

Data File : VX001279.D

Acq On : 01 May 2018 15:24

Operator : JC/MD

Sample : J2616-06 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ROBEL-1

Quant Time: May 02 02:02:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	116138	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
35) Dibromofluoromethane	5.51	113	95480	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
50) Toluene-d8	8.72	98	352046	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
62) 4-Bromofluorobenzene	11.14	95	115363	36.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.34%	

Target Compounds

						Qvalue
5) Bromomethane	1.66	94	469	Below Cal	#	79
6) Chloroethane	1.74	64	291	0.21	ug/l	100
10) Methyl Iodide	2.52	142	571	4.55	ug/l #	74
13) Acrolein	2.29	56	217	0.83	ug/l #	15
15) Acrylonitrile	3.16	53	771	0.73	ug/l	90
16) Acetone	2.45	43	3147	2.78	ug/l #	83
17) Carbon Disulfide	2.57	76	2162	0.43	ug/l #	87
18) Methyl Acetate	2.78	43	4448	1.66	ug/l	95
20) Methylene Chloride	2.86	84	31793	14.42	ug/l	97
21) trans-1,2-Dichloroethene	3.18	96	456	0.22	ug/l #	63
25) 2-Butanone	4.71	43	826	0.54	ug/l #	86
29) Tetrahydrofuran	5.18	42	613	0.65	ug/l #	75
38) Carbon Tetrachloride	5.67	117	16334	5.29	ug/l #	17
68) m/p-Xylenes	10.37	106	1430	0.37	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	58811	25.96	ug/l #	39
78) n-propylbenzene	11.37	91	2131	0.23	ug/l	95
79) 2-Chlorotoluene	11.43	91	1302	0.24	ug/l	72
80) 1,3,5-Trimethylbenzene	11.51	105	3907	0.57	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	58811	81.51	ug/l #	6
82) 4-Chlorotoluene	11.51	91	1637	0.25	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	5696	0.81	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	1113	0.25	ug/l	92
88) 1,4-Dichlorobenzene	12.03	146	1113	0.24	ug/l	92
89) n-Butylbenzene	12.39	91	2595	0.39	ug/l #	68
90) Hexachloroethane	12.62	117	314	0.29	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	157	0.32	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1540	0.44	ug/l #	90
94) Hexachlorobutadiene	13.79	225	612	0.33	ug/l	79
95) Naphthalene	13.84	128	220735	24.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1055	0.30	ug/l #	81

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

Data File : VX001279.D

Acq On : 01 May 2018 15:24

Operator : JC/MD

Sample : J2616-06 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 12 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample ID :

ROBEL-1

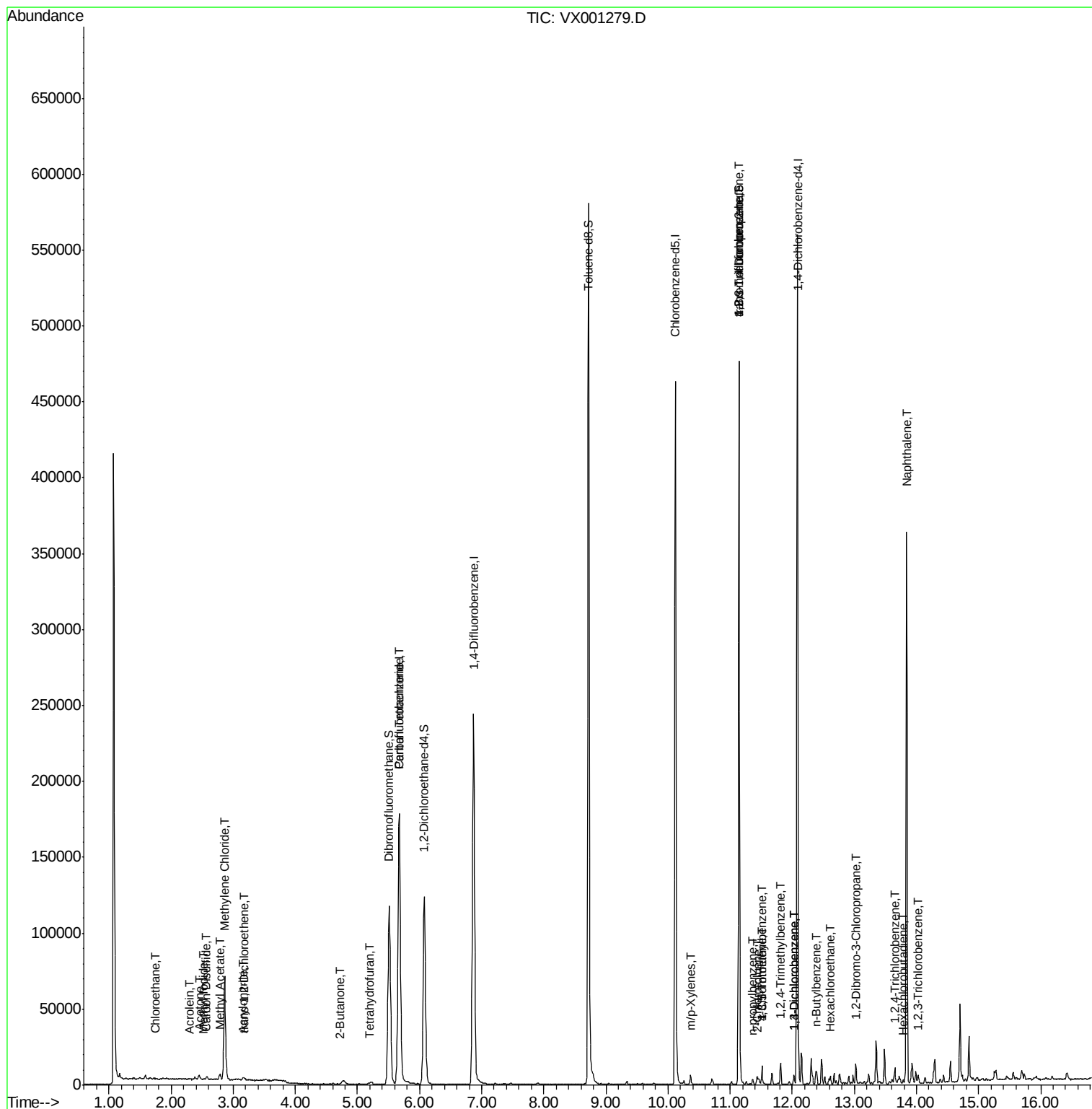
Quant Time: May 02 02:02:05 2018

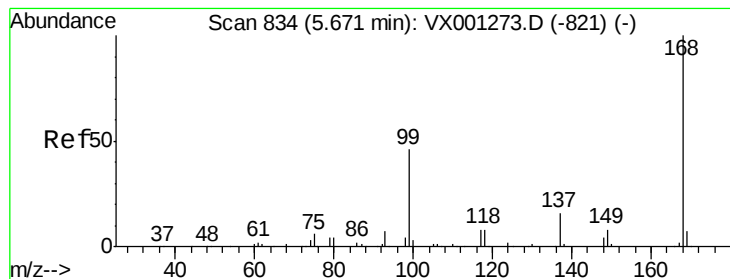
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

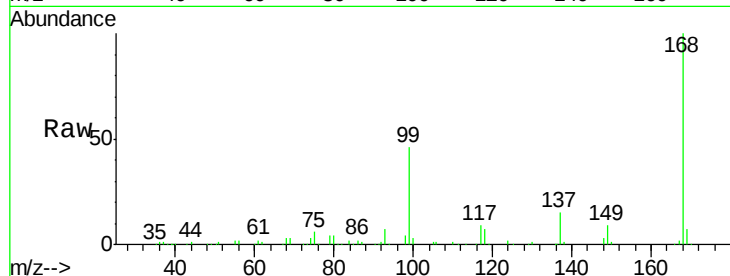
ROBEL-1

Tgt Ion: 168 Resp: 191765

Ion Ratio Lower Upper

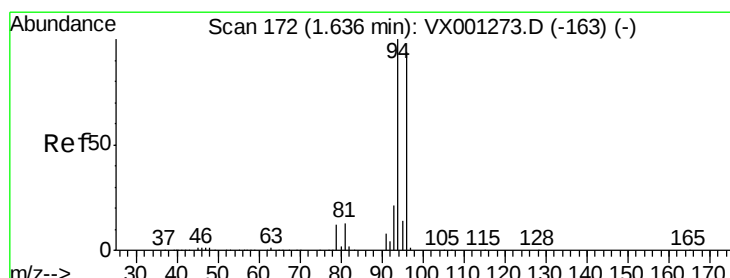
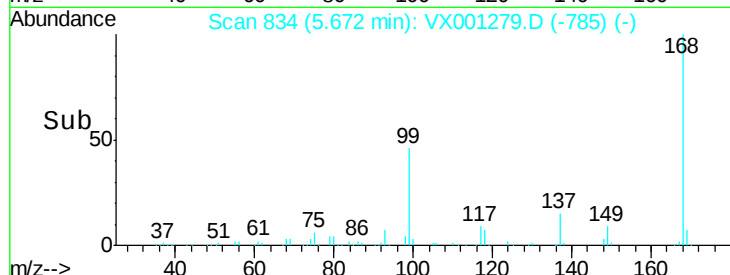
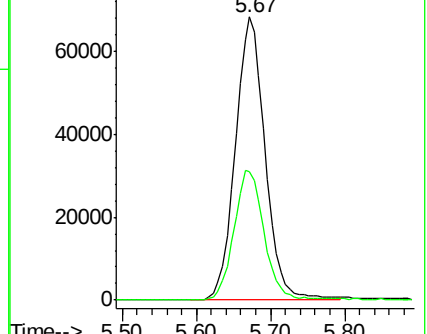
168 100

99 45.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001279.D

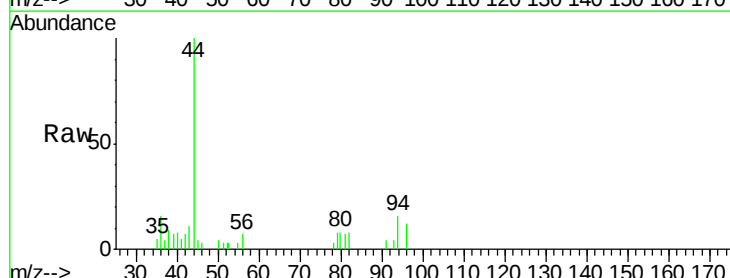
Acq: 01 May 2018 15:24

Tgt Ion: 94 Resp: 469

Ion Ratio Lower Upper

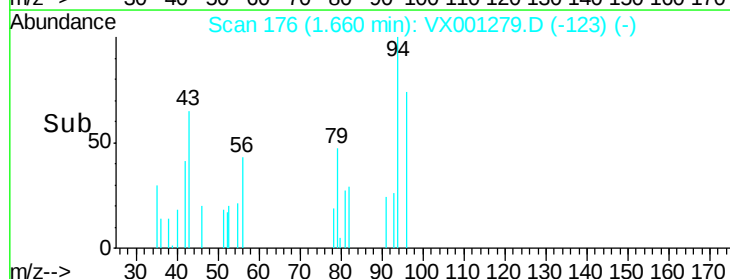
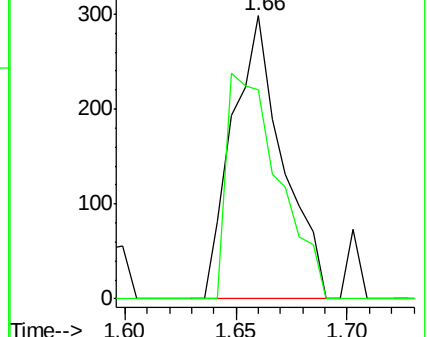
94 100

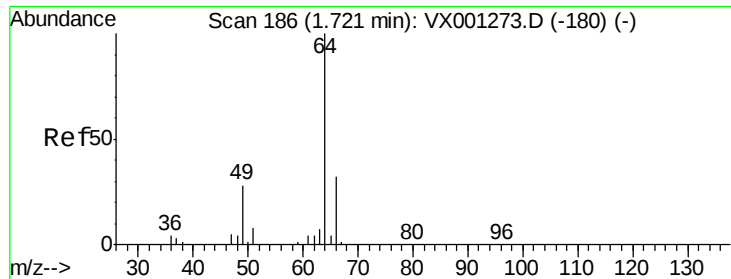
96 74.2 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.21 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

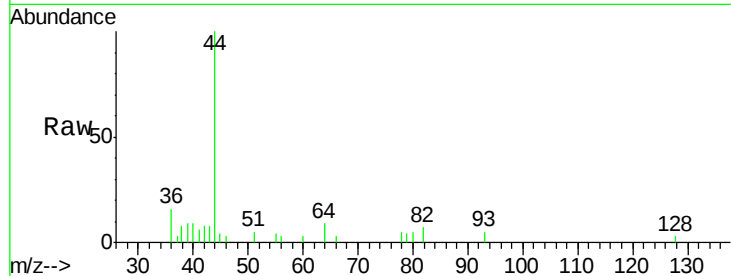
ROBEL-1

Tgt Ion: 64 Resp: 291

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX001279.D (-137) (-)

Ion 65.90 (65.60 to 66.60): VX001279.D (-137) (-)

