

Data File : VX001979.D

Acq On : 25 May 2018 16:10

Operator : JC/MD

Sample : J3015-02

Misc : 6.16g/5mL/100uL/5mL/MSVOA_X/MEOH

ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Quant Time: May 26 00:40:48 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	313853	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	465373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	293187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	275270	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.51	113	215442	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	8.72	98	820322	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.15	95	349457	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	234	Below Cal	#	41
5) Bromomethane	1.64	94	1895	Below Cal		81
10) Methyl Iodide	2.48	142	2241	0.42	ug/l #	94
11) Tert butyl alcohol	3.03	59	23354	21.21	ug/l #	71
13) Acrolein	2.31	56	311	0.65	ug/l #	14
15) Acrylonitrile	3.13	53	2810	1.24	ug/l #	39
18) Methyl Acetate	2.80	43	30628	4.85	ug/l #	58
20) Methylene Chloride	2.84	84	2511	Below Cal	#	52
21) trans-1,2-Dichloroethene	3.15	96	236	Below Cal	#	27
28) Bromochloromethane	5.01	49	19	Below Cal	#	14
29) Tetrahydrofuran	5.21	42	5440	2.11	ug/l #	10
31) Cyclohexane	5.56	56	114288	14.78	ug/l #	93
36) 1,1-Dichloropropene	5.66	75	22207	3.43	ug/l #	52
38) Carbon Tetrachloride	5.66	117	28951	3.84	ug/l #	14
39) Methylcyclohexane	7.46	83	422395	53.11	ug/l	99
40) Benzene	6.13	78	4221	0.22	ug/l	98
41) Methacrylonitrile	5.03	41	2177	Below Cal	#	38
43) Isopropyl Acetate	6.43	43	7704	0.55	ug/l #	69
47) Bromodichloromethane	7.94	83	16977	2.34	ug/l #	26
48) Methyl methacrylate	7.78	41	12895	1.80	ug/l #	82
51) 4-Methyl-2-Pentanone	8.68	43	70311	8.29	ug/l #	63
52) Toluene	8.79	92	5883	0.49	ug/l	91
55) 1,1,2-Trichloroethane	9.27	97	2545	0.50	ug/l #	1
56) Ethyl methacrylate	9.16	69	17596	2.03	ug/l #	1
59) 2-Hexanone	9.55	43	43288	6.62	ug/l #	45
67) Ethyl Benzene	10.26	91	550877	21.89	ug/l	98
68) m/p-Xylenes	10.37	106	944972	98.24	ug/l	100
69) o-Xylene	10.71	106	149526	15.57	ug/l	100
70) Styrene	10.71	104	8328	0.52	ug/l #	1
73) Isopropylbenzene	11.02	105	101830	4.10	ug/l	100
74) N-amyl acetate	6.43	43	7704	Below Cal	#	65
75) 1,1,2,2-Tetrachloroethane	11.28	83	13302	0.71	ug/l #	25
76) 1,2,3-Trichloropropane	11.44	75	17333	2.46	ug/l #	1
78) n-propylbenzene	11.37	91	364515	13.11	ug/l	100

Data File : VX001979.D
Acq On : 25 May 2018 16:10
Operator : JC/MD
Sample : J3015-02
Misc : 6.16g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

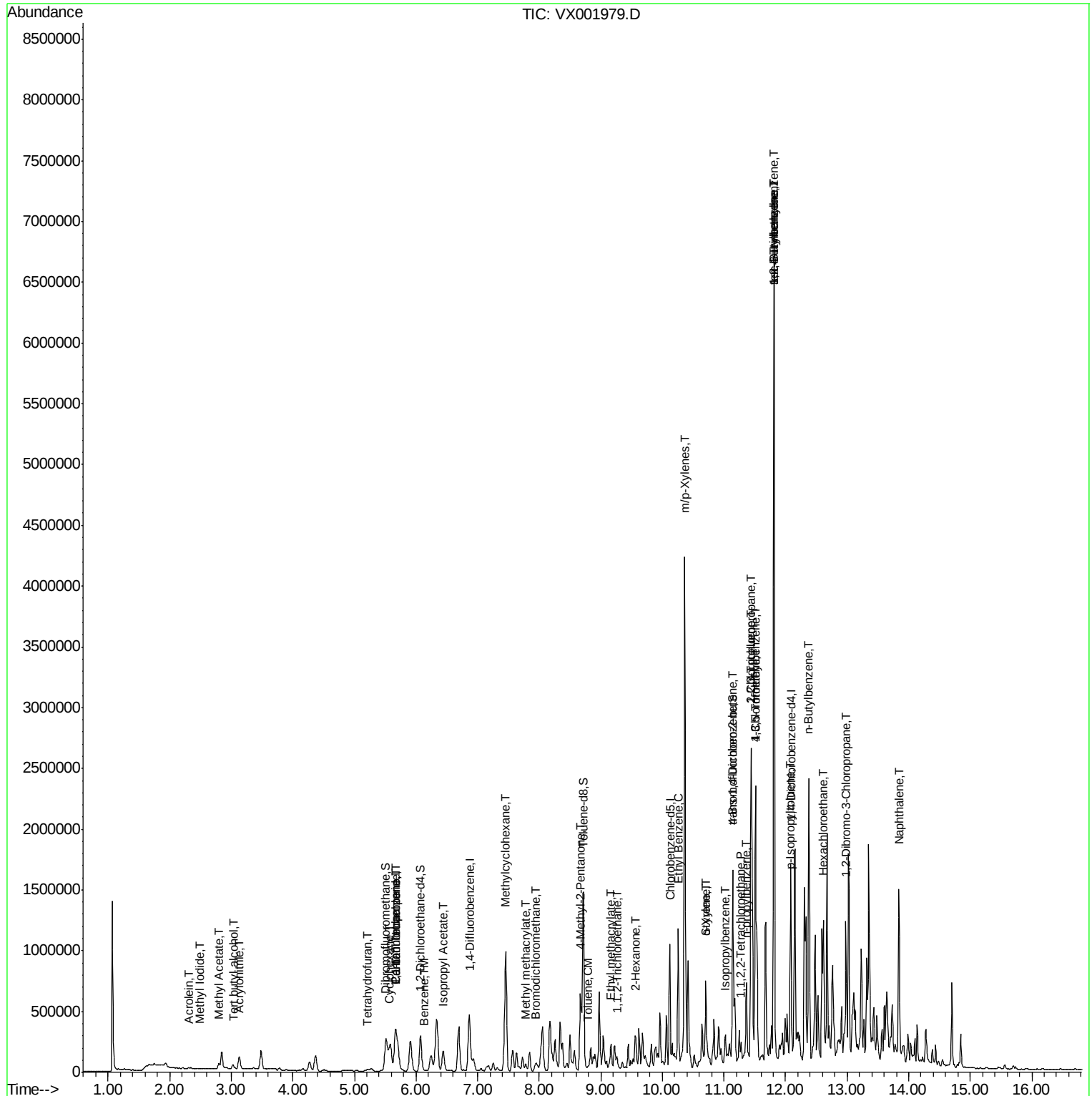
Quant Time: May 26 00:40:48 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

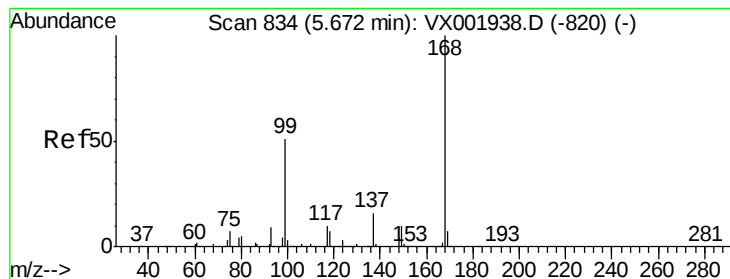
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.44	91	238233	13.96	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	915849	43.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.15	75	176768	60.33	ug/l #	12
82) 4-Chlorotoluene	11.51	91	100436	5.12	ug/l #	45
83) tert-Butylbenzene	11.82	119	376123	18.07	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.82	105	3031923	138.28	ug/l	98
85) sec-Butylbenzene	11.82	105	3031923	121.14	ug/l #	55
86) p-Isopropyltoluene	12.07	119	55772	2.49	ug/l	97
89) n-Butylbenzene	12.38	91	284585	15.00	ug/l #	13
90) Hexachloroethane	12.62	117	40389	9.14	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3598	1.63	ug/l #	1
95) Naphthalene	13.84	128	862397	32.57	ug/l	99

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

ALS Vial : 14 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

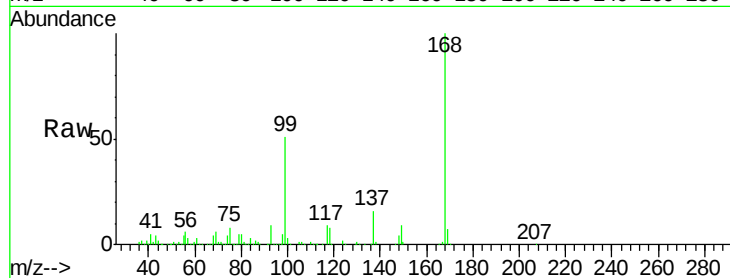
T1-3-SWN-9.5-10

Tgt Ion:168 Resp: 313853

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

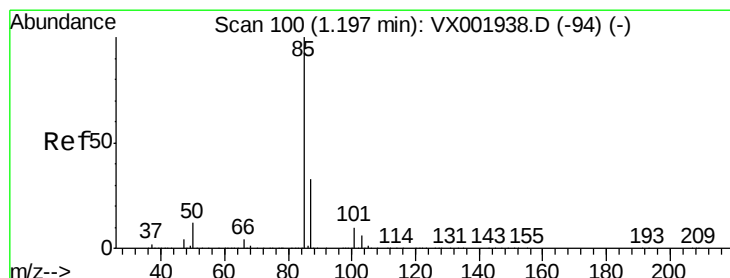
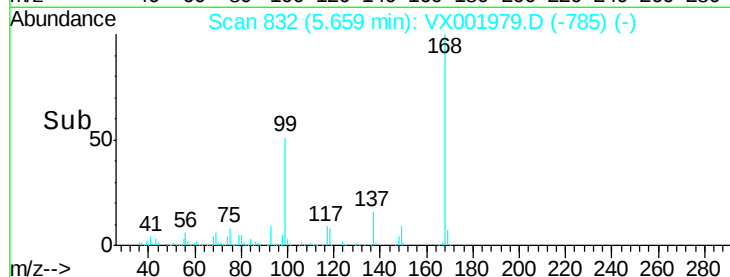
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX001979.D

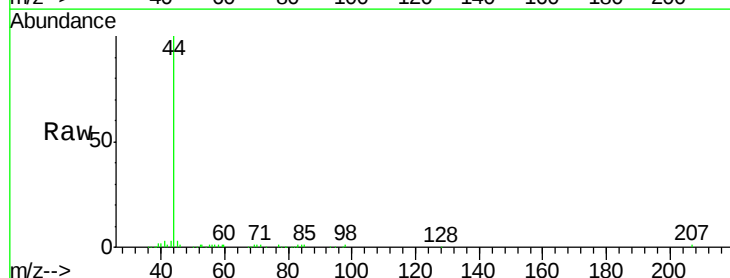
Acq: 25 May 2018 16:10

Tgt Ion: 85 Resp: 234

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.21

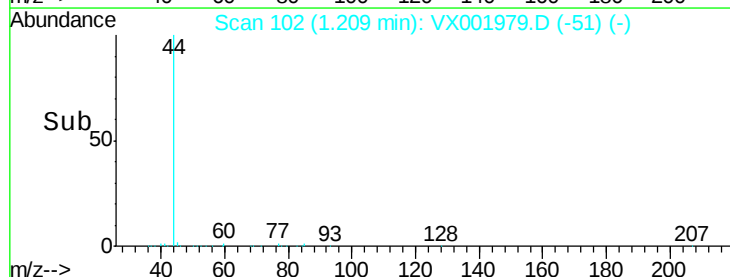
150

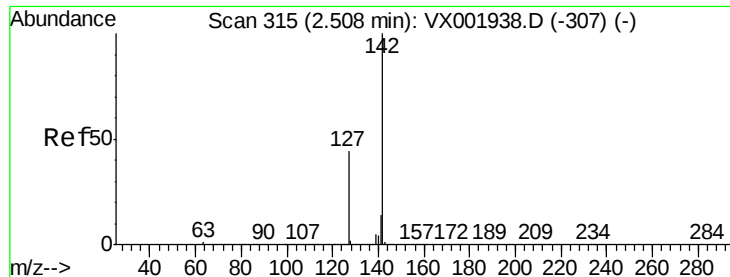
100

50

0

Time-->

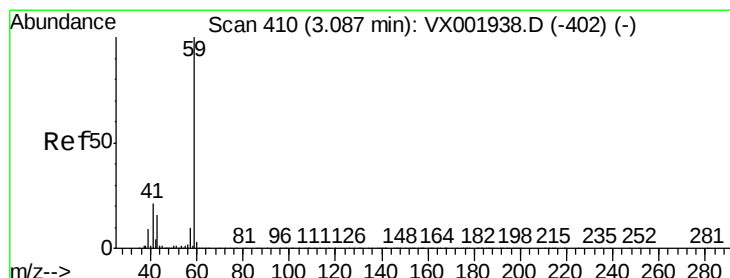
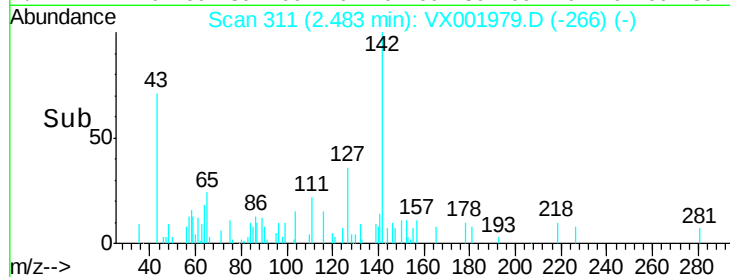
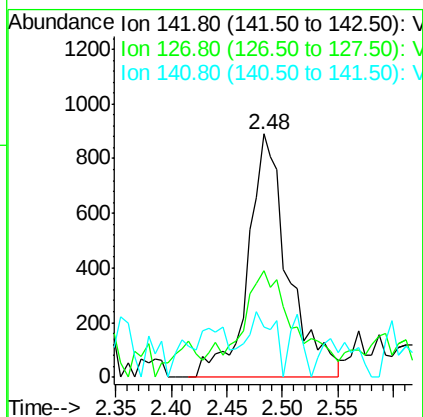
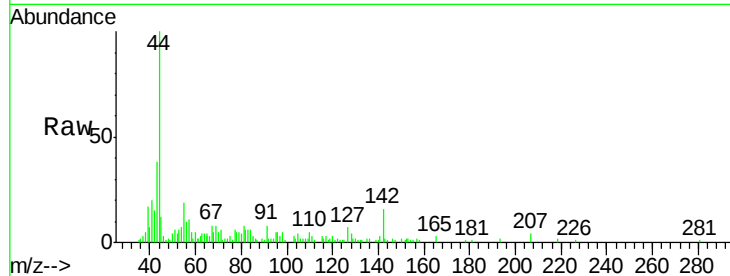




#10
Methyl Iodide
Concen: 0.42 ug/l
RT: 2.48 min Scan# 311
Delta R.T. -0.02 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

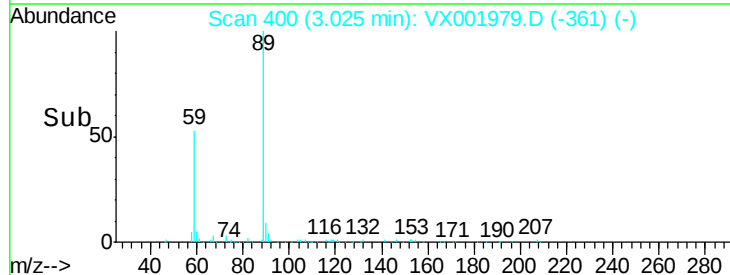
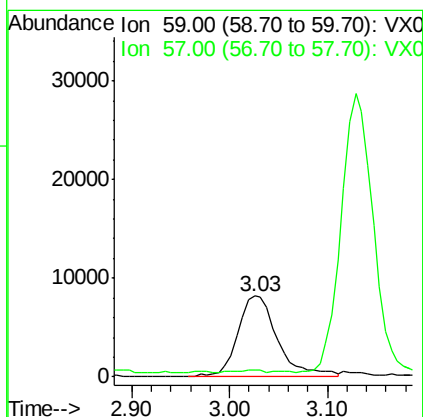
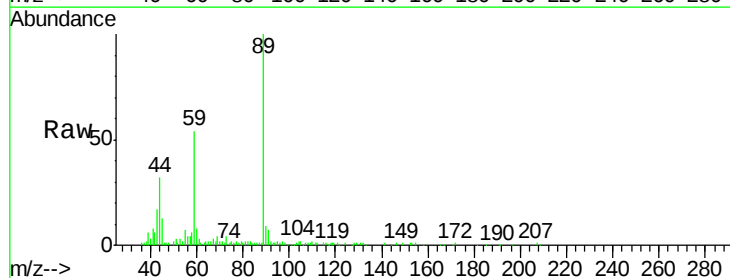
Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

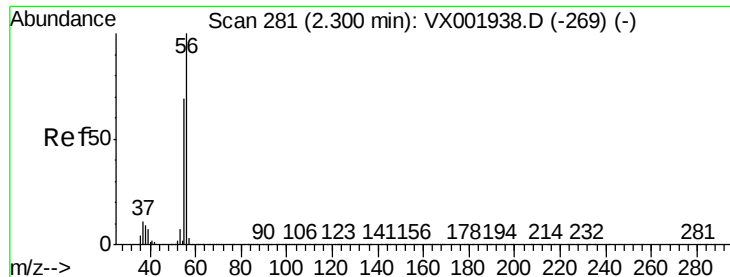
Tgt Ion: 142 Resp: 2241
Ion Ratio Lower Upper
142 100
127 41.5 35.5 53.3
141 17.6 11.3 16.9#



#11
Tert butyl alcohol
Concen: 21.21 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion: 59 Resp: 23354
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#13

