

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025047.D
 Acq On : 29 Jun 2018 02:47
 Operator : MD/SY
 Sample : J3671-21ME
 Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0481-180621ME

Quant Time: Jun 29 05:16:13 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	4.98	168	229004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	350812	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	339597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	193709	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	172725	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
35) Dibromofluoromethane	4.89	113	132729	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
50) Toluene-d8	7.57	98	508587	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	10.32	95	208801	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

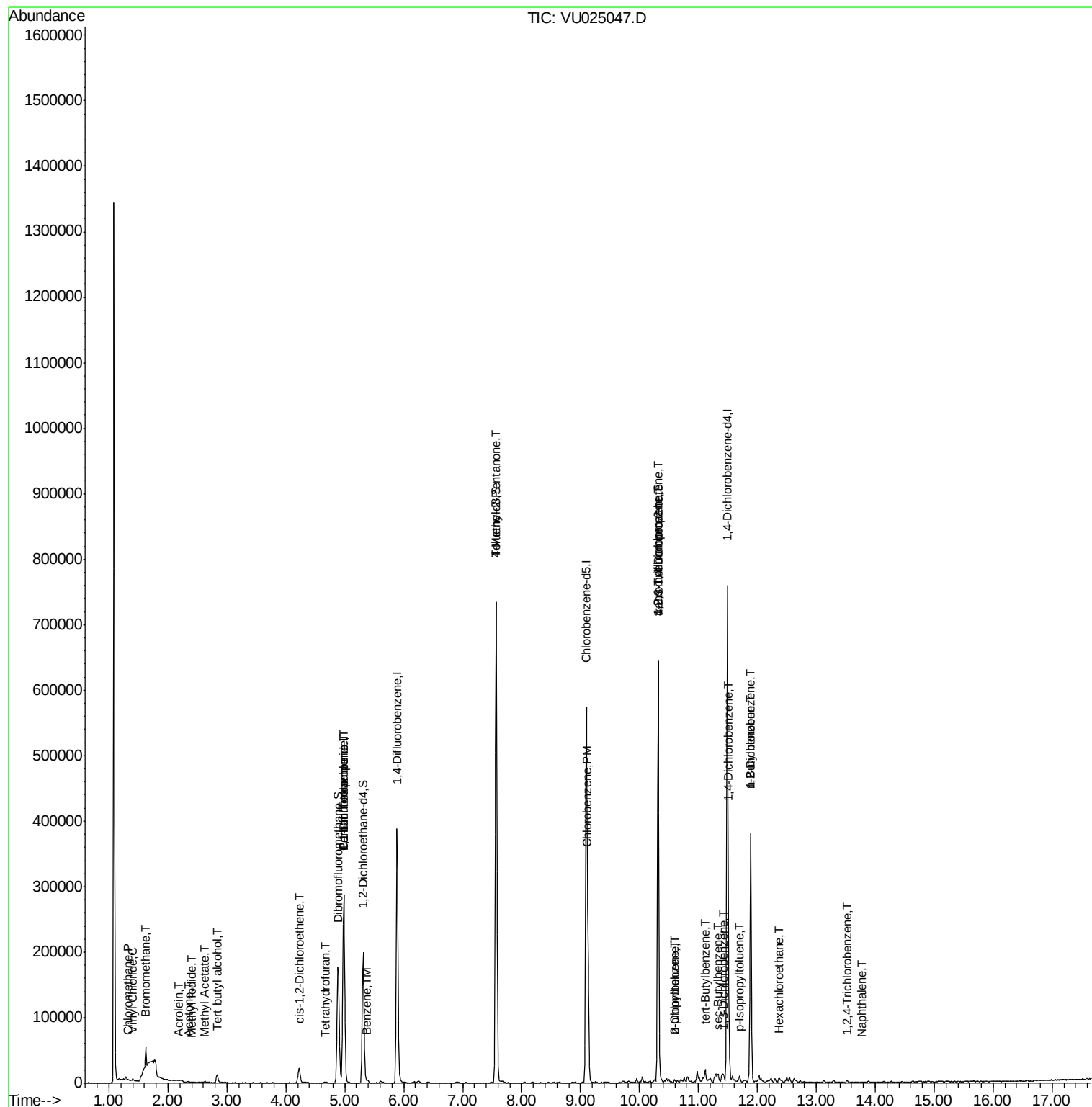
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1019	0.348	ug/l	93
4) Vinyl Chloride	1.40	62	2594	0.859	ug/l	93
5) Bromomethane	1.60	94	813	0.557	ug/l #	74
6) Chloroethane	1.66	64	481	Below Cal	#	58
10) Methyl Iodide	2.40	142	351	5.418	ug/l #	64
11) Tert butyl alcohol	2.83	59	7786	8.563	ug/l #	73
13) Acrolein	2.19	56	220	0.461	ug/l #	13
16) Acetone	2.35	43	1259	0.627	ug/l #	44
18) Methyl Acetate	2.63	43	2110	0.490	ug/l #	89
27) cis-1,2-Dichloroethene	4.22	96	13360	4.046	ug/l	91
29) Tetrahydrofuran	4.65	42	519	0.311	ug/l #	38
31) Cyclohexane	4.98	56	4554	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	16556	4.016	ug/l #	52
38) Carbon Tetrachloride	4.98	117	22364	4.933	ug/l #	16
40) Benzene	5.38	78	3915	0.333	ug/l	92
51) 4-Methyl-2-Pentanone	7.56	43	2430	0.498	ug/l #	1
65) Chlorobenzene	9.13	112	117800	13.579	ug/l	100
76) 1,2,3-Trichloropropane	10.32	75	107955	25.313	ug/l #	35
78) n-propylbenzene	10.60	91	4070	0.232	ug/l	94
79) 2-Chlorotoluene	10.60	91	4070	0.394	ug/l #	41
81) trans-1,4-Dichloro-2-buten	10.32	75	107955	58.585	ug/l #	100
83) tert-Butylbenzene	11.11	119	2548	0.205	ug/l	77
85) sec-Butylbenzene	11.33	105	6101	0.393	ug/l	97
86) p-Isopropyltoluene	11.69	119	4174	0.300	ug/l	95
87) 1,3-Dichlorobenzene	11.43	146	4097	0.589	ug/l	92
88) 1,4-Dichlorobenzene	11.51	146	28387	4.055	ug/l	90
89) n-Butylbenzene	11.90	91	4915	0.398	ug/l	93
90) Hexachloroethane	12.36	117	2295	0.846	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	149823	21.504	ug/l	99
93) 1,2,4-Trichlorobenzene	13.52	180	1452	0.337	ug/l	92
95) Naphthalene	13.76	128	601	0.721	ug/l #	69

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

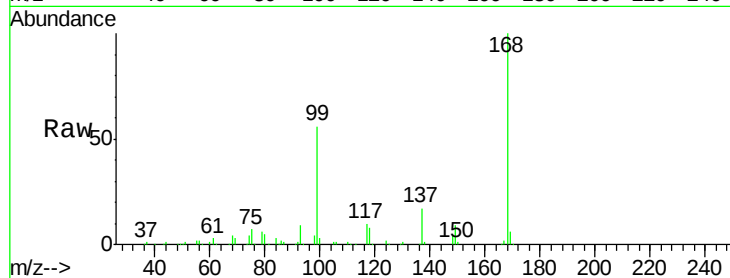
DUP-0481-180621ME

Tgt Ion:168 Resp: 229004

Ion Ratio Lower Upper

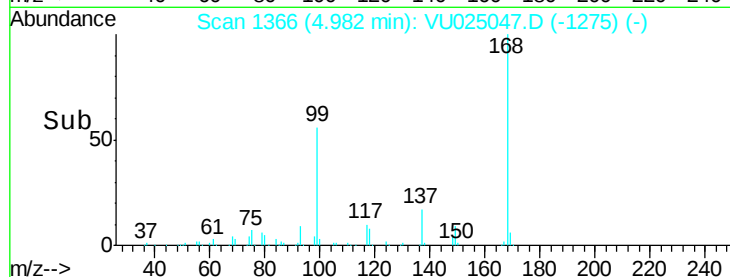
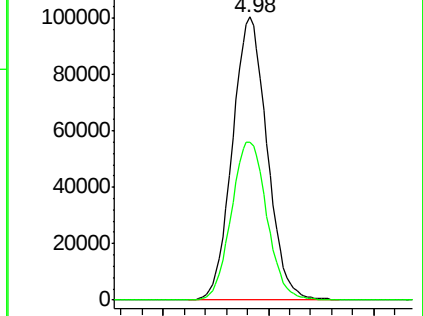
168 100

99 55.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#3

Chloromethane

Concen: 0.348 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025047.D

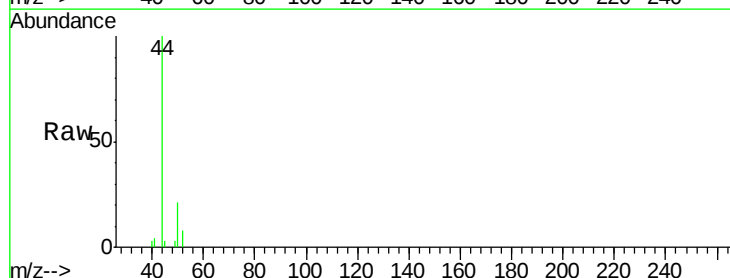
Acq: 29 Jun 2018 02:47

Tgt Ion: 50 Resp: 1019

Ion Ratio Lower Upper

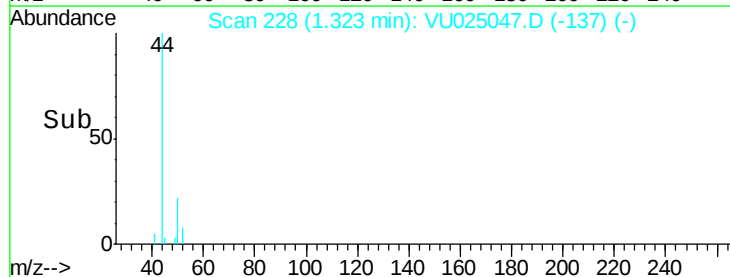
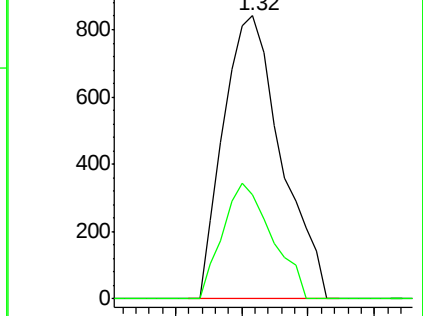
50 100

52 37.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0





#4

Vinyl Chloride

Concen: 0.859 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

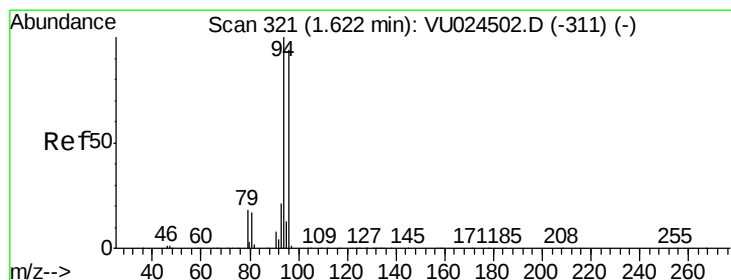
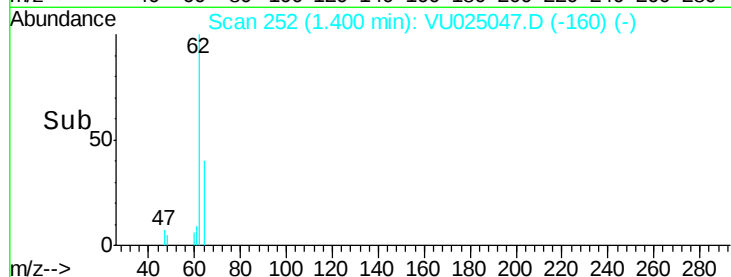
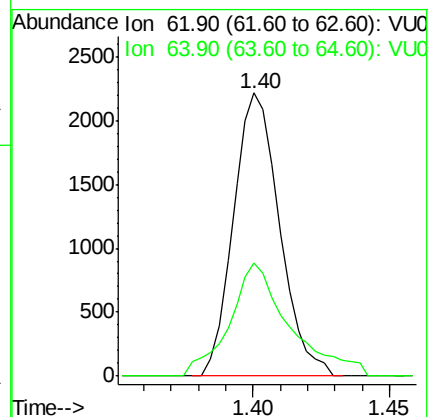
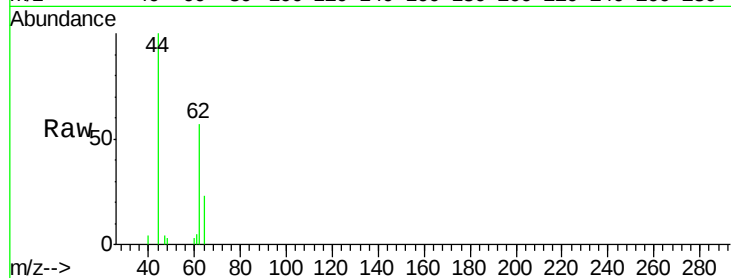
DUP-0481-180621ME

