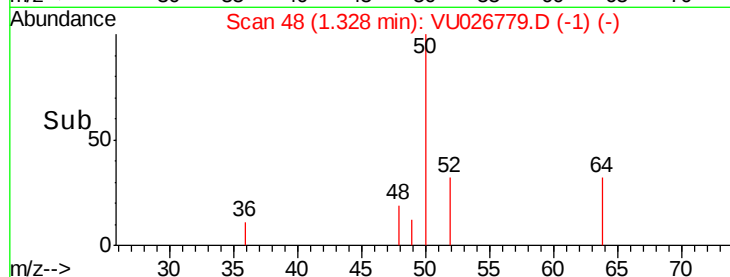
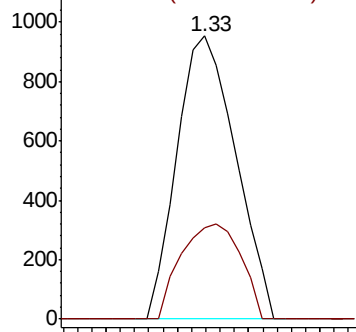
50 100

52 32.3 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.047 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026779.D

Acq: 15 Sep 2018 15:49

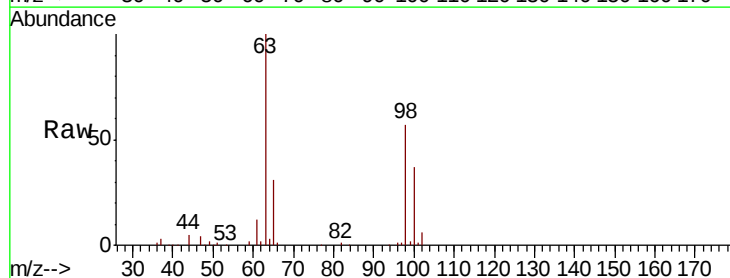
Tgt Ion: 101 Resp: 496

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

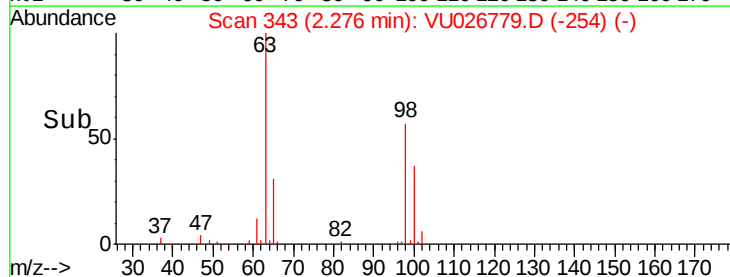
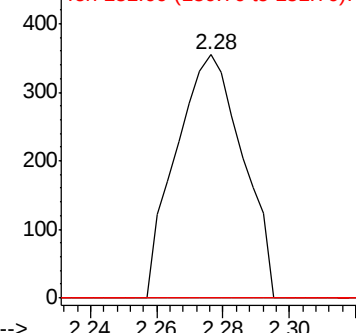
151 0.0 63.3 94.9#

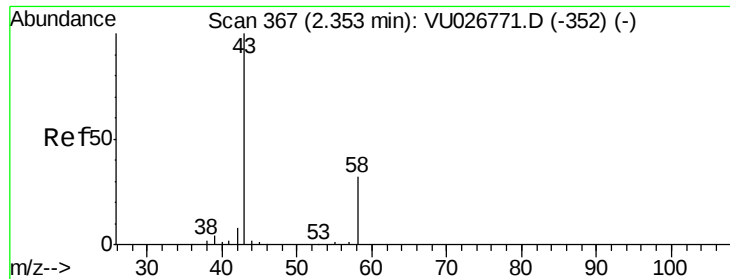


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 6.629 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.03 min

Lab File: VU026779.D

Acq: 15 Sep 2018 15:49

Instrument :

MSVOA_U

ClientSampleId :

