

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026801.D
 Acq On : 16 Sep 2018 01:38
 Operator : MD/SY
 Sample : J4918-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX8

Quant Time: Sep 17 07:14:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	115773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	94493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38170	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41582	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	35593	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.28	63	57116	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.20	46	95581	49.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.65	84	70084	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	37922	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	144941	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.33	67	46952	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.57	98	108379	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	13132	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.32	63	57031	45.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34748	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	38985	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

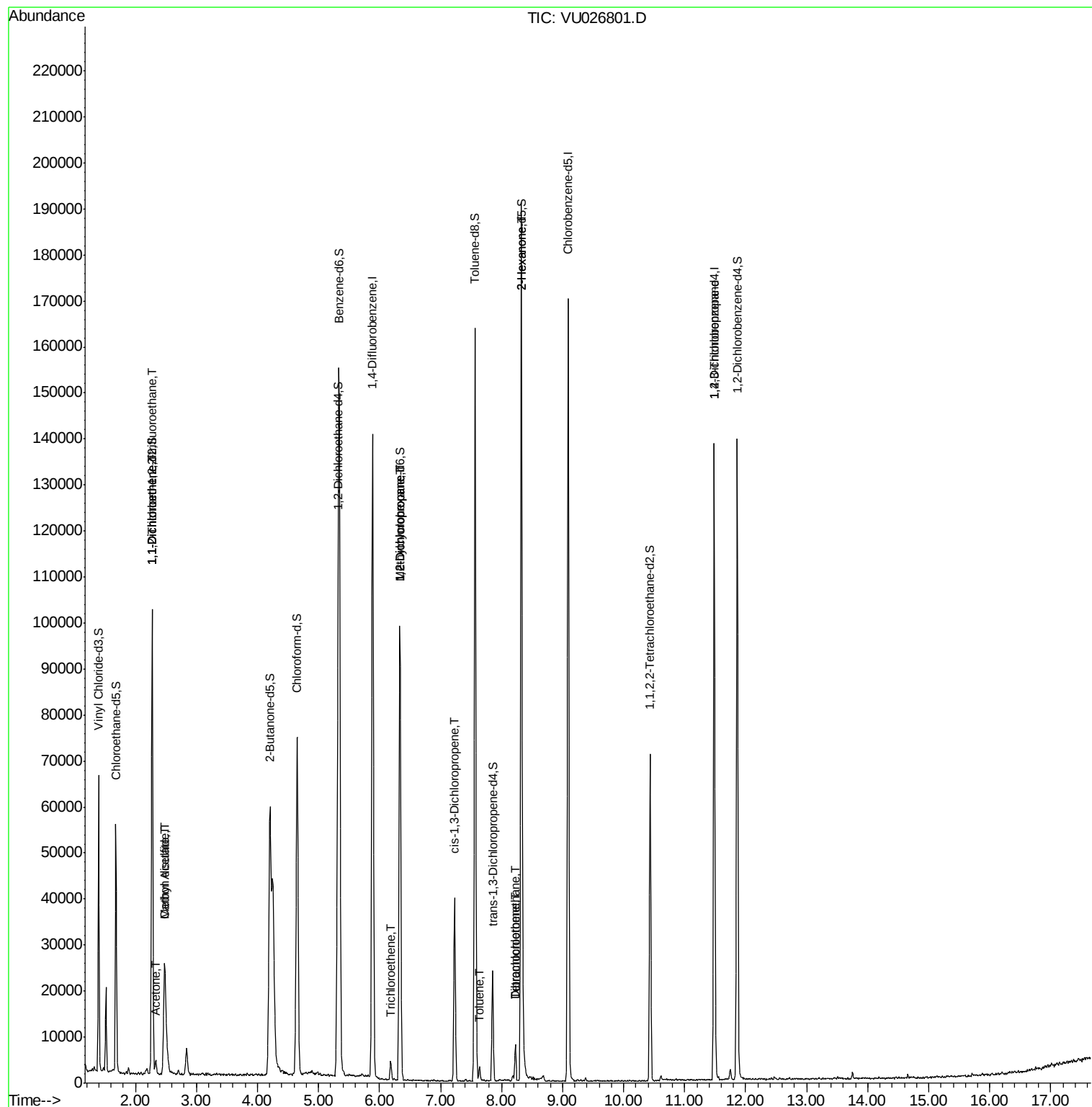
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	376	0.041	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	735	0.085	ug/L #	1
13) Acetone	2.33	43	2633	1.526	ug/L	85
14) Carbon disulfide	2.48	76	8284	0.276	ug/L #	91
15) Methyl Acetate	2.48	43	9429	2.083	ug/L #	52
34) Trichloroethene	6.18	95	1447	0.161	ug/L	91
35) Methylcyclohexane	6.33	83	10576	0.722	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	4997	0.532	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	944	0.075	ug/L #	71
42) Toluene	7.64	91	1975	0.055	ug/L	85
47) Tetrachloroethene	8.23	164	1715	0.218	ug/L	95
48) 2-Hexanone	8.32	43	7944	2.031	ug/L #	73
49) Dibromochloromethane	8.22	129	1579	0.203	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	4064	0.736	ug/L	94

