

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025774.D
 Acq On : 01 Aug 2018 14:04
 Operator : MD/SY
 Sample : J4262-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-073118

Quant Time: Aug 02 03:57:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	178954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	282430	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167351	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	140879	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
35) Dibromofluoromethane	4.89	113	121521	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	7.57	98	419848	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.31	95	161565	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	

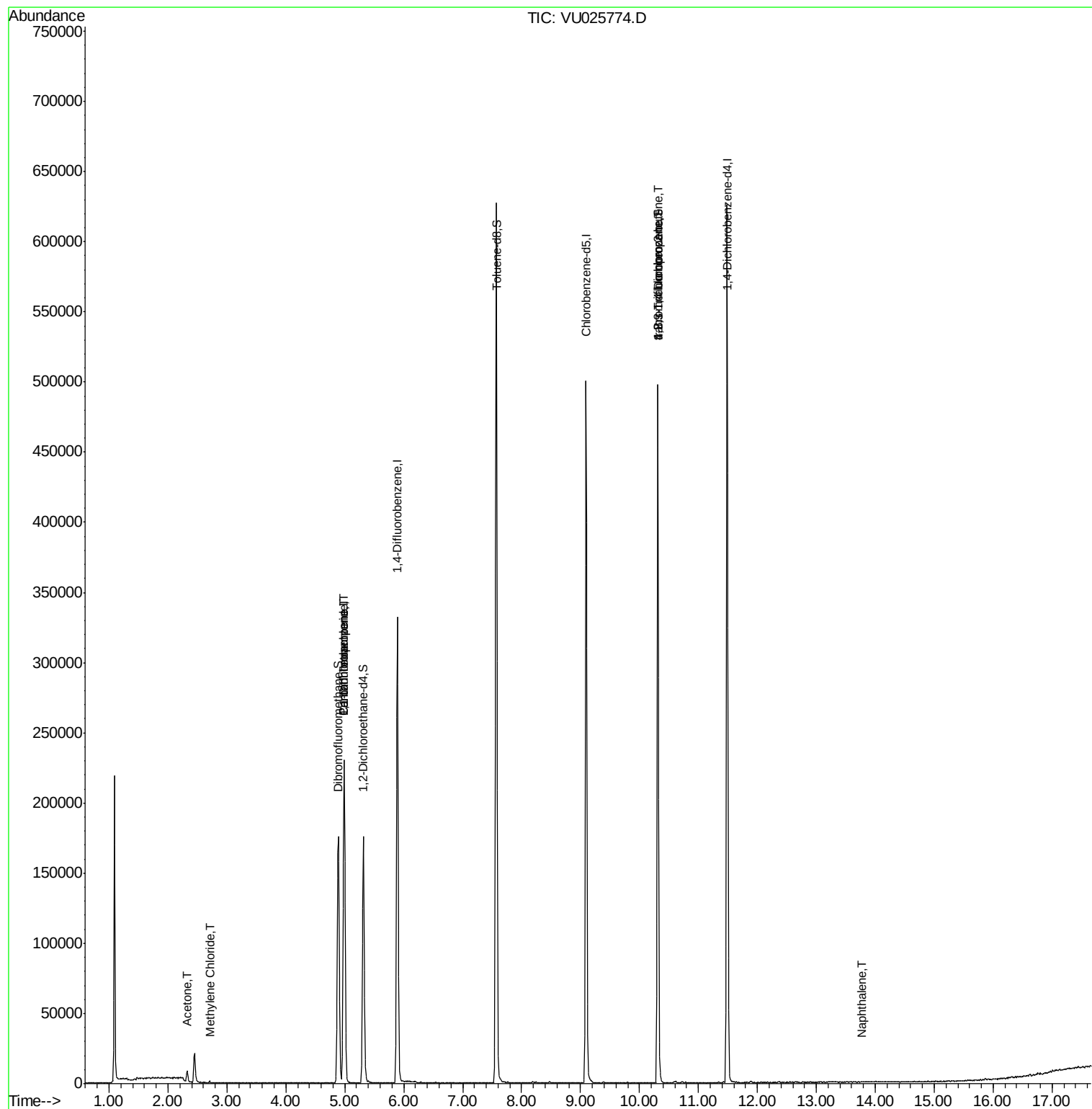
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	8075	5.94	ug/l	91
20) Methylene Chloride	2.71	84	494	0.21	ug/l	# 75
31) Cyclohexane	4.99	56	3353	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	12484	3.78	ug/l	# 49
38) Carbon Tetrachloride	4.99	117	17447	4.67	ug/l	# 16
76) 1,2,3-Trichloropropane	10.31	75	84099	22.81	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	10.31	75	84099	57.19	ug/l	# 100
95) Naphthalene	13.77	128	676	1.30	ug/l	# 69

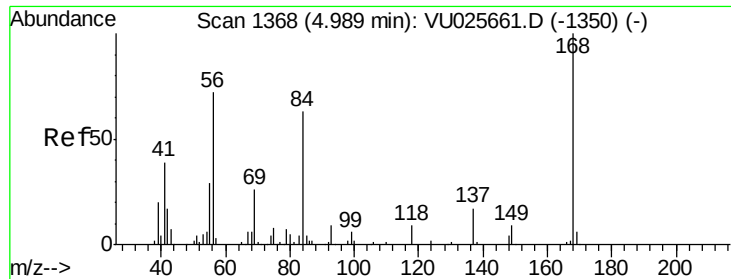
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025774.D

