

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024951.D
 Acq On : 27 Jun 2018 03:59
 Operator : MD/SY
 Sample : J3664-19ME 20X
 Misc : 4.59g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0485-180619ME

Quant Time: Jun 27 05:55:39 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	213938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	329739	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	319053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	201766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	166816	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	4.89	113	125167	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	7.57	98	479946	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	10.32	95	209830	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	969	0.354	ug/l	89
5) Bromomethane	1.61	94	904	0.663	ug/l	95
6) Chloroethane	1.66	64	58	Below Cal	#	1
8) Diethyl Ether	1.95	74	19	Below Cal	#	1
10) Methyl Iodide	2.38	142	46	5.307	ug/l #	40
11) Tert butyl alcohol	2.84	59	5349	6.297	ug/l #	72
16) Acetone	2.34	43	2258	1.203	ug/l	91
18) Methyl Acetate	2.62	43	5985	1.488	ug/l	97
20) Methylene Chloride	2.69	84	1318	0.448	ug/l	90
31) Cyclohexane	4.98	56	4805	Below Cal	#	18
36) 1,1-Dichloropropene	4.98	75	16299	4.207	ug/l #	51
38) Carbon Tetrachloride	4.99	117	20388	4.785	ug/l #	17
39) Methylcyclohexane	6.41	83	7432	1.537	ug/l #	88
44) Trichloroethene	6.19	130	1019	0.324	ug/l	99
53) t-1,3-Dichloropropene	7.81	75	931	0.201	ug/l #	44
55) 1,1,2-Trichloroethane	8.05	97	3673	1.272	ug/l #	18
59) 2-Hexanone	8.33	43	11417	3.049	ug/l #	28
65) Chlorobenzene	9.13	112	30092	3.692	ug/l	94
73) Isopropylbenzene	10.17	105	3746	0.242	ug/l	100
74) N-amyl acetate	10.05	43	73427	9.965	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.49	83	63108	12.157	ug/l #	33
76) 1,2,3-Trichloropropane	10.32	75	100163	22.548	ug/l #	34
78) n-propylbenzene	10.59	91	3927	0.215	ug/l	99
79) 2-Chlorotoluene	10.71	91	4842	0.450	ug/l	91
81) trans-1,4-Dichloro-2-buten	10.32	75	100163	52.186	ug/l #	100
82) 4-Chlorotoluene	10.71	91	4917	0.393	ug/l	85
83) tert-Butylbenzene	11.11	119	13622	1.055	ug/l	79
84) 1,2,4-Trimethylbenzene	10.98	105	6141	0.449	ug/l	76
85) sec-Butylbenzene	11.33	105	179154	11.082	ug/l	99
86) p-Isopropyltoluene	11.70	119	92638	6.398	ug/l	90
88) 1,4-Dichlorobenzene	11.52	146	6354	0.871	ug/l #	1
89) n-Butylbenzene	11.90	91	227239	17.678	ug/l #	76
90) Hexachloroethane	12.26	117	111902	39.618	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	2772	0.382	ug/l #	1

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Response via : Initial Calibration

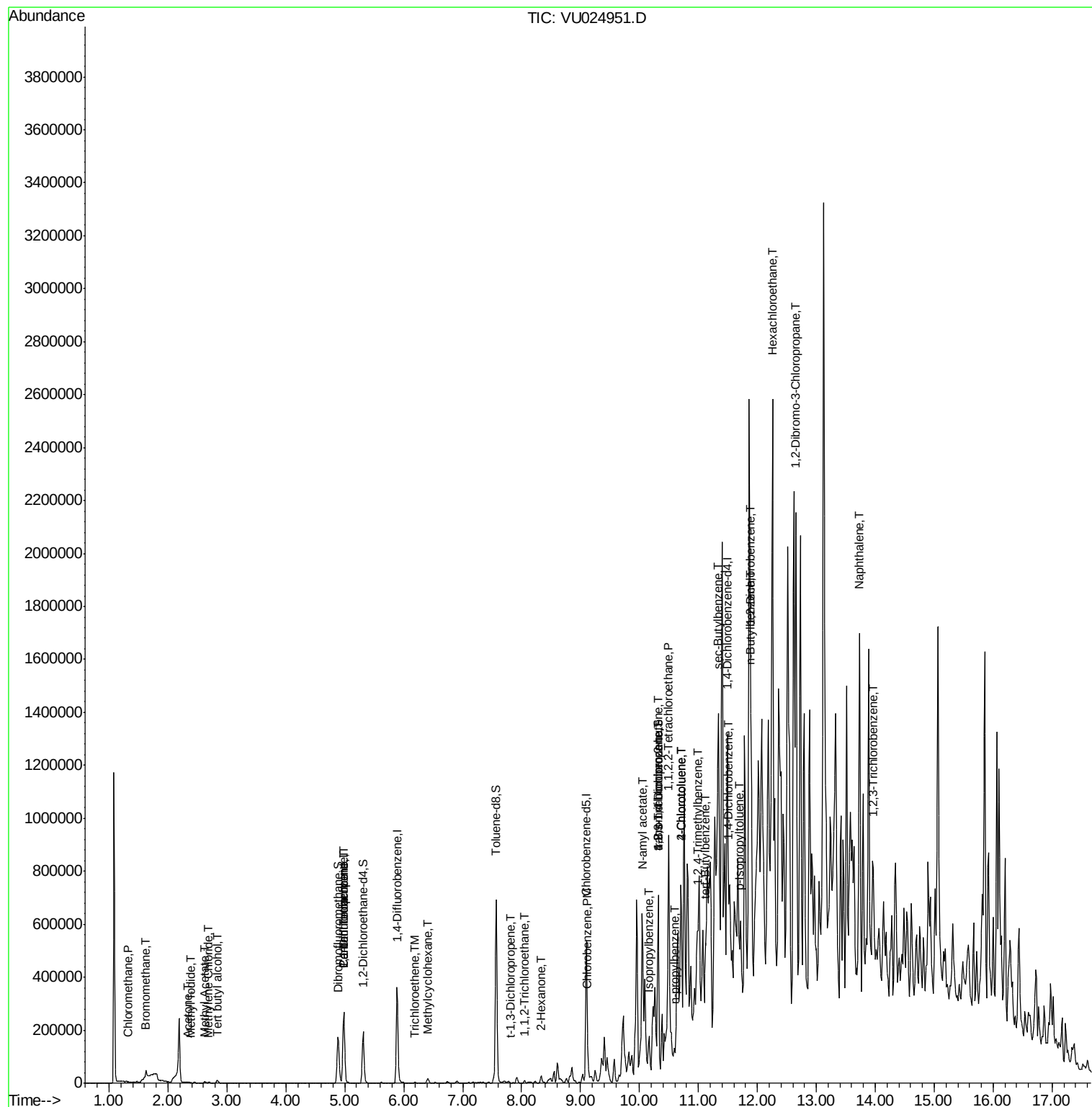
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.65	75	7850	5.481	ug/l #	3
95) Naphthalene	13.73	128	50651	4.047	ug/l #	1
96) 1,2,3-Trichlorobenzene	13.95	180	2722	0.610	ug/l #	1

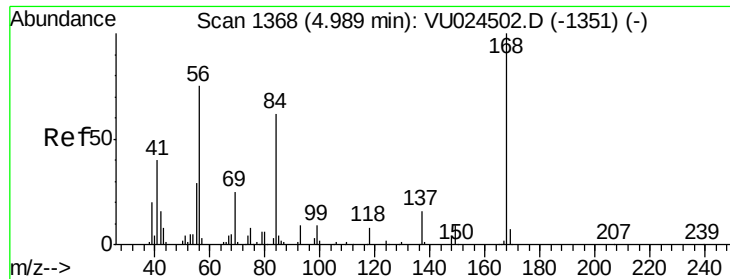
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

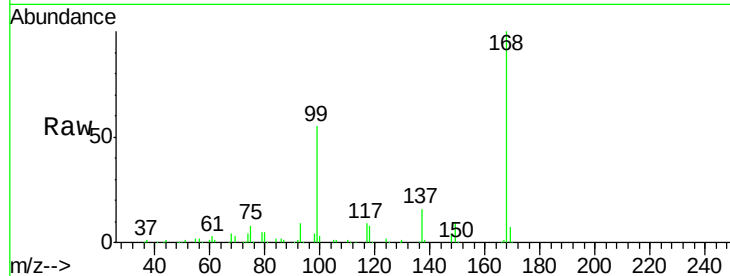
DUP-0485-180619ME

Tgt Ion:168 Resp: 213938

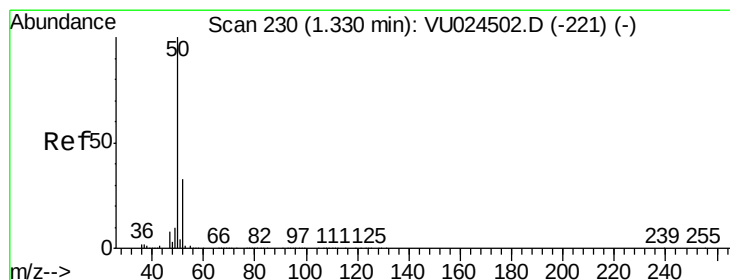
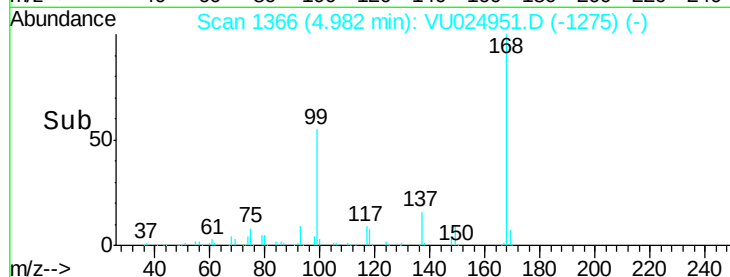
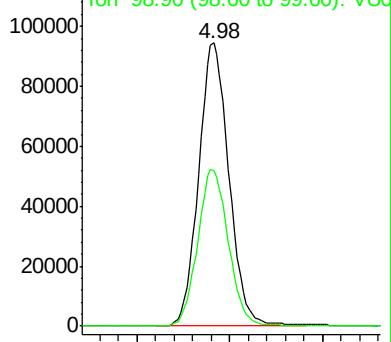
Ion Ratio Lower Upper

168 100

99 55.0 43.2 64.8



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



#3

Chloromethane

Concen: 0.354 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU024951.D

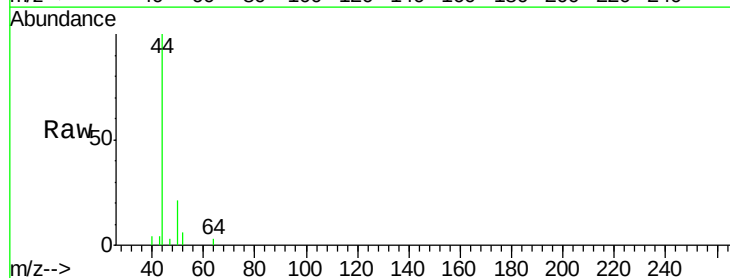
Acq: 27 Jun 2018 03:59

Tgt Ion: 50 Resp: 969

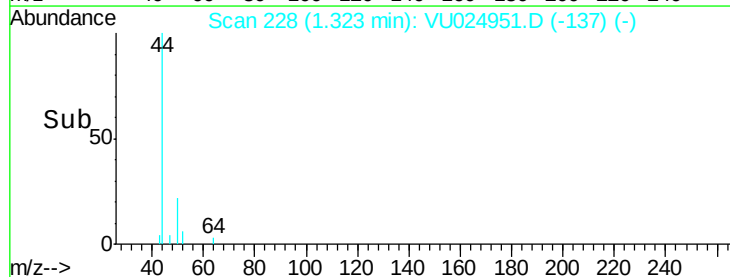
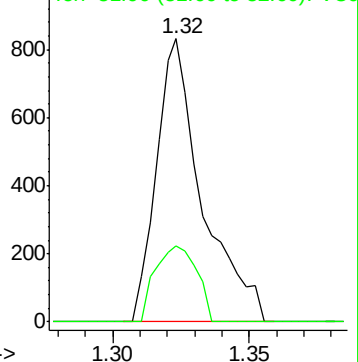
Ion Ratio Lower Upper

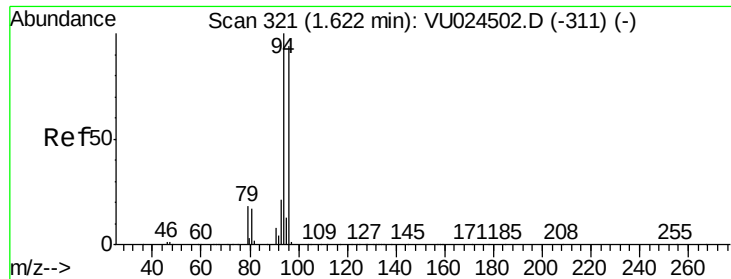
50 100

52 26.9 26.4 39.6



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





#5

Bromomethane

Concen: 0.663 ug/l

RT: 1.61 min Scan# 317

Delta R.T. -0.01 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

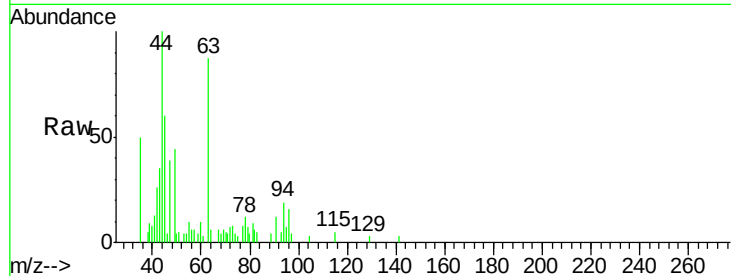
DUP-0485-180619ME

Tgt Ion: 94 Resp: 904

Ion Ratio Lower Upper

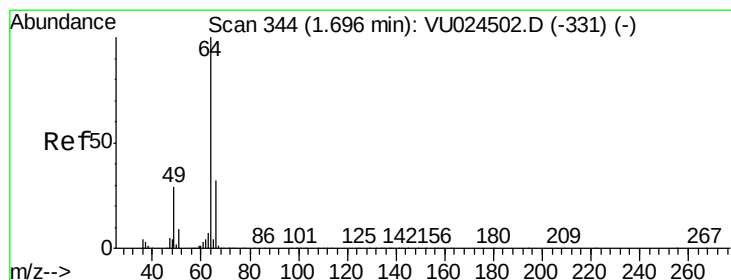
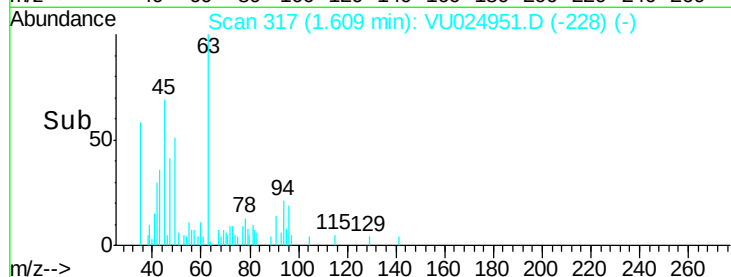
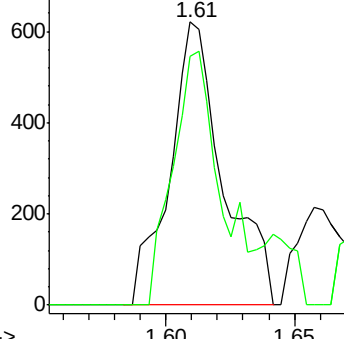
94 100