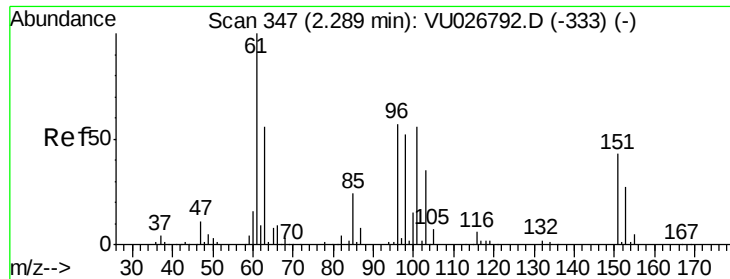
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration





#10

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

Concen: 0.041 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026801.D

Acq: 16 Sep 2018 01:38

Instrument :

MSVOA_U

ClientSampleId :

C0KX8

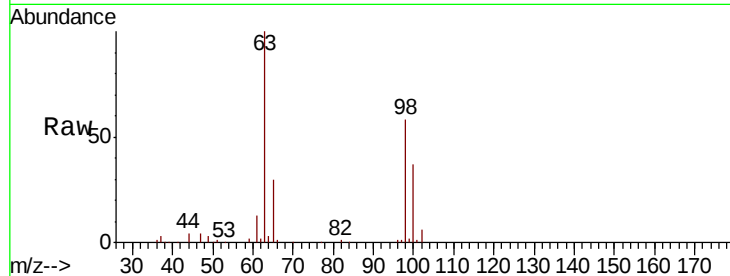
Tgt Ion: 101 Resp: 376

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

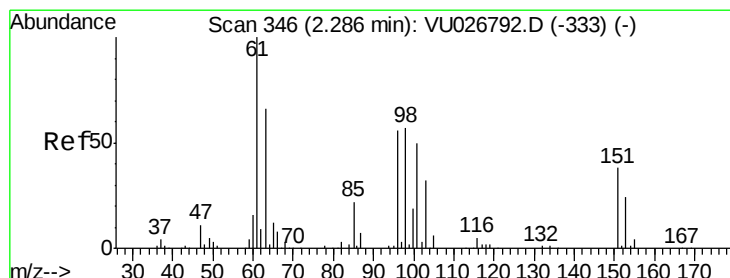
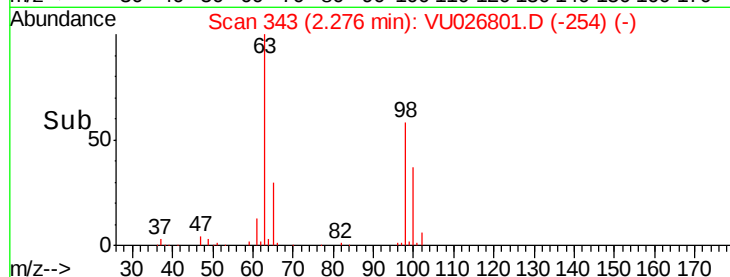
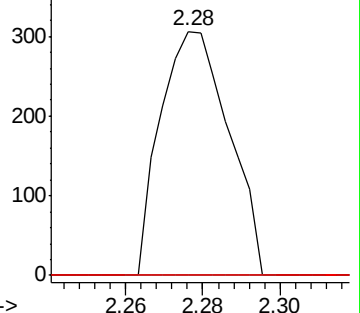
151 0.0 63.3 94.9#



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



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU026801.D

Acq: 16 Sep 2018 01:38

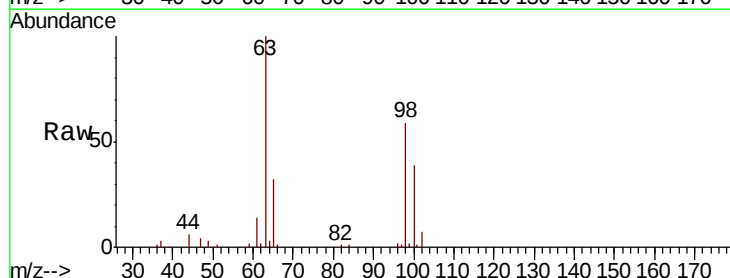
Tgt Ion: 96 Resp: 735

Ion Ratio Lower Upper

96 100

61 772.7 126.6 235.2#

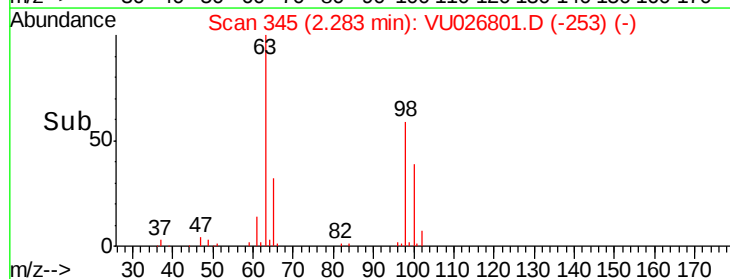
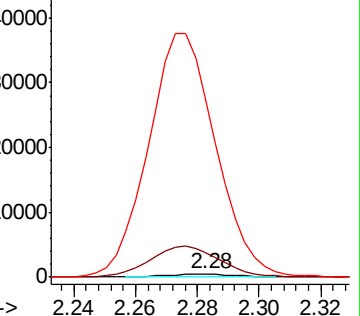
63 5715.0 91.3 169.5#