1.74

1.76

1.72

1.70

1.68

1.66

1.64

1.62

1.60

1.58

1.56

1.54

1.52

1.50

1.48

1.46

1.44

1.42

1.40

1.38

1.36

1.34

1.32

1.30

1.28

1.26

1.24

1.22

1.20

1.18

1.16

1.14

1.12

1.10

1.08

1.06

1.04

1.02

1.00

0.98

0.96

0.94

0.92

0.90

0.88

0.86

0.84

0.82

0.80

0.78

0.76

0.74

0.72

0.70

0.68

0.66

0.64

0.62

0.60

0.58

0.56

0.54

0.52

0.50

0.48

0.46

0.44

0.42

0.40

0.38

0.36

0.34

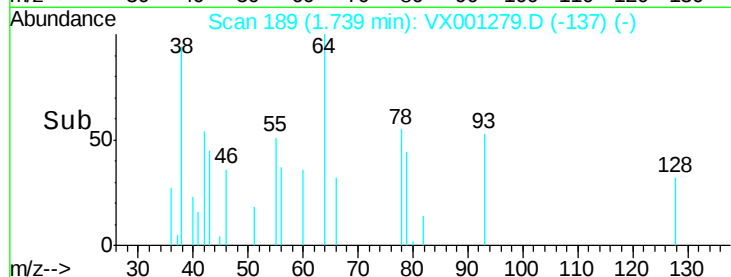
0.32

0.30

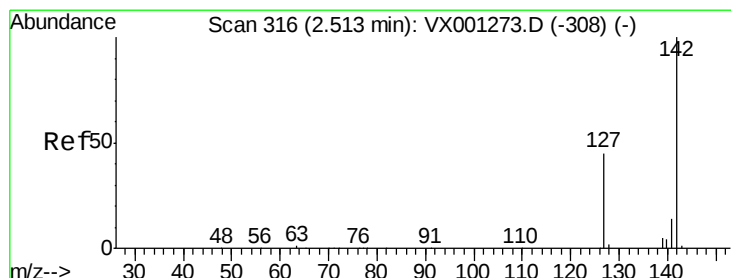
0.28

0.26

0.24



Time-->



#10

Methyl Iodide

Concen: 4.55 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

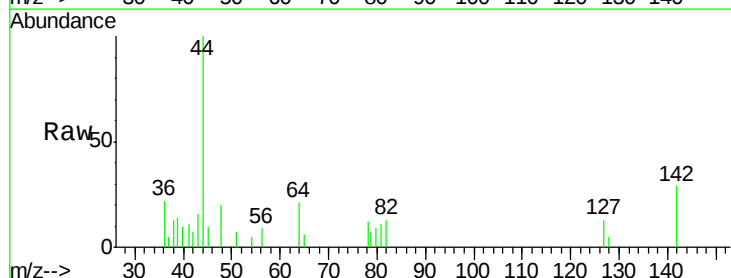
Tgt Ion: 142 Resp: 571

Ion Ratio Lower Upper

142 100

127 59.7 35.7 53.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VX001279.D (-267) (-)

Ion 126.80 (126.50 to 127.50): VX001279.D (-267) (-)

Ion 140.80 (140.50 to 141.50): VX001279.D (-267) (-)

2.52

2.54

2.56

2.58

2.60

2.62

2.64

2.66

2.68

2.70

2.72

2.74

2.76

2.78

2.80

2.82

2.84

2.86

2.88

2.90

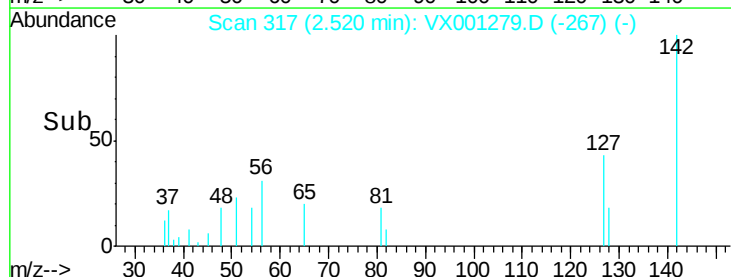
2.92

2.94

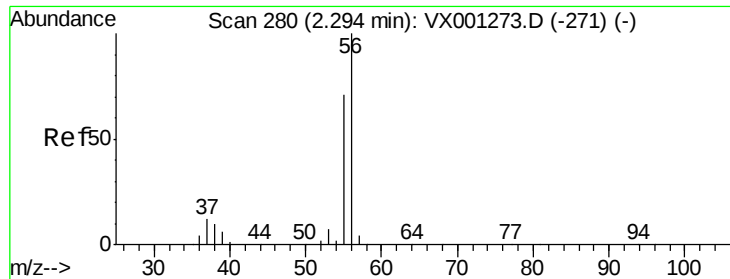
2.96

2.98

3.00



Time-->



#13

Acrolein

Concen: 0.83 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampled :

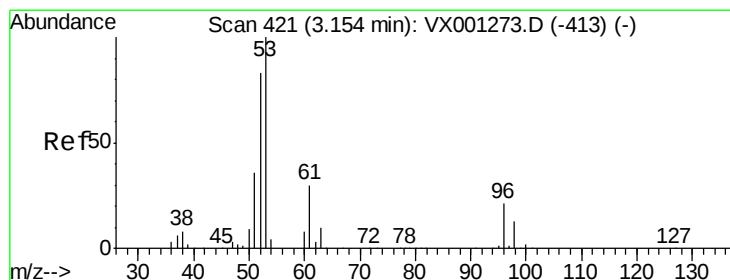
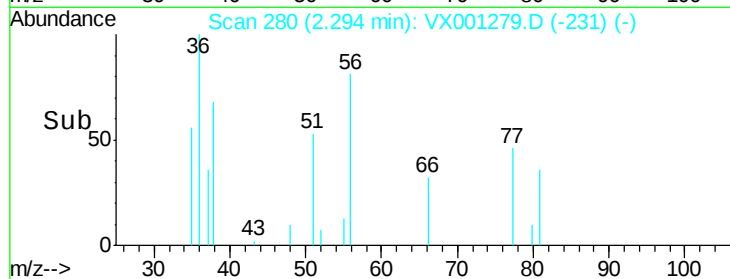
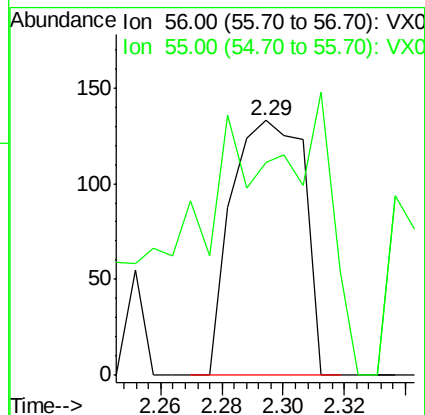
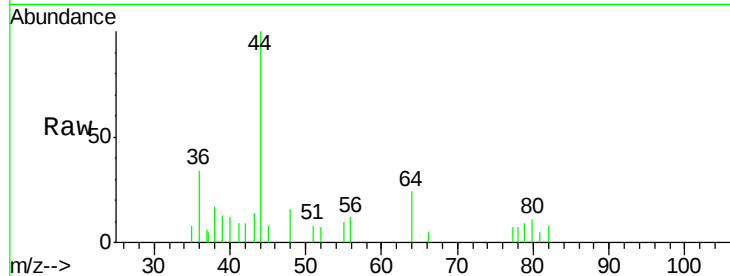
ROBEL-1

Tgt Ion: 56 Resp: 217

Ion Ratio Lower Upper

56 100

55 142.4 57.2 85.8#



#15

Acrylonitrile

Concen: 0.73 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

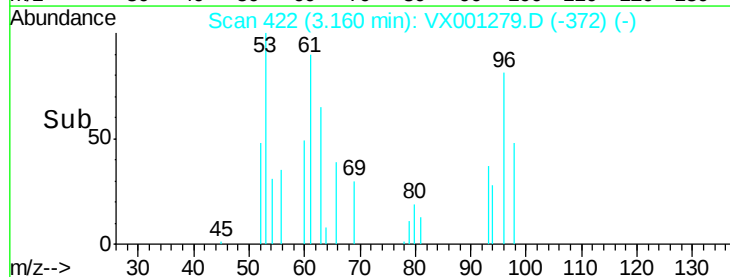
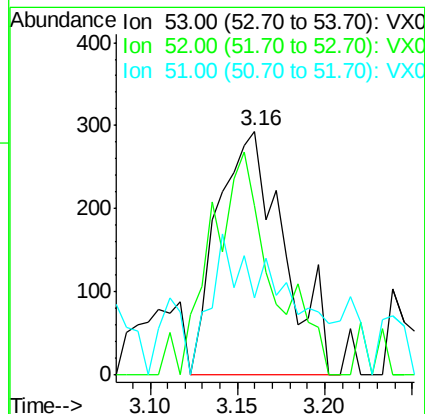
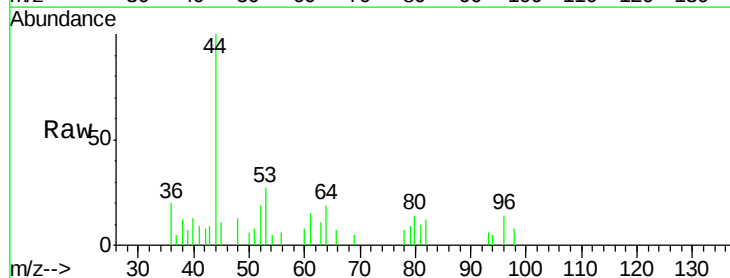
Tgt Ion: 53 Resp: 771

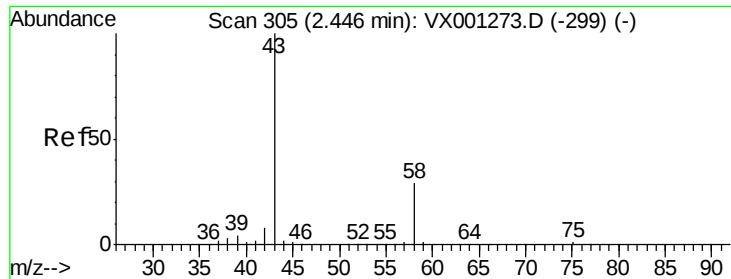
Ion Ratio Lower Upper

53 100

52 74.7 67.0 100.4

51 31.6 29.9 44.9





#16

Acetone

Concen: 2.78 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

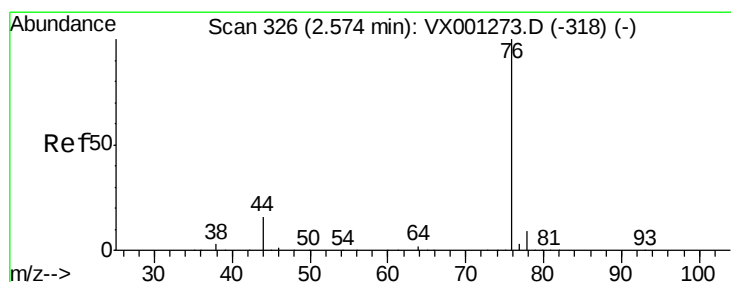
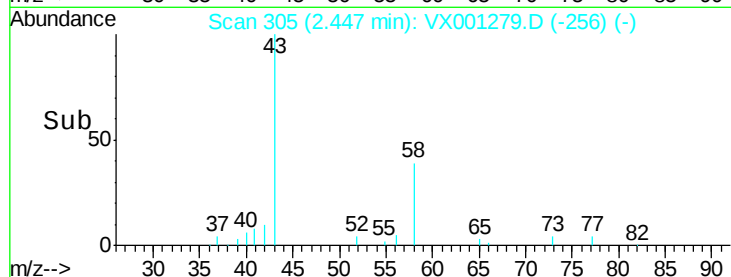
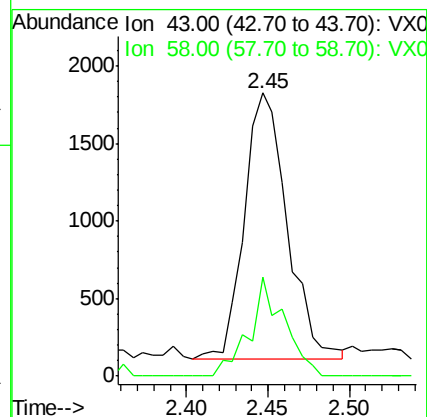
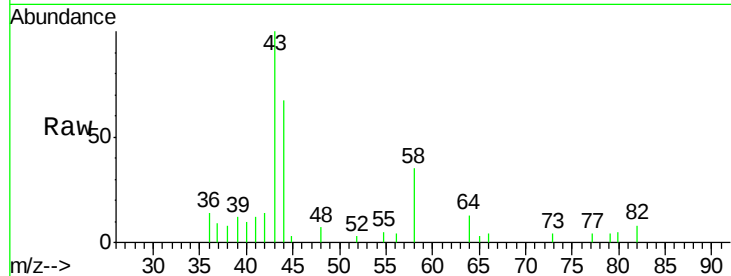
ROBEL-1