Tgt Ion: 62 Resp: 2594

Ion Ratio Lower Upper

62 100

64 34.9 24.8 37.2



#5

Bromomethane

Concen: 0.557 ug/l

RT: 1.60 min Scan# 315

Delta R.T. -0.02 min

Lab File: VU025047.D

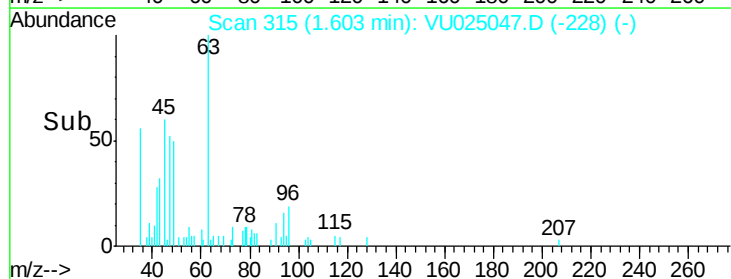
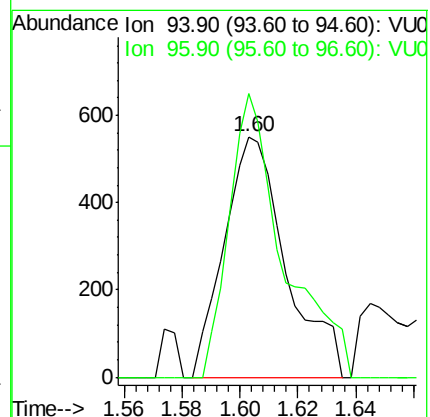
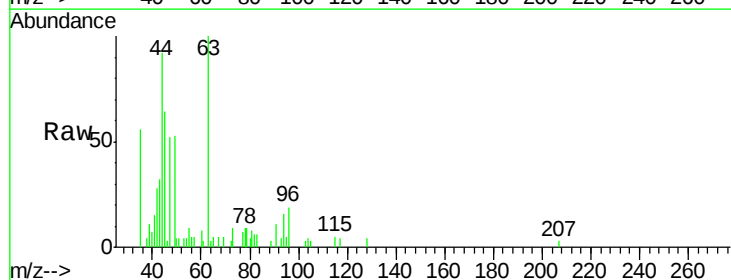
Acq: 29 Jun 2018 02:47

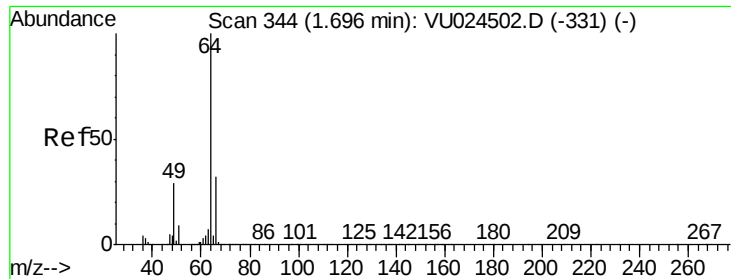
Tgt Ion: 94 Resp: 813

Ion Ratio Lower Upper

94 100

96 117.8 74.5 111.7#





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 333

Delta R.T. -0.04 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

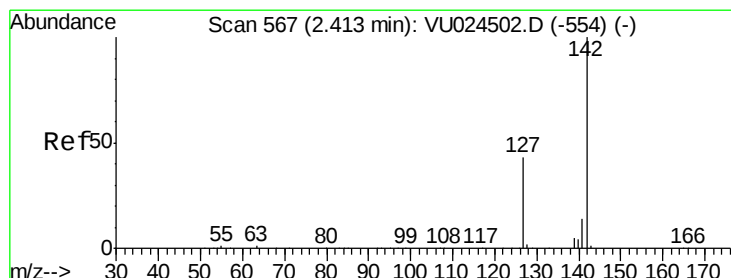
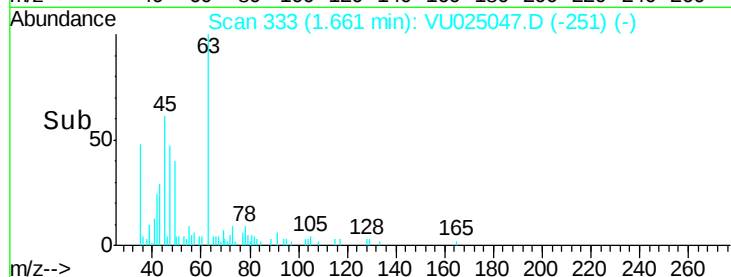
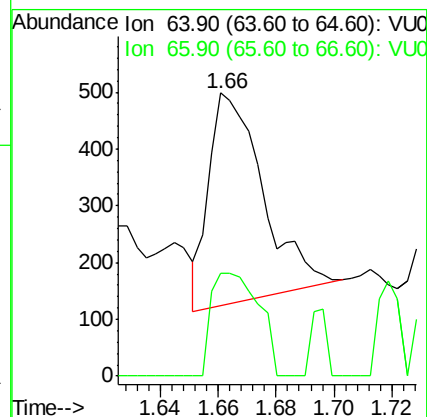
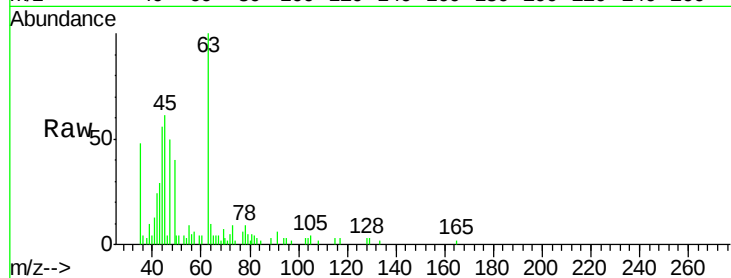
DUP-0481-180621ME

Tgt Ion: 64 Resp: 481

Ion Ratio Lower Upper

64 100

66 55.2 25.5 38.3#



#10

Methyl Iodide

Concen: 5.418 ug/l

RT: 2.40 min Scan# 562

Delta R.T. -0.02 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

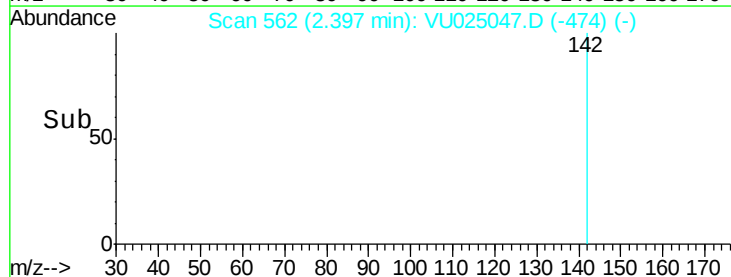
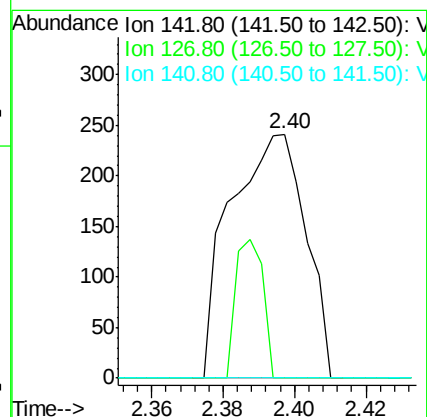
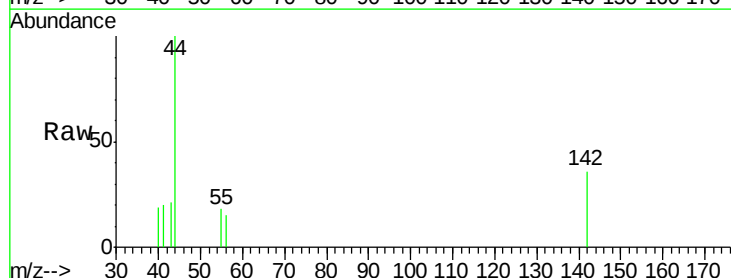
Tgt Ion: 142 Resp: 351

Ion Ratio Lower Upper

142 100

127 20.8 35.6 53.4#

141 0.0 11.7 17.5#

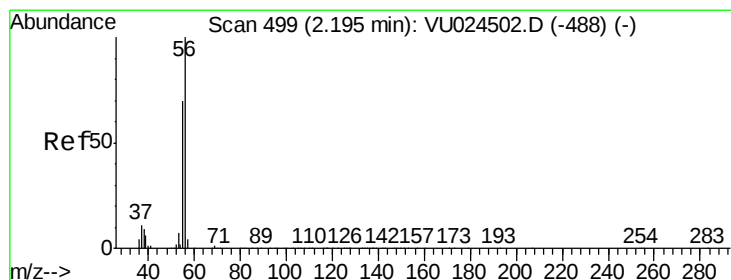
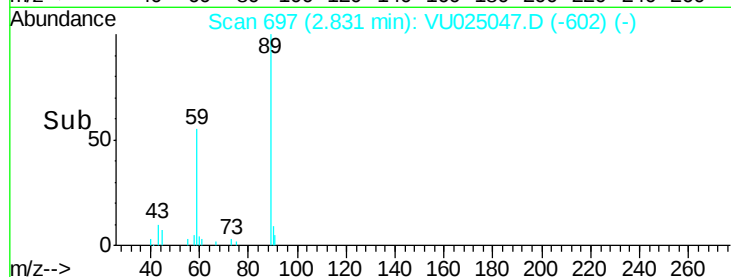
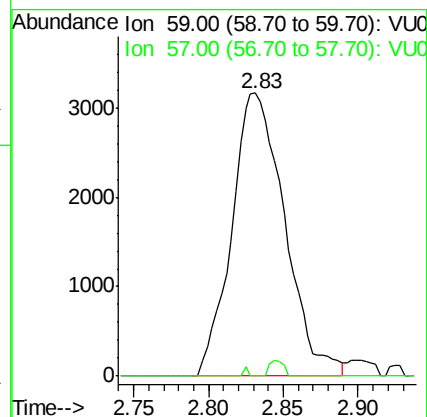
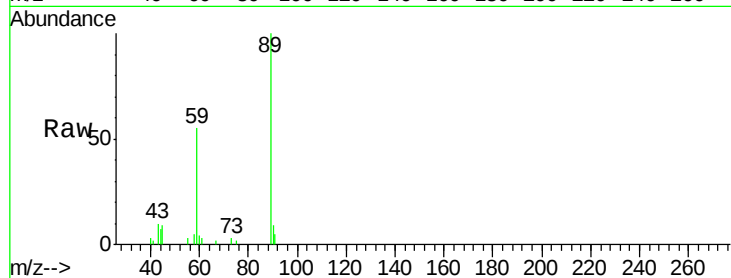




#11
Tert butyl alcohol
Concen: 8.563 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

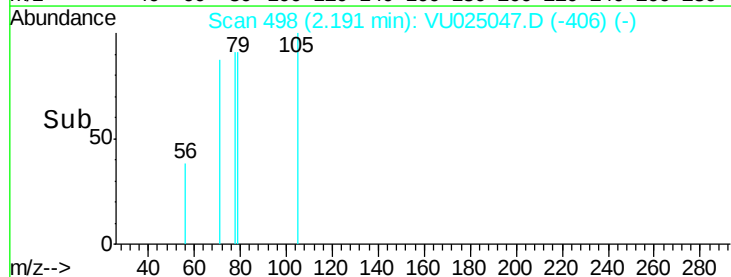
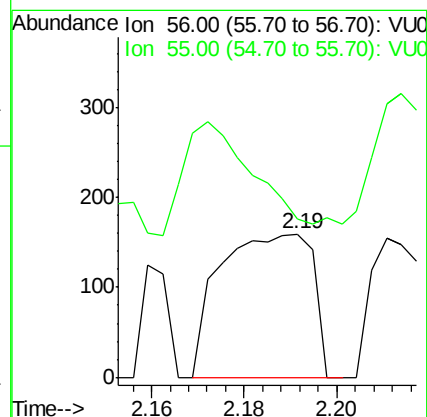
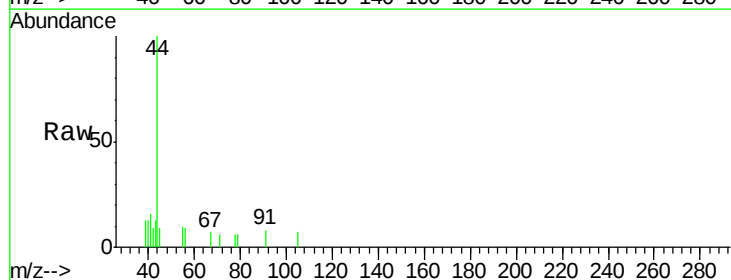
Instrument :
MSVOA_U
ClientSampleId :
DUP-0481-180621ME

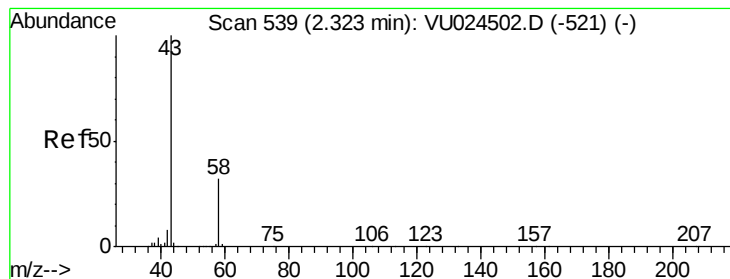
Tgt Ion: 59 Resp: 7786
Ion Ratio Lower Upper
59 100
57 0.3 8.5 12.7#



#13
Acrolein
Concen: 0.461 ug/l
RT: 2.19 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

