

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002945.D
 Acq On : 27 Jun 2018 19:09
 Operator : JC/MD
 Sample : J3707-12 20X
 Misc : 5.91g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-21-23-180622

Quant Time: Jul 06 17:40:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

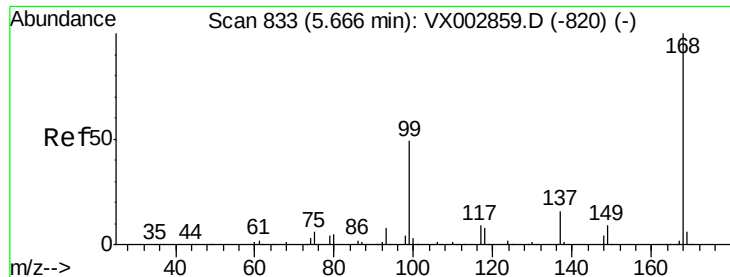
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208359	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	176106	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	5.51	113	139333	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	8.72	98	522452	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	199496	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	4200	1.40	ug/l #	67
21) trans-1,2-Dichloroethene	3.17	96	1440	0.51	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	240318	75.41	ug/l	83
31) Cyclohexane	5.57	56	2848	0.62	ug/l	93
39) Methylcyclohexane	7.46	83	11106	2.35	ug/l	94
73) Isopropylbenzene	11.02	105	11875	0.85	ug/l	95
78) n-propylbenzene	11.37	91	16018	1.00	ug/l	99
83) tert-Butylbenzene	11.77	119	13078	1.12	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	16957	1.39	ug/l	100
85) sec-Butylbenzene	11.95	105	38473	2.73	ug/l #	56
86) p-Isopropyltoluene	12.07	119	32436	2.56	ug/l	99
89) n-Butylbenzene	12.39	91	42241	3.82	ug/l #	69
91) 1,2-Dichlorobenzene	12.40	146	8702	1.18	ug/l #	85

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

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Sample : J3707-12 20X
Misc : 5.91a/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

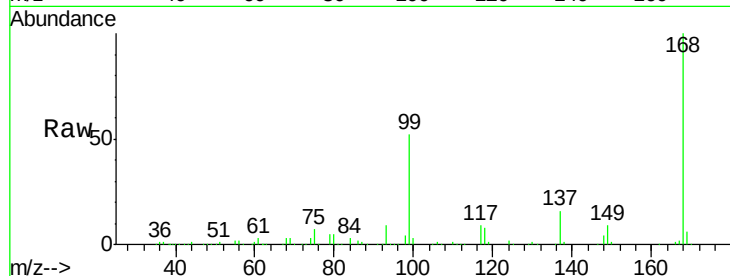
WP021SB480-21-23-180622

Tot Ion:168 Resp: 264599

Ion Ratio Lower Upper

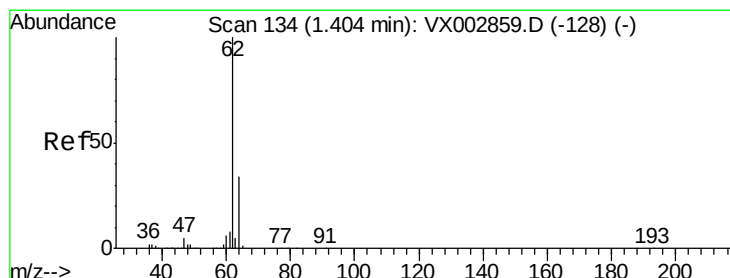
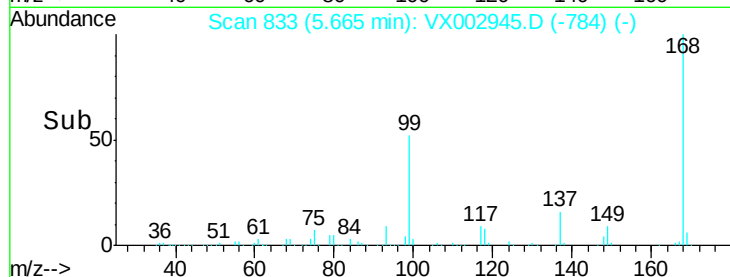
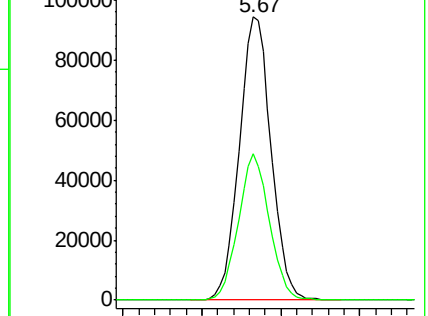
168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.40 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002945.D

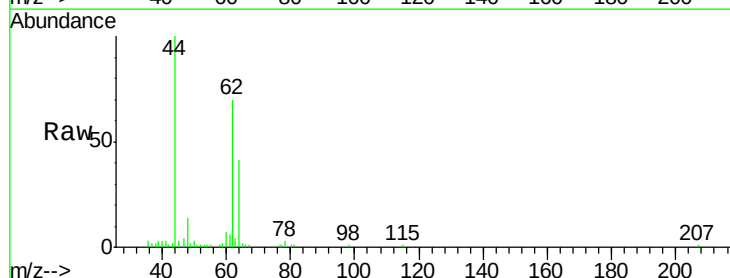
Acq: 27 Jun 2018 19:09

Tgt Ion: 62 Resp: 4200

Ion Ratio Lower Upper

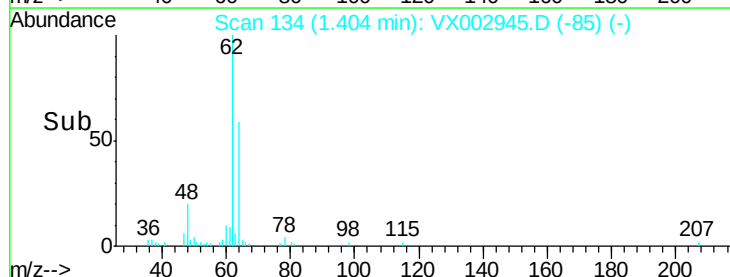
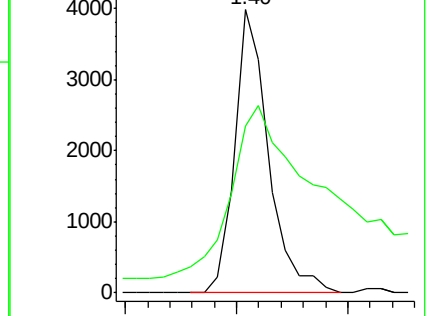
62 100

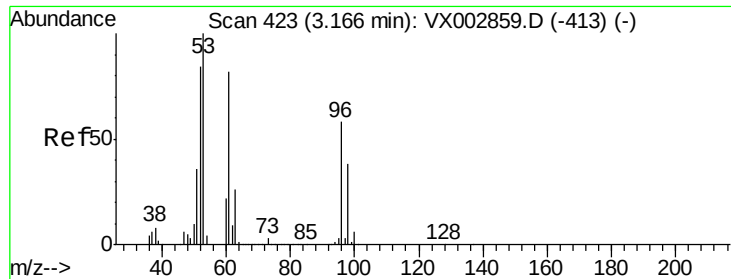
64 50.0 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.51 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