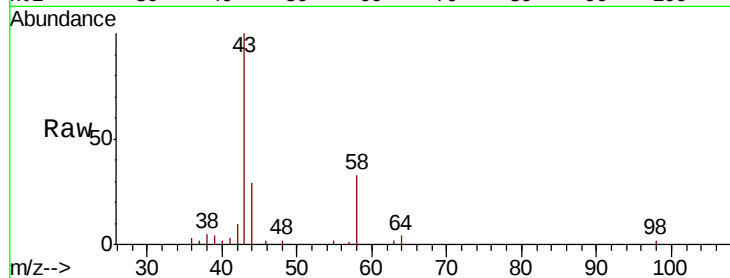
COL00

Tgt Ion: 43 Resp: 13059

Ion Ratio Lower Upper

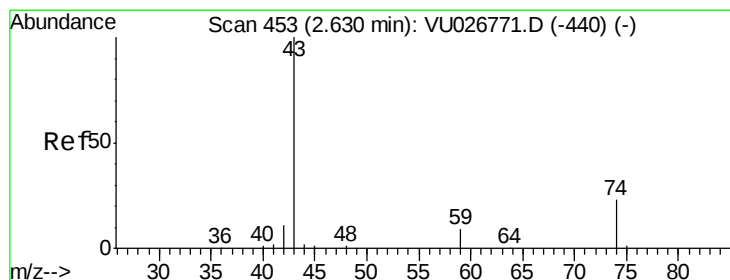
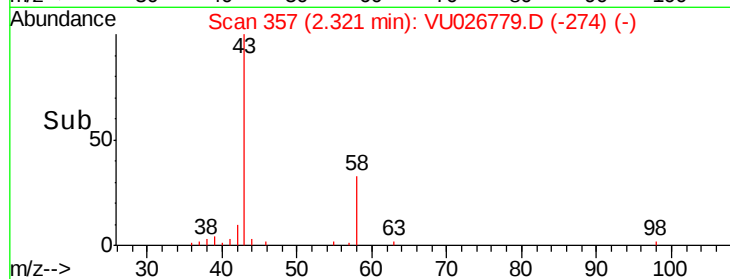
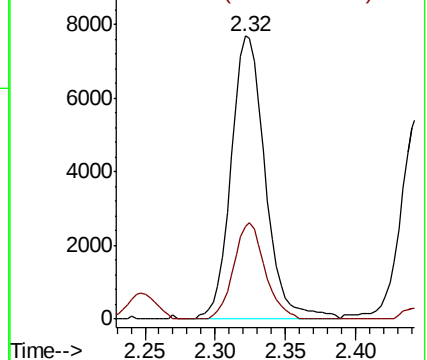
43 100

58 31.1 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 2.096 ug/L

RT: 2.45 min Scan# 396

Delta R.T. -0.18 min

Lab File: VU026779.D

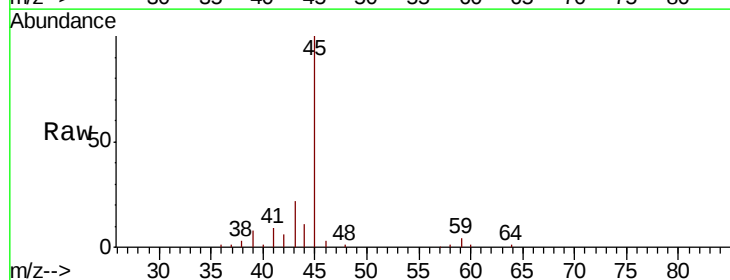
Acq: 15 Sep 2018 15:49

Tgt Ion: 43 Resp: 10830

Ion Ratio Lower Upper

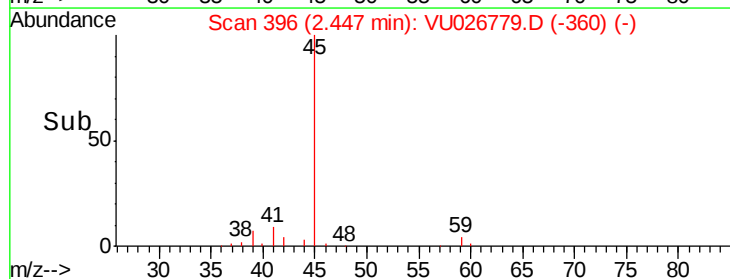
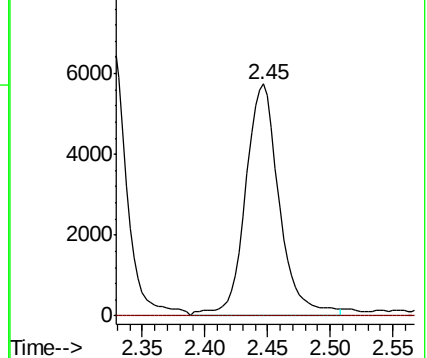
43 100

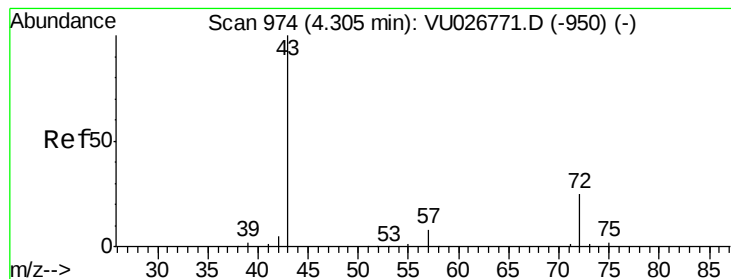
74 0.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#21

2-Butanone

Concen: 1.412 ug/L

RT: 4.29 min Scan# 969

Delta R.T. -0.02 min

Lab File: VU026779.D

Acq: 15 Sep 2018 15:49

Instrument :

MSVOA_U

ClientSampleId :

