

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025366.D
 Acq On : 13 Jul 2018 02:50
 Operator : MD/SY
 Sample : J3927-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CS-RBR-200031

Quant Time: Jul 13 04:37:10 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298205	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146009	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	150602	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	4.89	113	114247	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
50) Toluene-d8	7.57	98	423541	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	10.31	95	158685	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	

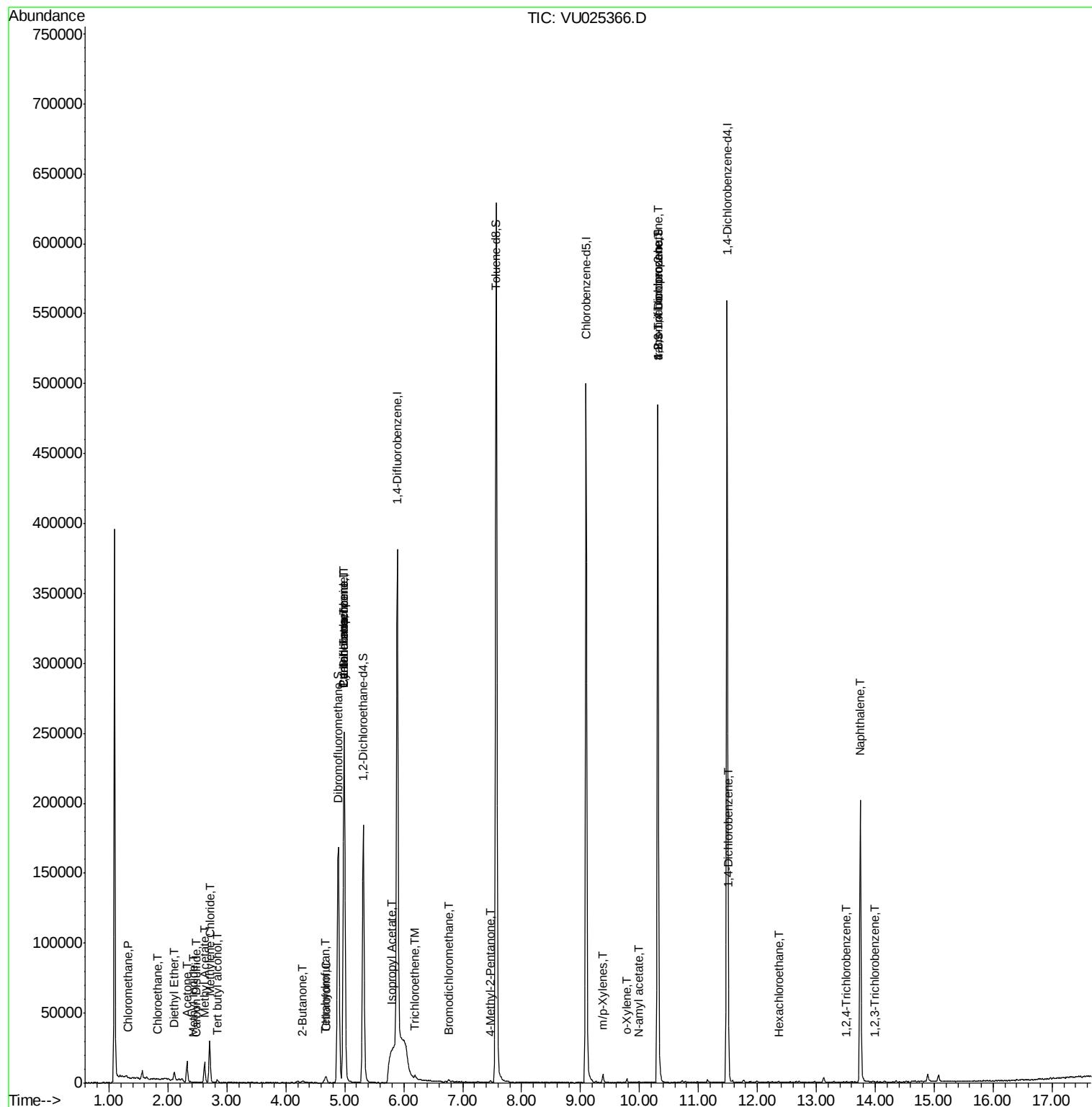
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	395	0.76	ug/l #	42
5) Bromomethane	1.64	94	335	Below Cal		96
6) Chloroethane	1.82	64	42	0.32	ug/l #	43
8) Diethyl Ether	2.10	74	1830	1.41	ug/l	96
10) Methyl Iodide	2.42	142	114	7.75	ug/l #	39
11) Tert butyl alcohol	2.83	59	1683	2.56	ug/l #	73
16) Acetone	2.32	43	15341	14.66	ug/l	94
17) Carbon Disulfide	2.47	76	157	1.96	ug/l #	74
18) Methyl Acetate	2.62	43	17773	5.77	ug/l	96
20) Methylene Chloride	2.71	84	13206	6.28	ug/l	91
25) 2-Butanone	4.28	43	2166	1.04	ug/l	97
29) Tetrahydrofuran	4.65	42	1074	0.86	ug/l #	78
30) Chloroform	4.69	83	4545	1.05	ug/l	94
31) Cyclohexane	4.99	56	4113	1.81	ug/l #	13
36) 1,1-Dichloropropene	4.99	75	13677	4.13	ug/l #	50
38) Carbon Tetrachloride	4.99	117	19384	5.43	ug/l #	16
43) Isopropyl Acetate	5.79	43	29498	4.98	ug/l #	62
44) Trichloroethene	6.19	130	744	0.27	ug/l	99
47) Bromodichloromethane	6.76	83	1148	0.34	ug/l #	88
51) 4-Methyl-2-Pentanone	7.47	43	1264	0.33	ug/l #	79
68) m/p-Xylenes	9.38	106	1830	0.40	ug/l	93
69) o-Xylene	9.79	106	934	0.21	ug/l	92
74) N-ethyl acetate	9.99	43	703	1.42	ug/l #	43
76) 1,2,3-Trichloropropane	10.31	75	82055	27.63	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	82055	70.54	ug/l #	100
88) 1,4-Dichlorobenzene	11.52	146	81	1.50	ug/l #	25
90) Hexachloroethane	12.36	117	751	0.45	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.51	180	76	3.30	ug/l #	20
95) Naphthalene	13.75	128	163903	16.96	ug/l	99
96) 1,2,3-Trichlorobenzene	13.98	180	210	2.59	ug/l #	52

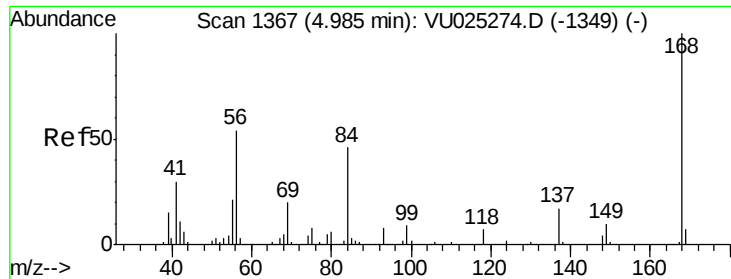
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

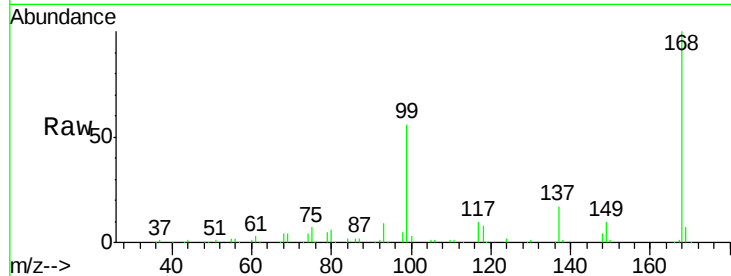
CS-RBR-200031

Tot Ion:168 Resp: 193734

Ion Ratio Lower Upper

168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

60000

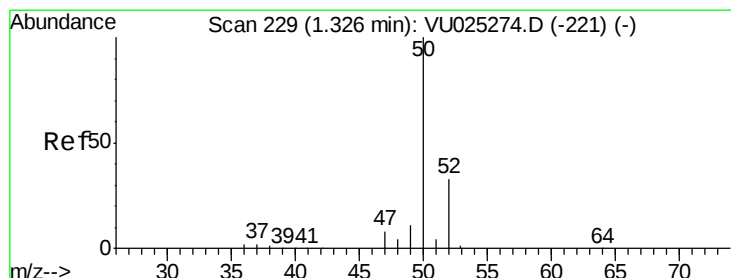
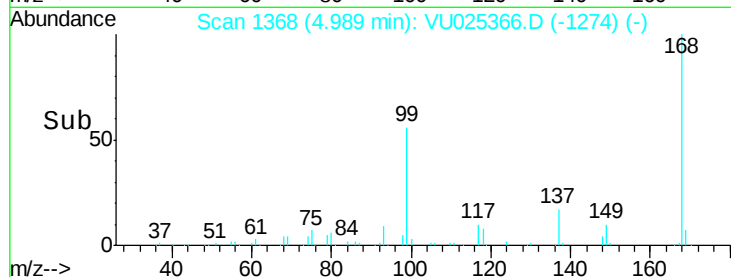
40000

20000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.76 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025366.D

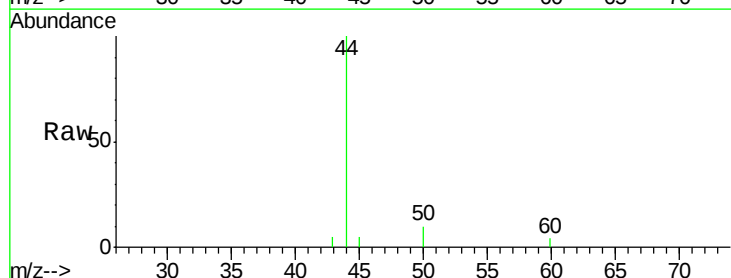
Acq: 13 Jul 2018 02:50

Tgt Ion: 50 Resp: 395

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025274.D (-221) (-)

1.33

400

300

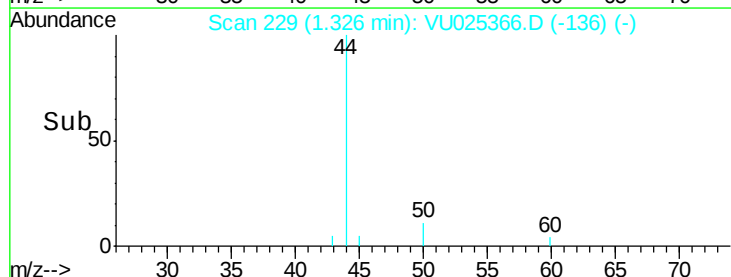
200

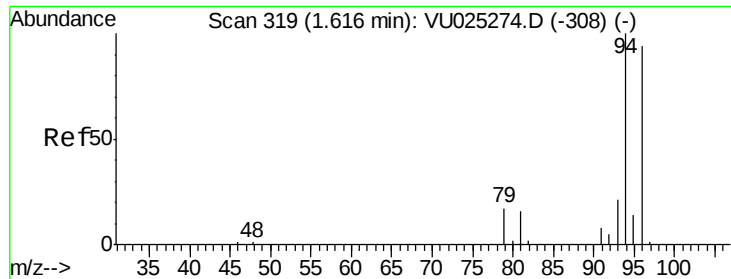
100

0

1.30 1.32 1.34 1.36

Time-->

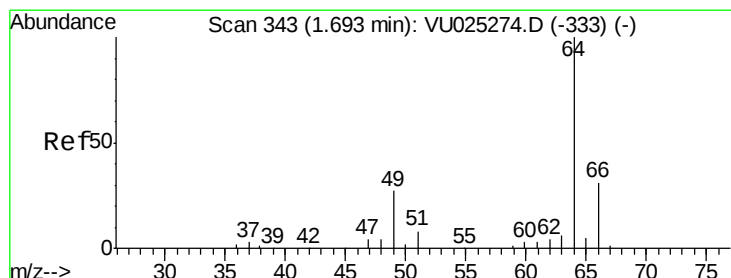
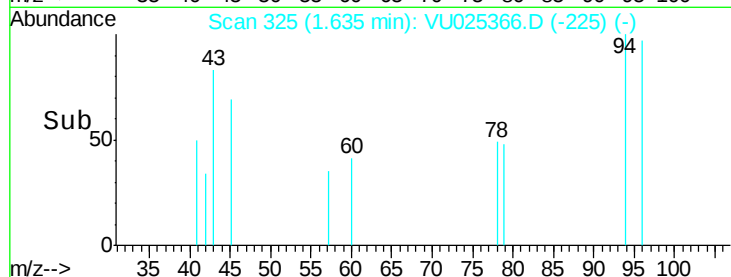
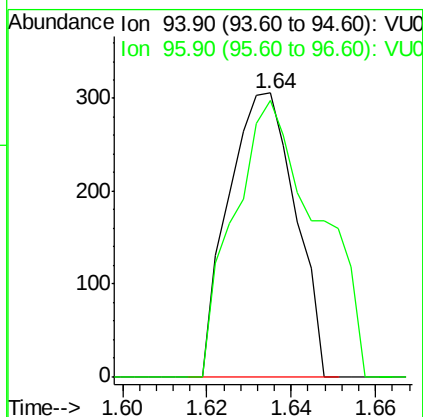
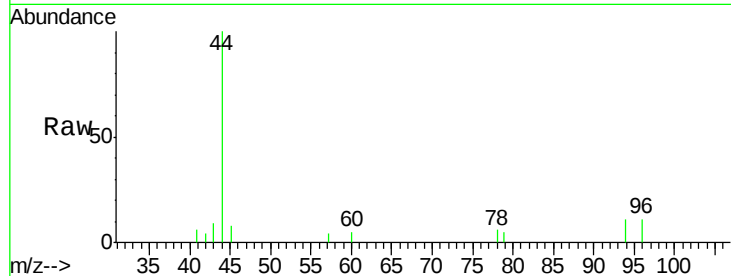