Acrolein

Concen: 0.65 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

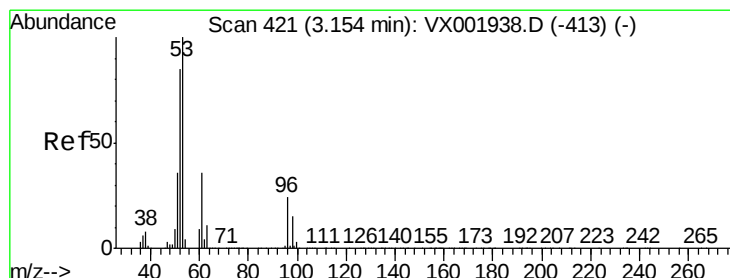
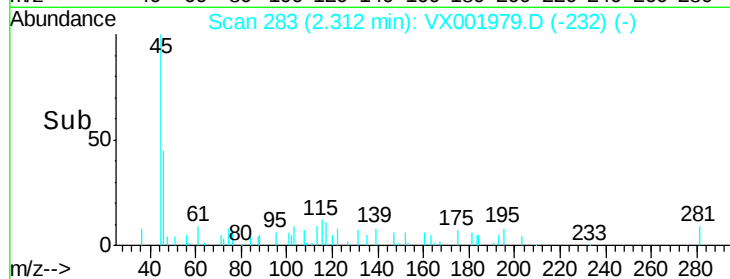
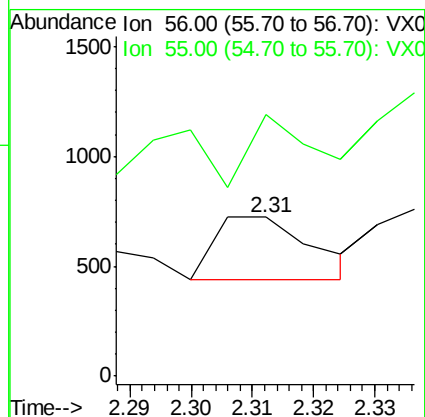
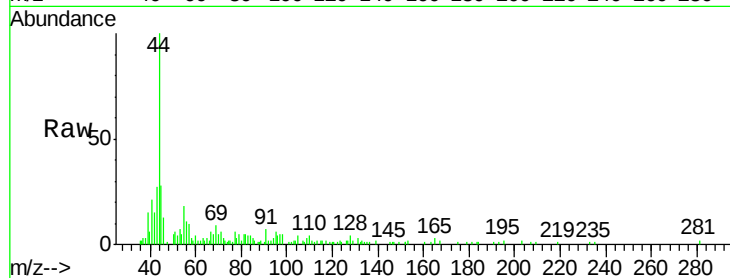
T1-3-SWN-9.5-10

Tgt Ion: 56 Resp: 311

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#



#15

Acrylonitrile

Concen: 1.24 ug/l

RT: 3.13 min Scan# 417

Delta R.T. -0.02 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

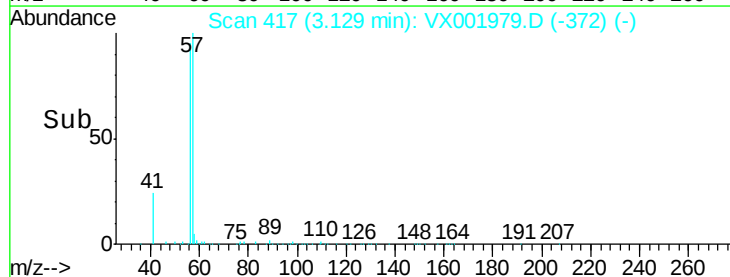
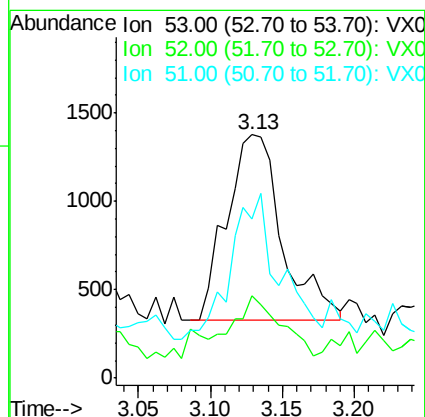
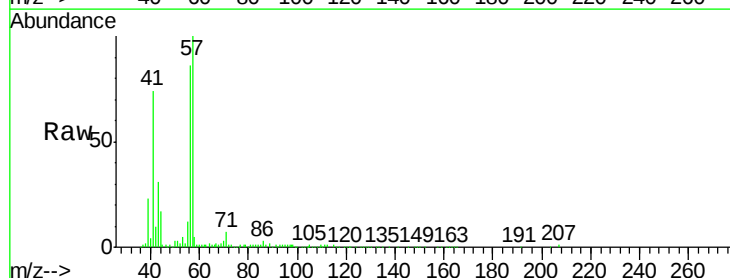
Tgt Ion: 53 Resp: 2810

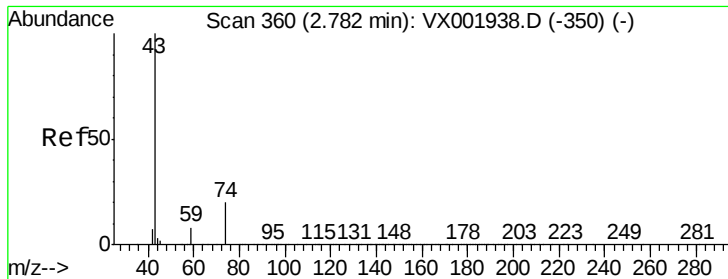
Ion Ratio Lower Upper

53 100

52 27.3 66.4 99.6#

51 72.6 29.3 43.9#

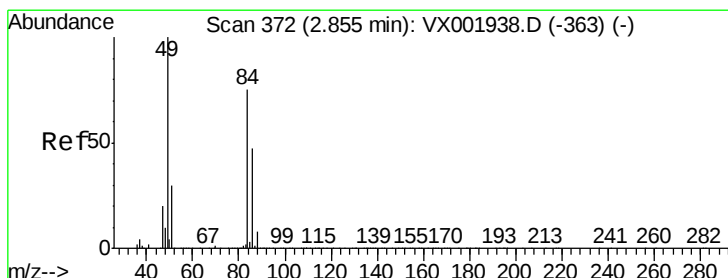
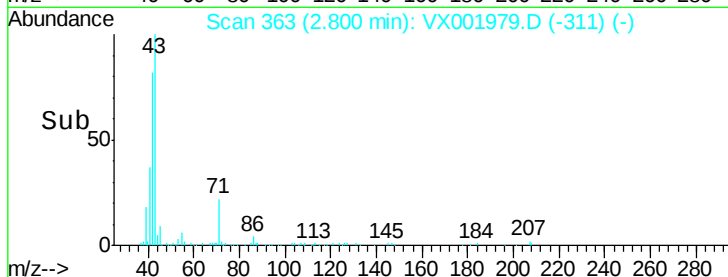
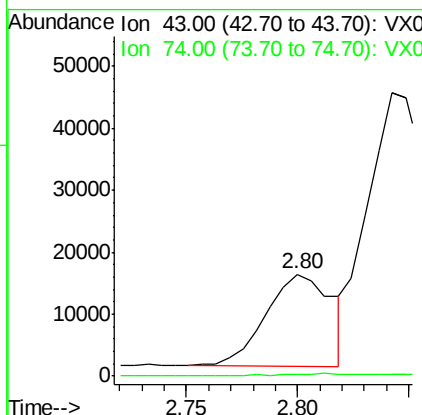
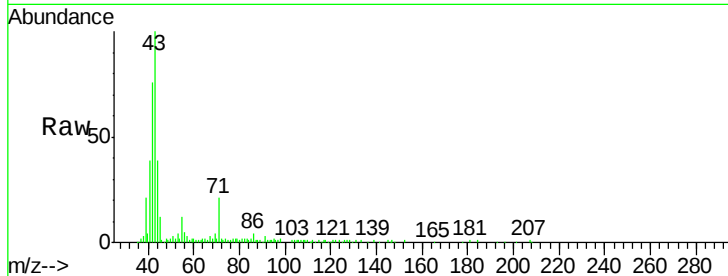




#18
Methyl Acetate
Concen: 4.85 ug/l
RT: 2.80 min Scan# 363
Delta R.T. 0.02 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

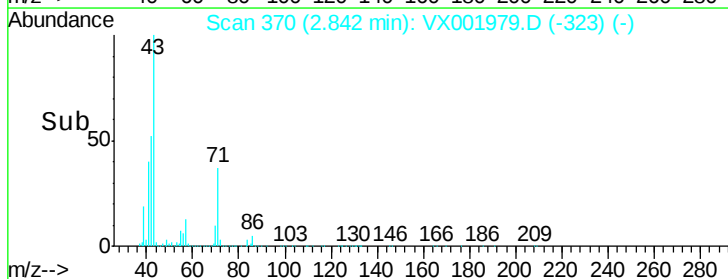
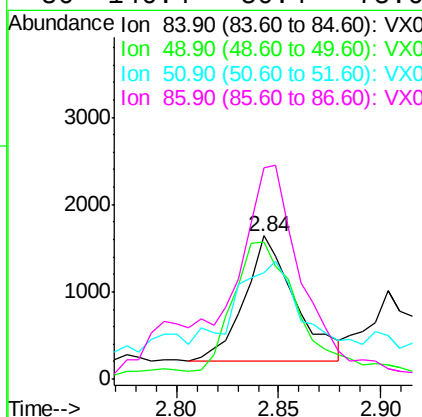
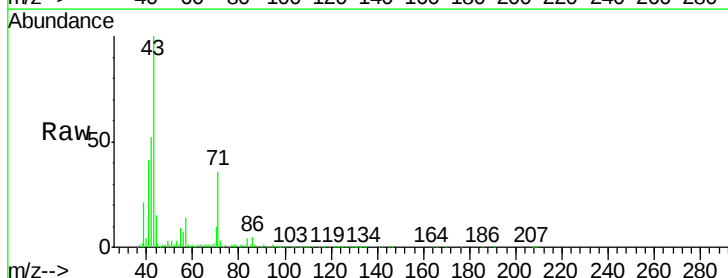
Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

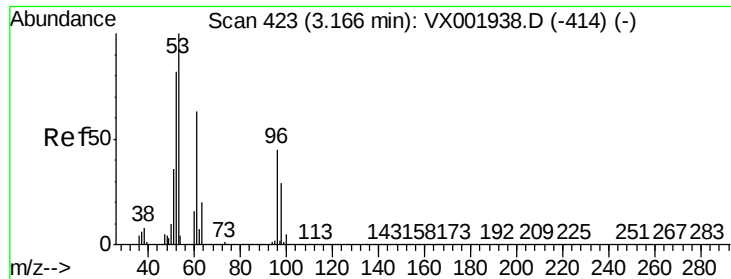
Tgt Ion: 43 Resp: 30628
Ion Ratio Lower Upper
43 100
74 1.4 16.8 25.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion: 84 Resp: 2511
Ion Ratio Lower Upper
84 100
49 102.9 107.2 160.8#
51 56.8 32.4 48.6#
86 146.4 50.4 75.6#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.15 min Scan# 420

Delta R.T. -0.02 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10

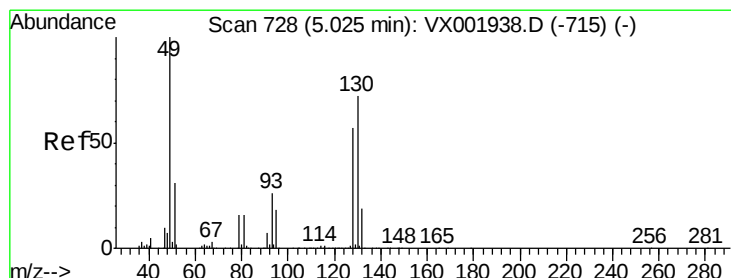
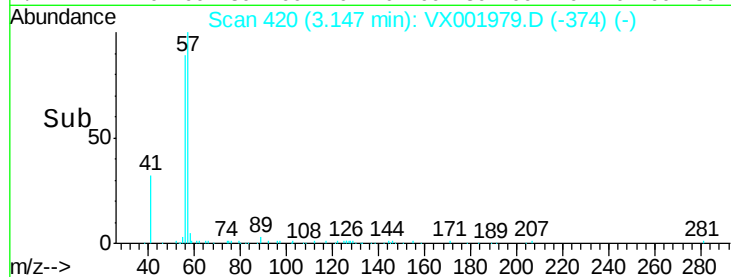
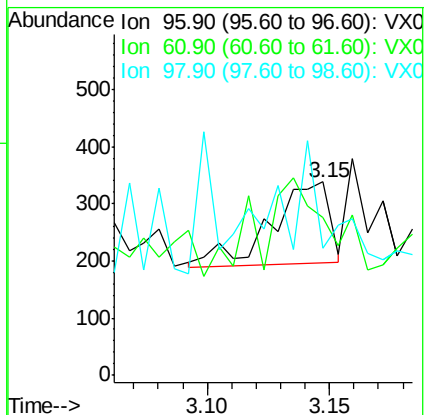
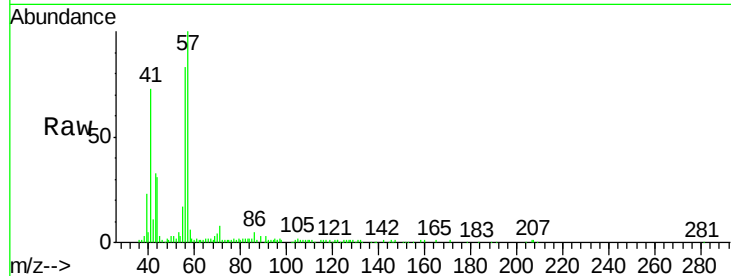
Tgt Ion: 96 Resp: 236

Ion Ratio Lower Upper

96 100

61 34.8 113.3 169.9#

98 31.9 51.7 77.5#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 725

Delta R.T. -0.02 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

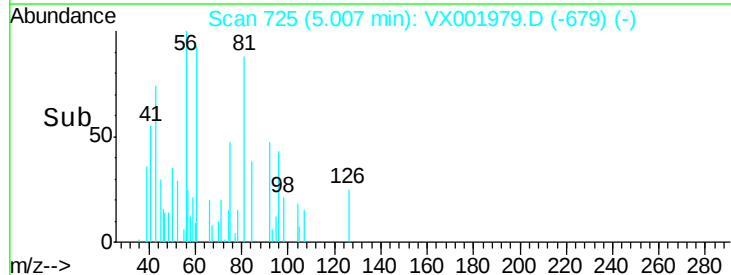
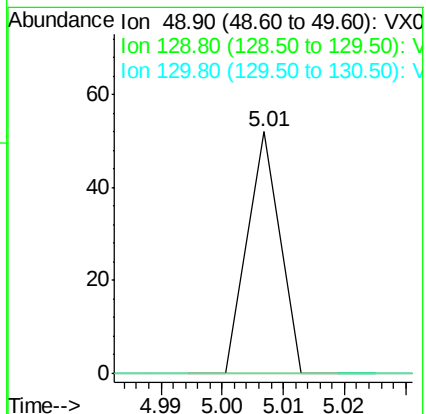
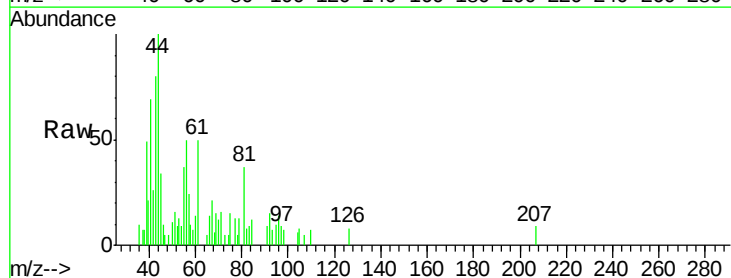
Tgt Ion: 49 Resp: 19

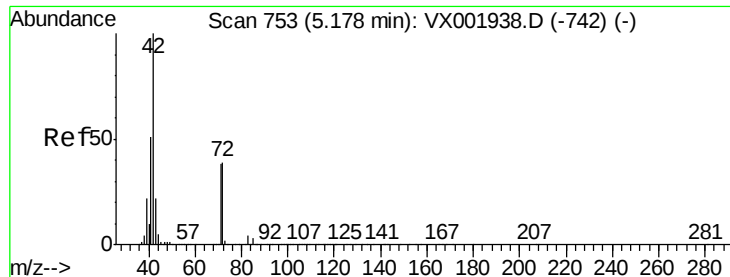
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 59.4 89.2#





#29

Tetrahydrofuran

Concen: 2.11 ug/l

RT: 5.21 min Scan# 758

Delta R.T. 0.03 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10

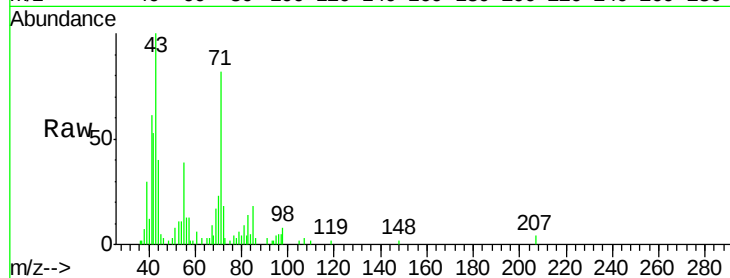
Tgt Ion: 42 Resp: 5440

Ion Ratio Lower Upper

42 100

72 39.1 31.4 47.0

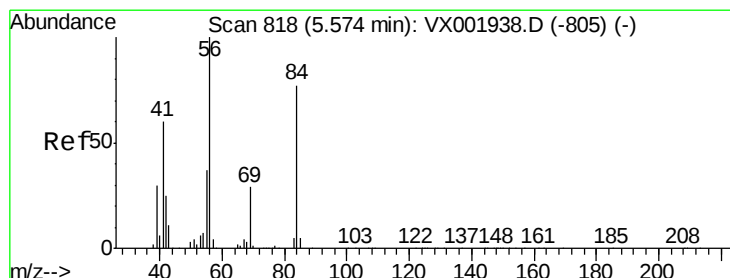
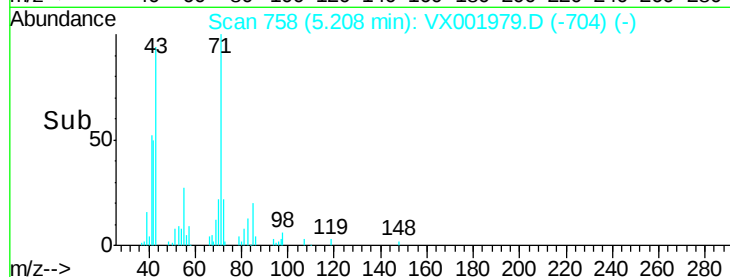
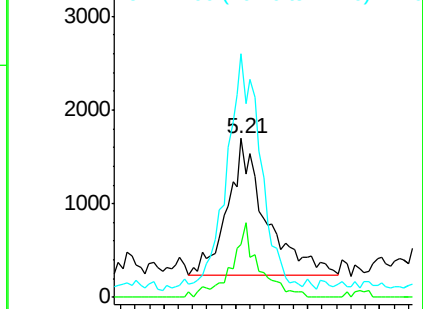
71 147.0 29.5 44.3#