96 88.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 332

Delta R.T. -0.04 min

Lab File: VU024951.D

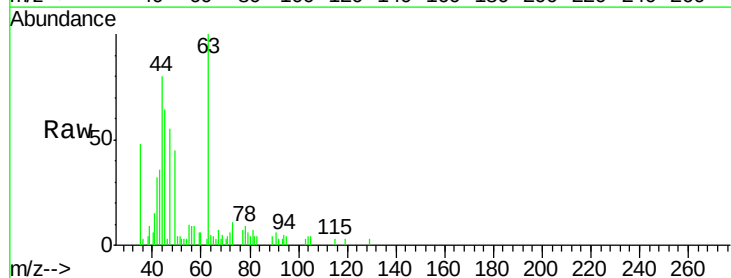
Acq: 27 Jun 2018 03:59

Tgt Ion: 64 Resp: 58

Ion Ratio Lower Upper

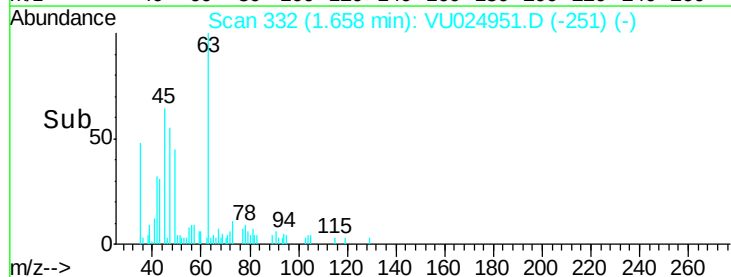
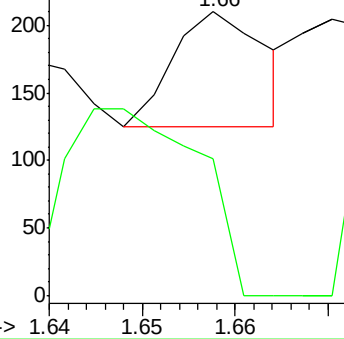
64 100

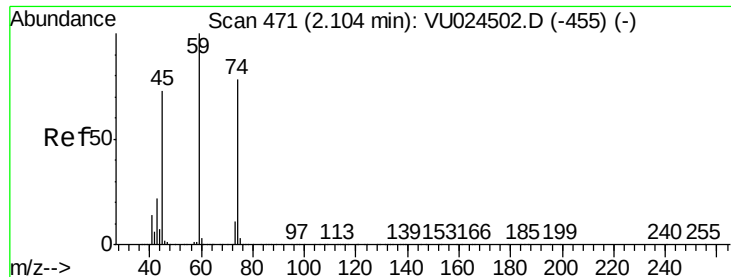
66 118.8 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#8

Diethyl Ether

Concen: Below Cal

RT: 1.95 min Scan# 423

Delta R.T. -0.15 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

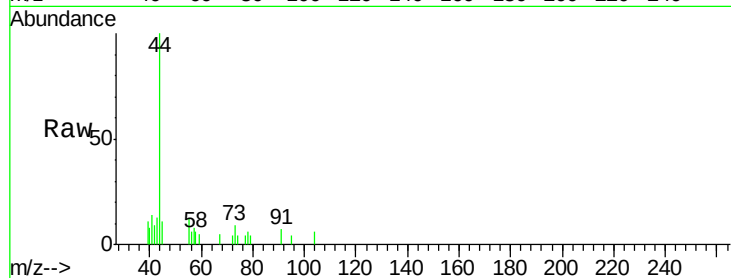
DUP-0485-180619ME

Tgt Ion: 74 Resp: 19

Ion Ratio Lower Upper

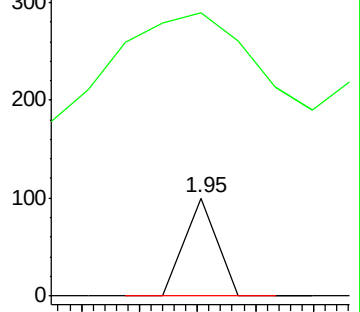
74 100

45 0.0 55.0 165.0#

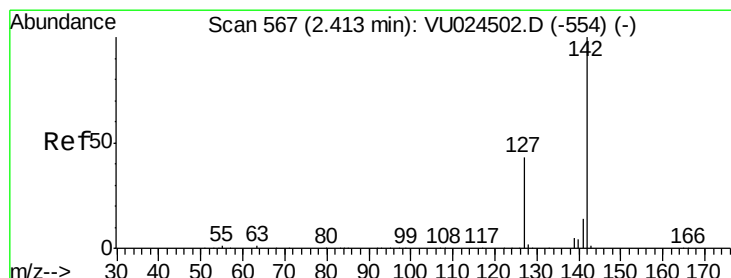
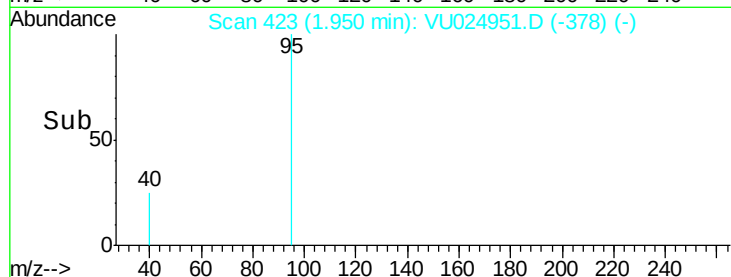


Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->



#10

Methyl Iodide

Concen: 5.307 ug/l

RT: 2.38 min Scan# 558

Delta R.T. -0.03 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

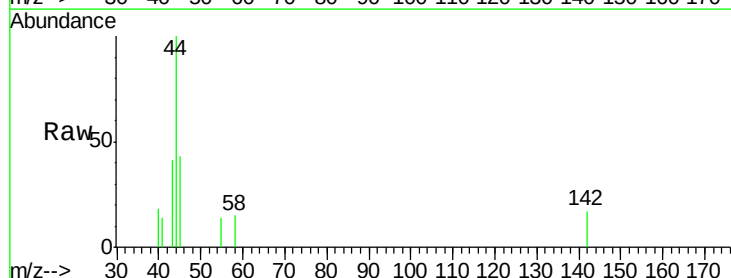
Tgt Ion: 142 Resp: 46

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

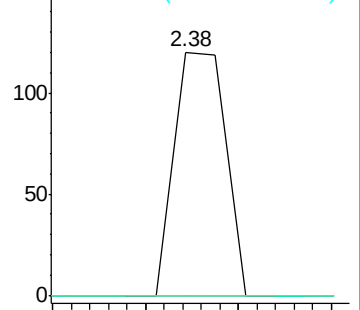
141 0.0 11.7 17.5#



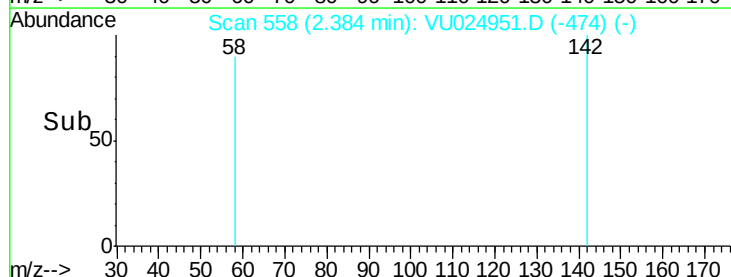
Abundance Ion 141.80 (141.50 to 142.50): V

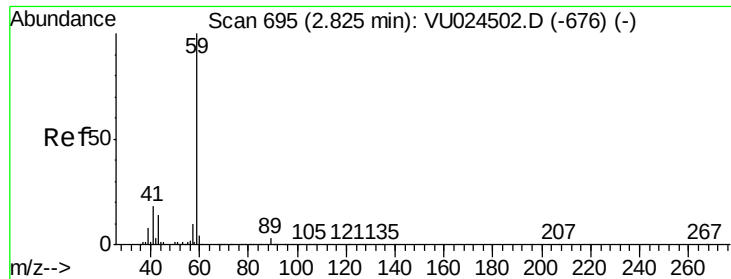
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

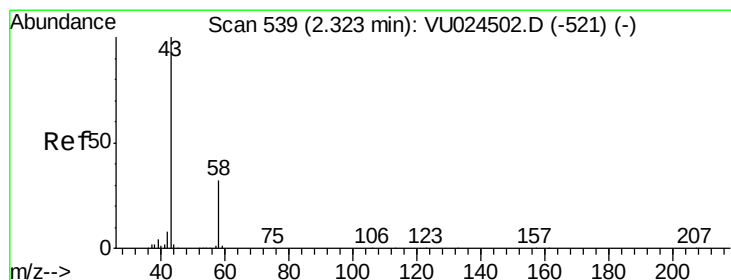
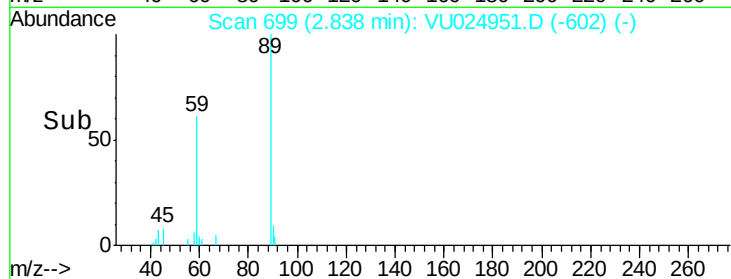
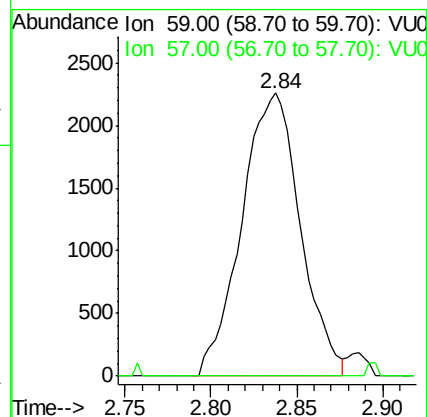
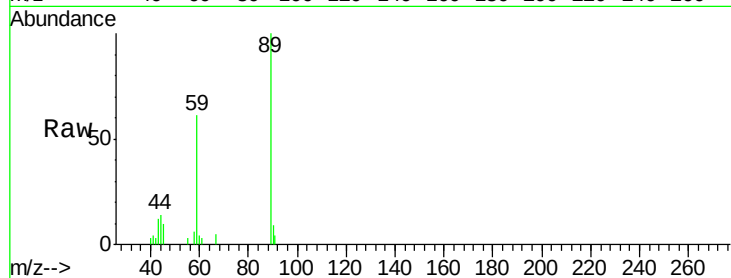




#11
Tert butyl alcohol
Concen: 6.297 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

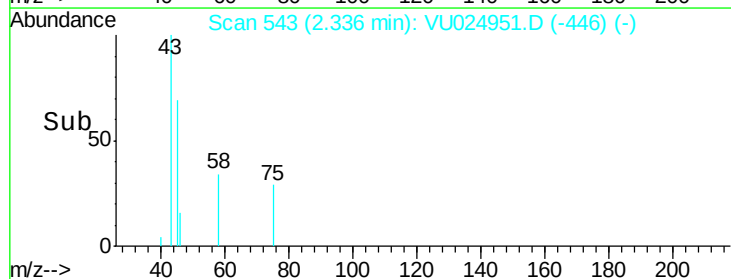
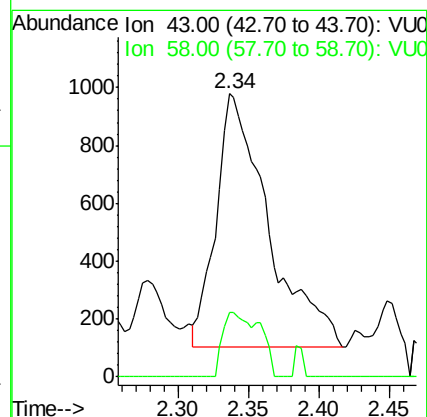
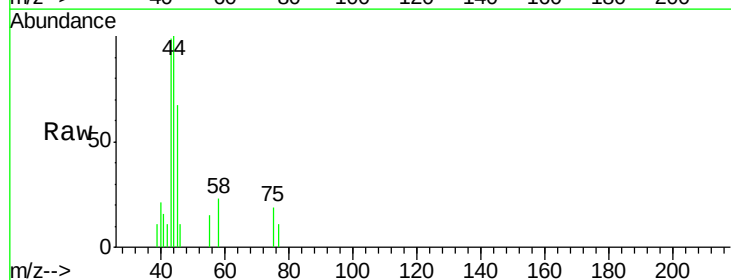
Instrument :
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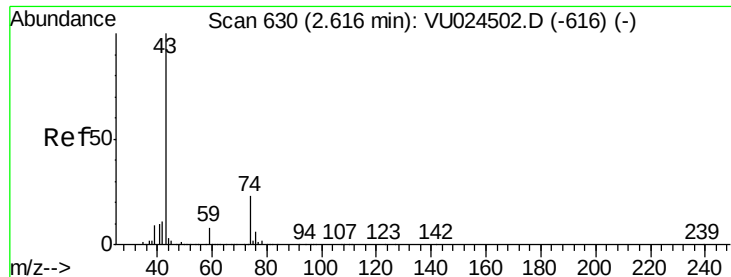
Tgt Ion: 59 Resp: 5349
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 1.203 ug/l
RT: 2.34 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
58 25.6 24.4 36.6

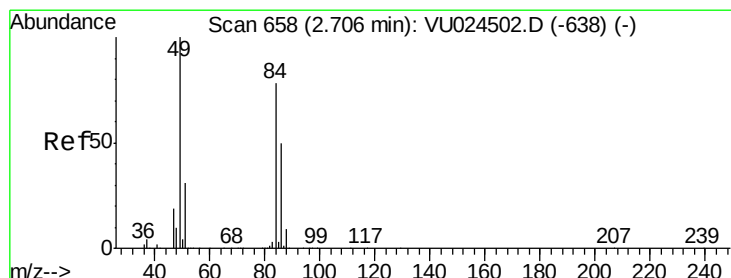
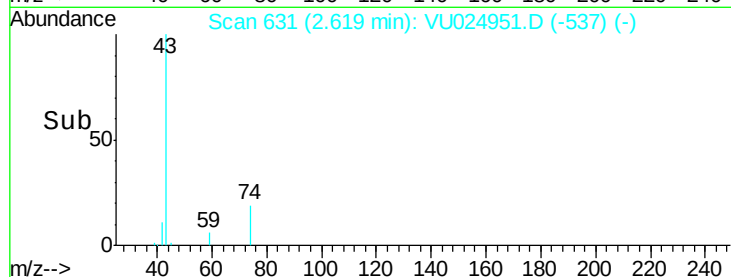
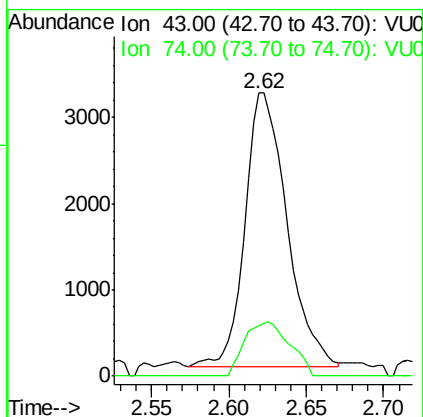
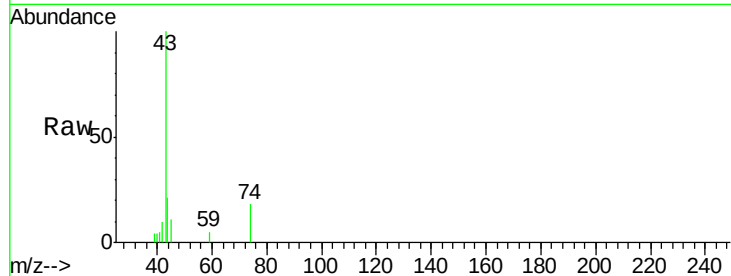




#18
Methyl Acetate
Concen: 1.488 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

