

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003271.D
 Acq On : 10 Jul 2018 03:37
 Operator : JC/MD
 Sample : J3901-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

Quant Time: Jul 10 04:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189644	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	161688	40.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.56%	
35) Dibromofluoromethane	5.51	113	139764	37.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.40%	
50) Toluene-d8	8.72	98	493802	37.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.00%	
62) 4-Bromofluorobenzene	11.14	95	172547	34.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.98%	

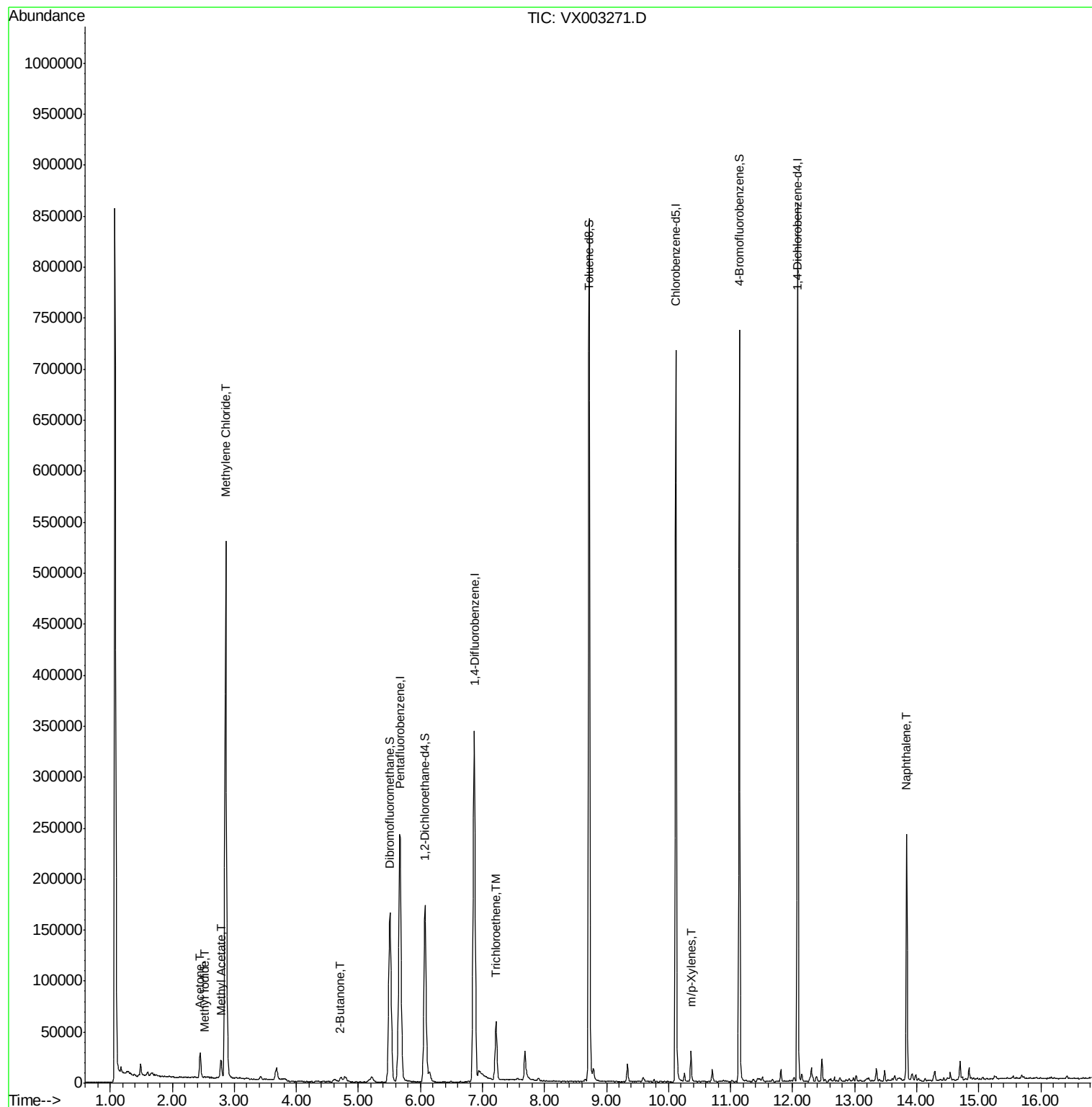
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1843	6.13	ug/l	# 92
16) Acetone	2.45	43	27678	19.66	ug/l	93
18) Methyl Acetate	2.78	43	22118	5.57	ug/l	96
20) Methylene Chloride	2.86	84	250140	87.25	ug/l	93
25) 2-Butanone	4.71	43	7290	2.93	ug/l	96
44) Trichloroethene	7.22	130	22830	5.26	ug/l	99
68) m/p-Xylenes	10.36	106	7009	1.00	ug/l	96
95) Naphthalene	13.84	128	156498	10.32	ug/l	99