Tgt Ion: 43 Resp: 3147

Ion Ratio Lower Upper

43 100

58 37.4 22.8 34.2#



#17

Carbon Disulfide

Concen: 0.43 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001279.D

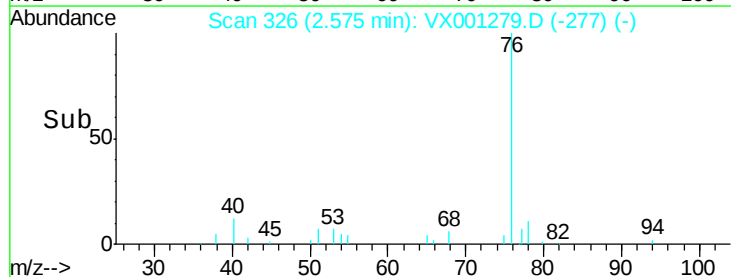
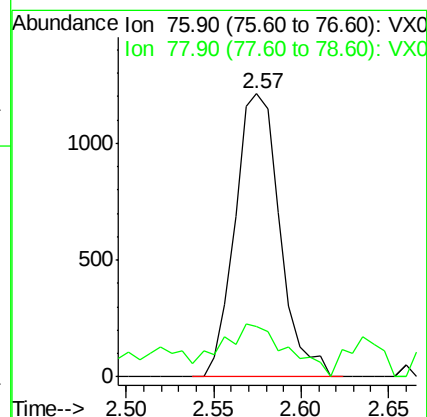
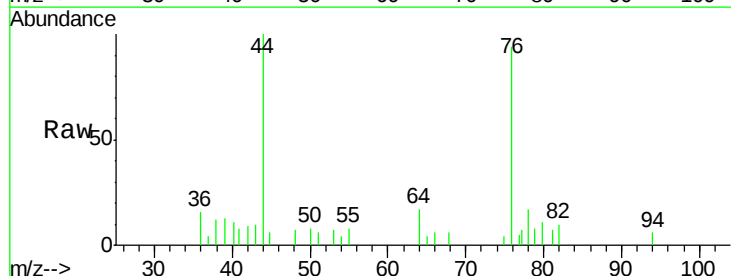
Acq: 01 May 2018 15:24

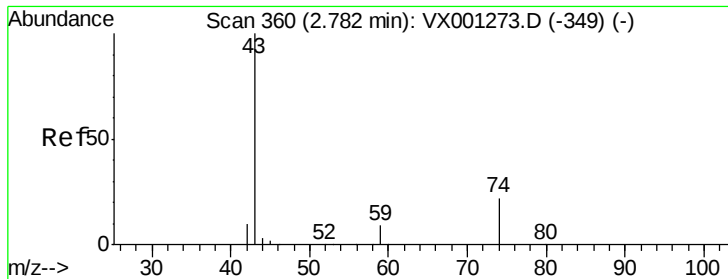
Tgt Ion: 76 Resp: 2162

Ion Ratio Lower Upper

76 100

78 13.4 7.0 10.4#

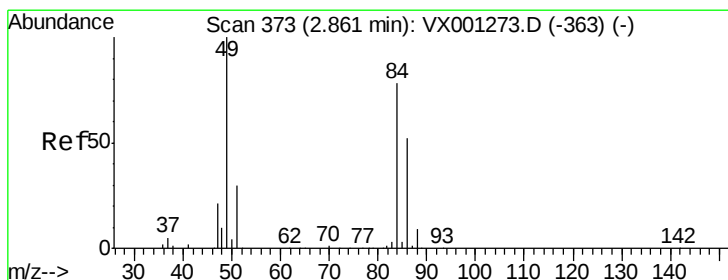
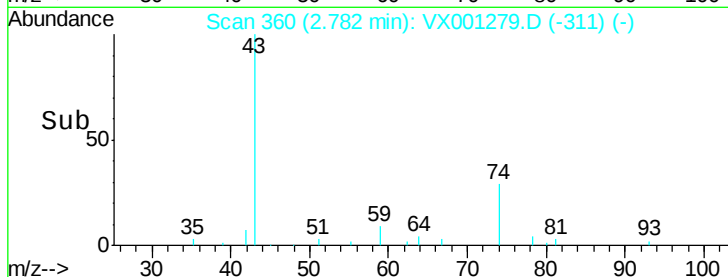
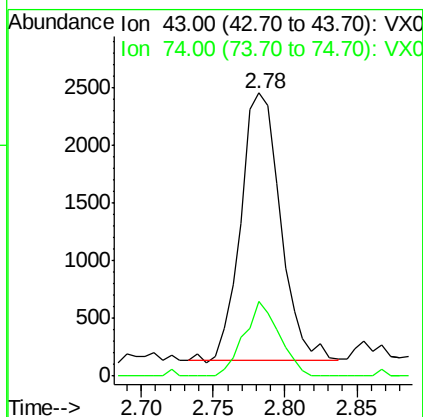
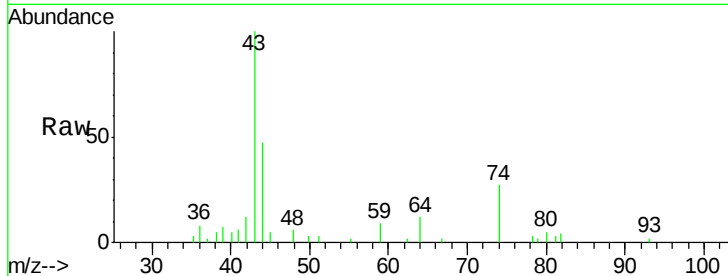




#18
Methyl Acetate
Concen: 1.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

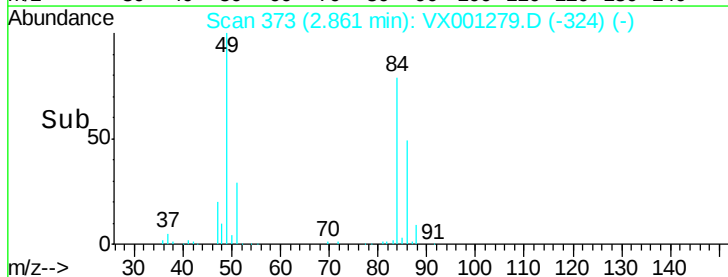
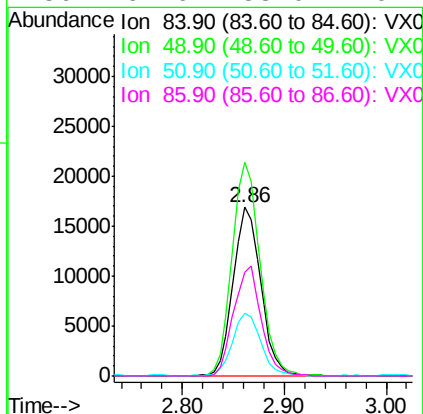
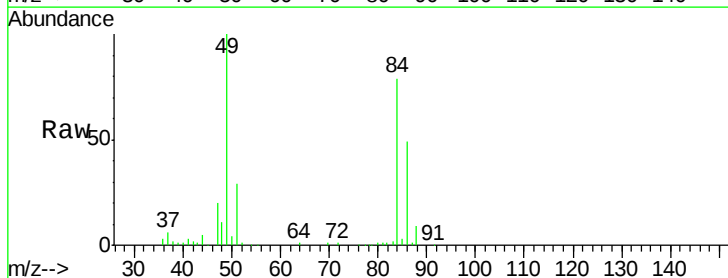
Instrument :
MSVOA_X
ClientSampled :
ROBEL-1

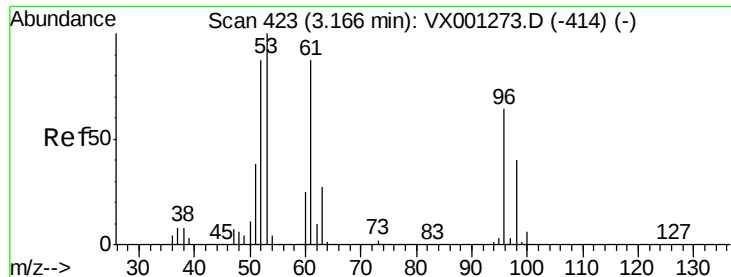
Tgt Ion: 43 Resp: 4448
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.6



#20
Methylene Chloride
Concen: 14.42 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Tgt Ion: 84 Resp: 31793
Ion Ratio Lower Upper
84 100
49 126.9 102.8 154.2
51 37.3 30.9 46.3
86 61.6 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampled :

ROBEL-1

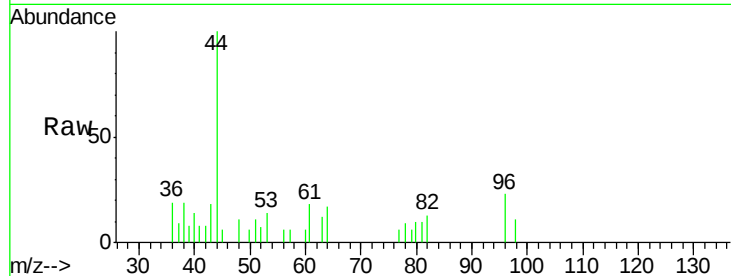
Tgt Ion: 96 Resp: 456

Ion Ratio Lower Upper

96 100

61 80.1 108.6 162.8#

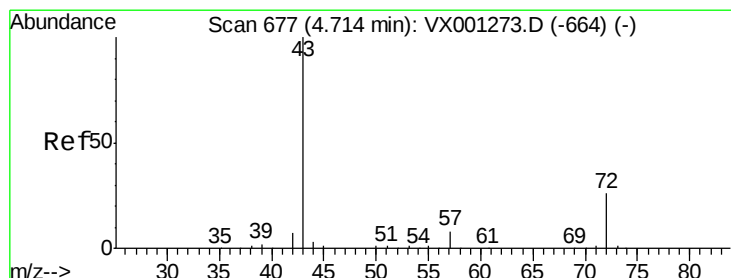
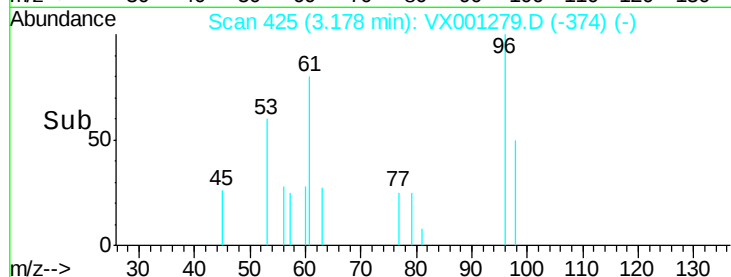
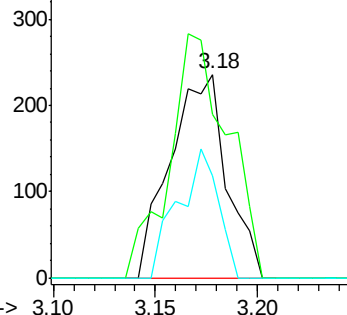
98 50.4 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.54 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001279.D

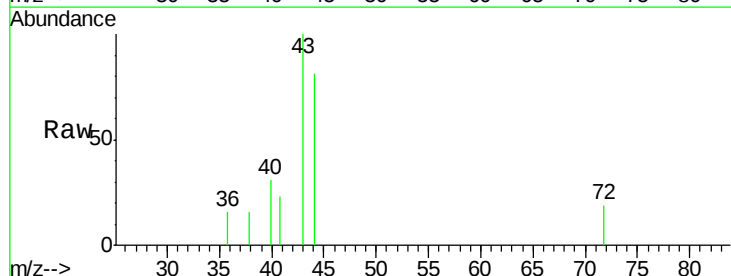
Acq: 01 May 2018 15:24

Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

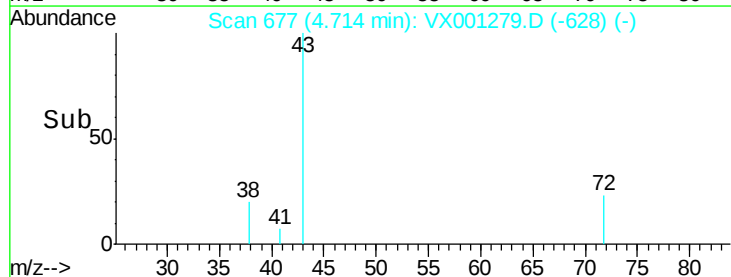
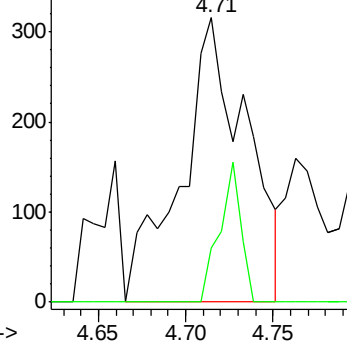
43 100

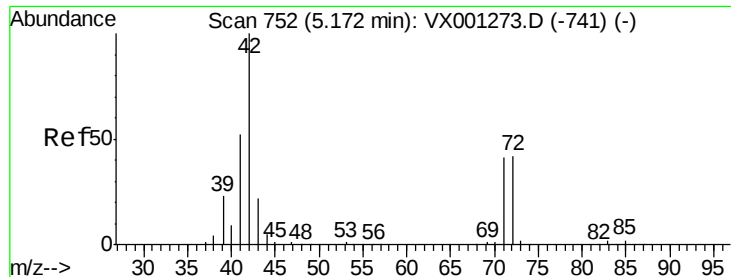
72 18.7 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.65 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