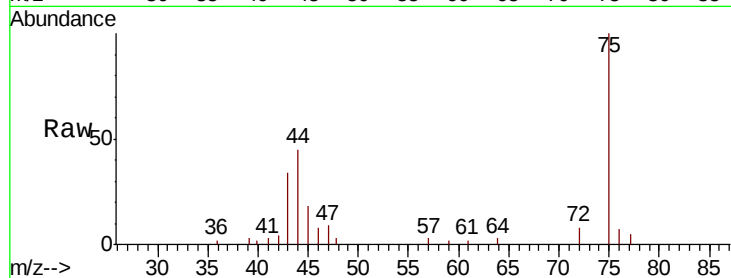
COL00

Tgt Ion: 43 Resp: 4594

Ion Ratio Lower Upper

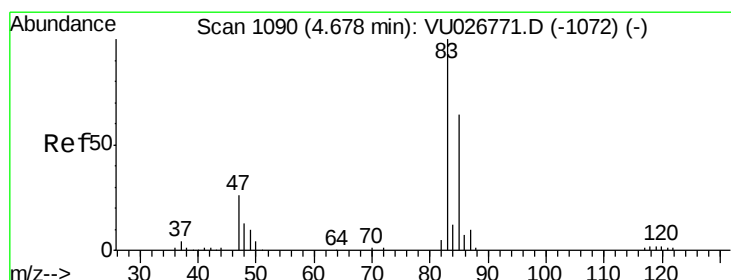
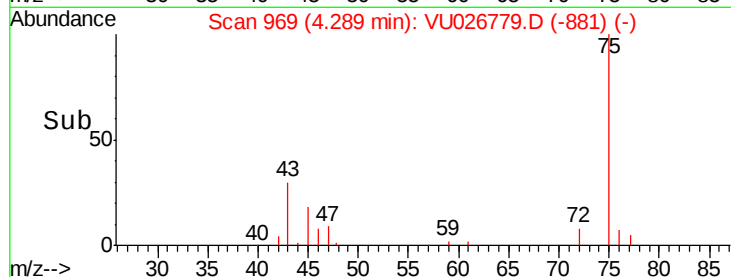
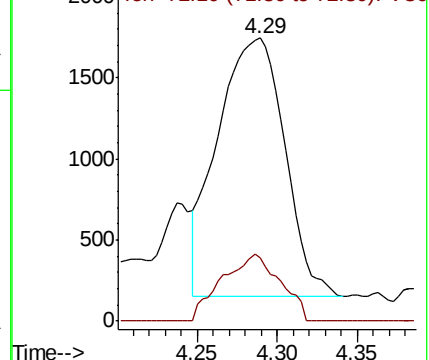
43 100

72 22.4 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



#25

Chloroform

Concen: 0.107 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU026779.D

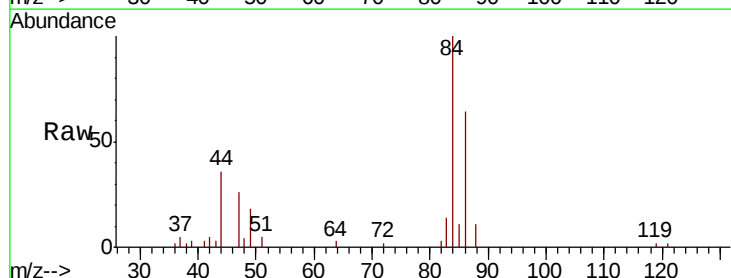
Acq: 15 Sep 2018 15:49

Tgt Ion: 83 Resp: 2082

Ion Ratio Lower Upper

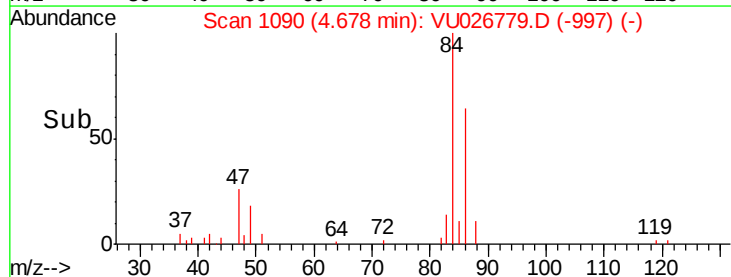
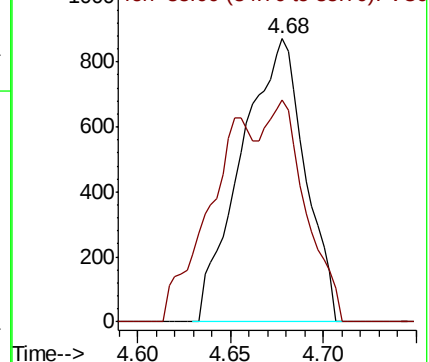
83 100