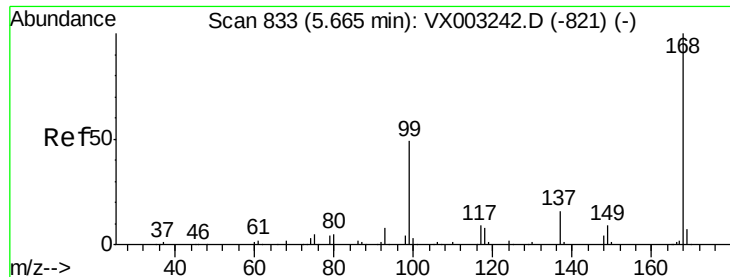
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

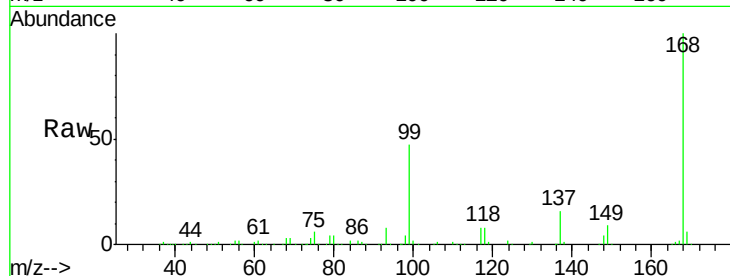
TP-9-S

Tot Ion:168 Resp: 251910

Ion Ratio Lower Upper

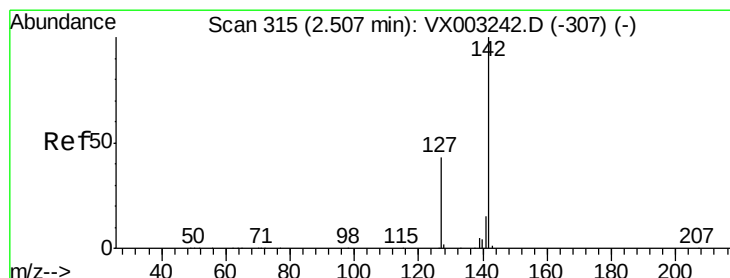
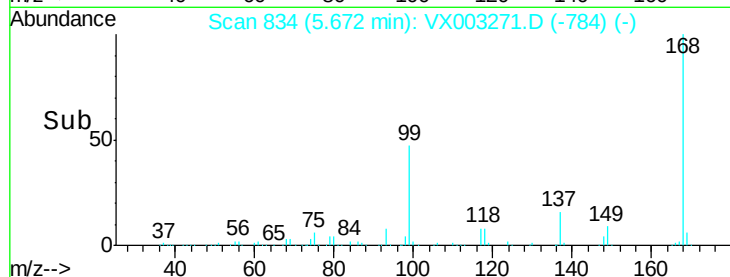
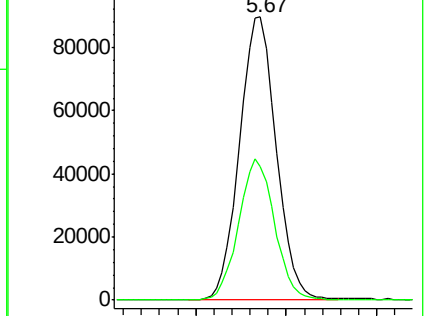
168 100