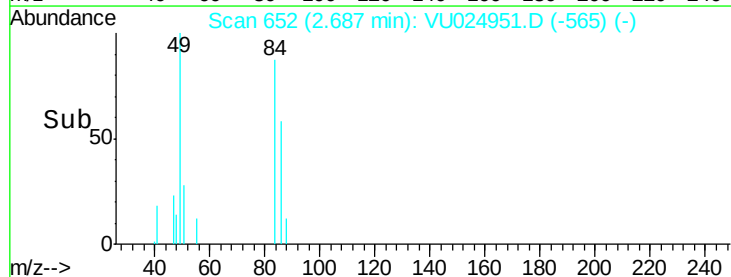
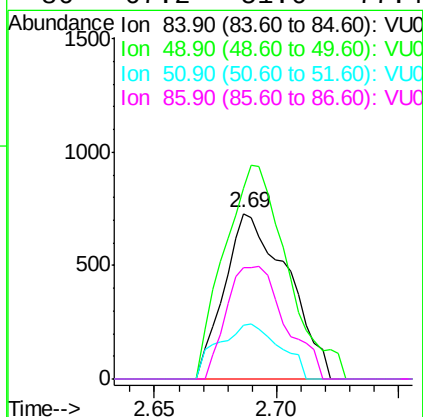
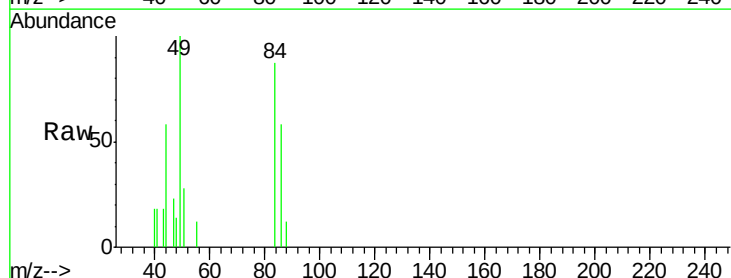
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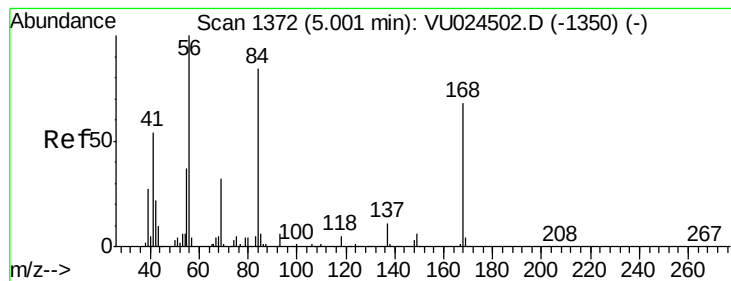
Tgt Ion: 43 Resp: 5985
Ion Ratio Lower Upper
43 100
74 21.2 18.0 27.0



#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 2.69 min Scan# 652
Delta R.T. -0.02 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

Tgt Ion: 84 Resp: 1318
Ion Ratio Lower Upper
84 100
49 115.5 103.8 155.8
51 32.8 32.0 48.0
86 67.2 51.6 77.4





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

DUP-0485-180619ME

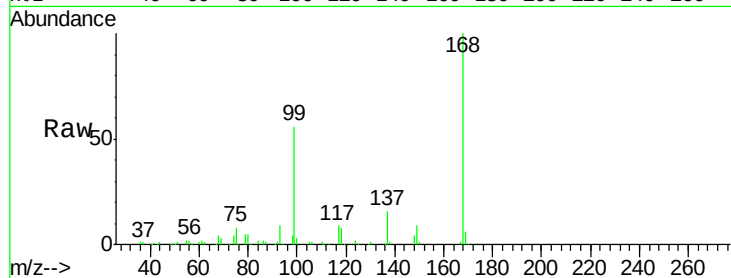
Tgt Ion: 56 Resp: 4805

Ion Ratio Lower Upper

56 100

69 155.3 24.8 37.2#

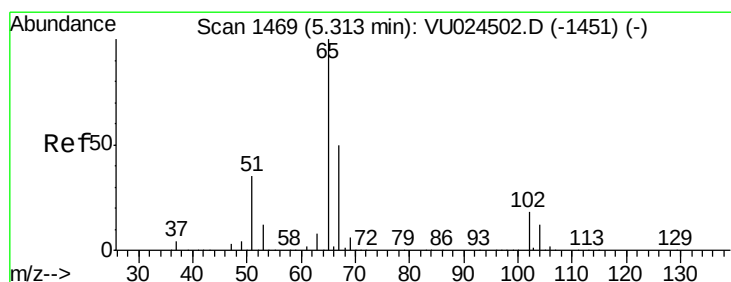
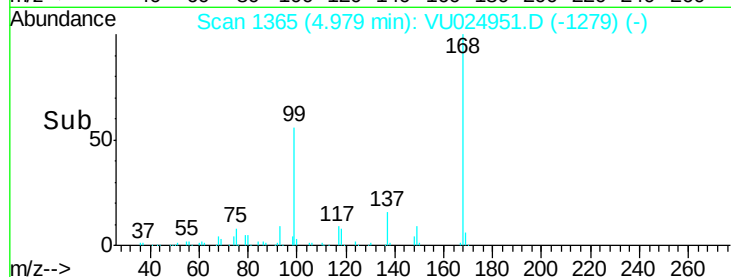
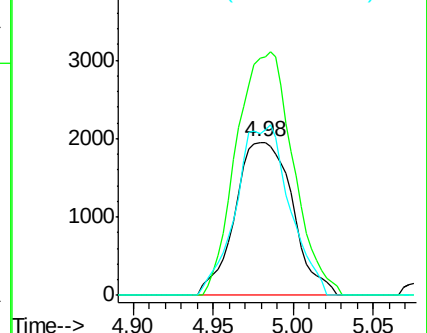
84 105.5 65.2 97.8#



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: 47.763 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024951.D

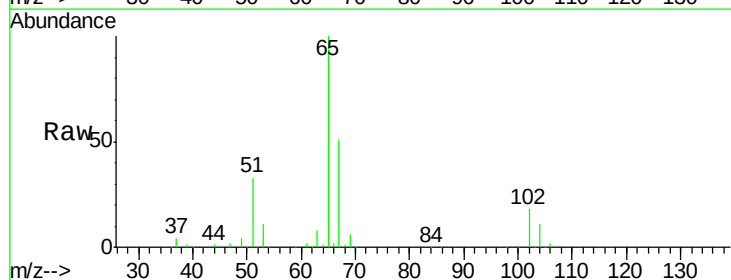
Acq: 27 Jun 2018 03:59

Tgt Ion: 65 Resp: 166816

Ion Ratio Lower Upper

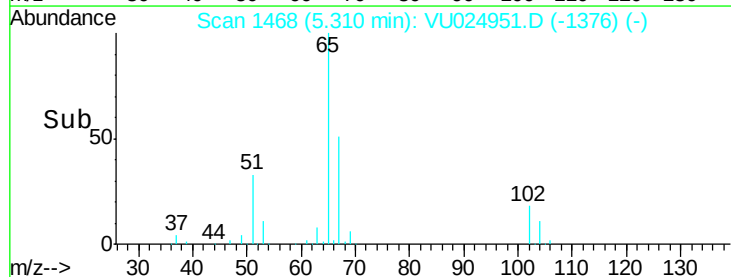
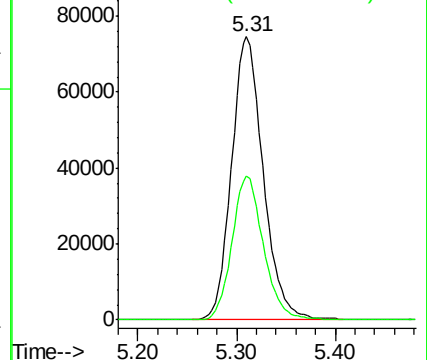
65 100

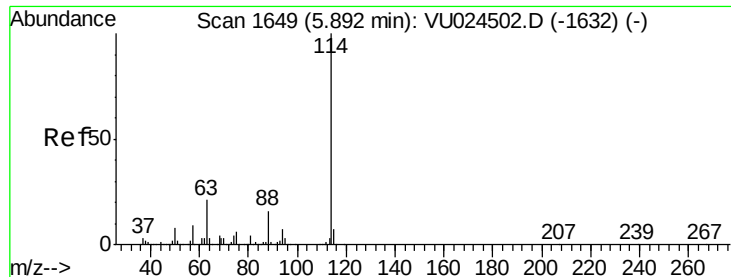
67 50.6 0.0 107.0



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# 1648

Delta R.T. -0.00 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

DUP-0485-180619ME

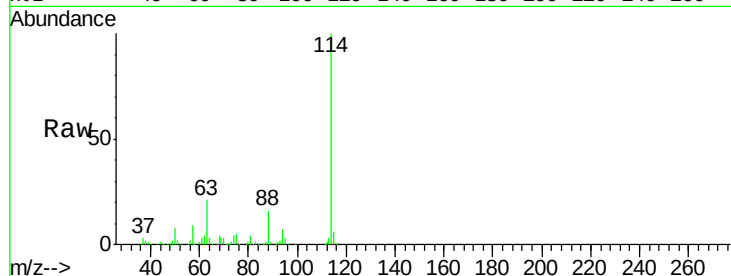
Tgt Ion:114 Resp: 329739

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

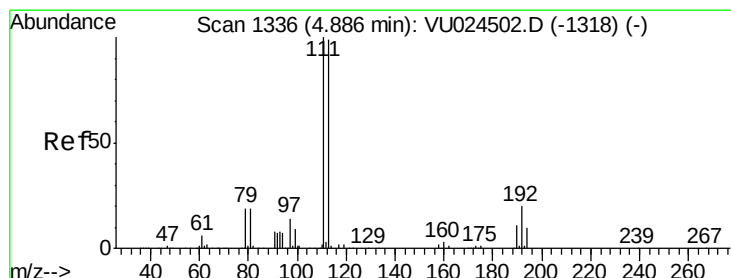
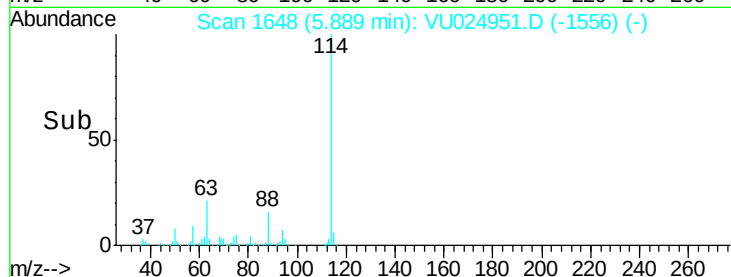
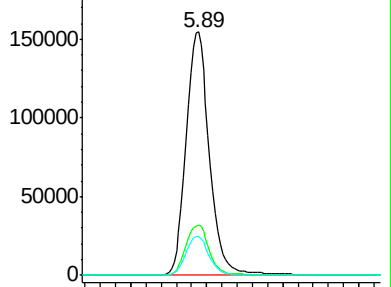
88 16.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 45.738 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

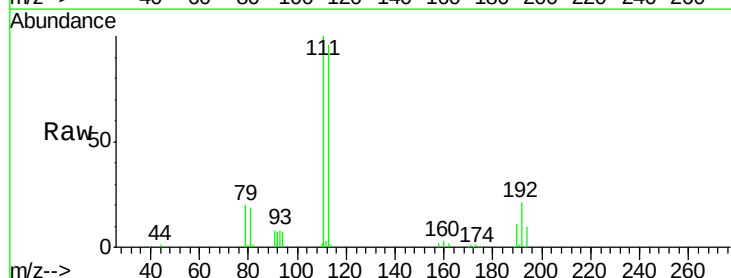
Tgt Ion:113 Resp: 125167

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

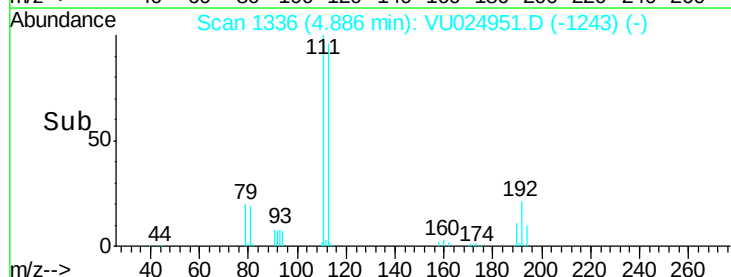
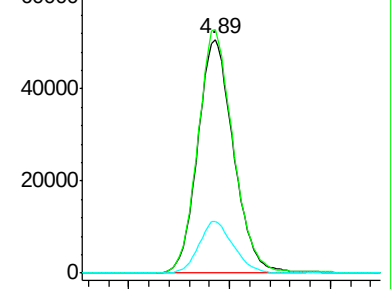
192 21.4 16.2 24.4

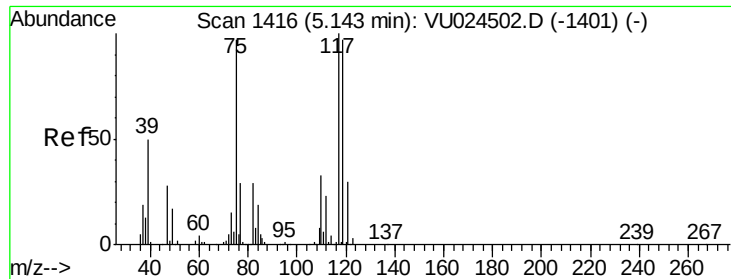


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.207 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.16 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

DUP-0485-180619ME

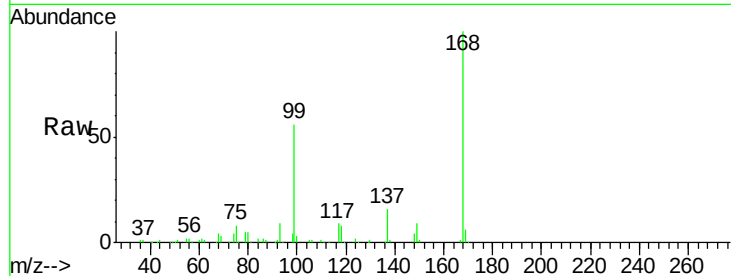
Tgt Ion: 75 Resp: 16299

Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

77 0.0 24.2 36.4#

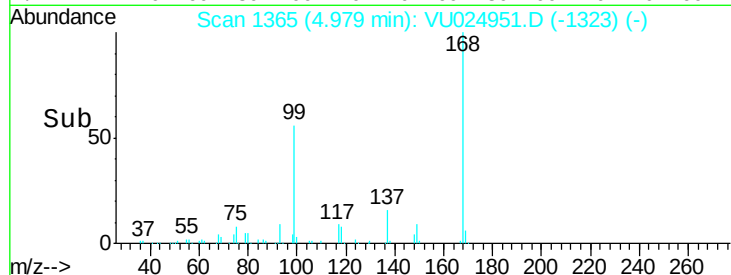


Abundance Ion 74.90 (74.60 to 75.60): VU024951.D (-1365) (-)

Ion 109.90 (109.60 to 110.60): VU024951.D (-1365) (-)

Ion 76.90 (76.60 to 77.60): VU024951.D (-1365) (-)

Time-->



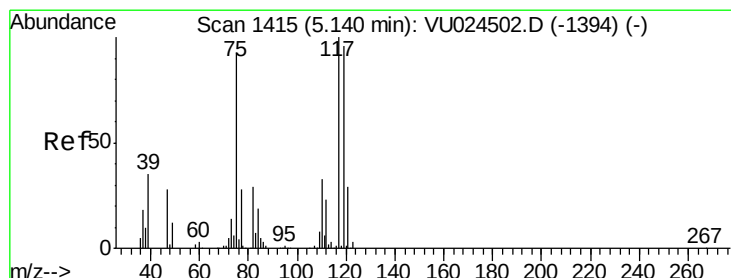
Abundance

Ion 74.90 (74.60 to 75.60): VU024951.D (-1365) (-)

Ion 109.90 (109.60 to 110.60): VU024951.D (-1365) (-)

Ion 76.90 (76.60 to 77.60): VU024951.D (-1365) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.785 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

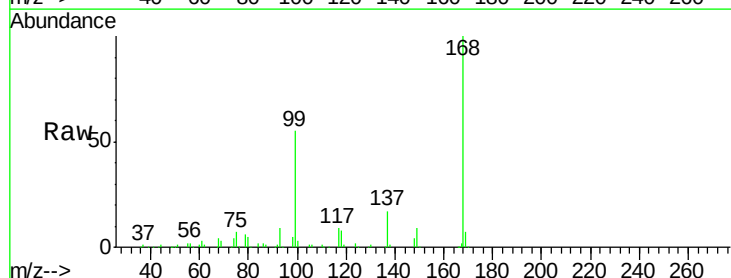
Tgt Ion: 117 Resp: 20388

Ion Ratio Lower Upper

117 100

119 5.5 76.1 114.1#

121 0.0 23.7 35.5#

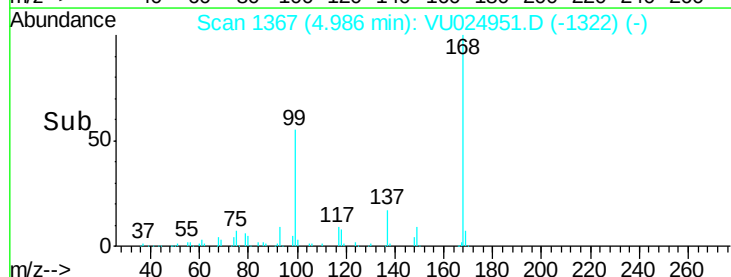


Abundance Ion 116.80 (116.50 to 117.50): VU024951.D (-1367) (-)

