

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
 Data File : VU024719.D
 Acq On : 19 Jun 2018 03:31
 Operator : MD/SY
 Sample : J3535-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS039MW002-180613

Quant Time: Jun 19 05:20:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298286	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148548	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	134034	42.94	ug/l	0.00
Spiked Amount			Recovery	=	85.88%	
35) Dibromofluoromethane	4.89	113	117072	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
50) Toluene-d8	7.57	98	434480	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	10.31	95	155436	43.36	ug/l	0.00
Spiked Amount			Recovery	=	86.72%	

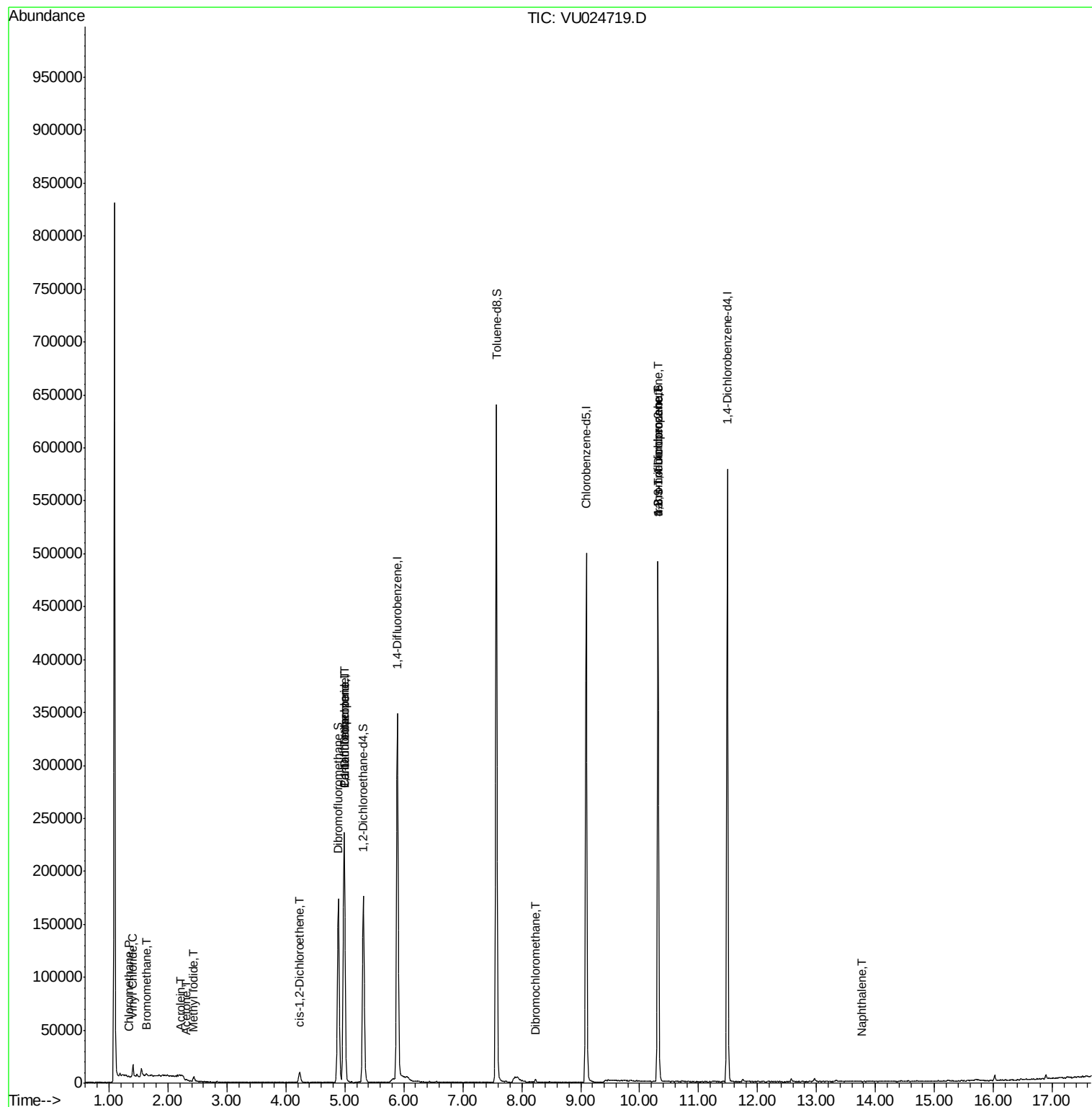
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	812	0.332	ug/l	88
4) Vinyl Chloride	1.40	62	6779	2.688	ug/l	95
5) Bromomethane	1.64	94	829	0.680	ug/l #	76
6) Chloroethane	1.70	64	130	Below Cal	#	43
10) Methyl Iodide	2.42	142	229	5.390	ug/l #	61
13) Acrolein	2.20	56	123	0.309	ug/l #	13
16) Acetone	2.32	43	578	0.345	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	6159	2.234	ug/l	84
31) Cyclohexane	4.99	56	3647	Below Cal	#	5
36) 1,1-Dichloropropene	4.99	75	13177	3.759	ug/l #	49
38) Carbon Tetrachloride	4.99	117	16741	4.343	ug/l #	17
60) Dibromochloromethane	8.23	129	717	0.220	ug/l #	11
76) 1,2,3-Trichloropropane	10.31	75	77310	23.639	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	77310	54.710	ug/l #	100
95) Naphthalene	13.77	128	192	0.697	ug/l #	69

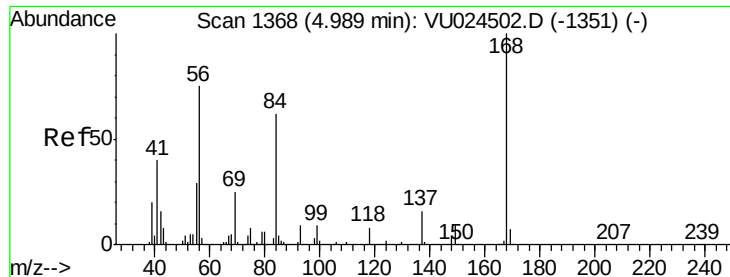
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

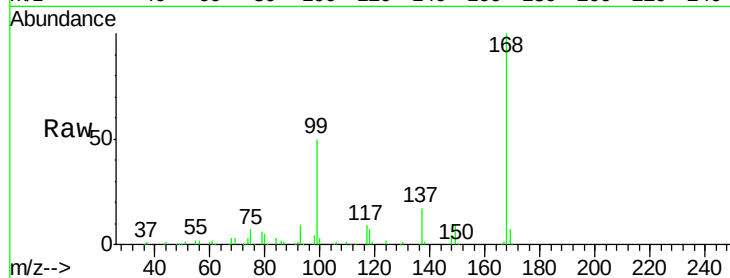
SS039MW002-180613

Tgt Ion:168 Resp: 191211

Ion Ratio Lower Upper

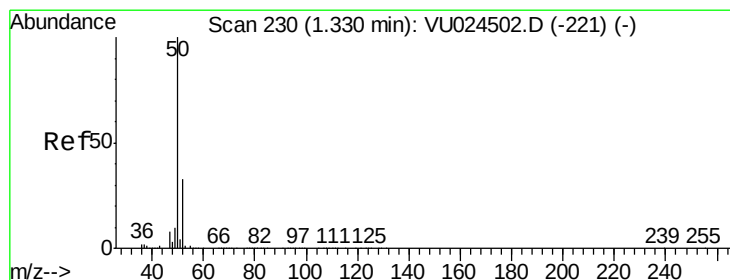
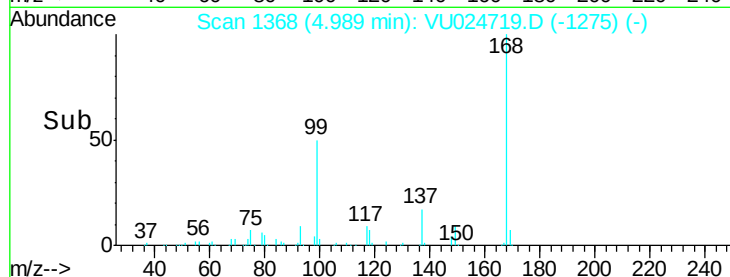
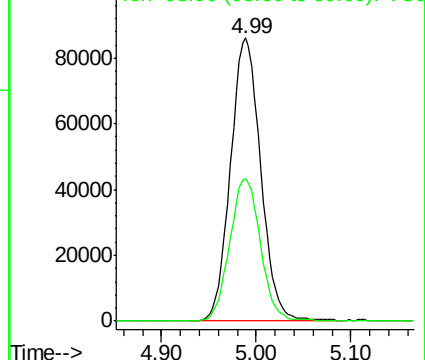
168 100