Acq: 01 Aug 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

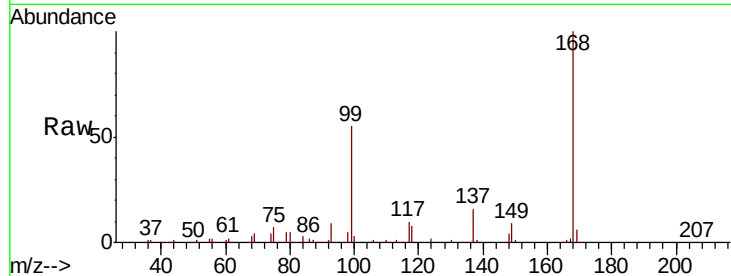
TB-073118

Tot Ion:168 Resp: 178954

Ion Ratio Lower Upper

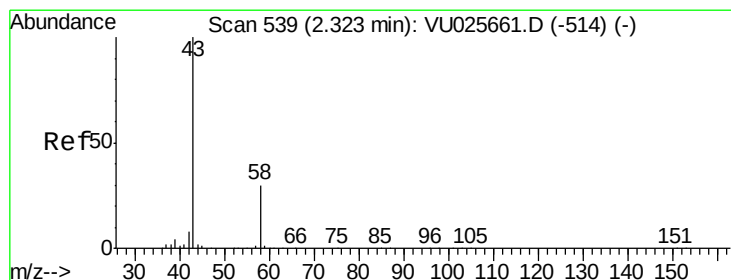
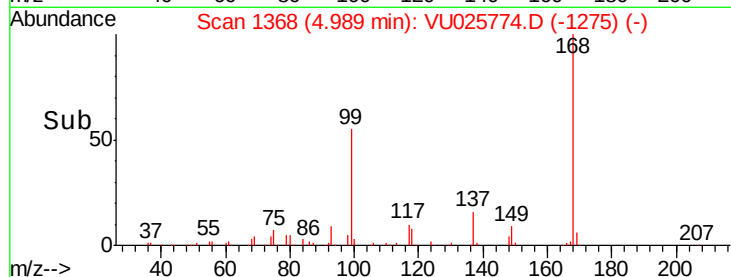
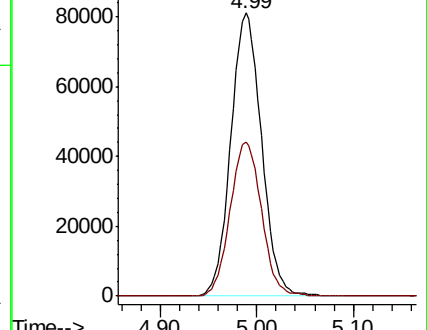
168 100

99 54.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#16

Acetone

Concen: 5.94 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025774.D

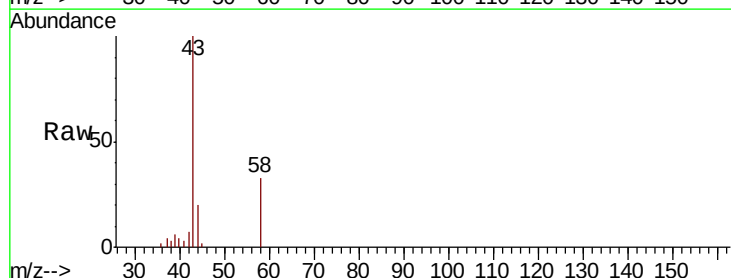
Acq: 01 Aug 2018 14:04

Tgt Ion: 43 Resp: 8075

Ion Ratio Lower Upper

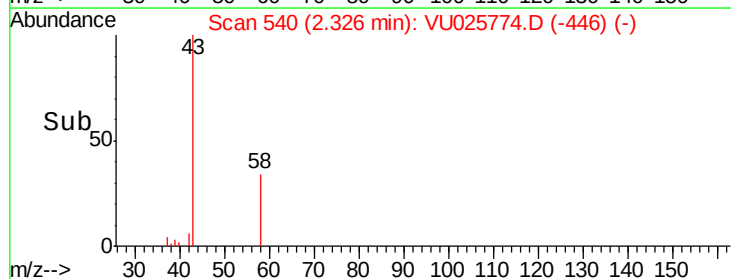
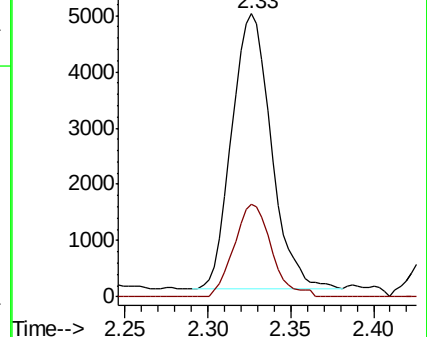
43 100

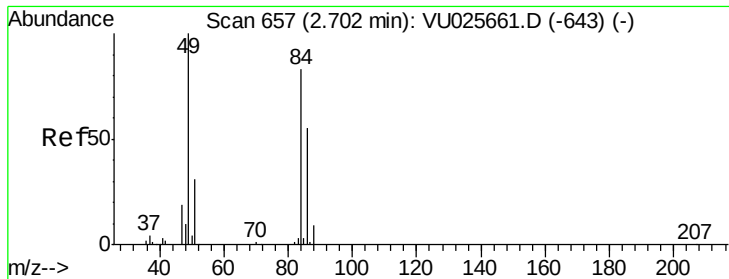
58 33.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)