#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 325
Delta R.T. 0.02 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

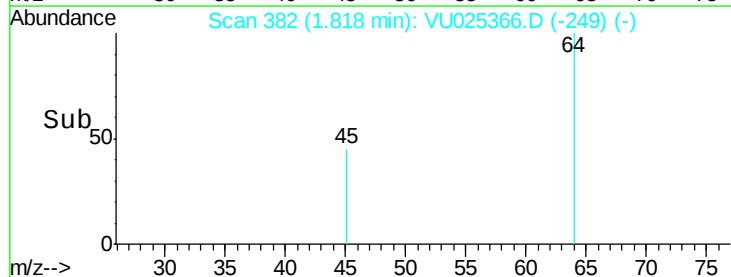
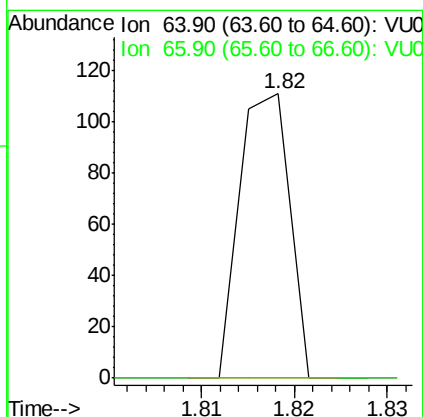
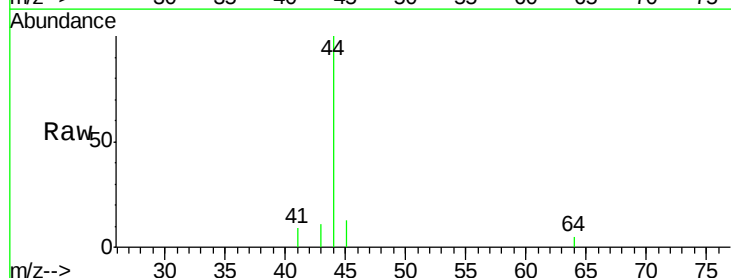
Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

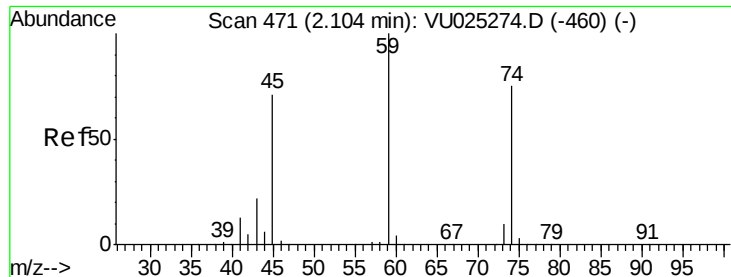
Tot Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 97.4 75.0 112.4



#6
Chloroethane
Concen: 0.32 ug/l
RT: 1.82 min Scan# 382
Delta R.T. 0.13 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#8

Diethyl Ether

Concen: 1.41 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

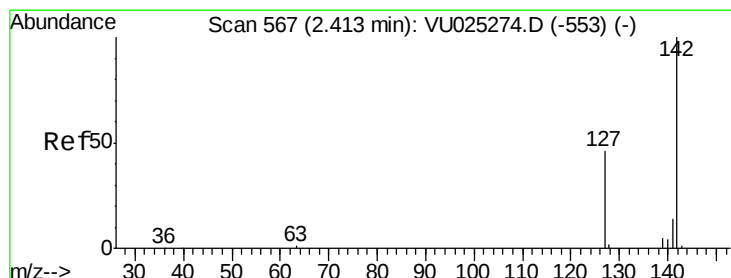
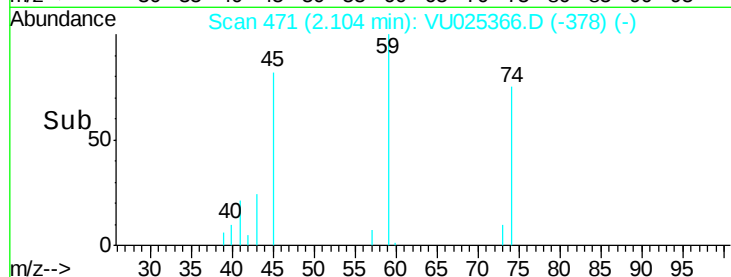
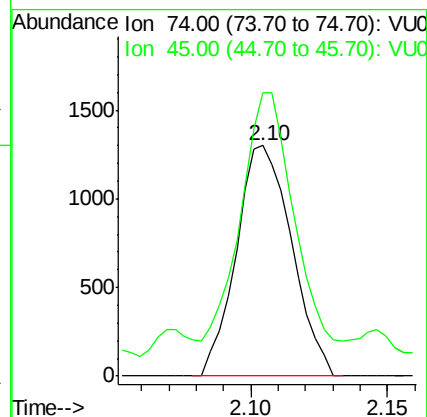
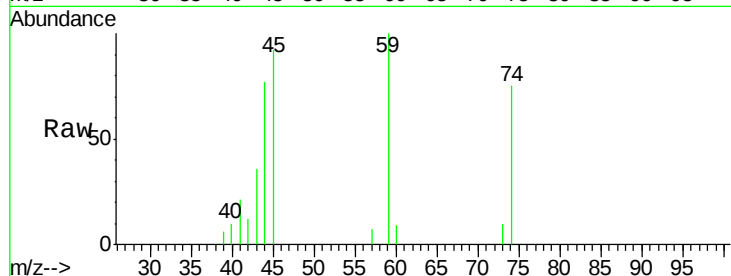
CS-RBR-200031

Tot Ion: 74 Resp: 1830

Ion Ratio Lower Upper

74 100

45 100.2 48.3 144.9



#10

Methyl Iodide

Concen: 7.75 ug/l

RT: 2.42 min Scan# 570

Delta R.T. 0.01 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

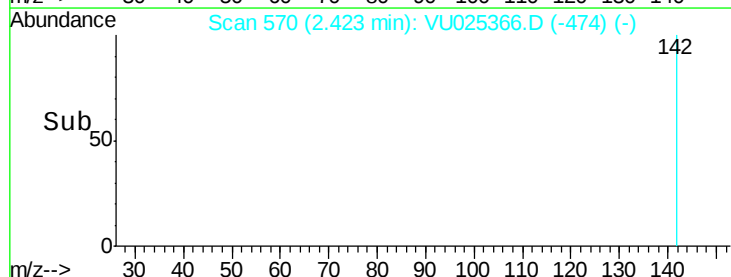
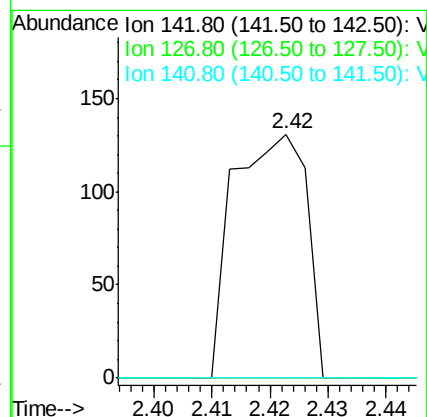
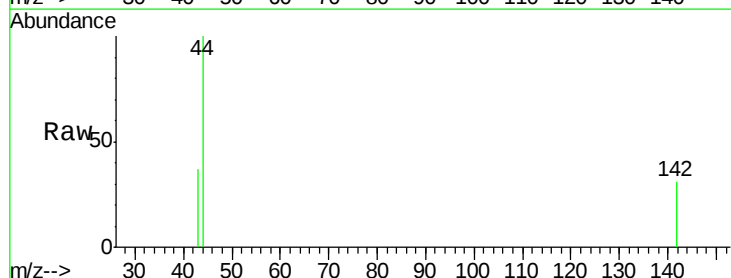
Tgt Ion: 142 Resp: 114

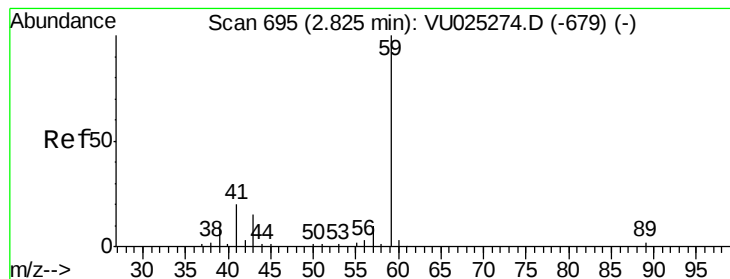
Ion Ratio Lower Upper

142 100

127 0.0 36.5 54.7#

141 0.0 11.4 17.2#



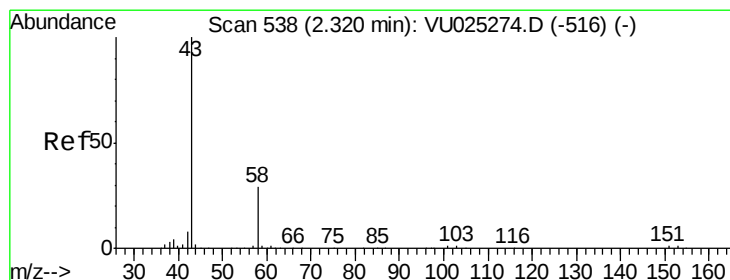
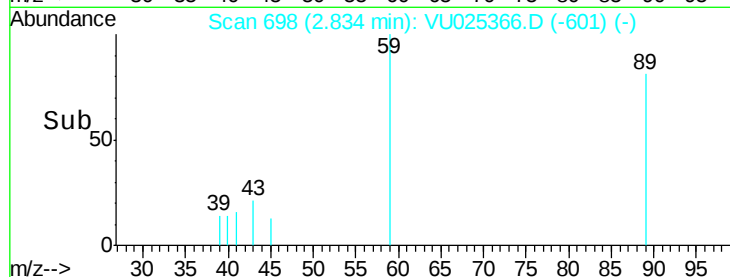
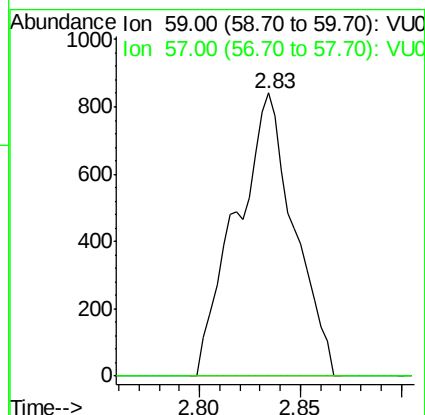
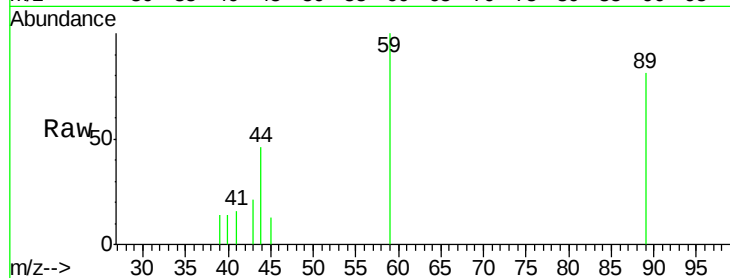


#11

Tert butyl alcohol
 Concen: 2.56 ug/l
 RT: 2.83 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CS-RBR-200031

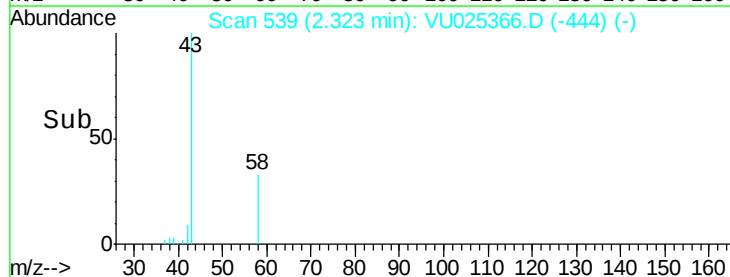
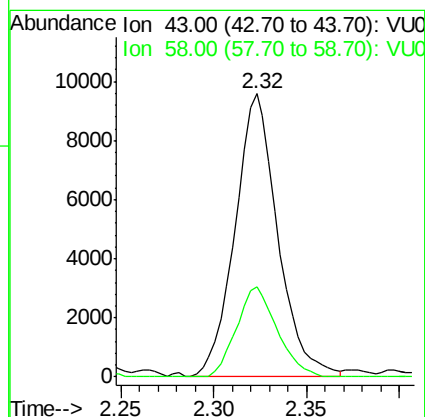
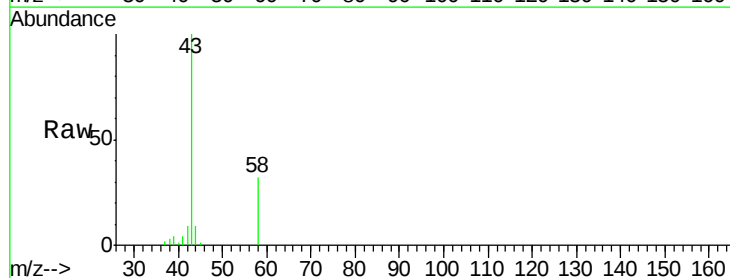
Tot Ion: 59 Resp: 1683
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