99 50.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#3

Chloromethane

Concen: 0.332 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU024719.D

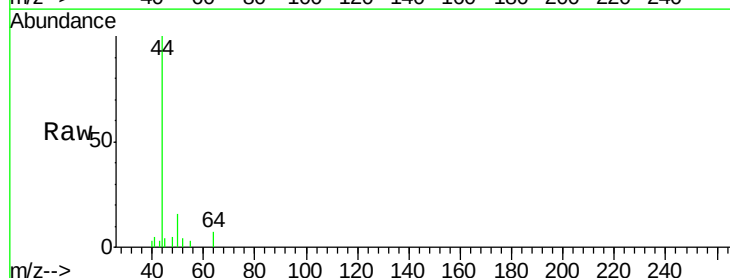
Acq: 19 Jun 2018 03:31

Tgt Ion: 50 Resp: 812

Ion Ratio Lower Upper

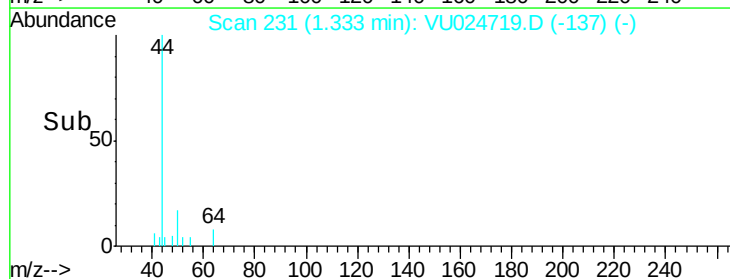
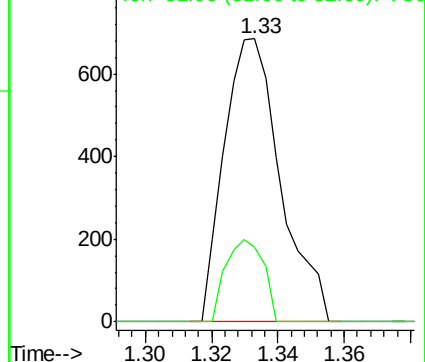
50 100

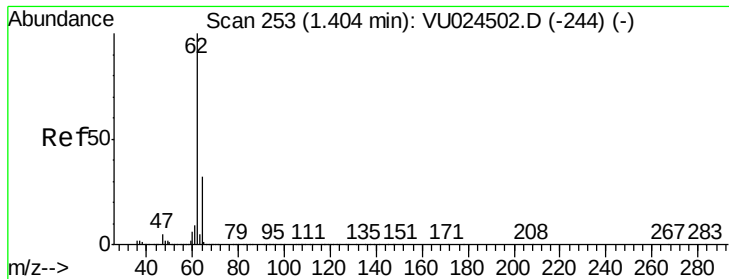
52 26.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)





#4

Vinyl Chloride

Concen: 2.688 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

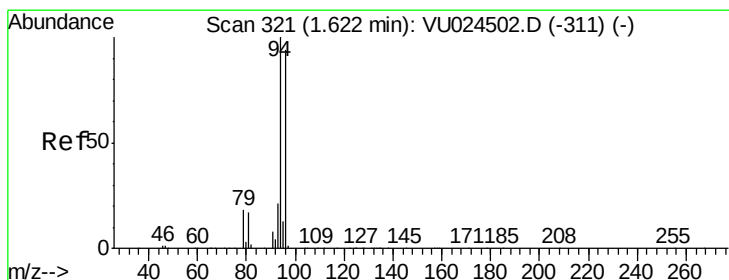
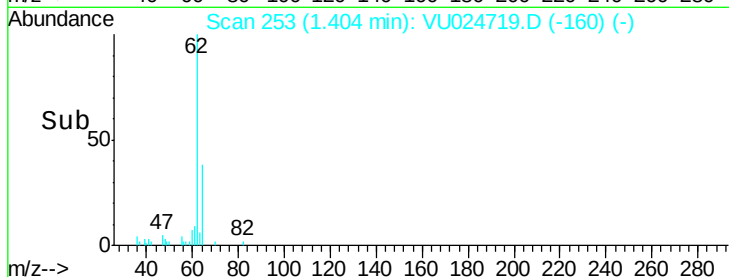
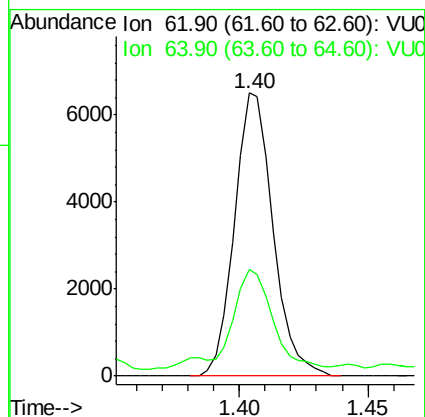
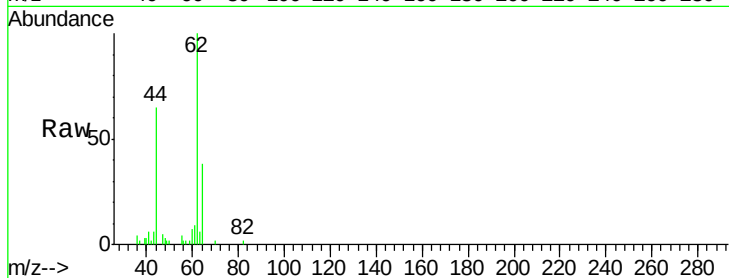
SS039MW002-180613

Tgt Ion: 62 Resp: 6779

Ion Ratio Lower Upper

62 100

64 33.7 24.8 37.2



#5

Bromomethane

Concen: 0.680 ug/l

RT: 1.64 min Scan# 327

Delta R.T. 0.02 min

Lab File: VU024719.D

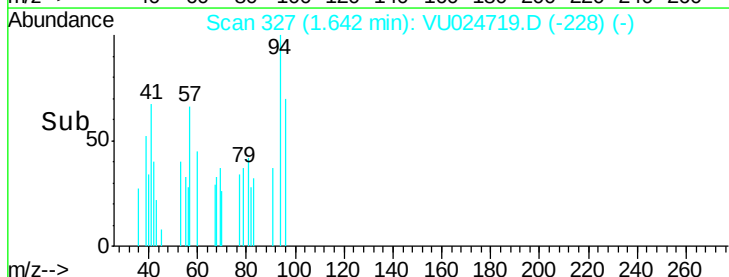
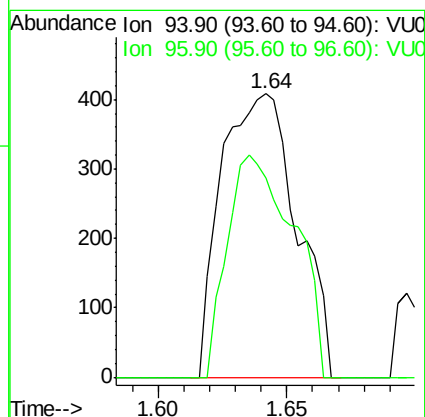
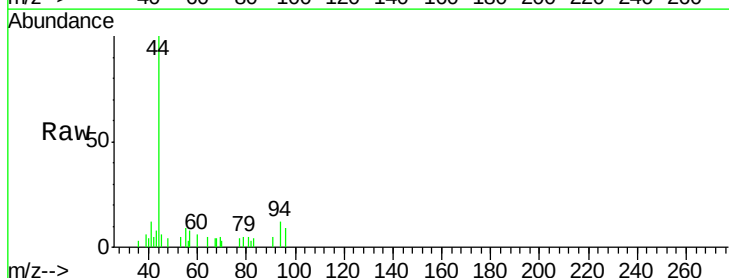
Acq: 19 Jun 2018 03:31