Tgt Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 0.0 58.4 87.6#





#16

Acetone

Concen: 0.627 ug/l

RT: 2.35 min Scan# 546

Delta R.T. 0.02 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

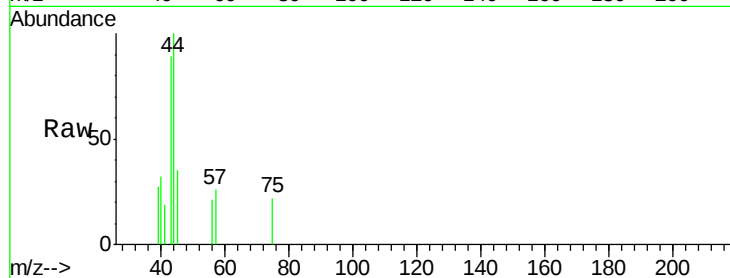
DUP-0481-180621ME

Tgt Ion: 43 Resp: 1259

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

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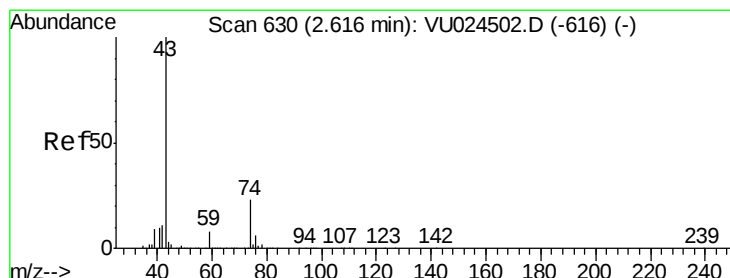
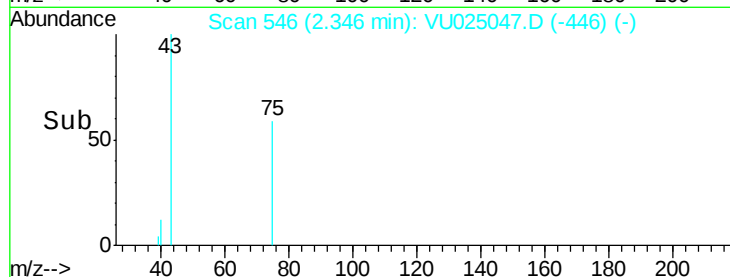
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Time-->



#18

Methyl Acetate

Concen: 0.490 ug/l

RT: 2.63 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU025047.D

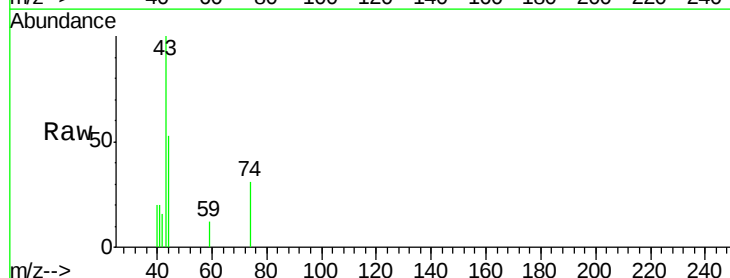
Acq: 29 Jun 2018 02:47

Tgt Ion: 43 Resp: 2110

Ion Ratio Lower Upper

43 100

74 17.4 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-616) (-)

Ion 74.00 (73.70 to 74.70): VU024502.D (-616) (-)

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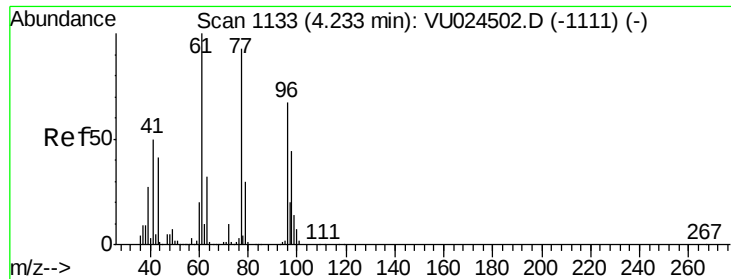
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#27

cis-1,2-Dichloroethene

Concen: 4.046 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

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ClientSampleId :

DUP-0481-180621ME

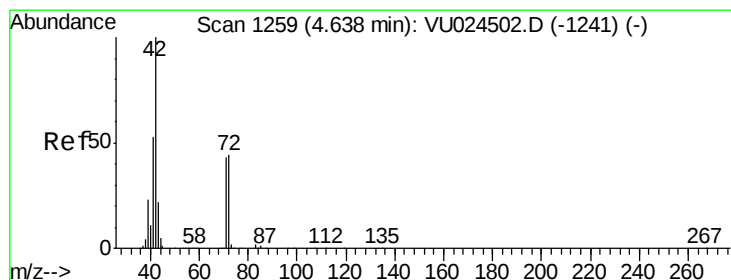
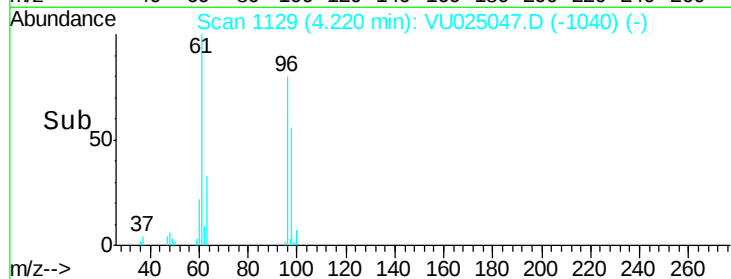
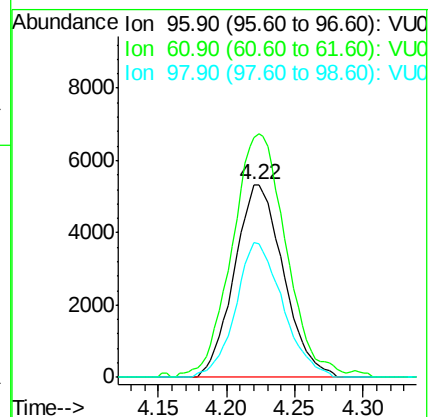
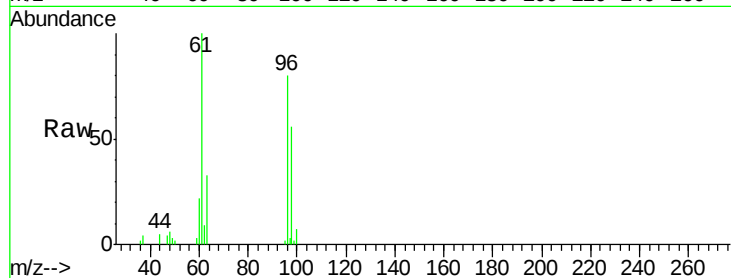
Tgt Ion: 96 Resp: 13360

Ion Ratio Lower Upper

96 100

61 138.6 0.0 306.6

98 67.1 0.0 128.8



#29

Tetrahydrofuran

Concen: 0.311 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. 0.02 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

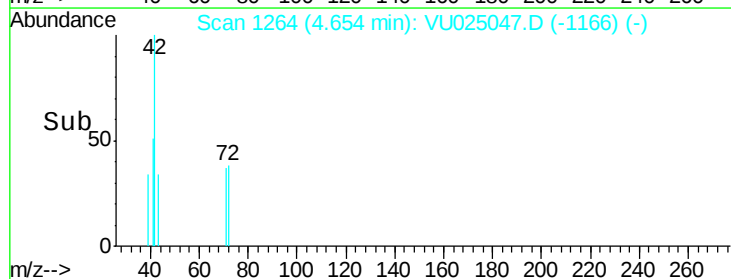
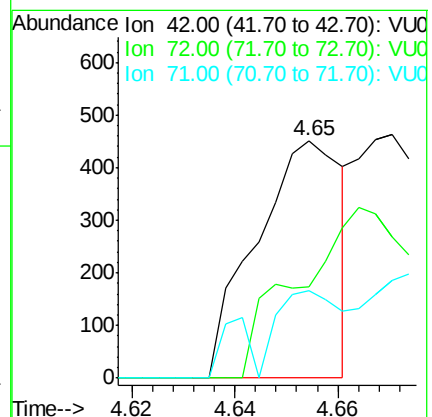
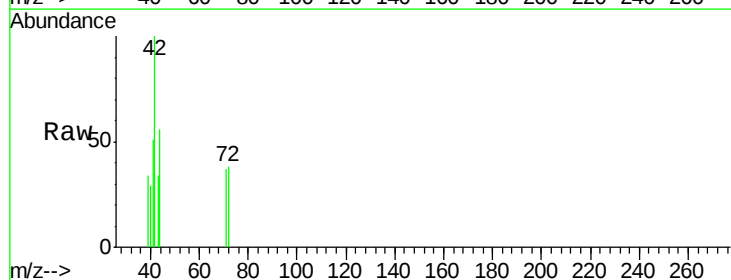
Tgt Ion: 42 Resp: 519

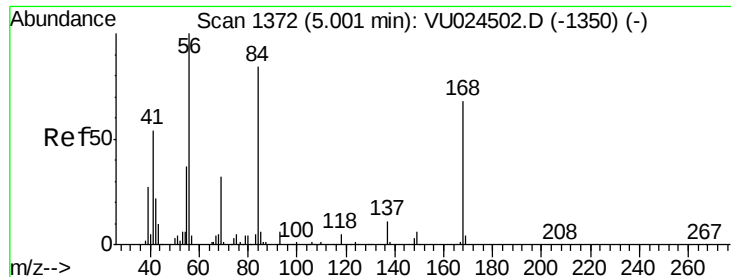
Ion Ratio Lower Upper

42 100

72 106.6 34.5 51.7#

71 26.8 32.2 48.4#

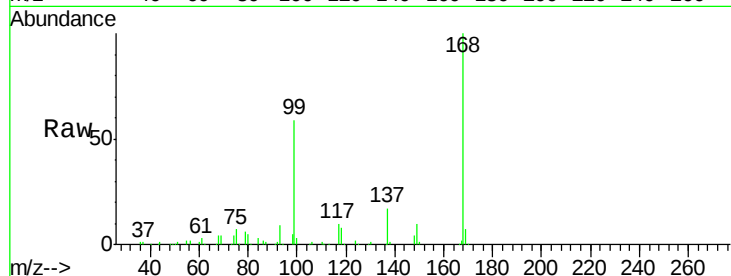




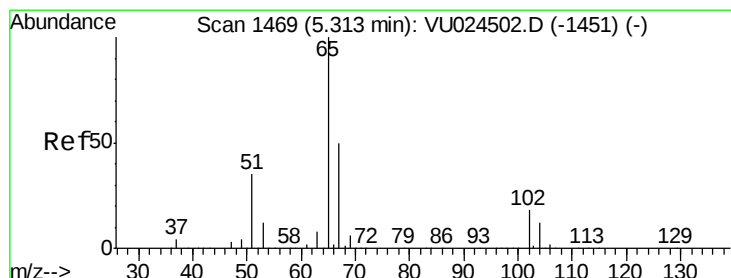
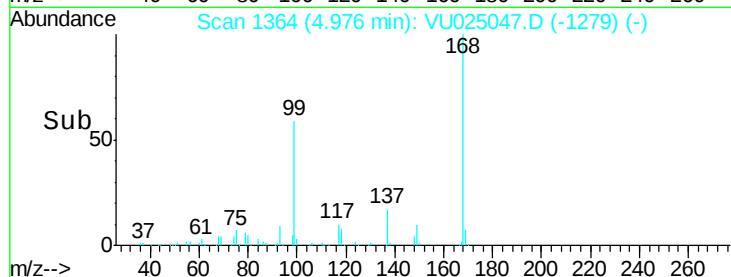
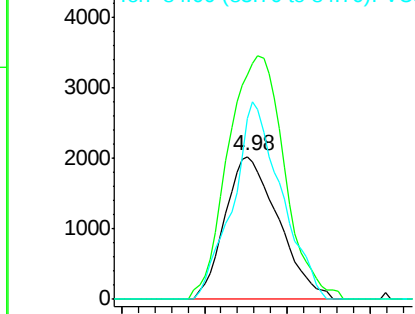
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1364
Delta R.T. -0.03 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

Instrument :
MSVOA_U
ClientSampleId :
DUP-0481-180621ME

Tgt Ion: 56 Resp: 4554
Ion Ratio Lower Upper
56 100
69 157.3 24.8 37.2#
84 126.4 65.2 97.8#

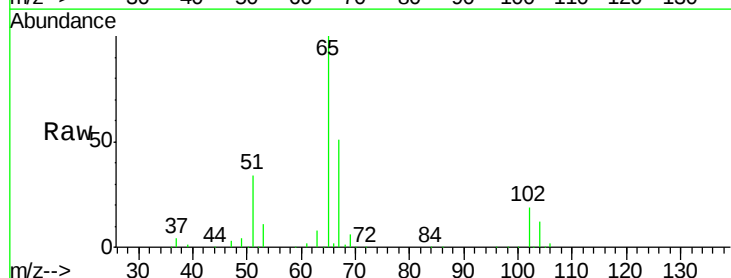


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

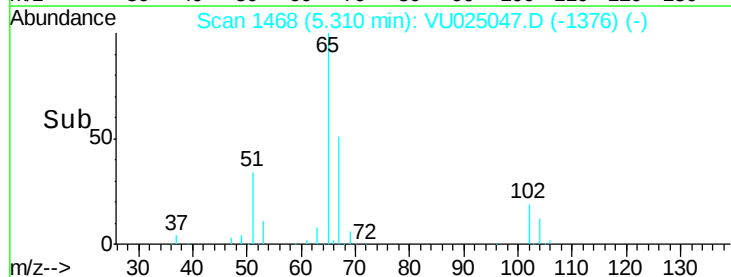
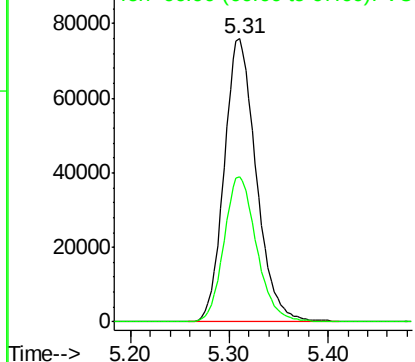