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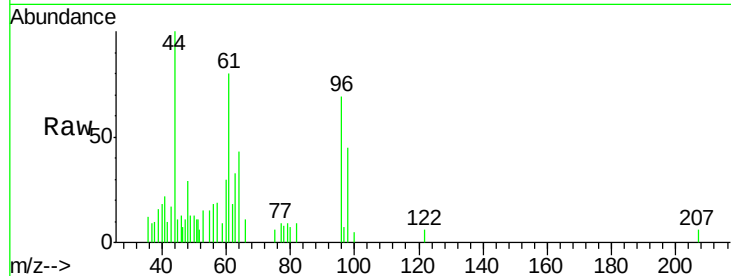
Tot Ion: 96 Resp: 1440

Ion Ratio Lower Upper

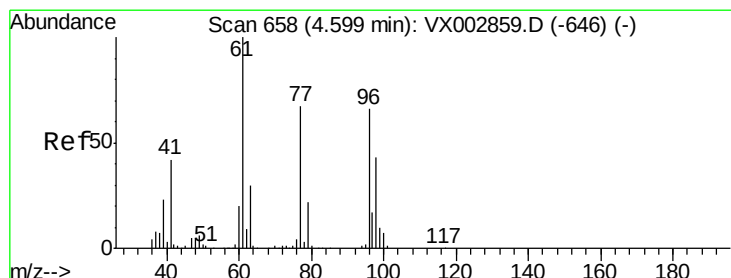
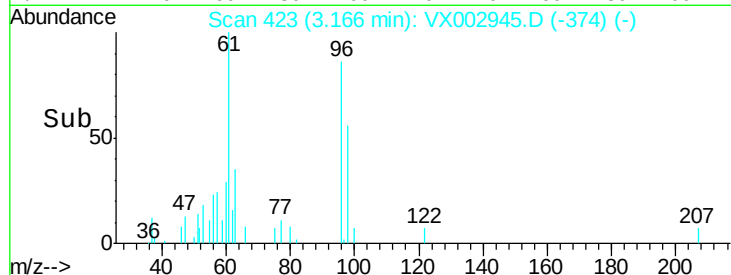
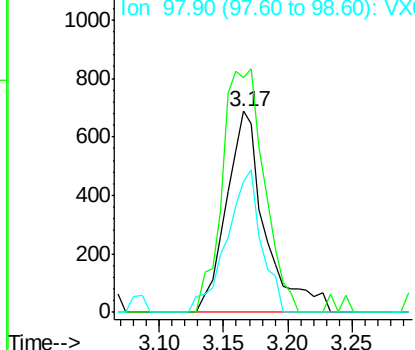
96 100

61 116.9 117.0 175.4#

98 65.1 52.4 78.6



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



#27

cis-1,2-Dichloroethene

Concen: 75.41 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

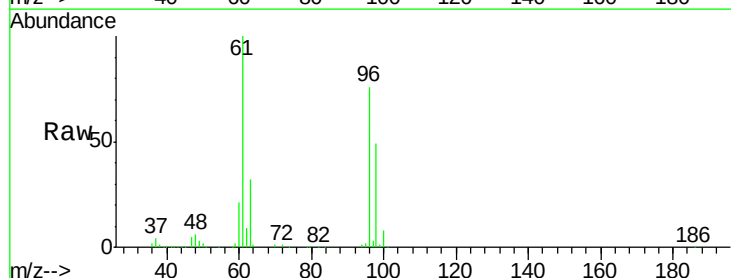
Tgt Ion: 96 Resp: 240318

Ion Ratio Lower Upper

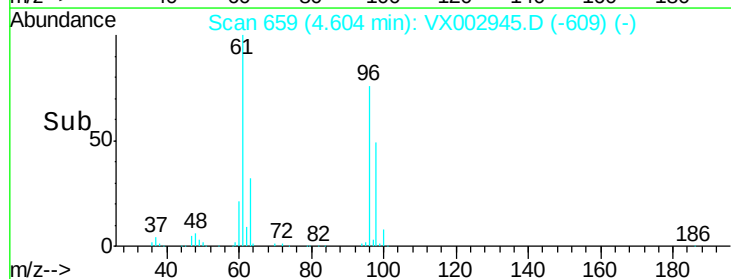
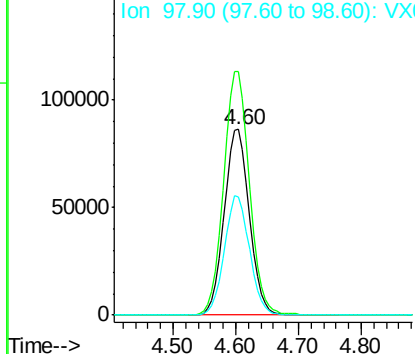
96 100

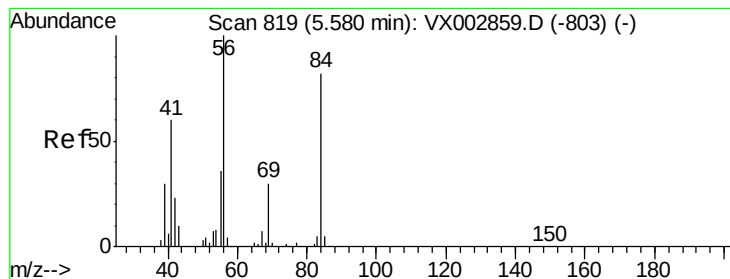
61 134.3 0.0 330.2

98 64.0 0.0 130.2



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





#31

Cyclohexane

Concen: 0.62 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

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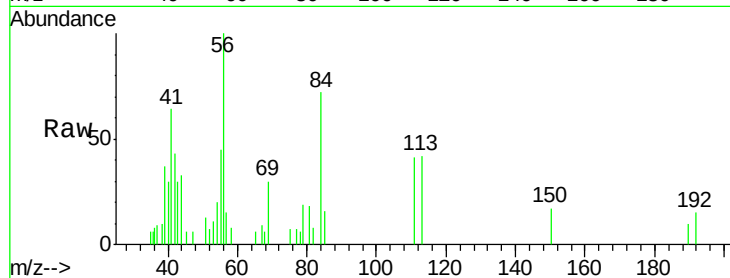
Tot Ion: 56 Resp: 2848