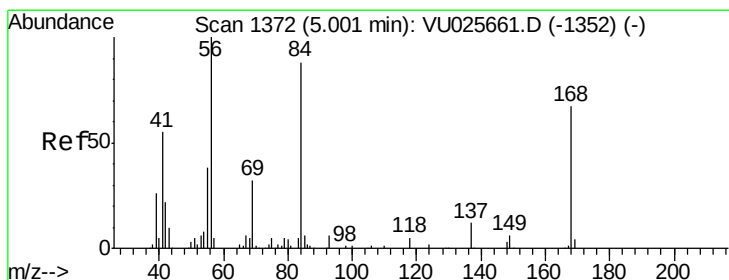
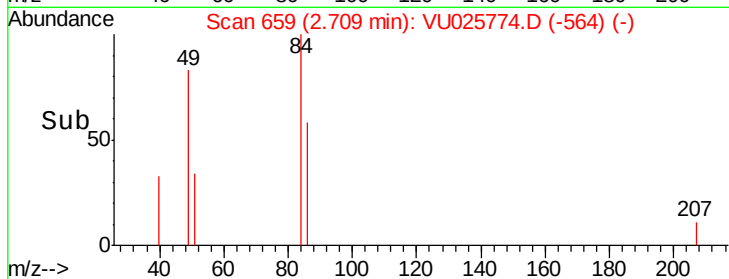
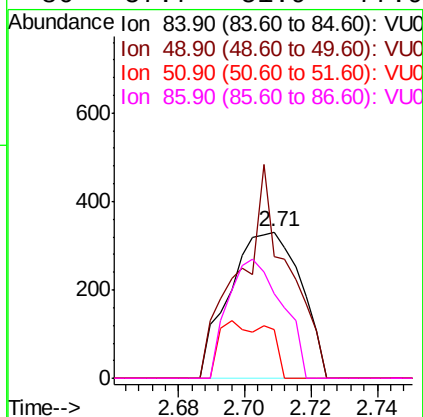
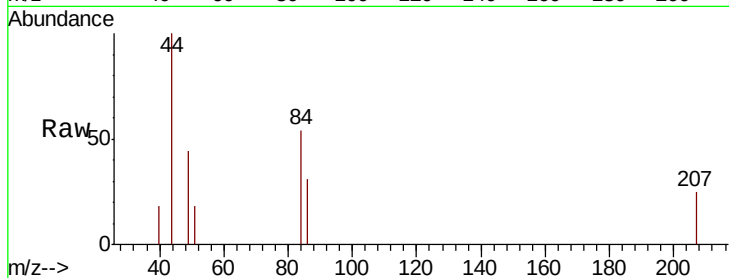




#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.01 min
Lab File: VU025774.D
Acq: 01 Aug 2018 14:04

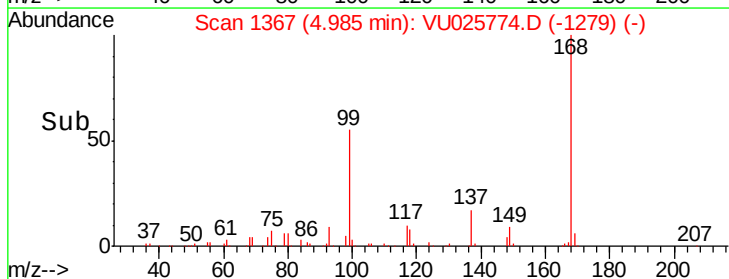
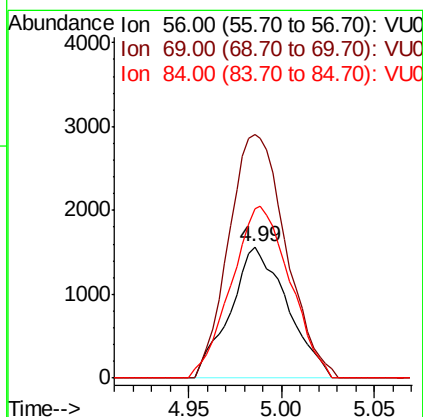
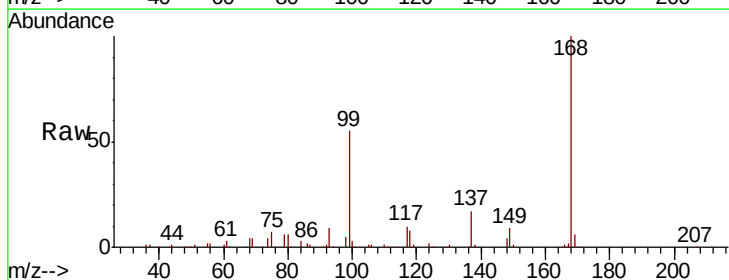
Instrument :
MSVOA_U
ClientSampleId :
TB-073118

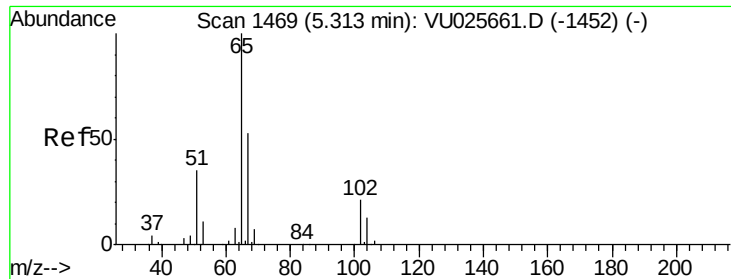
Tot Ion:	84	Resp:	494
Ion	Ratio	Lower	Upper
84	100		
49	83.1	101.8	152.6#
51	33.5	30.8	46.2
86	57.7	51.9	77.9



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025774.D
Acq: 01 Aug 2018 14:04

Tgt Ion:	56	Resp:	3353
Ion	Ratio	Lower	Upper
56	100		
69	185.3	26.8	40.2#
84	129.0	69.7	104.5#