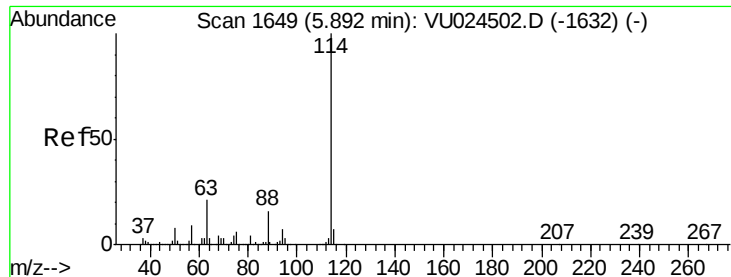
#33
1,2-Dichloroethane-d4
Concen: 46.201 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

Tgt Ion: 65 Resp: 172725
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

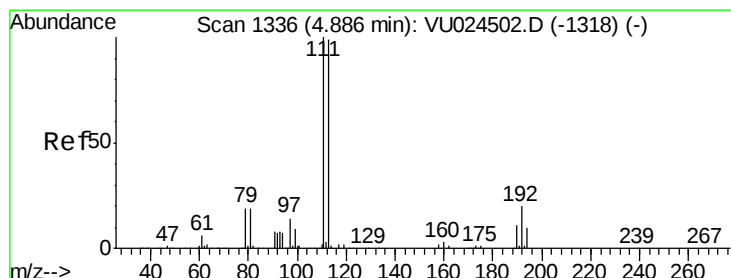
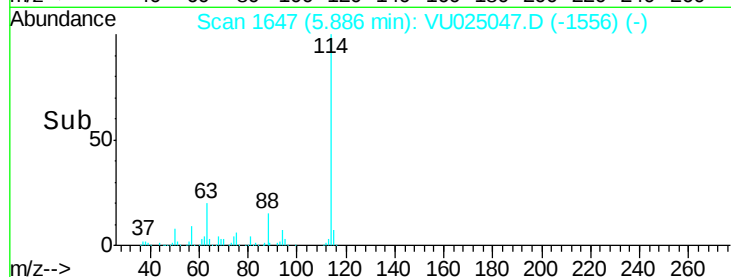
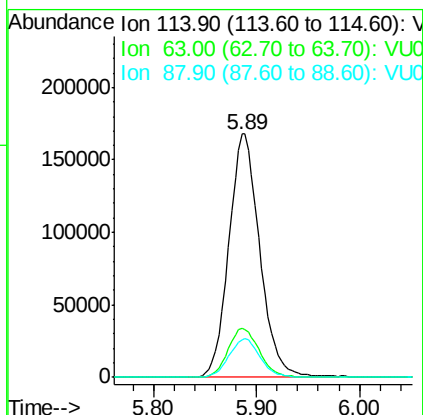
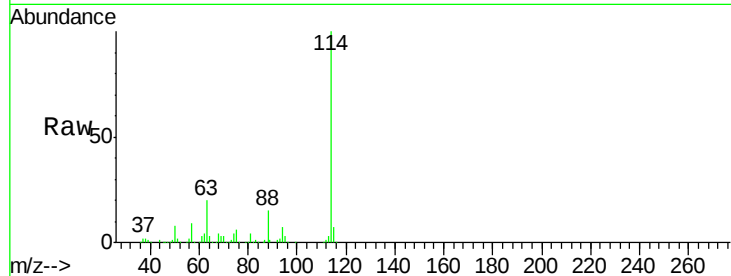




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

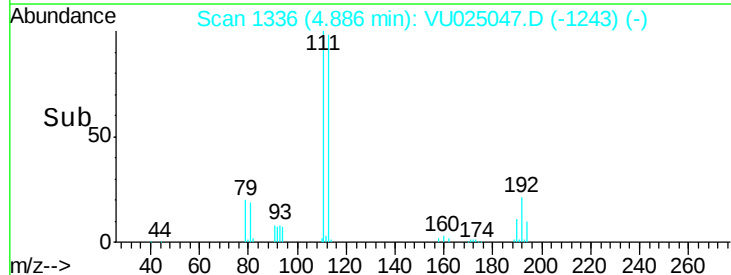
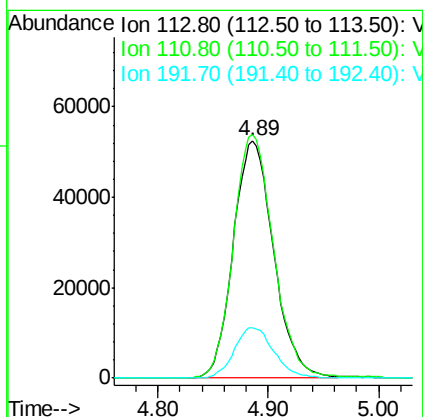
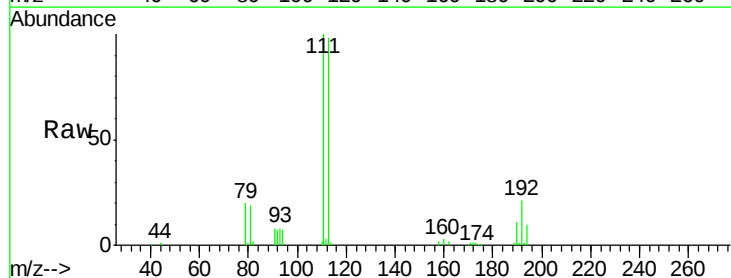
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0481-180621ME

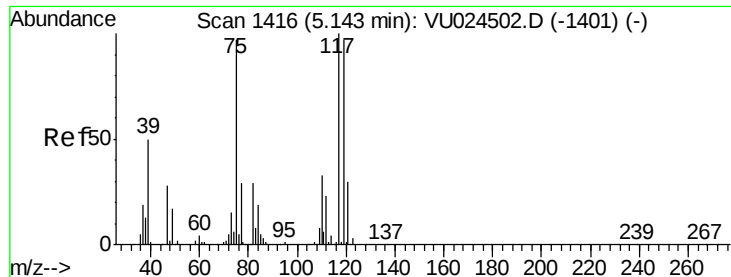
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	45.4
88	15.5	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 45.588 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	21.0	16.2	24.4





#36

1,1-Dichloropropene

Concen: 4.016 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.16 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

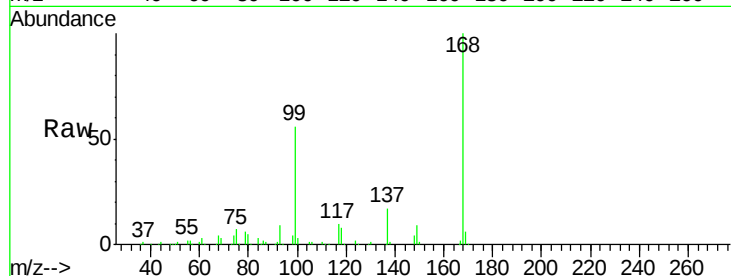
Tgt Ion: 75 Resp: 16556

Ion Ratio Lower Upper

75 100

110 10.3 17.0 50.9#

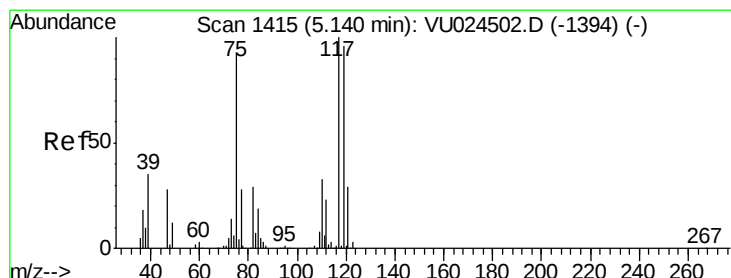
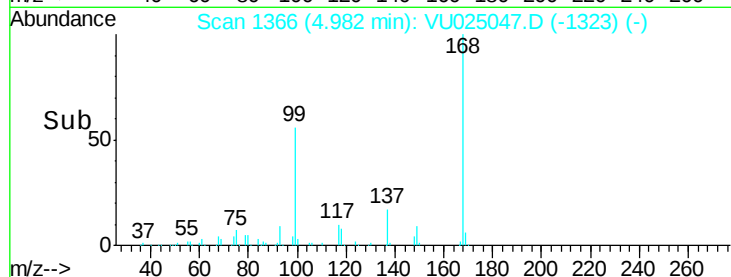
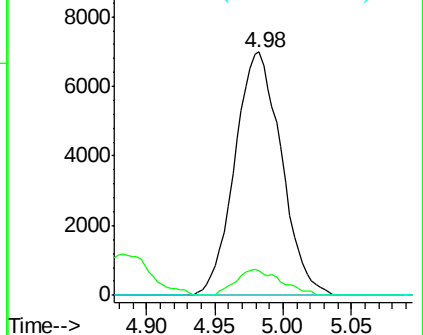
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU025047.D (-1366) (-)

Ion 109.90 (109.60 to 110.60): VU025047.D (-1366) (-)

Ion 76.90 (76.60 to 77.60): VU025047.D (-1366) (-)



#38

Carbon Tetrachloride

Concen: 4.933 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.16 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

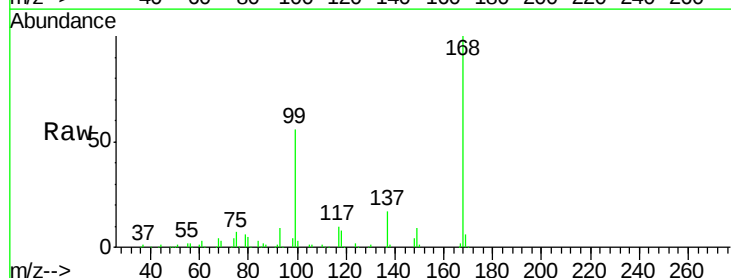
Tgt Ion: 117 Resp: 22364

Ion Ratio Lower Upper

117 100

119 4.7 76.1 114.1#

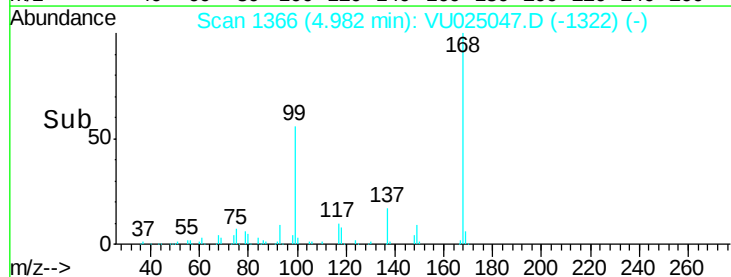
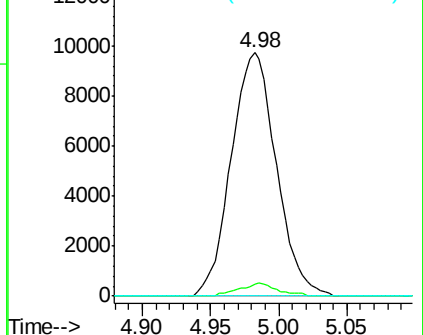
121 0.0 23.7 35.5#

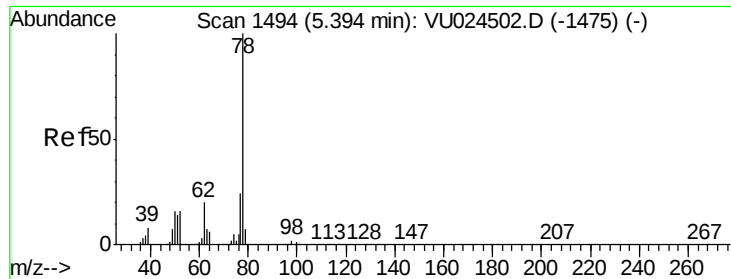


Abundance Ion 116.80 (116.50 to 117.50): VU025047.D (-1366) (-)

Ion 118.80 (118.50 to 119.50): VU025047.D (-1366) (-)

Ion 120.80 (120.50 to 121.50): VU025047.D (-1366) (-)