ROBEL-1

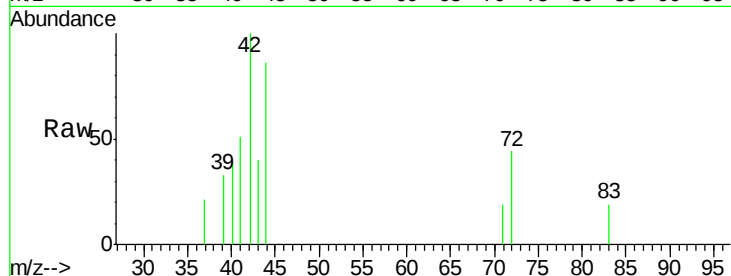
Tgt Ion: 42 Resp: 613

Ion Ratio Lower Upper

42 100

72 30.3 34.6 52.0#

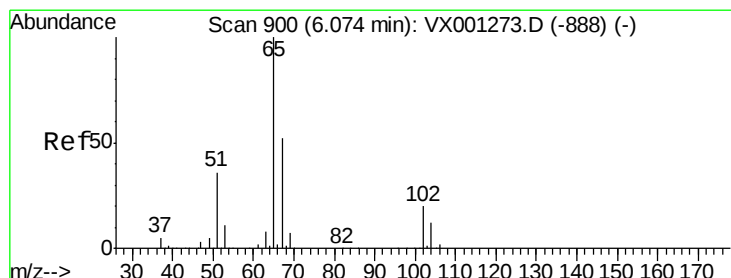
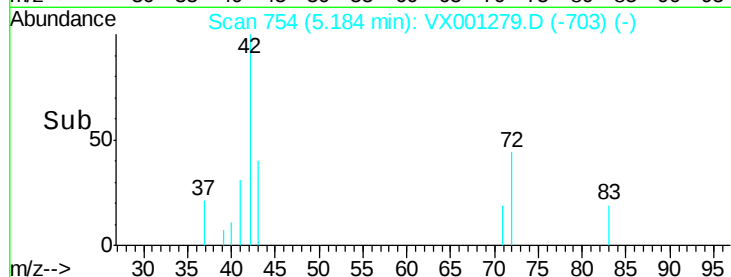
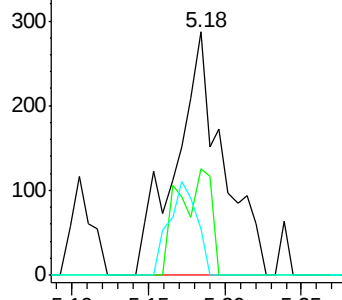
71 22.5 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 43.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001279.D

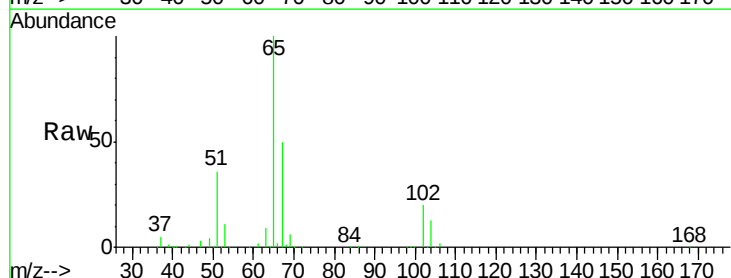
Acq: 01 May 2018 15:24

Tgt Ion: 65 Resp: 116138

Ion Ratio Lower Upper

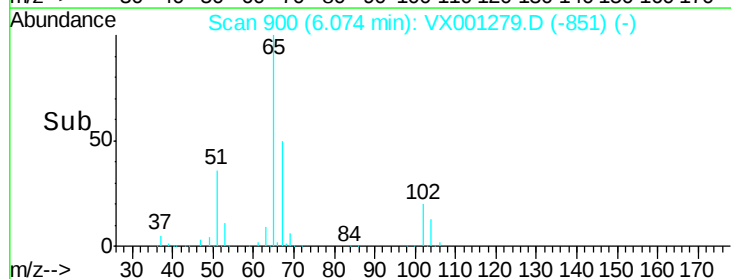
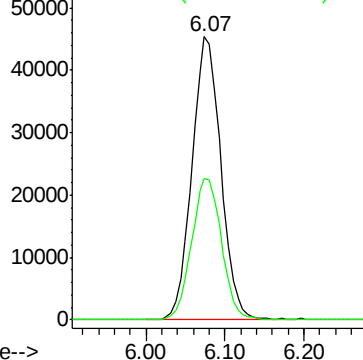
65 100

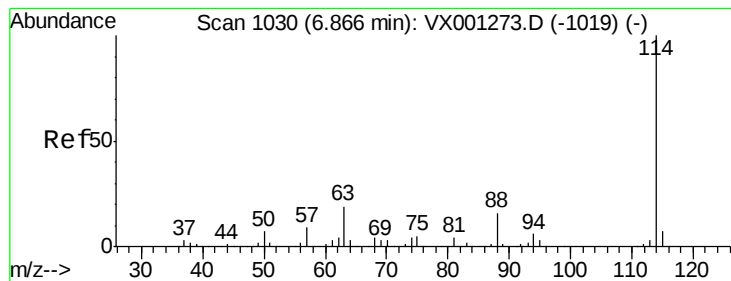
67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

ROBEL-1

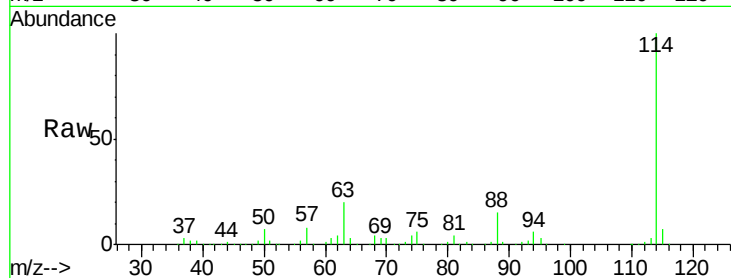
Tgt Ion:114 Resp: 255545

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

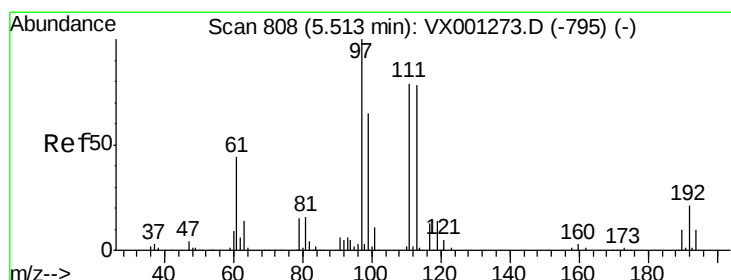
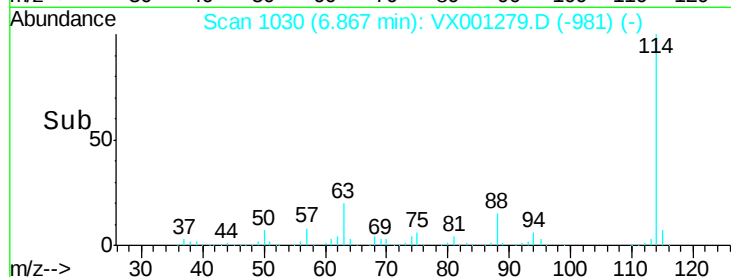
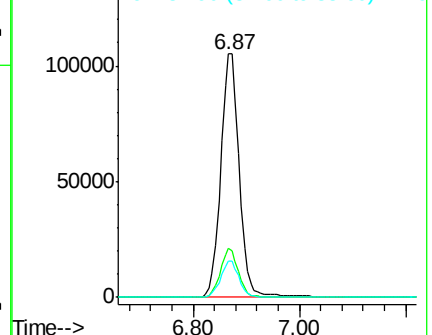
88 14.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 43.37 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

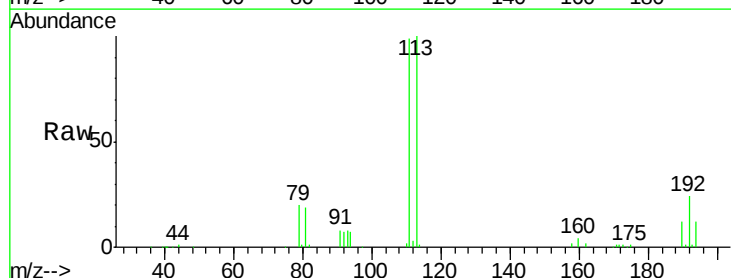
Tgt Ion:113 Resp: 95480

Ion Ratio Lower Upper

113 100

111 101.3 81.2 121.8

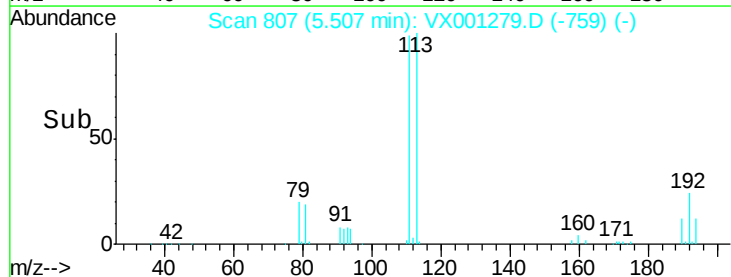
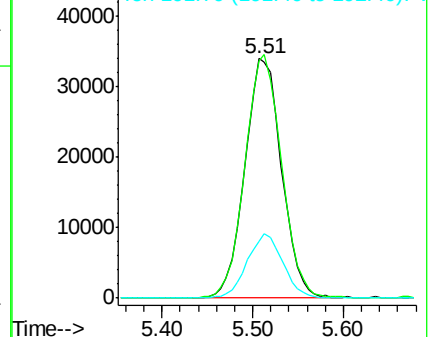
192 26.0 20.7 31.1

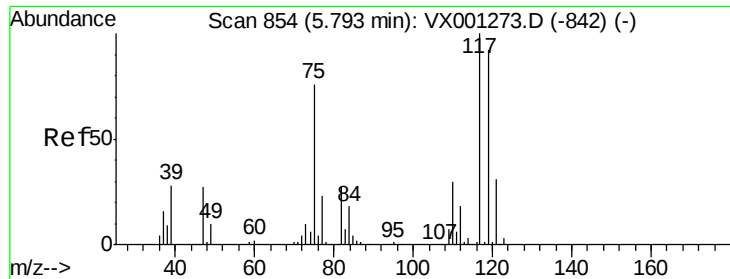


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

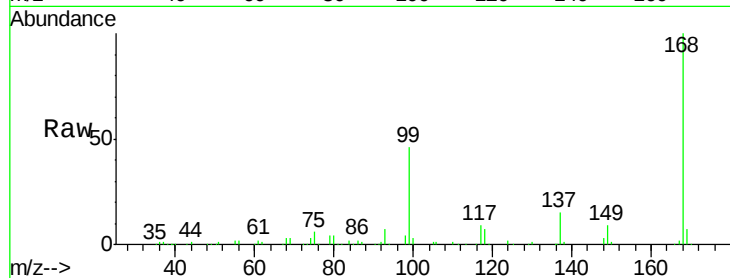




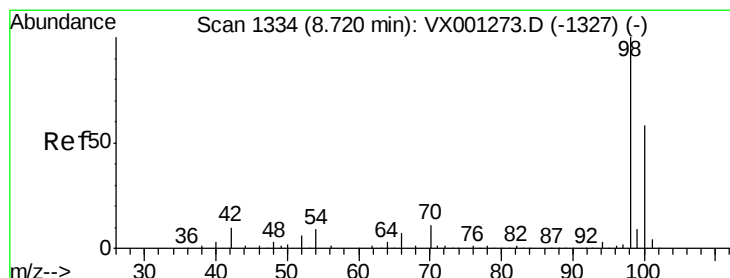
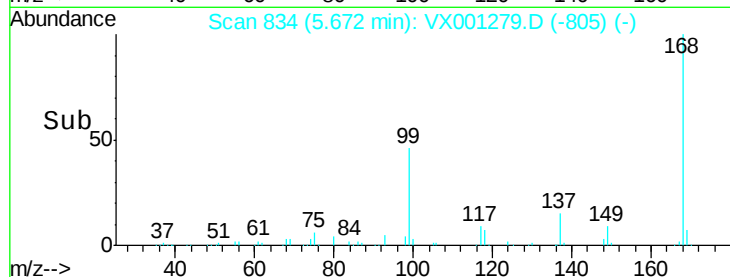
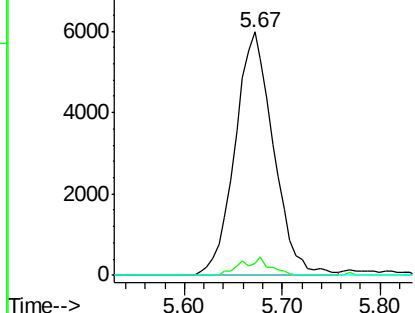
#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Instrument :
MSVOA_X
ClientSampleId :
ROBEL-1

Tgt Ion:117 Resp: 16334
Ion Ratio Lower Upper
117 100
119 4.6 73.4 110.2#
121 0.0 25.0 37.4#

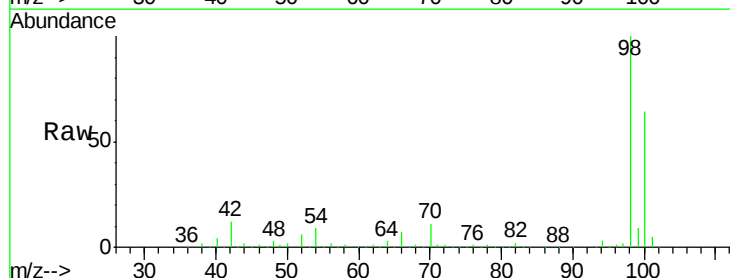


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

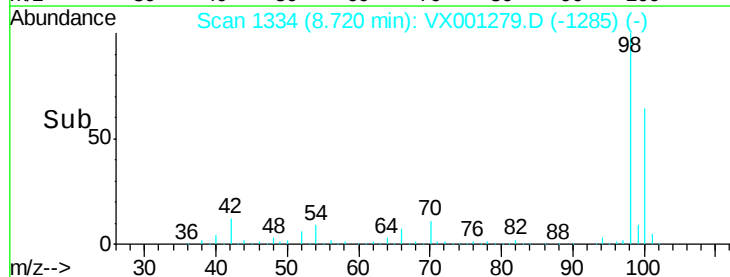
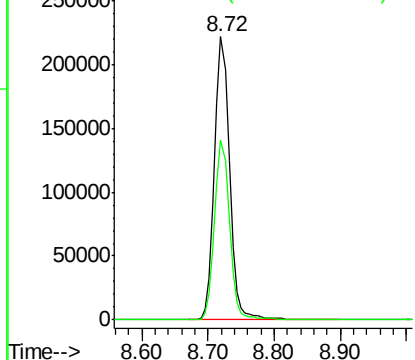