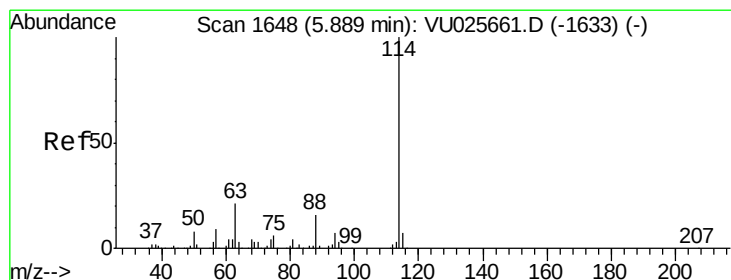
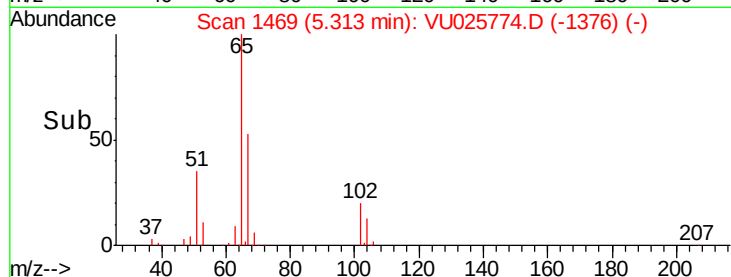
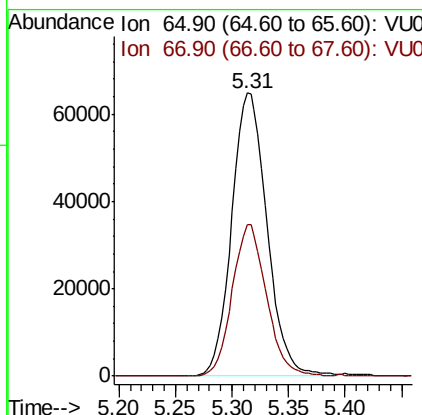
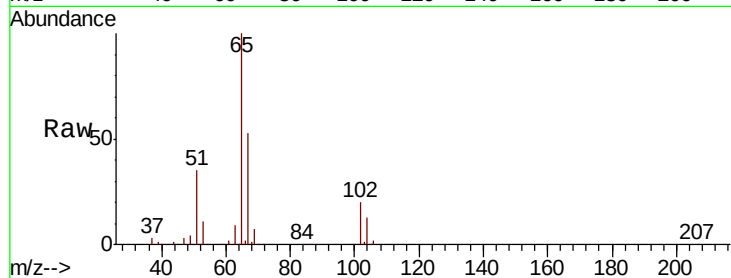




#33
 1,2-Dichloroethane-d4
 Concen: 50.53 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025774.D
 Acq: 01 Aug 2018 14:04

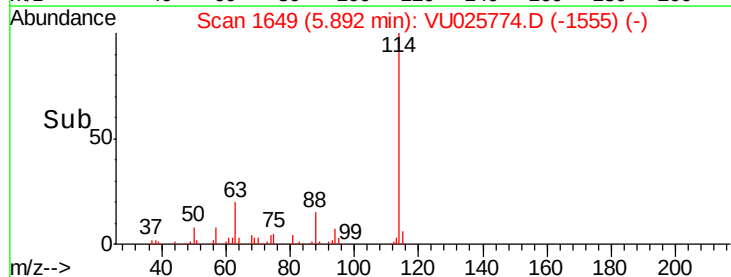
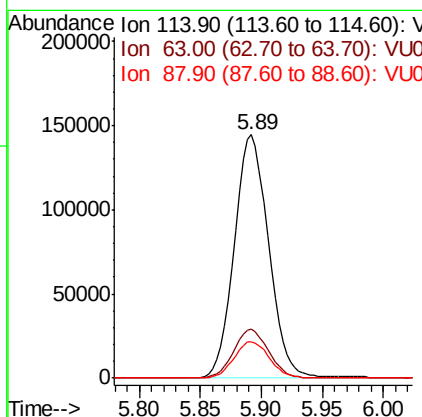
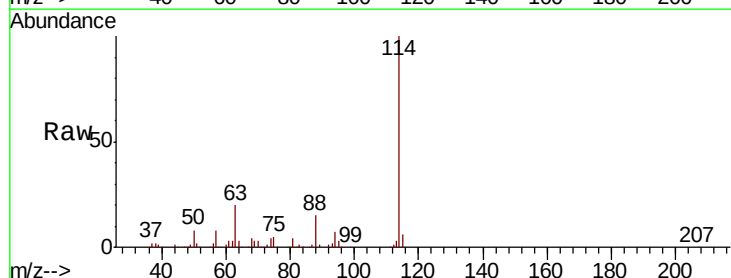
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-073118

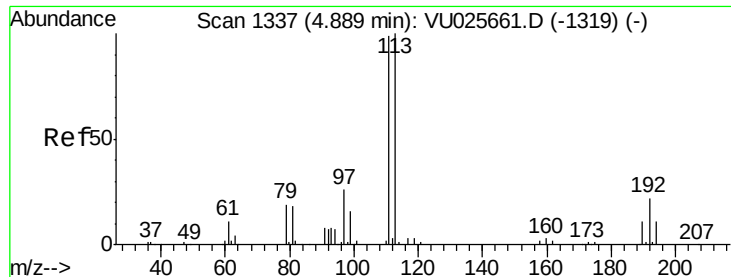
Tot Ion: 65 Resp: 140879
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025774.D
 Acq: 01 Aug 2018 14:04

Tgt Ion: 114 Resp: 282430
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 14.9 0.0 32.4

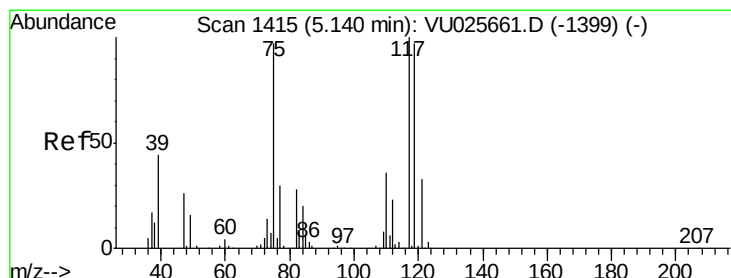
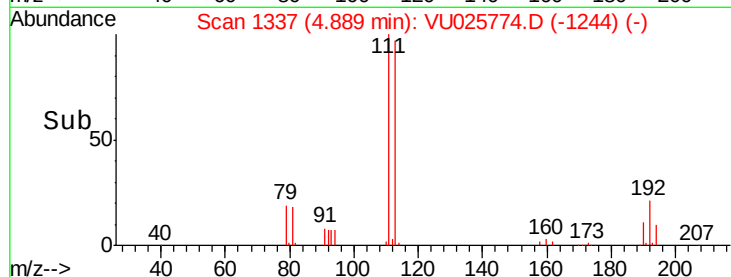
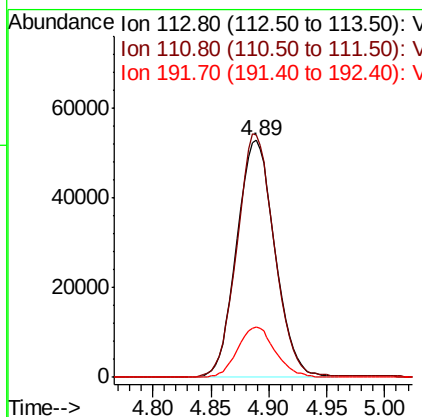
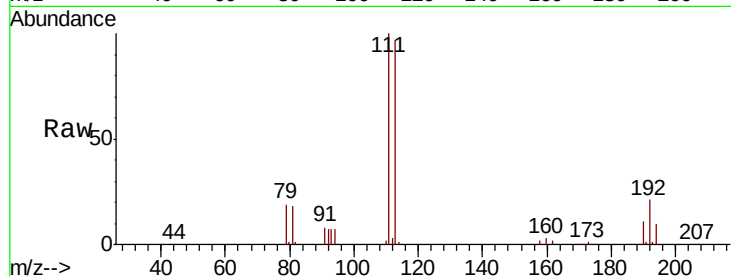