#40

Benzene

Concen: 0.333 ug/l

RT: 5.38 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

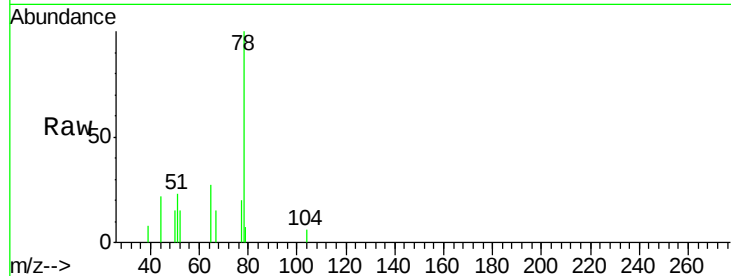
DUP-0481-180621ME

Tgt Ion: 78 Resp: 3915

Ion Ratio Lower Upper

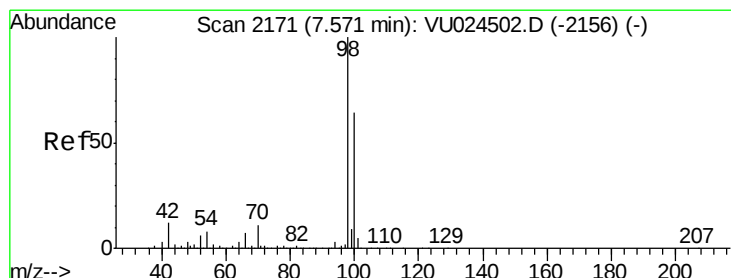
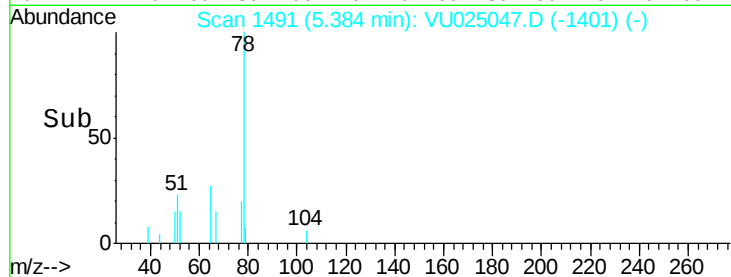
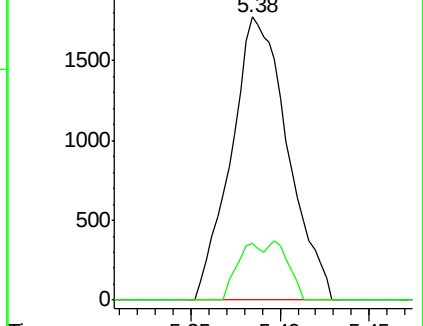
78 100

77 20.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 47.890 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025047.D

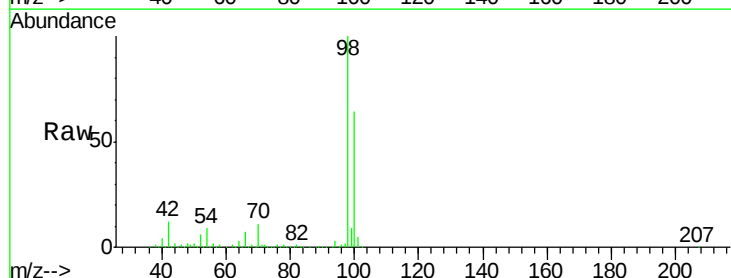
Acq: 29 Jun 2018 02:47

Tgt Ion: 98 Resp: 508587

Ion Ratio Lower Upper

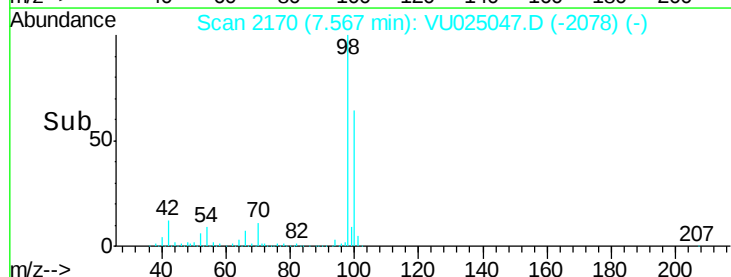
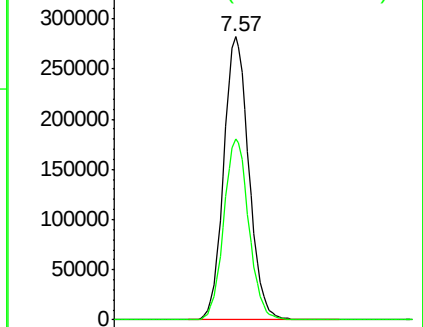
98 100

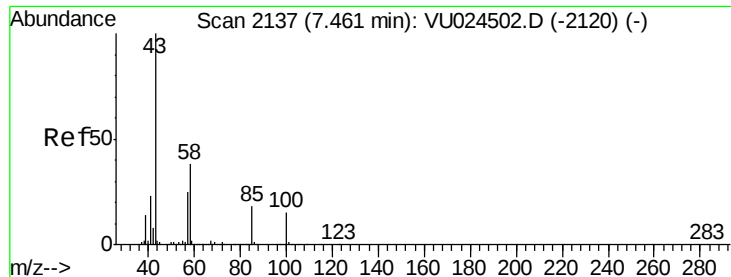
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.498 ug/l

RT: 7.56 min Scan# 2169

Delta R.T. 0.10 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

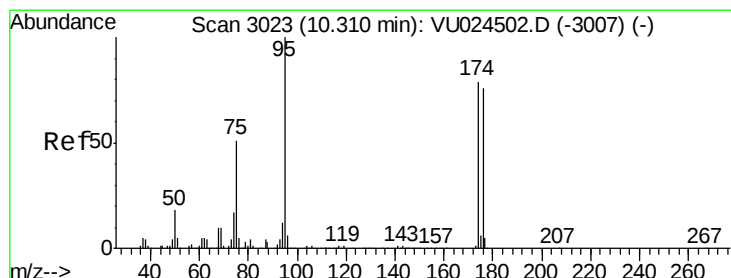
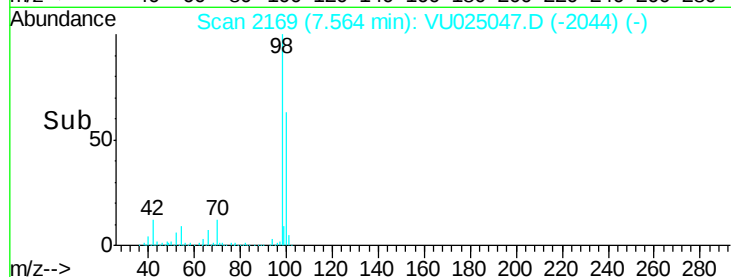
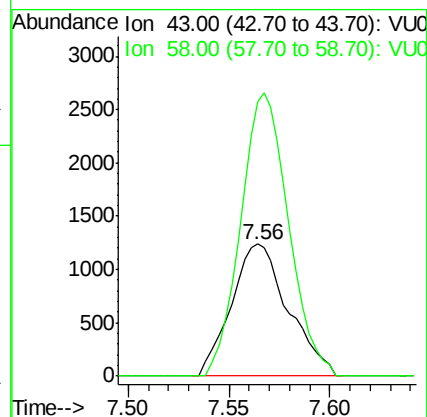
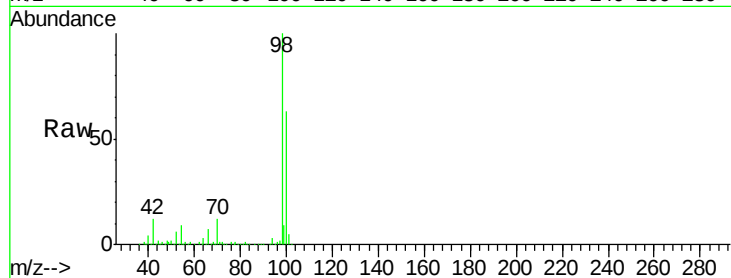
DUP-0481-180621ME

Tgt Ion: 43 Resp: 2430

Ion Ratio Lower Upper

43 100

58 181.1 30.0 45.0#



#62

4-Bromofluorobenzene

Concen: 49.520 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

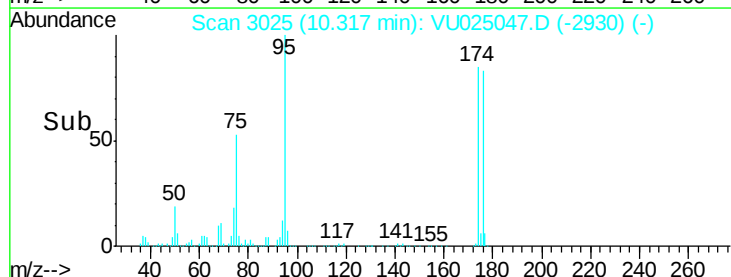
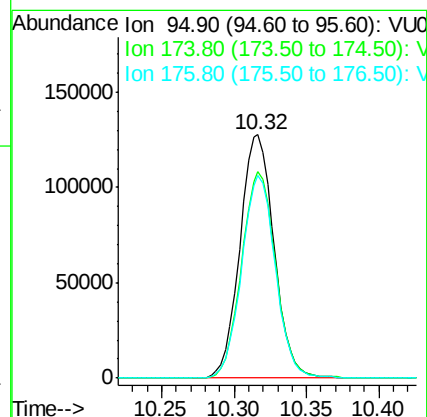
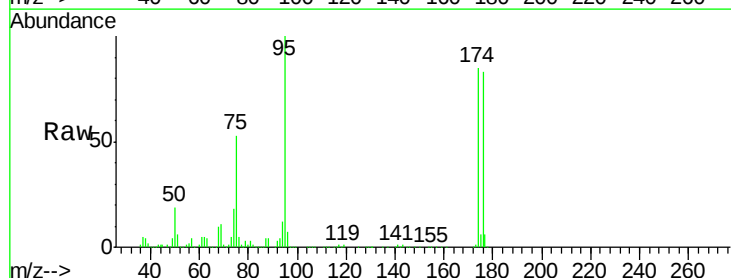
Tgt Ion: 95 Resp: 208801

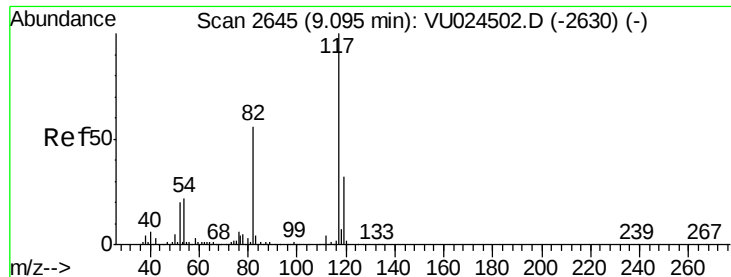
Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 82.4 0.0 159.4

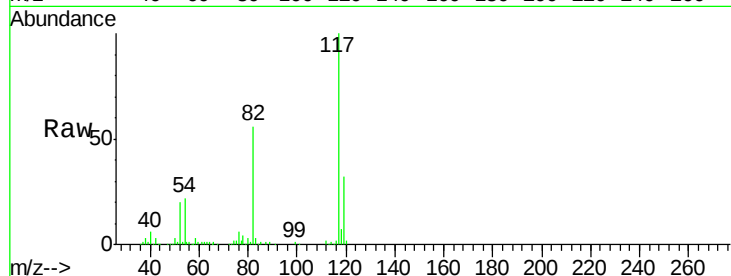




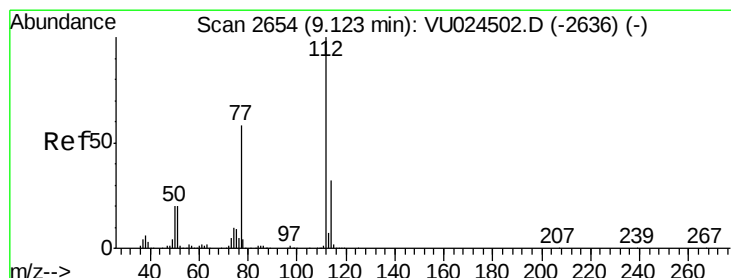
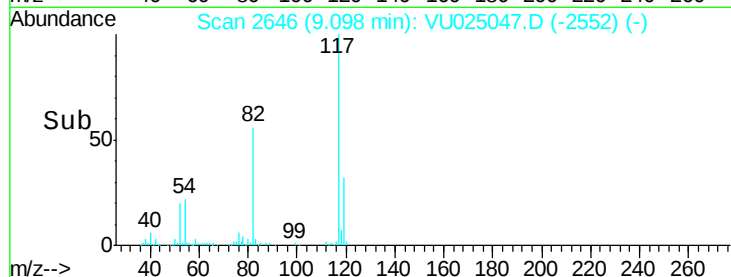
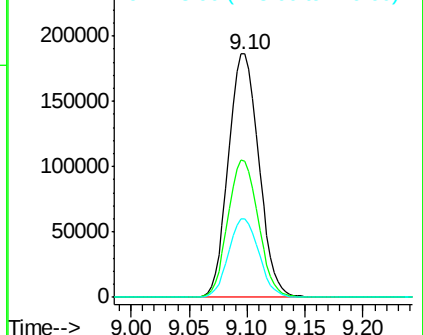
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

Instrument :
MSVOA_U
ClientSampleId :
DUP-0481-180621ME

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.3	25.4	38.2

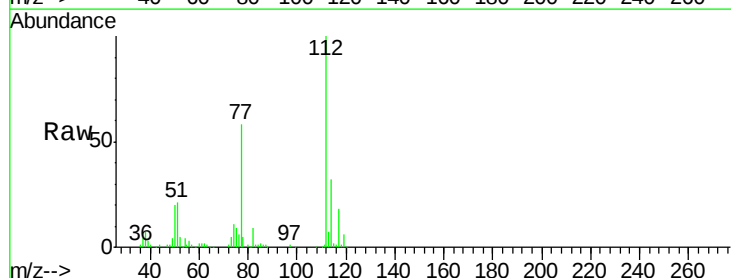


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

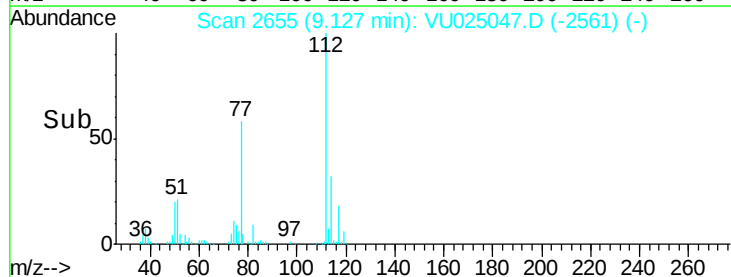
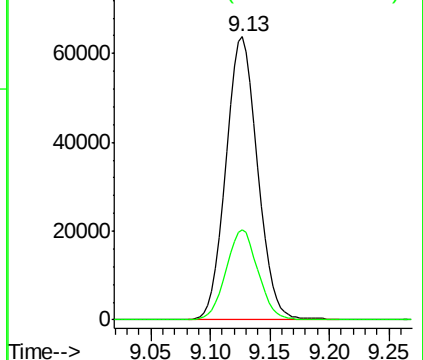