99 47.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.13 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

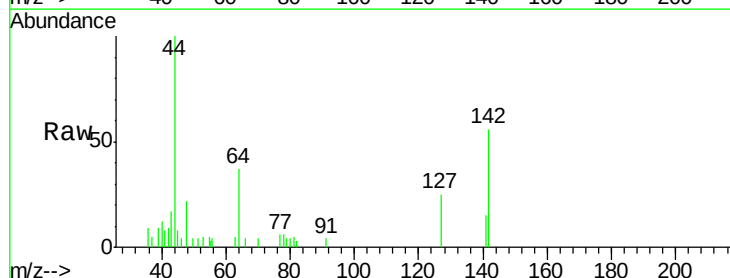
Tgt Ion:142 Resp: 1843

Ion Ratio Lower Upper

142 100

127 49.9 36.6 55.0

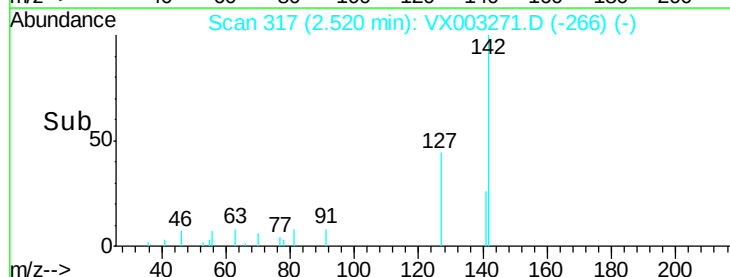
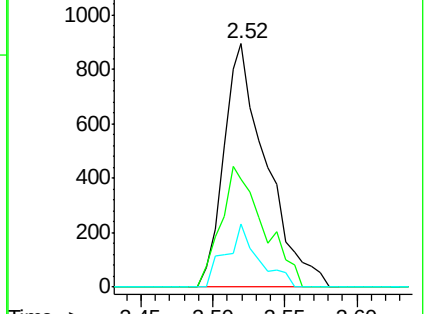
141 20.0 11.3 16.9#

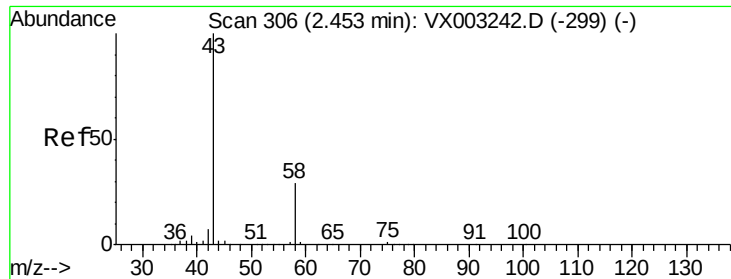


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 19.66 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