Ion Ratio Lower Upper

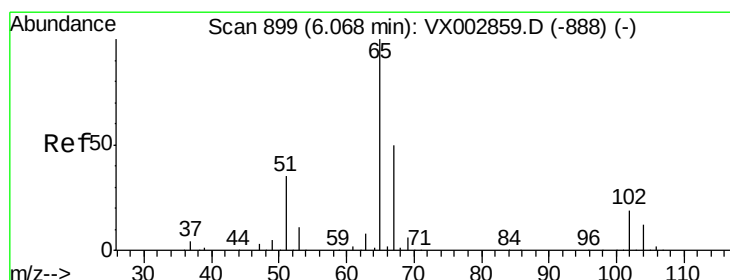
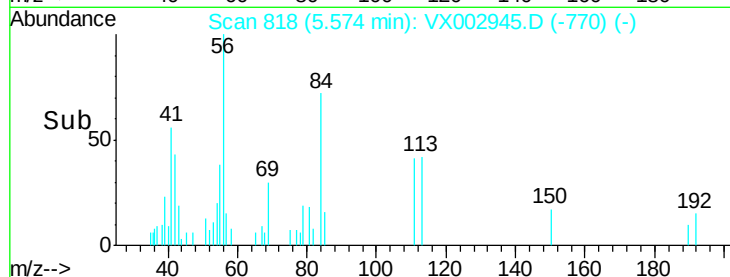
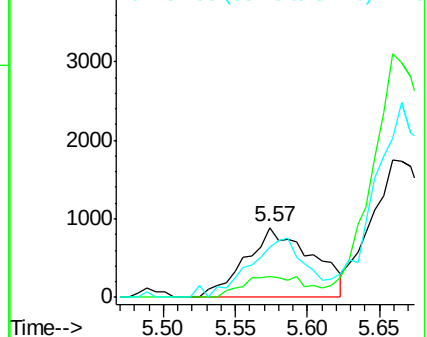
56 100

69 30.1 23.7 35.5

84 72.3 64.1 96.1



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: 48.15 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002945.D

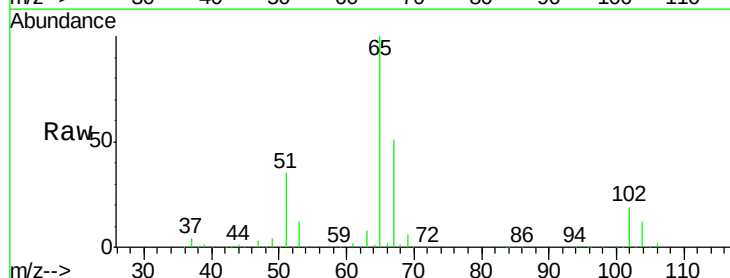
Acq: 27 Jun 2018 19:09

Tgt Ion: 65 Resp: 176106

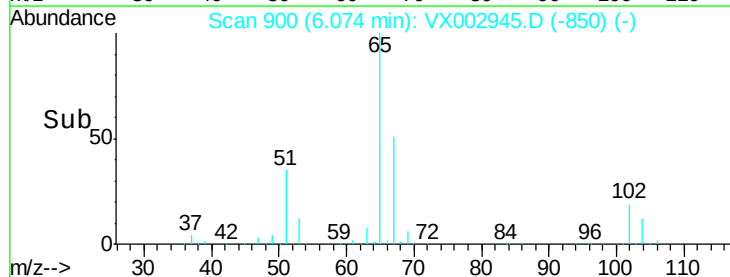
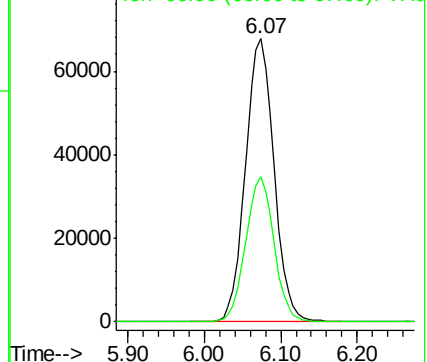
Ion Ratio Lower Upper

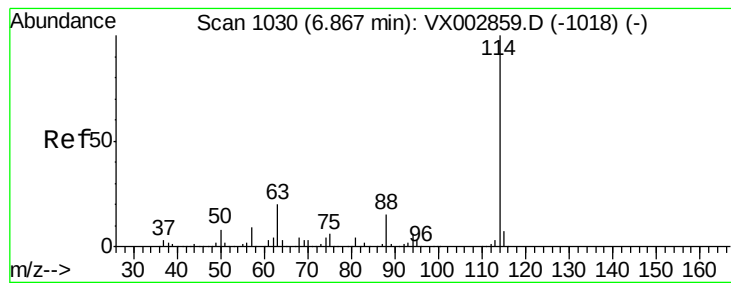
65 100

67 50.8 0.0 102.6



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: VX002945.D

Acq: 27 Jun 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

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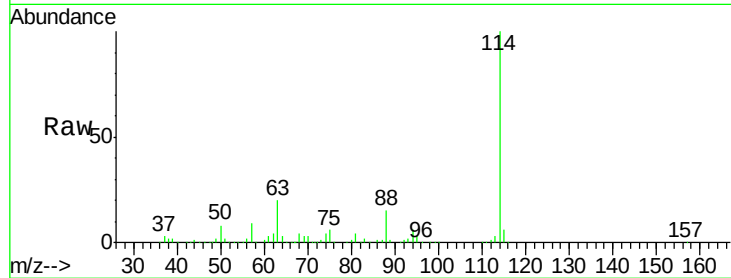
Tot Ion:114 Resp: 370120

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

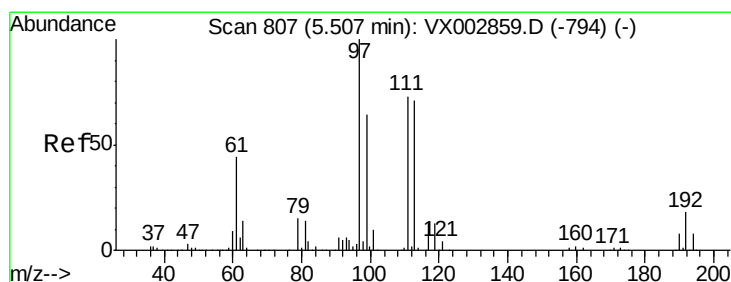
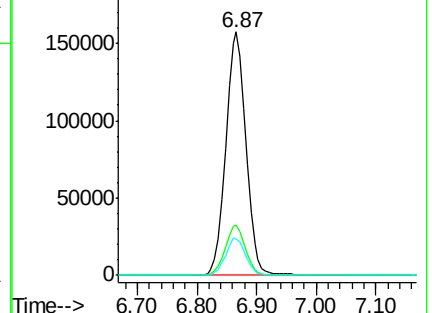
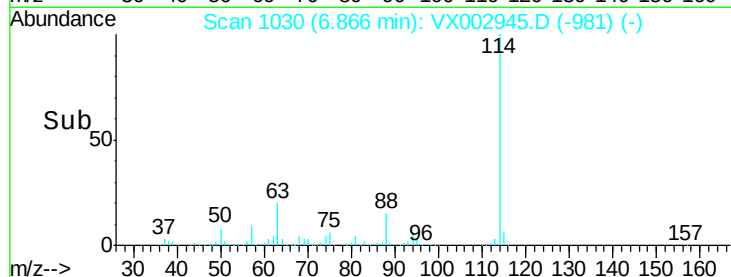
88 14.8 0.0 30.0



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: 47.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002945.D