Ion 118.80 (118.50 to 119.50): VU024951.D (-1367) (-)

Ion 120.80 (120.50 to 121.50): VU024951.D (-1367) (-)

Time-->



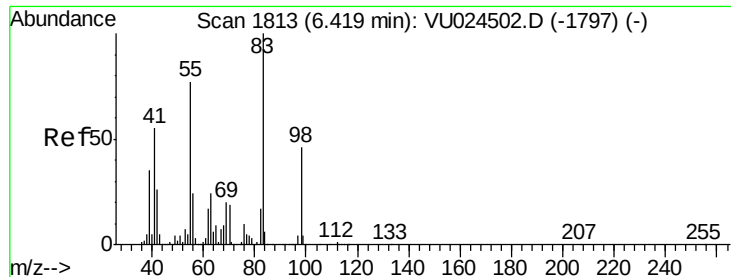
Abundance

Ion 116.80 (116.50 to 117.50): VU024951.D (-1367) (-)

Ion 118.80 (118.50 to 119.50): VU024951.D (-1367) (-)

Ion 120.80 (120.50 to 121.50): VU024951.D (-1367) (-)

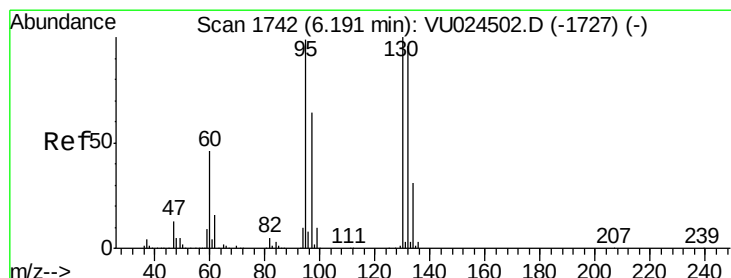
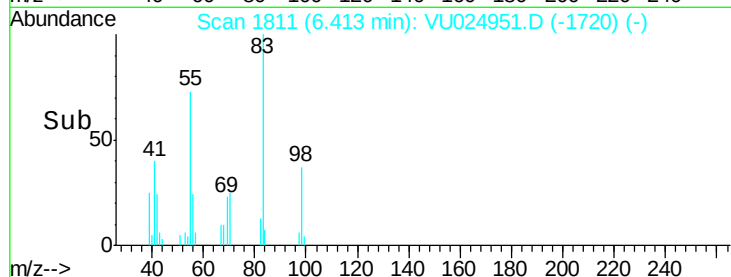
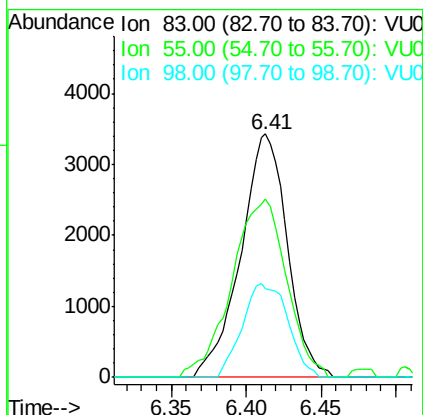
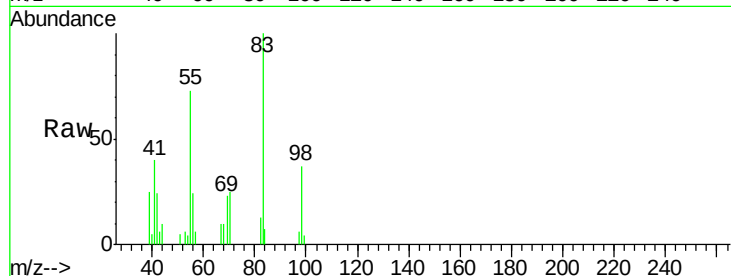
Time-->



#39
Methylcyclohexane
Concen: 1.537 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

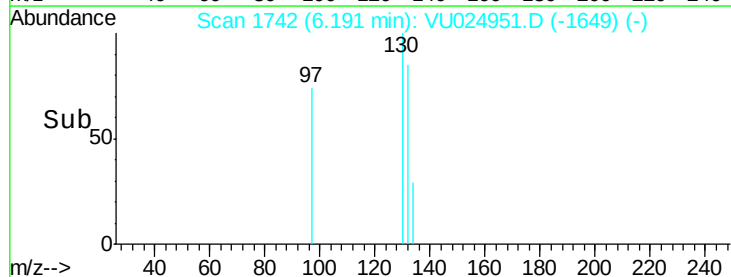
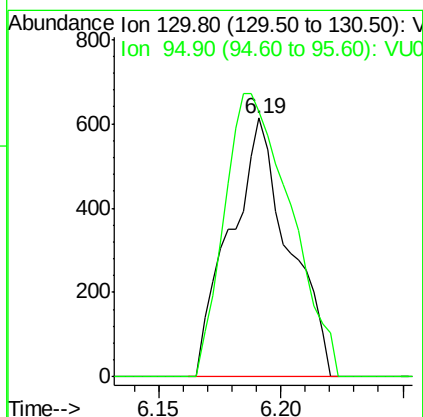
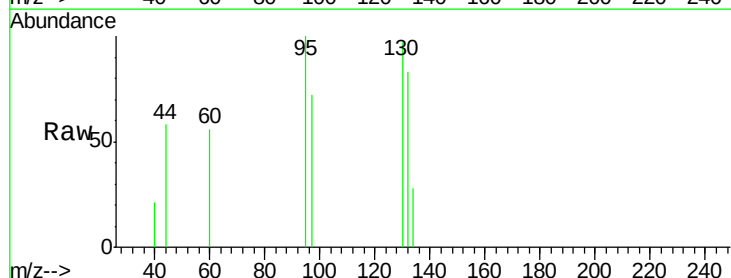
Instrument :
MSVOA_U
ClientSampleId :
DUP-0485-180619ME

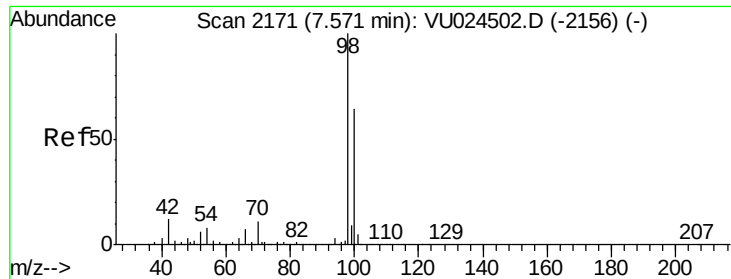
Tgt Ion: 83 Resp: 7432
Ion Ratio Lower Upper
83 100
55 73.1 65.8 98.6
98 36.5 36.7 55.1#



#44
Trichloroethene
Concen: 0.324 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

Tgt Ion: 130 Resp: 1019
Ion Ratio Lower Upper
130 100
95 102.6 0.0 202.4





#50

Toluene-d8

Concen: 48.081 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

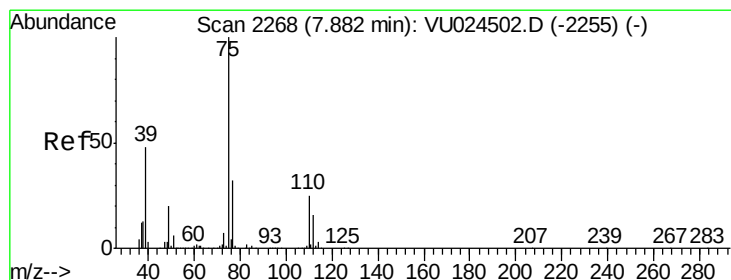
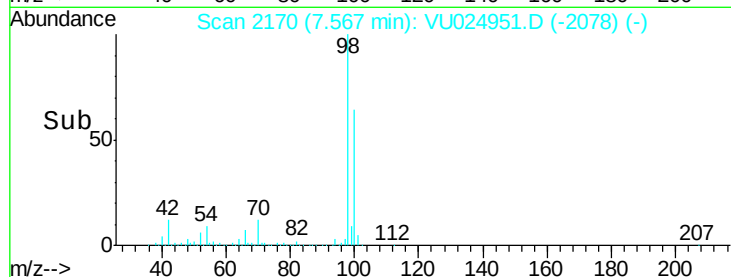
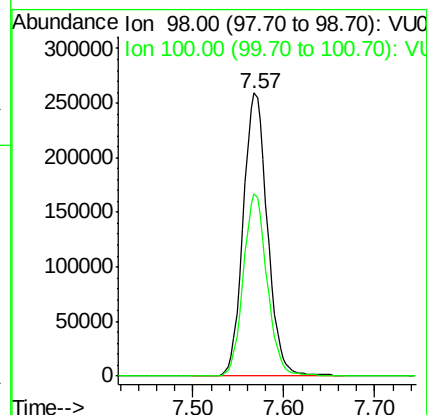
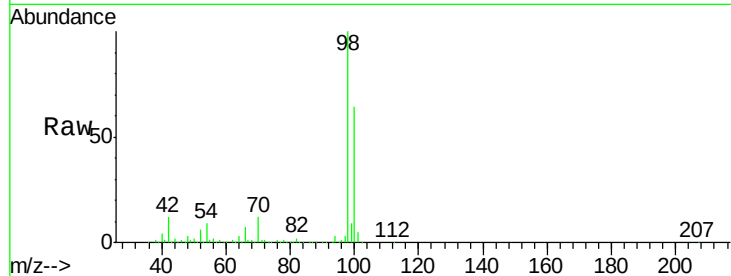
DUP-0485-180619ME

Tgt Ion: 98 Resp: 479946

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



#53

t-1,3-Dichloropropene

Concen: 0.201 ug/l

RT: 7.81 min Scan# 2247

Delta R.T. -0.07 min

Lab File: VU024951.D

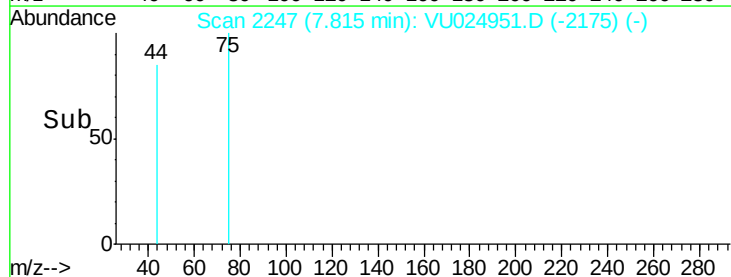
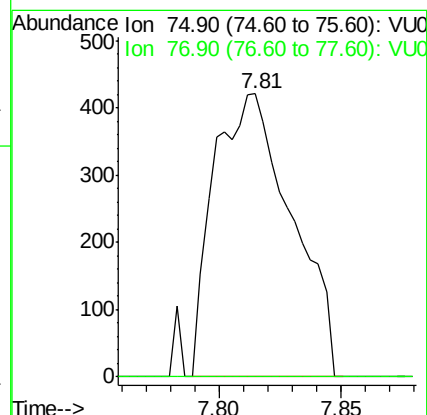
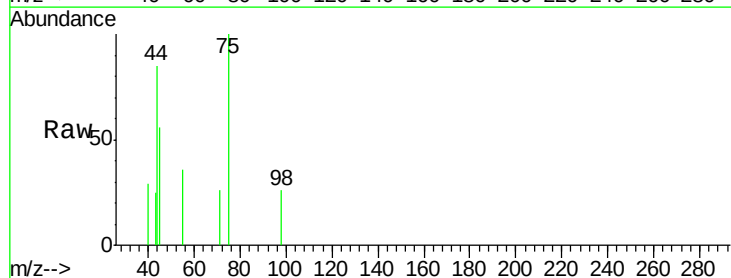
Acq: 27 Jun 2018 03:59

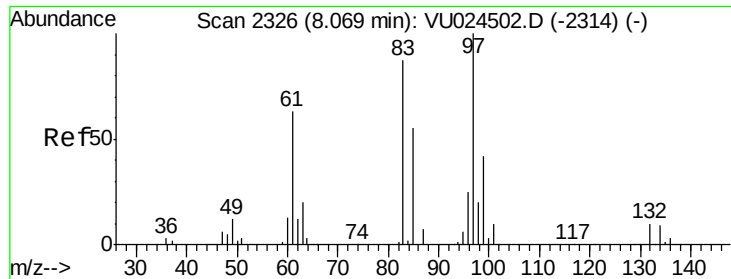
Tgt Ion: 75 Resp: 931

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

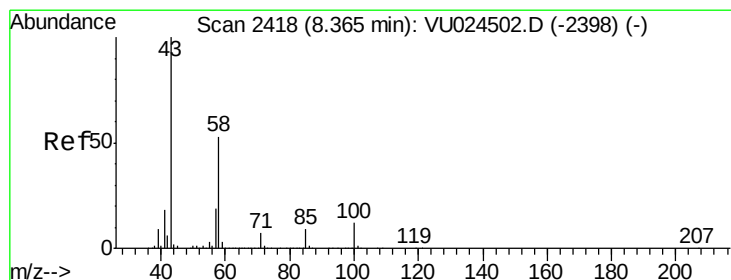
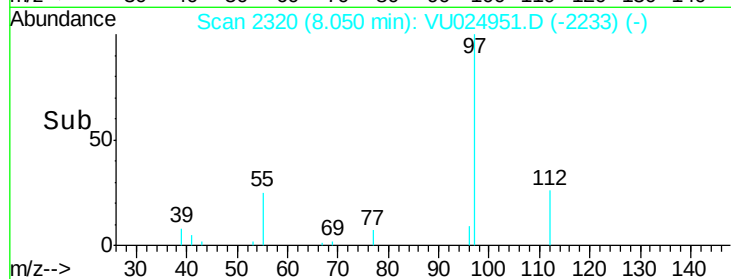
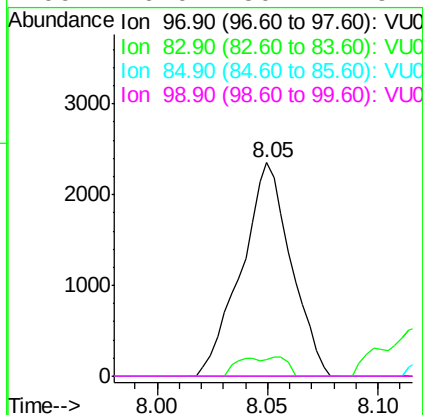
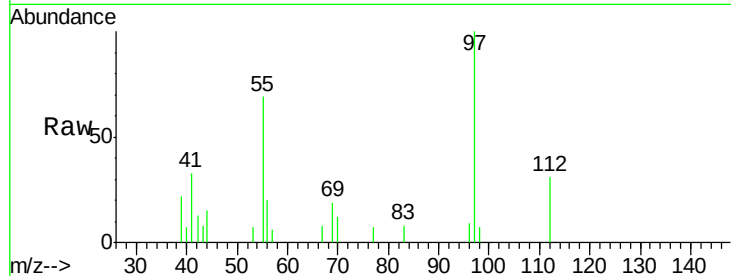




#55
 1,1,2-Trichloroethane
 Concen: 1.272 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: VU024951.D
 Acq: 27 Jun 2018 03:59