#35
 Dibromofluoromethane
 Concen: 49.47 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025774.D
 Acq: 01 Aug 2018 14:04

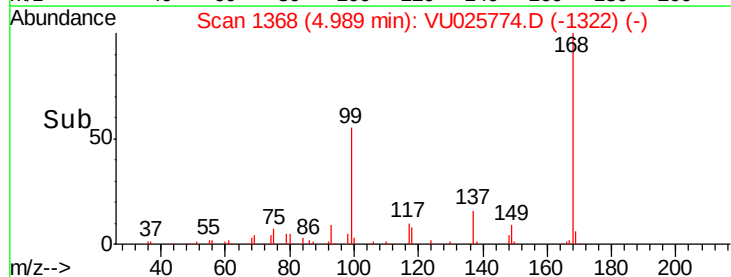
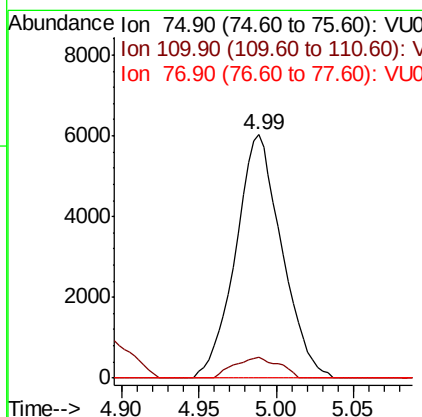
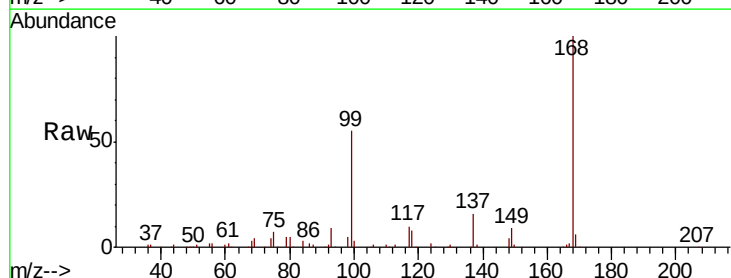
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-073118

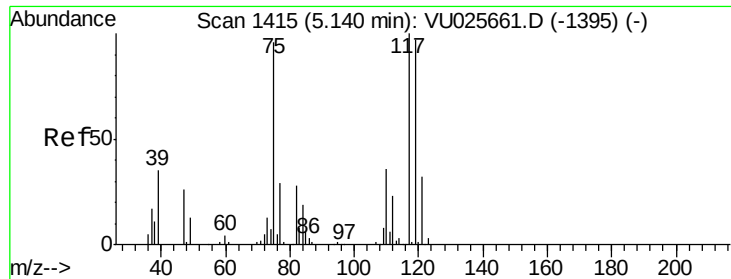
Tot Ion:113 Resp: 121521
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.7 122.5
 192 20.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 3.78 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025774.D
 Acq: 01 Aug 2018 14:04

Tgt Ion: 75 Resp: 12484
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.6 52.9#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.67 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025774.D

Acq: 01 Aug 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

TB-073118

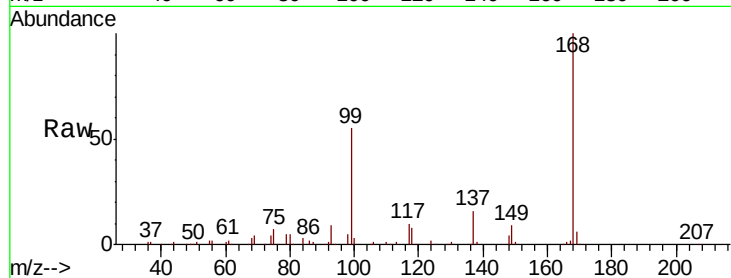
Tot Ion:117 Resp: 17447

Ion Ratio Lower Upper

117 100

119 4.7 75.7 113.5#

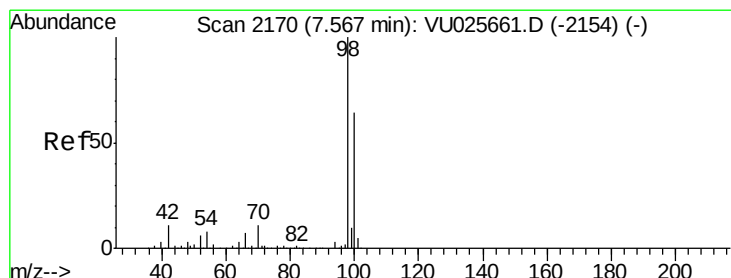
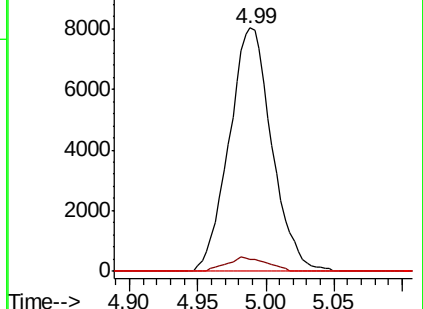
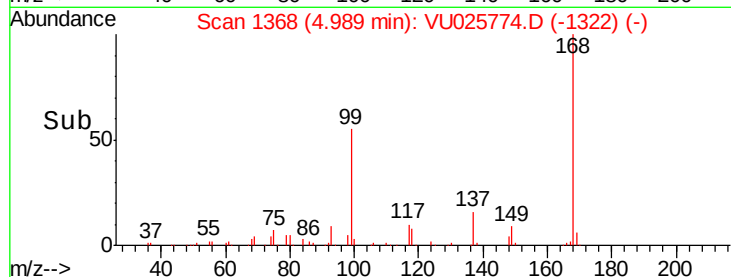
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.84 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025774.D