Acq: 27 Jun 2018 19:09

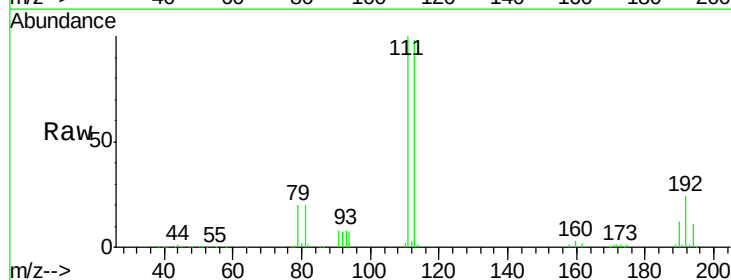
Tgt Ion:113 Resp: 139333

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

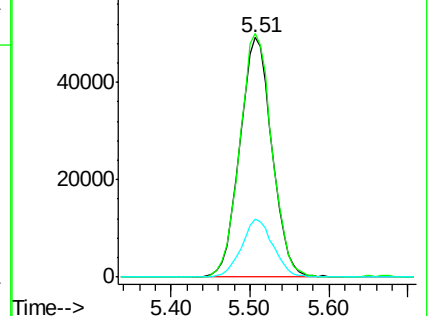
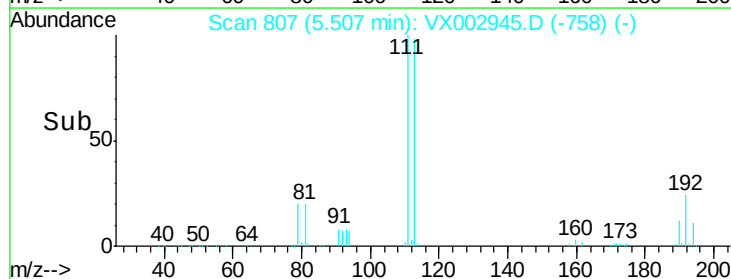
192 23.7 19.1 28.7

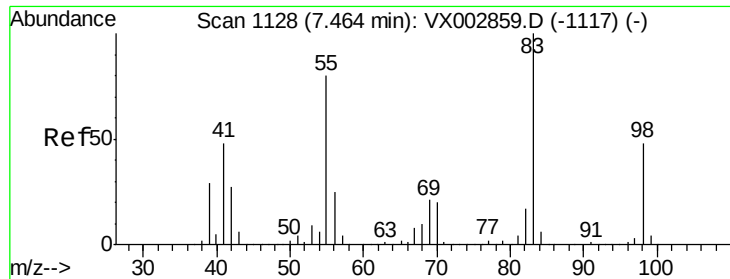


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

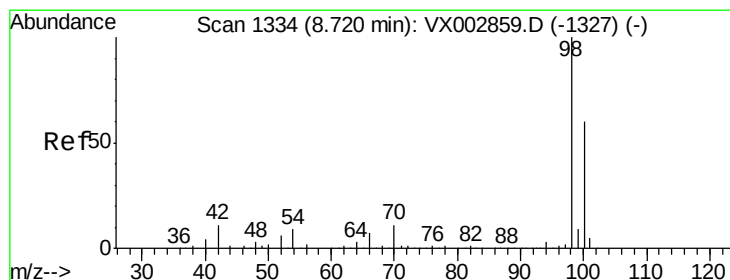
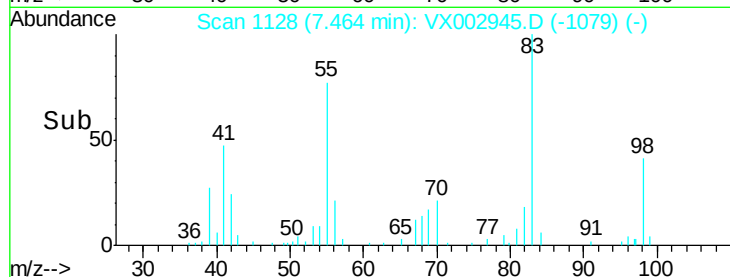
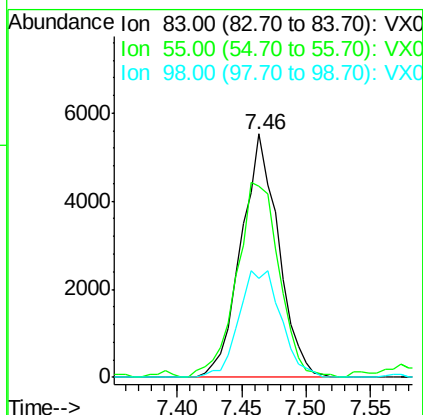
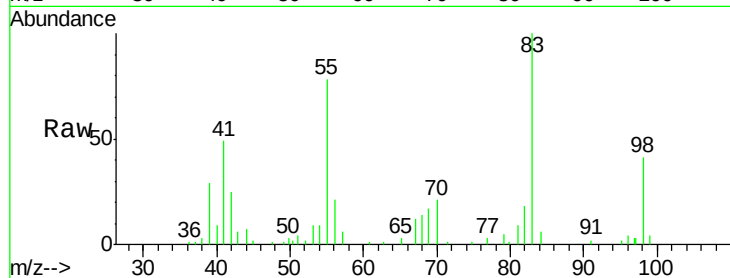




#39
Methylvlcyclohexane
Concen: 2.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

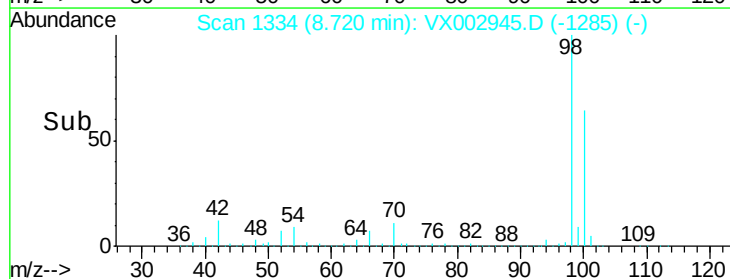
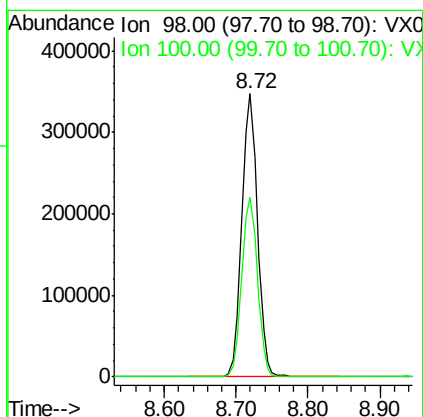
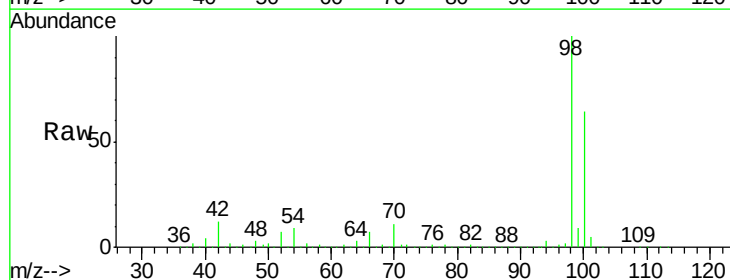
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-21-23-180622