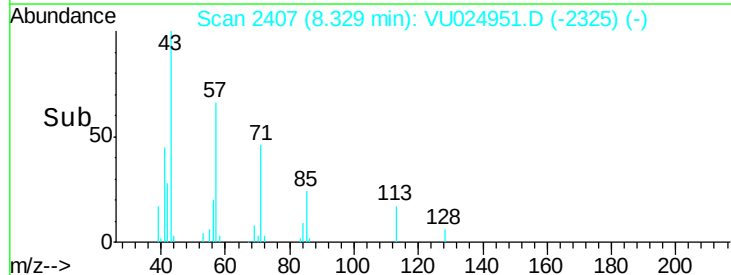
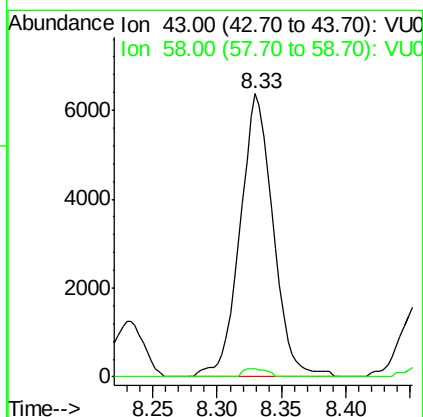
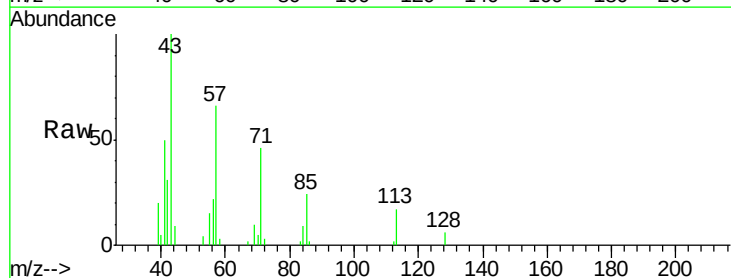
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0485-180619ME

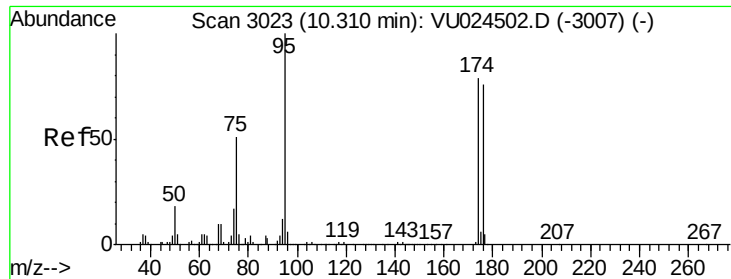
Tgt Ion: 97 Resp: 3673
 Ion Ratio Lower Upper
 97 100
 83 7.8 70.5 105.7#
 85 0.0 46.4 69.6#
 99 0.0 50.2 75.2#



#59
 2-Hexanone
 Concen: 3.049 ug/l
 RT: 8.33 min Scan# 2407
 Delta R.T. -0.04 min
 Lab File: VU024951.D
 Acq: 27 Jun 2018 03:59

Tgt Ion: 43 Resp: 11417
 Ion Ratio Lower Upper
 43 100
 58 2.0 26.4 79.0#

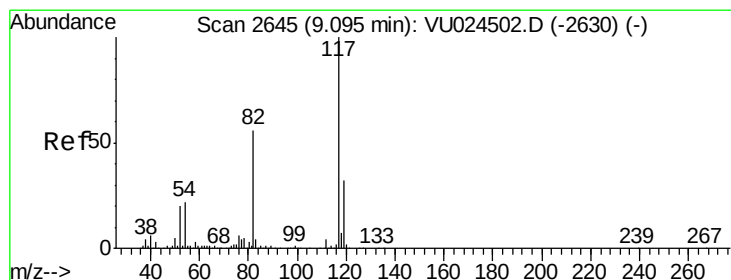
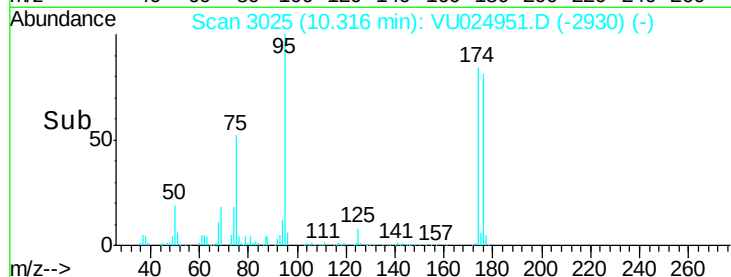
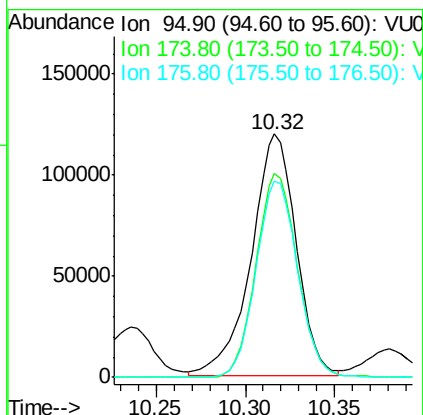
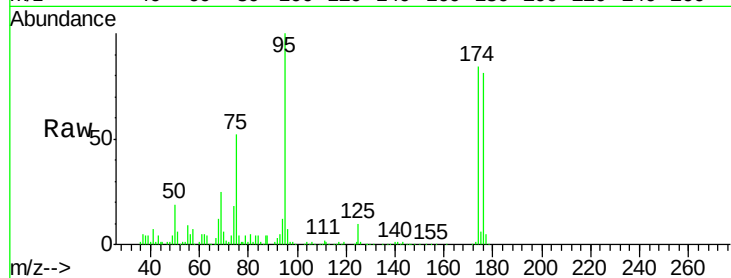




#62
4-Bromofluorobenzene
Concen: 52.944 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

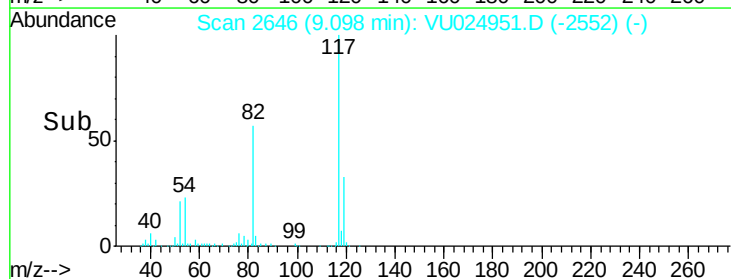
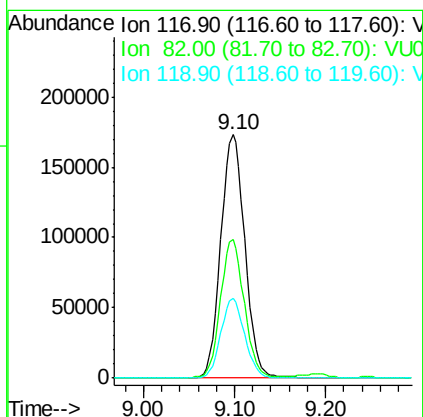
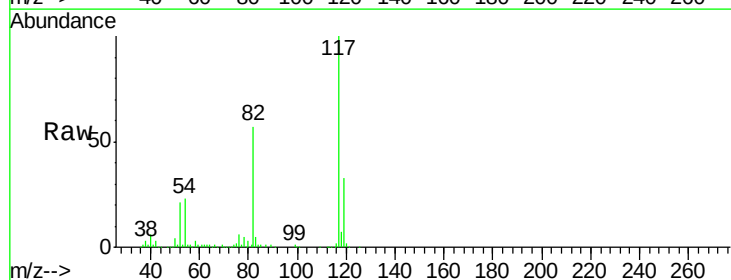
Instrument :
MSVOA_U
ClientSampleId :
DUP-0485-180619ME

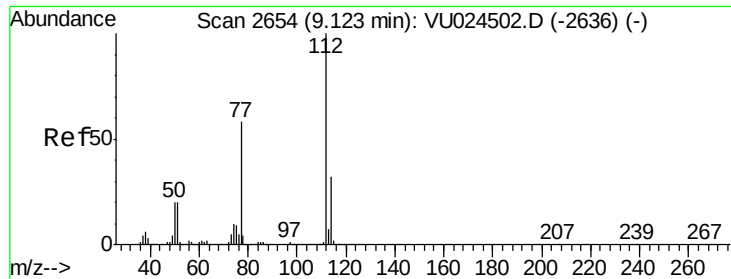
Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	165.8
176	75.8	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.3	66.5
119	32.5	25.4	38.2

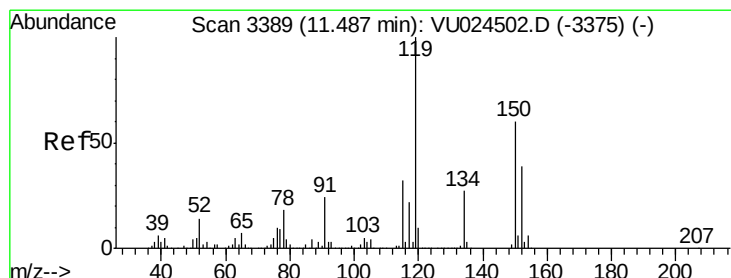
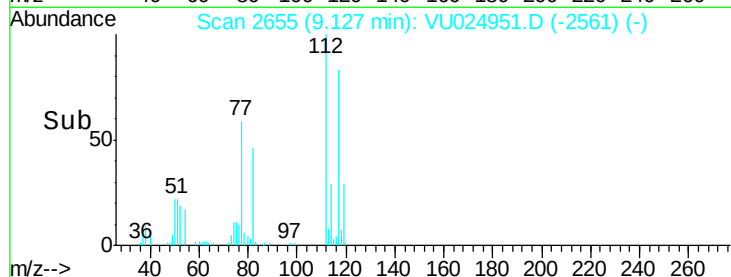
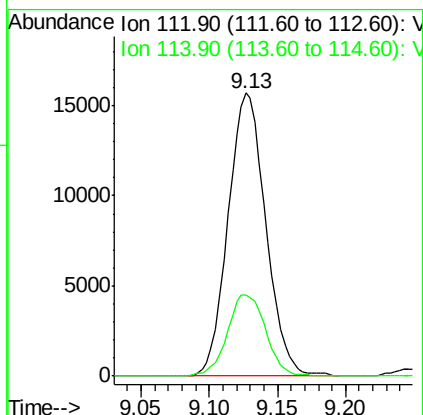
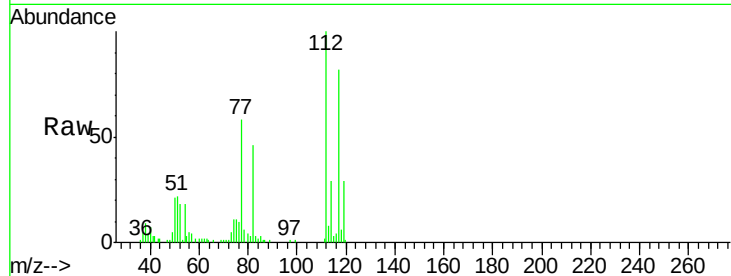




#65
Chlorobenzene
Concen: 3.692 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

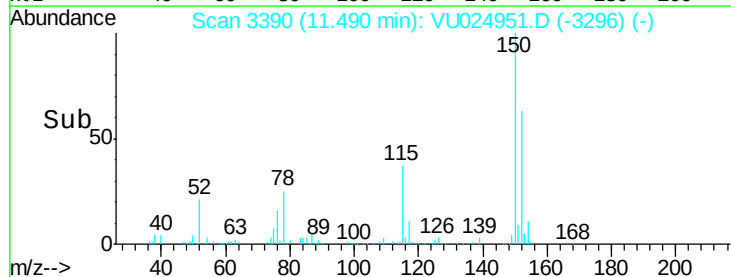
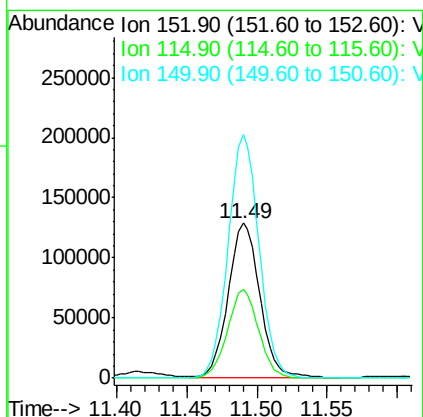
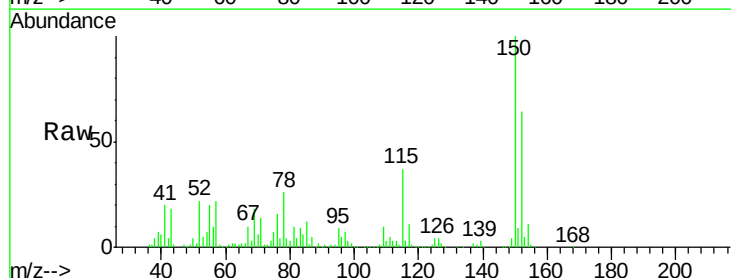
Instrument :
MSVOA_U
ClientSampleId :
DUP-0485-180619ME

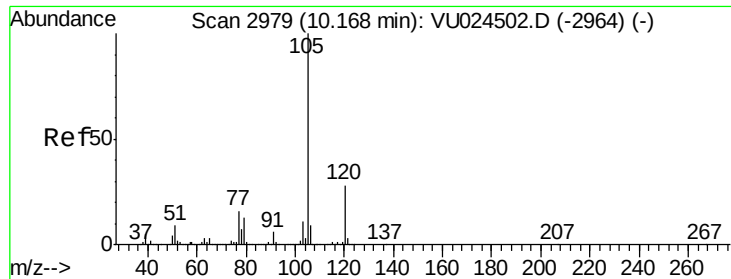
Tgt Ion:112 Resp: 30092
Ion Ratio Lower Upper
112 100
114 28.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024951.D
Acq: 27 Jun 2018 03:59

Tgt Ion:152 Resp: 201766
Ion Ratio Lower Upper
152 100
115 56.1 43.0 129.0
150 154.0 0.0 354.0





#73

Isopropylbenzene

Concen: 0.242 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

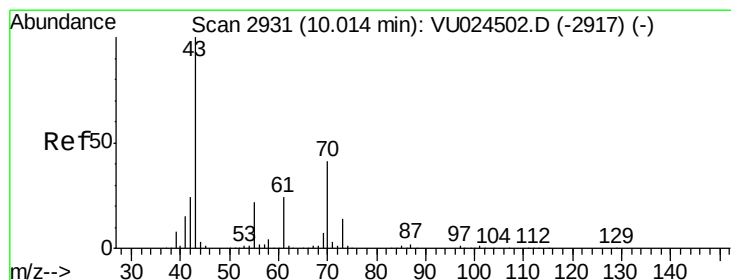
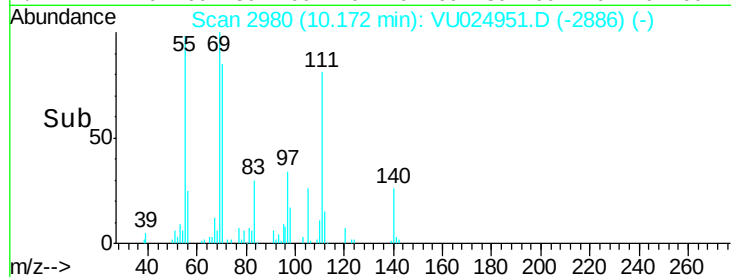
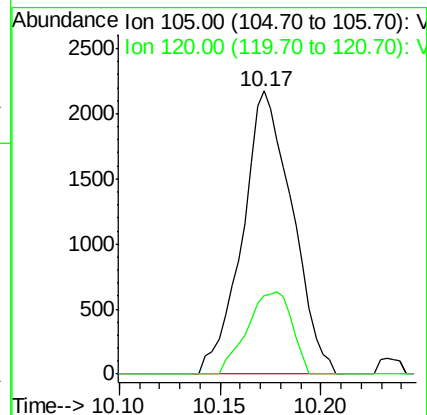
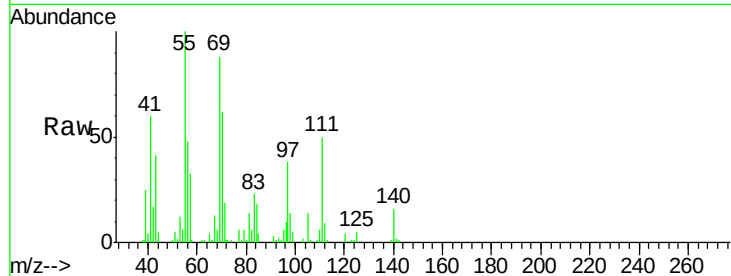
DUP-0485-180619ME