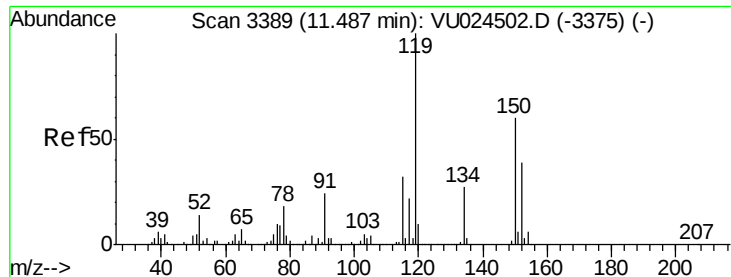
#65
Chlorobenzene
Concen: 13.579 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

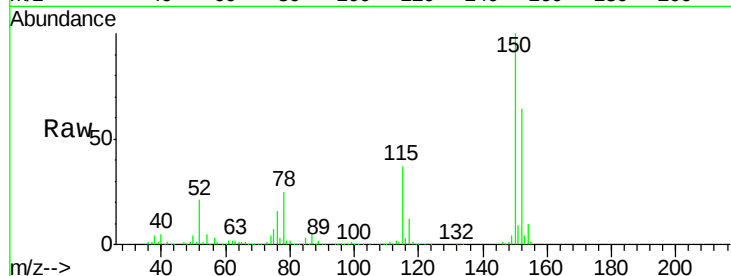
Tgt Ion:152 Resp: 193709

Ion Ratio Lower Upper

152 100

115 57.8 43.0 129.0

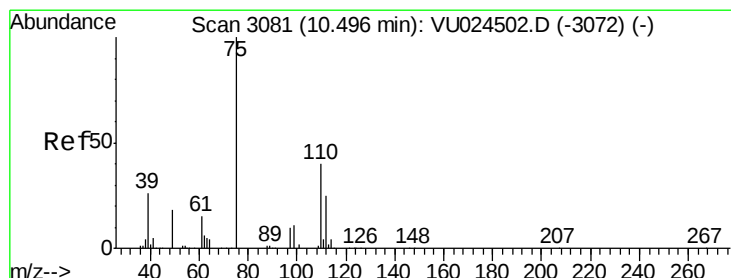
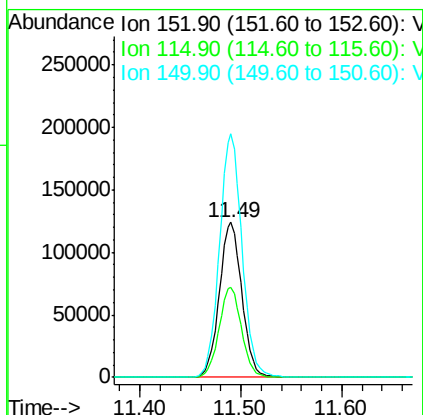
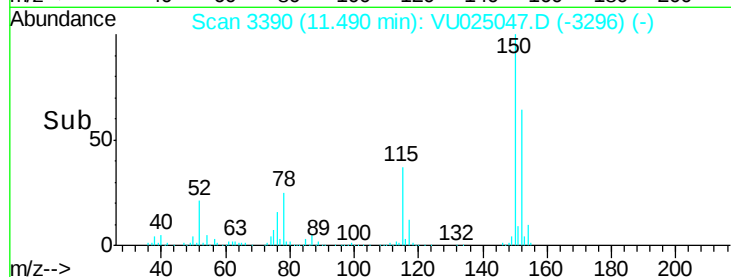
150 156.9 0.0 354.0



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: 25.313 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU025047.D

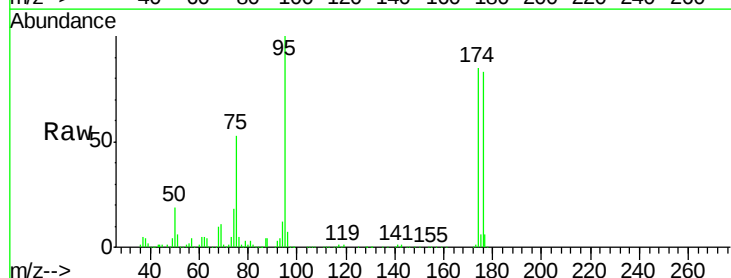
Acq: 29 Jun 2018 02:47

Tgt Ion: 75 Resp: 107955

Ion Ratio Lower Upper

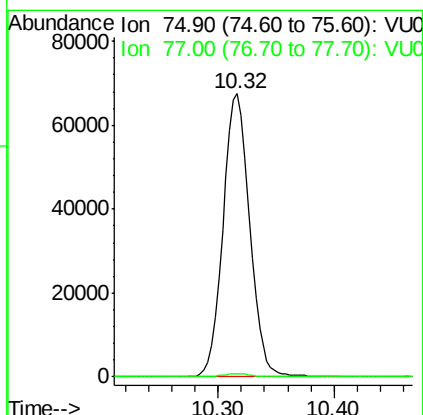
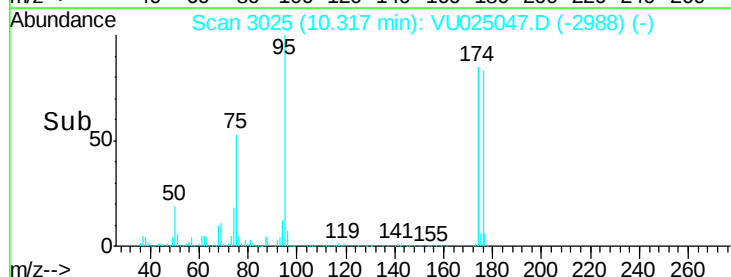
75 100

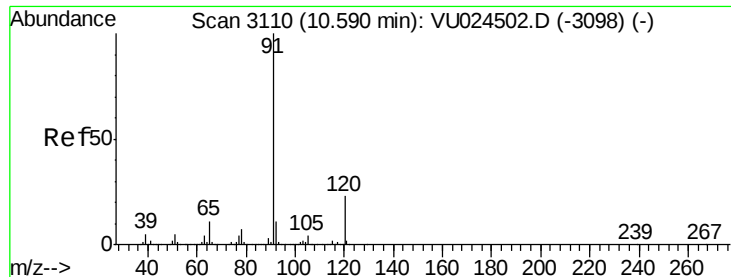
77 1.1 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.232 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

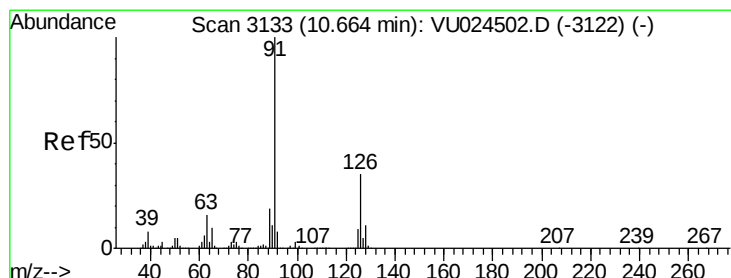
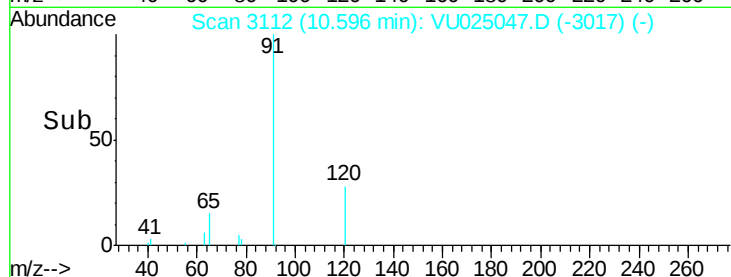
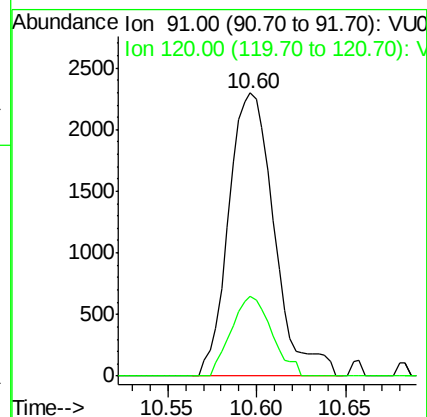
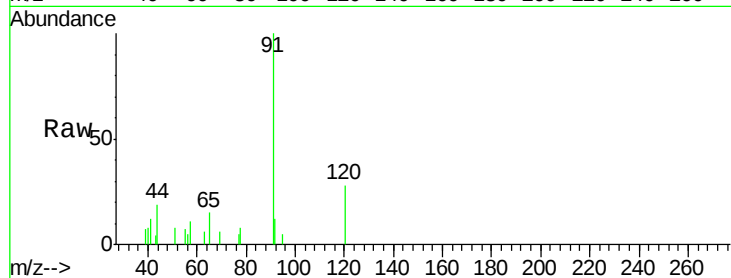
DUP-0481-180621ME

Tgt Ion: 91 Resp: 4070

Ion Ratio Lower Upper

91 100

120 25.1 11.2 33.5



#79

2-Chlorotoluene

Concen: 0.394 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. -0.07 min

Lab File: VU025047.D

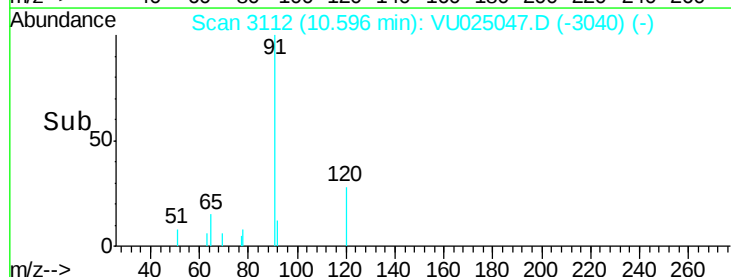
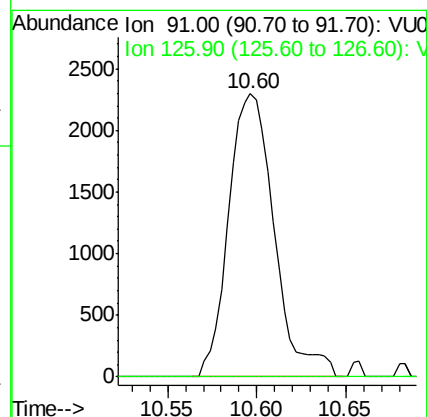
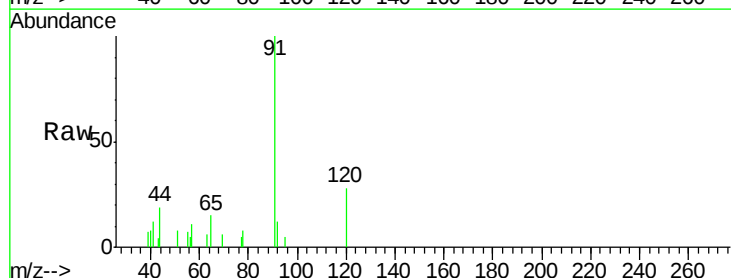
Acq: 29 Jun 2018 02:47

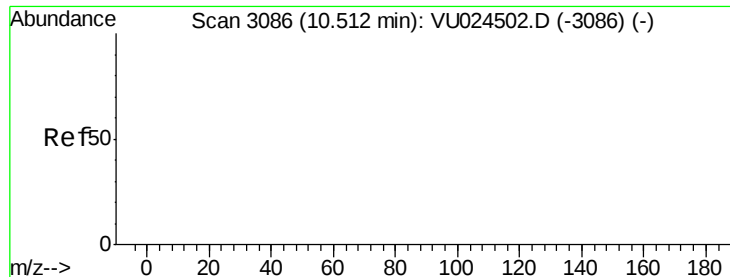
Tgt Ion: 91 Resp: 4070

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 58.585 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.20 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