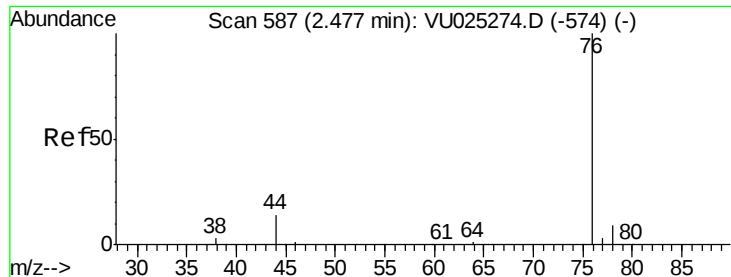


#16

Acetone
 Concen: 14.66 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

Tgt Ion: 43 Resp: 15341
 Ion Ratio Lower Upper
 43 100
 58 31.9 23.1 34.7





#17

Carbon Disulfide

Concen: 1.96 ug/l

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

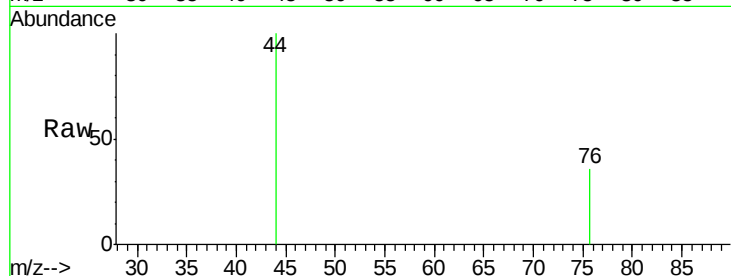
CS-RBR-200031

Tot Ion: 76 Resp: 157

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.47

2.48

2.49

2.50

2.51

2.52

2.53

2.54

2.55

2.56

2.57

2.58

2.59

2.60

2.61

2.62

2.63

2.64

2.65

2.66

2.67

2.68

2.69

2.70

2.71

2.72

2.73

2.74

2.75

2.76

2.77

2.78

2.79

2.80

2.81

2.82

2.83

2.84

2.85

2.86

2.87

2.88

2.89

2.90

2.91

2.92

2.93

2.94

2.95

2.96

2.97

2.98

2.99

3.00

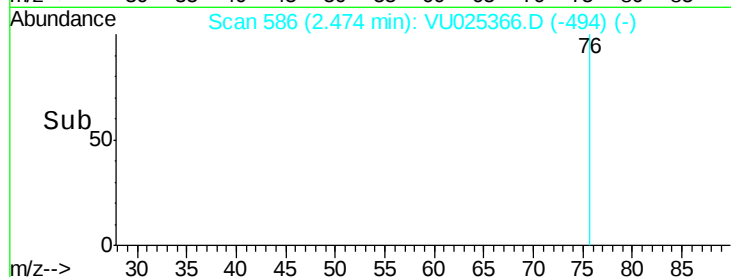
3.01

3.02

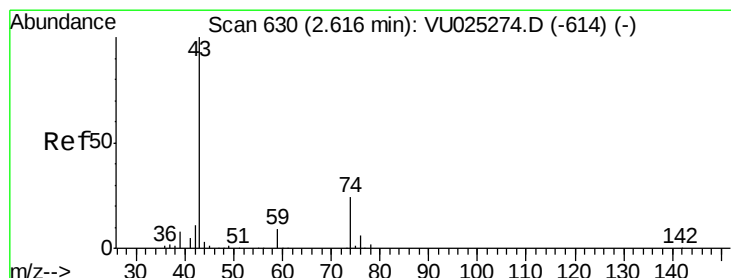
3.03

3.04

3.05



Time-->



#18

Methyl Acetate

Concen: 5.77 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025366.D

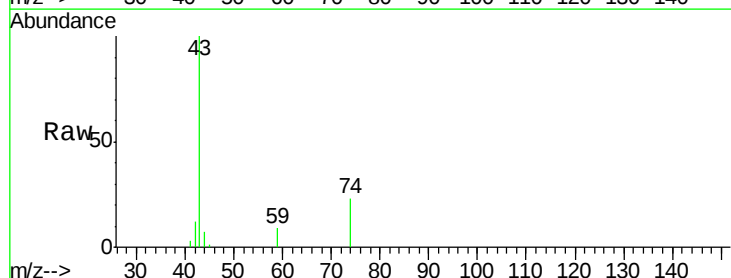
Acq: 13 Jul 2018 02:50

Tgt Ion: 43 Resp: 17773

Ion Ratio Lower Upper

43 100

74 21.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

2.63

2.64

2.65

2.66

2.67

2.68

2.69

2.70

2.71

2.72

2.73

2.74

2.75

2.76

2.77

2.78

2.79

2.80

2.81

2.82

2.83

2.84

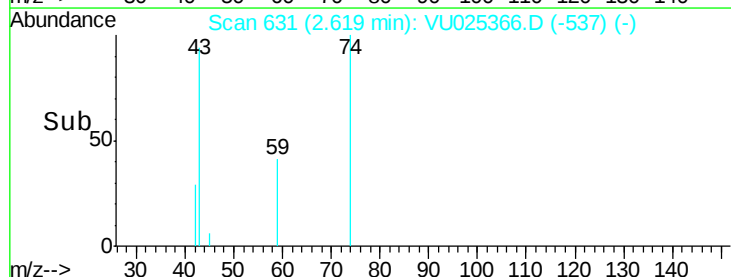
2.85

2.86

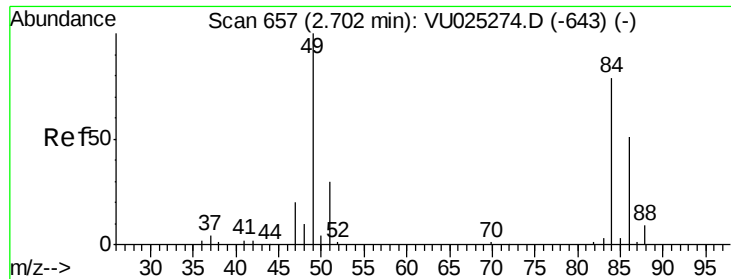
2.87

2.88

2.89



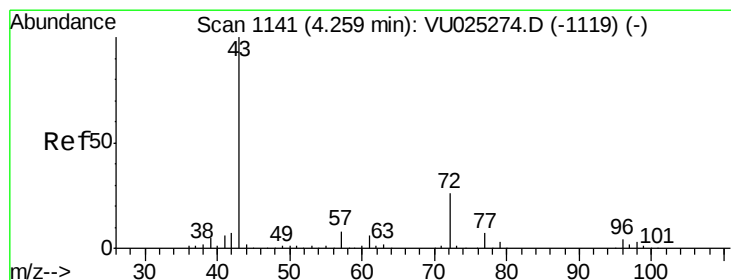
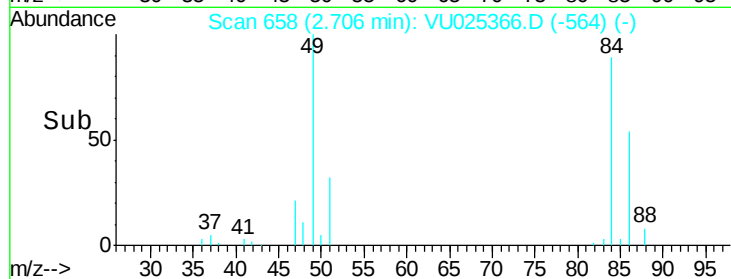
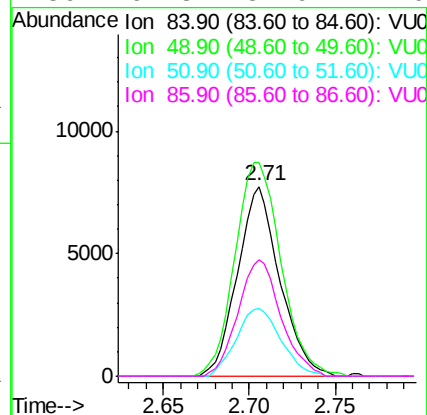
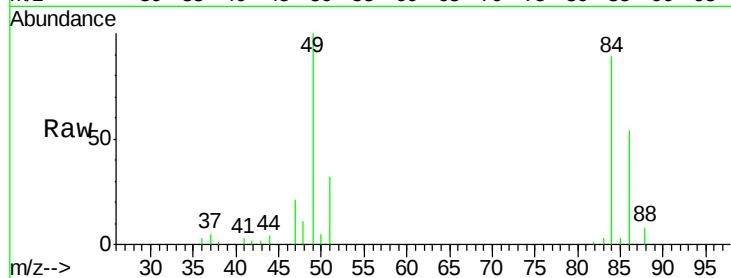
Time-->



#20
Methvlene Chloride
Concen: 6.28 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

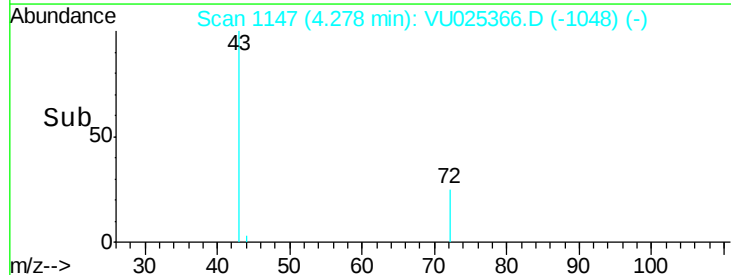
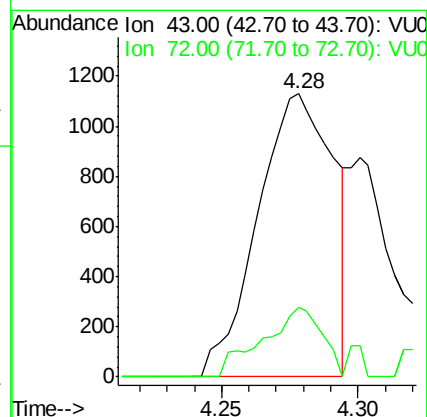
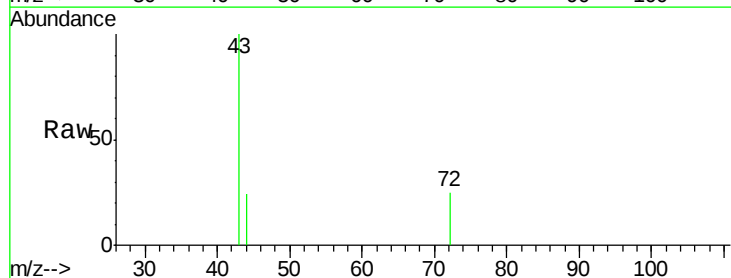
Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

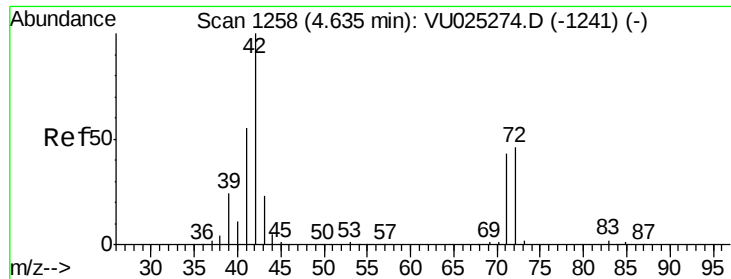
Tot Ion: 84 Resp: 13206
Ion Ratio Lower Upper
84 100
49 112.5 101.8 152.6
51 35.4 30.8 46.2
86 61.3 51.9 77.9



#25
2-Butanone
Concen: 1.04 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. 0.02 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion: 43 Resp: 2166
Ion Ratio Lower Upper
43 100
72 24.7 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.86 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. 0.02 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