Tgt Ion:105 Resp: 3746

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 9.965 ug/l

RT: 10.05 min Scan# 2941

Delta R.T. 0.03 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Tgt Ion: 43 Resp: 73427

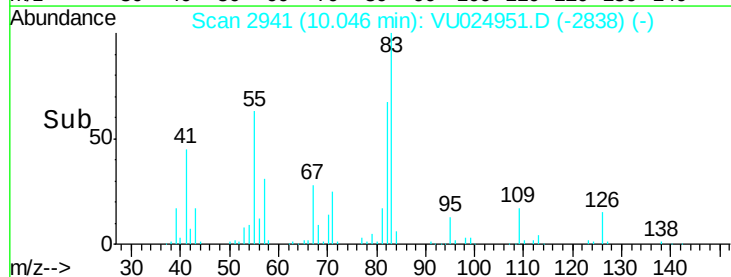
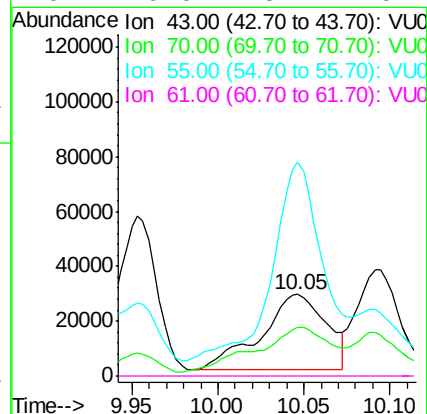
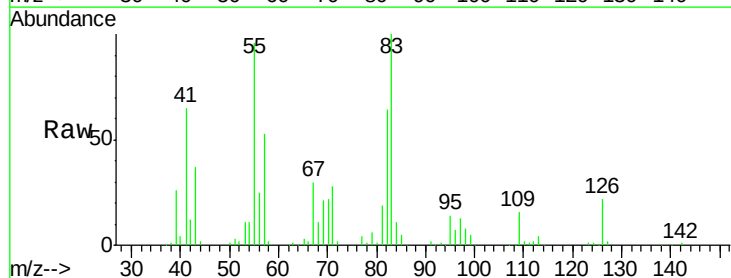
Ion Ratio Lower Upper

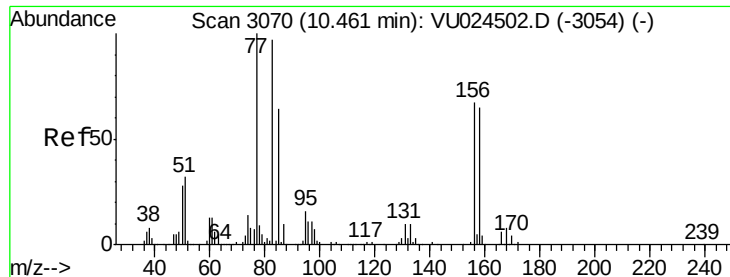
43 100

70 65.7 32.2 48.4#

55 194.8 20.5 30.7#

61 0.0 18.7 28.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 12.157 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

DUP-0485-180619ME

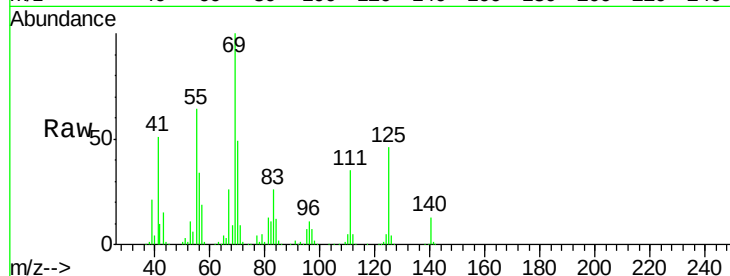
Tgt Ion: 83 Resp: 63108

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 7.3 32.5 97.5#

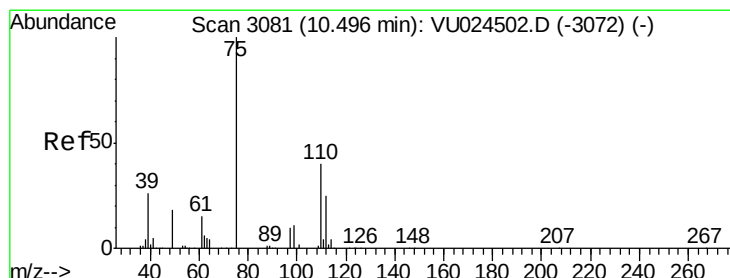
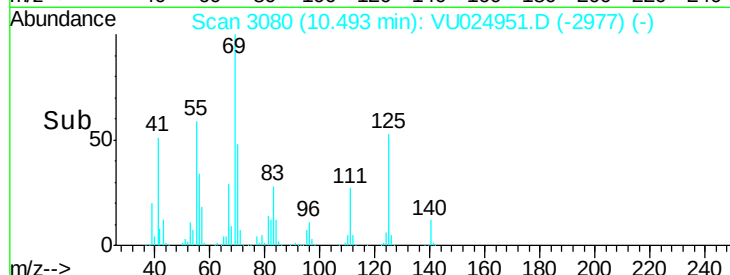
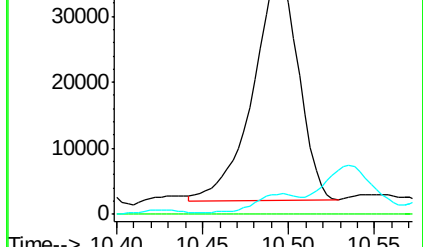


Abundance Ion 82.90 (82.60 to 83.60): VU024951.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024951.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024951.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 22.548 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU024951.D

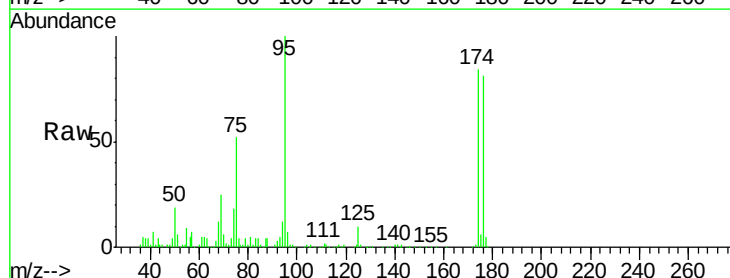
Acq: 27 Jun 2018 03:59

Tgt Ion: 75 Resp: 100163

Ion Ratio Lower Upper

75 100

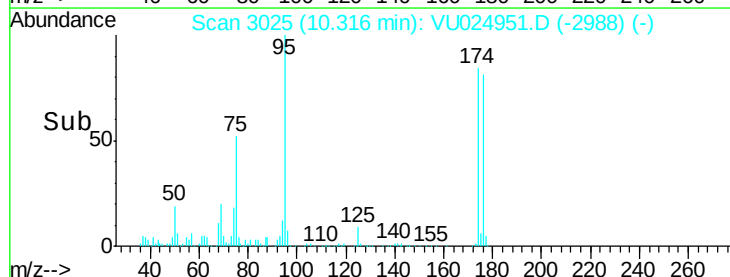
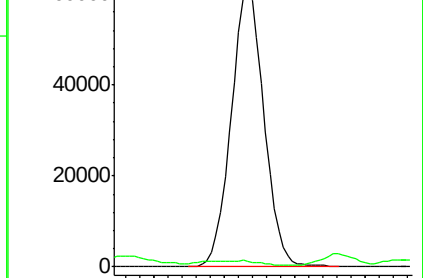
77 0.0 20.9 62.7#

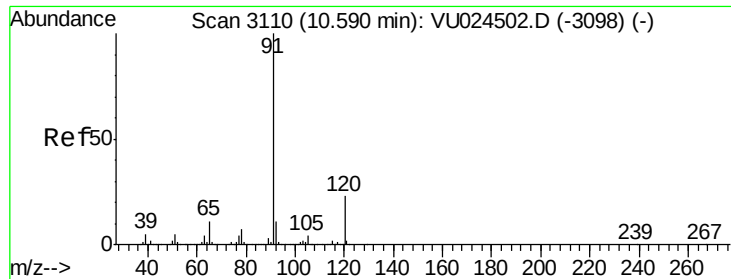


Abundance Ion 74.90 (74.60 to 75.60): VU024951.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024951.D (-2988) (-)

Time-->





#78

n-propylbenzene

Concen: 0.215 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

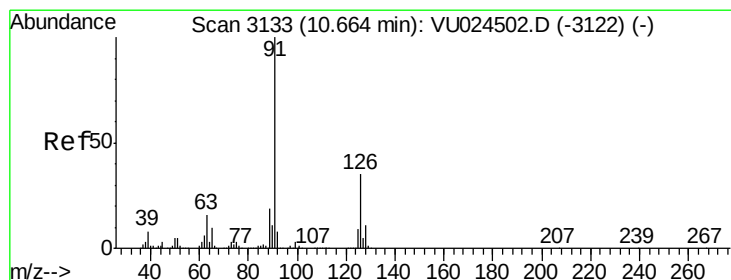
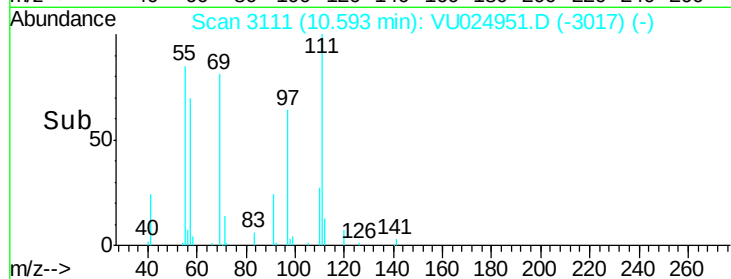
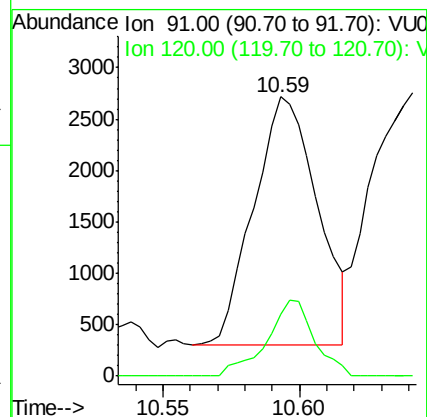
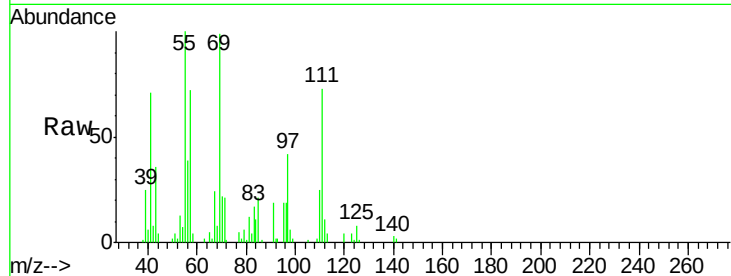
DUP-0485-180619ME

Tgt Ion: 91 Resp: 3927

Ion Ratio Lower Upper

91 100

120 22.8 11.2 33.5



#79

2-Chlorotoluene

Concen: 0.450 ug/l

RT: 10.71 min Scan# 3146

Delta R.T. 0.04 min

Lab File: VU024951.D

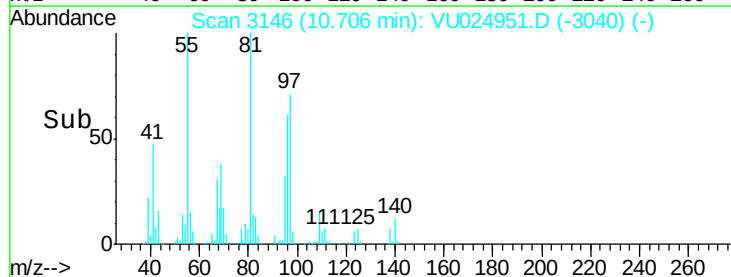
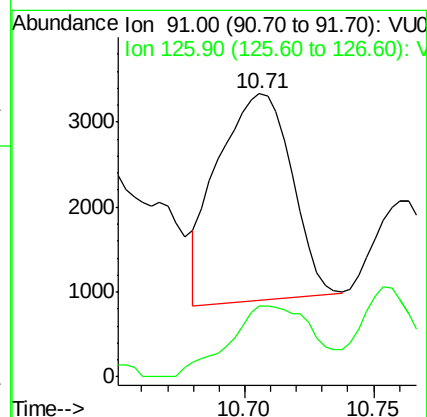
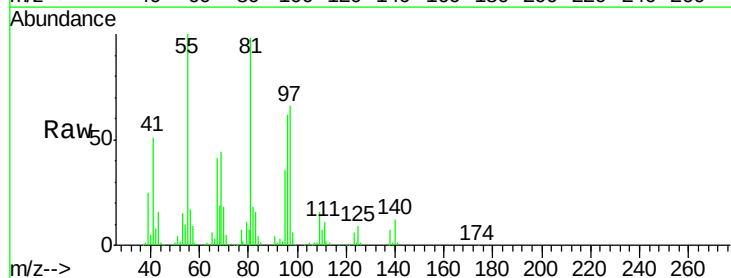
Acq: 27 Jun 2018 03:59

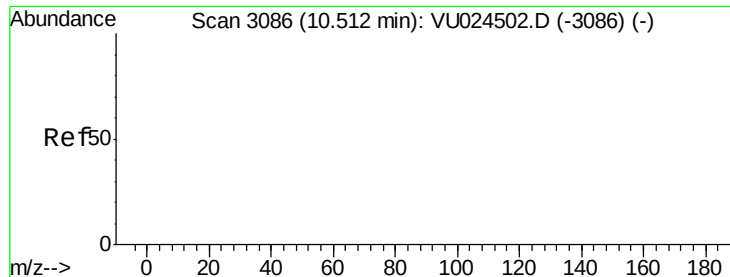
Tgt Ion: 91 Resp: 4842

Ion Ratio Lower Upper

91 100

126 38.7 16.9 50.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.186 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.20 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

DUP-0485-180619ME

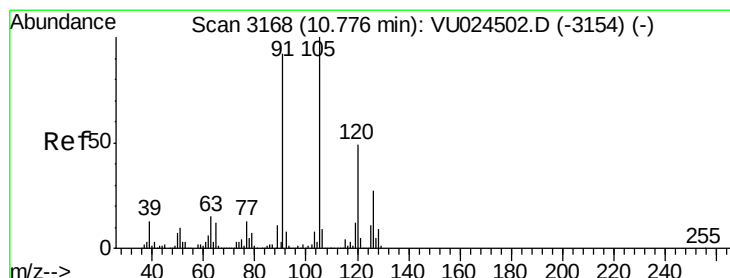
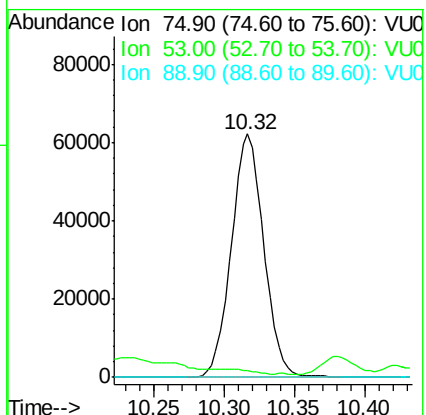
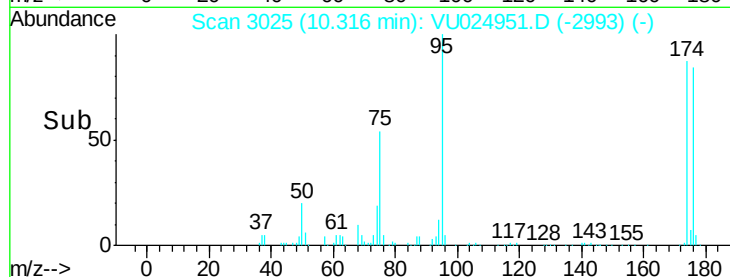
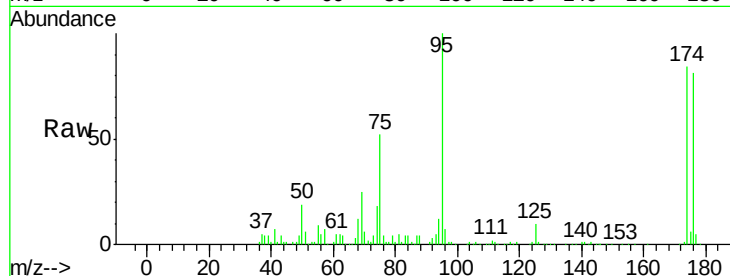
Tgt Ion: 75 Resp: 100163