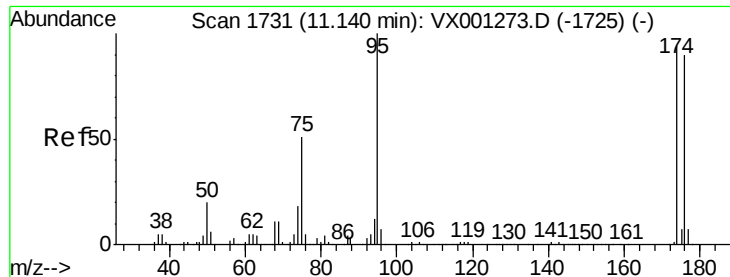
#50
Toluene-d8
Concen: 44.76 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Tgt Ion: 98 Resp: 352046
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

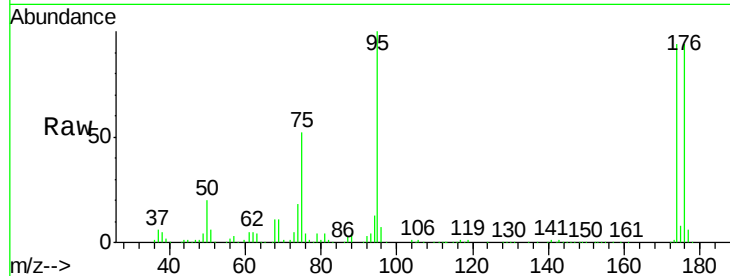




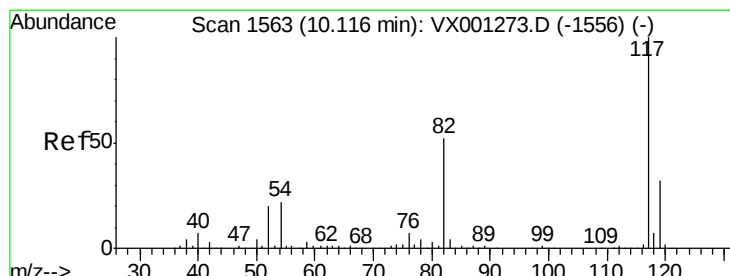
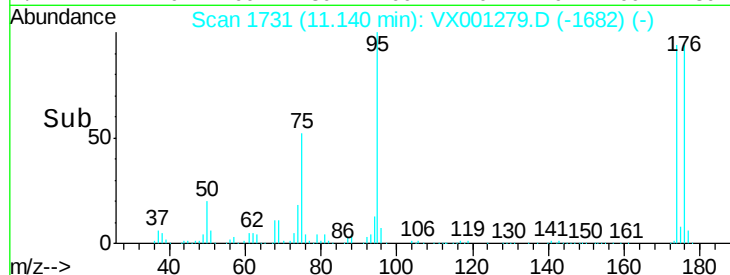
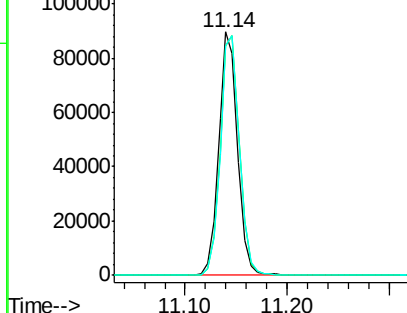
#62
4-Bromofluorobenzene
Concen: 36.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Instrument :
MSVOA_X
ClientSampleId :
ROBEL-1

Tgt Ion: 95 Resp: 115363
Ion Ratio Lower Upper
95 100
174 100.7 0.0 201.8
176 100.3 0.0 197.2

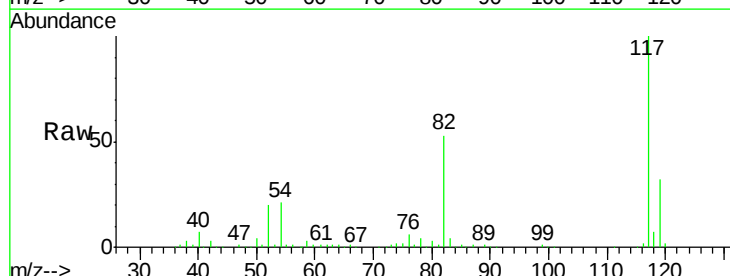


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

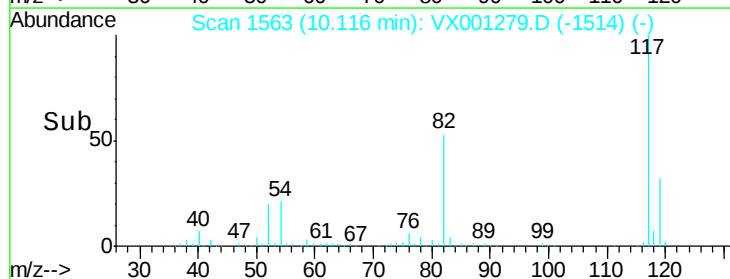
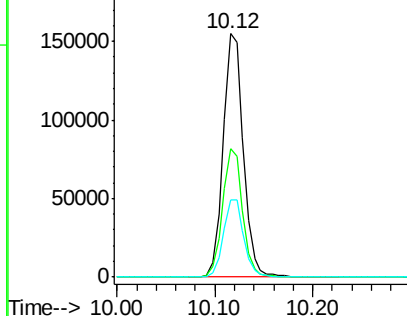


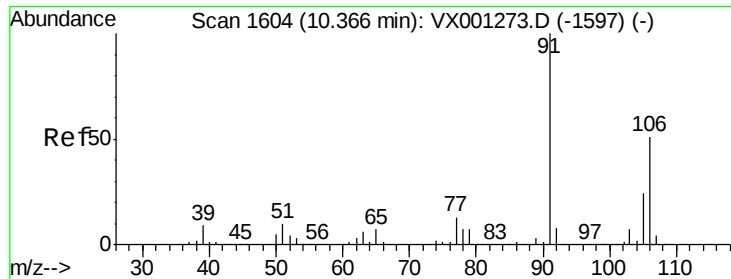
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Tgt Ion: 117 Resp: 222036
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

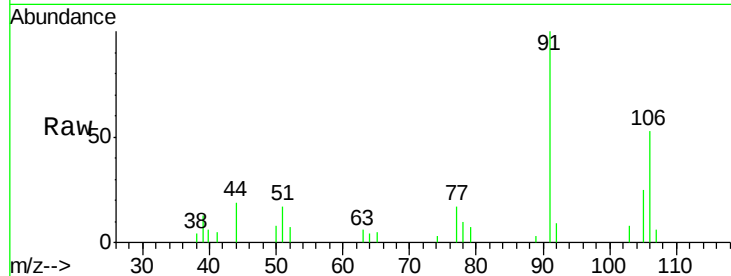




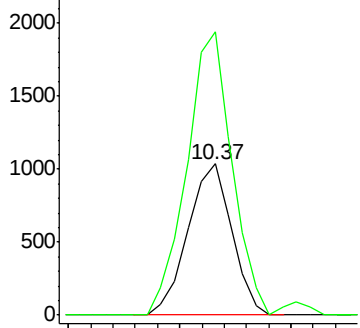
#68
m/p-Xylenes
Concen: 0.37 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Instrument :
MSVOA_X
ClientSampled :
ROBEL-1

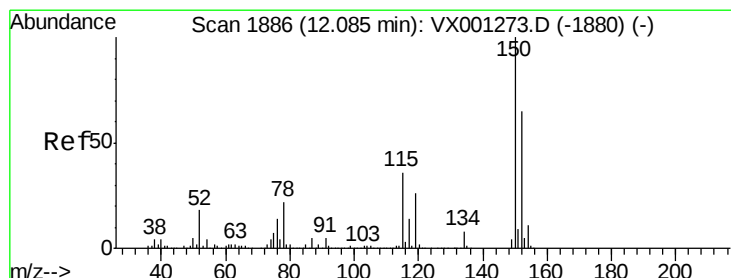
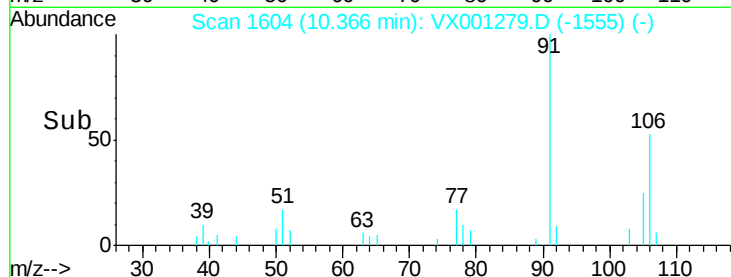
Tgt Ion:106 Resp: 1430
Ion Ratio Lower Upper
106 100
91 193.1 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

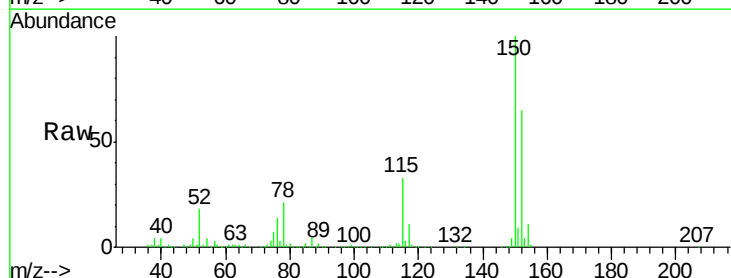


Time--> 10.30 10.35 10.40

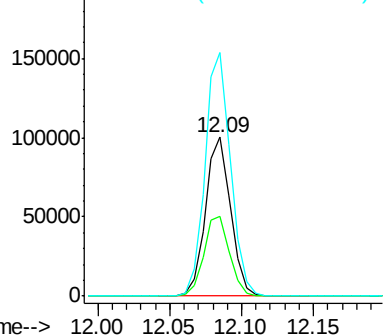


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

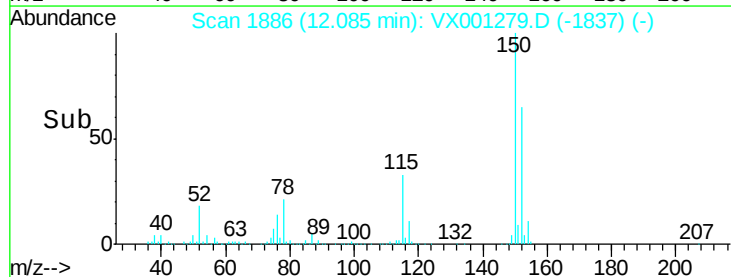
Tgt Ion:152 Resp: 122499
Ion Ratio Lower Upper
152 100
115 51.7 38.6 115.7
150 155.2 0.0 349.2

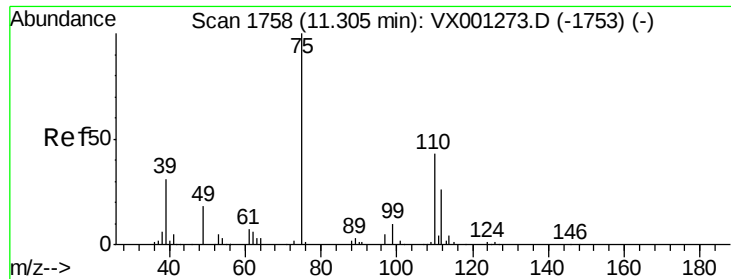


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time--> 12.00 12.05 12.10 12.15





#76

1,2,3-Trichloropropane

Concen: 25.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampled :

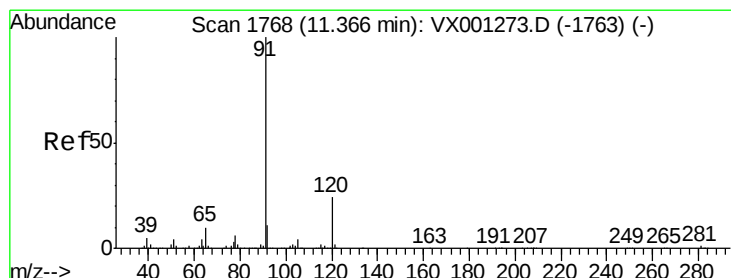
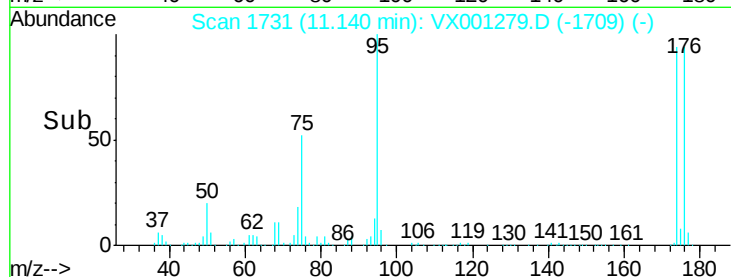
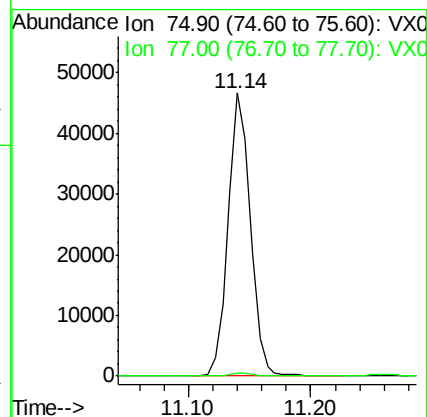
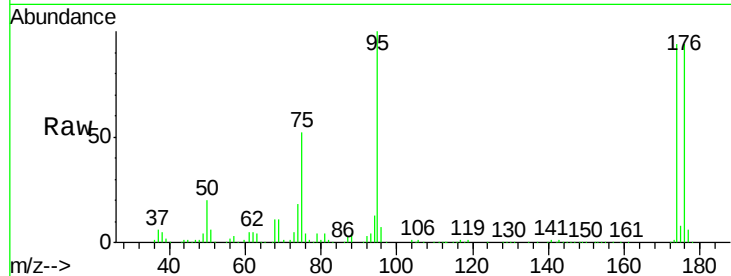
ROBEL-1