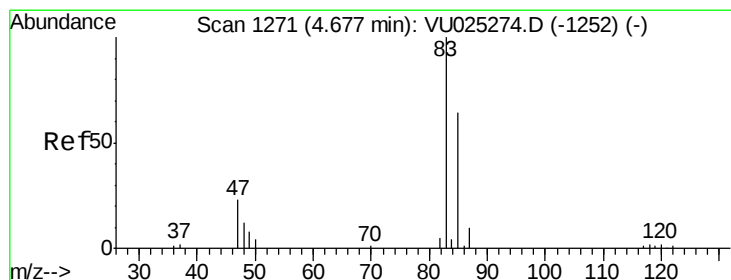
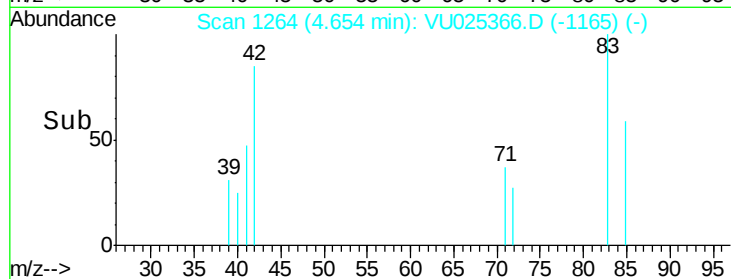
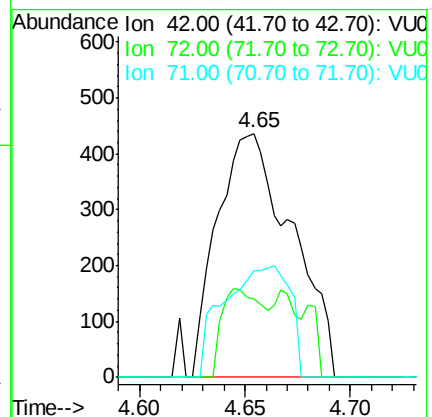
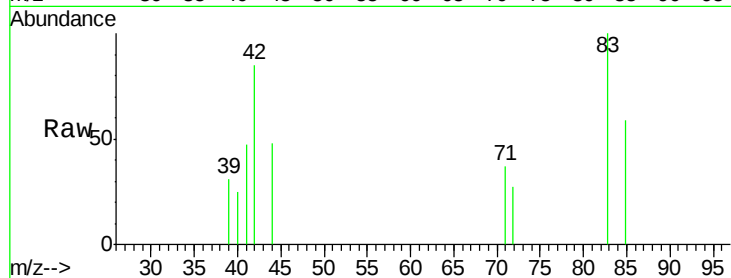
Tot Ion: 42 Resp: 1074

Ion Ratio Lower Upper

42 100

72 19.6 36.7 55.1#

71 40.5 33.9 50.9



#30

Chloroform

Concen: 1.05 ug/l

RT: 4.69 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VU025366.D

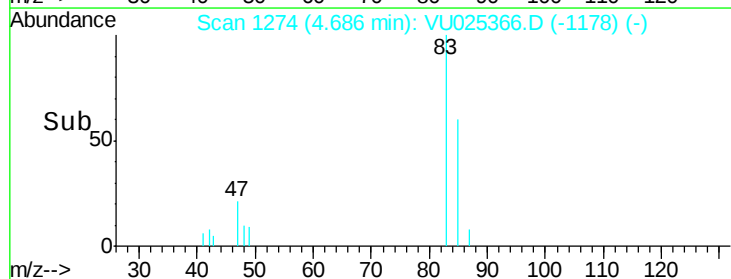
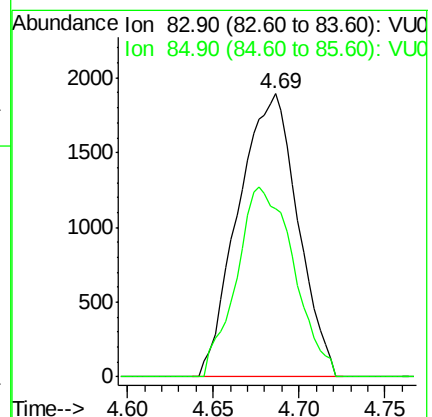
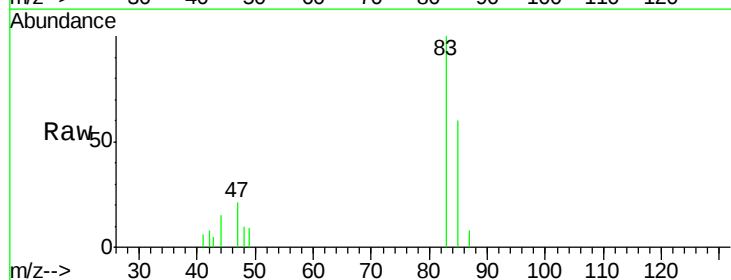
Acq: 13 Jul 2018 02:50

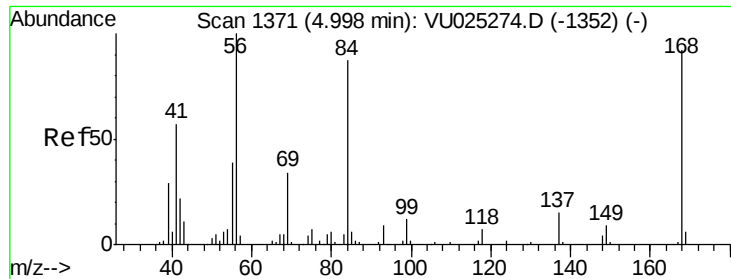
Tgt Ion: 83 Resp: 4545

Ion Ratio Lower Upper

83 100

85 59.6 51.5 77.3

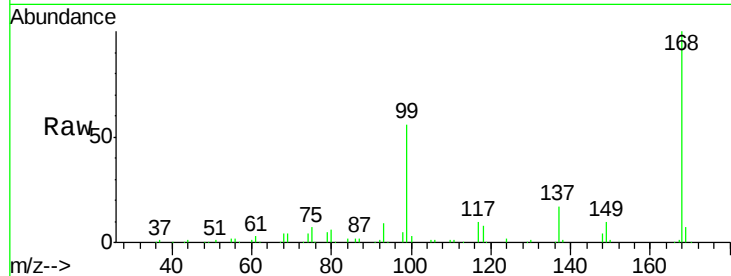




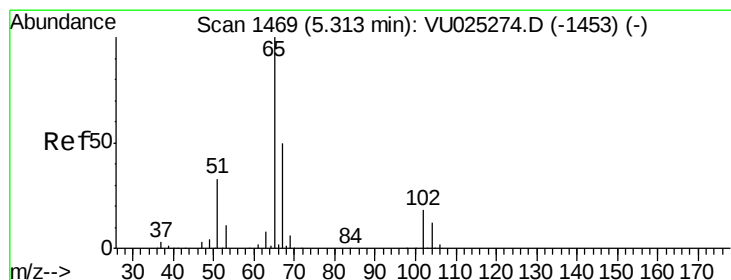
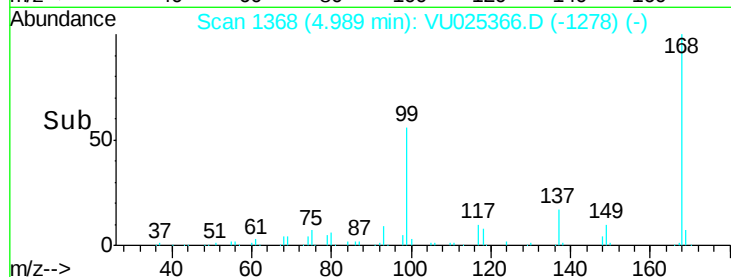
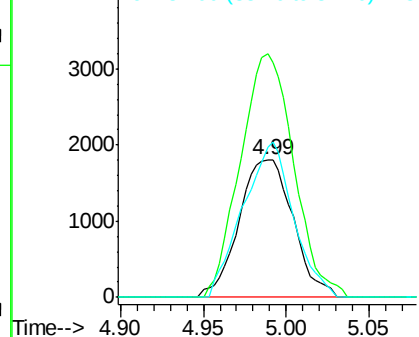
#31
Cyclohexane
Concen: 1.81 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

Tot Ion: 56 Resp: 4113
Ion Ratio Lower Upper
56 100
69 176.8 26.8 40.2#
84 108.6 69.7 104.5#

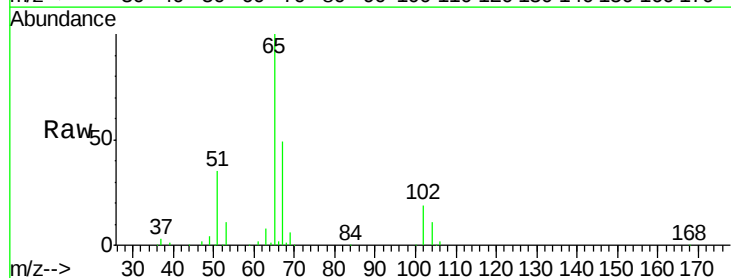


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

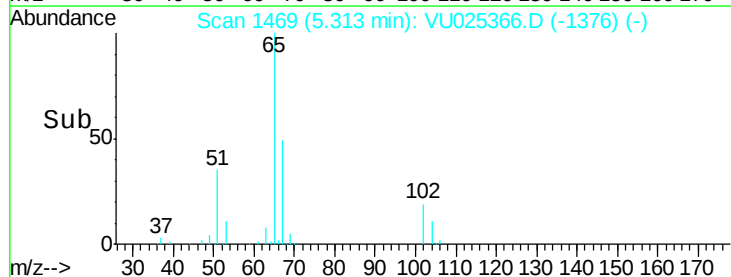
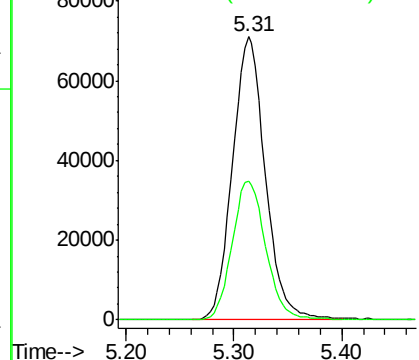


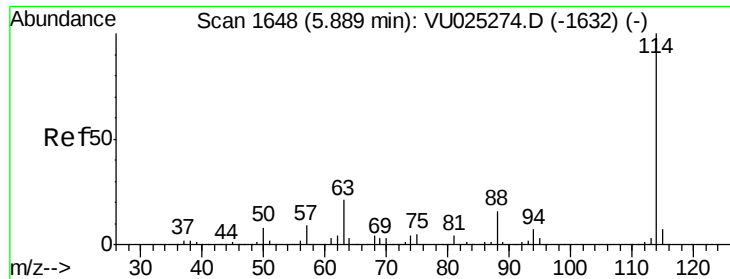
#33
1,2-Dichloroethane-d4
Concen: 50.04 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion: 65 Resp: 150602
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.6



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

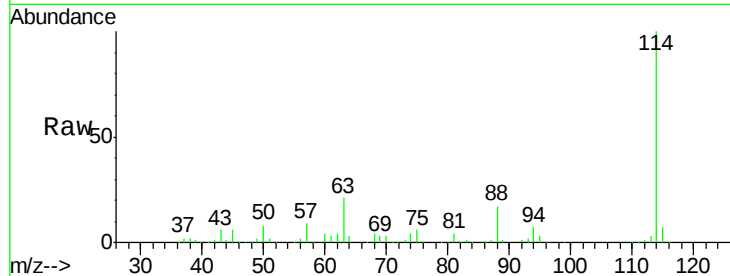




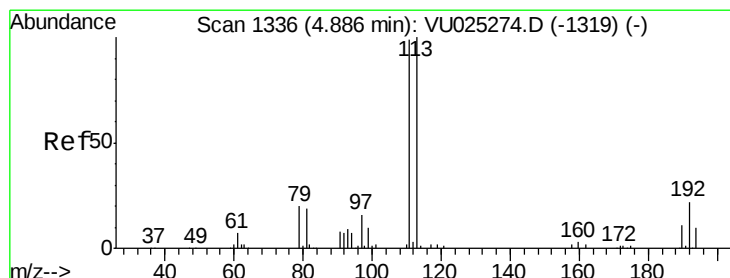
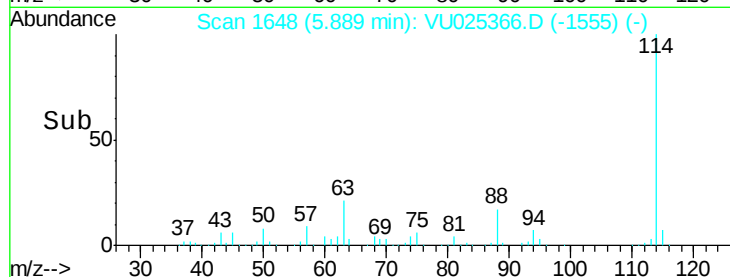
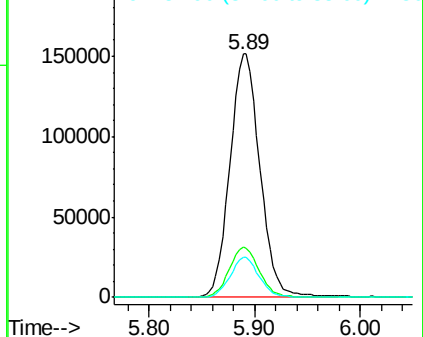
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CS-RBR-200031