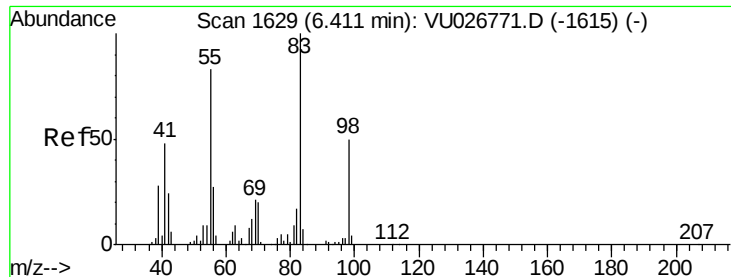
85 78.5 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

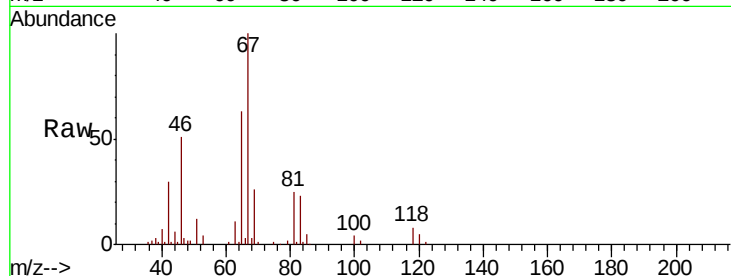




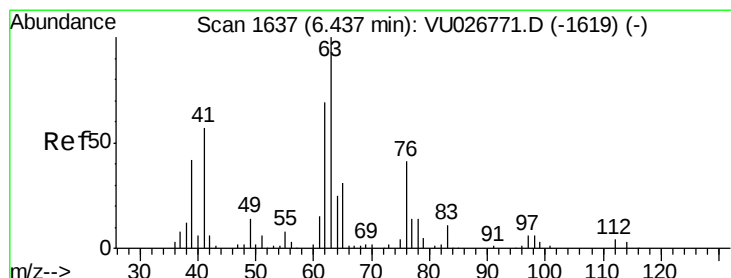
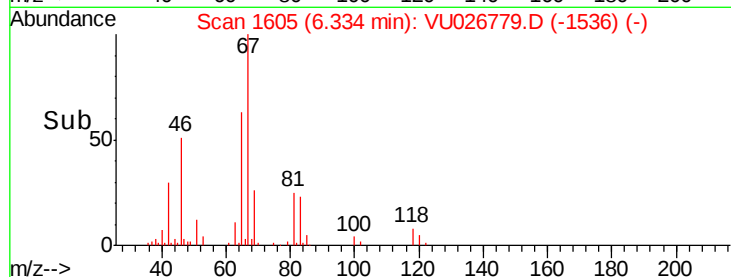
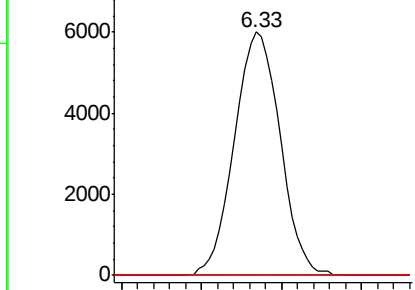
#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026779.D
Acq: 15 Sep 2018 15:49

Instrument :
MSVOA_U
ClientSampleId :
COL00

Tgt Ion: 83 Resp: 11727
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 0.0 39.3 58.9#

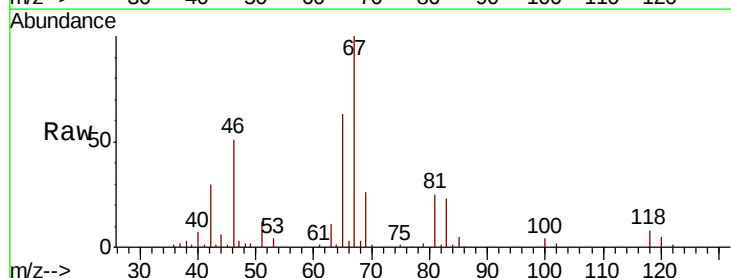


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

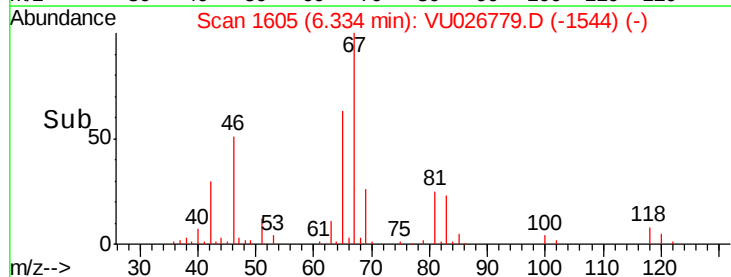
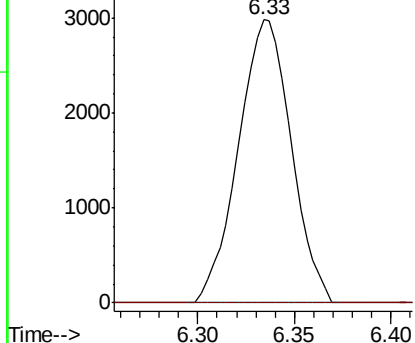