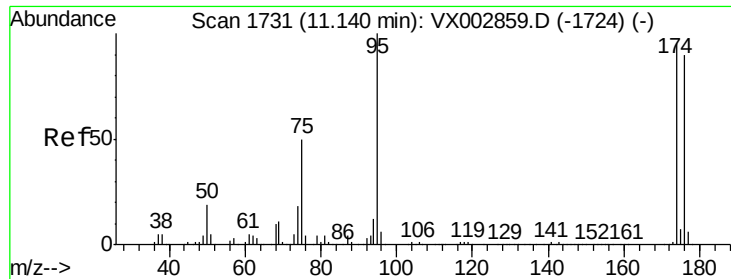
Tot Ion: 83 Resp: 11106
Ion Ratio Lower Upper
83 100
55 78.5 65.4 98.0
98 40.6 37.4 56.0



#50
Toluene-d8
Concen: 48.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion: 98 Resp: 522452
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

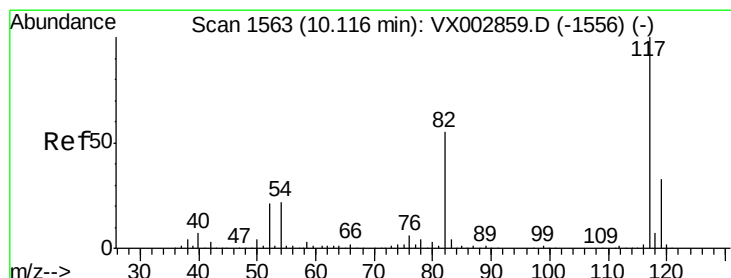
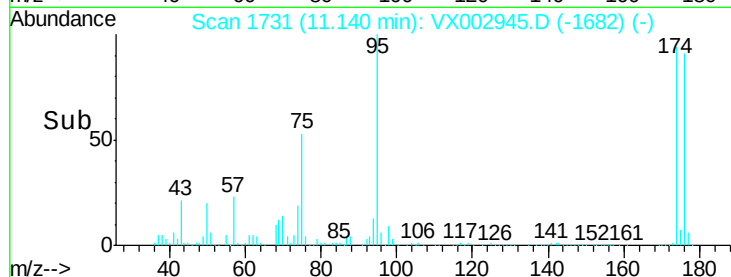
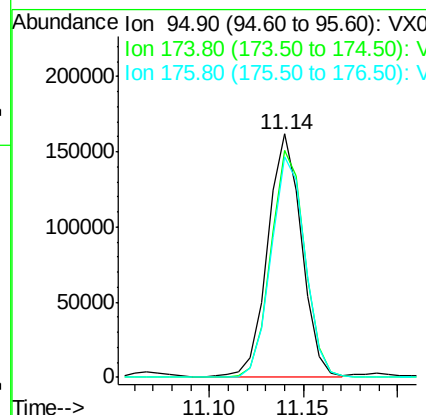
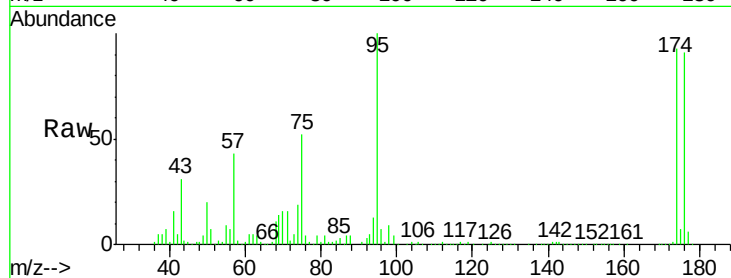




#62
4-Bromofluorobenzene
Concen: 48.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

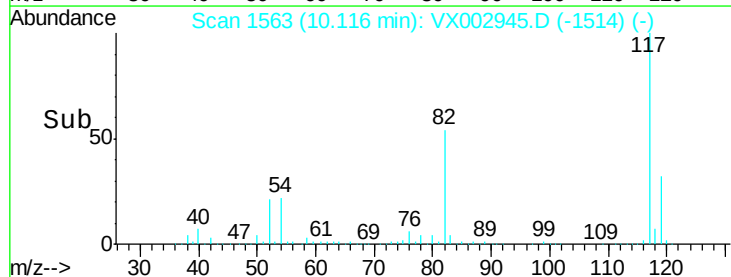
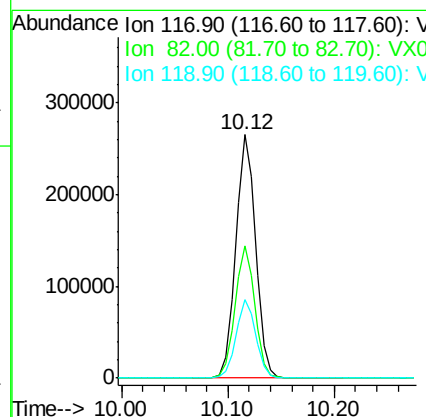
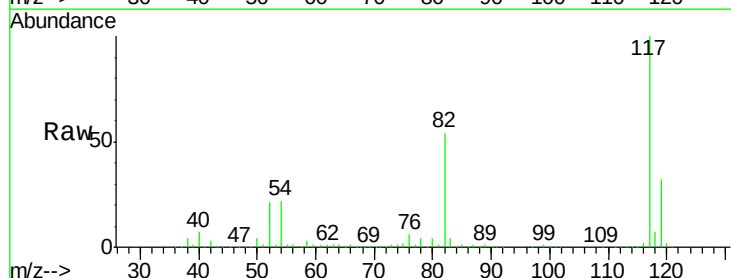
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-21-23-180622

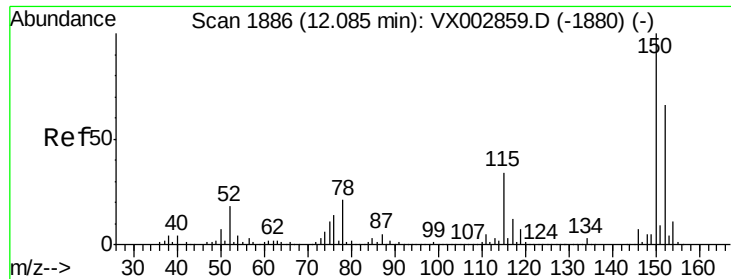
Tot Ion: 95 Resp: 199496
Ion Ratio Lower Upper
95 100
174 94.6 0.0 187.4
176 92.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion: 117 Resp: 347977
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.2 25.8 38.6