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



#31

Cyclohexane

Concen: 14.78 ug/l

RT: 5.56 min Scan# 815

Delta R.T. -0.02 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

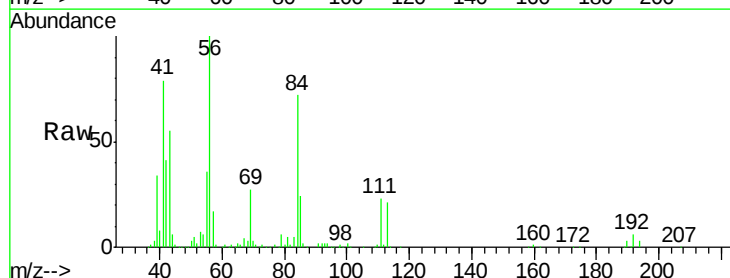
Tgt Ion: 56 Resp: 114288

Ion Ratio Lower Upper

56 100

69 22.0 23.1 34.7#

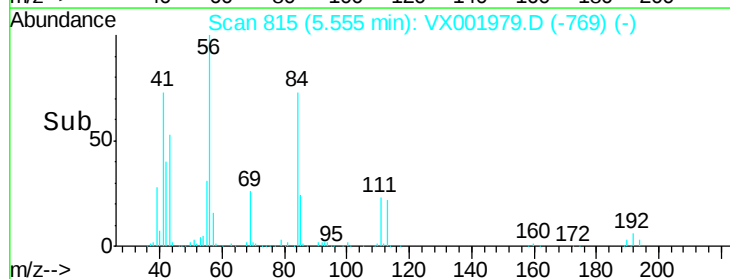
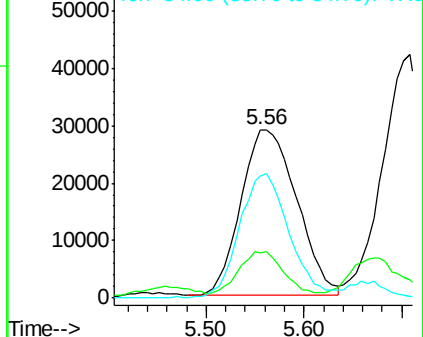
84 73.3 62.0 93.0

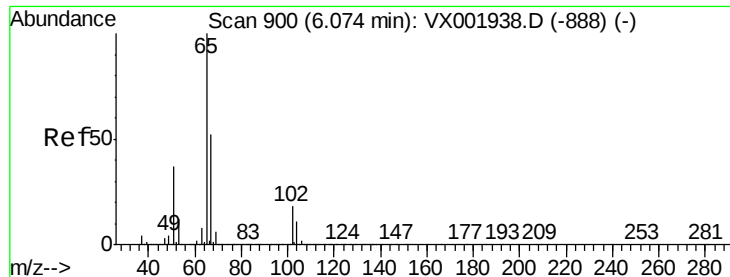


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.07 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

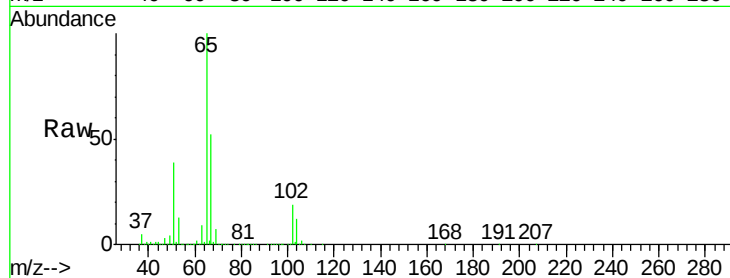
T1-3-SWN-9.5-10

Tgt Ion: 65 Resp: 275270

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

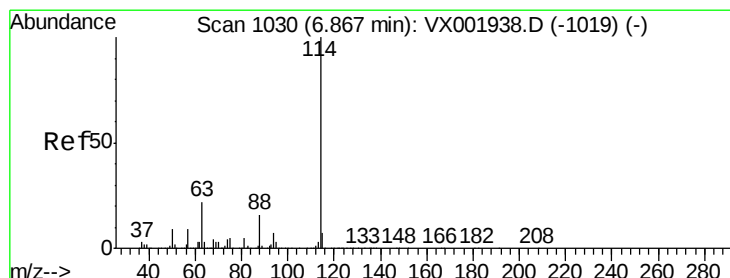
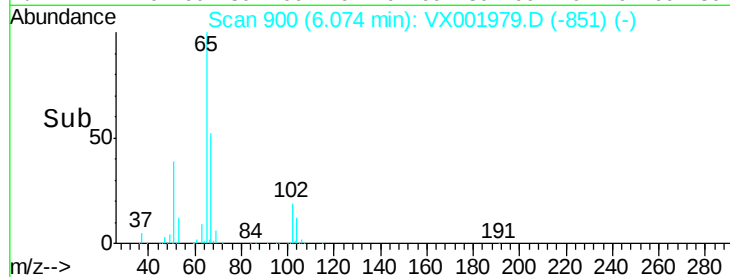
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

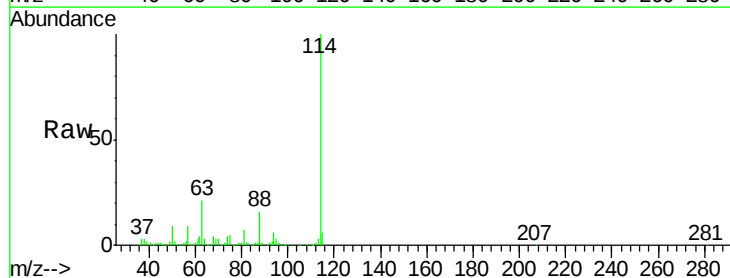
Tgt Ion: 114 Resp: 465373

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 15.6 0.0 31.6



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

250000

200000

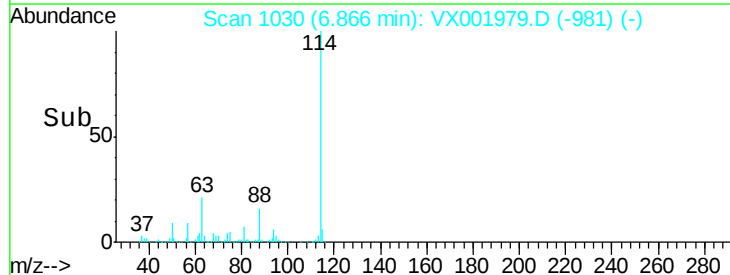
150000

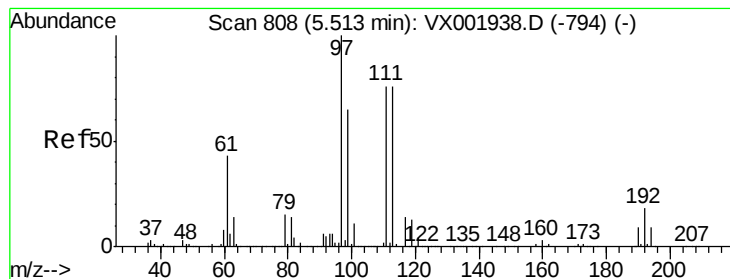
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 46.29 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10

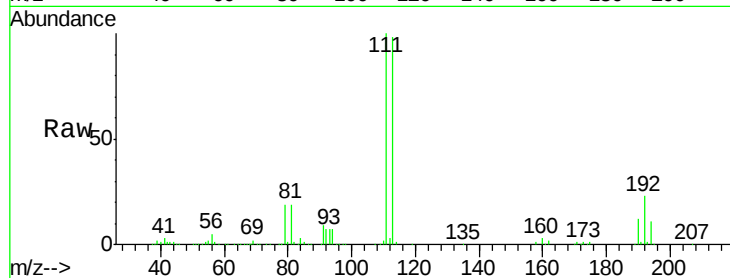
Tgt Ion:113 Resp: 215442

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

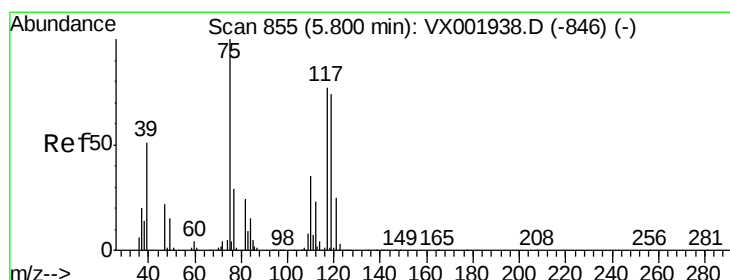
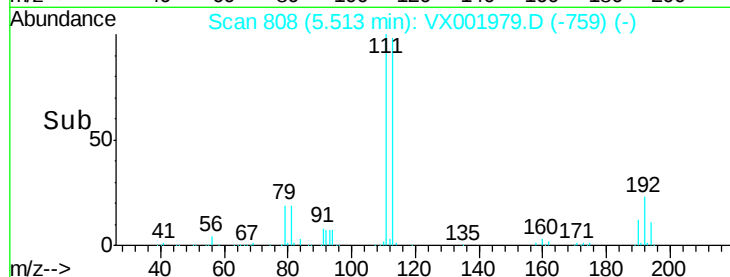
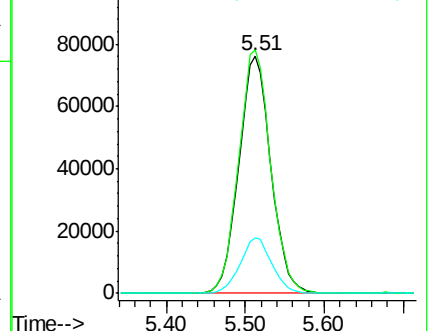
192 23.2 18.9 28.3



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: 3.43 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

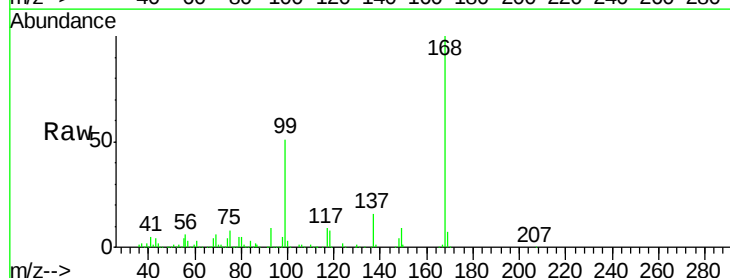
Tgt Ion: 75 Resp: 22207

Ion Ratio Lower Upper

75 100

110 10.7 17.4 52.2#

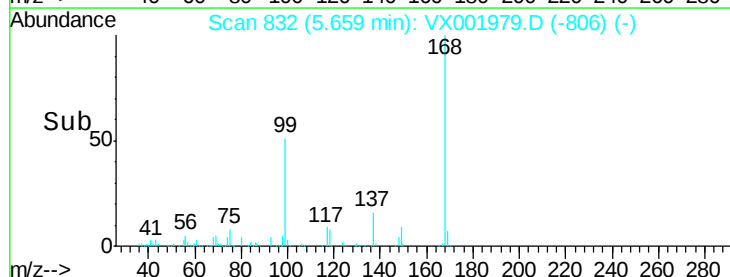
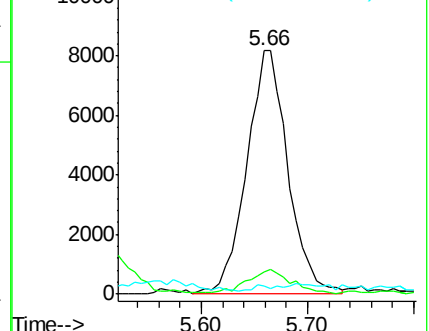
77 0.8 24.4 36.6#

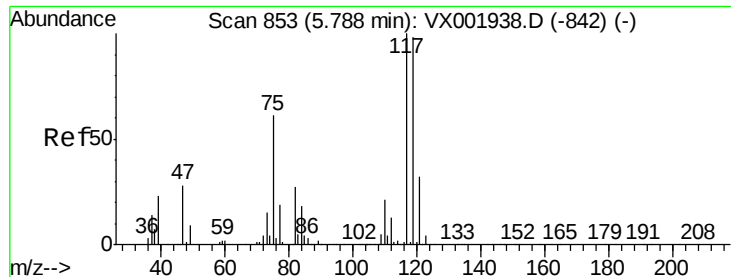


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 3.84 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampled :

T1-3-SWN-9.5-10

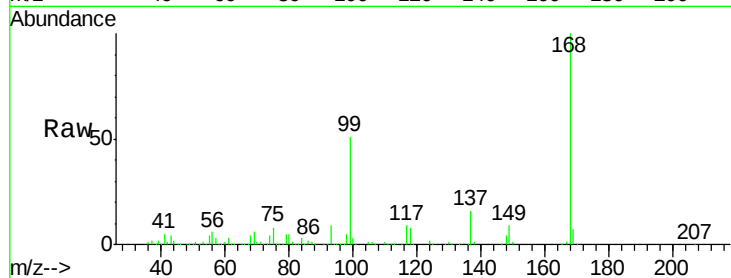
Tgt Ion:117 Resp: 28951

Ion Ratio Lower Upper

117 100

119 4.4 78.5 117.7#

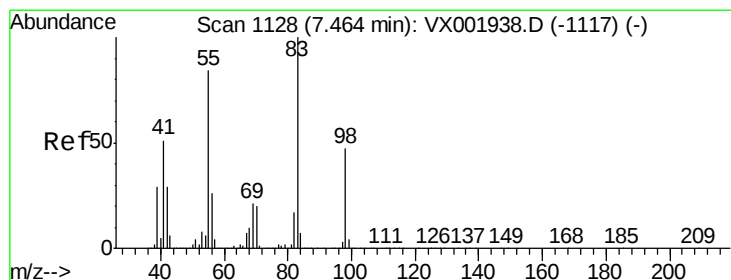
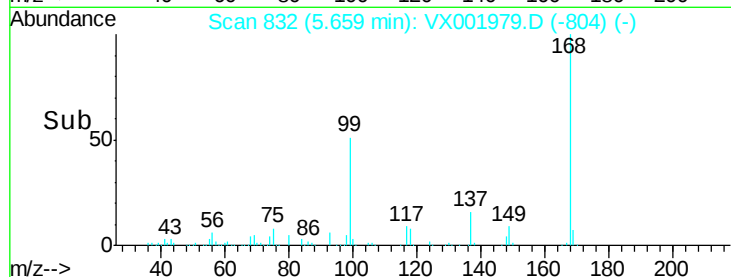
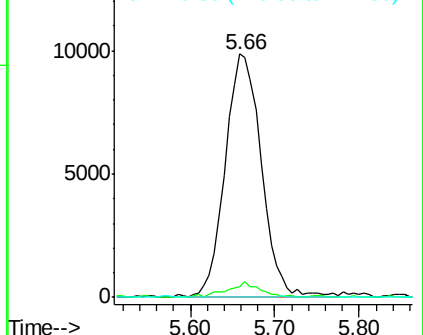
121 0.0 25.5 38.3#



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



#39

Methylcyclohexane

Concen: 53.11 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

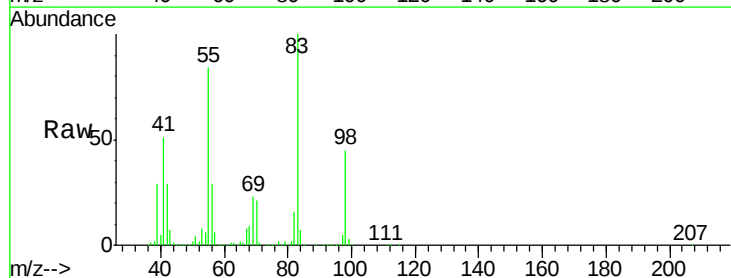
Tgt Ion: 83 Resp: 422395

Ion Ratio Lower Upper

83 100

55 83.9 67.3 100.9

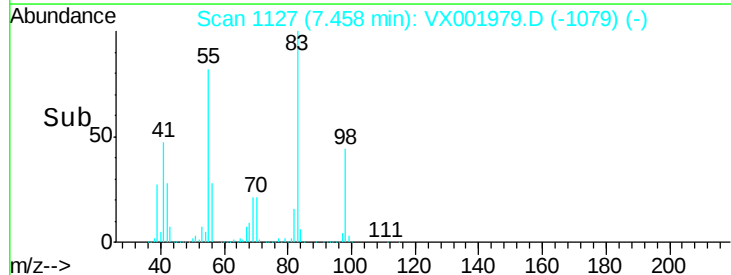
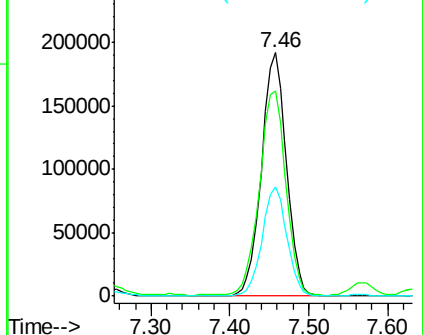
98 44.8 37.5 56.3

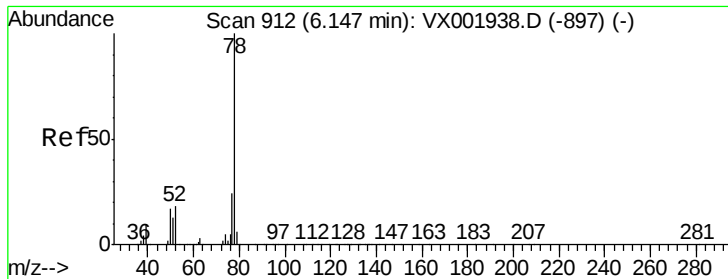


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.22 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