Tgt Ion: 75 Resp: 58811

Ion Ratio Lower Upper

75 100

77 1.2 18.9 56.5#



#78

n-propylbenzene

Concen: 0.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001279.D

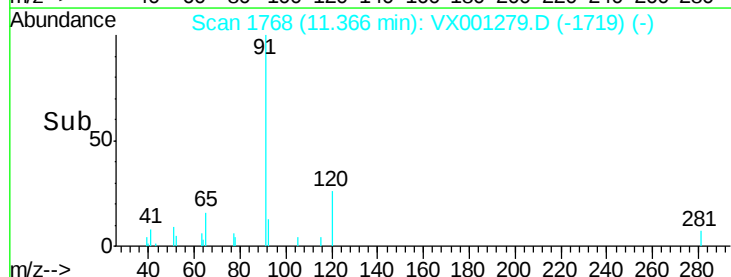
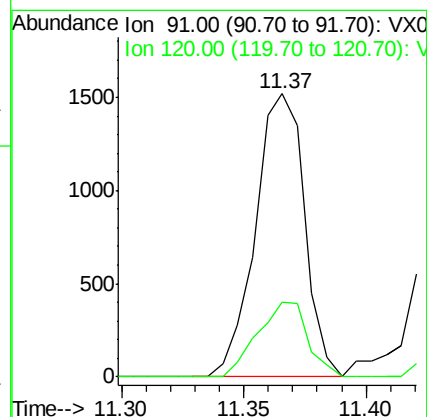
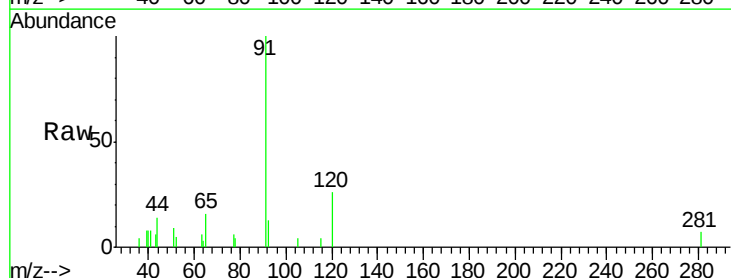
Acq: 01 May 2018 15:24

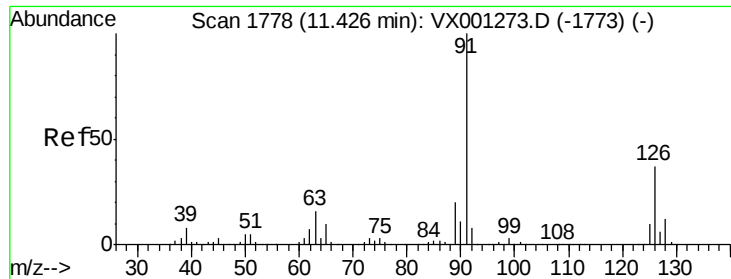
Tgt Ion: 91 Resp: 2131

Ion Ratio Lower Upper

91 100

120 27.0 12.3 36.8





#79

2-Chlorotoluene

Concen: 0.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

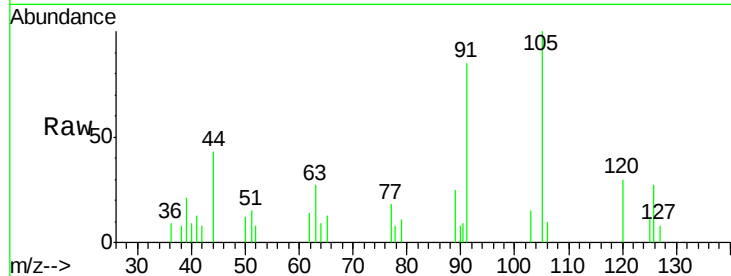
ROBEL-1

Tgt Ion: 91 Resp: 1302

Ion Ratio Lower Upper

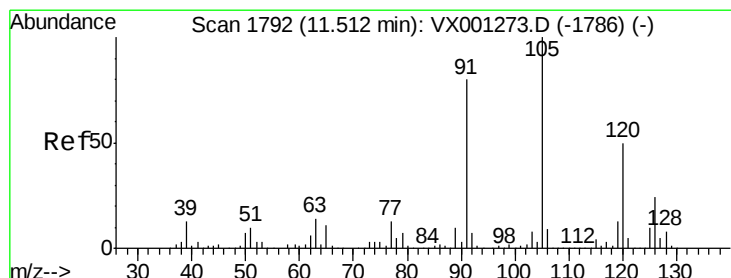
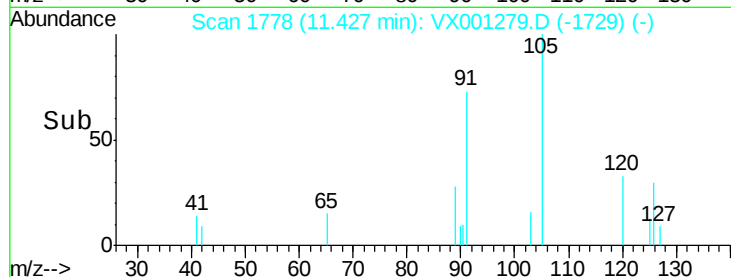
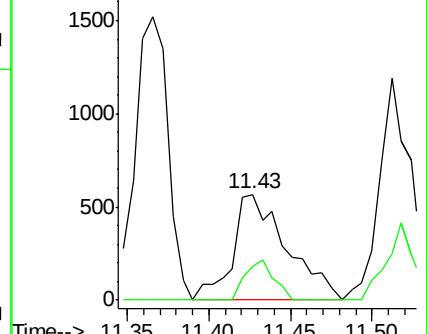
91 100

126 20.1 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX001279.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001279.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001279.D

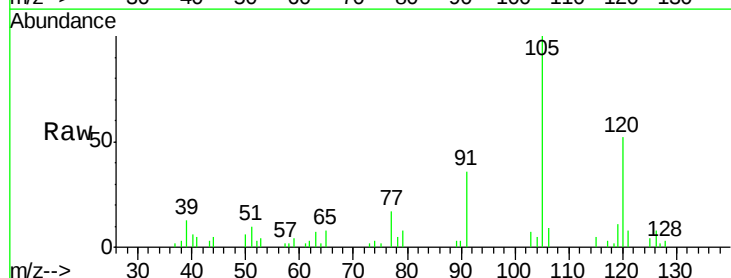
Acq: 01 May 2018 15:24

Tgt Ion: 105 Resp: 3907

Ion Ratio Lower Upper

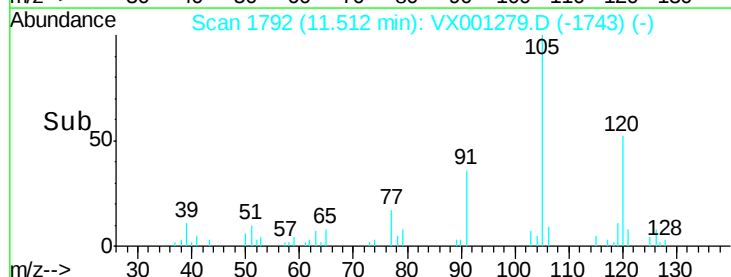
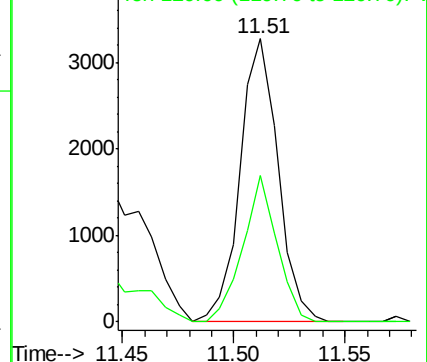
105 100

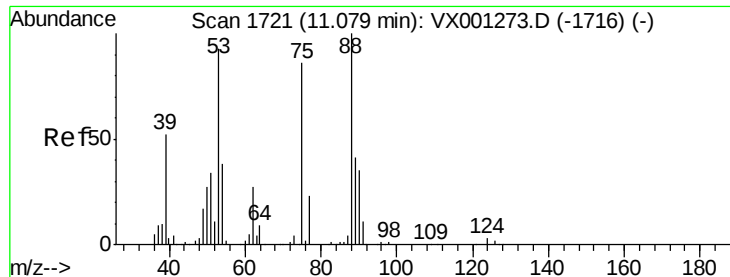
120 46.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001279.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001279.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 81.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

ROBEL-1

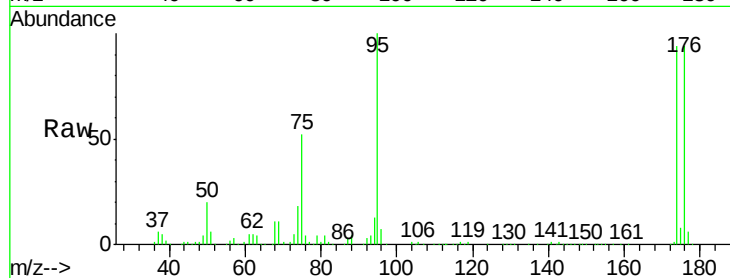
Tgt Ion: 75 Resp: 58811

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

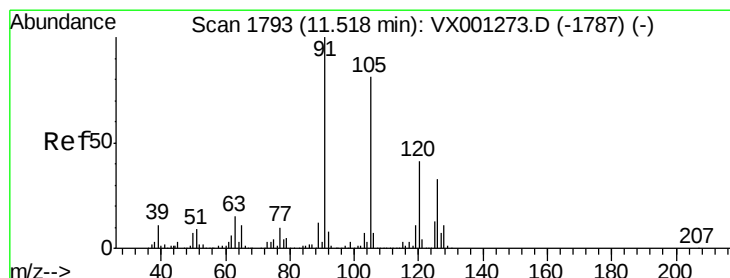
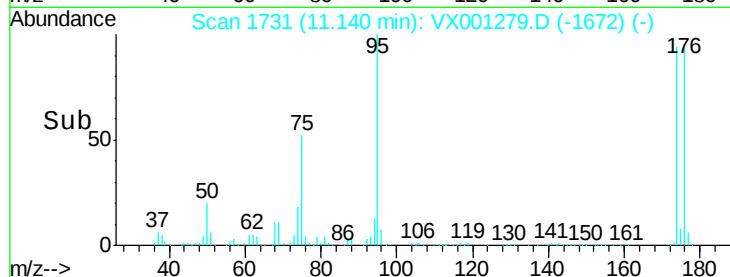
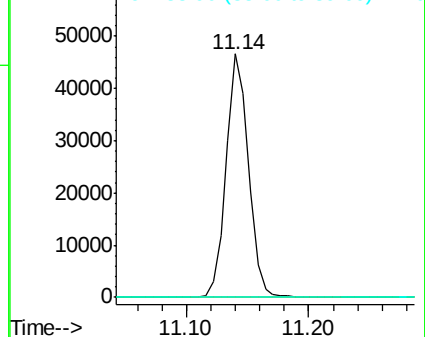
89 0.0 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001279.D

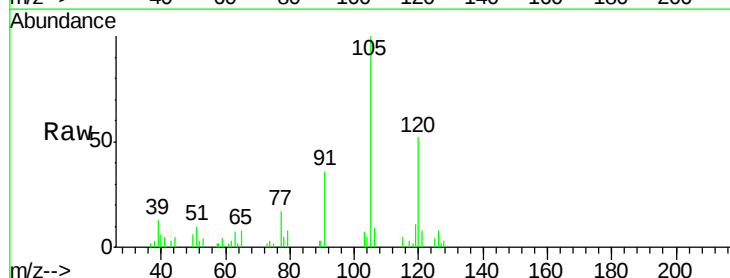
Acq: 01 May 2018 15:24

Tgt Ion: 91 Resp: 1637

Ion Ratio Lower Upper

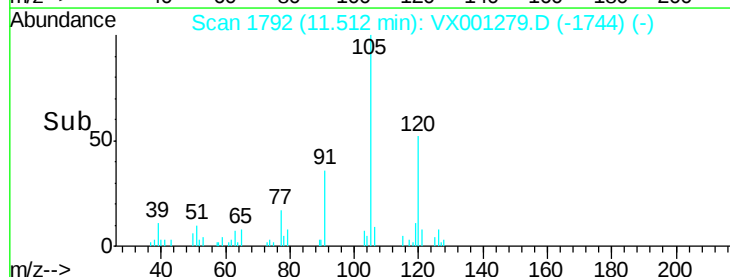
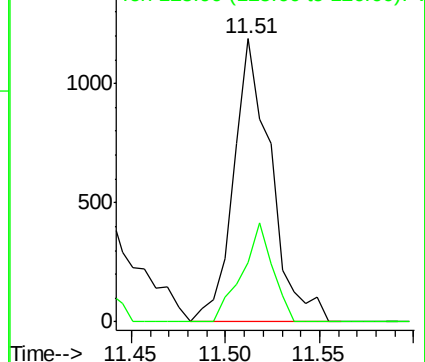
91 100