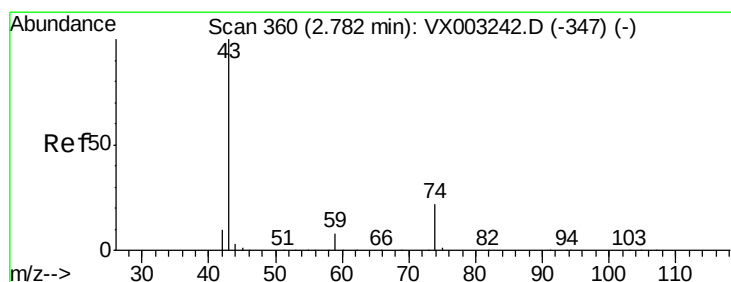
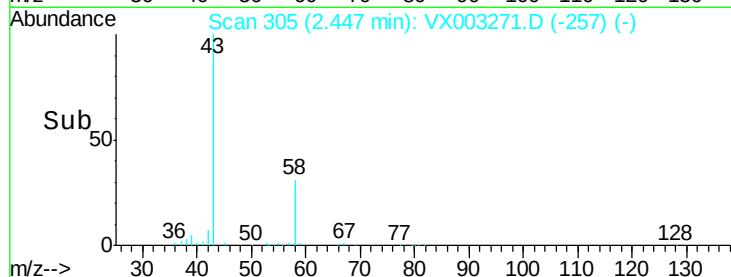
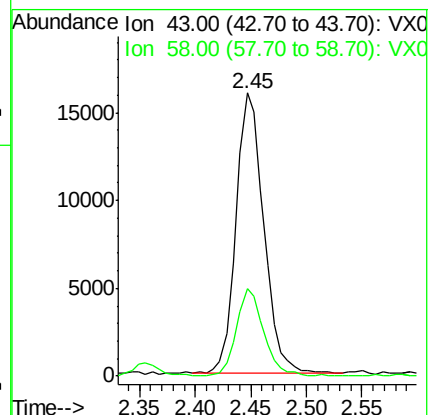
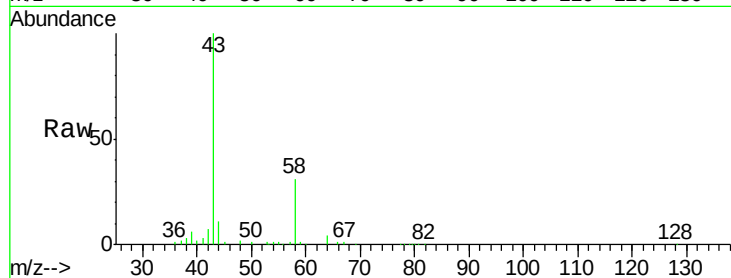
TP-9-S

Tot Ion: 43 Resp: 27678

Ion Ratio Lower Upper

43 100

58 31.1 22.1 33.1



#18

Methyl Acetate

Concen: 5.57 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003271.D

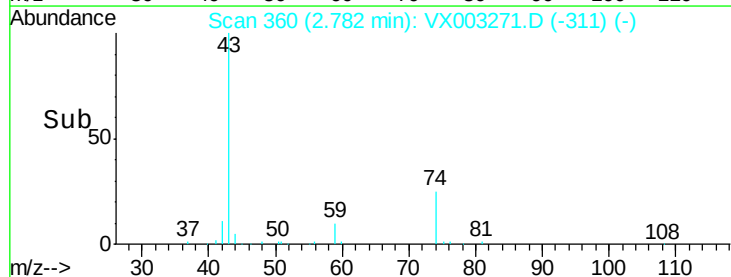
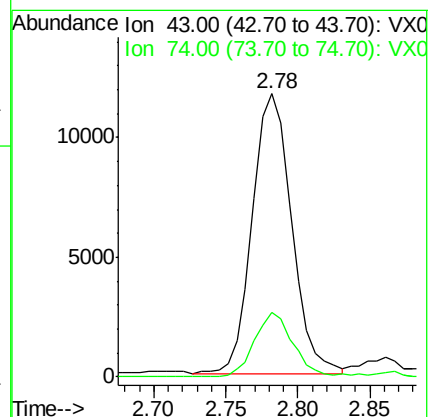
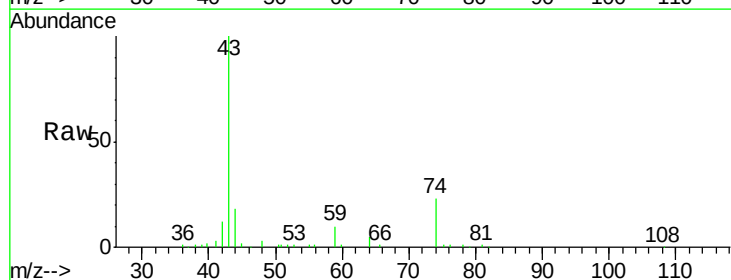
Acq: 10 Jul 2018 03:37