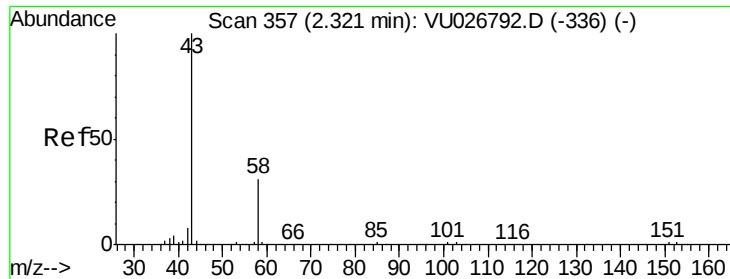


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.526 ug/L

RT: 2.33 min Scan# 361

Delta R.T. -0.02 min

Lab File: VU026801.D

Acq: 16 Sep 2018 01:38

Instrument :

MSVOA_U

ClientSampleId :

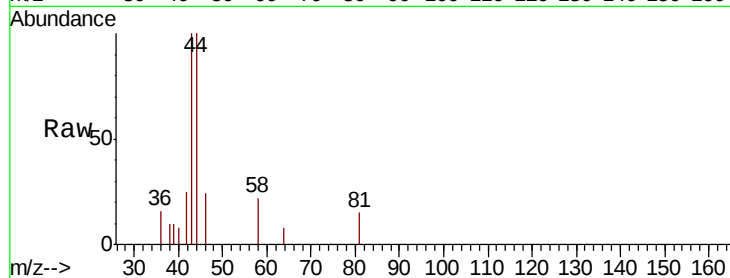
C0KX8

Tgt Ion: 43 Resp: 2633

Ion Ratio Lower Upper

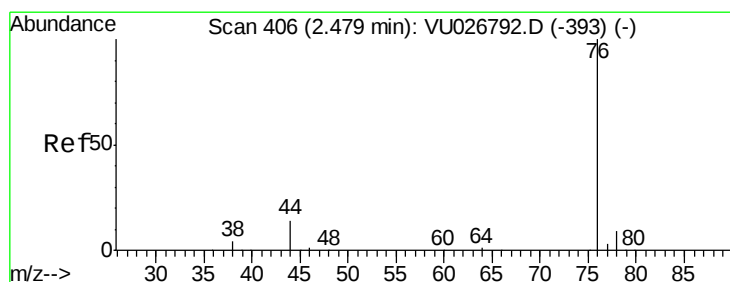
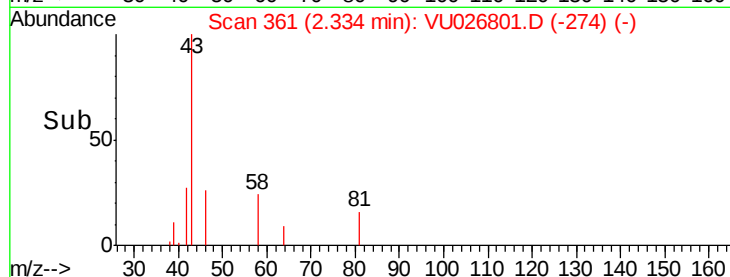
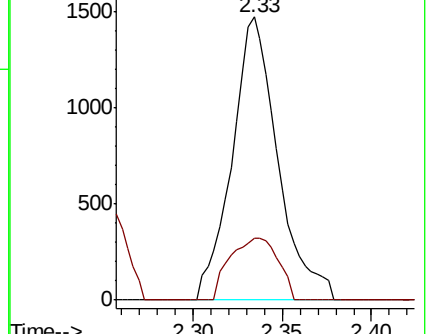
43 100

58 23.1 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.276 ug/L

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU026801.D

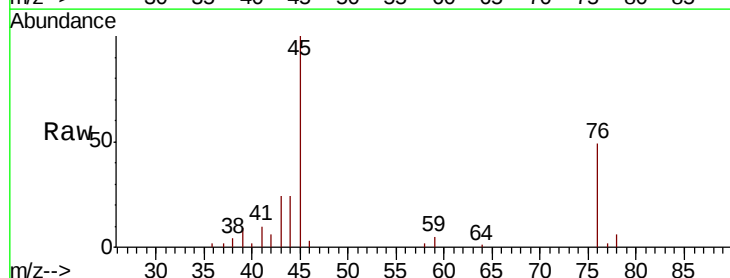
Acq: 16 Sep 2018 01:38

Tgt Ion: 76 Resp: 8284

Ion Ratio Lower Upper

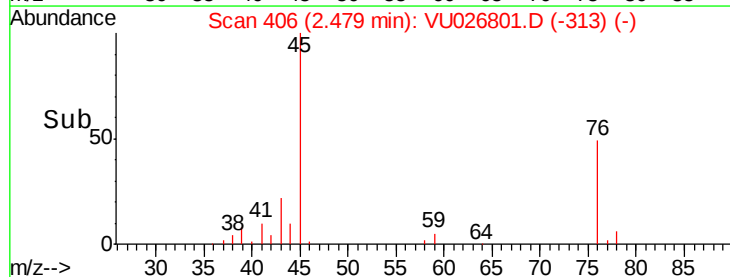
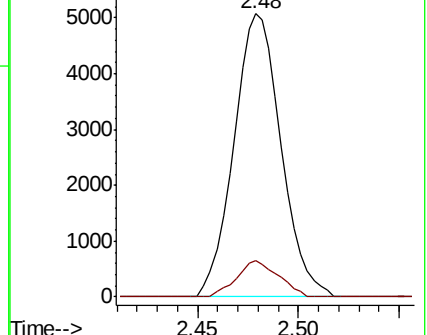
76 100