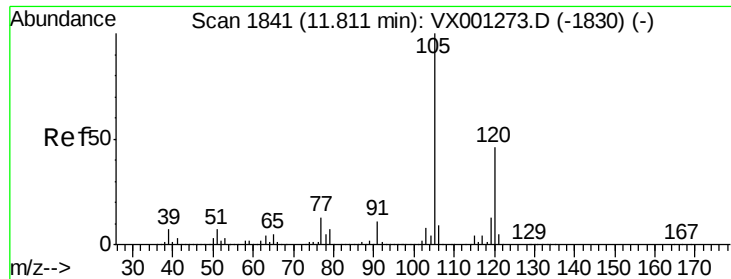
126 28.5 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

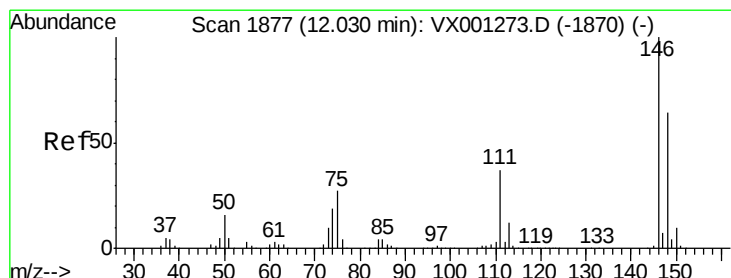
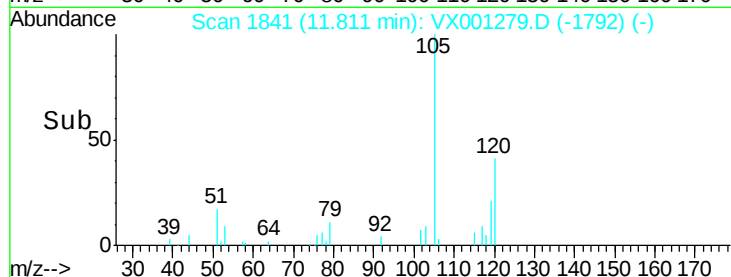
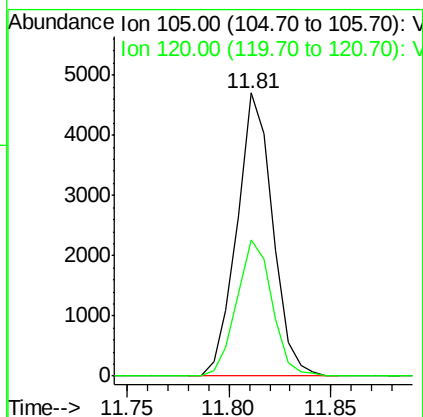
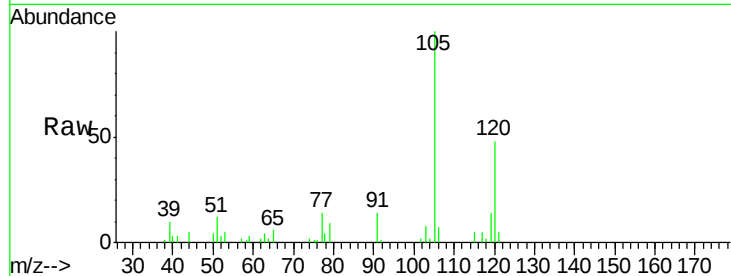




#84
 1,2,4-Trimethylbenzene
 Concen: 0.81 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

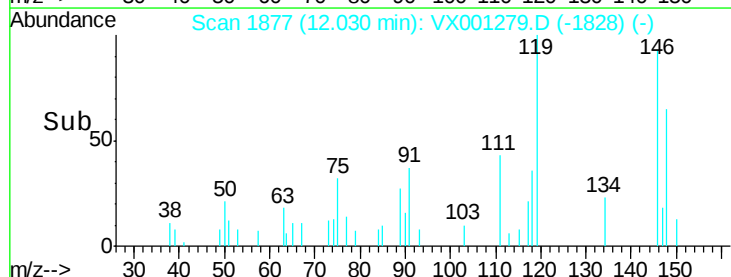
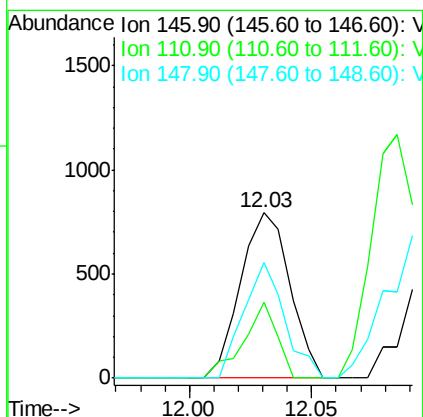
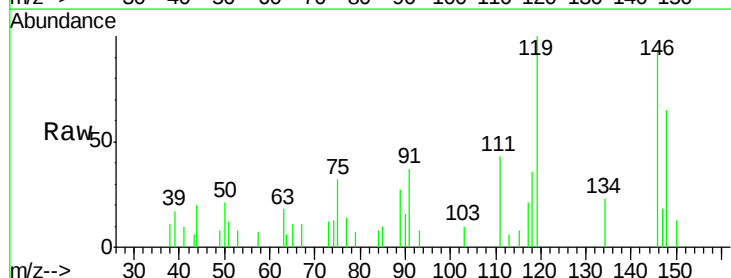
Instrument :
 MSVOA_X
 ClientSampled :
 ROBEL-1

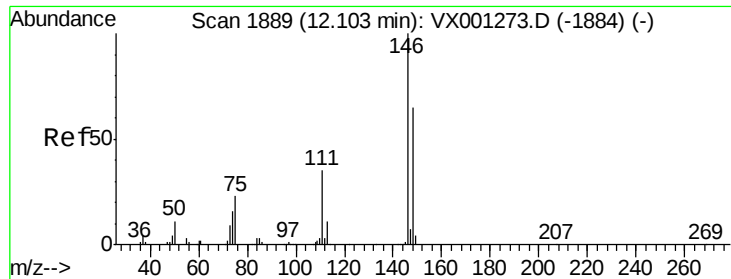
Tgt Ion:105 Resp: 5696
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.7 68.1



#87
 1,3-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

Tgt Ion:146 Resp: 1113
 Ion Ratio Lower Upper
 146 100
 111 31.3 18.4 55.2
 148 58.1 32.2 96.6

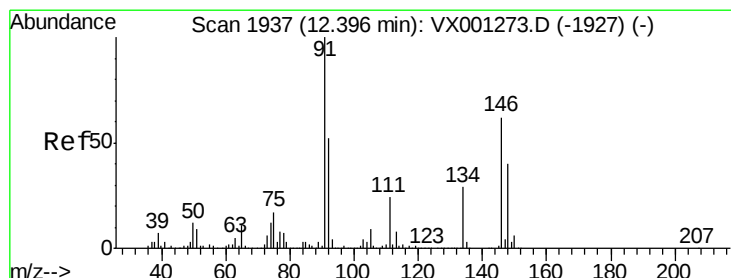
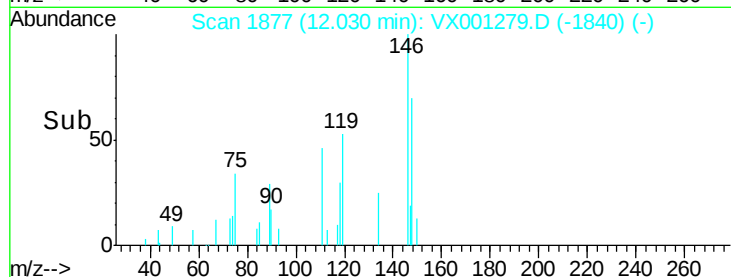
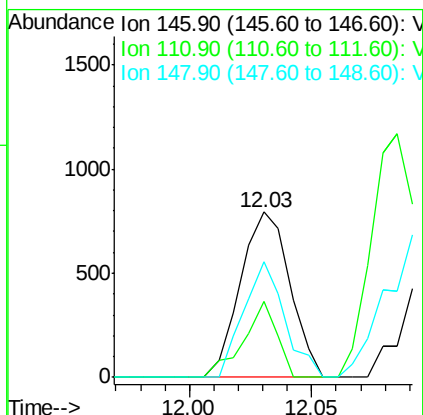
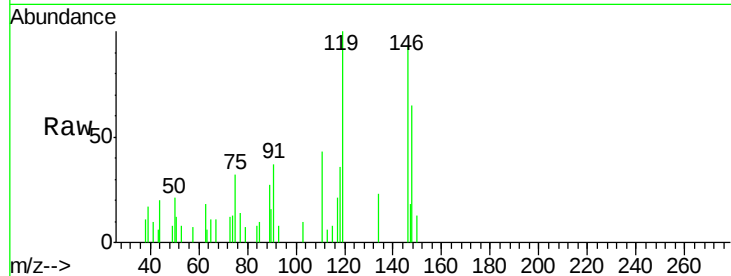




#88
 1,4-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

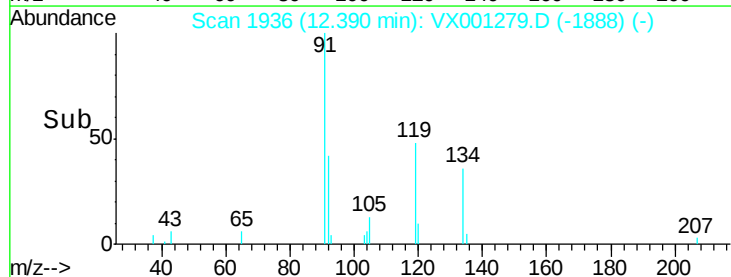
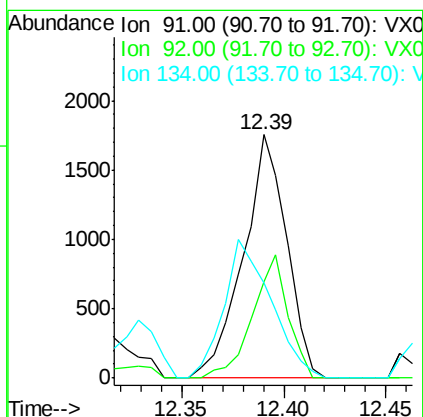
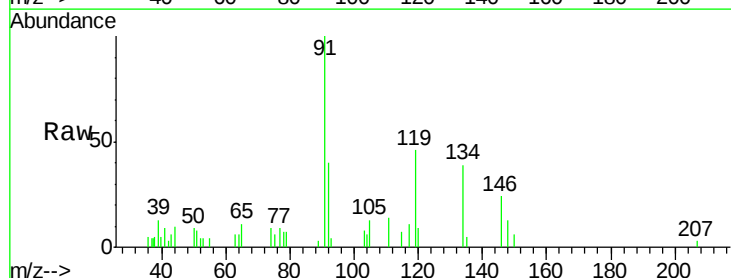
Instrument :
 MSVOA_X
 ClientSampleId :
 ROBEL-1

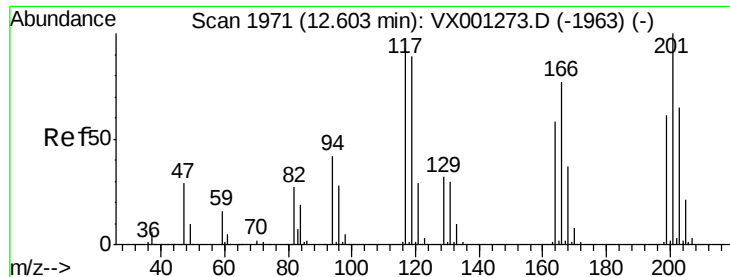
Tgt Ion: 146 Resp: 1113
 Ion Ratio Lower Upper
 146 100
 111 31.3 17.9 53.7
 148 58.1 32.3 96.8



#89
 n-Butylbenzene
 Concen: 0.39 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

Tgt Ion: 91 Resp: 2595
 Ion Ratio Lower Upper
 91 100
 92 41.4 26.2 78.5
 134 61.7 14.0 42.0#