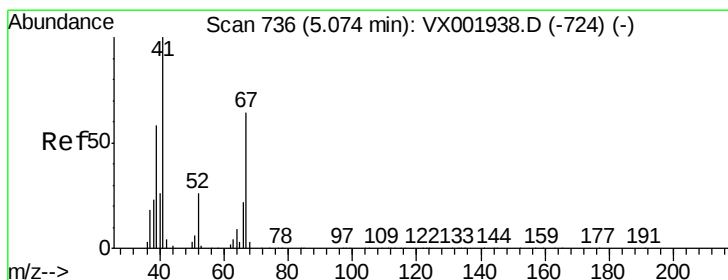
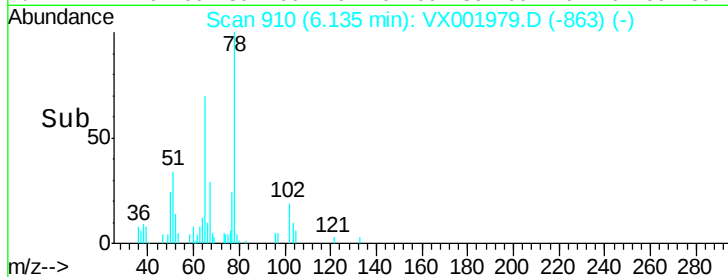
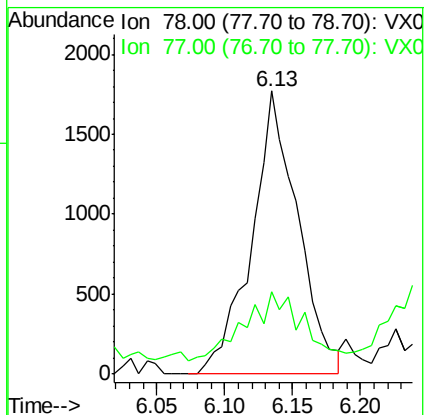
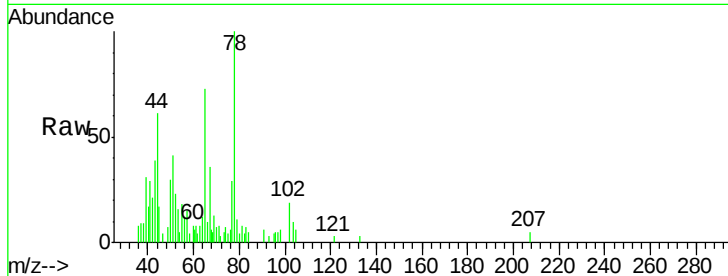
T1-3-SWN-9.5-10

Tgt Ion: 78 Resp: 4221

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7



#41

Methacrylonitrile

Concen: Below Cal

RT: 5.03 min Scan# 729

Delta R.T. -0.04 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Tgt Ion: 41 Resp: 2177

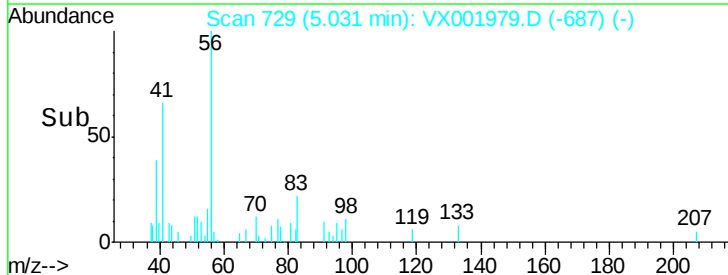
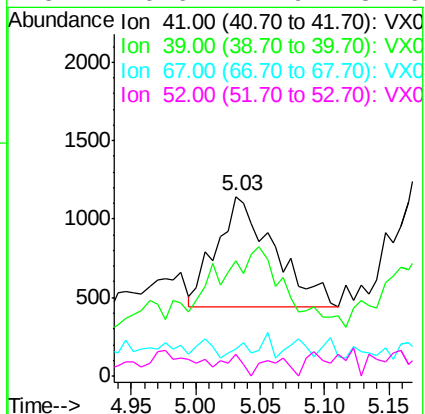
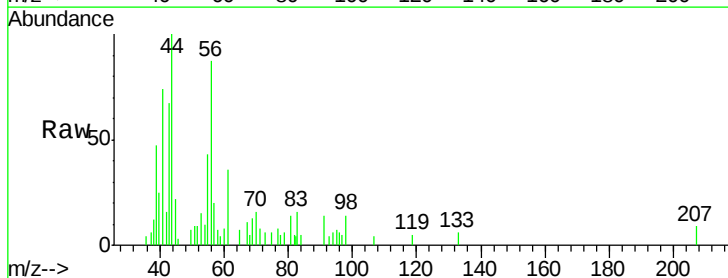
Ion Ratio Lower Upper

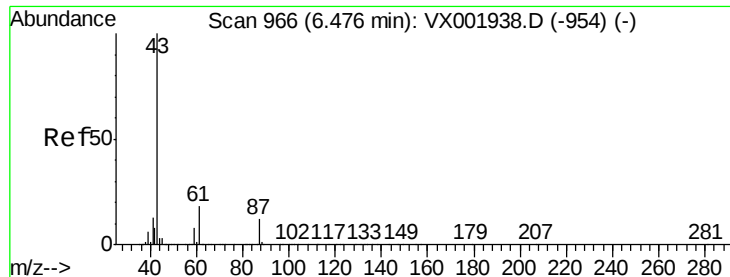
41 100

39 20.4 46.0 69.0#

67 0.0 50.6 75.8#

52 6.6 21.9 32.9#





#43

Isopropyl Acetate

Concen: 0.55 ug/l

RT: 6.43 min Scan# 959

Delta R.T. -0.04 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampled :

T1-3-SWN-9.5-10

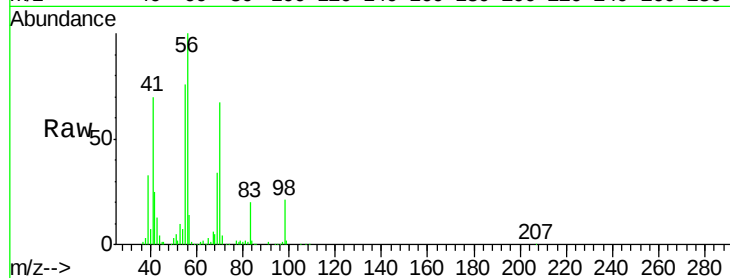
Tgt Ion: 43 Resp: 7704

Ion Ratio Lower Upper

43 100

61 4.1 14.5 21.7#

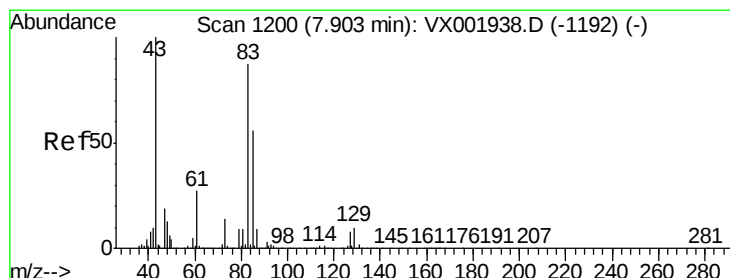
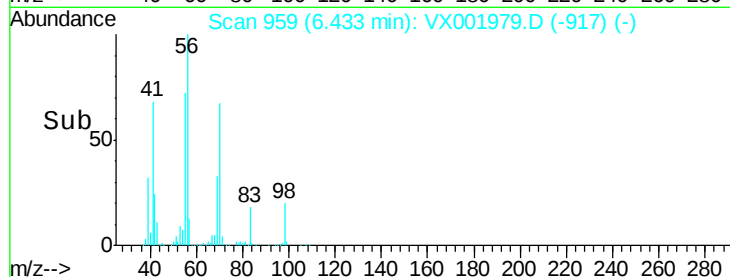
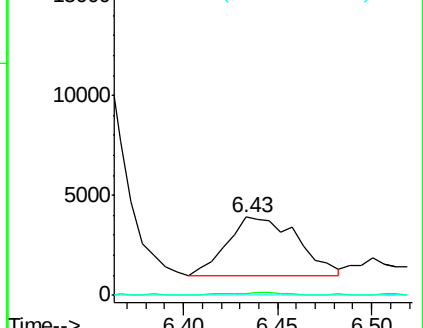
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 2.34 ug/l

RT: 7.94 min Scan# 1206

Delta R.T. 0.04 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

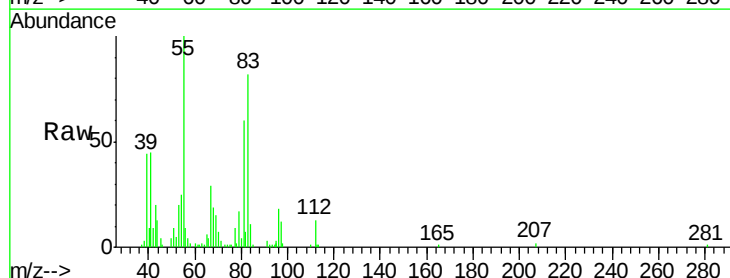
Tgt Ion: 83 Resp: 16977

Ion Ratio Lower Upper

83 100

85 0.5 51.4 77.2#

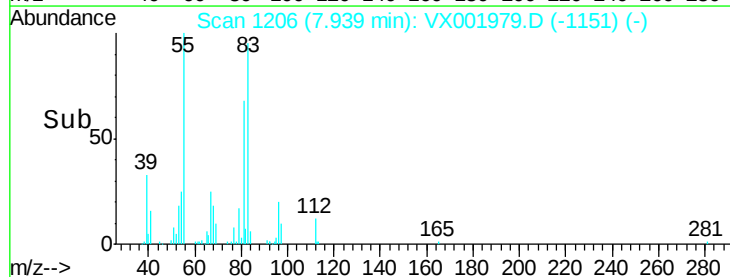
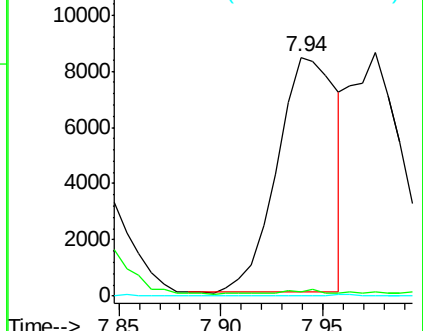
127 0.0 7.1 10.7#

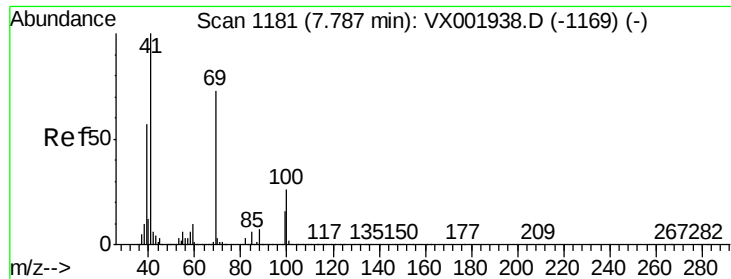


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

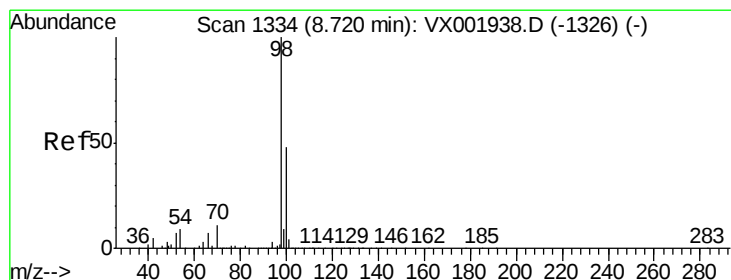
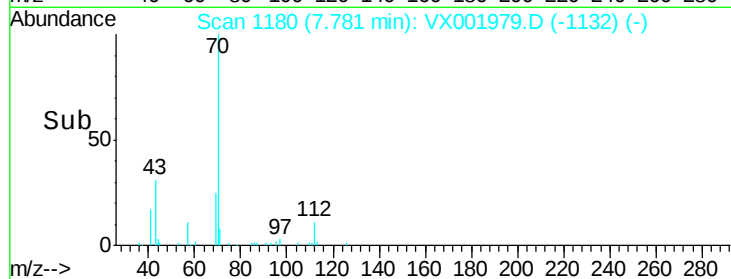
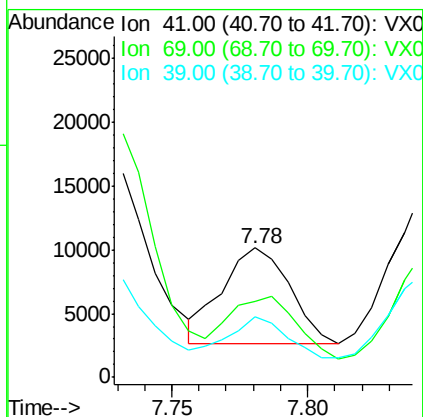
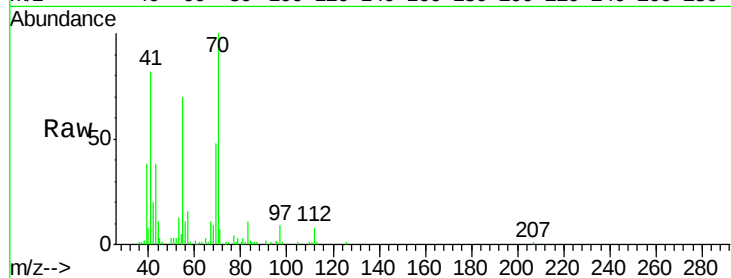




#48
Methyl methacrylate
Concen: 1.80 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

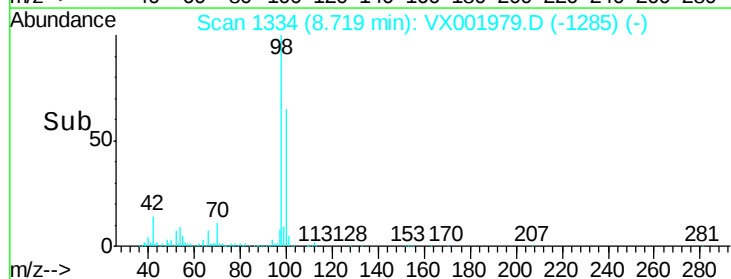
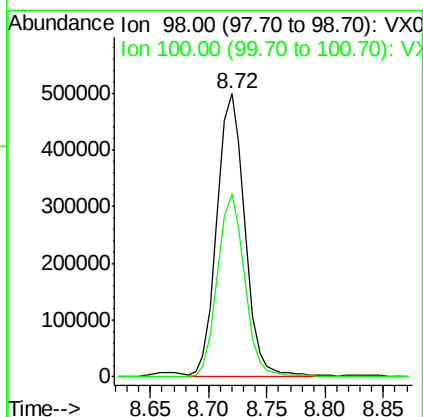
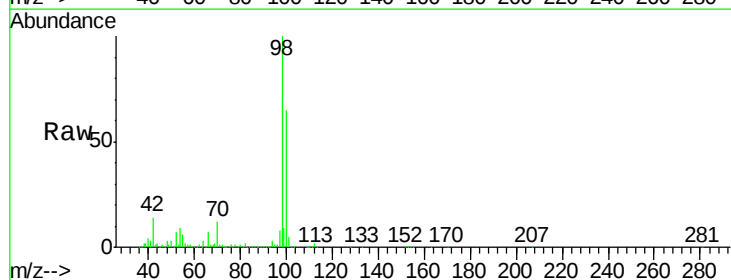
Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

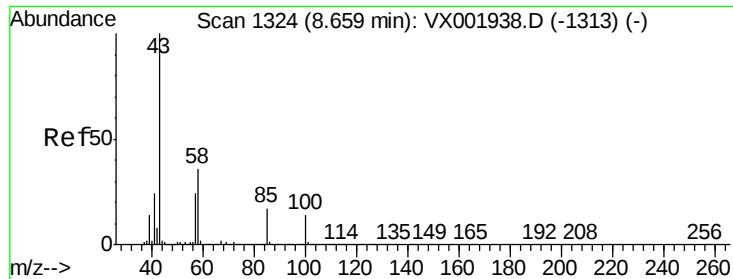
Tgt Ion: 41 Resp: 12895
Ion Ratio Lower Upper
41 100
69 66.2 58.6 87.8
39 35.6 46.3 69.5#



#50
Toluene-d8
Concen: 48.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion: 98 Resp: 820322
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

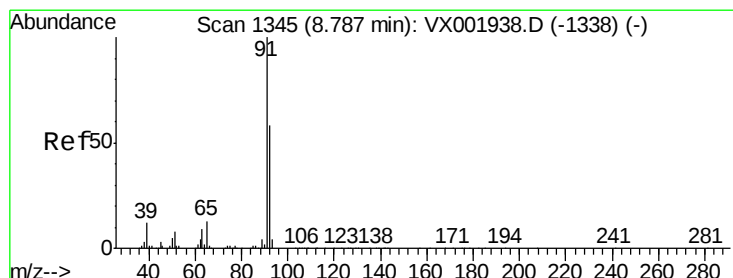
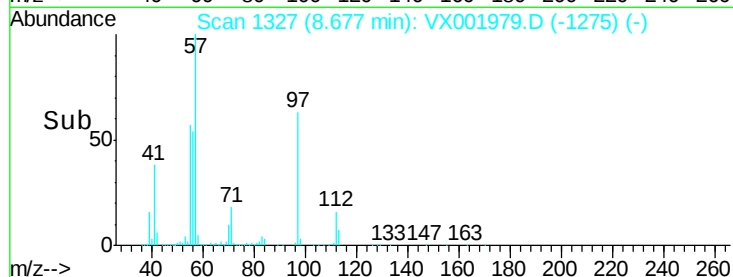
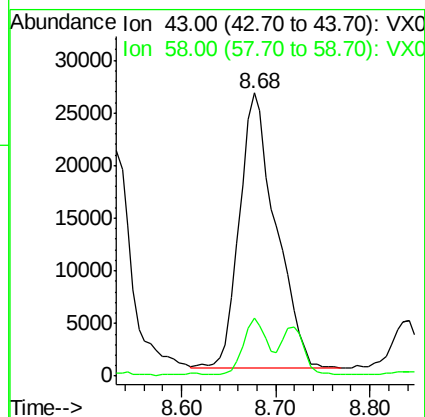
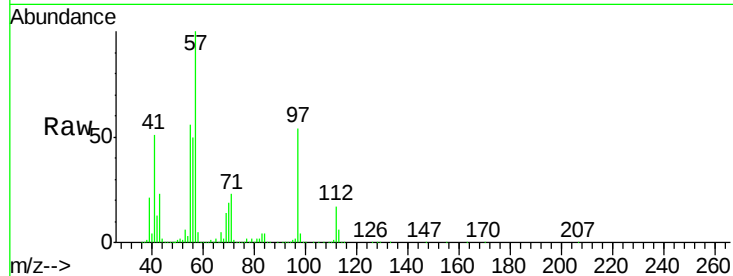




#51
 4-Methyl-2-Pentanone
 Concen: 8.29 ug/l
 RT: 8.68 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