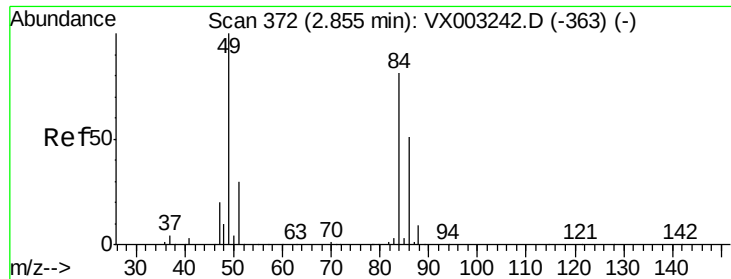
Tgt Ion: 43 Resp: 22118

Ion Ratio Lower Upper

43 100

74 22.7 16.7 25.1

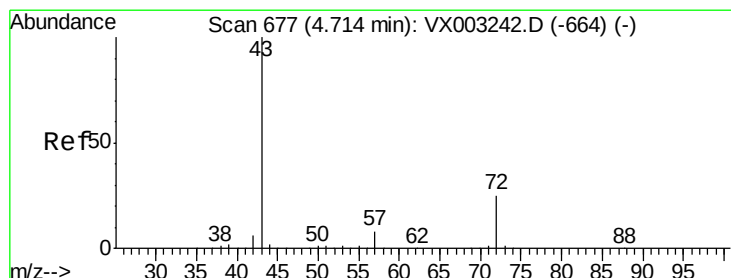
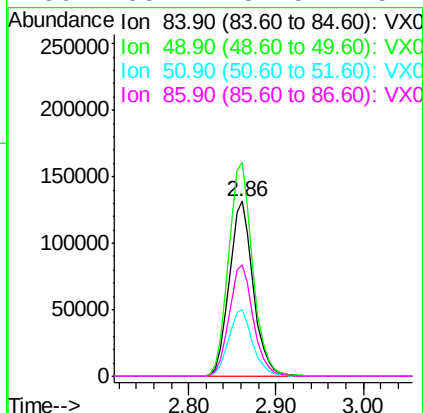
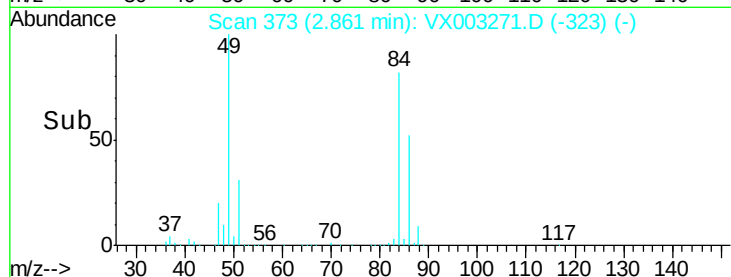
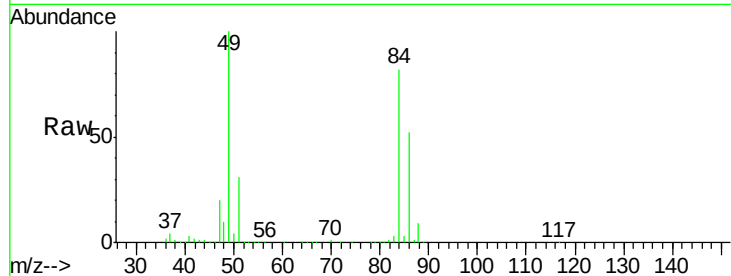




#20
Methylene Chloride
Concen: 87.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

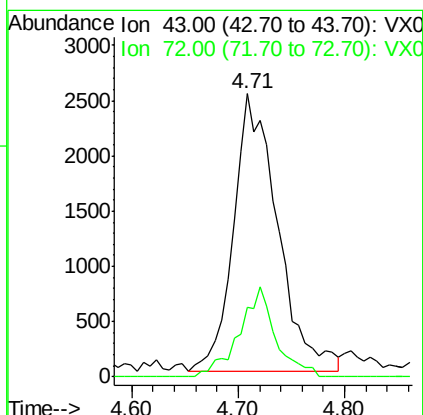
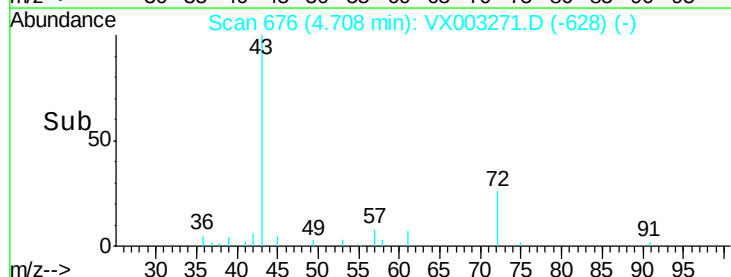
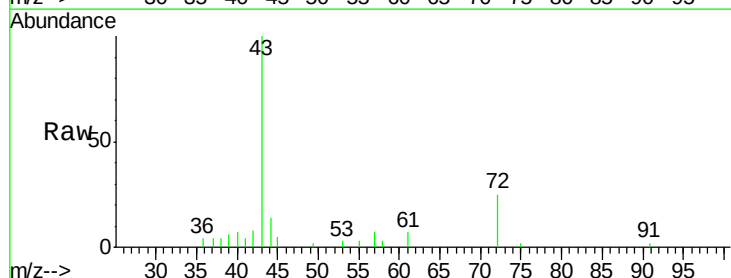
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