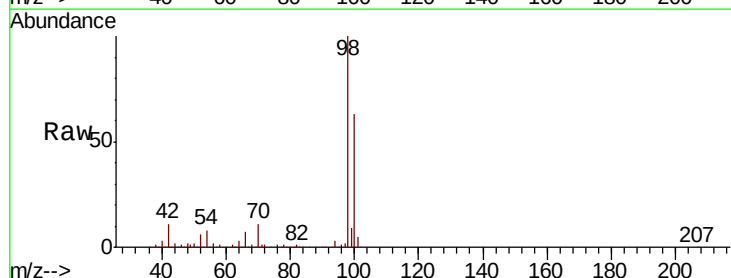
Acq: 01 Aug 2018 14:04

Tgt Ion: 98 Resp: 419848

Ion Ratio Lower Upper

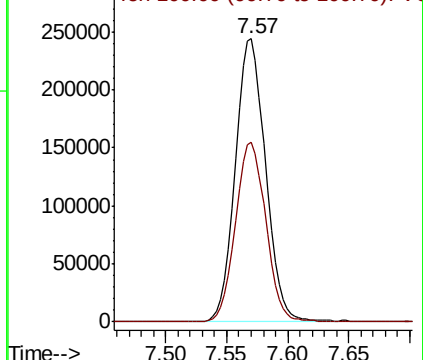
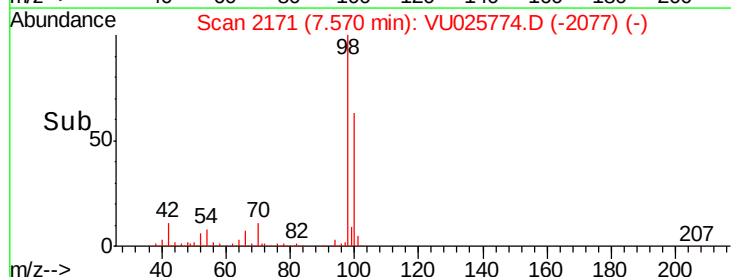
98 100

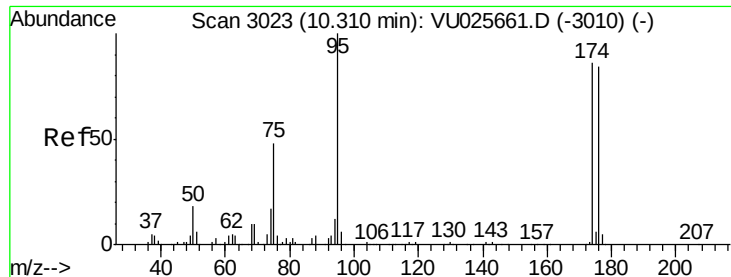
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

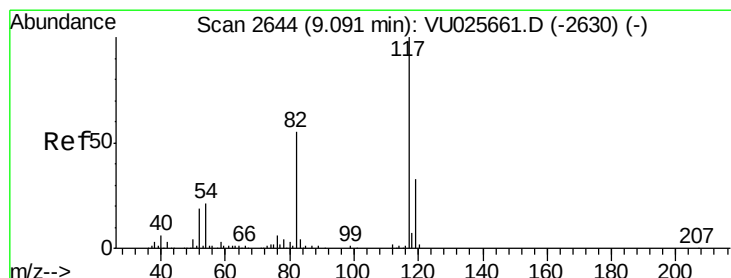
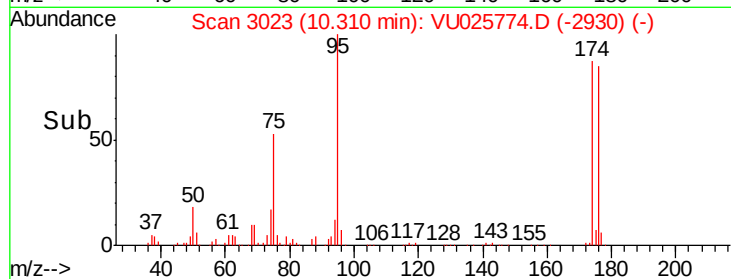
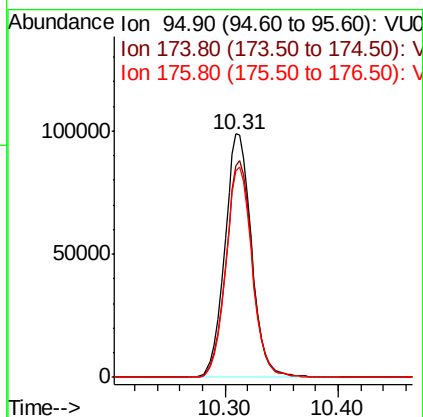
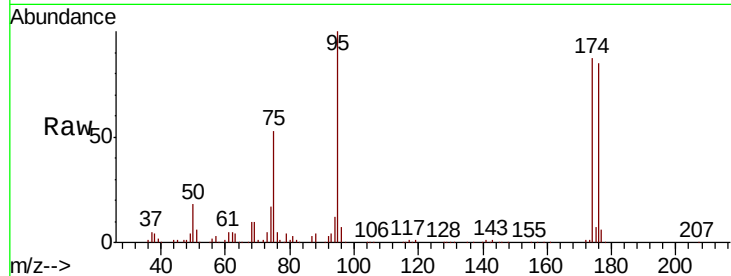