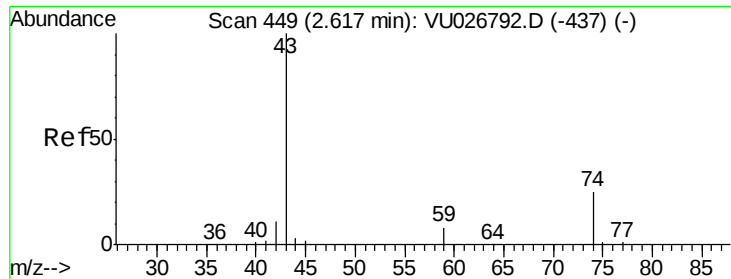
78 12.7 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

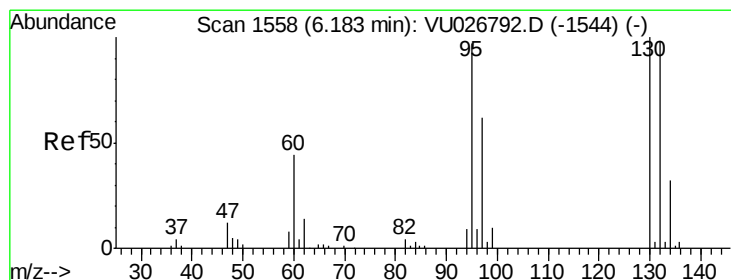
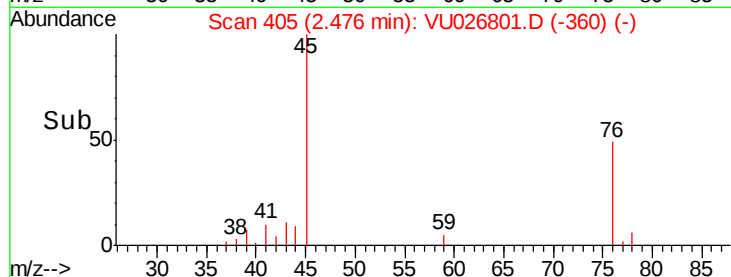
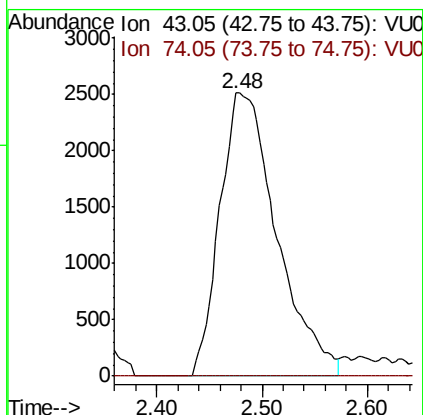
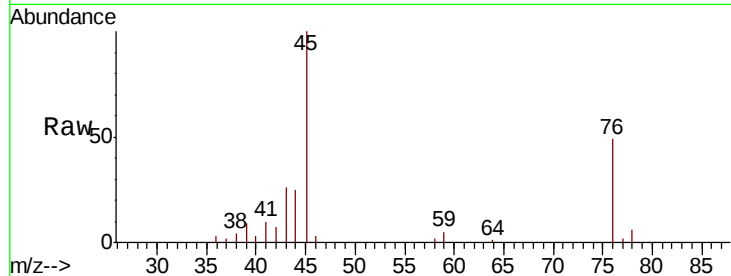




#15
Methyl Acetate
Concen: 2.083 ug/L
RT: 2.48 min Scan# 405
Delta R.T. -0.15 min
Lab File: VU026801.D
Acq: 16 Sep 2018 01:38

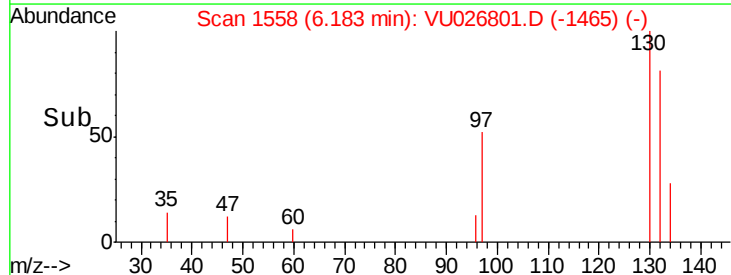
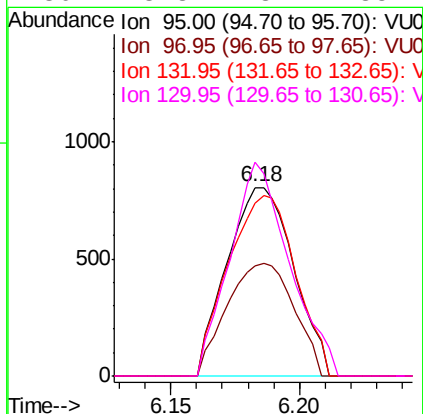
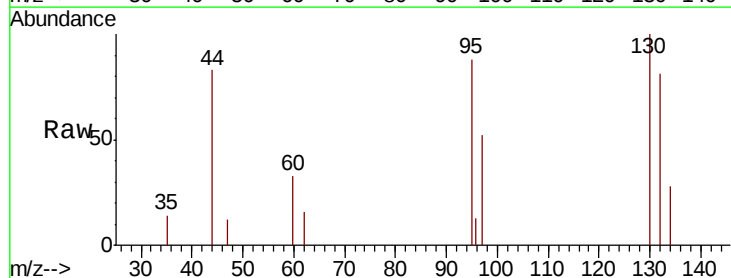
Instrument :
MSVOA_U
ClientSampleId :
C0KX8