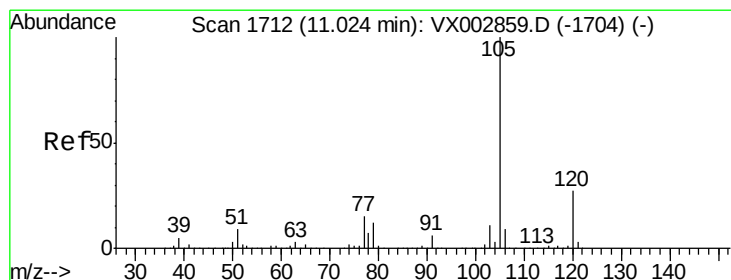
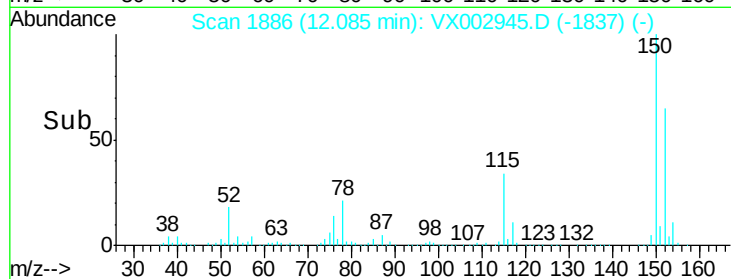
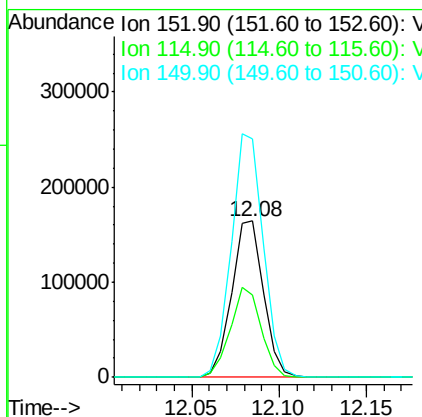
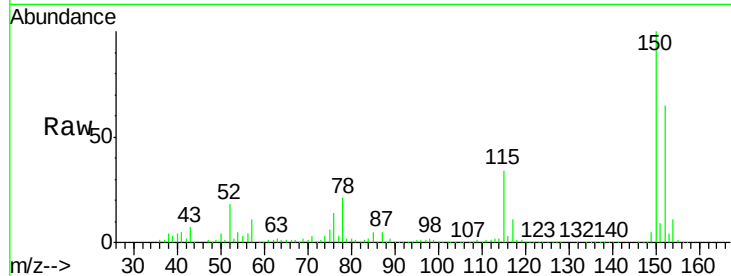




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

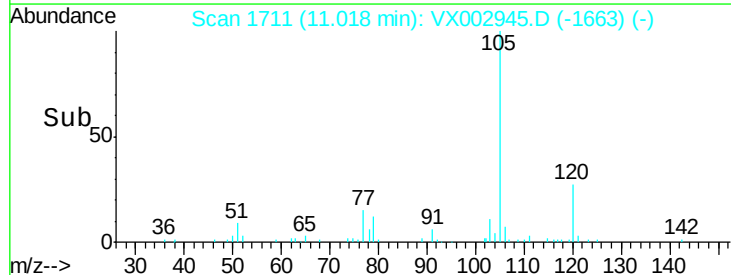
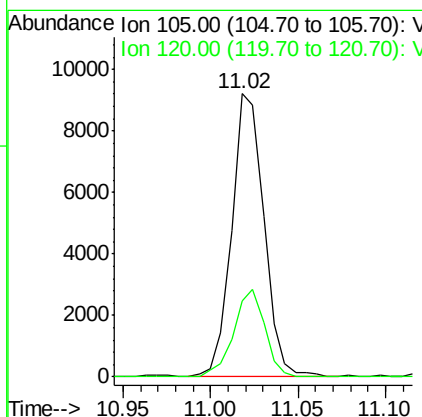
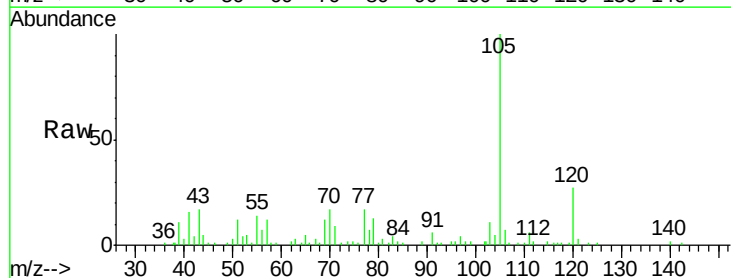
Instrument :
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 WP021SB480-21-23-180622

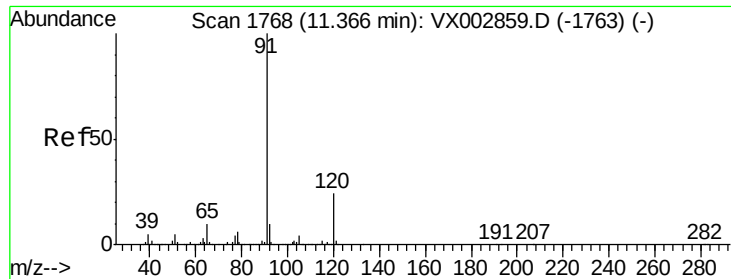
Tot Ion:152 Resp: 208359
 Ion Ratio Lower Upper
 152 100
 115 55.8 40.1 120.2
 150 156.2 0.0 347.2



#73
 Isopropylbenzene
 Concen: 0.85 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

Tgt Ion:105 Resp: 11875
 Ion Ratio Lower Upper
 105 100
 120 29.5 13.5 40.4

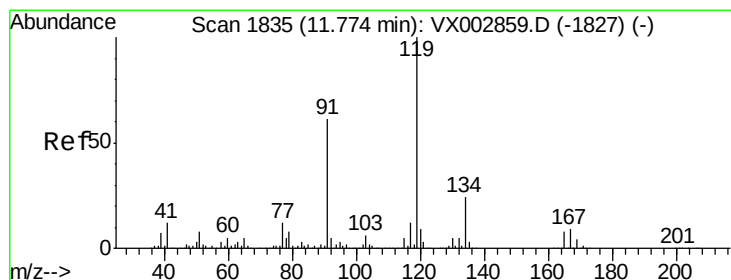
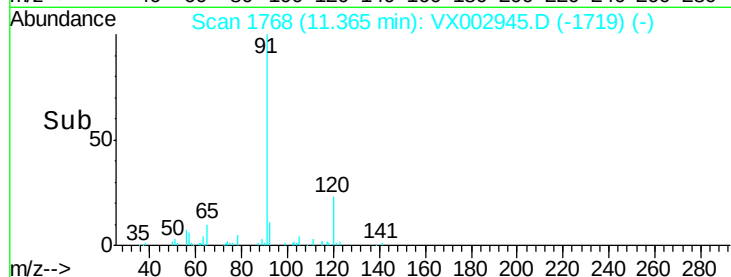
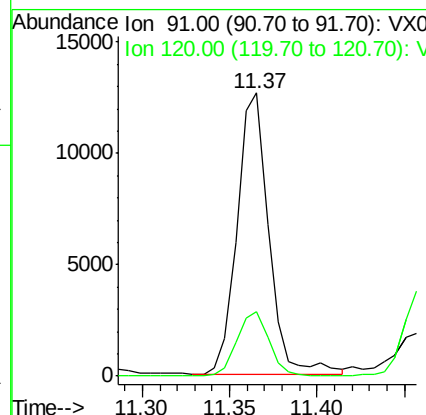
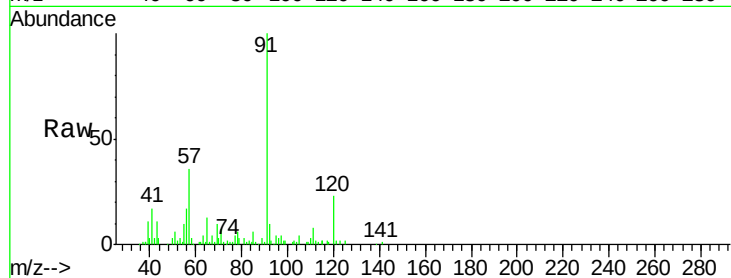