#62
4-Bromofluorobenzene
Concen: 48.42 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025774.D
Acq: 01 Aug 2018 14:04

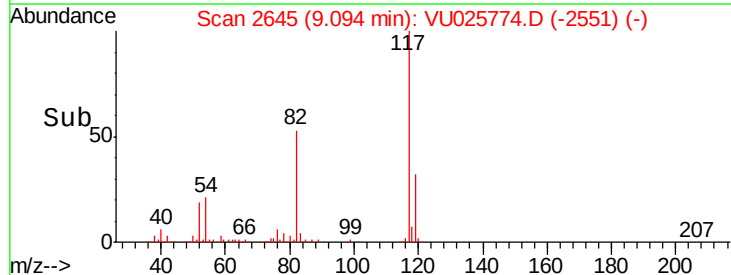
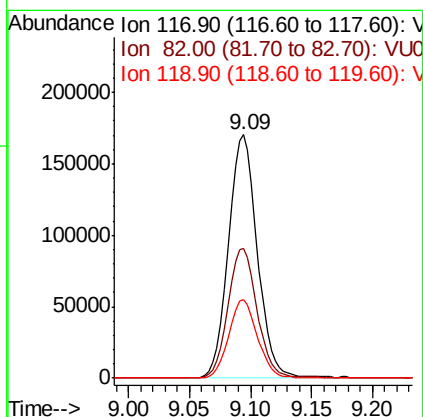
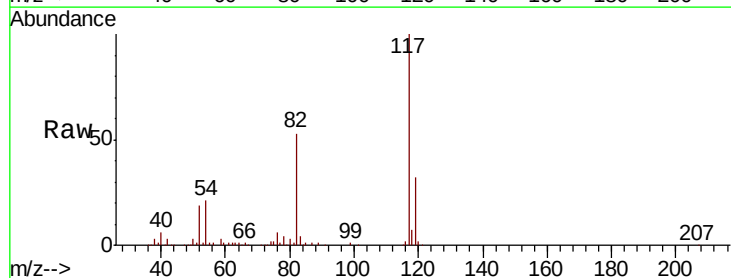
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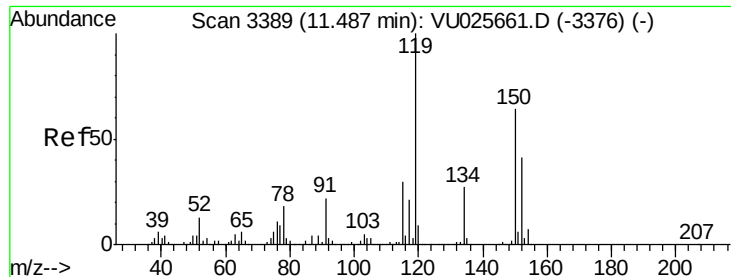
Tot Ion: 95 Resp: 161565
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.2
176 85.5 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025774.D
Acq: 01 Aug 2018 14:04

Tgt Ion: 117 Resp: 282221
Ion Ratio Lower Upper
117 100
82 53.3 46.0 69.0
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025774.D

Acq: 01 Aug 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

TB-073118

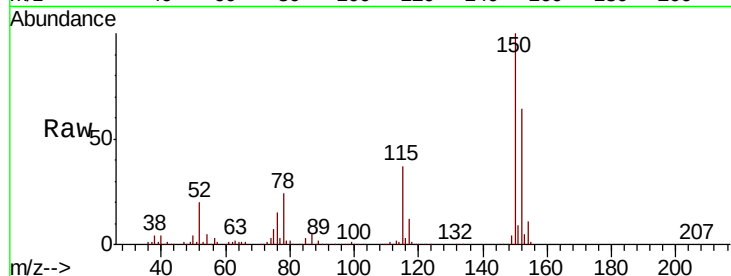
Tot Ion:152 Resp: 167351

Ion Ratio Lower Upper

152 100

115 57.6 40.1 120.3

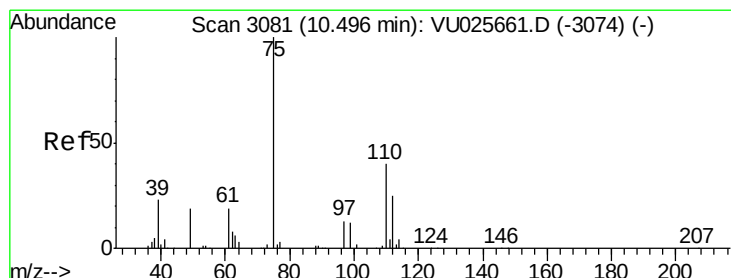
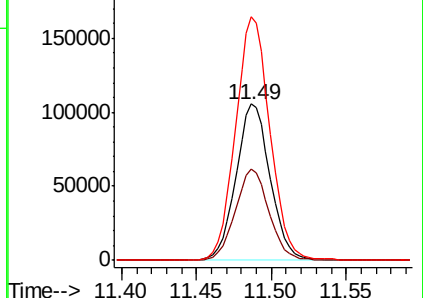
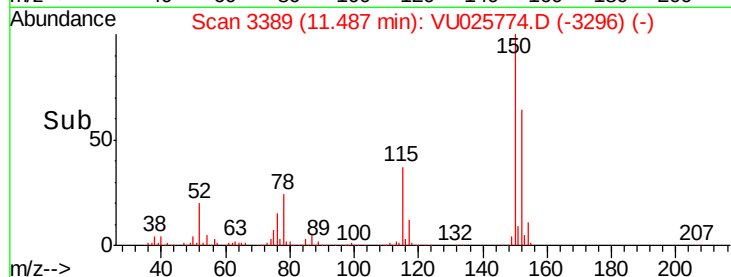
150 156.9 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.81 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025774.D