#90

Hexachloroethane

Concen: 0.29 ug/l

RT: 12.62 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

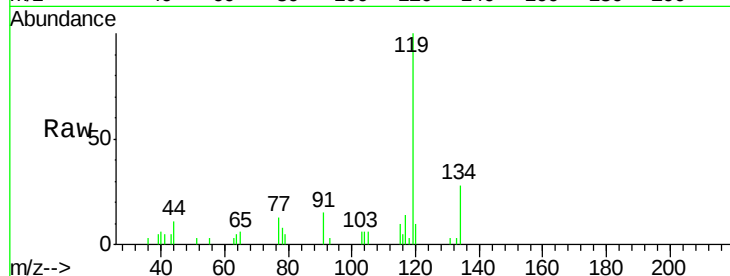
ROBEL-1

Tgt Ion: 117 Resp: 314

Ion Ratio Lower Upper

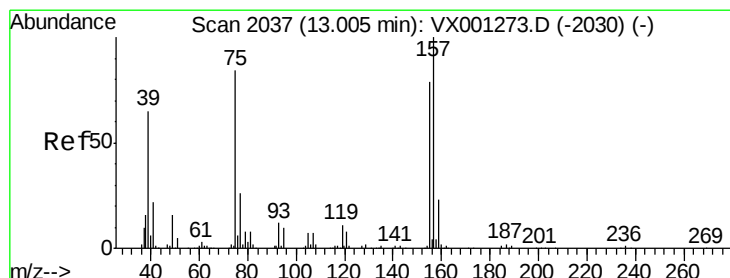
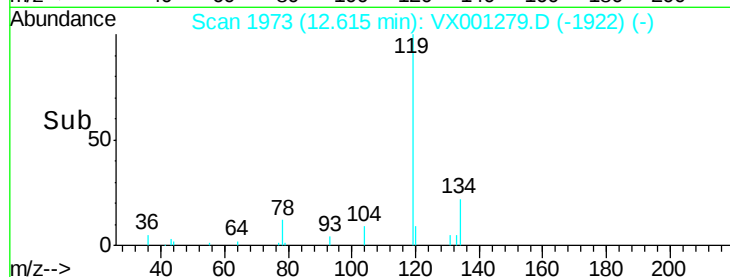
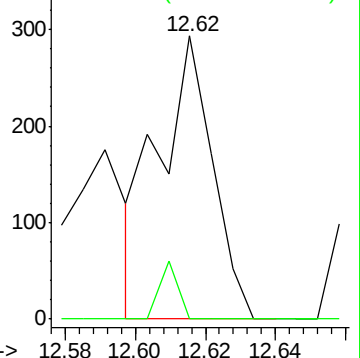
117 100

201 7.0 51.6 154.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.32 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

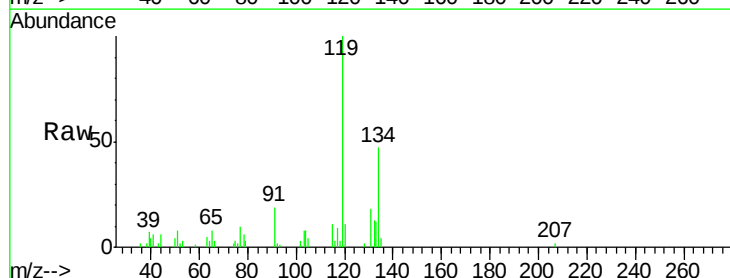
Tgt Ion: 75 Resp: 157

Ion Ratio Lower Upper

75 100

155 0.0 49.9 149.7#

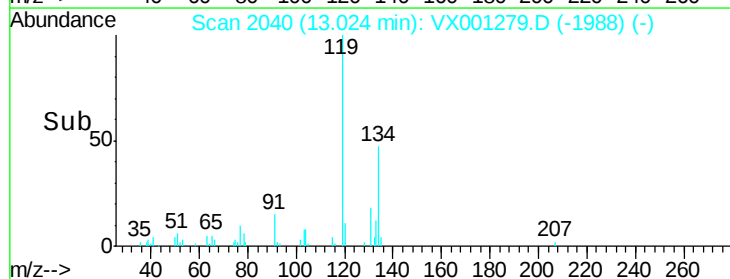
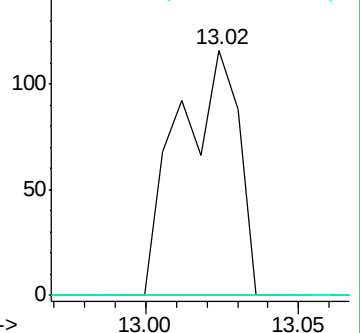
157 0.0 63.7 191.1#

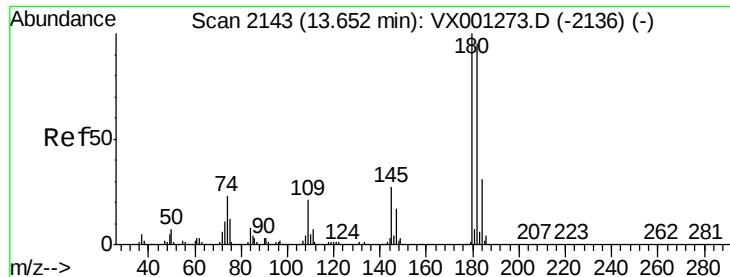


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

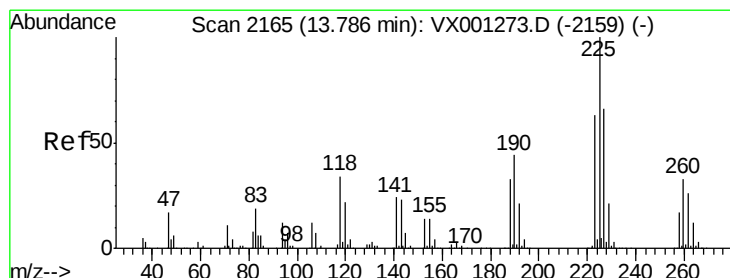
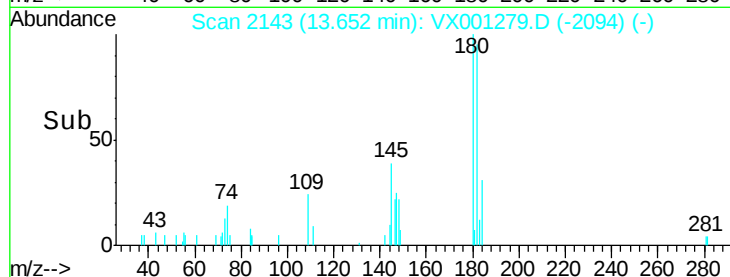
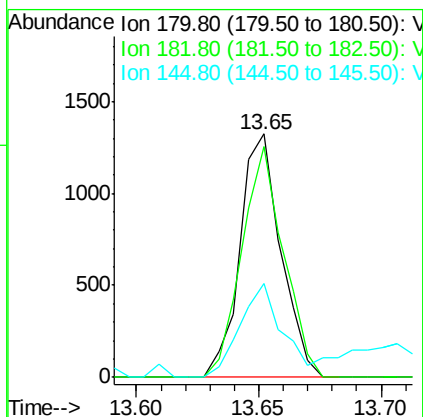
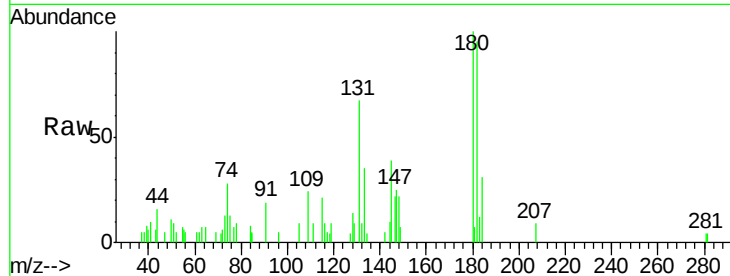




#93
 1,2,4-Trichlorobenzene
 Concen: 0.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

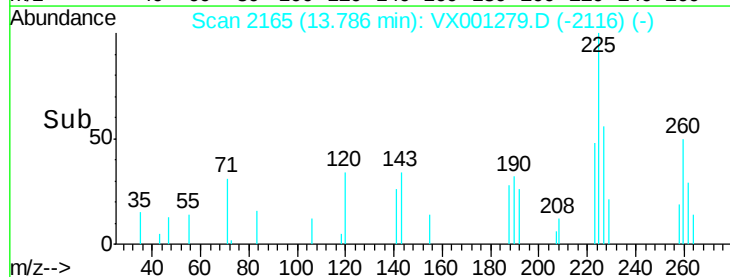
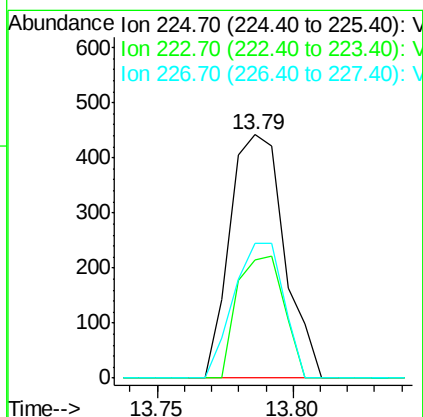
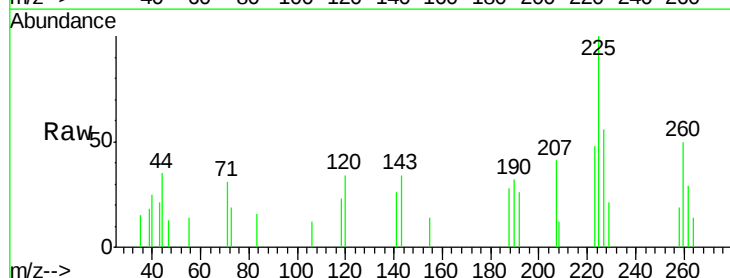
Instrument :
 MSVOA_X
 ClientSampleId :
 ROBEL-1

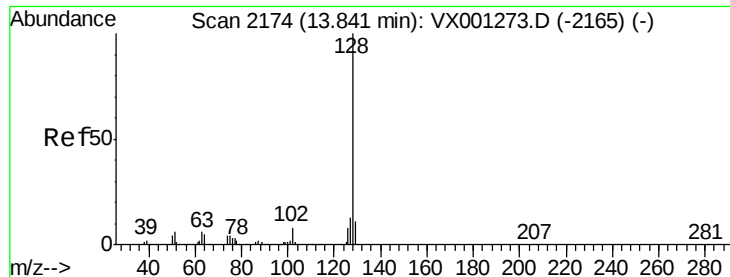
Tgt Ion:180 Resp: 1540
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 141.9
 145 45.1 13.5 40.4#



#94
 Hexachlorobutadiene
 Concen: 0.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

Tgt Ion:225 Resp: 612
 Ion Ratio Lower Upper
 225 100
 223 43.0 31.4 94.0
 227 51.1 32.5 97.5





#95

Naphthalene

Concen: 24.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

ROBEL-1

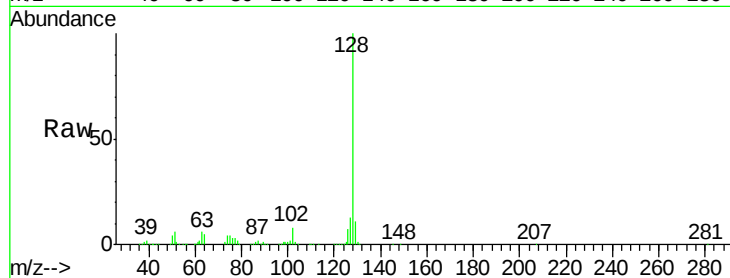
Tgt Ion:128 Resp: 220735

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

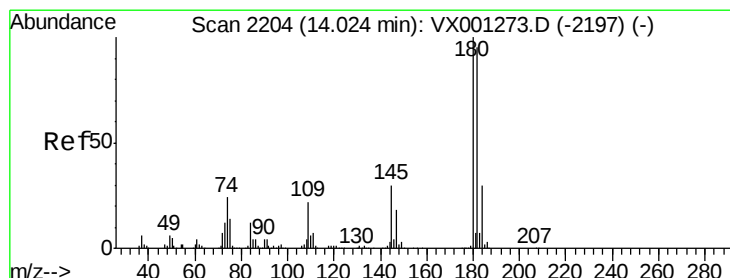
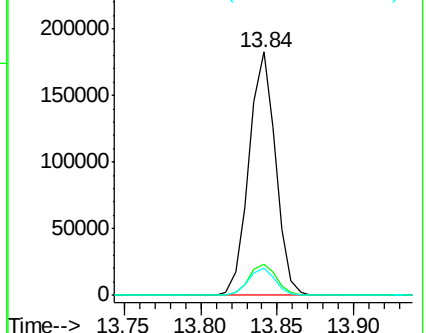
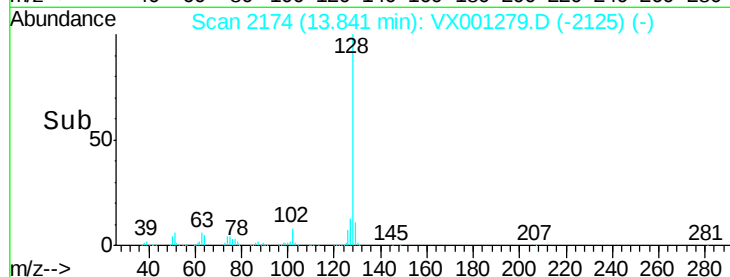
129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.30 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

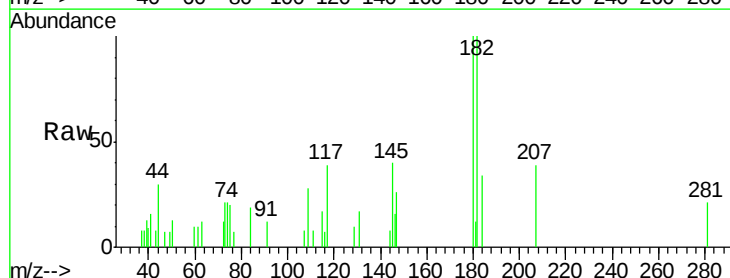
Tgt Ion:180 Resp: 1055

Ion Ratio Lower Upper

180 100

182 102.8 48.1 144.3

145 60.6 14.4 43.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