#78
n-propylbenzene
Concen: 1.00 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

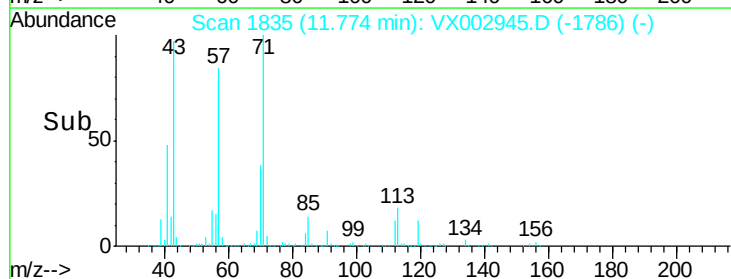
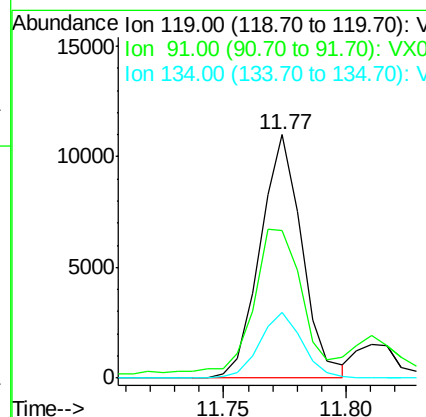
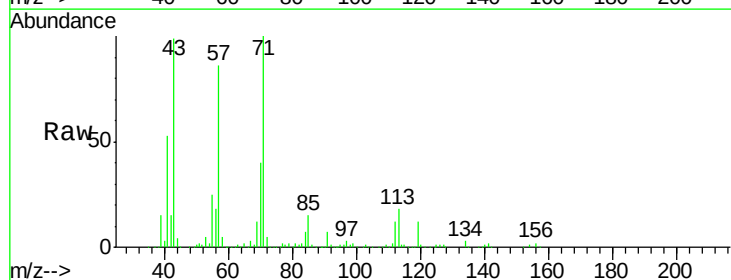
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-21-23-180622

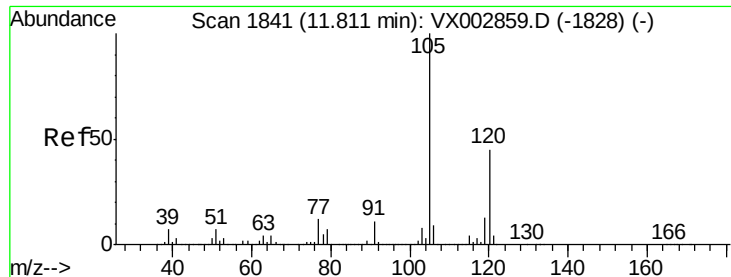
Tot Ion: 91 Resp: 16018
Ion Ratio Lower Upper
91 100
120 23.0 11.8 35.4



#83
tert-Butylbenzene
Concen: 1.12 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion: 119 Resp: 13078
Ion Ratio Lower Upper
119 100
91 68.6 30.3 90.9
134 27.4 11.7 35.1

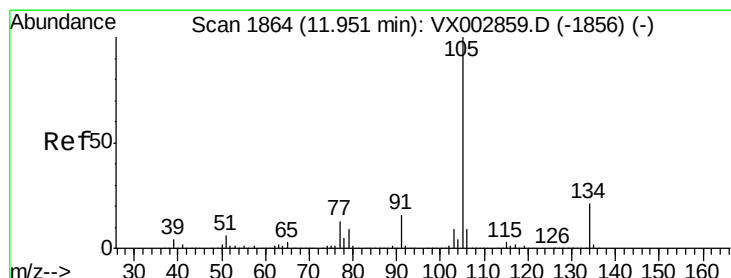
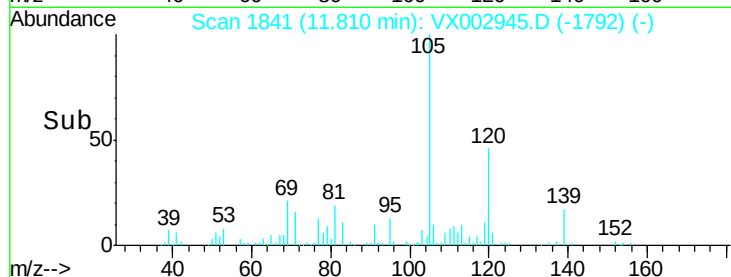
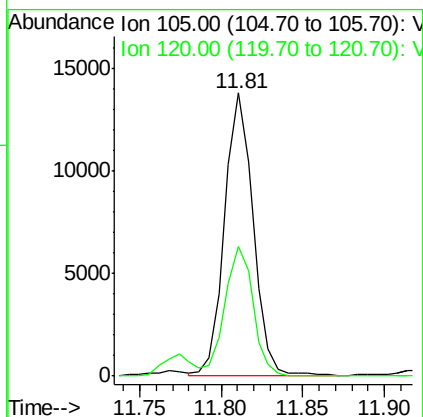
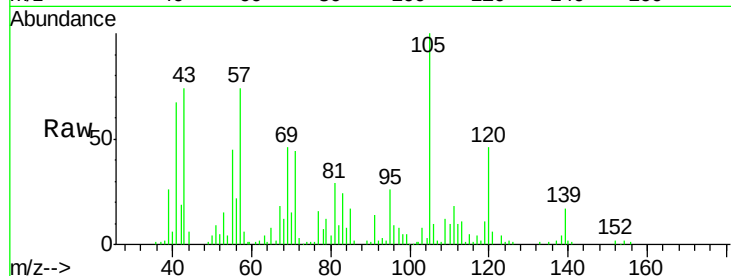




#84
 1,2,4-Trimethylbenzene
 Concen: 1.39 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

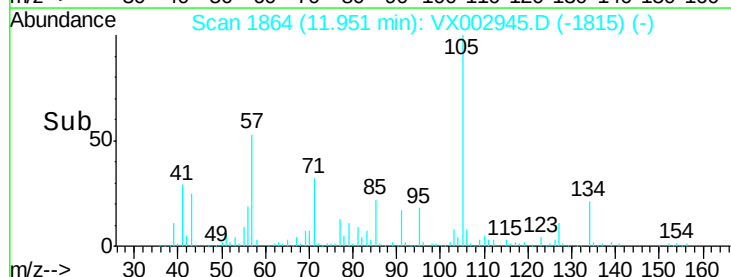
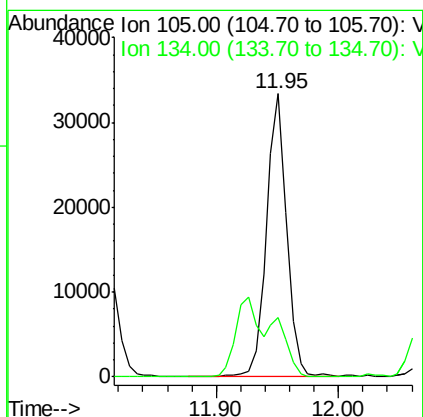
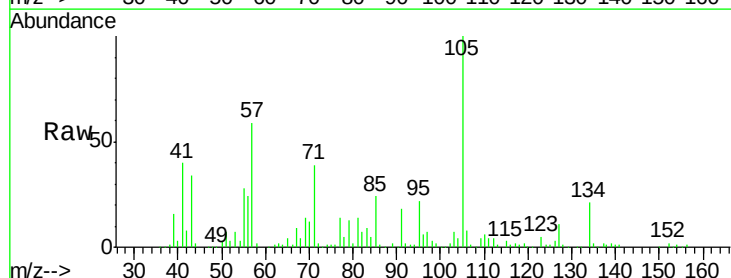
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-21-23-180622