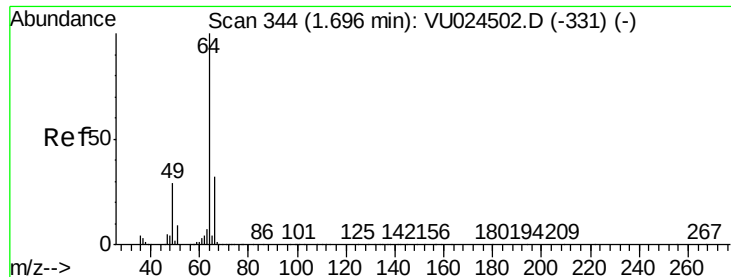
Tgt Ion: 94 Resp: 829

Ion Ratio Lower Upper

94 100

96 70.3 74.5 111.7#





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

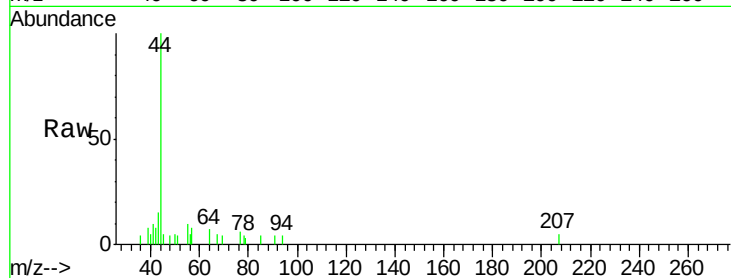
SS039MW002-180613

Tgt Ion: 64 Resp: 130

Ion Ratio Lower Upper

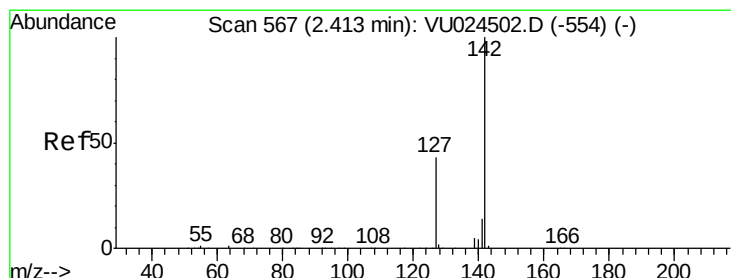
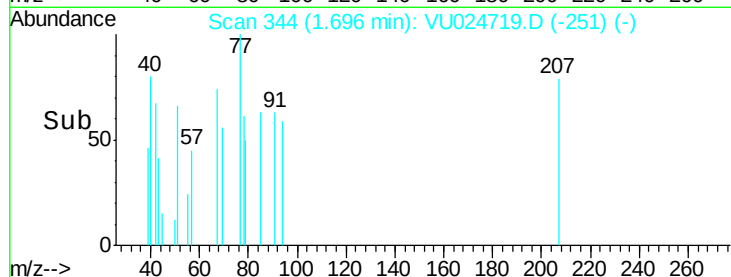
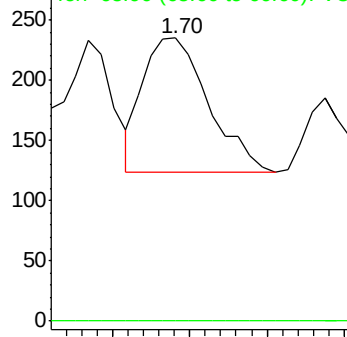
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#10

Methyl Iodide

Concen: 5.390 ug/l

RT: 2.42 min Scan# 569

Delta R.T. 0.01 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

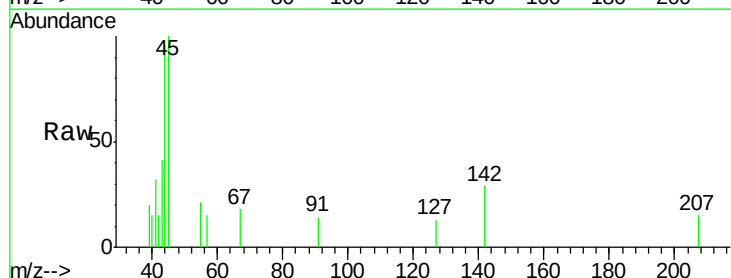
Tgt Ion: 142 Resp: 229

Ion Ratio Lower Upper

142 100

127 18.3 35.6 53.4#

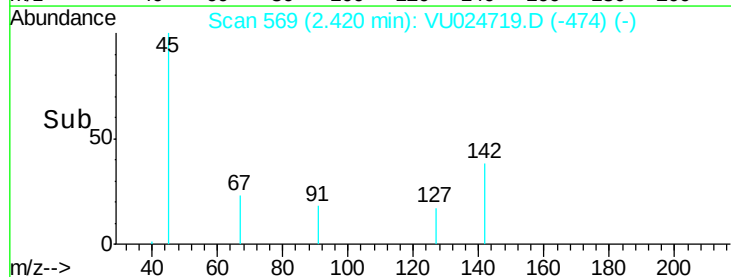
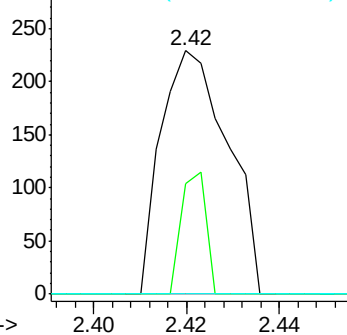
141 0.0 11.7 17.5#

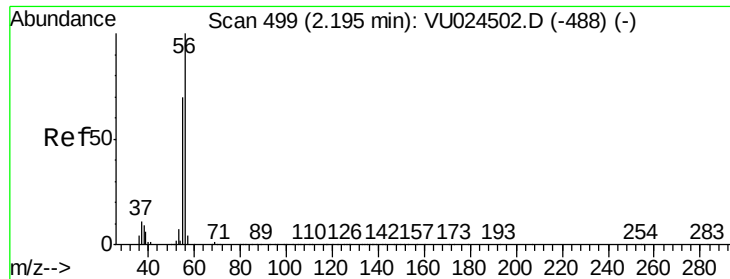


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.309 ug/l

RT: 2.20 min Scan# 502

Delta R.T. 0.01 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

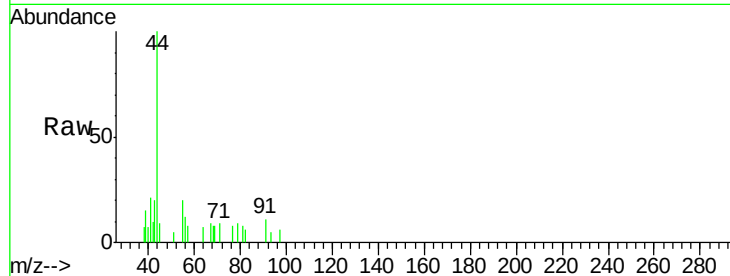
SS039MW002-180613

Tgt Ion: 56 Resp: 123

Ion Ratio Lower Upper

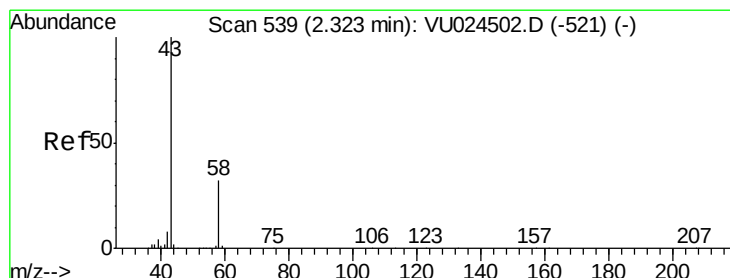
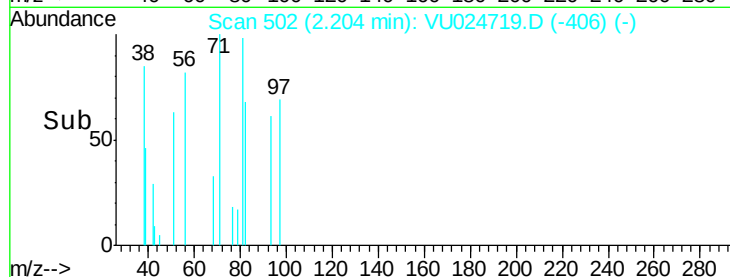
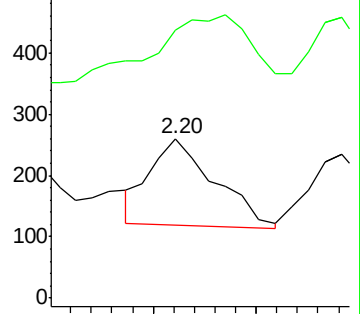
56 100