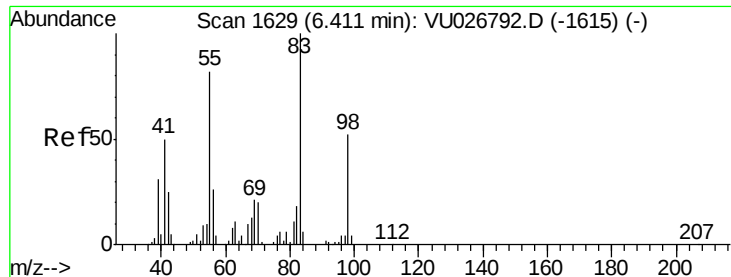
Tgt Ion: 43 Resp: 9429
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#34
Trichloroethene
Concen: 0.161 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU026801.D
Acq: 16 Sep 2018 01:38

Tgt Ion: 95 Resp: 1447
Ion Ratio Lower Upper
95 100
97 58.6 45.1 83.9
132 91.7 72.0 133.8
130 113.3 73.1 135.7





#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026801.D

Acq: 16 Sep 2018 01:38

Instrument :

MSVOA_U

ClientSampleId :

C0KX8

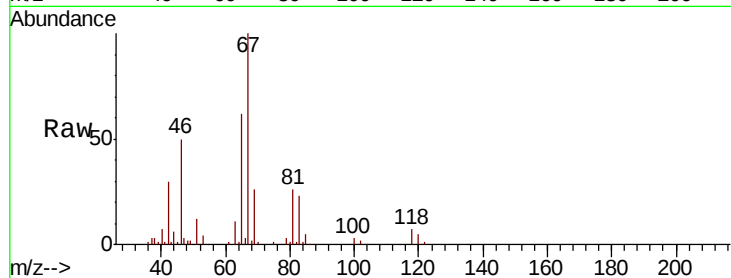
Tgt Ion: 83 Resp: 10576

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

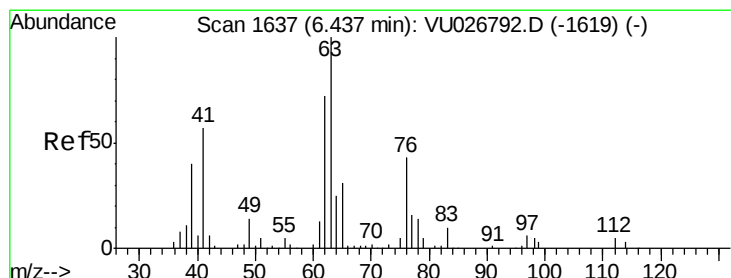
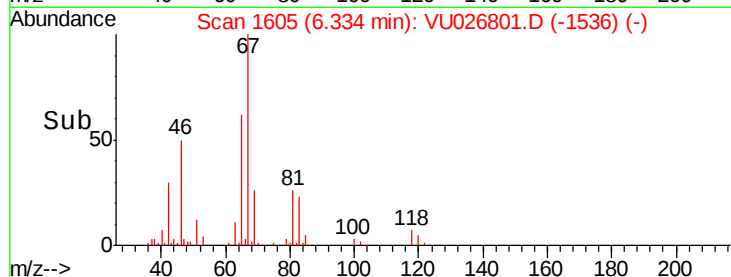
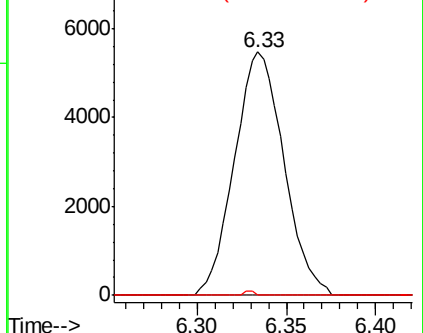
98 0.4 39.3 58.9#



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: 0.532 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.10 min

Lab File: VU026801.D

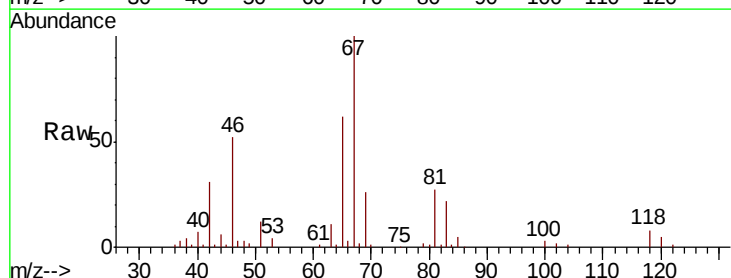
Acq: 16 Sep 2018 01:38

Tgt Ion: 63 Resp: 4997

Ion Ratio Lower Upper

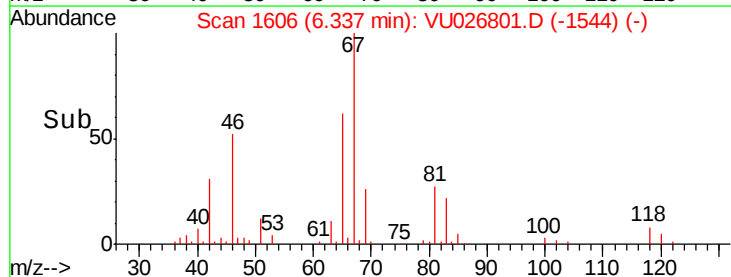
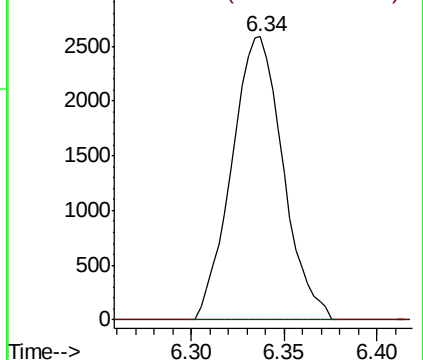
63 100