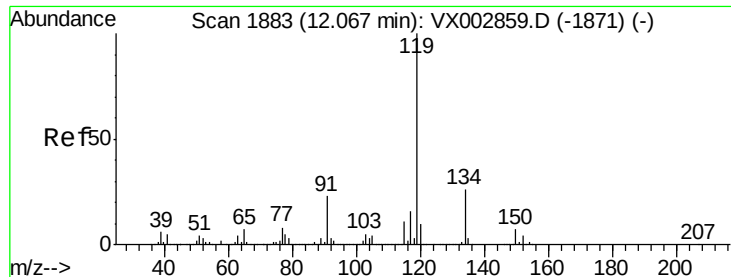
Tot Ion:105 Resp: 16957
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 2.73 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

Tgt Ion:105 Resp: 38473
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

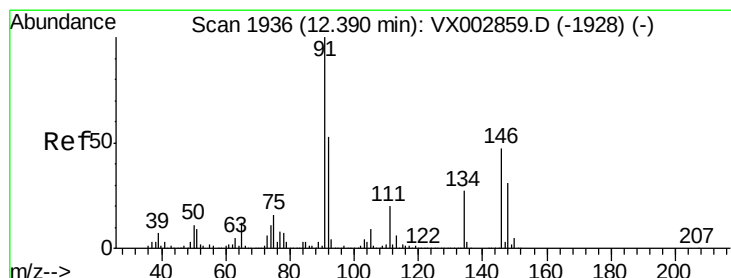
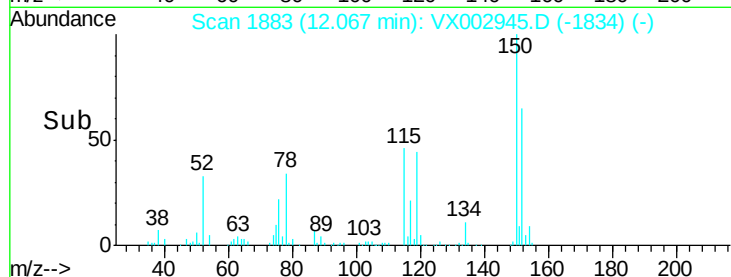
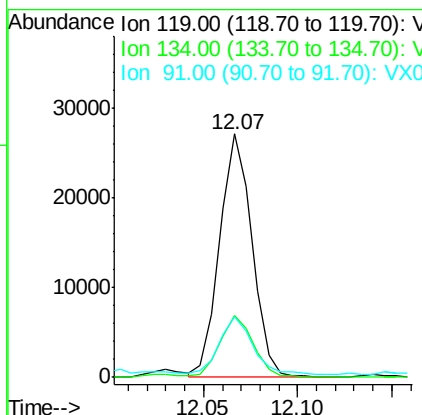
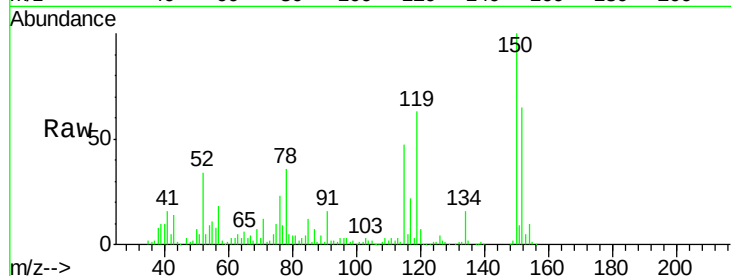




#86
p-Isopropyltoluene
Concen: 2.56 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

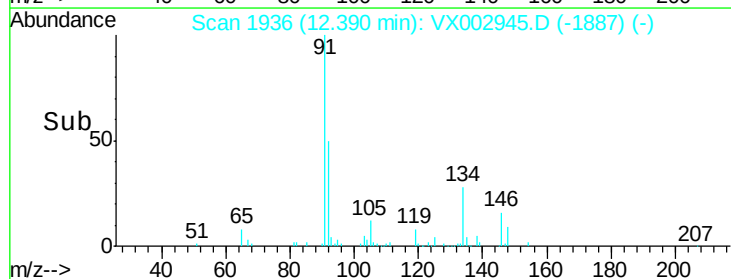
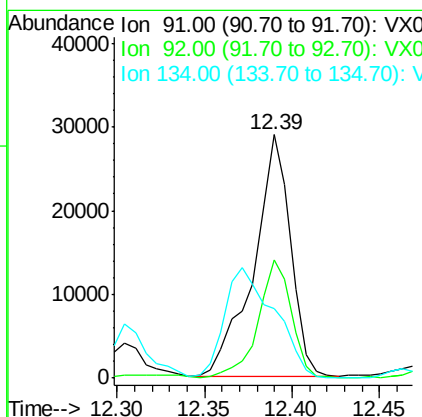
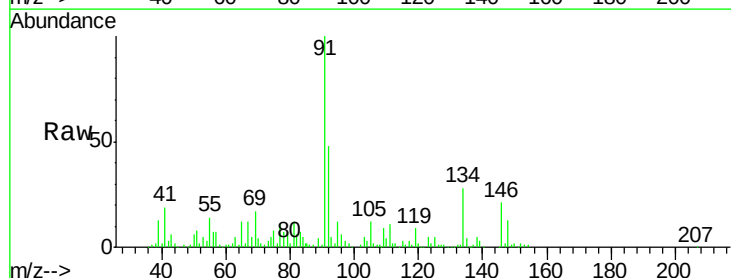
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-21-23-180622

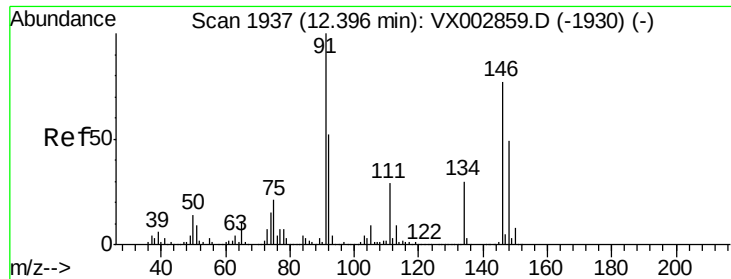
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.1
91	24.2	11.9	35.7



#89
n-Butylbenzene
Concen: 3.82 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002945.D
Acq: 27 Jun 2018 19:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.8	26.0	78.0
134	61.9	13.5	40.5





#91
 1,2-Dichlorobenzene
 Concen: 1.18 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002945.D
 Acq: 27 Jun 2018 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-21-23-180622

Tot Ion:146 Resp: 8702
 Ion Ratio Lower Upper
 146 100
 111 61.1 19.4 58.1#
 148 64.1 31.7 95.1