55 0.0 58.4 87.6#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#16

Acetone

Concen: 0.345 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024719.D

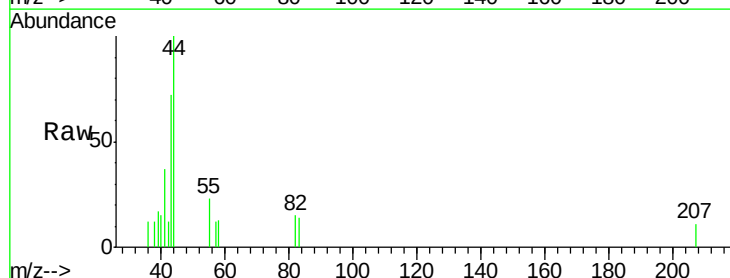
Acq: 19 Jun 2018 03:31

Tgt Ion: 43 Resp: 578

Ion Ratio Lower Upper

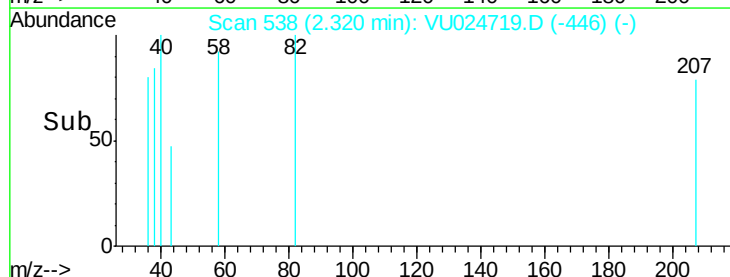
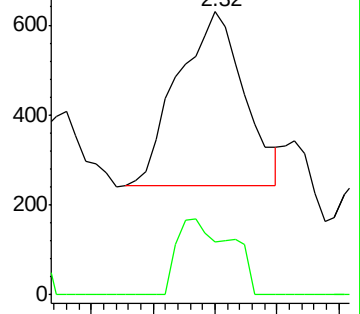
43 100

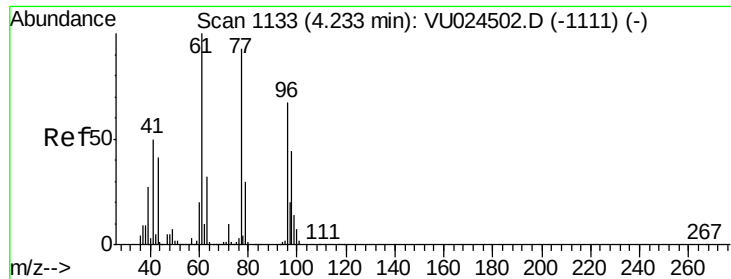
58 30.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

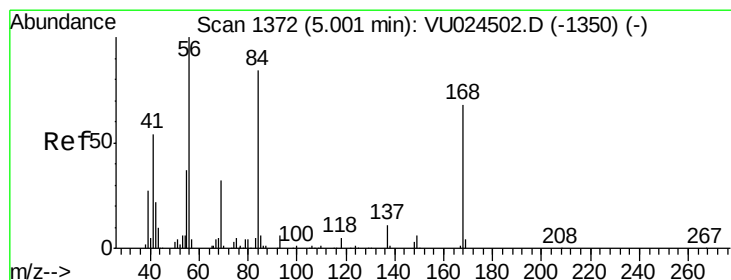
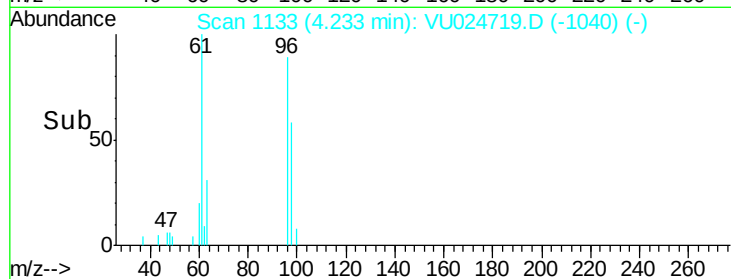
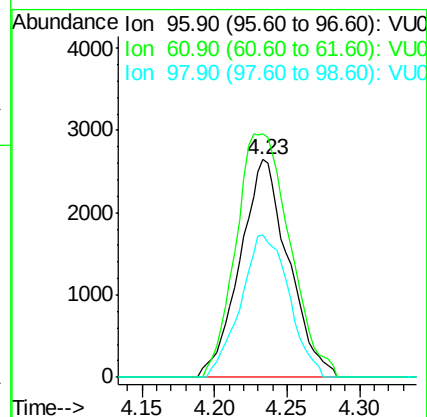
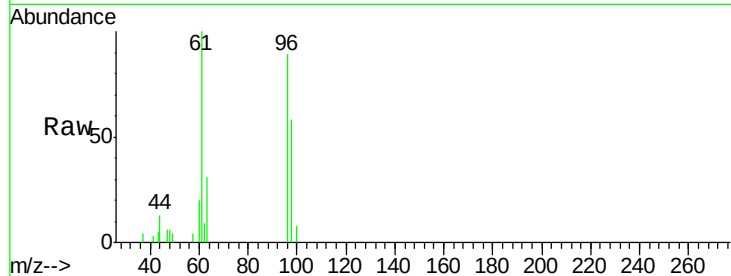




#27
 cis-1,2-Dichloroethene
 Concen: 2.234 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

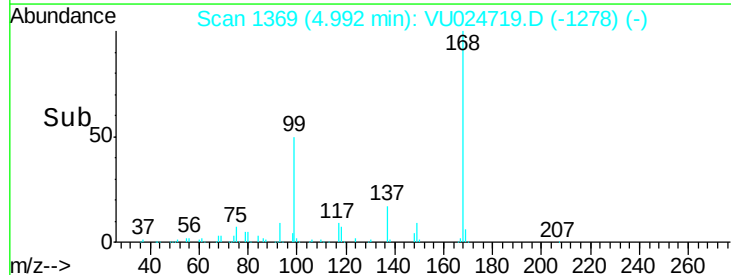
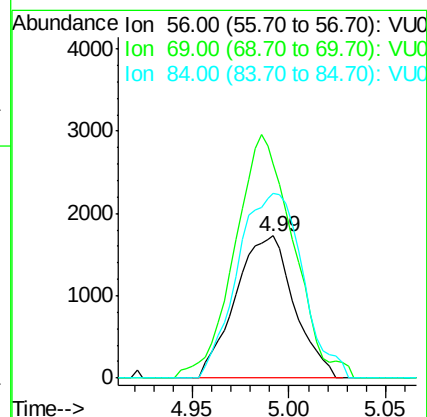
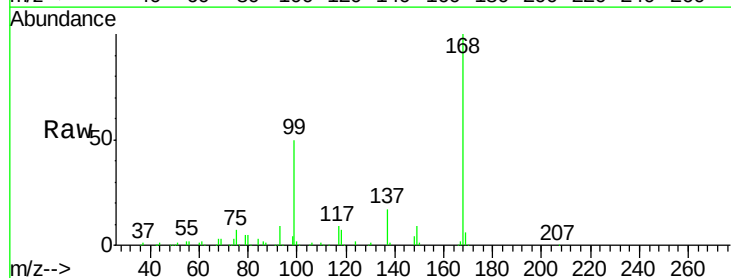
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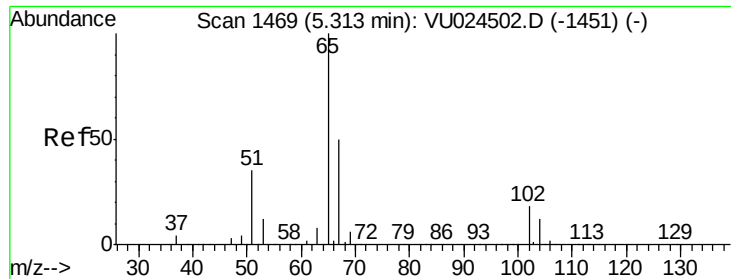
Tgt Ion: 96 Resp: 6159
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 306.6
 98 64.9 0.0 128.8



#31
 Cyclohexane
 Concen: Below Cal
 RT: 4.99 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

Tgt Ion: 56 Resp: 3647
 Ion Ratio Lower Upper
 56 100
 69 141.4 24.8 37.2#
 84 130.2 65.2 97.8#