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.6
88	16.5	0.0	32.4

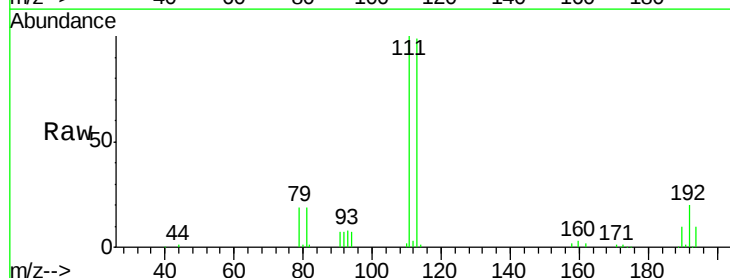


Abundance Ion 113.90 (113.60 to 114.60): V

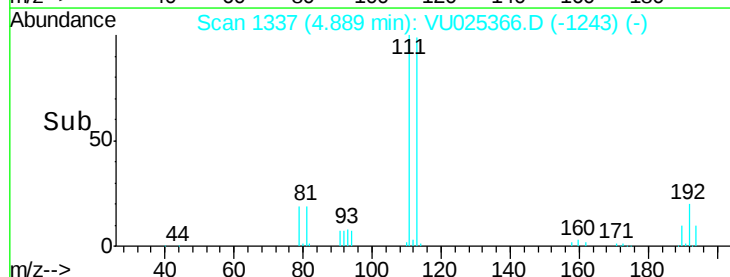
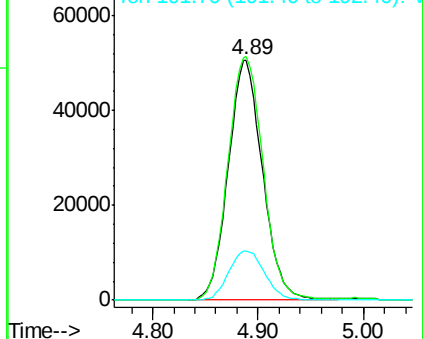


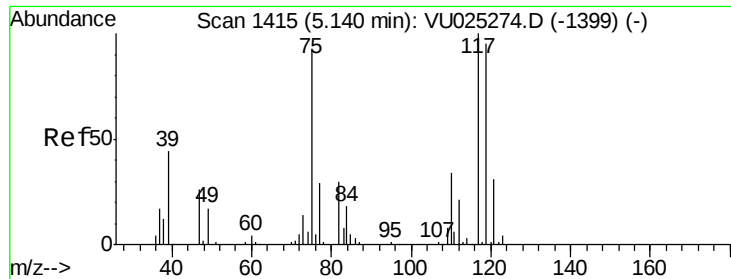
#35
 Dibromofluoromethane
 Concen: 45.42 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025366.D
 Acq: 13 Jul 2018 02:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.7	122.5
192	21.4	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V





#36

1,1-Dichloropropene

Concen: 4.13 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

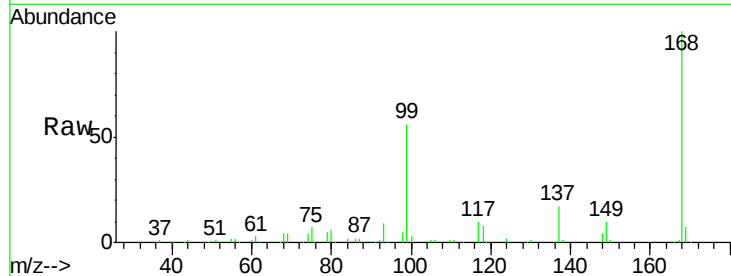
Tot Ion: 75 Resp: 13677

Ion Ratio Lower Upper

75 100

110 9.2 17.6 52.9#

77 0.0 24.4 36.6#

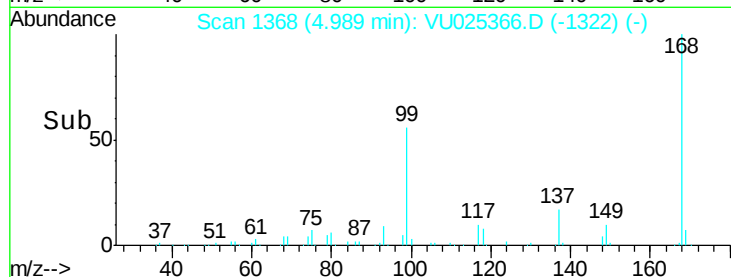


Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-1399) (-)

Ion 109.90 (109.60 to 110.60): VU025274.D (-1399) (-)

Ion 76.90 (76.60 to 77.60): VU025274.D (-1399) (-)

Time-->

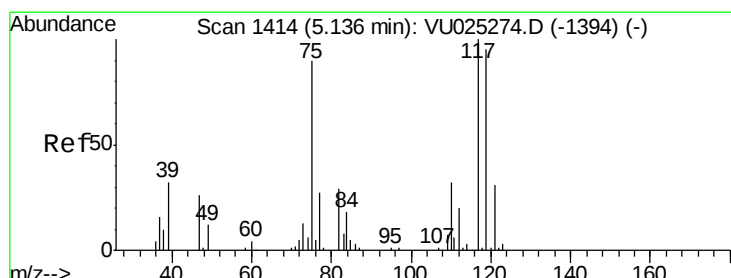


Abundance Ion 74.90 (74.60 to 75.60): VU025366.D (-1322) (-)

Ion 109.90 (109.60 to 110.60): VU025366.D (-1322) (-)

Ion 76.90 (76.60 to 77.60): VU025366.D (-1322) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.43 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

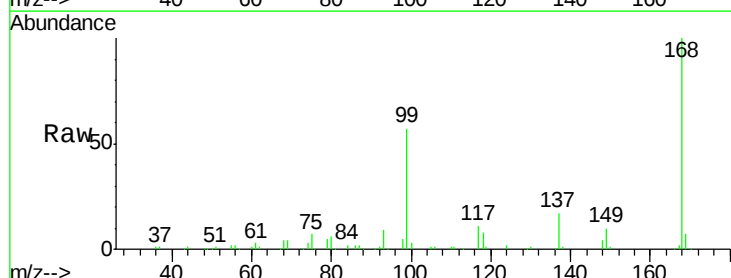
Tgt Ion: 117 Resp: 19384

Ion Ratio Lower Upper

117 100

119 4.8 75.7 113.5#

121 0.0 24.6 36.8#

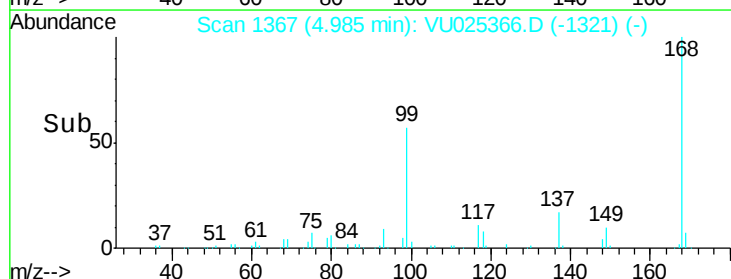


Abundance Ion 116.80 (116.50 to 117.50): VU025274.D (-1394) (-)

Ion 118.80 (118.50 to 119.50): VU025274.D (-1394) (-)

Ion 120.80 (120.50 to 121.50): VU025274.D (-1394) (-)

Time-->

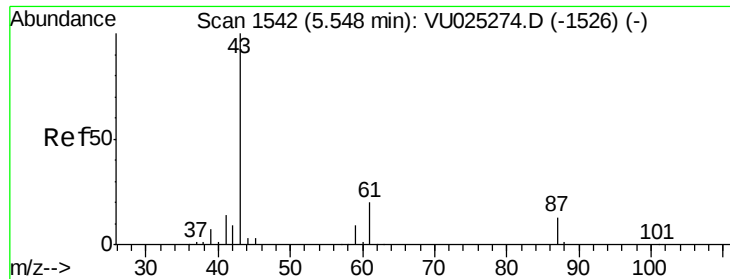


Abundance Ion 116.80 (116.50 to 117.50): VU025366.D (-1321) (-)

Ion 118.80 (118.50 to 119.50): VU025366.D (-1321) (-)

Ion 120.80 (120.50 to 121.50): VU025366.D (-1321) (-)

Time-->



#43

Isopropyl Acetate

Concen: 4.98 ug/l

RT: 5.79 min Scan# 1618

Delta R.T. 0.24 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

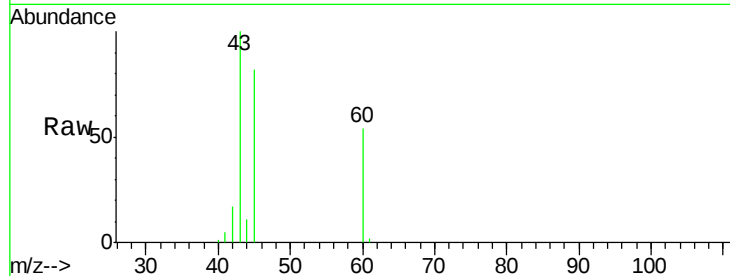
Tot Ion: 43 Resp: 29498

Ion Ratio Lower Upper

43 100

61 0.4 15.5 23.3#

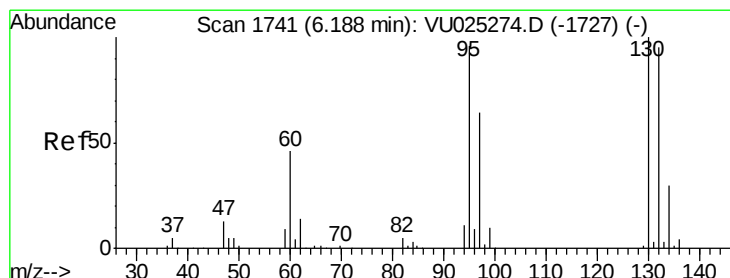
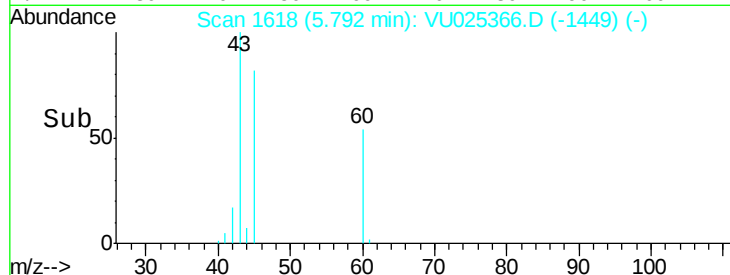
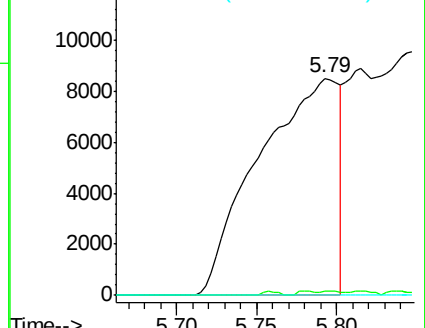
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1526) (-)

Ion 61.00 (60.70 to 61.70): VU025274.D (-1526) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-1526) (-)



#44

Trichloroethene

Concen: 0.27 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025366.D

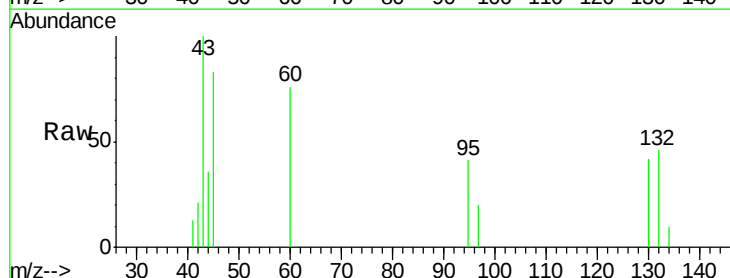
Acq: 13 Jul 2018 02:50

Tgt Ion: 130 Resp: 744

Ion Ratio Lower Upper

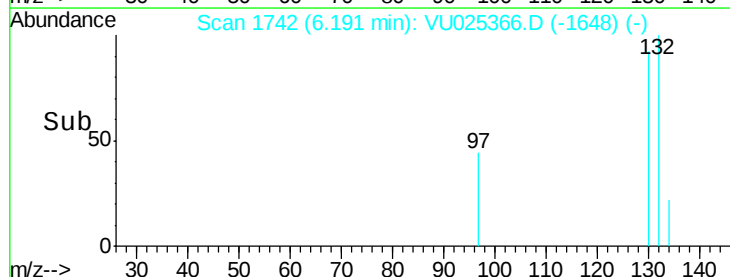
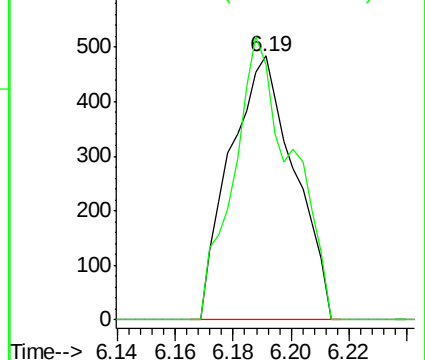
130 100

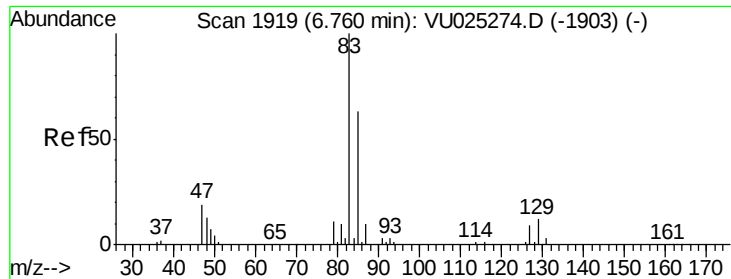
95 96.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025274.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025274.D (-1727) (-)