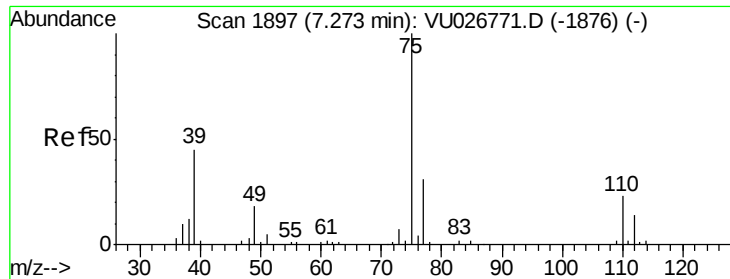
#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026779.D
Acq: 15 Sep 2018 15:49

Tgt Ion: 63 Resp: 5658
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

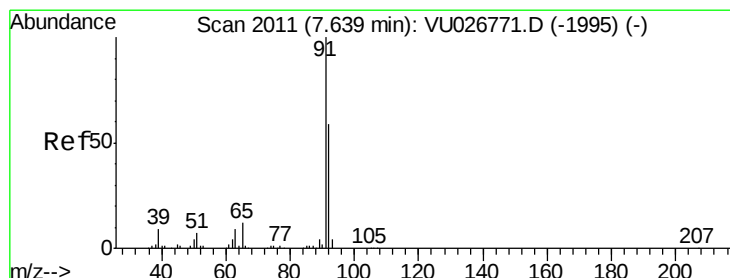
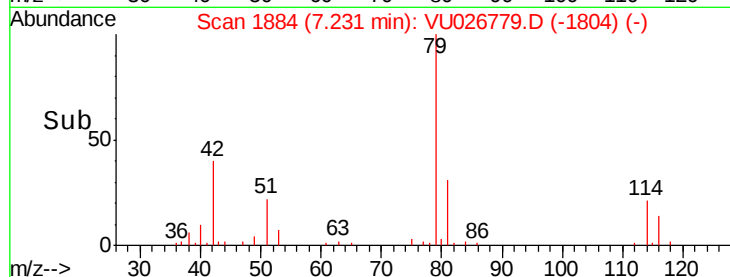
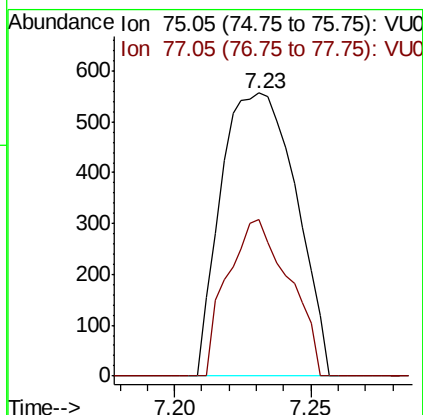
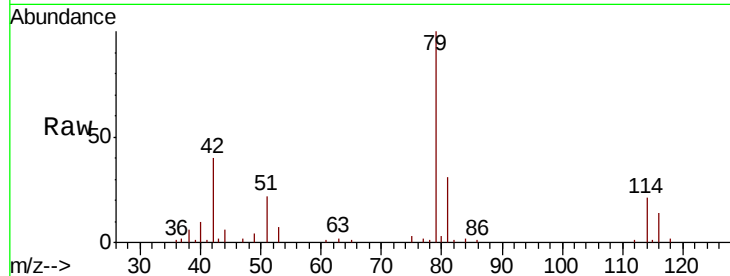




#39
 cis-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026779.D
 Acq: 15 Sep 2018 15:49

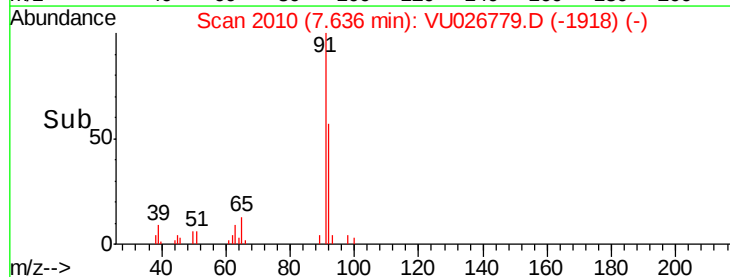
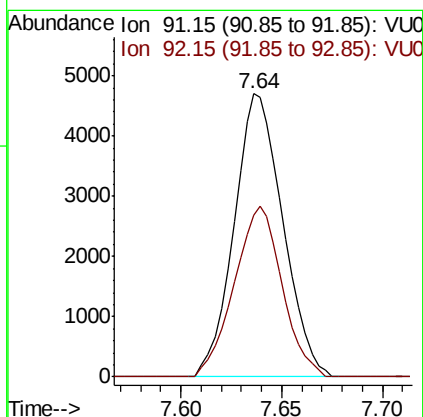
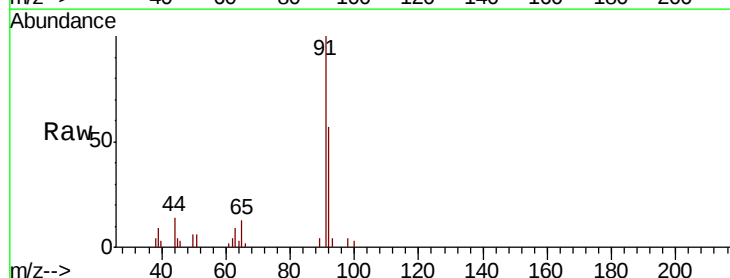
Instrument :
 MSVOA_U
 ClientSampleId :
 COL00