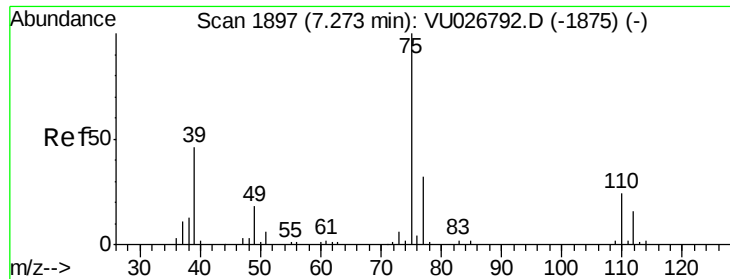
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

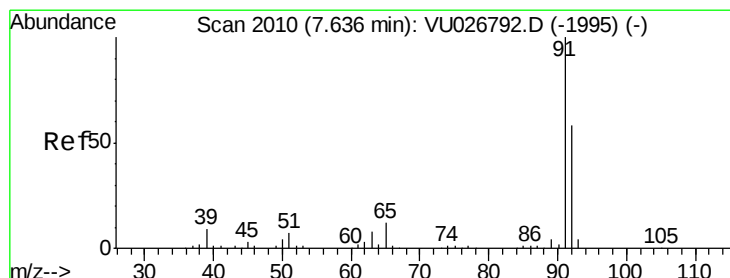
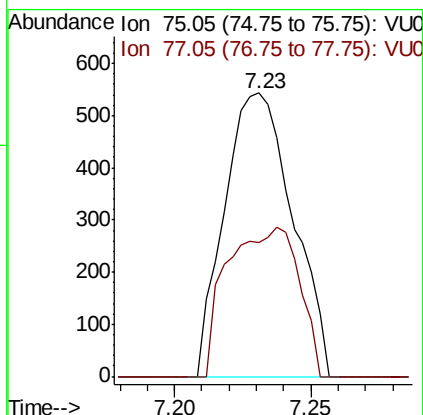
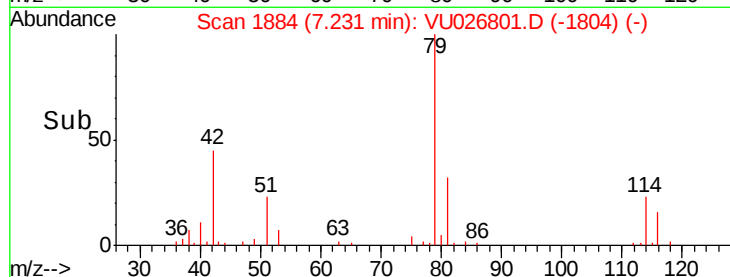
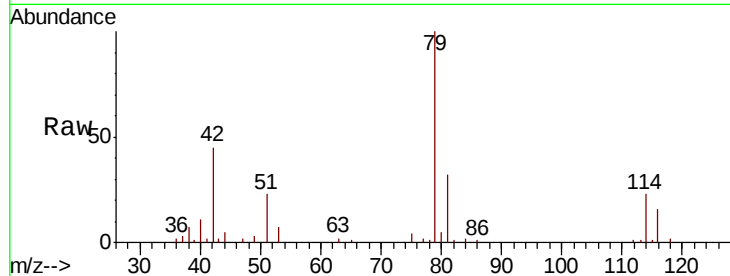




#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026801.D
 Acq: 16 Sep 2018 01:38

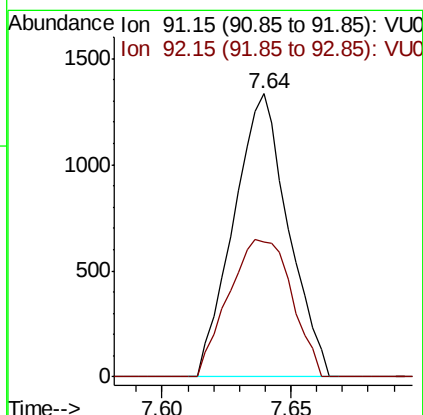
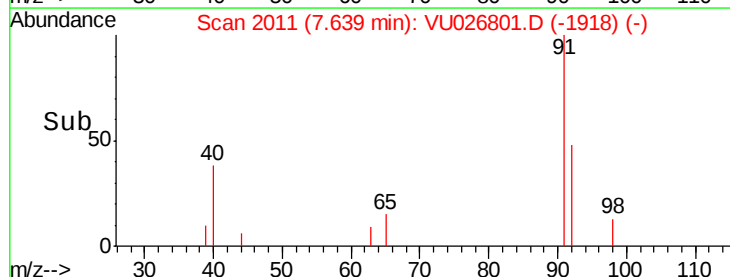
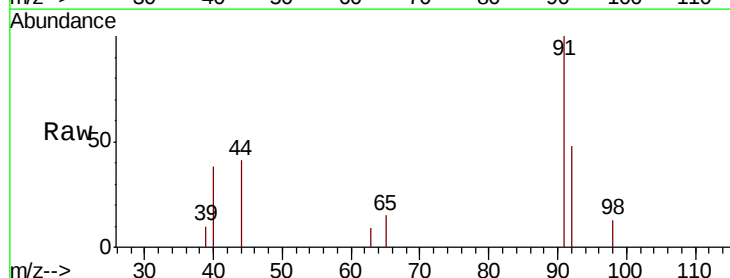
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX8