#47

Bromodichloromethane

Concen: 0.34 ug/l

RT: 6.76 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

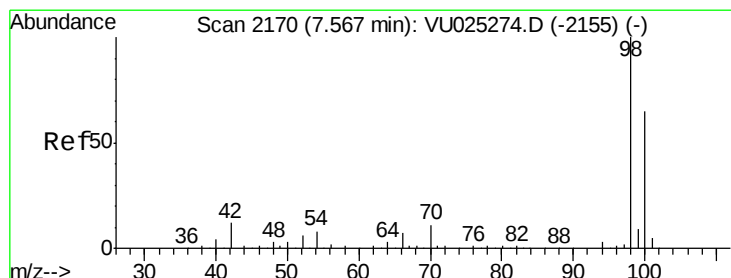
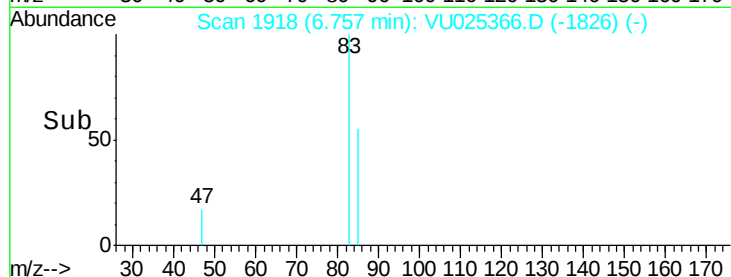
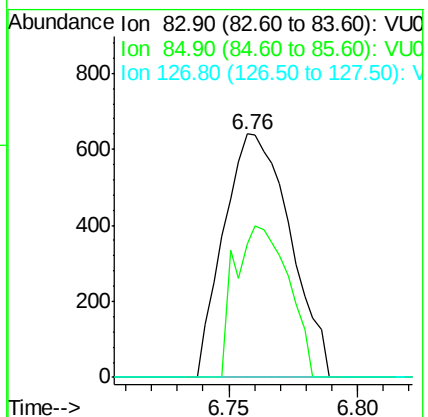
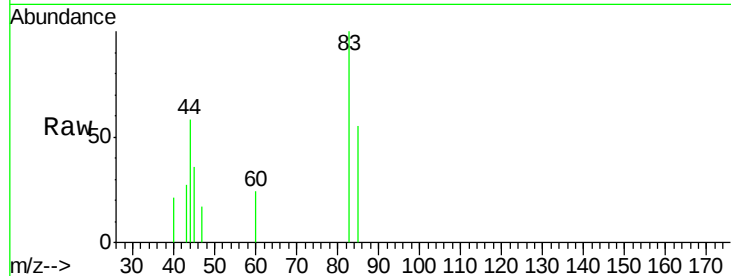
Tot Ion: 83 Resp: 1148

Ion Ratio Lower Upper

83 100

85 54.9 50.2 75.4

127 0.0 7.2 10.8#



#50

Toluene-d8

Concen: 49.17 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025366.D

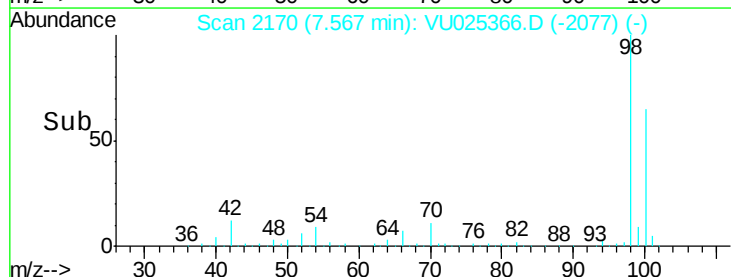
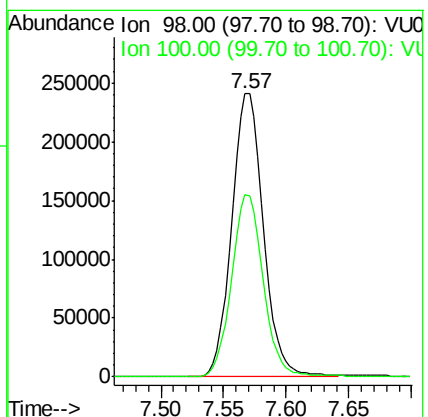
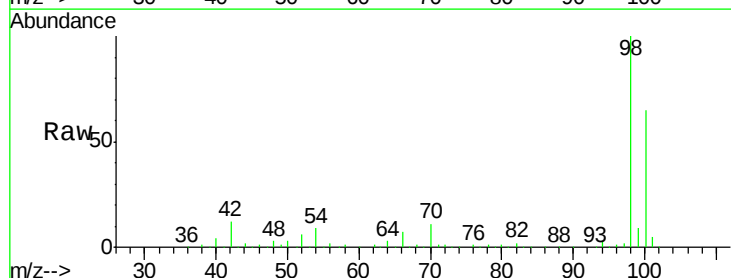
Acq: 13 Jul 2018 02:50

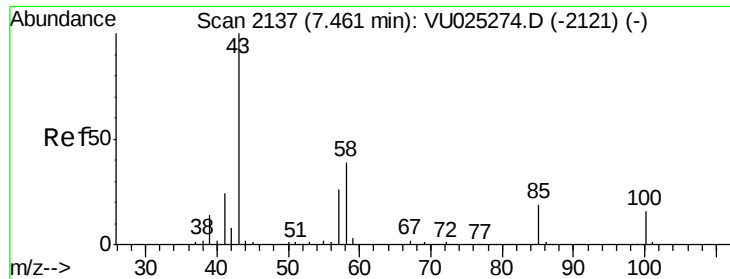
Tgt Ion: 98 Resp: 423541

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 0.33 ug/l

RT: 7.47 min Scan# 2140

Delta R.T. 0.01 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

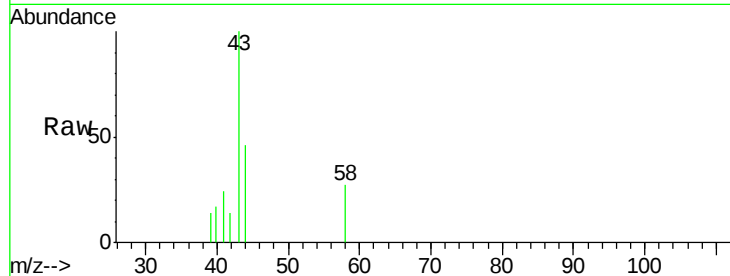
CS-RBR-200031

Tot Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

58 26.2 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.47

800

600

400

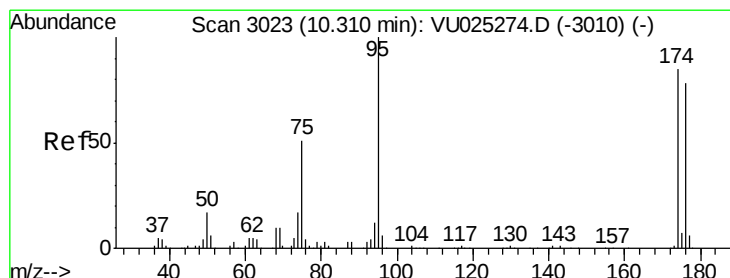
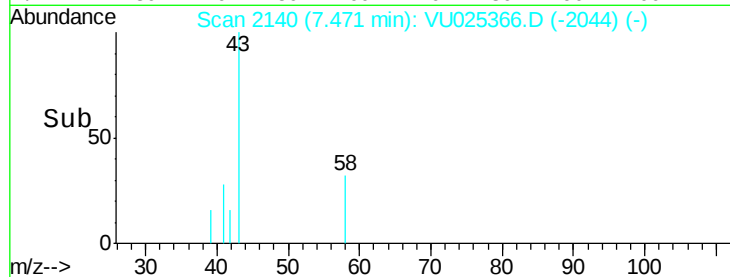
200

0

7.45

7.50

Time-->



#62

4-Bromofluorobenzene

Concen: 45.75 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

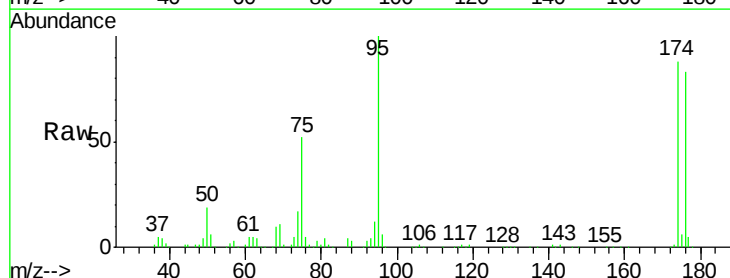
Tgt Ion: 95 Resp: 158685

Ion Ratio Lower Upper

95 100

174 85.5 0.0 172.2

176 83.3 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

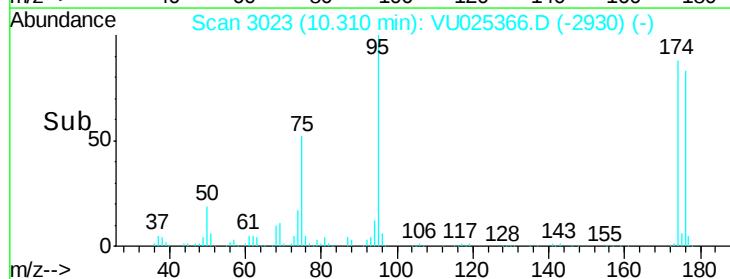
20000

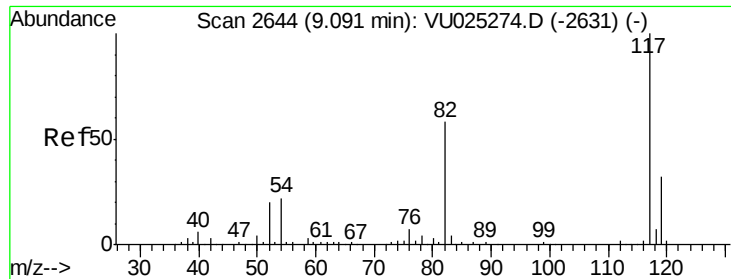
0

10.30

10.40

Time-->

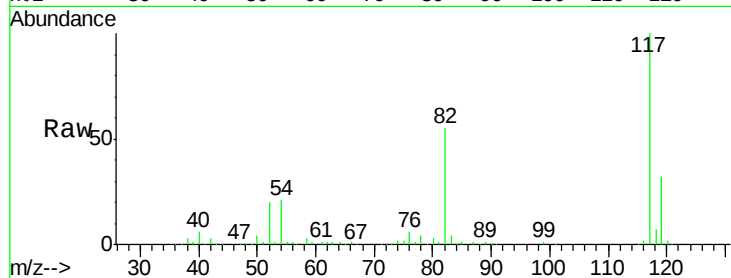




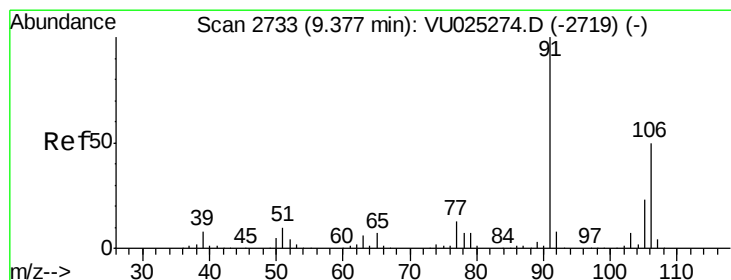
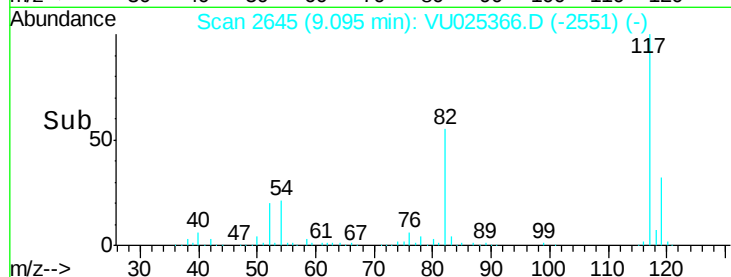
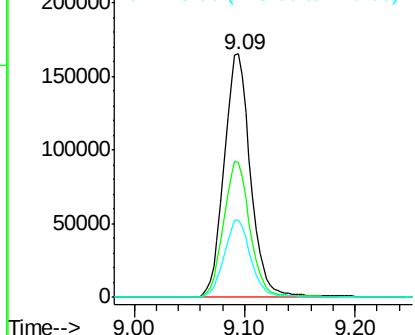
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

Tot Ion:117 Resp: 275720
Ion Ratio Lower Upper
117 100
82 55.2 46.0 69.0
119 31.8 26.0 39.0