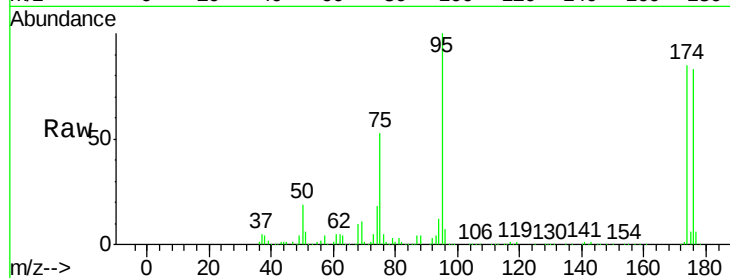
Tgt Ion: 75 Resp: 107955

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

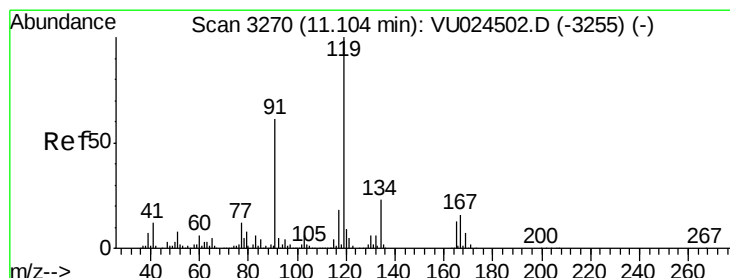
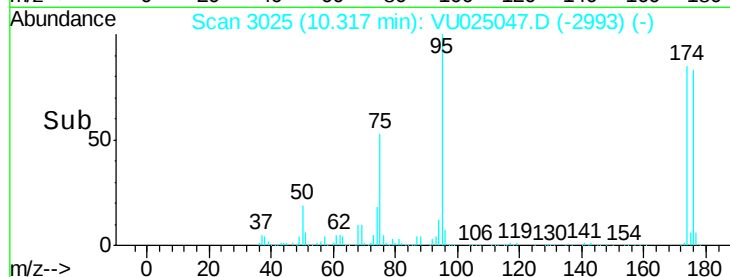
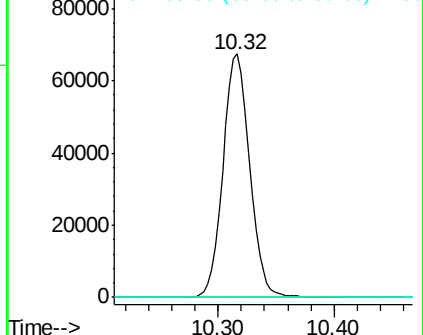
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU024502.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU024502.D (-3086) (-)



#83

tert-Butylbenzene

Concen: 0.205 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

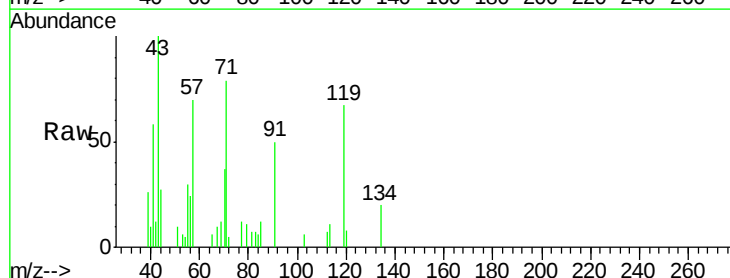
Tgt Ion: 119 Resp: 2548

Ion Ratio Lower Upper

119 100

91 81.3 29.7 89.1

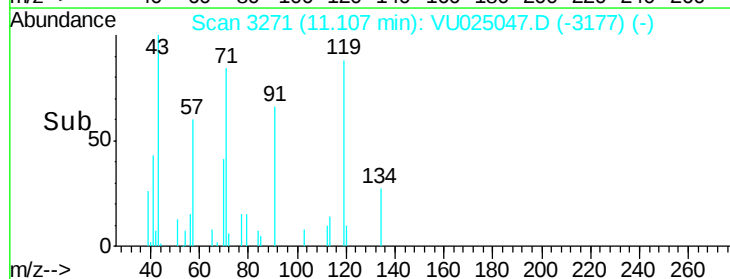
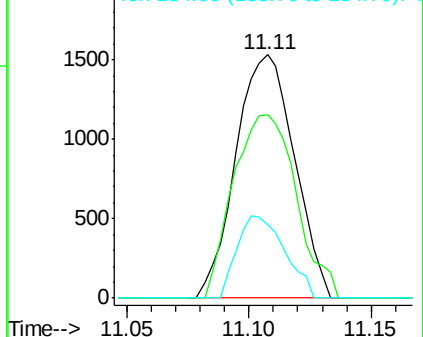
134 27.4 11.6 34.7

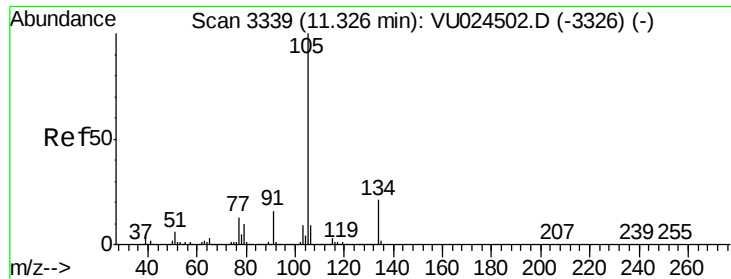


Abundance Ion 119.00 (118.70 to 119.70): VU024502.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3255) (-)

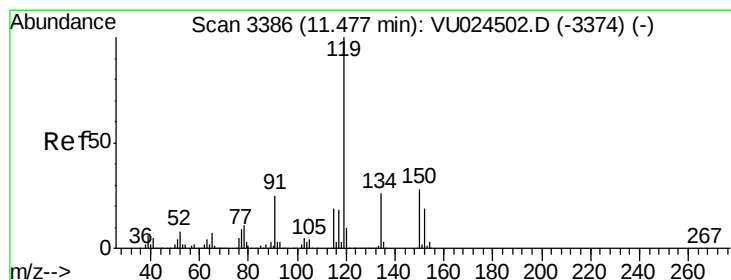
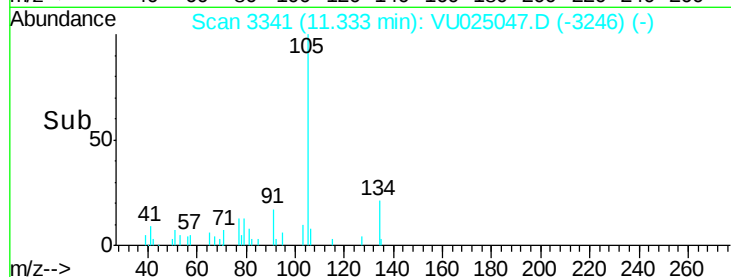
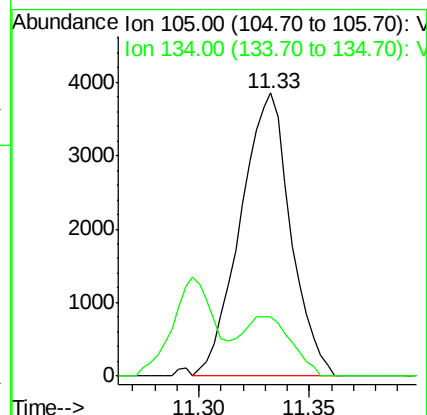
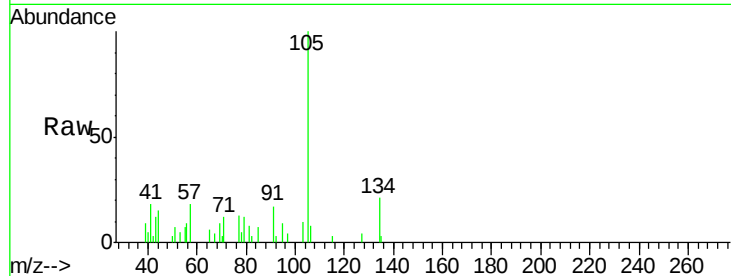




#85
 sec-Butylbenzene
 Concen: 0.393 ug/l
 RT: 11.33 min Scan# 3341
 Delta R.T. 0.01 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

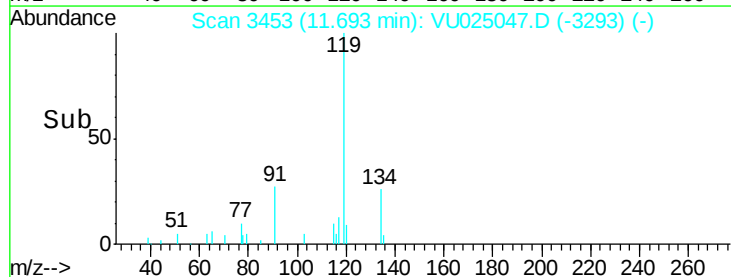
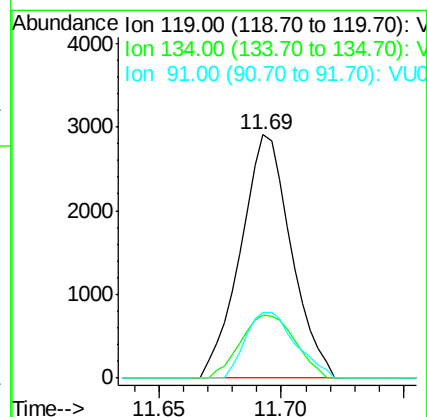
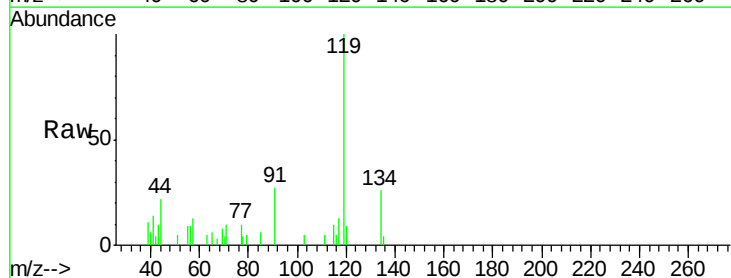
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0481-180621ME

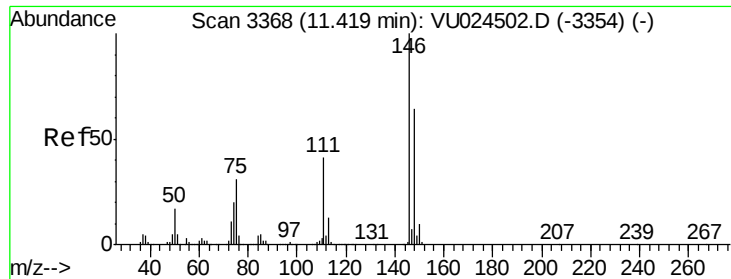
Tgt Ion:105 Resp: 6101
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.300 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

Tgt Ion:119 Resp: 4174
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.9 38.6
 91 26.6 12.0 36.1

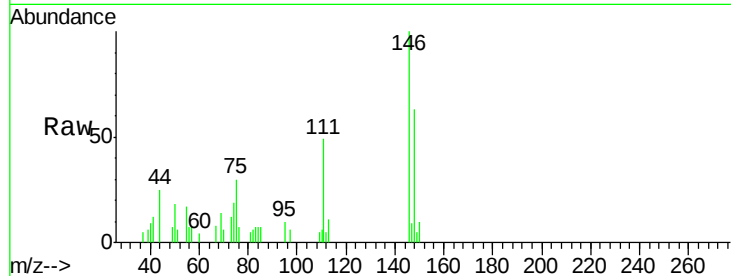




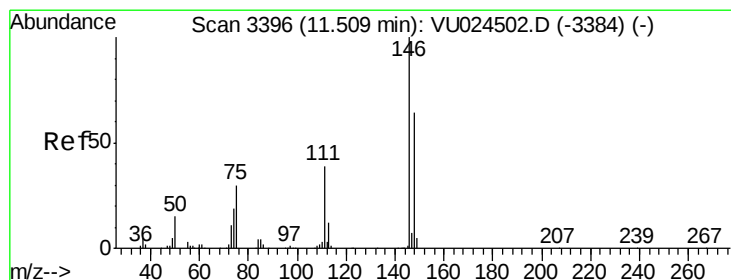
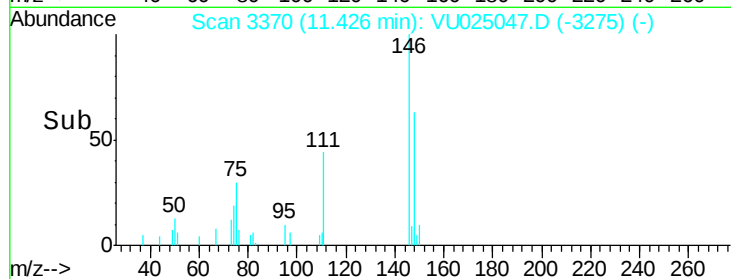
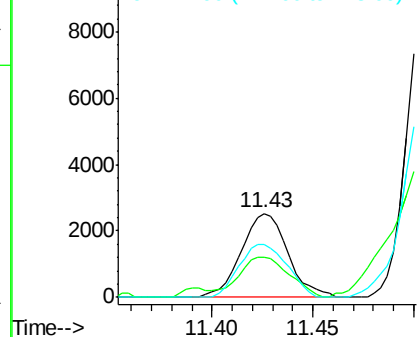
#87
 1,3-Dichlorobenzene
 Concen: 0.589 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0481-180621ME

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.0	20.0	60.0
148	65.5	32.1	96.5

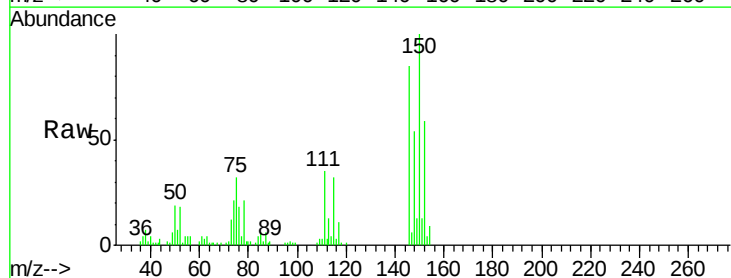


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

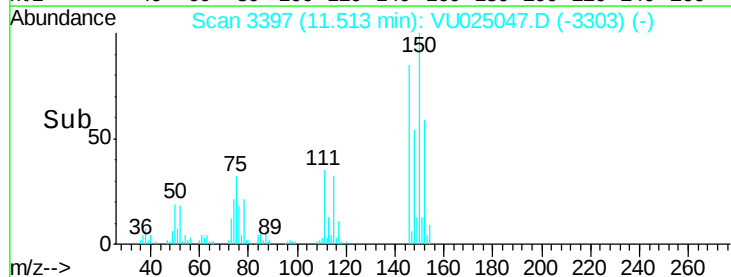
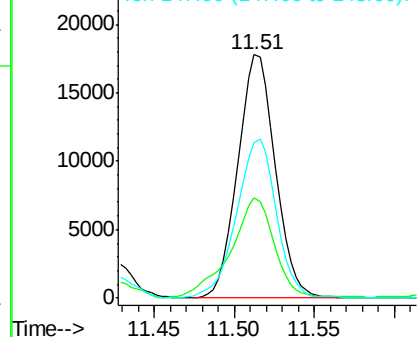