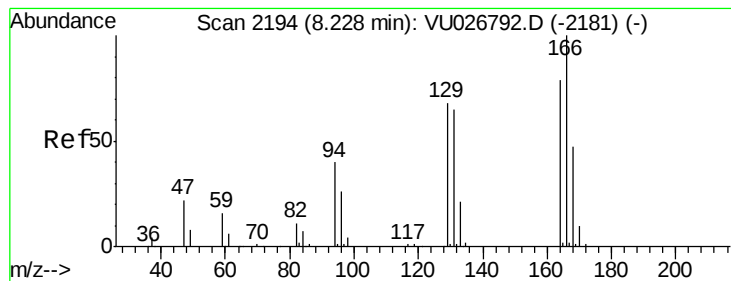
Tgt Ion: 75 Resp: 944
 Ion Ratio Lower Upper
 75 100
 77 47.1 21.7 40.3#



#42
 Toluene
 Concen: 0.055 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU026801.D
 Acq: 16 Sep 2018 01:38

Tgt Ion: 91 Resp: 1975
 Ion Ratio Lower Upper
 91 100
 92 47.5 40.9 76.0





#47

Tetrachloroethene

Concen: 0.218 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU026801.D

Acq: 16 Sep 2018 01:38

Instrument :

MSVOA_U

ClientSampleId :

C0KX8

Tgt Ion:164 Resp: 1715

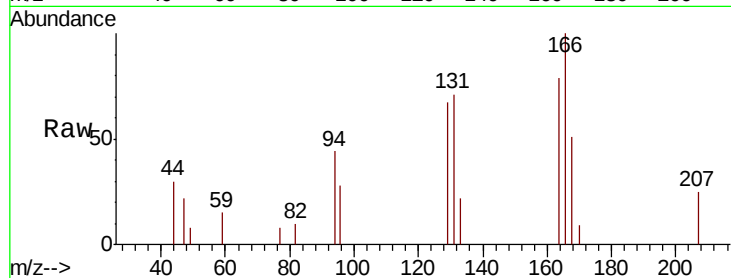
Ion Ratio Lower Upper

164 100

129 85.3 64.8 120.3

131 89.6 61.4 114.0

166 127.1 92.6 172.0

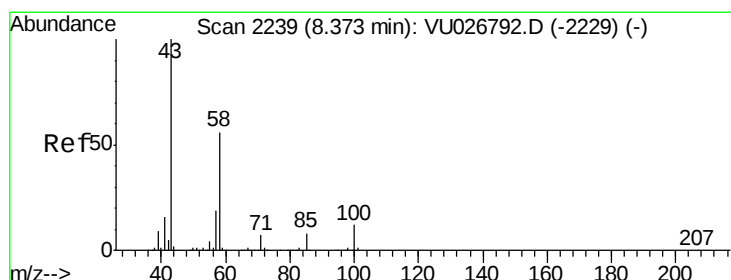
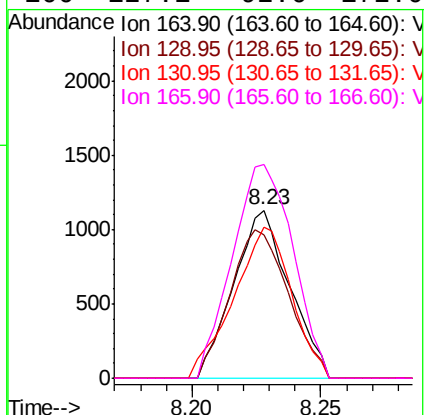
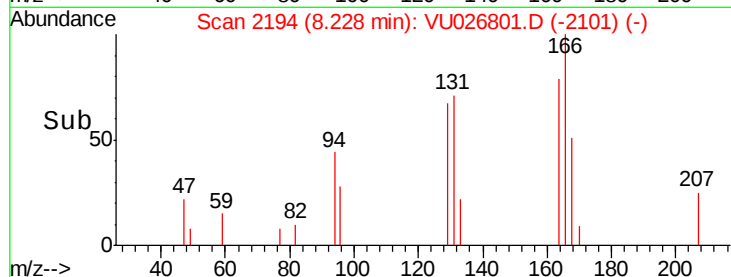