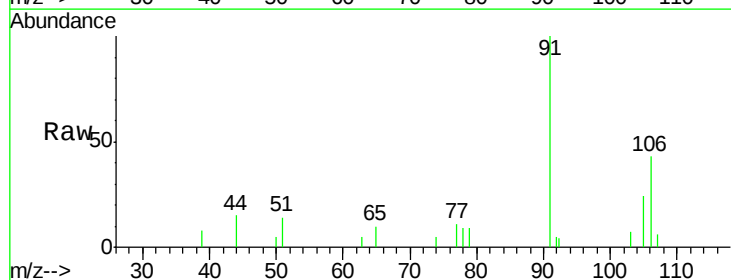


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

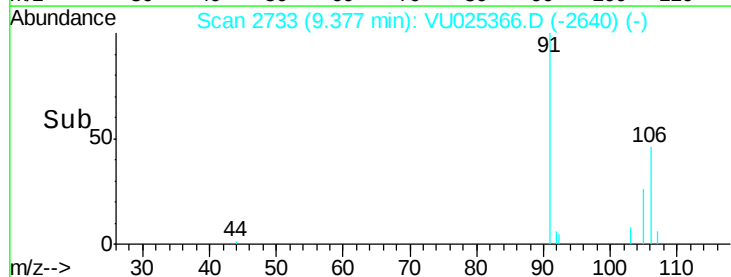
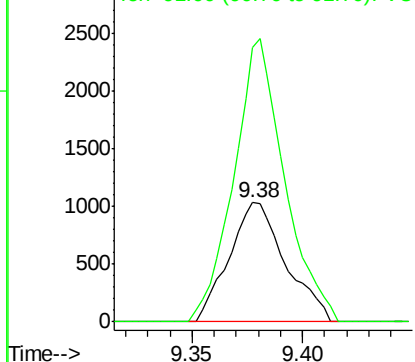


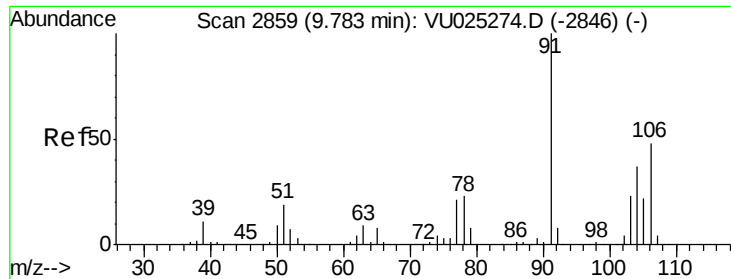
#68
m/p-Xylenes
Concen: 0.40 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion:106 Resp: 1830
Ion Ratio Lower Upper
106 100
91 213.3 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

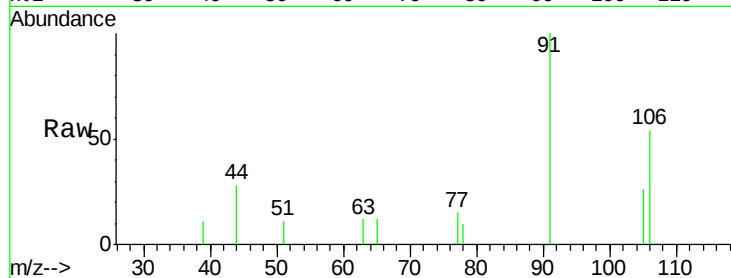




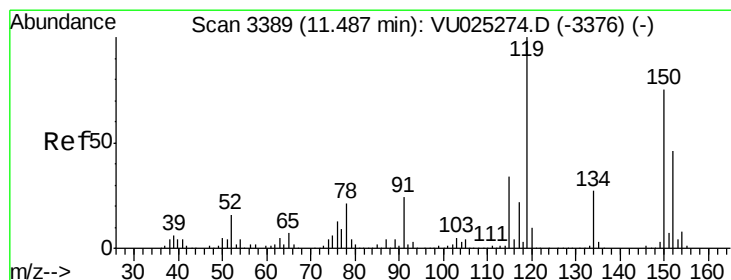
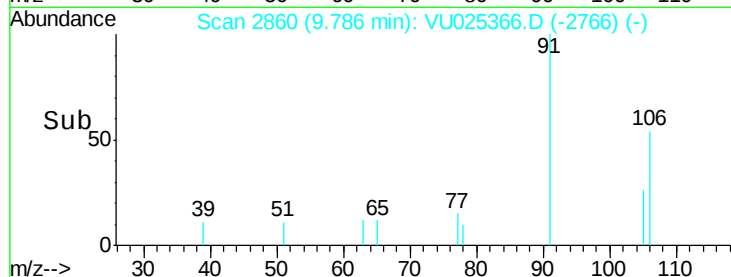
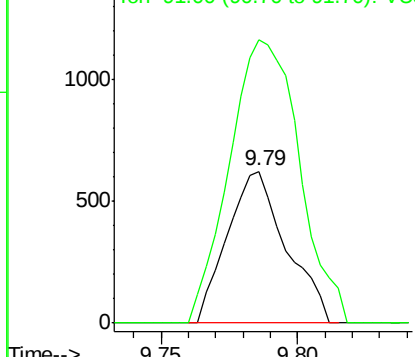
#69
o-Xylene
Concen: 0.21 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

Tot Ion:106 Resp: 934
Ion Ratio Lower Upper
106 100
91 222.4 105.3 315.8

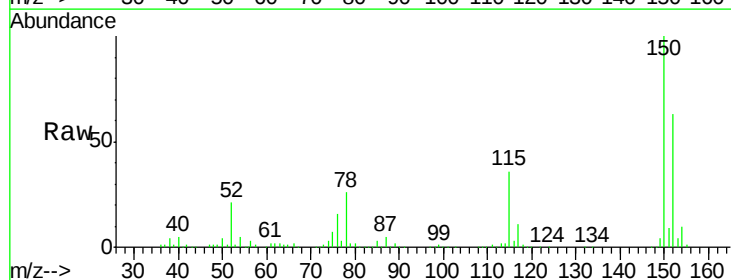


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

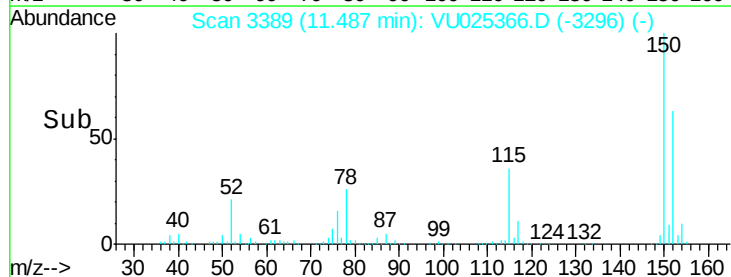
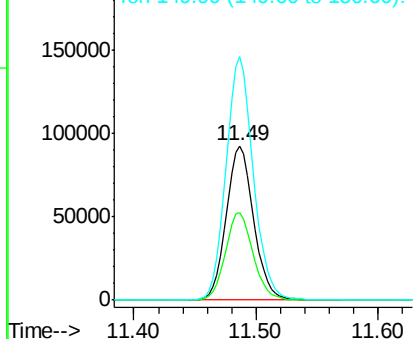


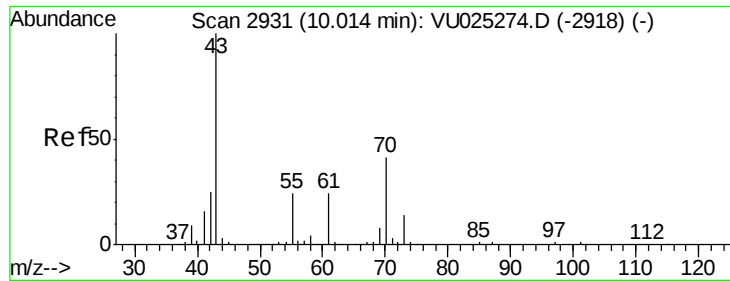
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion:152 Resp: 146009
Ion Ratio Lower Upper
152 100
115 57.4 40.1 120.3
150 157.3 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.42 ug/l

RT: 9.99 min Scan# 2924

Delta R.T. -0.02 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

Tot Ion: 43 Resp: 703

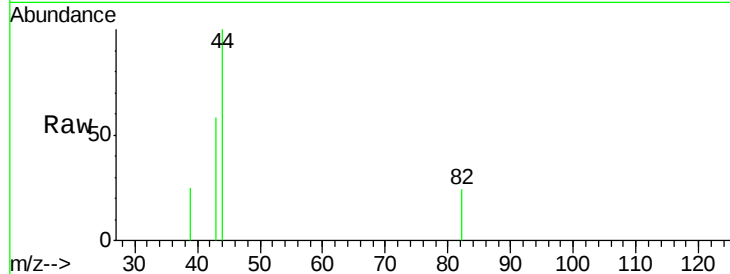
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 0.0 19.0 28.6#

61 0.0 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

400

300

200

100

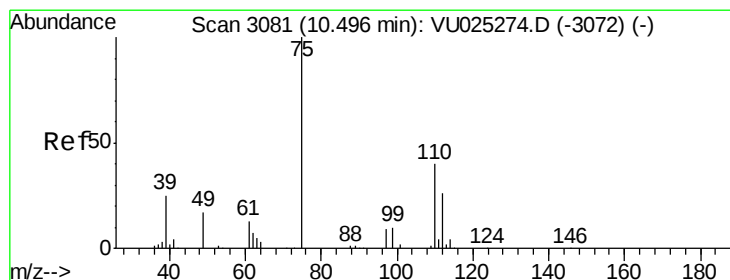
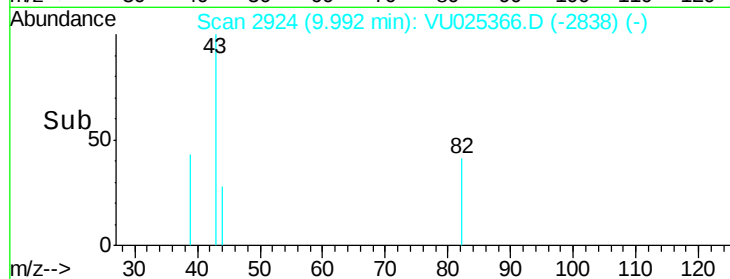
0

9.95

10.00

10.05

Time-->



#76

1,2,3-Trichloropropane

Concen: 27.63 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025366.D

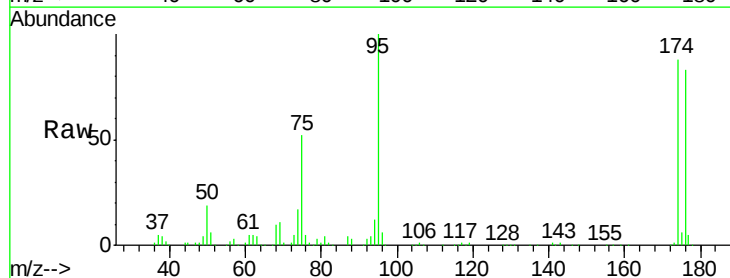
Acq: 13 Jul 2018 02:50

Tgt Ion: 75 Resp: 82055

Ion Ratio Lower Upper

75 100

77 1.0 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

60000

50000

40000

30000

20000

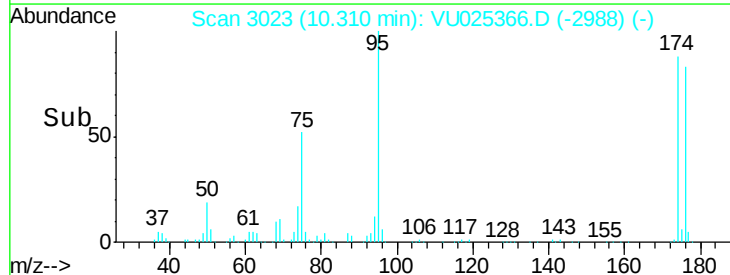
10000

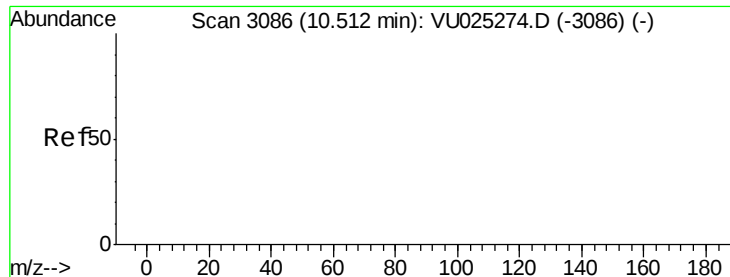
0

10.30

10.40

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 70.54 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CS-RBR-200031