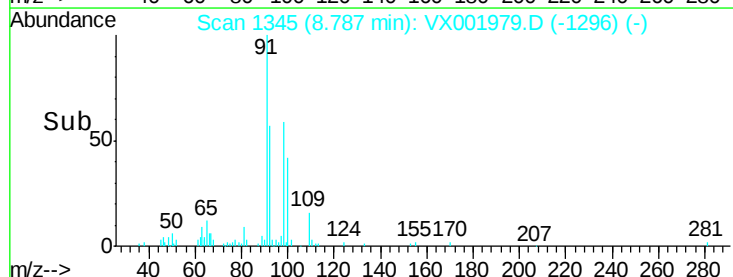
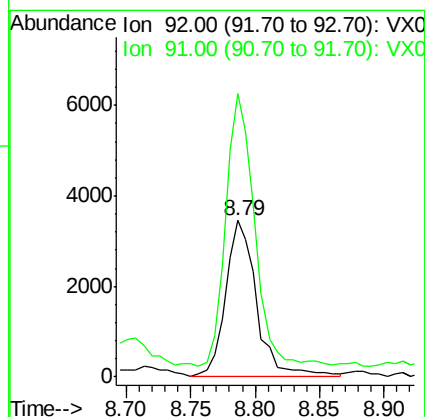
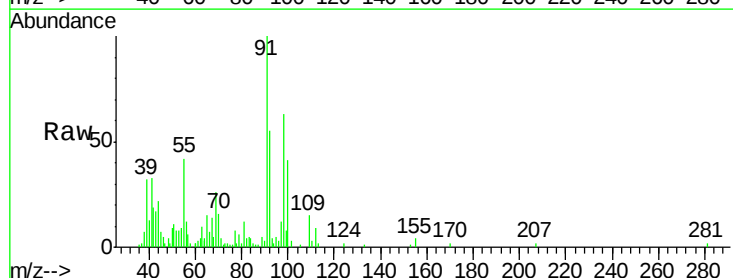
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWN-9.5-10

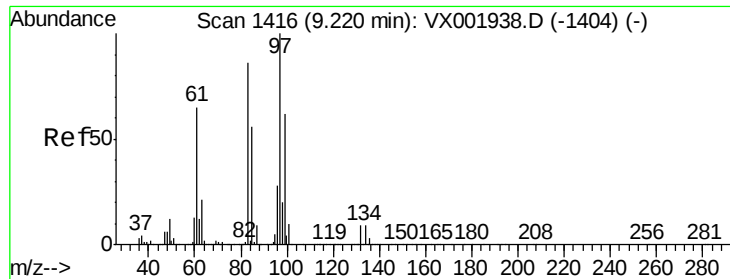
Tgt Ion: 43 Resp: 70311
 Ion Ratio Lower Upper
 43 100
 58 14.0 28.5 42.7#



#52
 Toluene
 Concen: 0.49 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Tgt Ion: 92 Resp: 5883
 Ion Ratio Lower Upper
 92 100
 91 161.6 139.4 209.2

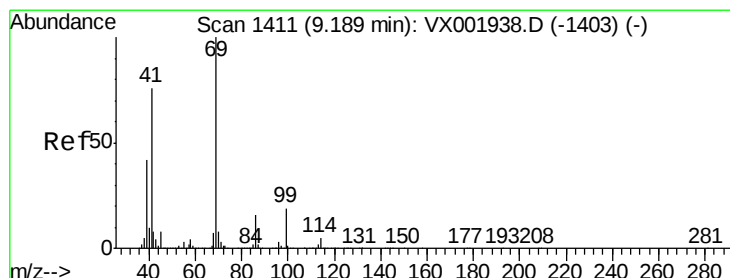
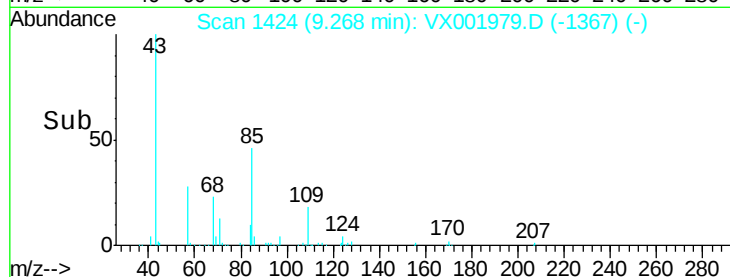
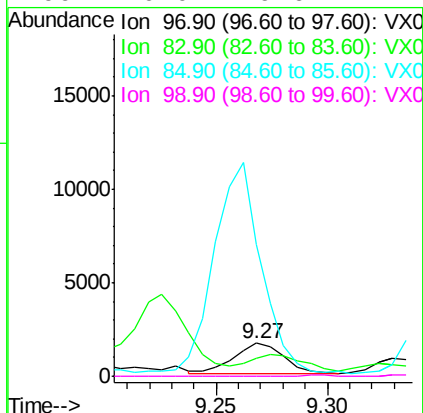
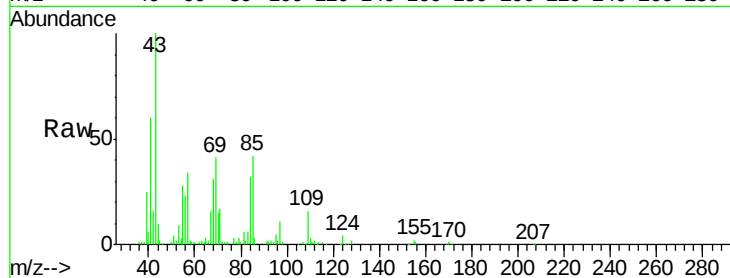




#55
 1,1,2-Trichloroethane
 Concen: 0.50 ug/l
 RT: 9.27 min Scan# 1424
 Delta R.T. 0.05 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

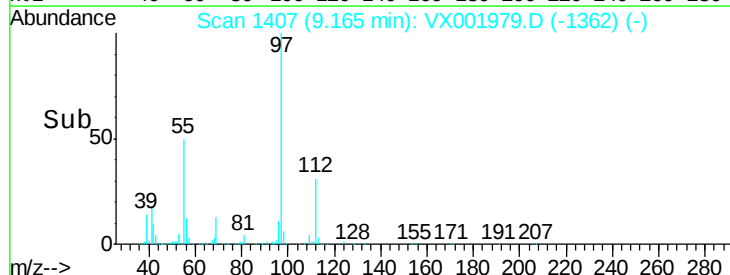
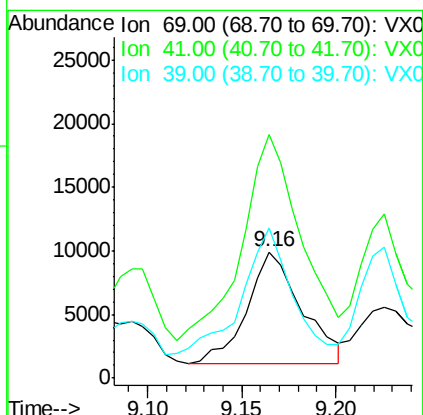
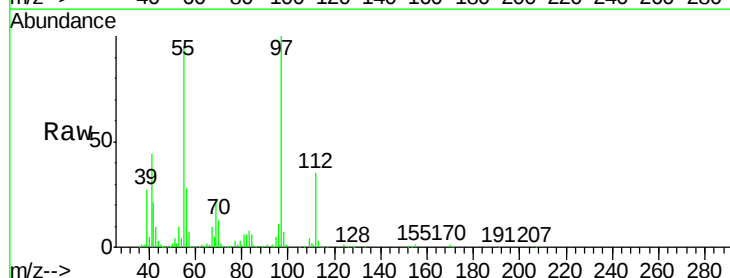
Instrument :
 MSVOA_X
 ClientSampled :
 T1-3-SWN-9.5-10

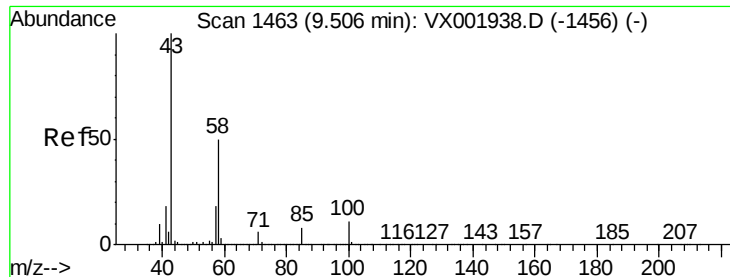
Tgt Ion: 97 Resp: 2545
 Ion Ratio Lower Upper
 97 100
 83 41.9 69.1 103.7#
 85 421.0 45.2 67.8#
 99 0.0 49.6 74.4#



#56
 Ethyl methacrylate
 Concen: 2.03 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Tgt Ion: 69 Resp: 17596
 Ion Ratio Lower Upper
 69 100
 41 197.2 61.0 91.6#
 39 99.5 34.4 51.6#

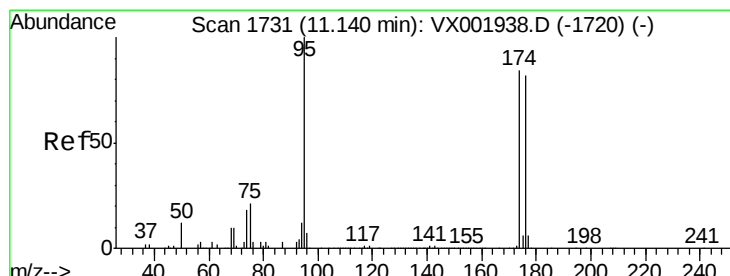
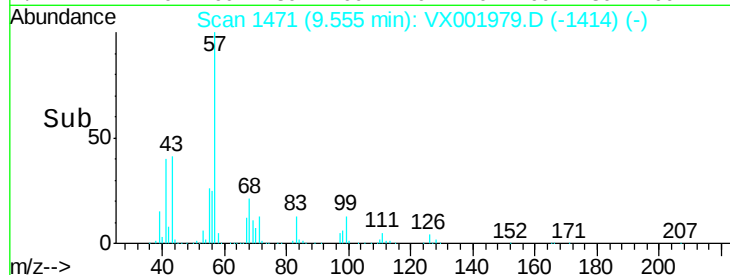
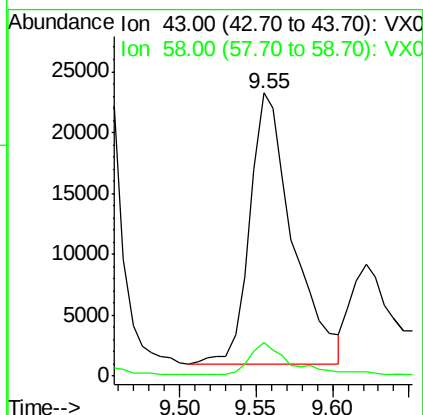
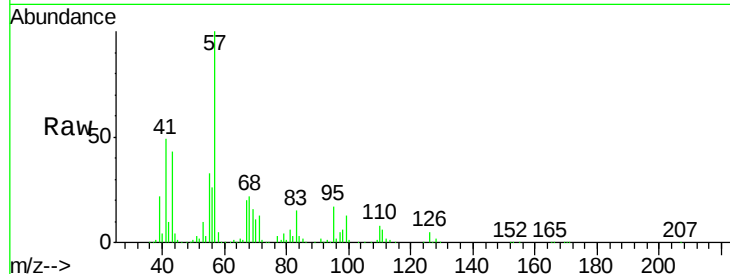




#59
2-Hexanone
Concen: 6.62 ug/l
RT: 9.55 min Scan# 1471
Delta R.T. 0.05 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

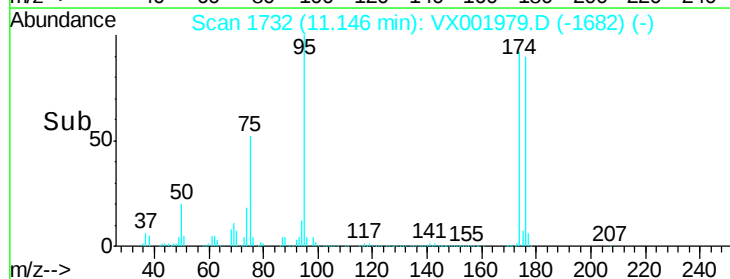
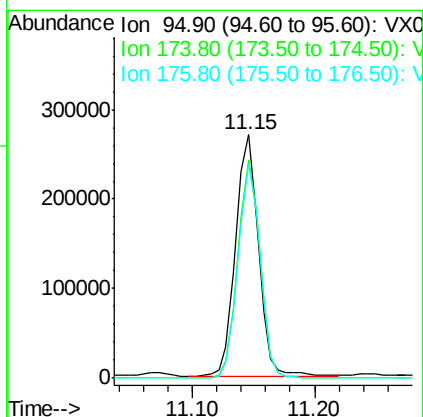
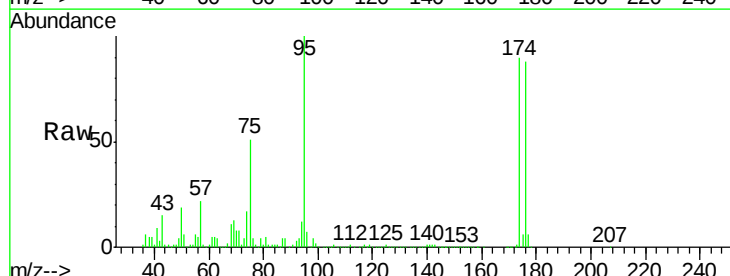
Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

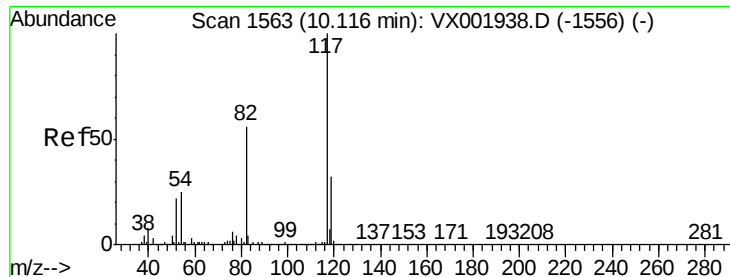
Tgt Ion: 43 Resp: 43288
Ion Ratio Lower Upper
43 100
58 11.9 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 53.01 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion: 95 Resp: 349457
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.8
176 85.3 0.0 175.6

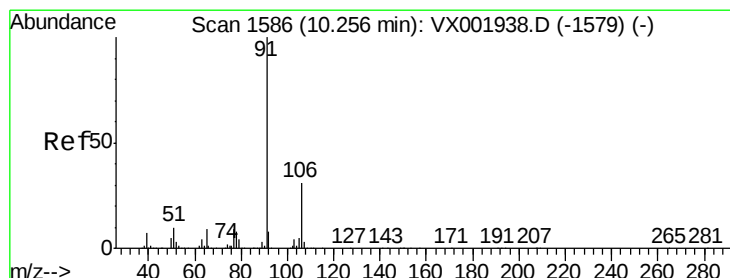
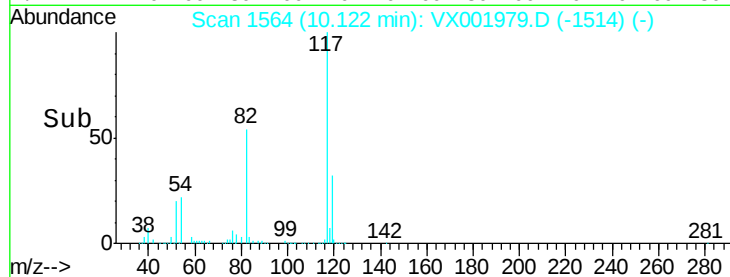
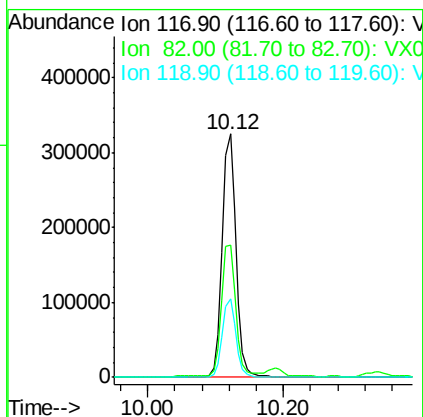
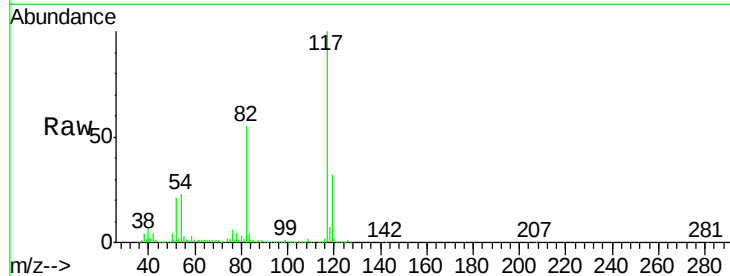




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

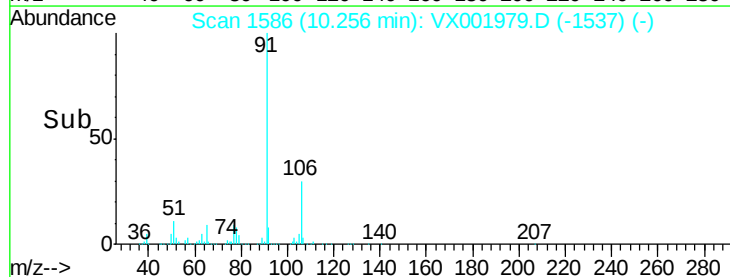
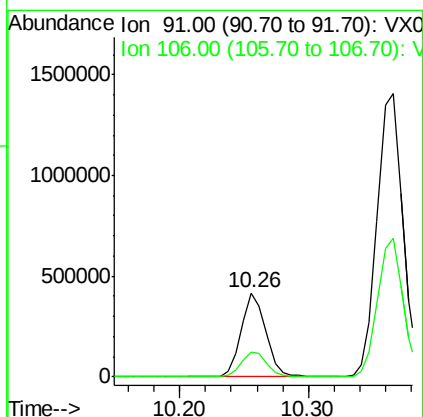
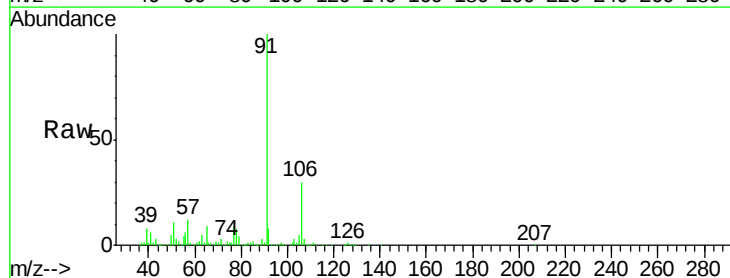
Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