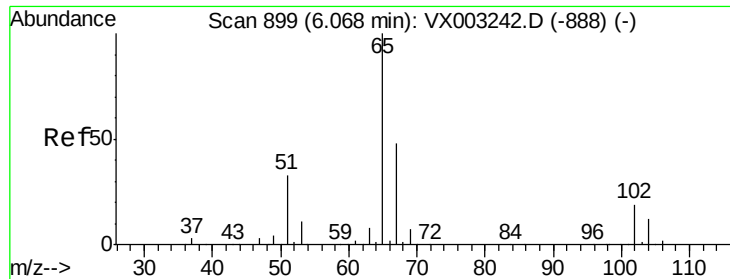
Tot Ion:	84	Resp:	250140
Ion	Ratio	Lower	Upper
84	100		
49	121.9	107.8	161.6
51	38.0	32.8	49.2
86	63.7	52.5	78.7



#25
2-Butanone
Concen: 2.93 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion:	43	Resp:	7290
Ion	Ratio	Lower	Upper
43	100		
72	25.1	18.5	27.7

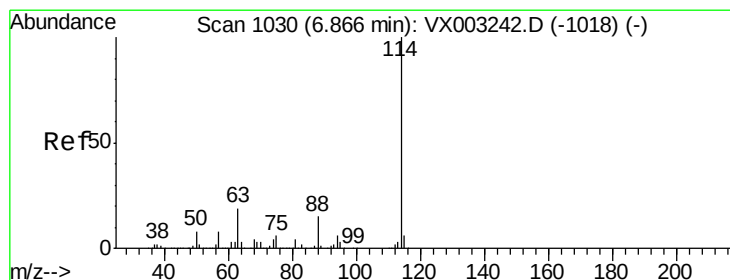
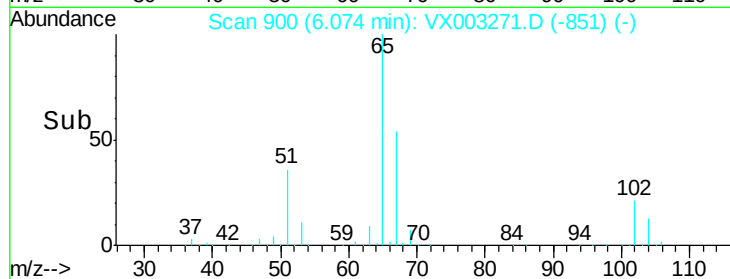
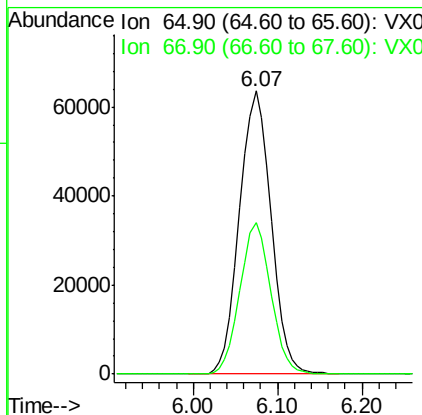
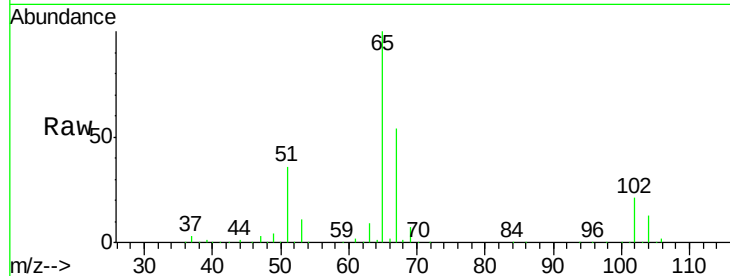