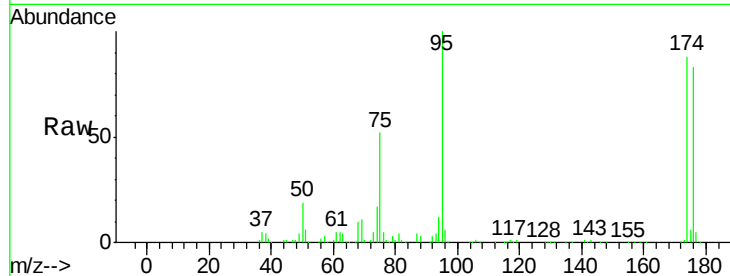
Tot Ion: 75 Resp: 82055

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

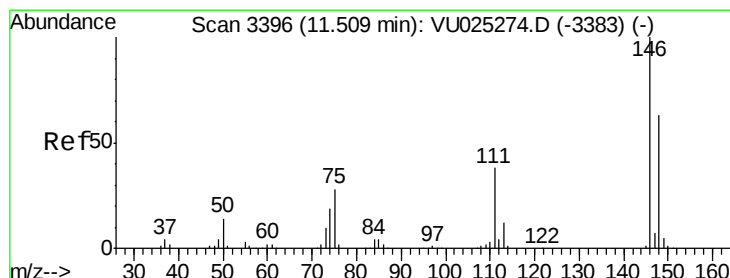
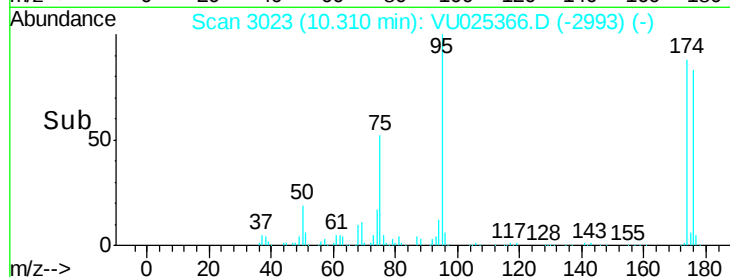
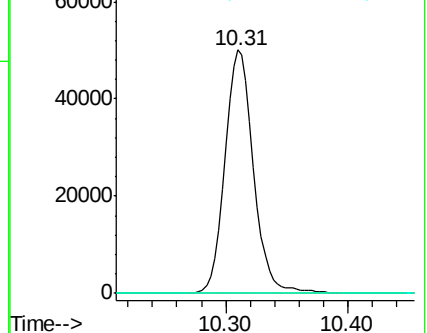
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU025274.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU025274.D (-3086) (-)



#88

1,4-Dichlorobenzene

Concen: 1.50 ug/l

RT: 11.52 min Scan# 3398

Delta R.T. 0.01 min

Lab File: VU025366.D

Acq: 13 Jul 2018 02:50

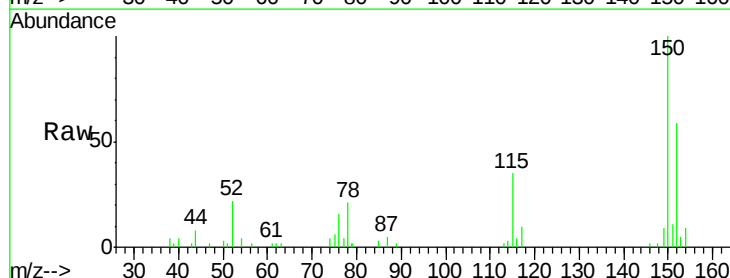
Tgt Ion: 146 Resp: 81

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.1#

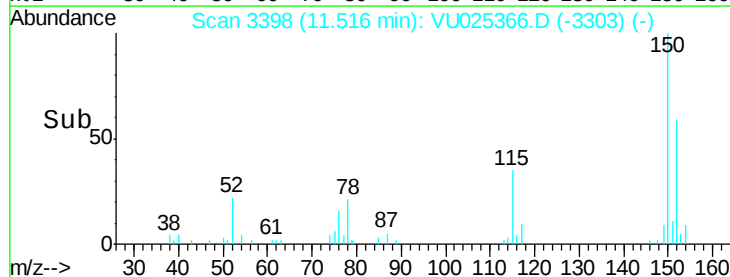
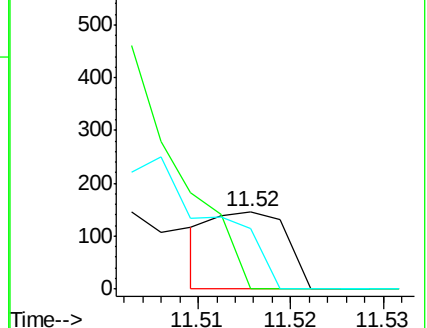
148 0.0 31.7 95.1#

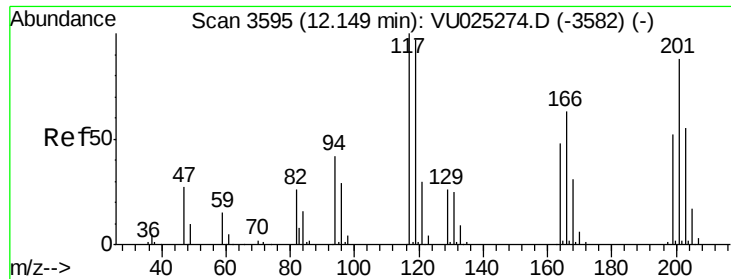


Abundance Ion 145.90 (145.60 to 146.60): VU025274.D (-3383) (-)

Ion 110.90 (110.60 to 111.60): VU025274.D (-3383) (-)

Ion 147.90 (147.60 to 148.60): VU025274.D (-3383) (-)

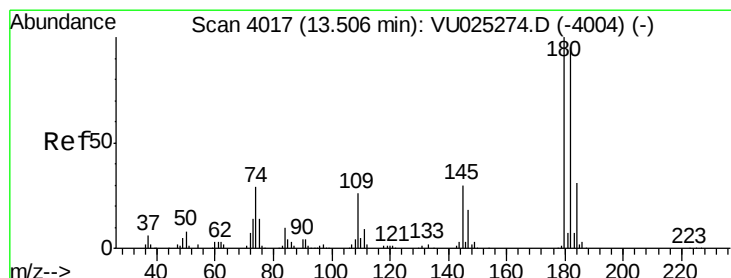
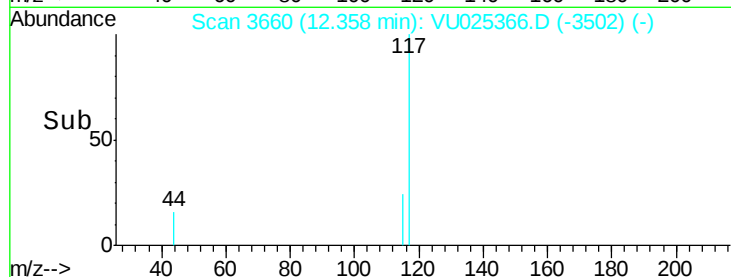
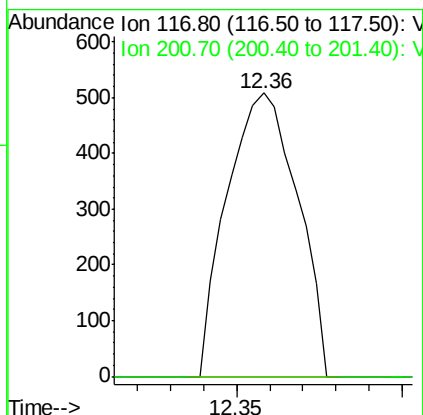
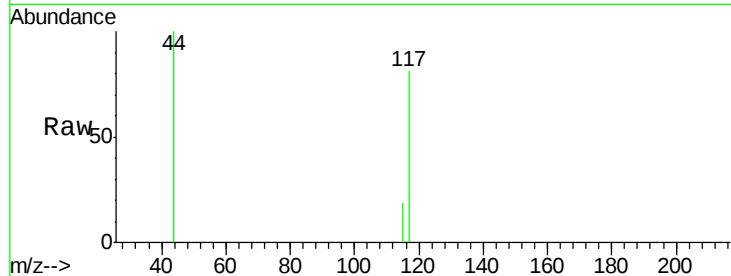




#90
Hexachloroethane
Concen: 0.45 ug/l
RT: 12.36 min Scan# 3660
Delta R.T. 0.21 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

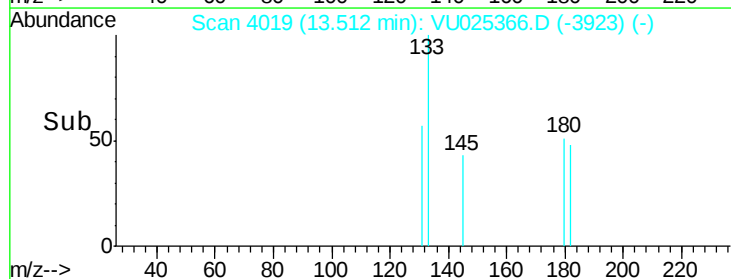
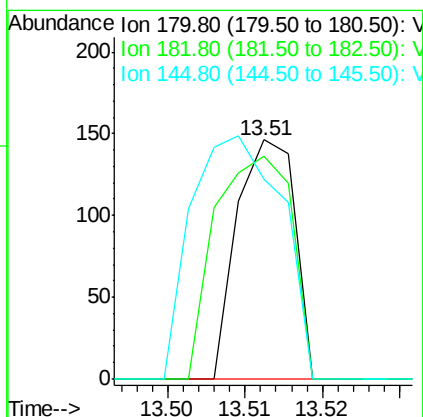
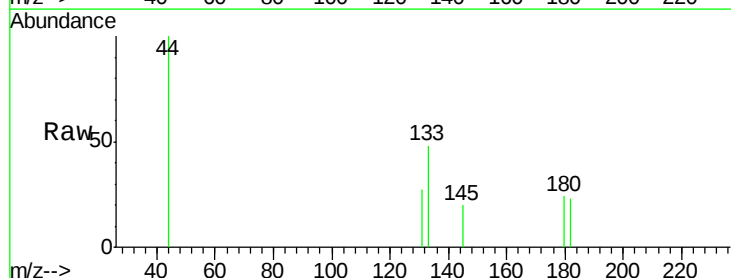
Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

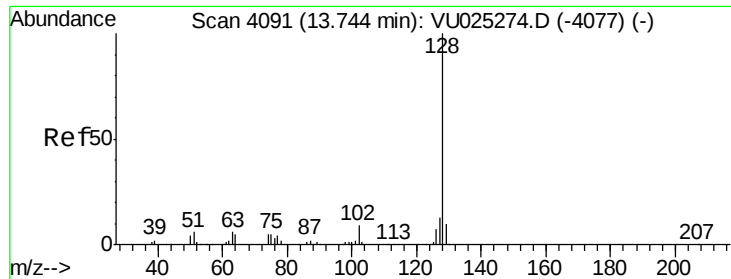
Tot Ion:117 Resp: 751
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#



#93
1,2,4-Trichlorobenzene
Concen: 3.30 ug/l
RT: 13.51 min Scan# 4019
Delta R.T. 0.01 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion:180 Resp: 76
Ion Ratio Lower Upper
180 100
182 123.7 47.3 141.9
145 159.2 14.9 44.7#

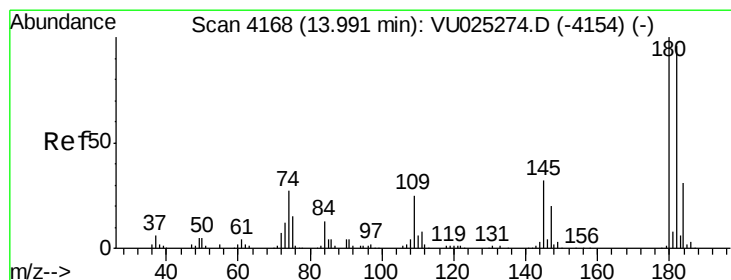
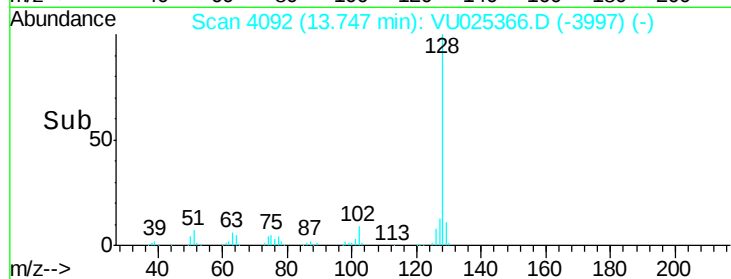
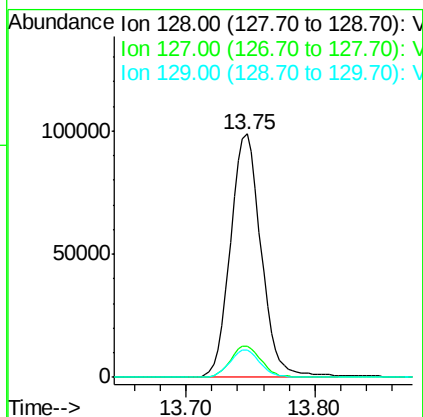
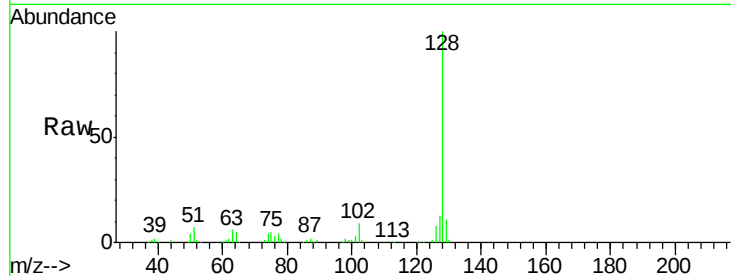




#95
Naphthalene
Concen: 16.96 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Instrument :
MSVOA_U
ClientSampleId :
CS-RBR-200031

Tot Ion:128 Resp: 163903
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.3 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 2.59 ug/l
RT: 13.98 min Scan# 4166
Delta R.T. -0.01 min
Lab File: VU025366.D
Acq: 13 Jul 2018 02:50

Tgt Ion:180 Resp: 210
Ion Ratio Lower Upper
180 100
182 51.4 47.8 143.3
145 0.0 15.6 46.8#