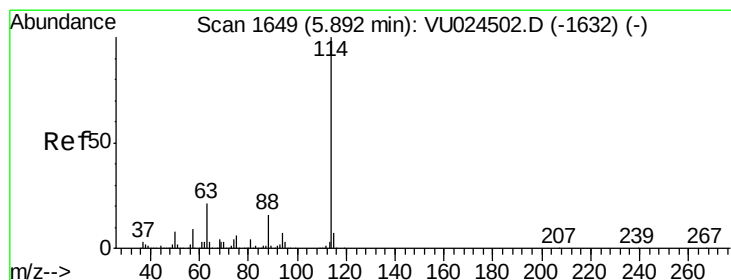
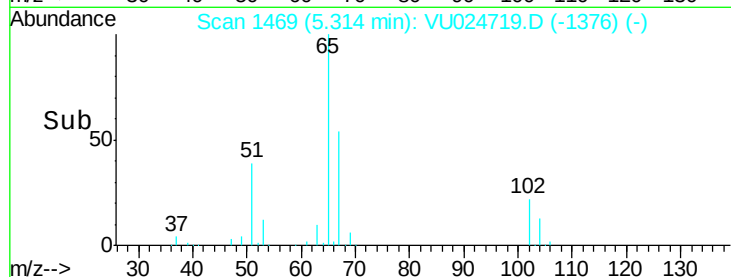
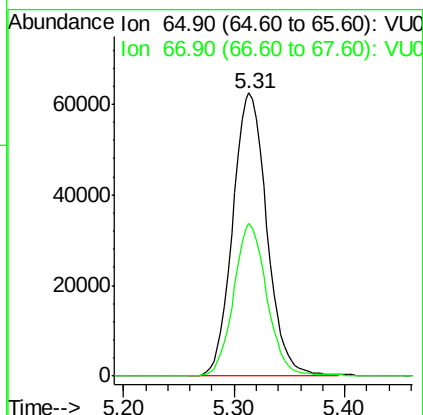
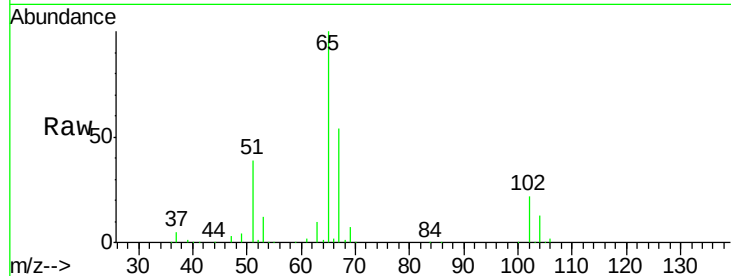




#33
 1,2-Dichloroethane-d4
 Concen: 42.938 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

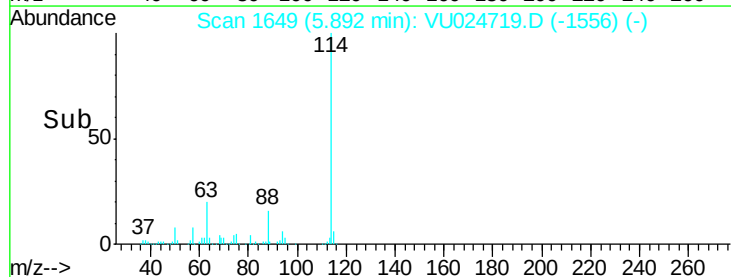
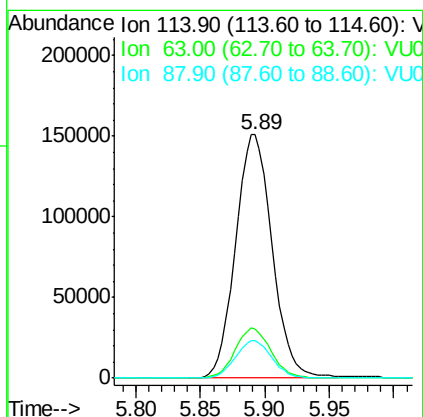
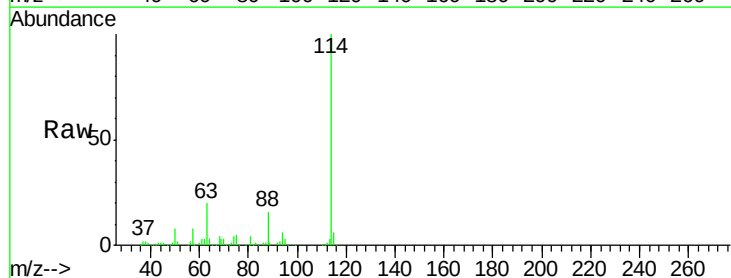
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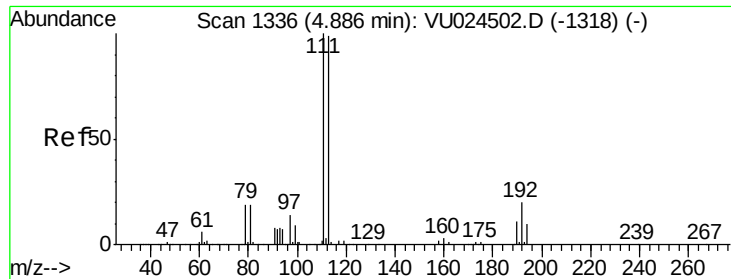
Tgt Ion: 65 Resp: 134034
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

Tgt Ion: 114 Resp: 298286
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 15.6 0.0 31.0

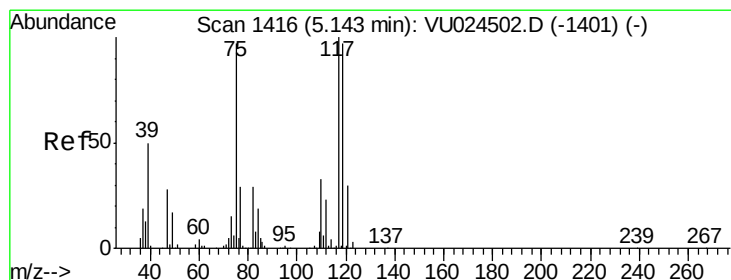
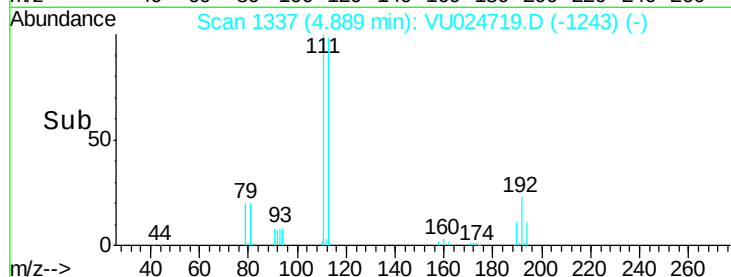
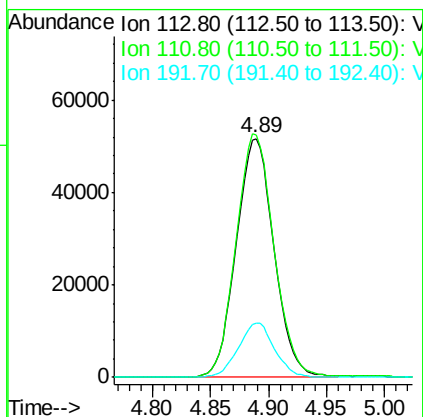
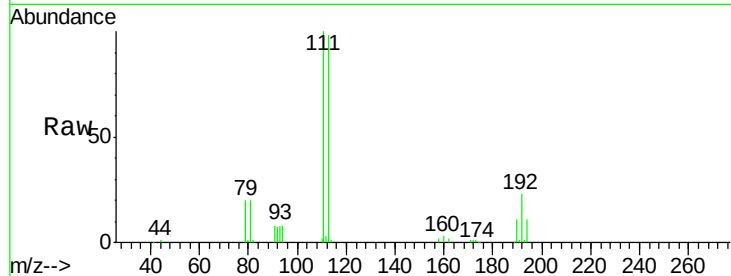




#35
 Dibromofluoromethane
 Concen: 47.291 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