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 0.393 ug/l

RT: 10.71 min Scan# 3146

Delta R.T. -0.07 min

Lab File: VU024951.D

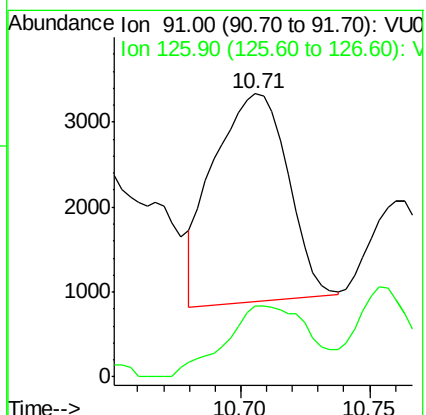
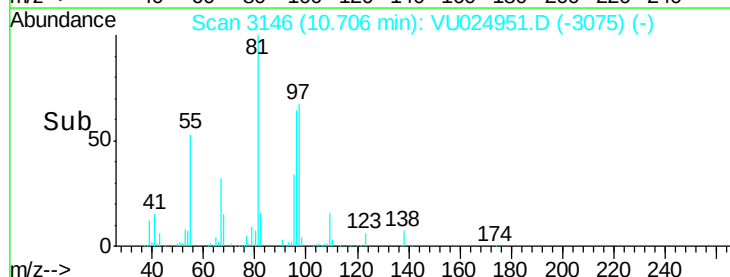
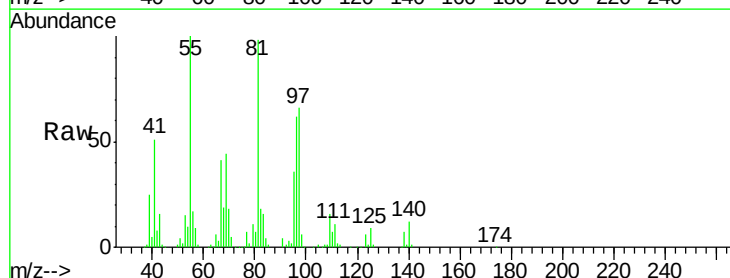
Acq: 27 Jun 2018 03:59

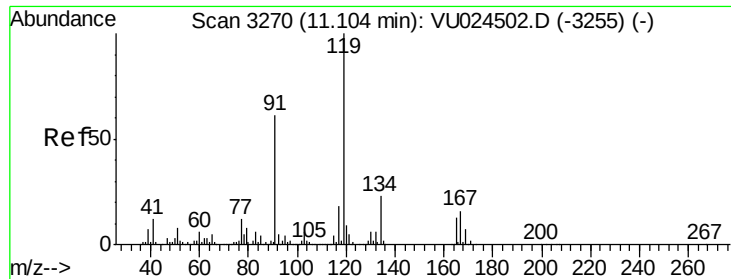
Tgt Ion: 91 Resp: 4917

Ion Ratio Lower Upper

91 100

126 38.1 14.9 44.9

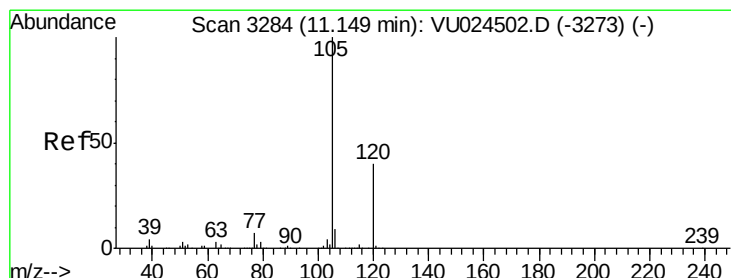
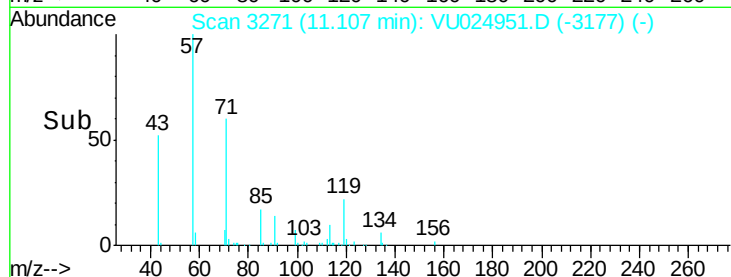
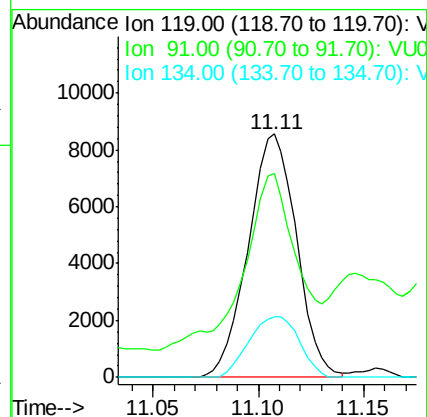
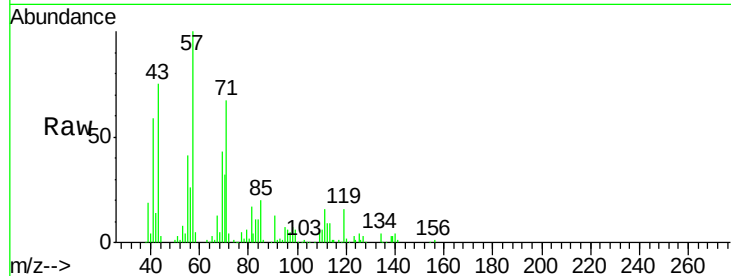




#83
 tert-Butylbenzene
 Concen: 1.055 ug/l
 RT: 11.11 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU024951.D
 Acq: 27 Jun 2018 03:59

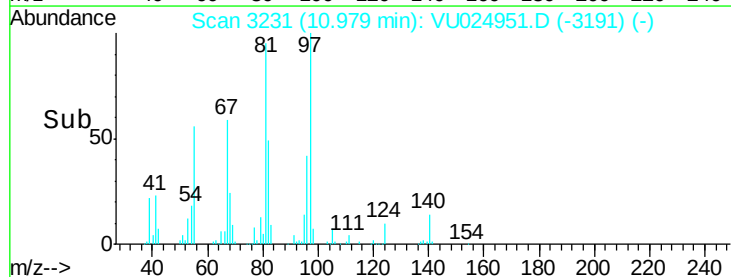
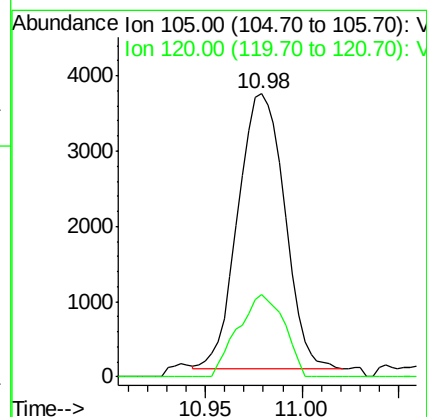
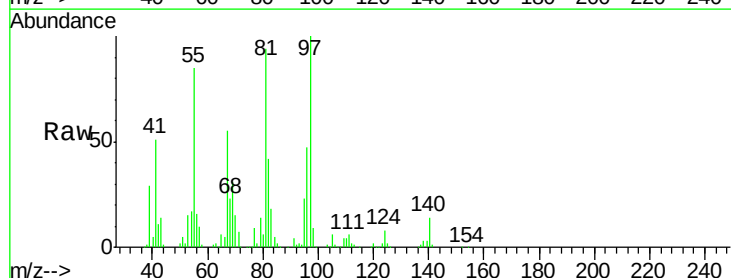
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0485-180619ME

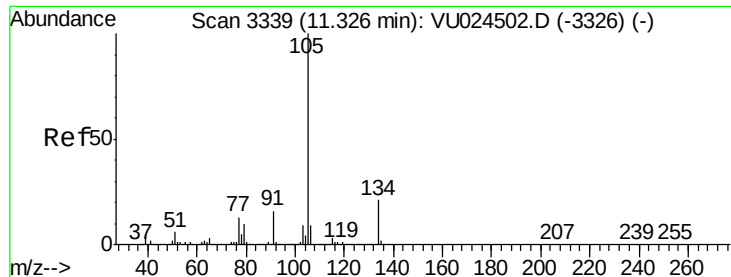
Tgt Ion:119 Resp: 13622
 Ion Ratio Lower Upper
 119 100
 91 79.5 29.7 89.1
 134 26.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.449 ug/l
 RT: 10.98 min Scan# 3231
 Delta R.T. -0.17 min
 Lab File: VU024951.D
 Acq: 27 Jun 2018 03:59

Tgt Ion:105 Resp: 6141
 Ion Ratio Lower Upper
 105 100
 120 29.6 22.6 67.8





#85

sec-Butylbenzene

Concen: 11.082 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

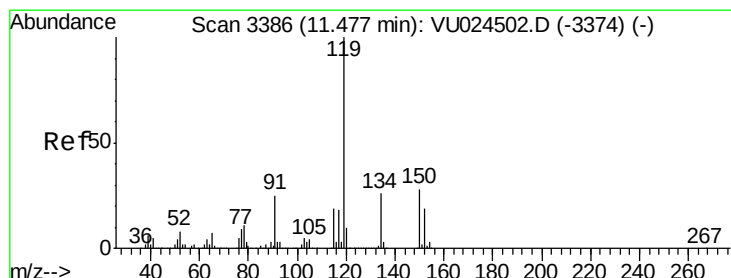
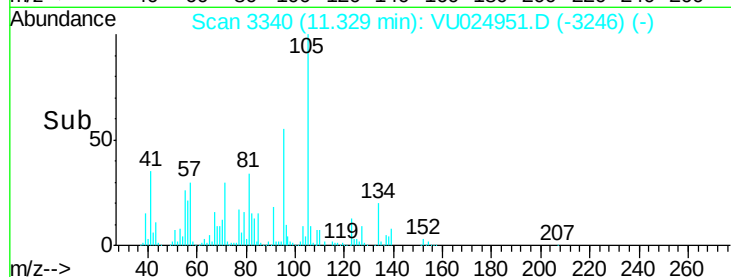
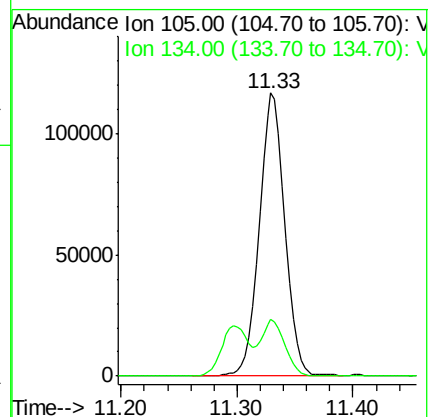
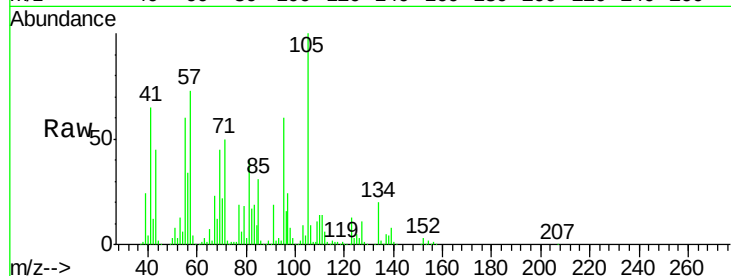
DUP-0485-180619ME

Tgt Ion:105 Resp: 179154

Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1



#86

p-Isopropyltoluene

Concen: 6.398 ug/l

RT: 11.70 min Scan# 3454

Delta R.T. 0.22 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

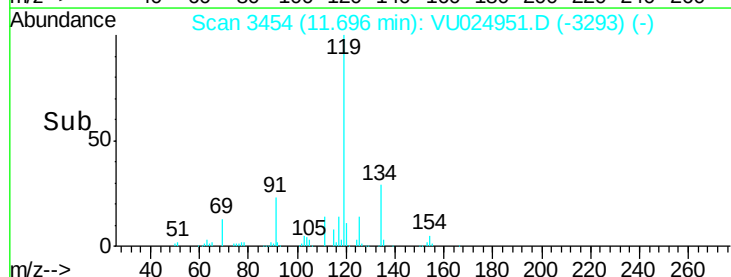
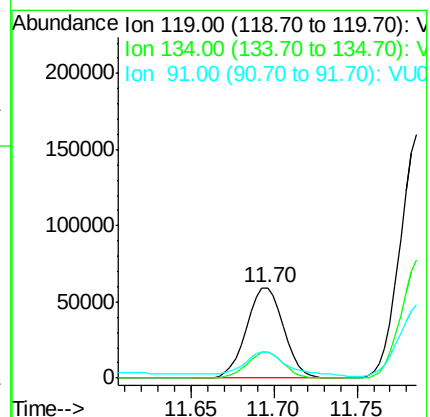
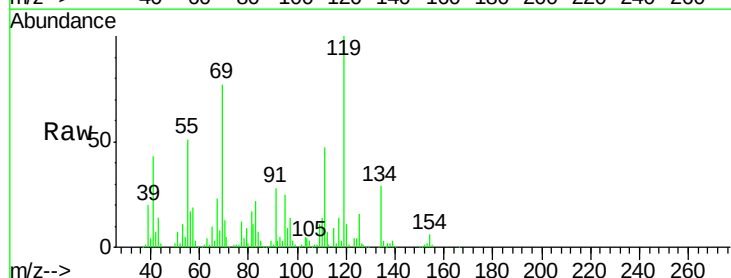
Tgt Ion:119 Resp: 92638

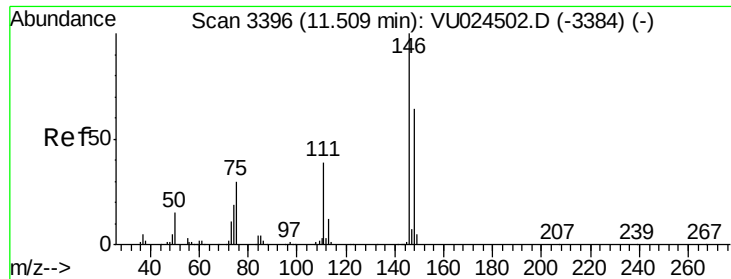
Ion Ratio Lower Upper

119 100

134 28.2 12.9 38.6

91 32.1 12.0 36.1

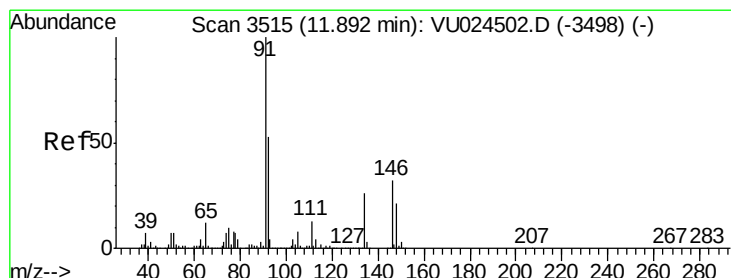
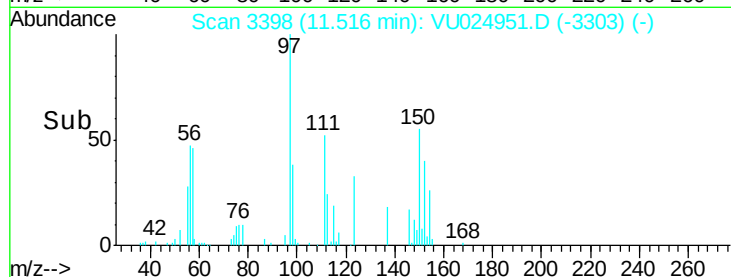
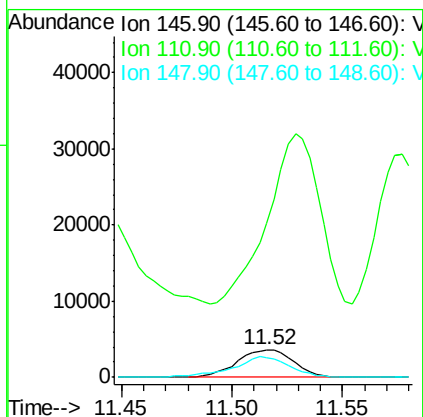
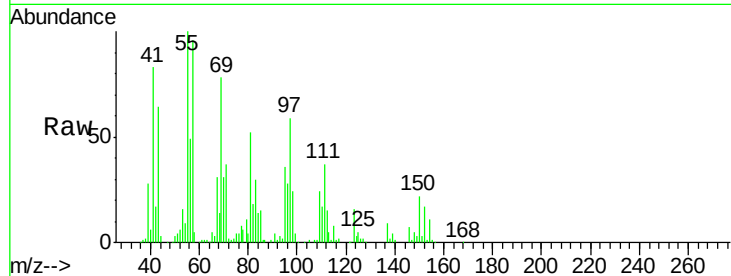