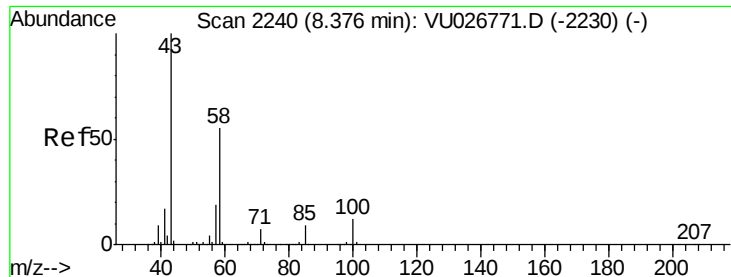
Tgt Ion: 75 Resp: 1064
 Ion Ratio Lower Upper
 75 100
 77 55.1 21.7 40.3#



#42
 Toluene
 Concen: 0.181 ug/L
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU026779.D
 Acq: 15 Sep 2018 15:49

Tgt Ion: 91 Resp: 7930
 Ion Ratio Lower Upper
 91 100
 92 57.1 40.9 76.0

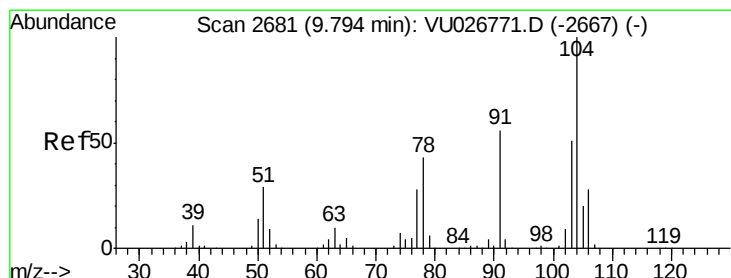
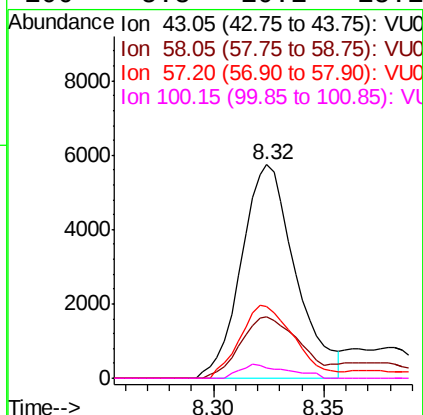
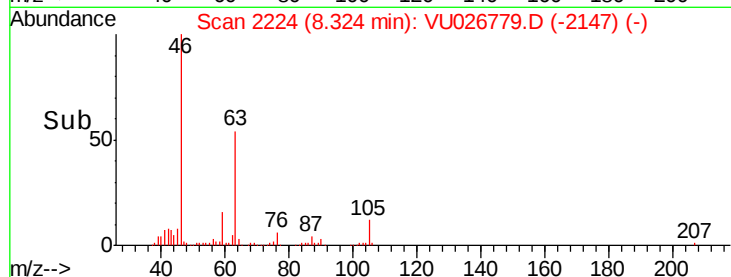
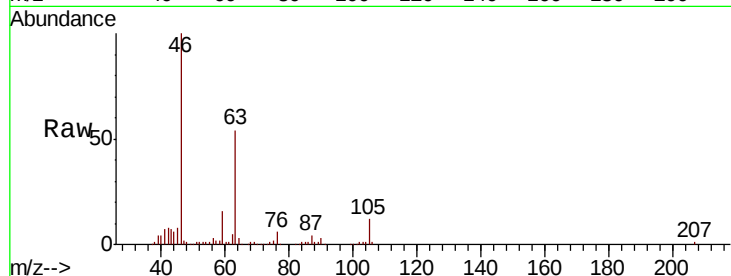




#48
2-Hexanone
Concen: 2.034 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.05 min
Lab File: VU026779.D
Acq: 15 Sep 2018 15:49