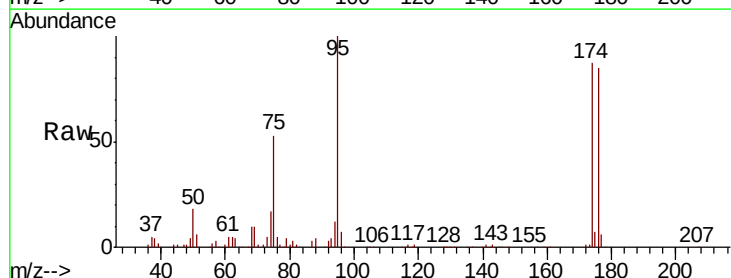
Acq: 01 Aug 2018 14:04

Tgt Ion: 75 Resp: 84099

Ion Ratio Lower Upper

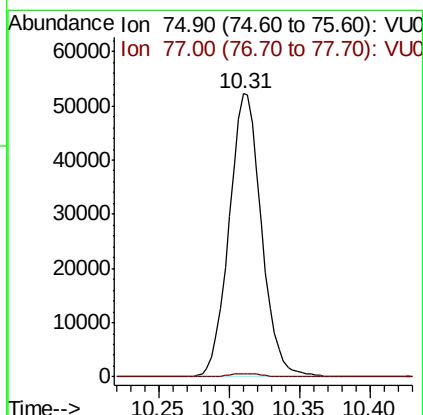
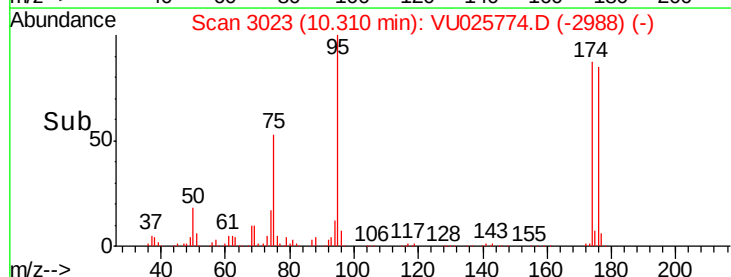
75 100

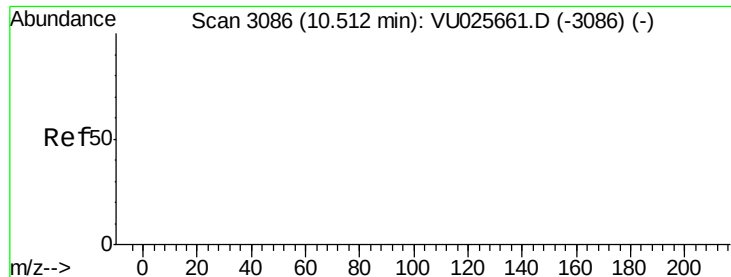
77 0.6 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

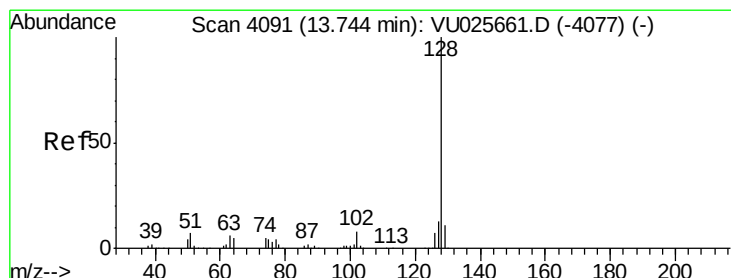
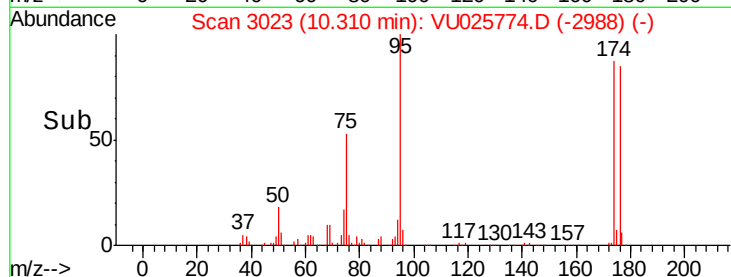
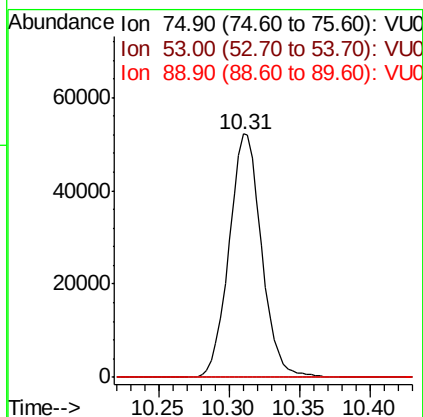
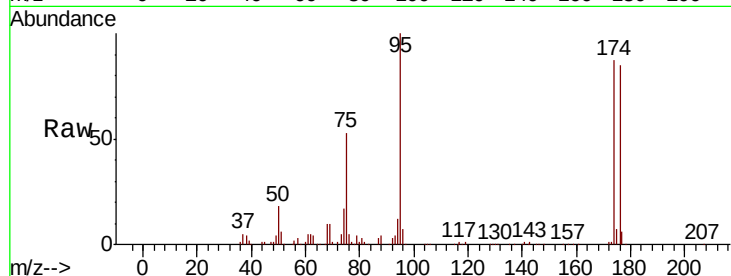




#81
trans-1,4-Dichloro-2-butene
Concen: 57.19 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025774.D
Acq: 01 Aug 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
TB-073118

Tot Ion: 75 Resp: 84099
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#95
Naphthalene
Concen: 1.30 ug/l
RT: 13.77 min Scan# 4099
Delta R.T. 0.03 min
Lab File: VU025774.D
Acq: 01 Aug 2018 14:04

Tgt Ion: 128 Resp: 676
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.3 12.5#