#88
 1,4-Dichlorobenzene
 Concen: 0.871 ug/l
 RT: 11.52 min Scan# 3398
 Delta R.T. 0.01 min
 Lab File: VU024951.D
 Acq: 27 Jun 2018 03:59

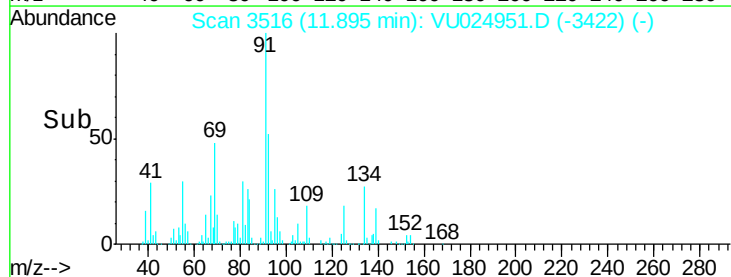
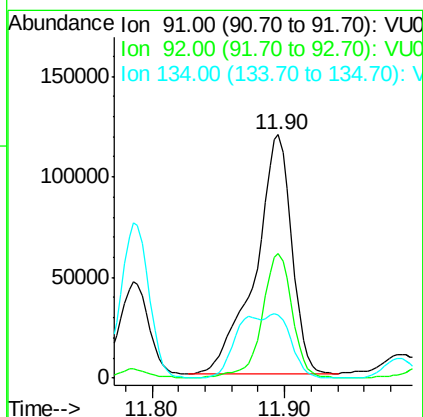
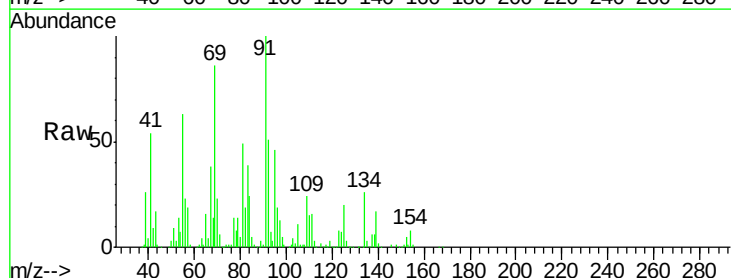
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0485-180619ME

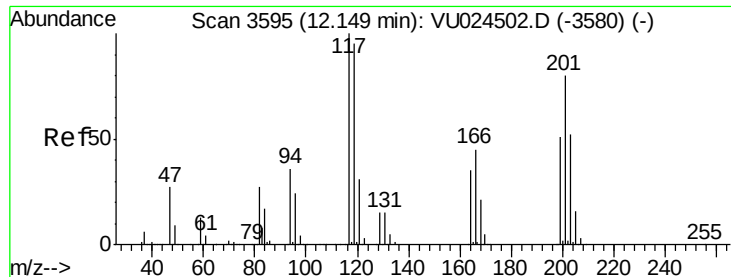
Tgt Ion: 146 Resp: 6354
 Ion Ratio Lower Upper
 146 100
 111 564.1 19.5 58.5#
 148 75.7 32.4 97.0



#89
 n-Butylbenzene
 Concen: 17.678 ug/l
 RT: 11.90 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU024951.D
 Acq: 27 Jun 2018 03:59

Tgt Ion: 91 Resp: 227239
 Ion Ratio Lower Upper
 91 100
 92 42.9 25.6 76.8
 134 0.0 12.3 36.8#





#90

Hexachloroethane

Concen: 39.618 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

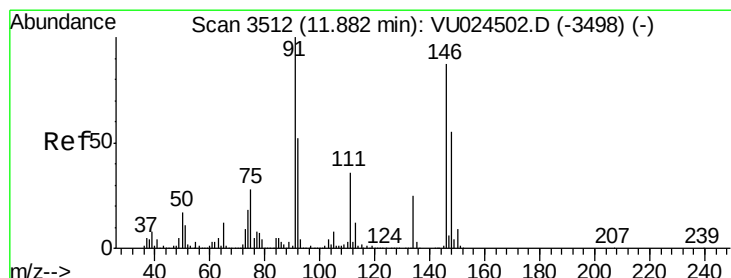
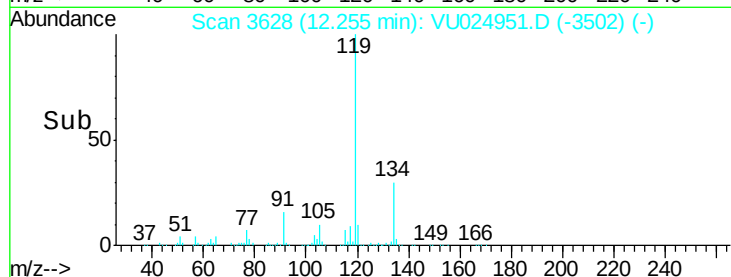
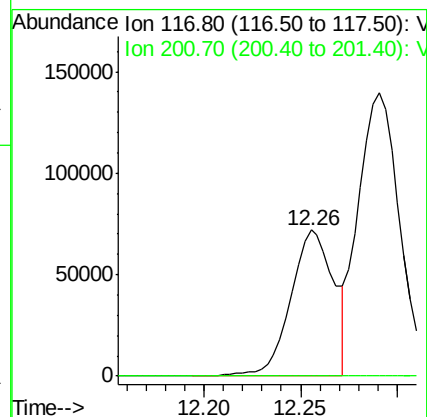
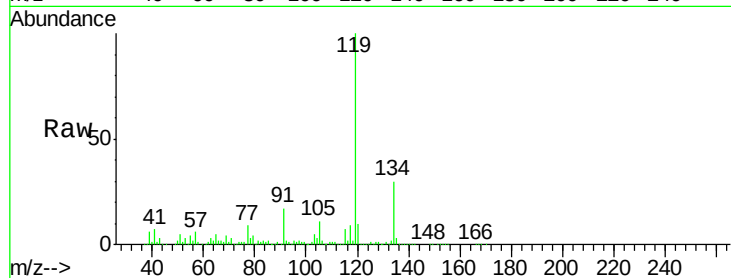
DUP-0485-180619ME

Tgt Ion:117 Resp: 111902

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#



#91

1,2-Dichlorobenzene

Concen: 0.382 ug/l

RT: 11.89 min Scan# 3514

Delta R.T. 0.01 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

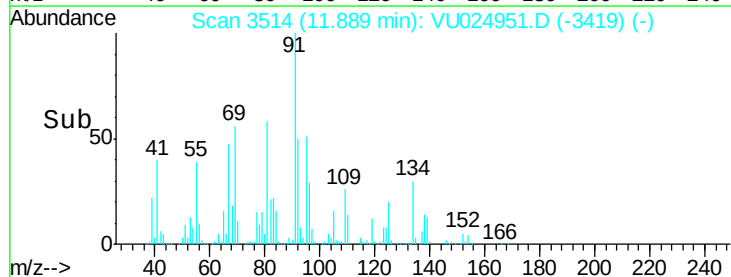
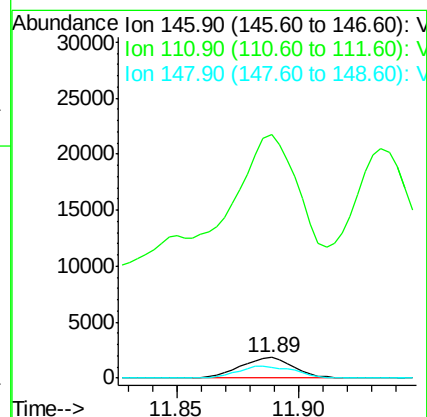
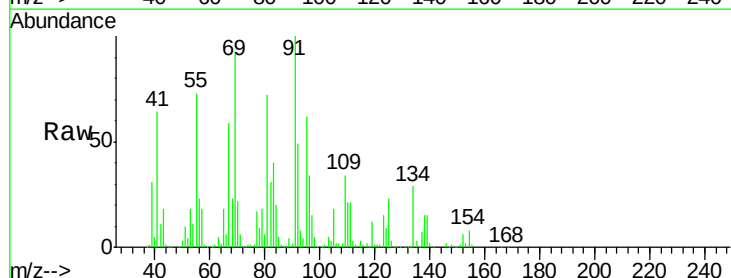
Tgt Ion:146 Resp: 2772

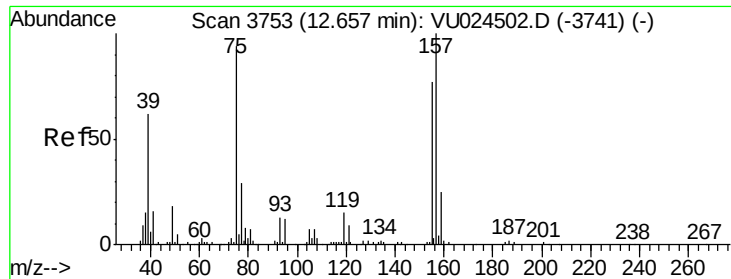
Ion Ratio Lower Upper

146 100

111 816.4 20.5 61.6#

148 60.1 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.481 ug/l

RT: 12.65 min Scan# 3751

Delta R.T. -0.01 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

Instrument :

MSVOA_U

ClientSampleId :

DUP-0485-180619ME

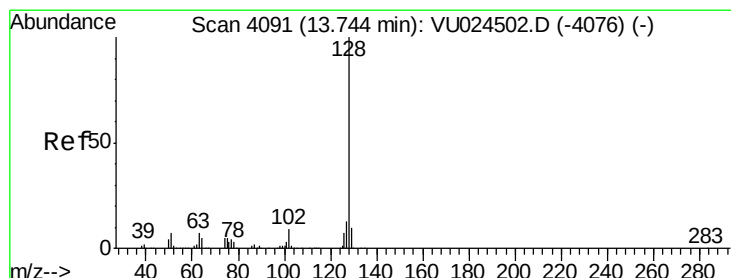
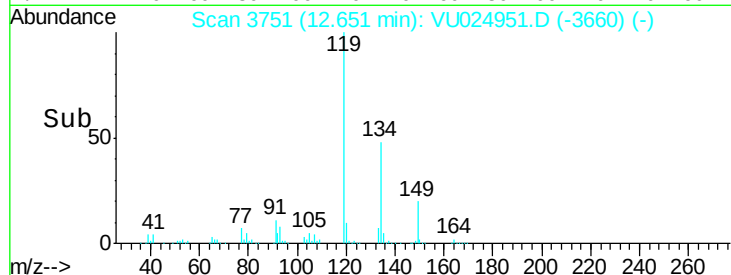
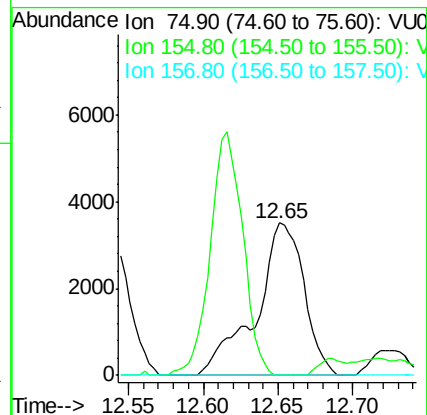
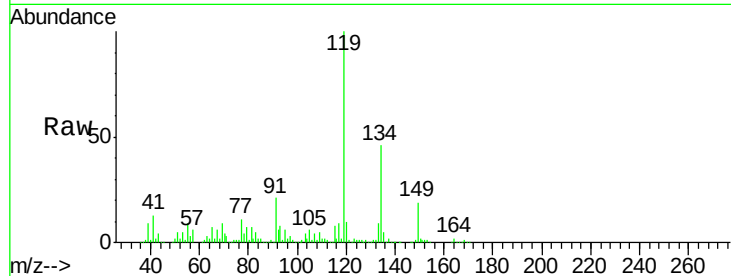
Tgt Ion: 75 Resp: 7850

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

157 0.0 52.3 156.8#



#95

Naphthalene

Concen: 4.047 ug/l

RT: 13.73 min Scan# 4087

Delta R.T. -0.01 min

Lab File: VU024951.D

Acq: 27 Jun 2018 03:59

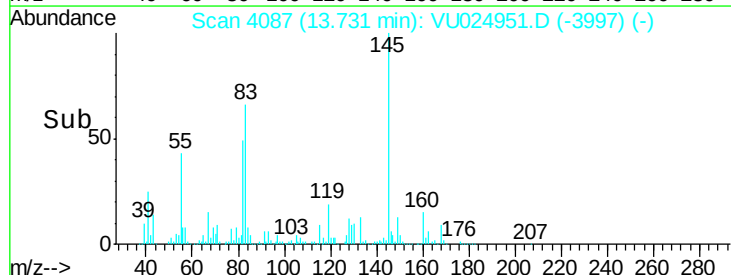
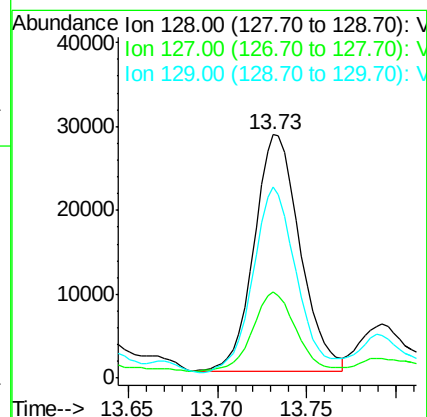
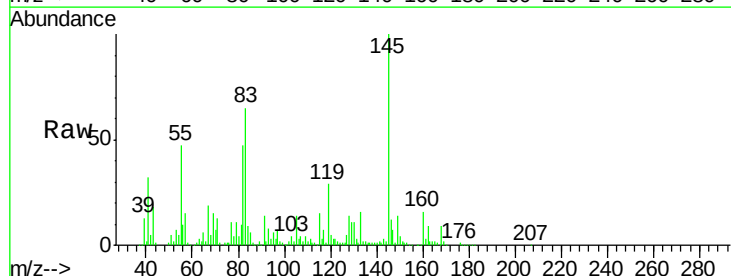
Tgt Ion: 128 Resp: 50651

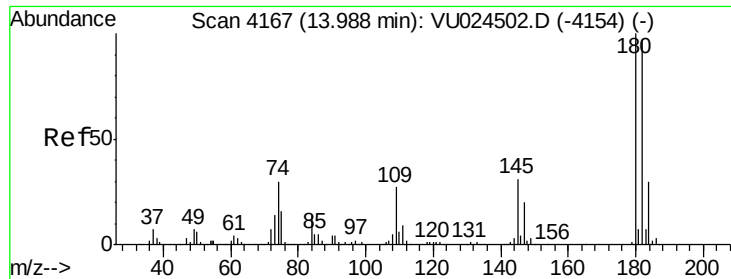
Ion Ratio Lower Upper

128 100

127 31.4 10.6 16.0#

129 74.4 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.610 ug/l
 RT: 13.95 min Scan# 4154
 Delta R.T. -0.04 min
 Lab File: VU024951.D
 Acq: 27 Jun 2018 03:59

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0485-180619ME

Tgt Ion:180 Resp: 2722
 Ion Ratio Lower Upper
 180 100
 182 211.9 47.9 143.7#
 145 2355.9 15.4 46.1#