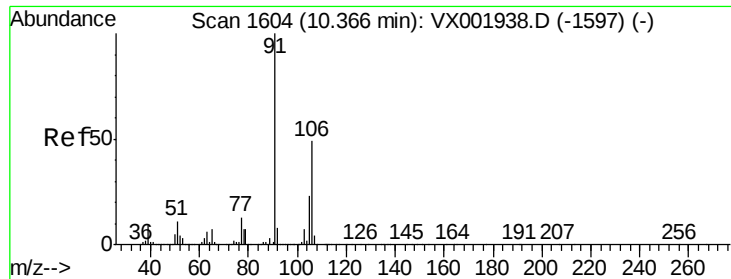
Tgt Ion: 117 Resp: 457110
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 21.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion: 91 Resp: 550877
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6

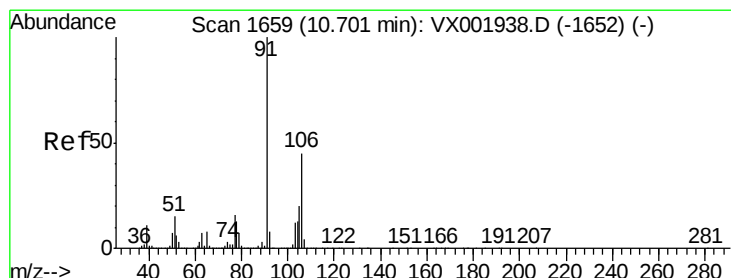
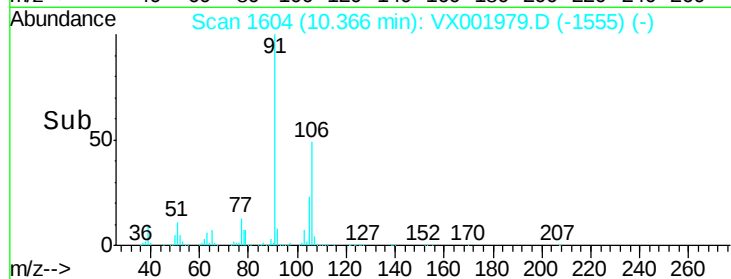
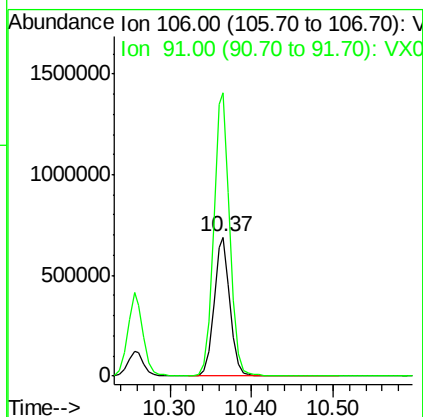
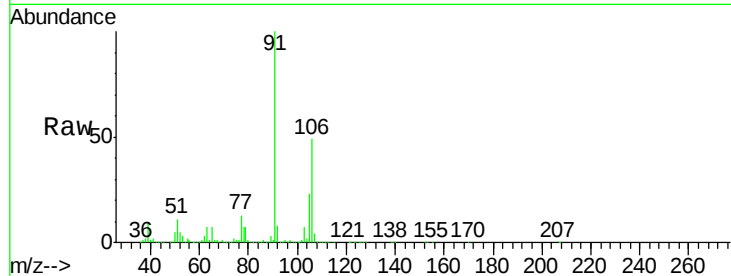




#68
m/p-Xylenes
Concen: 98.24 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

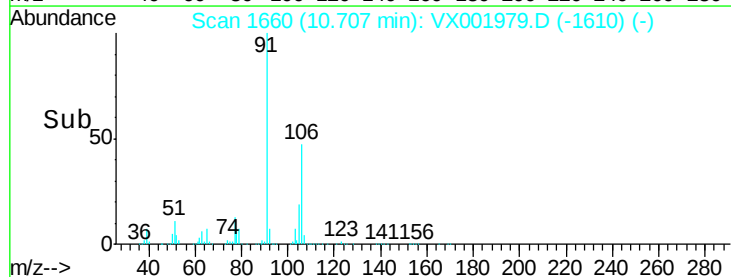
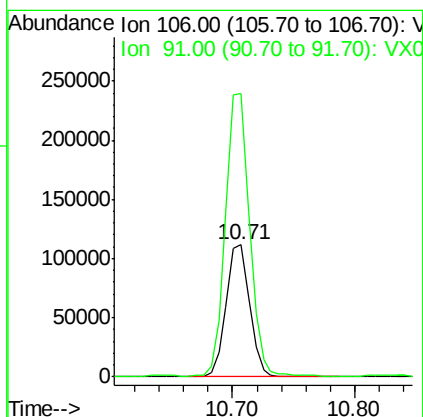
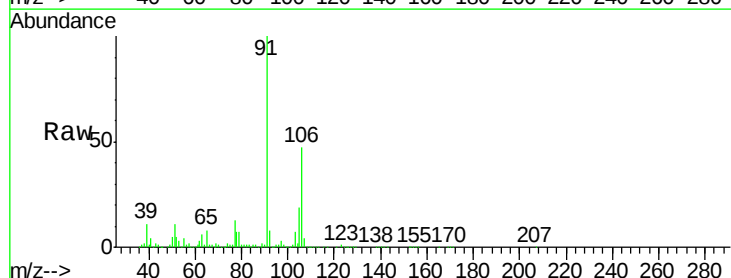
Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

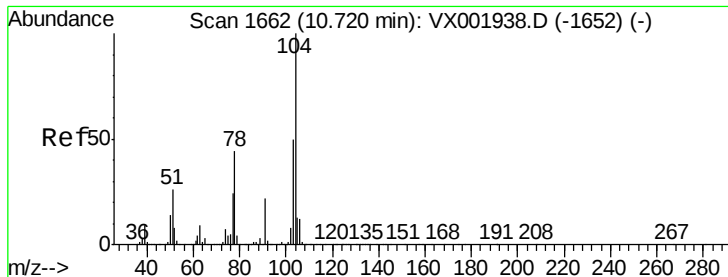
Tgt Ion:106 Resp: 944972
Ion Ratio Lower Upper
106 100
91 206.7 165.0 247.6



#69
o-Xylene
Concen: 15.57 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion:106 Resp: 149526
Ion Ratio Lower Upper
106 100
91 217.4 108.7 325.9





#70

Styrene

Concen: 0.52 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10

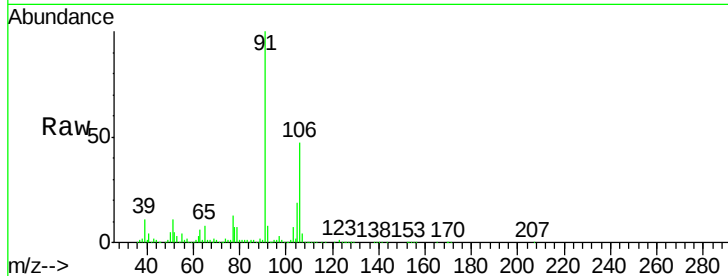
Tgt Ion:104 Resp: 8328

Ion Ratio Lower Upper

104 100

78 289.7 41.8 62.6#

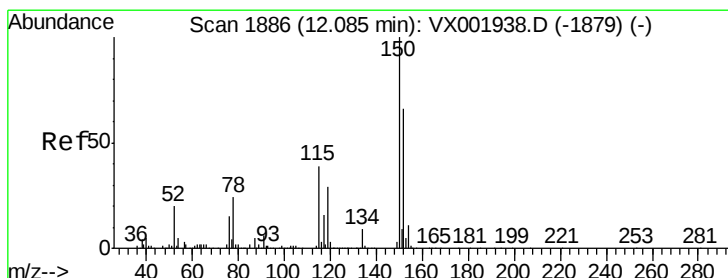
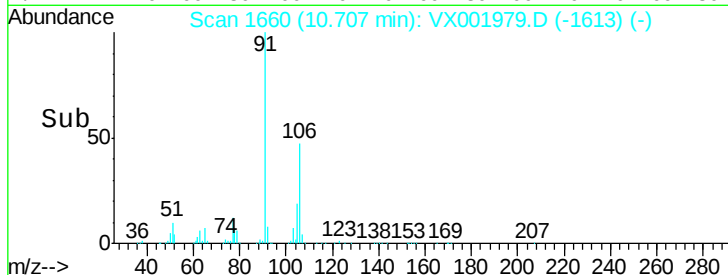
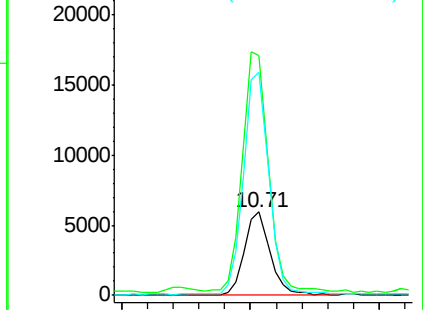
103 255.8 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

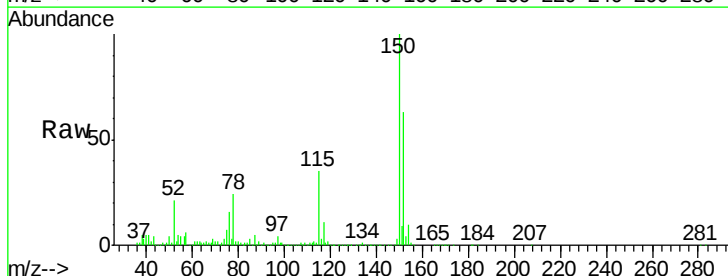
Tgt Ion:152 Resp: 293187

Ion Ratio Lower Upper

152 100

115 56.9 42.3 126.8

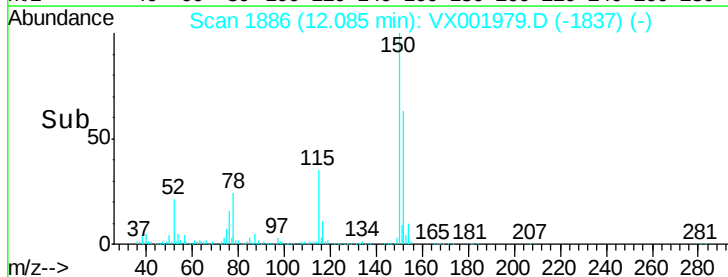
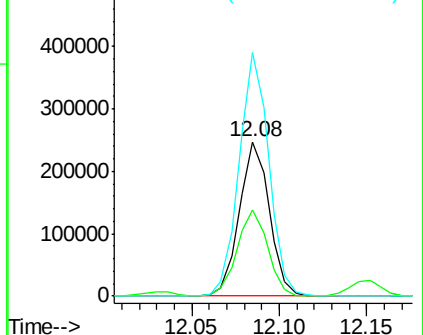
150 157.3 0.0 351.0

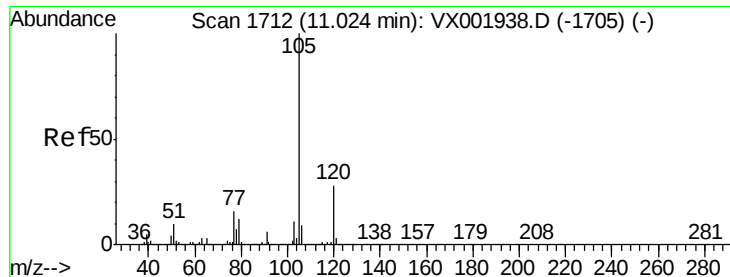


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

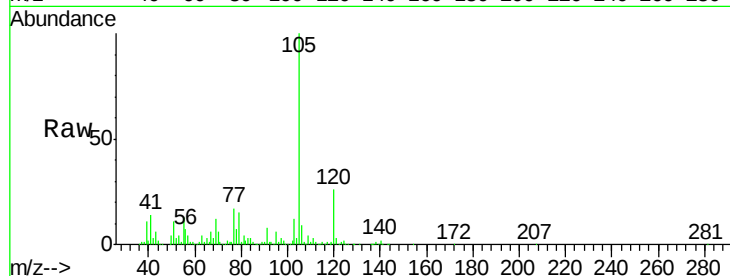
T1-3-SWN-9.5-10

Tgt Ion:105 Resp: 101830

Ion Ratio Lower Upper

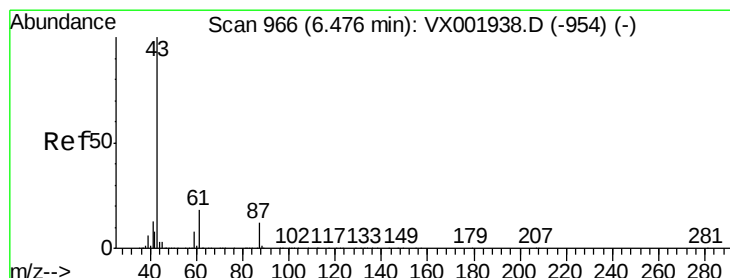
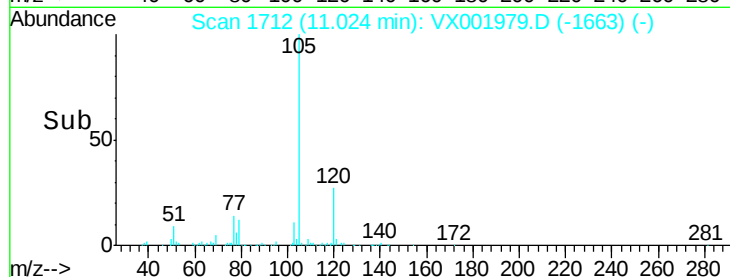
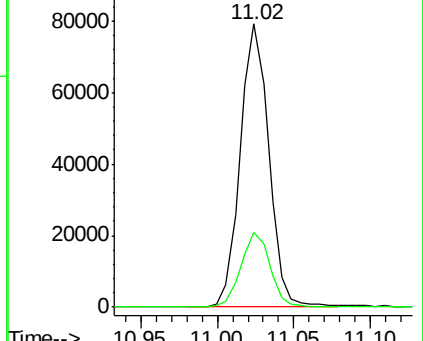
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.43 min Scan# 959

Delta R.T. -0.04 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Tgt Ion: 43 Resp: 7704

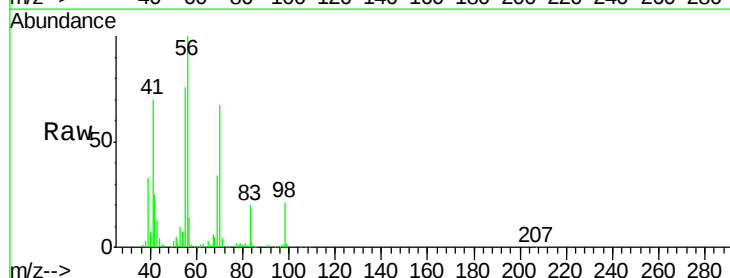
Ion Ratio Lower Upper

43 100

70 756.4 0.1 0.1#

55 847.2 0.1 0.1#

61 4.1 14.5 21.7#

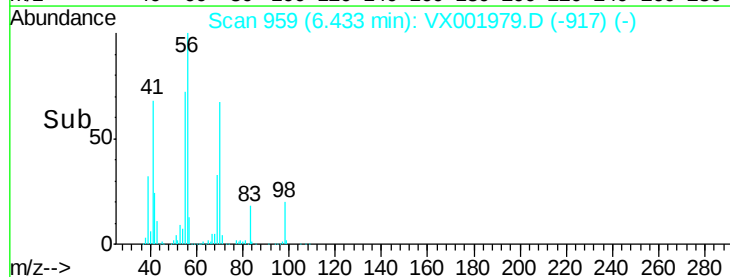
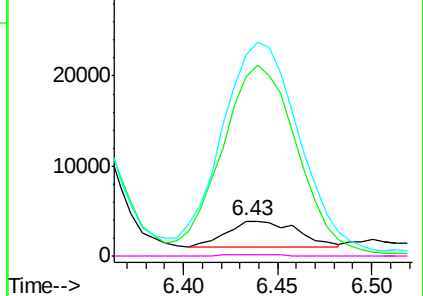


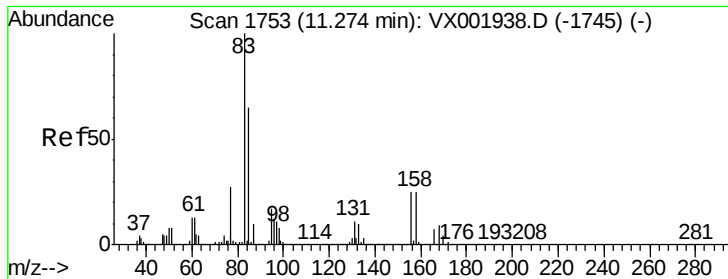
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.71 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10

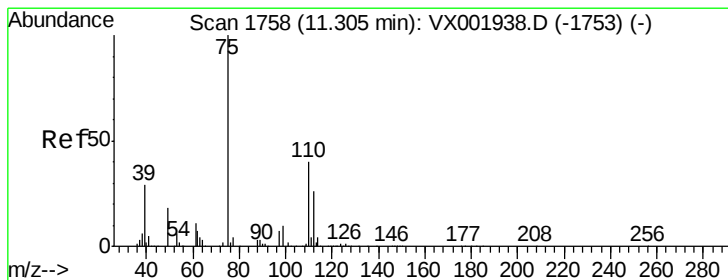
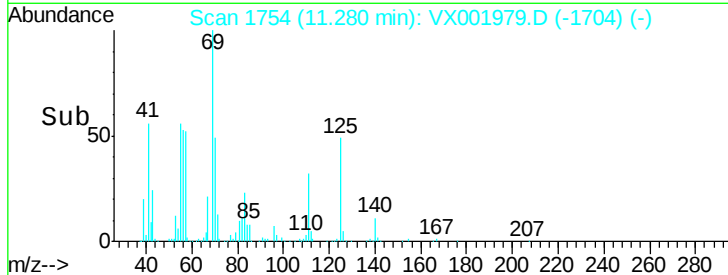
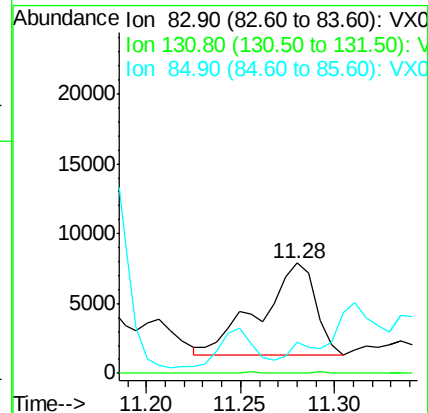
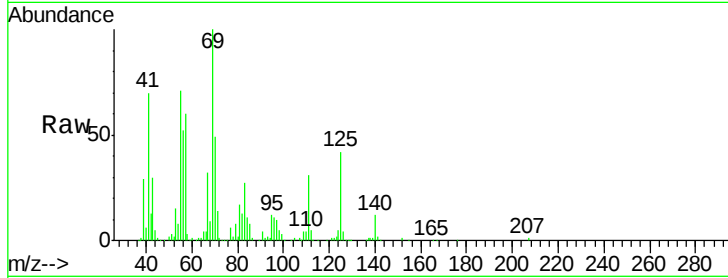
Tgt Ion: 83 Resp: 13302