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.031 ug/L

RT: 8.32 min Scan# 2224

Delta R.T. -0.05 min

Lab File: VU026801.D

Acq: 16 Sep 2018 01:38

Tgt Ion: 43 Resp: 7944

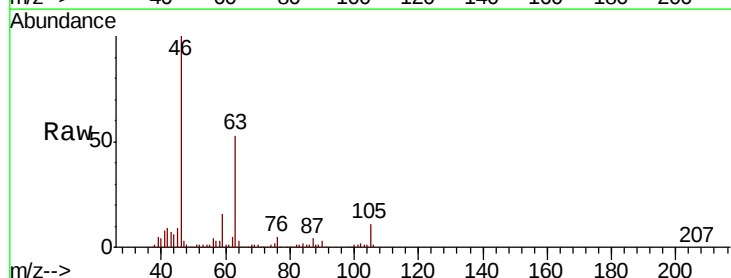
Ion Ratio Lower Upper

43 100

58 42.3 43.7 65.5#

57 47.8 15.2 22.8#

100 7.1 10.1 15.1#

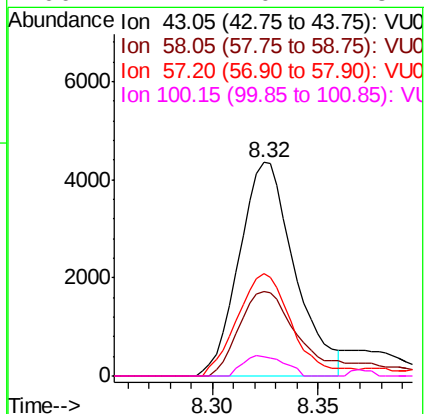
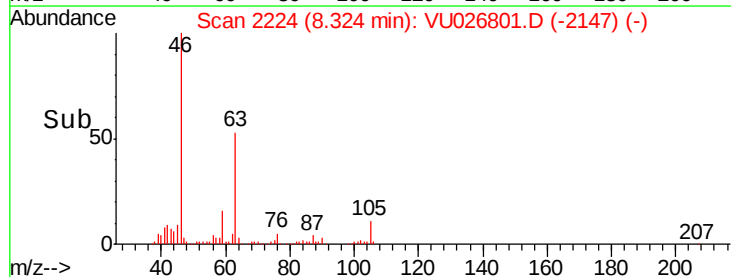


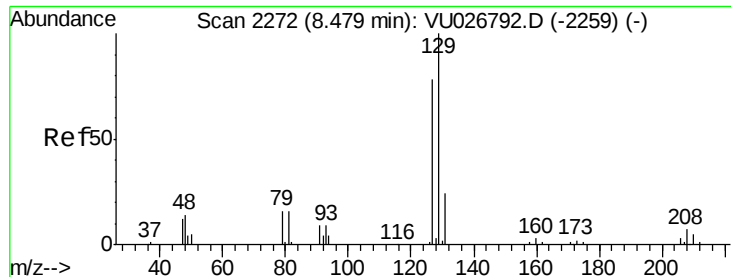
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.203 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.26 min

Lab File: VU026801.D

Acq: 16 Sep 2018 01:38

Instrument :

MSVOA_U

ClientSampleId :

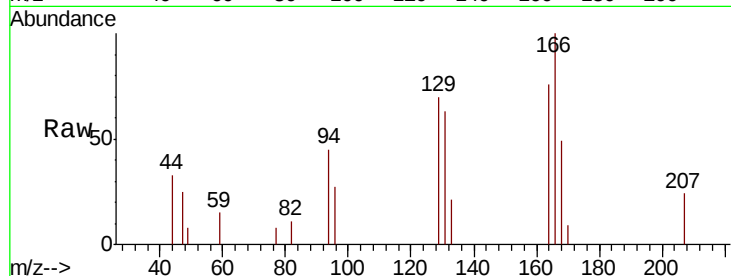
C0KX8

Tgt Ion:129 Resp: 1579

Ion Ratio Lower Upper

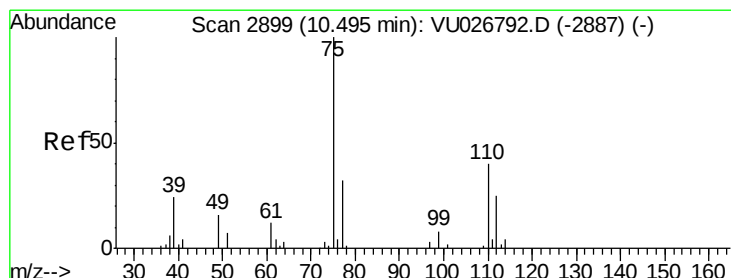
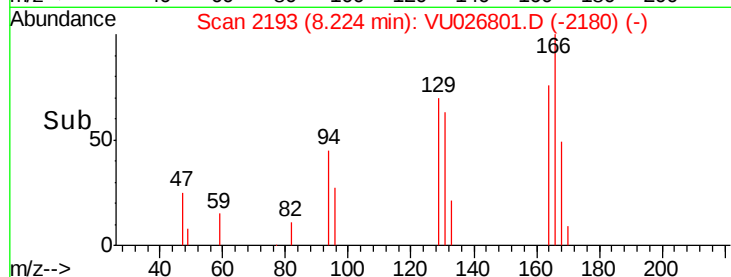
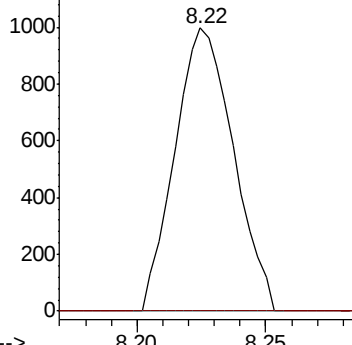
129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.736 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.98 min

Lab File: VU026801.D

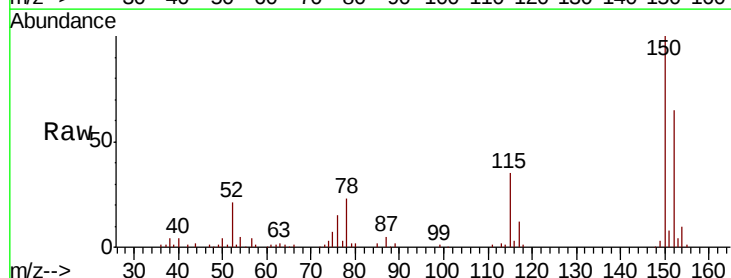
Acq: 16 Sep 2018 01:38

Tgt Ion: 75 Resp: 4064

Ion Ratio Lower Upper

75 100

77 35.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