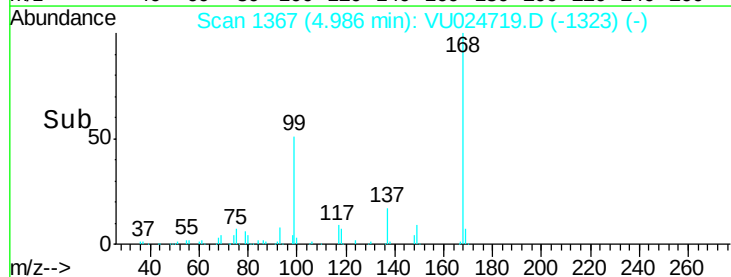
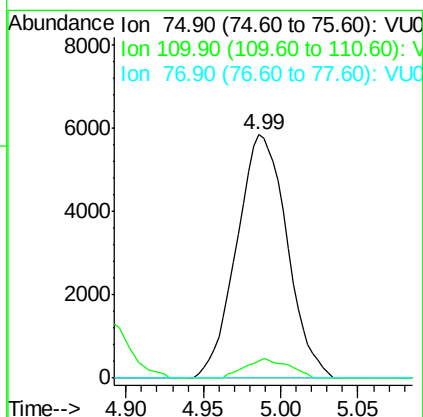
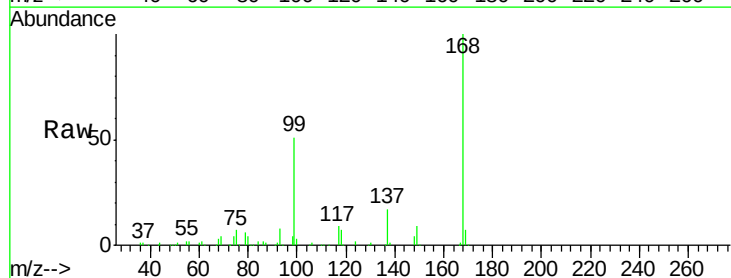
Instrument :
 MSVOA_U
 ClientSampleId :
 SS039MW002-180613

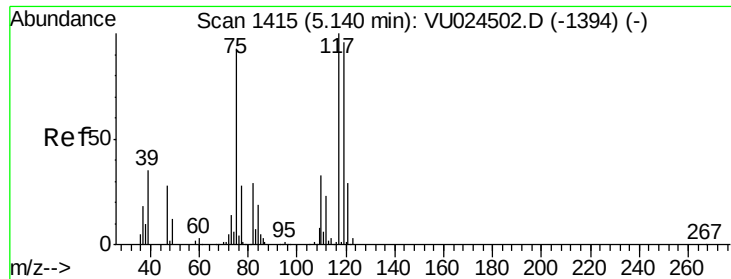
Tgt Ion:113 Resp: 117072
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 21.9 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 3.759 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

Tgt Ion: 75 Resp: 13177
 Ion Ratio Lower Upper
 75 100
 110 7.0 17.0 50.9#
 77 0.0 24.2 36.4#

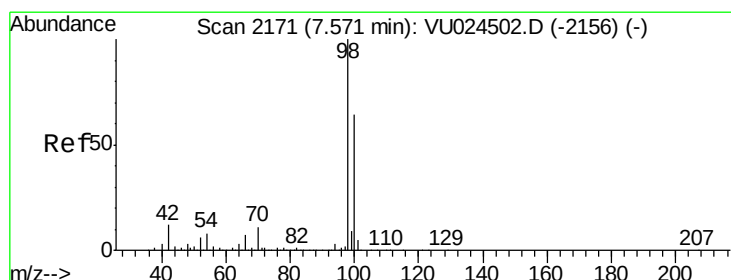
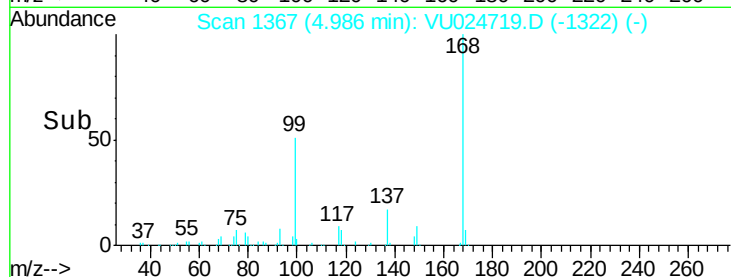
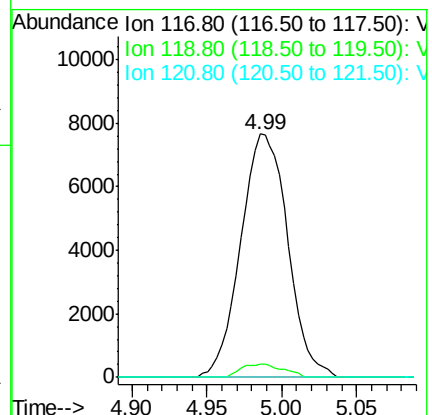
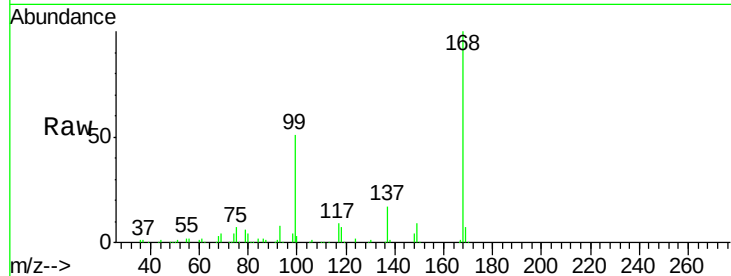




#38
Carbon Tetrachloride
Concen: 4.343 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU024719.D
Acq: 19 Jun 2018 03:31

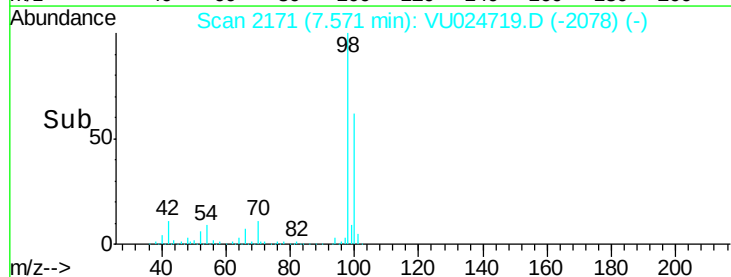
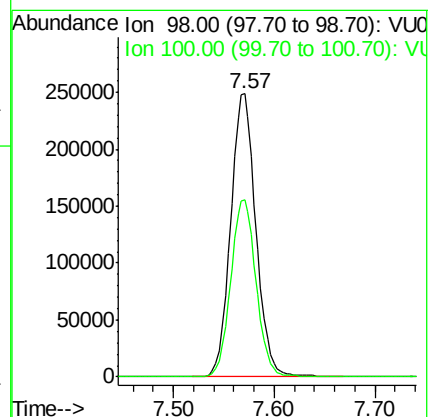
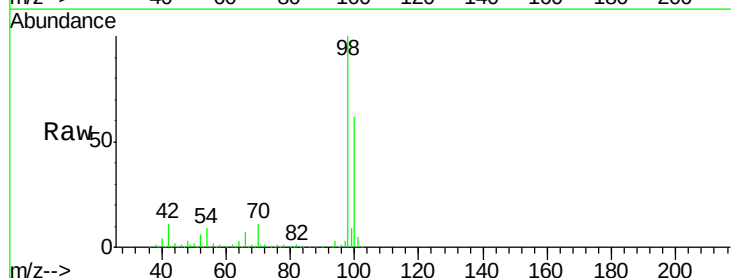
Instrument :
MSVOA_U
ClientSampleId :
SS039MW002-180613

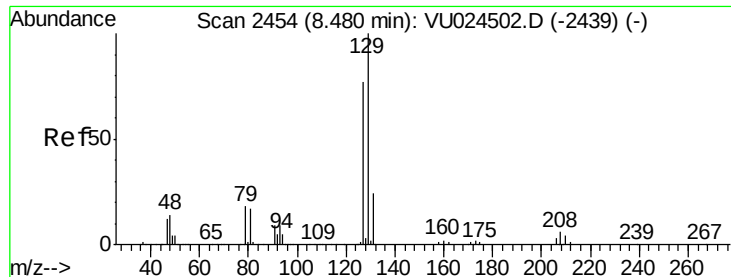
Tgt Ion:117 Resp: 16741
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 48.116 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024719.D
Acq: 19 Jun 2018 03:31