Ion Ratio Lower Upper

83 100

131 0.2 5.7 17.0#

85 0.0 32.6 97.7#



#76

1,2,3-Trichloropropane

Concen: 2.46 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.13 min

Lab File: VX001979.D

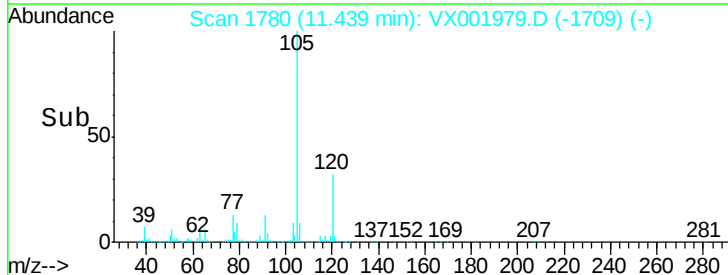
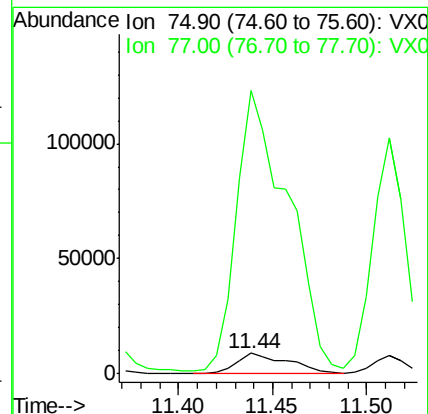
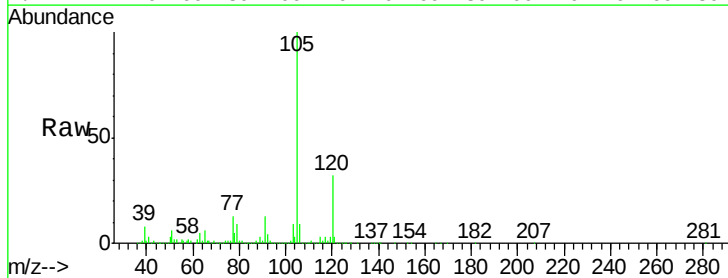
Acq: 25 May 2018 16:10

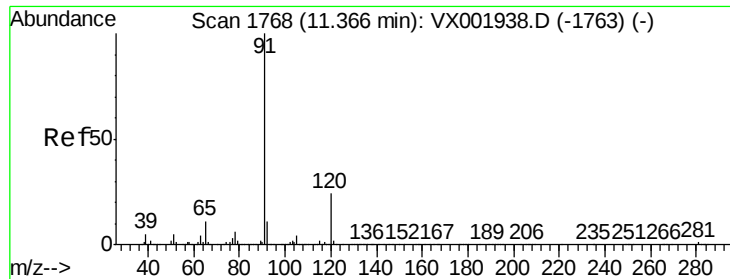
Tgt Ion: 75 Resp: 17333

Ion Ratio Lower Upper

75 100

77 1338.2 22.8 68.3#





#78

n-propylbenzene

Concen: 13.11 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

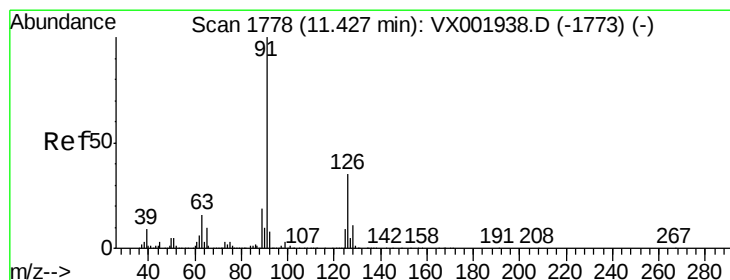
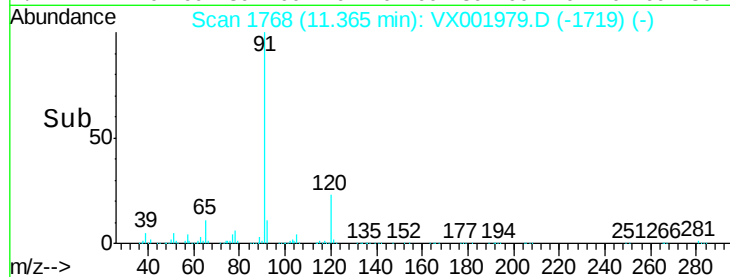
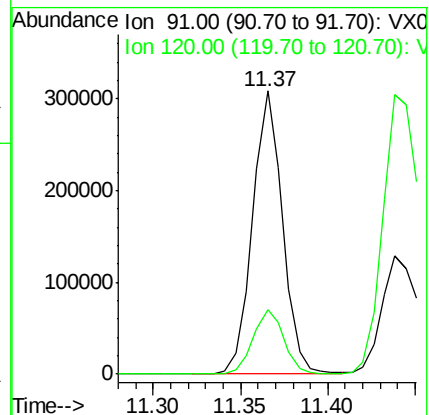
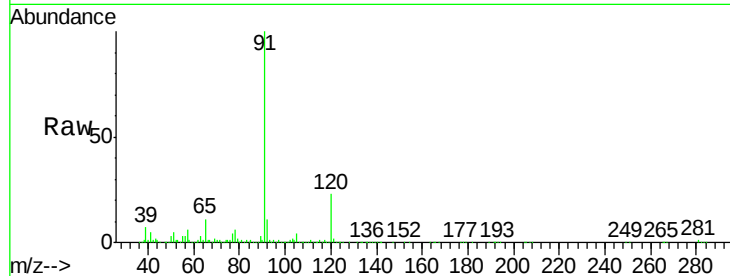
T1-3-SWN-9.5-10

Tgt Ion: 91 Resp: 364515

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.7



#79

2-Chlorotoluene

Concen: 13.96 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX001979.D

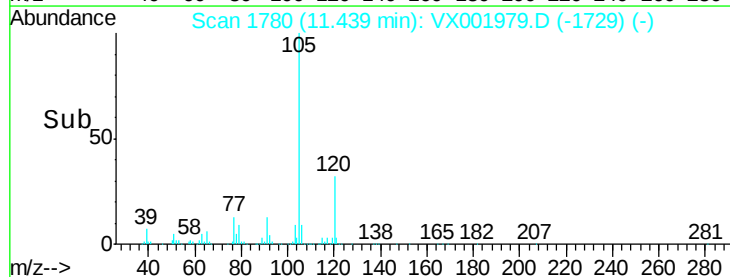
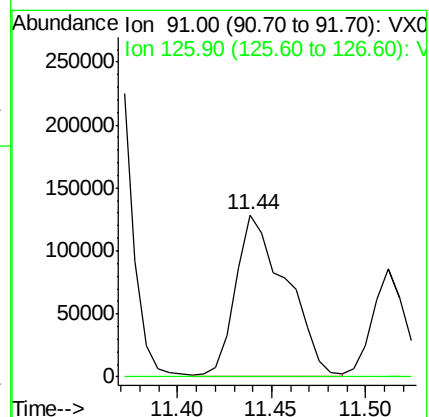
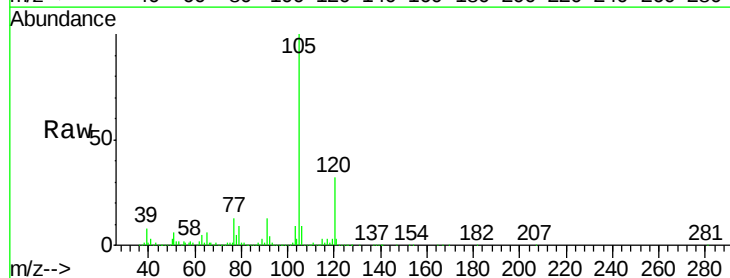
Acq: 25 May 2018 16:10

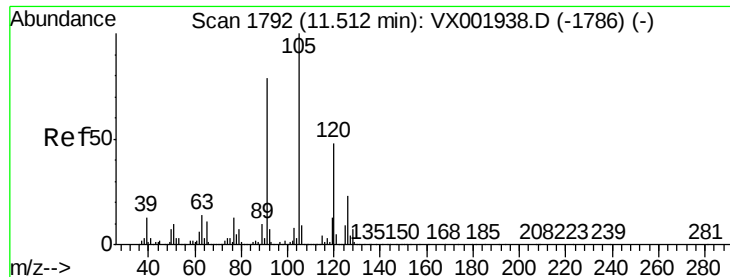
Tgt Ion: 91 Resp: 238233

Ion Ratio Lower Upper

91 100

126 0.5 17.4 52.2#

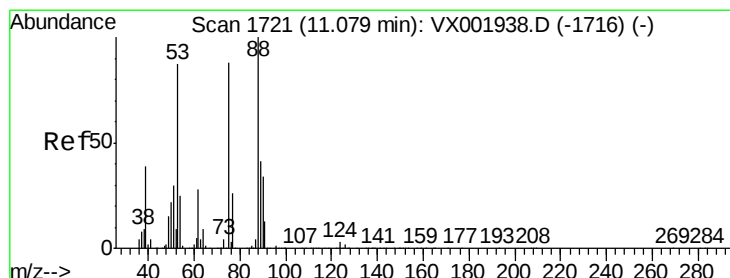
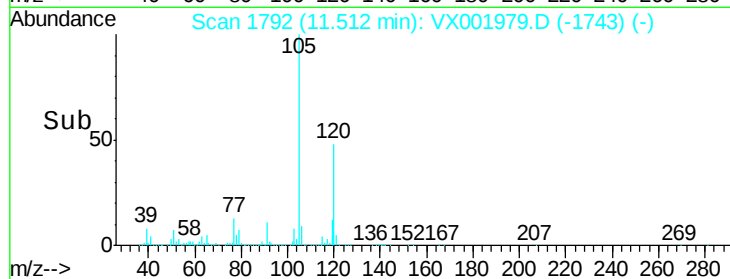
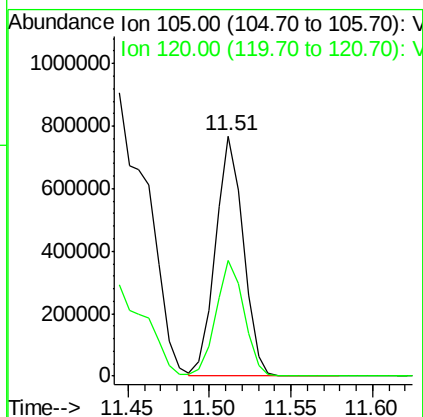
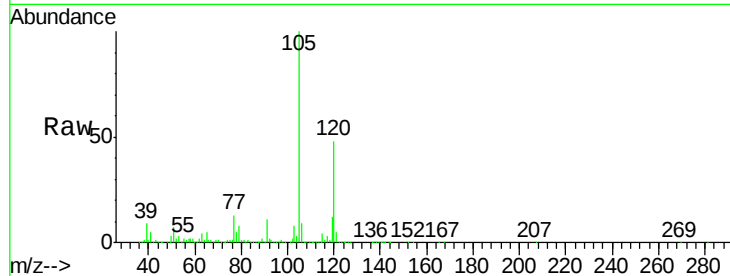




#80
 1,3,5-Trimethylbenzene
 Concen: 43.17 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

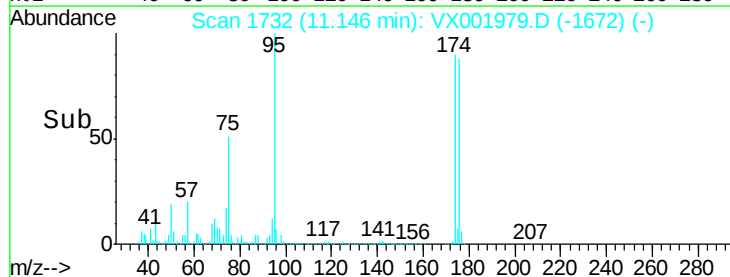
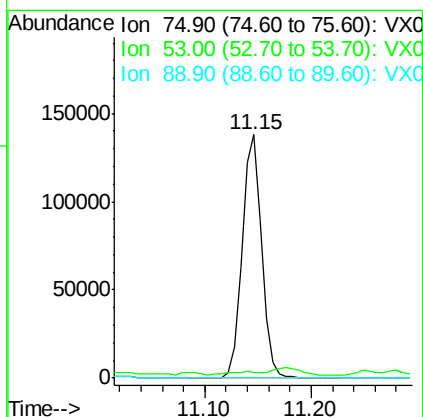
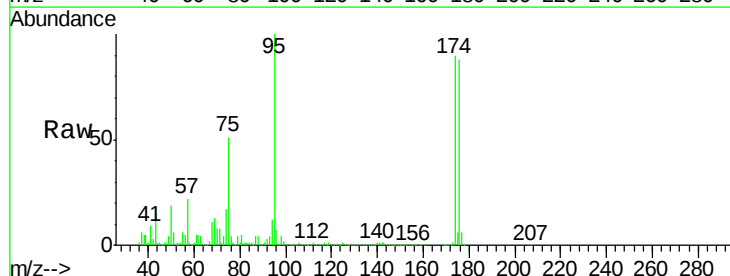
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWN-9.5-10

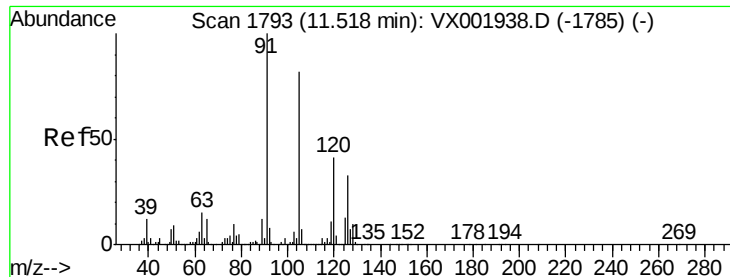
Tgt Ion: 105 Resp: 915849
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.33 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.07 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Tgt Ion: 75 Resp: 176768
 Ion Ratio Lower Upper
 75 100
 53 2.3 78.0 117.0#
 89 0.0 39.4 59.2#





#82

4-Chlorotoluene

Concen: 5.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

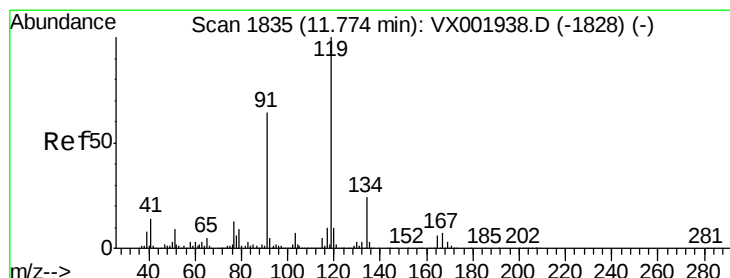
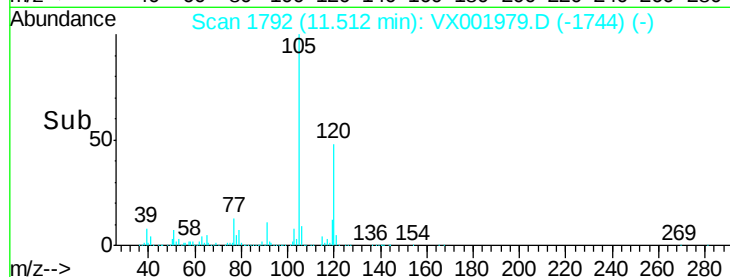
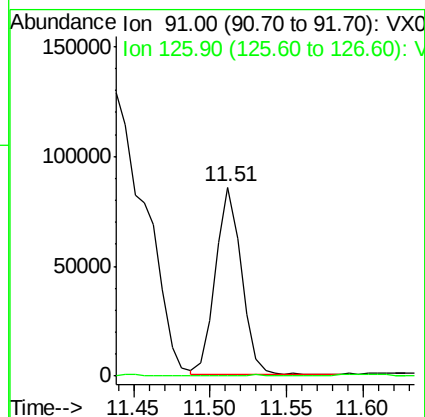
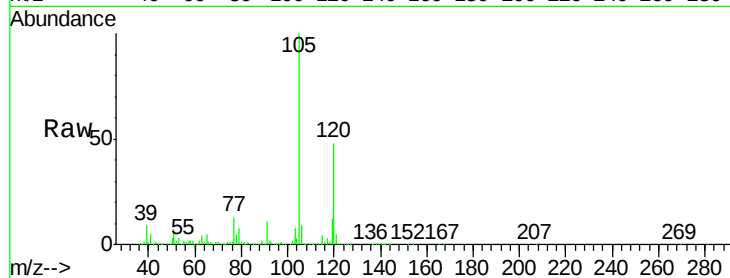
T1-3-SWN-9.5-10

Tgt Ion: 91 Resp: 100436

Ion Ratio Lower Upper

91 100

126 0.6 15.3 45.8#



#83

tert-Butylbenzene

Concen: 18.07 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.04 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