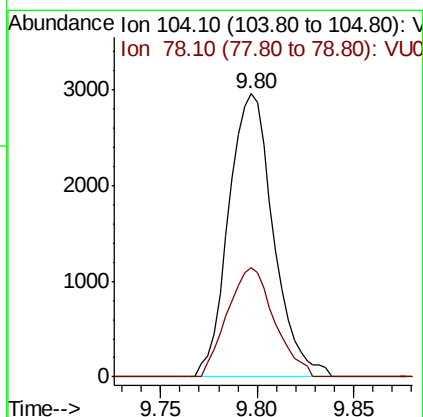
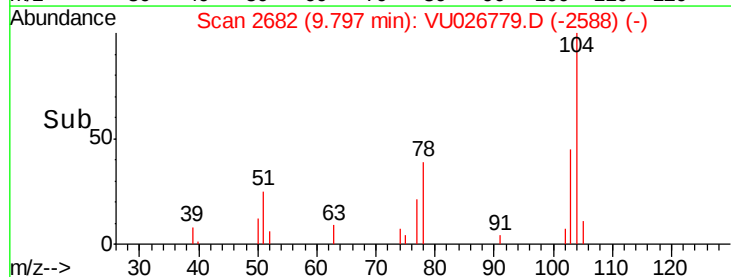
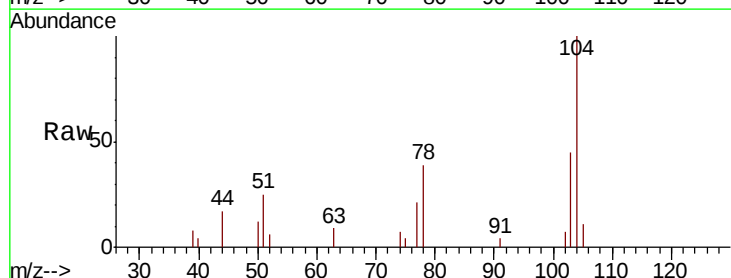
Instrument :
MSVOA_U
ClientSampleId :
COL00

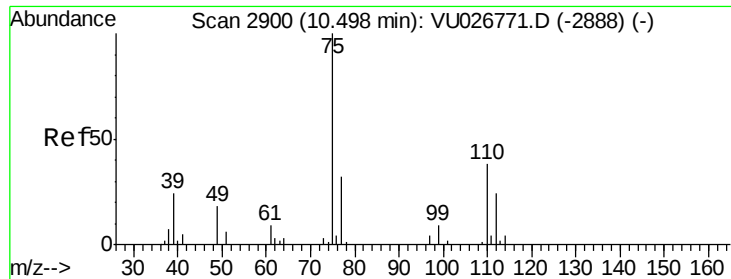
Tgt Ion: 43 Resp: 9727
Ion Ratio Lower Upper
43 100
58 31.9 43.7 65.5#
57 34.4 15.2 22.8#
100 5.8 10.1 15.1#



#55
Styrene
Concen: 0.169 ug/L
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU026779.D
Acq: 15 Sep 2018 15:49

Tgt Ion: 104 Resp: 4759
Ion Ratio Lower Upper
104 100
78 38.8 30.4 56.4

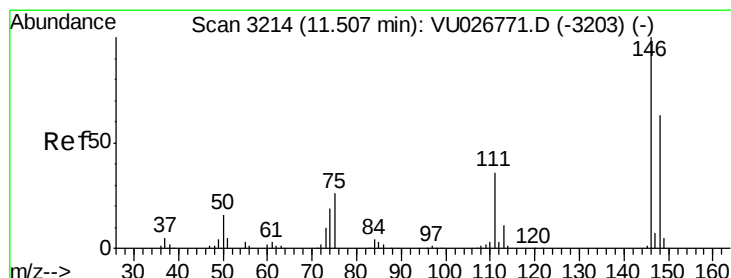
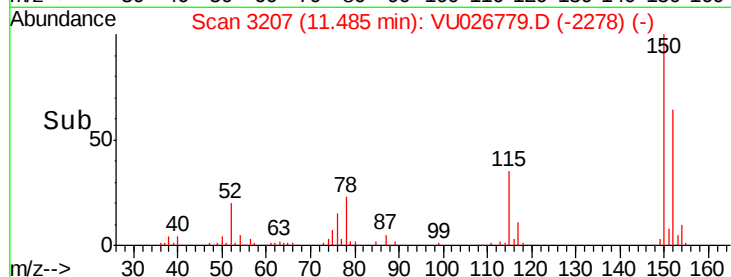
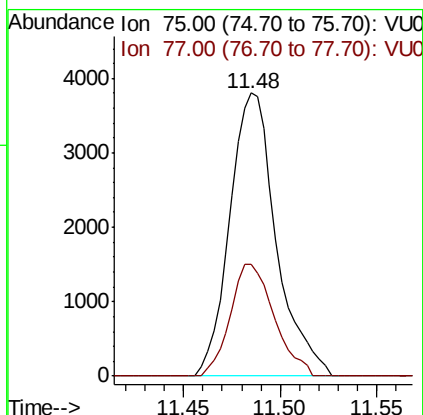
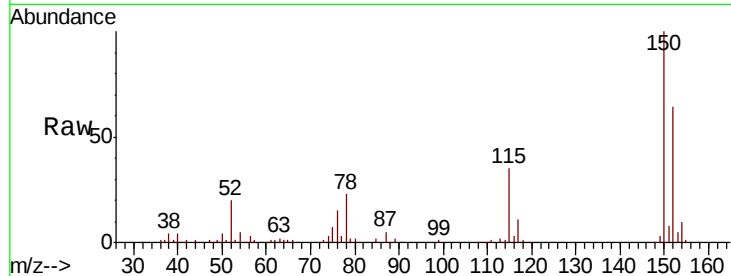