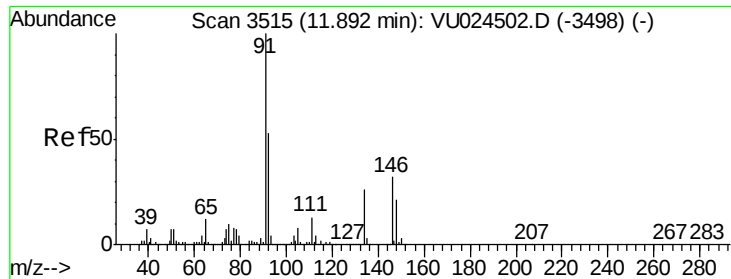
#88
 1,4-Dichlorobenzene
 Concen: 4.055 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.6	19.5	58.5
148	69.4	32.4	97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.398 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

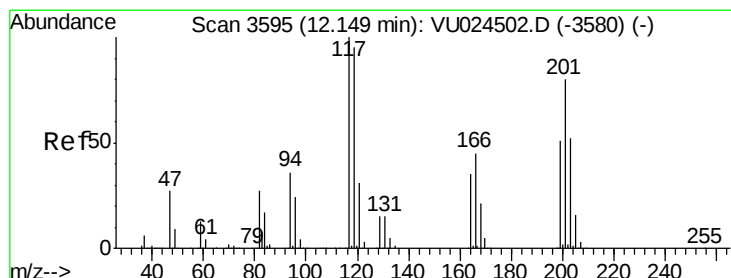
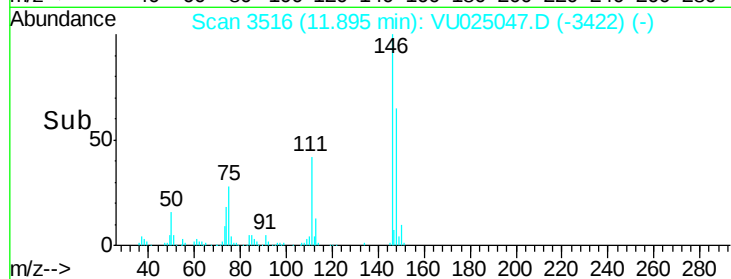
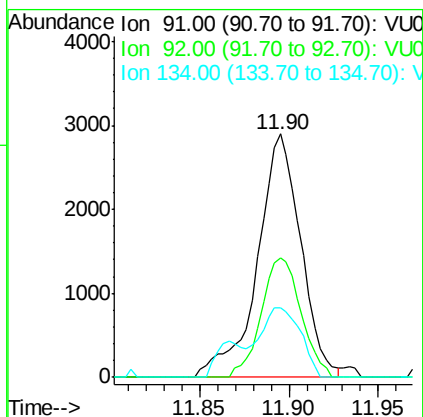
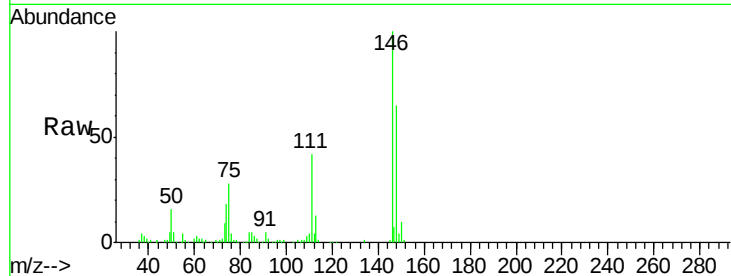
Tgt Ion: 91 Resp: 4915

Ion Ratio Lower Upper

91 100

92 45.0 25.6 76.8

134 26.4 12.3 36.8



#90

Hexachloroethane

Concen: 0.846 ug/l

RT: 12.36 min Scan# 3661

Delta R.T. 0.21 min

Lab File: VU025047.D

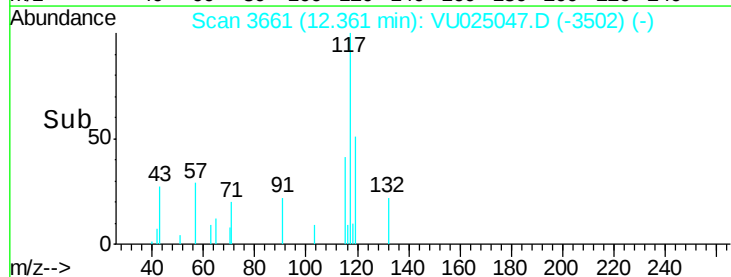
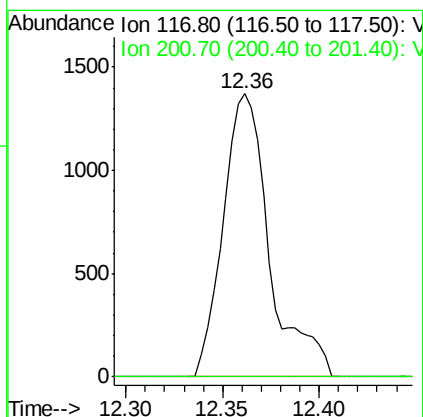
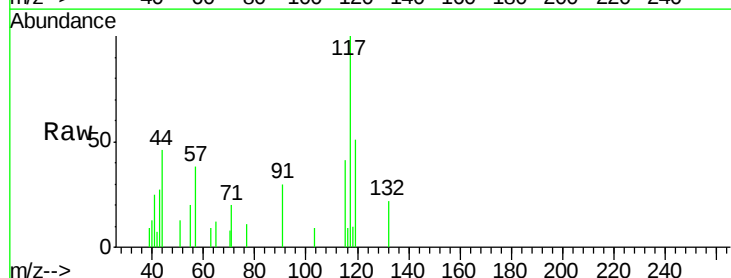
Acq: 29 Jun 2018 02:47

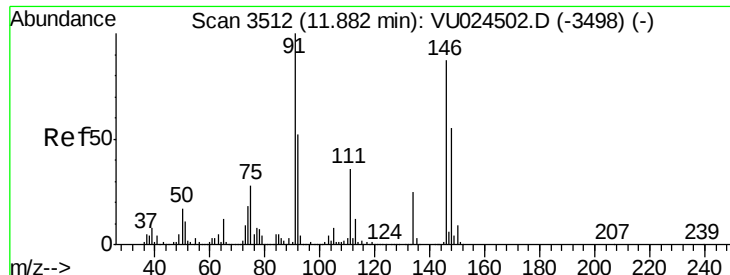
Tgt Ion: 117 Resp: 2295

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#

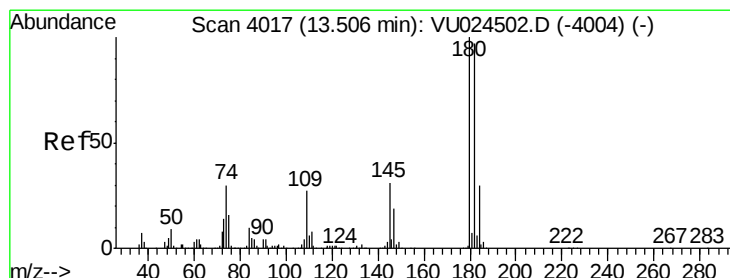
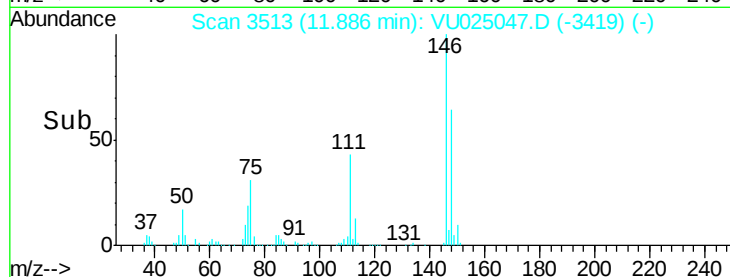
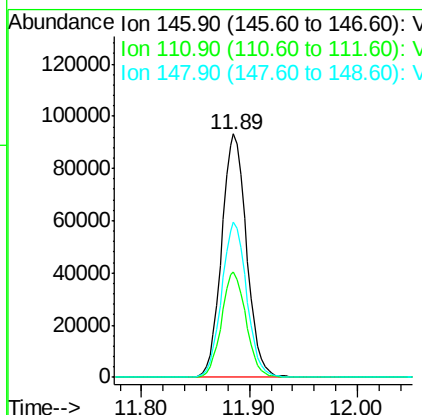
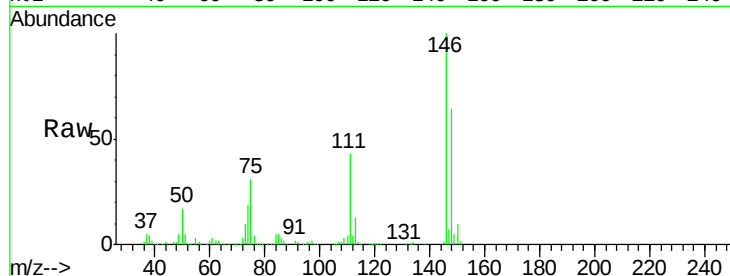




#91
 1,2-Dichlorobenzene
 Concen: 21.504 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

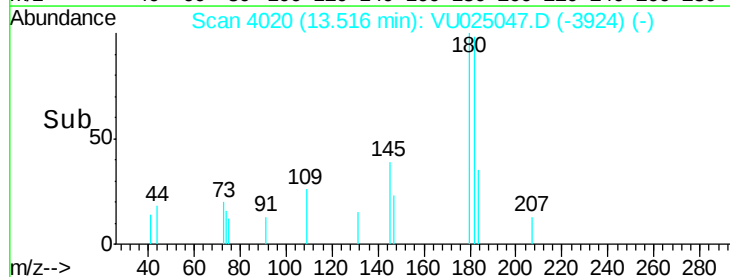
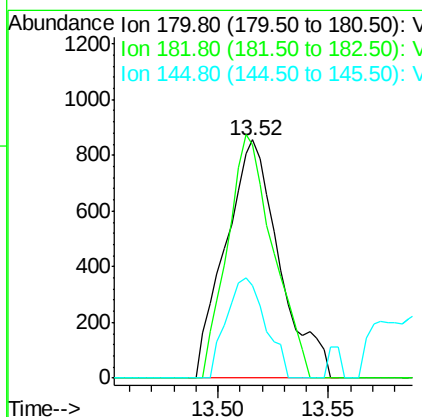
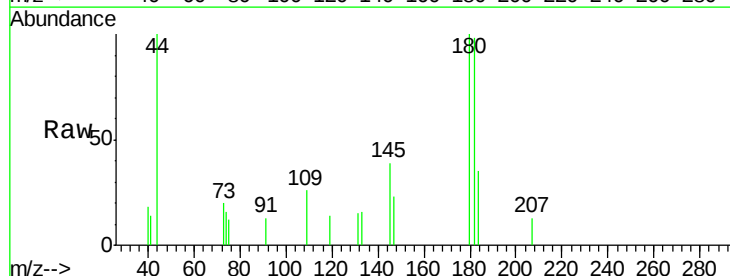
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0481-180621ME

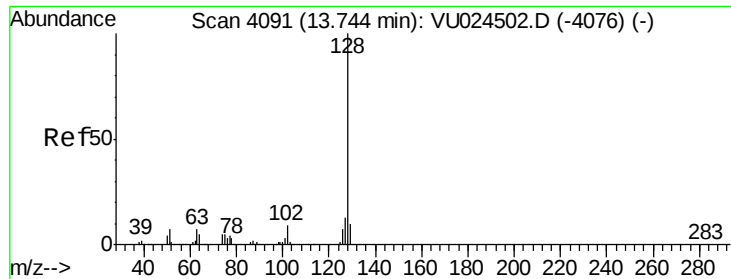
Tgt Ion:146 Resp: 149823
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.5 61.6
 148 64.0 31.9 95.7



#93
 1,2,4-Trichlorobenzene
 Concen: 0.337 ug/l
 RT: 13.52 min Scan# 4020
 Delta R.T. 0.01 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

Tgt Ion:180 Resp: 1452
 Ion Ratio Lower Upper
 180 100
 182 86.4 48.0 144.2
 145 30.6 14.7 44.1





#95

Naphthalene

Concen: 0.721 ug/l

RT: 13.76 min Scan# 4096

Delta R.T. 0.02 min

Lab File: VU025047.D

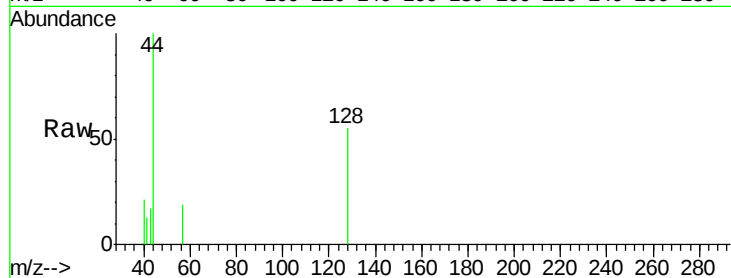
Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME



Tgt Ion:	128	Resp:	601
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