Tgt Ion: 98 Resp: 434480
Ion Ratio Lower Upper
98 100
100 62.9 51.1 76.7

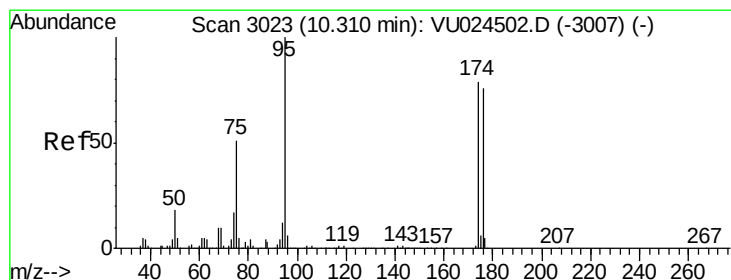
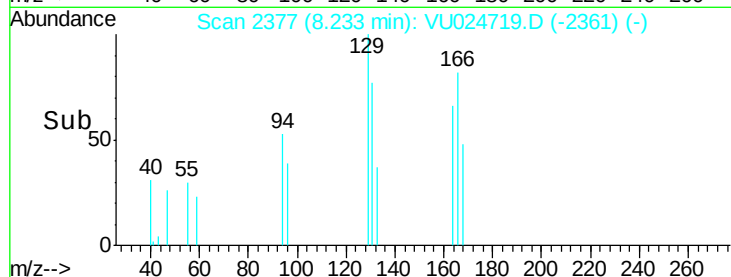
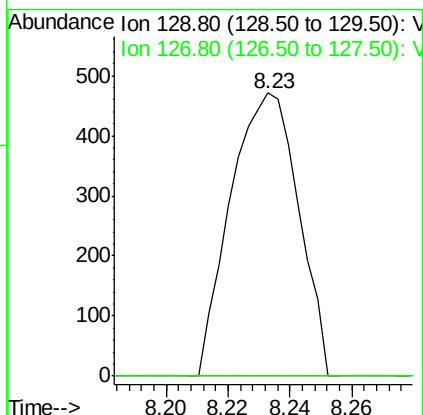
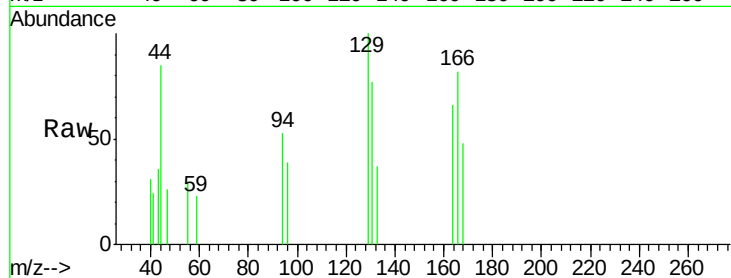




#60
 Dibromochloromethane
 Concen: 0.220 ug/l
 RT: 8.23 min Scan# 2377
 Delta R.T. -0.25 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

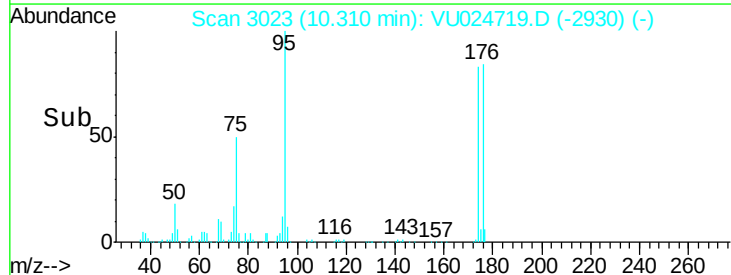
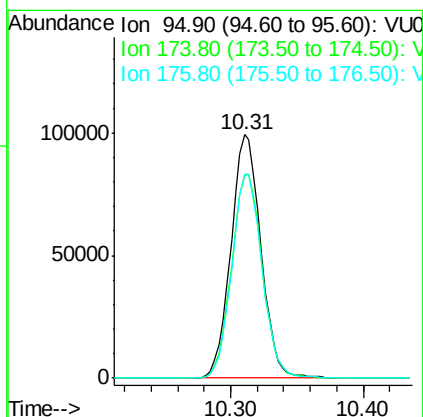
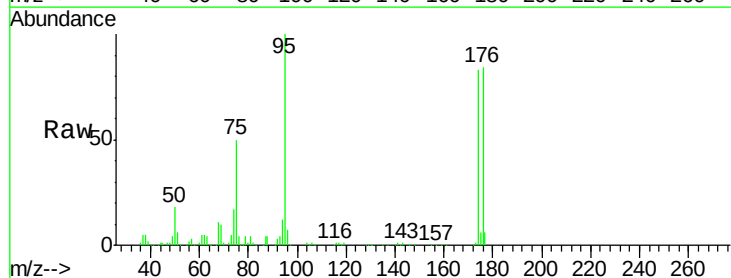
Instrument :
 MSVOA_U
 ClientSampleId :
 SS039MW002-180613

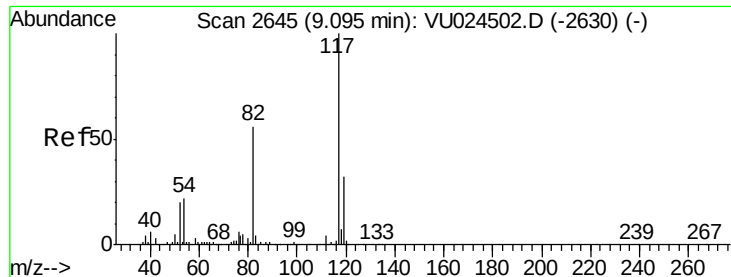
Tgt Ion: 129 Resp: 717
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 116.0#



#62
 4-Bromofluorobenzene
 Concen: 43.355 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

Tgt Ion: 95 Resp: 155436
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 165.8
 176 84.9 0.0 159.4

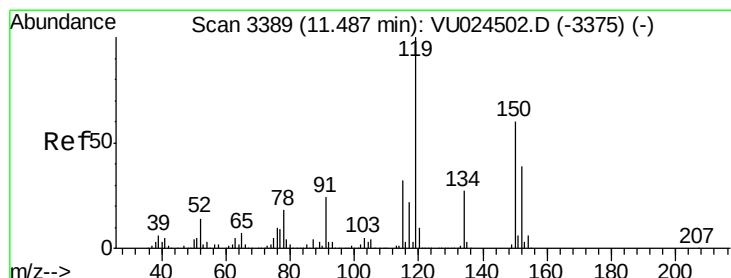
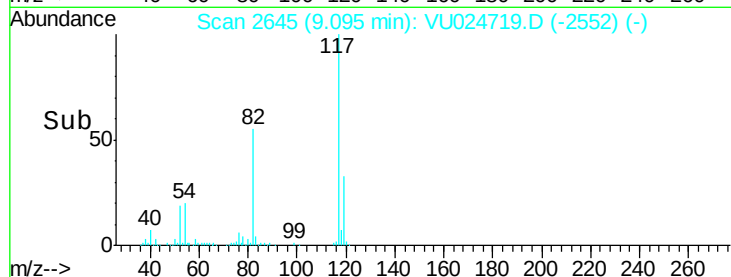
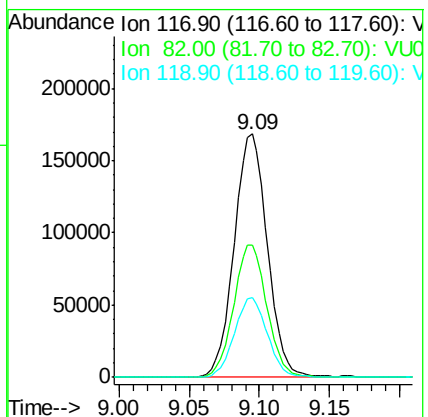
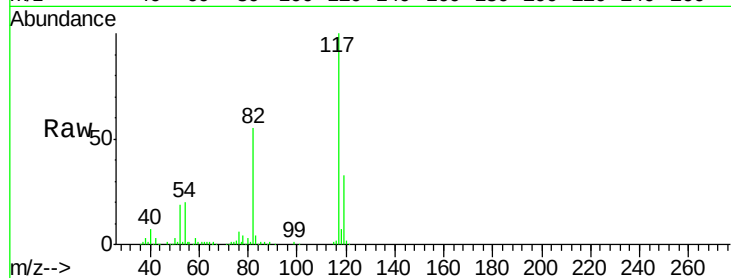




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024719.D
Acq: 19 Jun 2018 03:31