#59
 1,2,3-Trichloropropane
 Concen: 0.940 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026779.D
 Acq: 15 Sep 2018 15:49

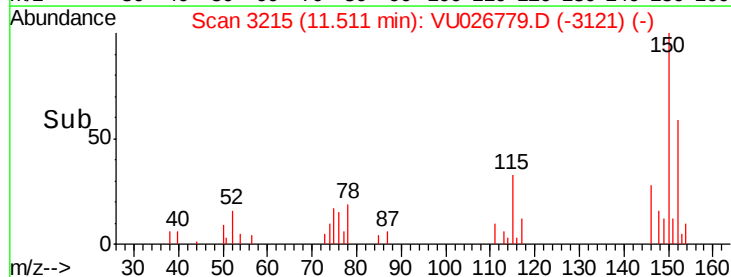
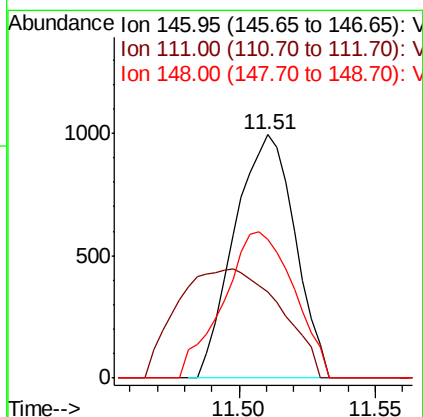
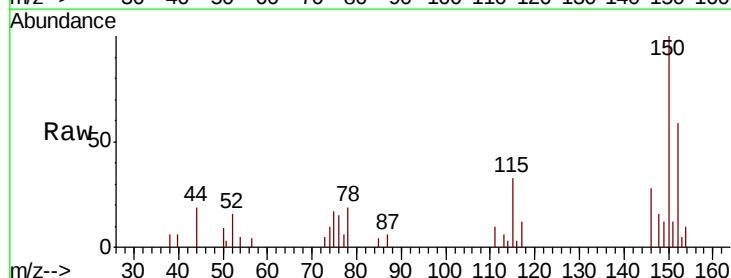
Instrument :
 MSVOA_U
 ClientSampleId :
 COL00

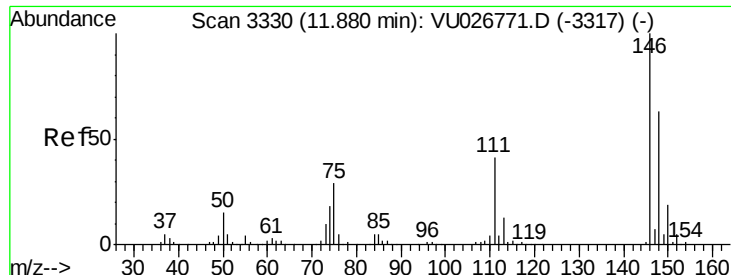
Tgt Ion: 75 Resp: 6346
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.9 38.9



#63
 1,4-Dichlorobenzene
 Concen: 0.072 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026779.D
 Acq: 15 Sep 2018 15:49

Tgt Ion: 146 Resp: 1530
 Ion Ratio Lower Upper
 146 100
 111 35.4 25.3 46.9
 148 57.2 44.5 82.7

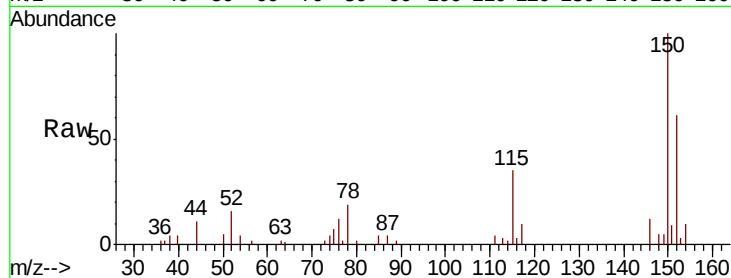




#65
 1,2-Dichlorobenzene
 Concen: 0.061 ug/L
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU026779.D
 Acq: 15 Sep 2018 15:49

Instrument :
 MSVOA_U
 ClientSampleId :
 COL00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.6	32.5	48.7
148	43.3	50.5	75.7



Abundance

Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