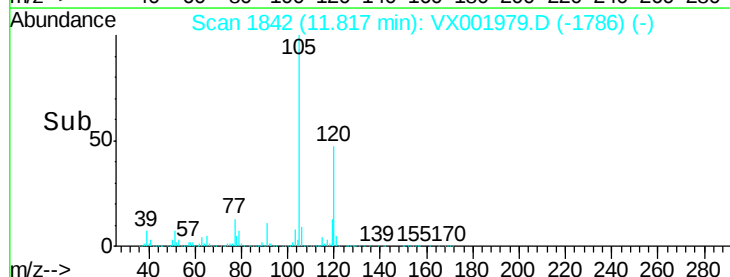
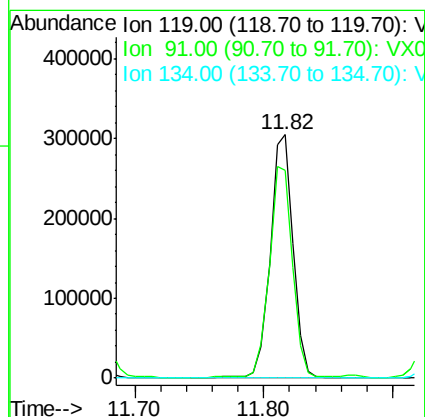
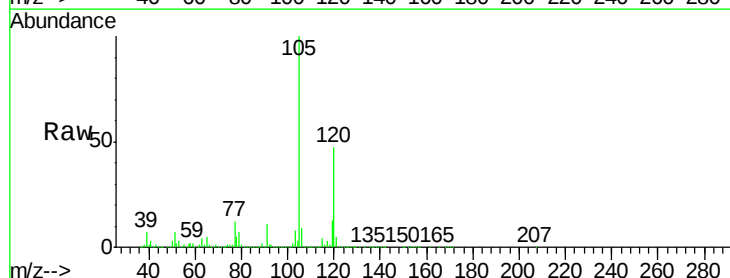
Tgt Ion: 119 Resp: 376123

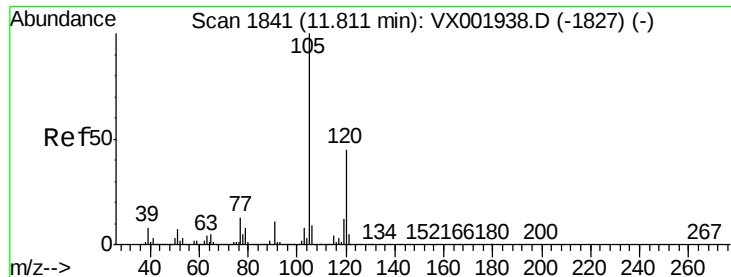
Ion Ratio Lower Upper

119 100

91 87.9 30.6 91.8

134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 138.28 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

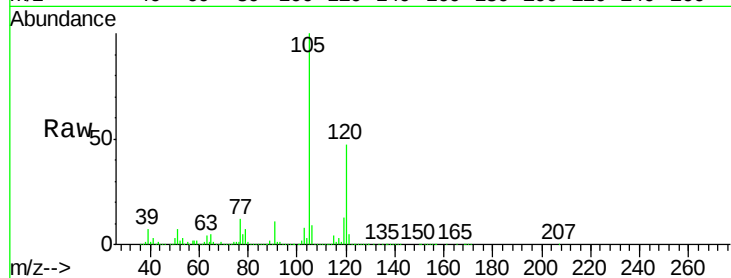
T1-3-SWN-9.5-10

Tgt Ion:105 Resp: 3031923

Ion Ratio Lower Upper

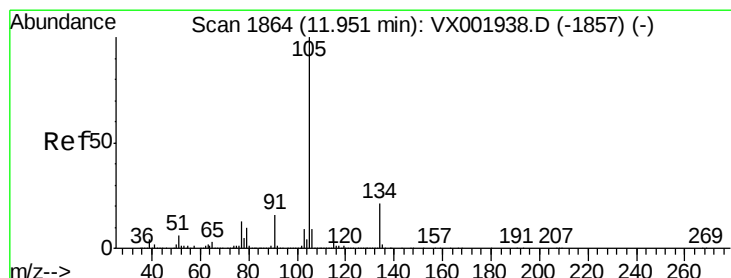
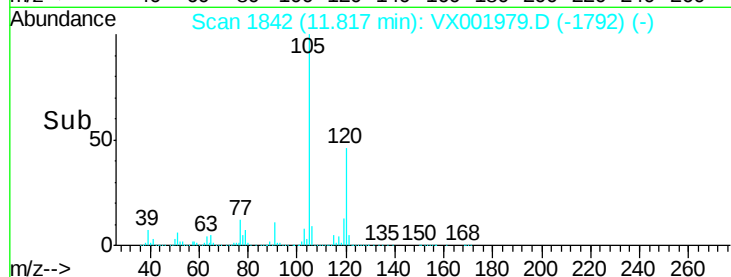
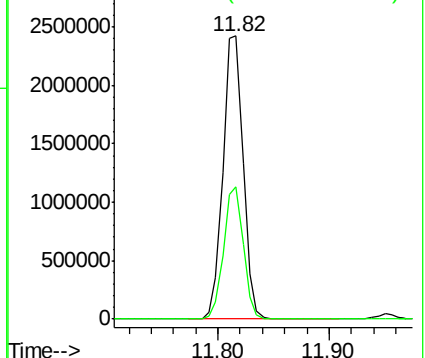
105 100

120 45.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 121.14 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.13 min

Lab File: VX001979.D

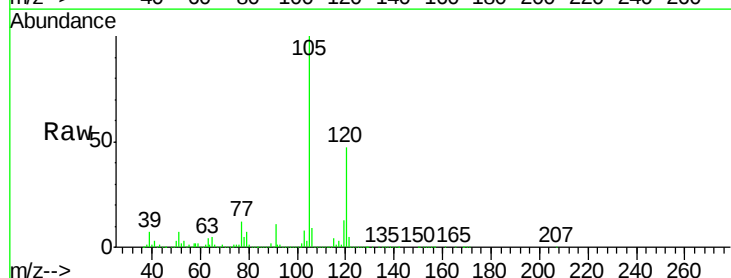
Acq: 25 May 2018 16:10

Tgt Ion:105 Resp: 3031923

Ion Ratio Lower Upper

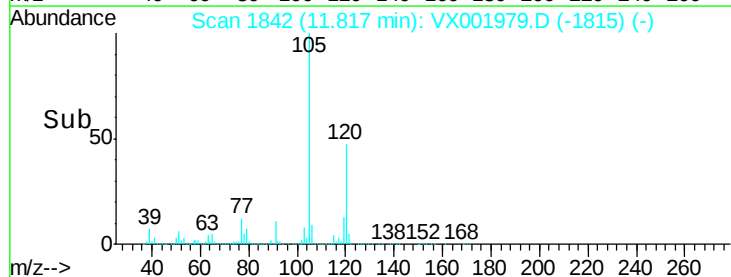
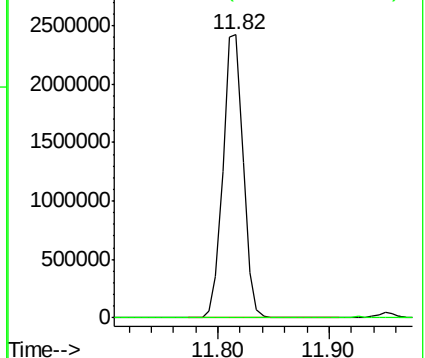
105 100

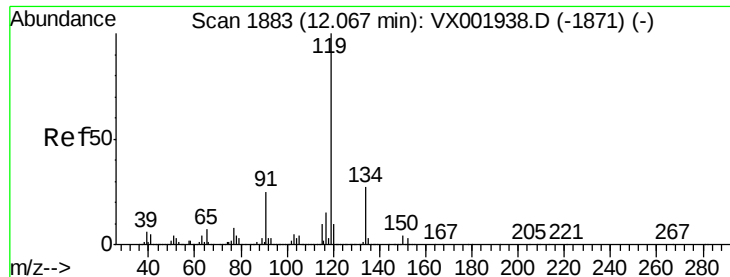
134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 2.49 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampled :

T1-3-SWN-9.5-10

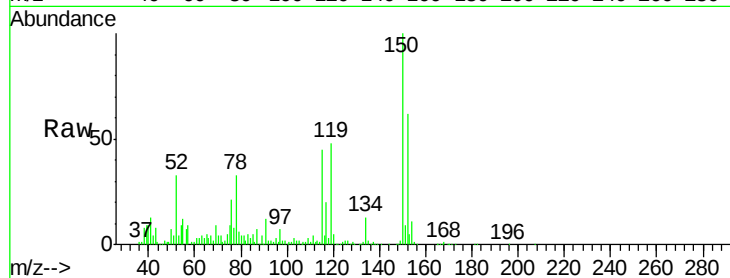
Tgt Ion: 119 Resp: 55772

Ion Ratio Lower Upper

119 100

134 28.2 13.6 40.8

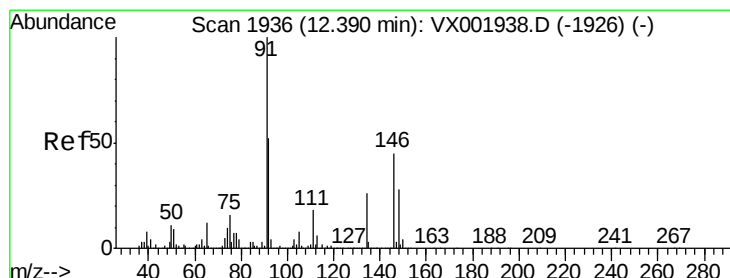
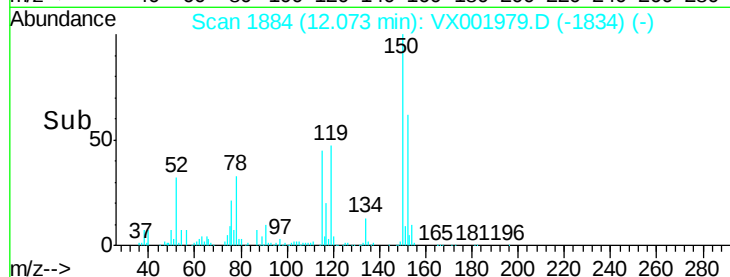
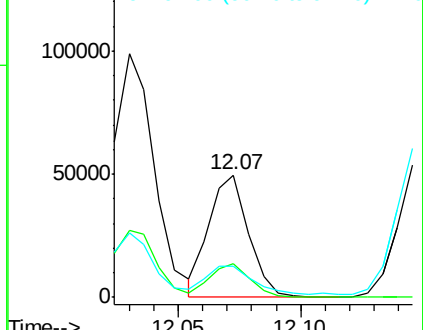
91 26.7 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 15.00 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

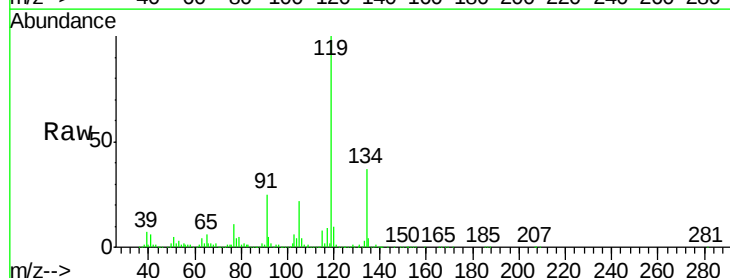
Tgt Ion: 91 Resp: 284585

Ion Ratio Lower Upper

91 100

92 27.9 26.3 78.9

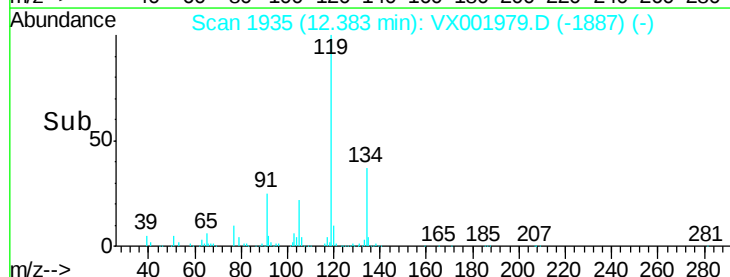
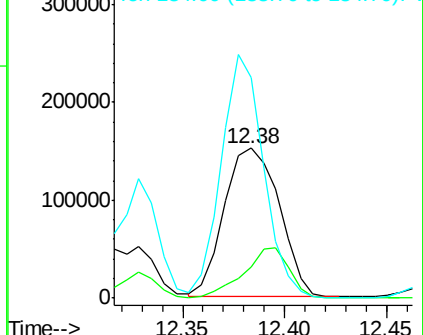
134 125.0 13.6 40.7#

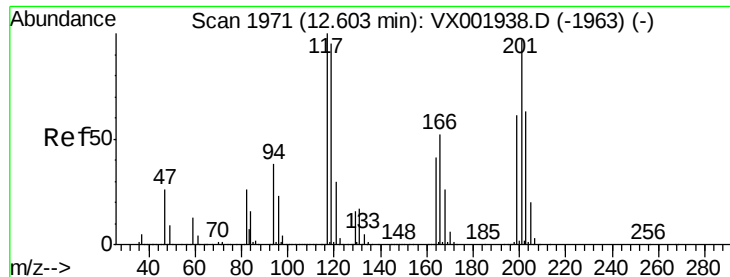


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 9.14 ug/l

RT: 12.62 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

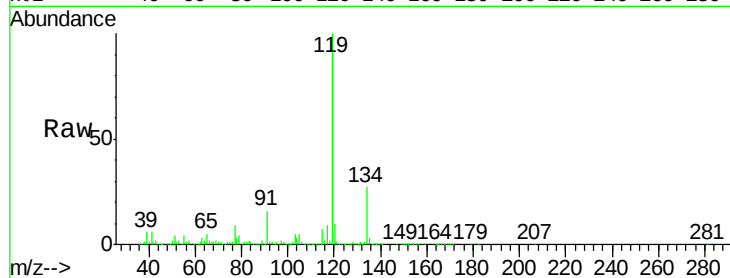
T1-3-SWN-9.5-10

Tgt Ion: 117 Resp: 40389

Ion Ratio Lower Upper

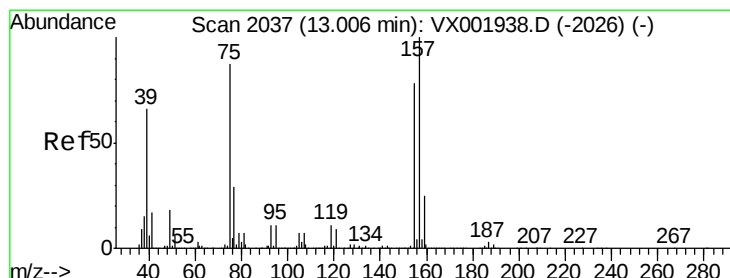
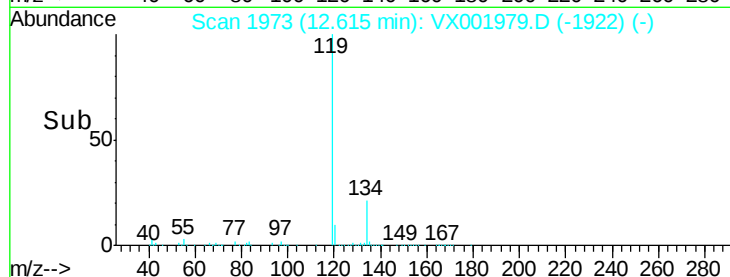
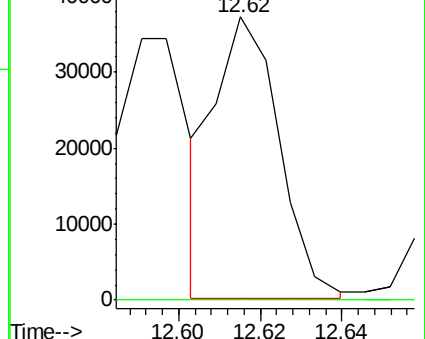
117 100

201 0.0 48.0 144.0#



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: 1.63 ug/l

RT: 12.99 min Scan# 2034

Delta R.T. -0.02 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

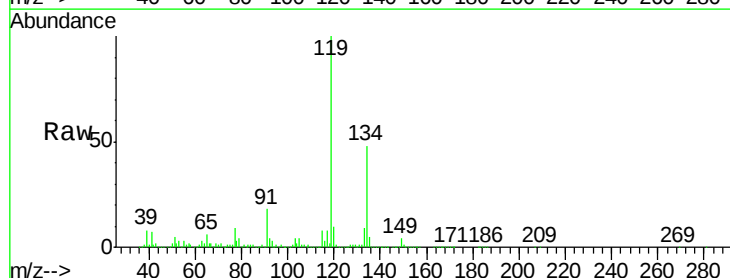
Tgt Ion: 75 Resp: 3598

Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.2#

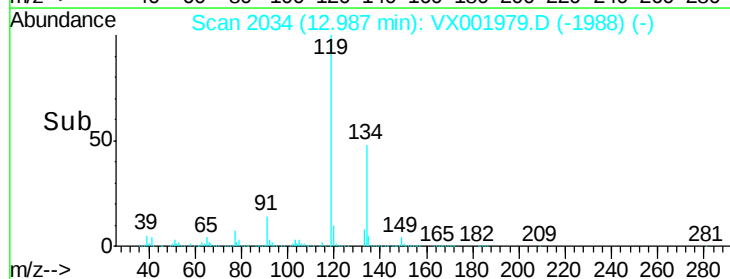
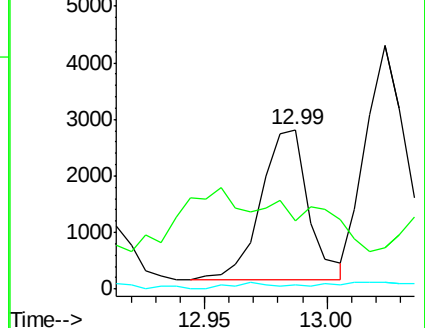
157 0.0 58.1 174.2#

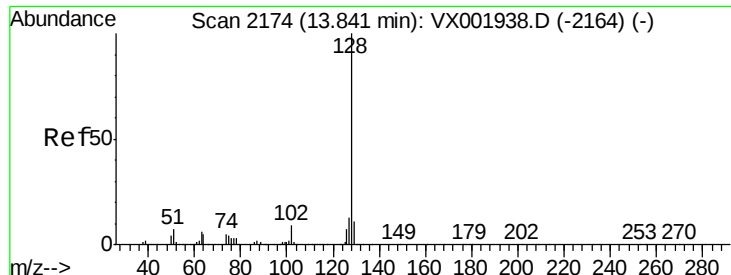


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 32.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001979.D

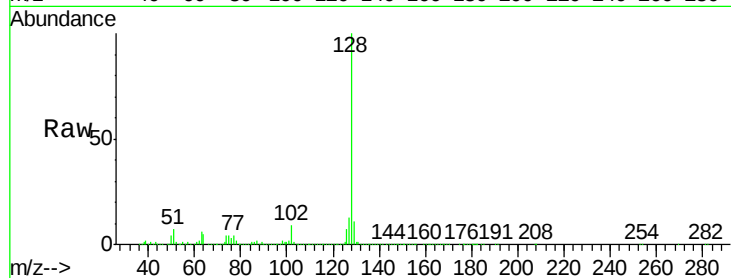
Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10



Tgt Ion:128 Resp: 862397

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.4 8.8 13.2