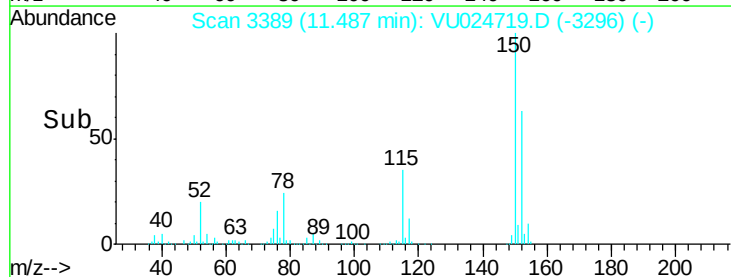
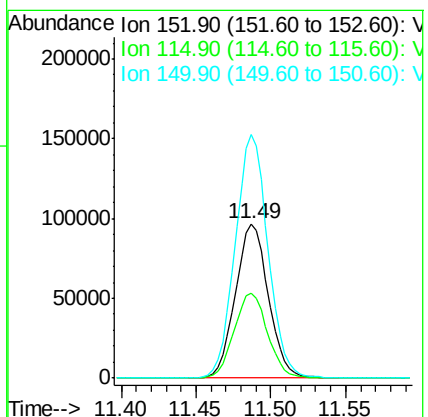
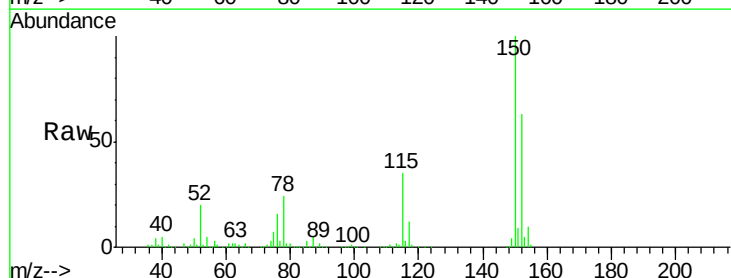
Instrument :
MSVOA_U
ClientSampleId :
SS039MW002-180613

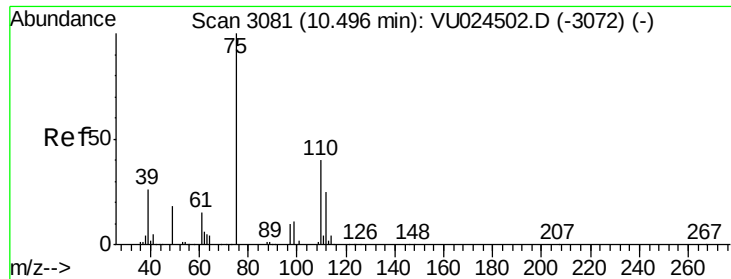
Tgt Ion:117 Resp: 278604
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024719.D
Acq: 19 Jun 2018 03:31

Tgt Ion:152 Resp: 148548
Ion Ratio Lower Upper
152 100
115 56.0 43.0 129.0
150 156.7 0.0 354.0

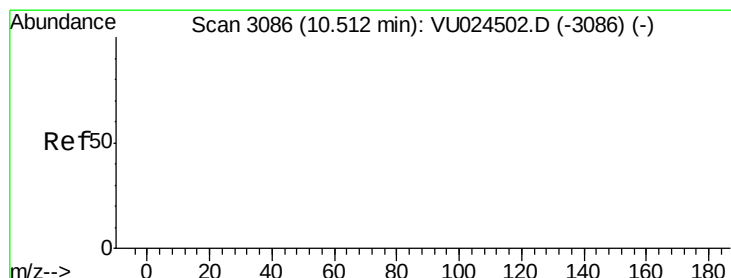
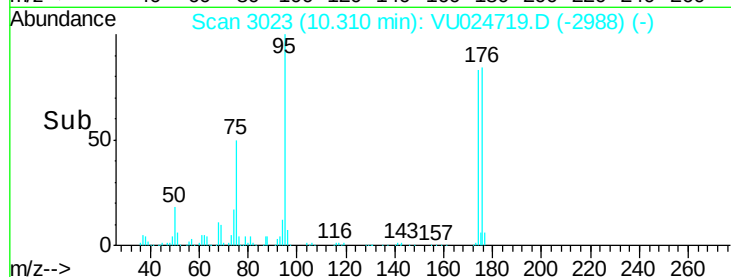
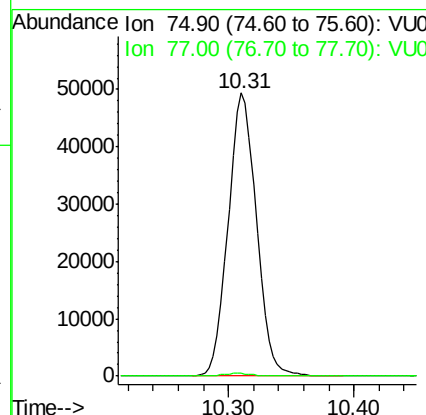
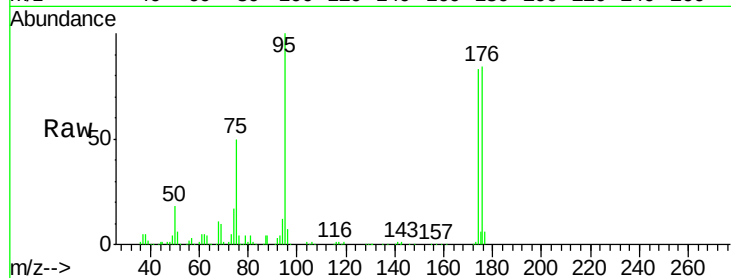




#76
 1,2,3-Trichloropropane
 Concen: 23.639 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

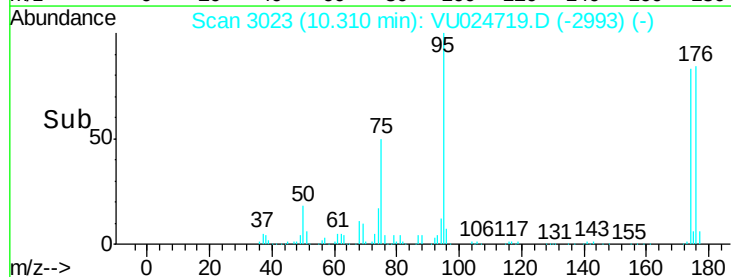
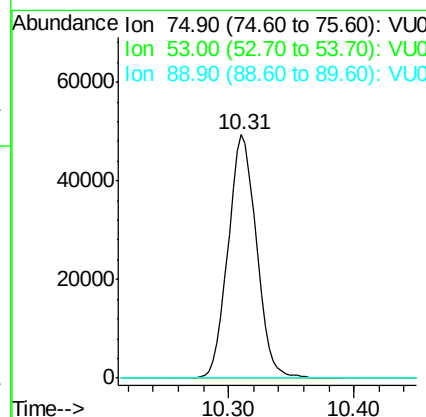
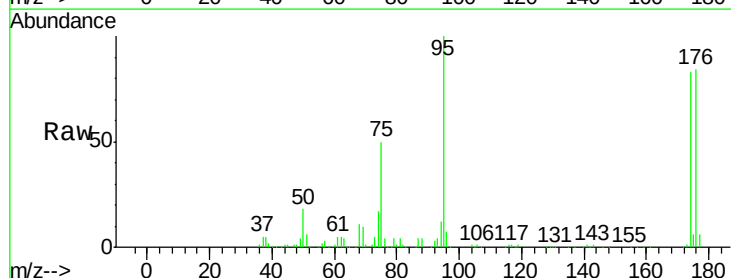
Instrument :
 MSVOA_U
 ClientSampleId :
 SS039MW002-180613

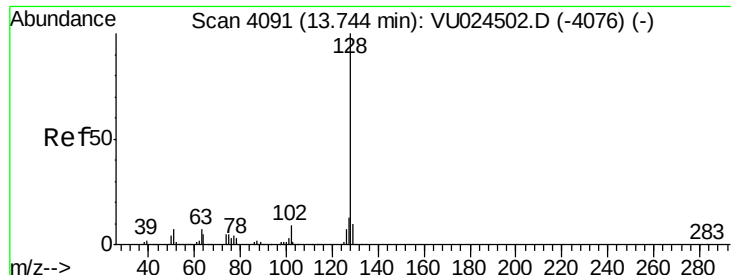
Tgt Ion: 75 Resp: 77310
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.710 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU024719.D
 Acq: 19 Jun 2018 03:31

Tgt Ion: 75 Resp: 77310
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Naphthalene

Concen: 0.697 ug/l

RT: 13.77 min Scan# 4098

Delta R.T. 0.02 min

Lab File: VU024719.D

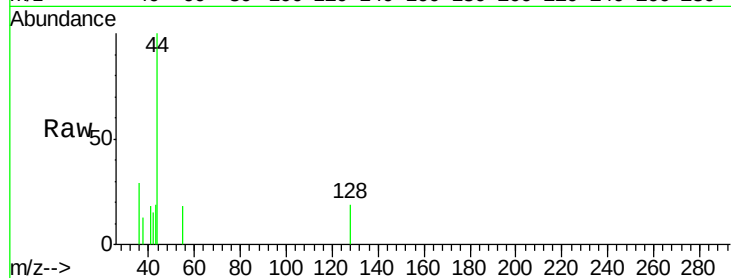
Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

SS039MW002-180613



Tgt Ion:	128	Resp:	192
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