#33
 1,2-Dichloroethane-d4
 Concen: 40.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

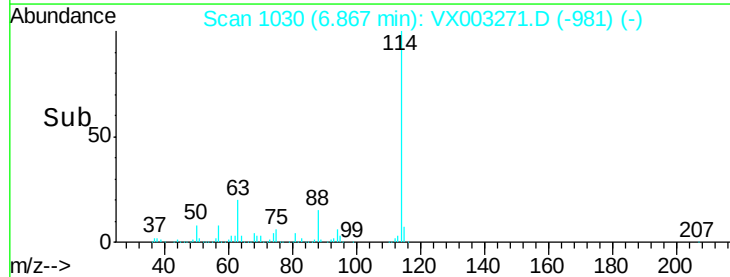
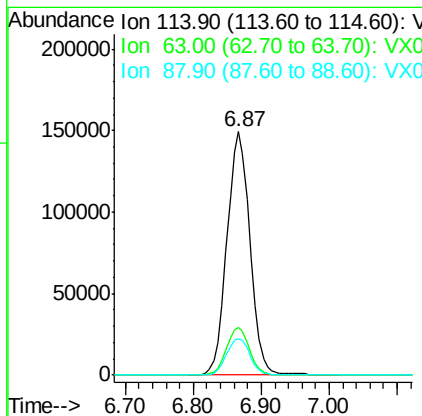
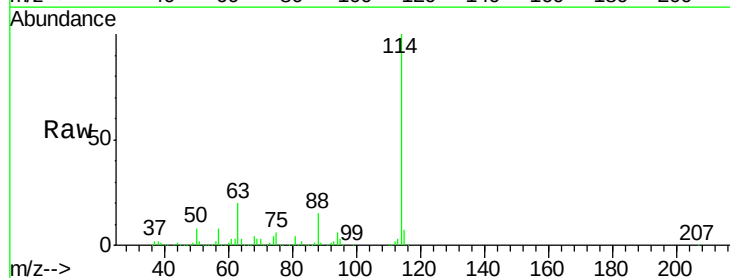
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

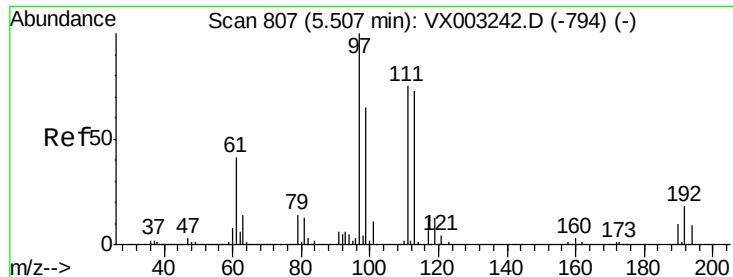
Tot Ion: 65 Resp: 161688
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

Tgt Ion: 114 Resp: 349750
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.1 0.0 30.0

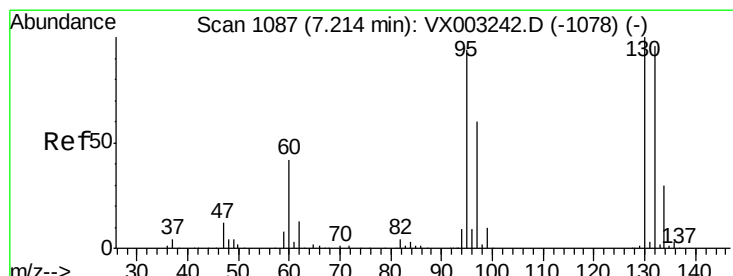
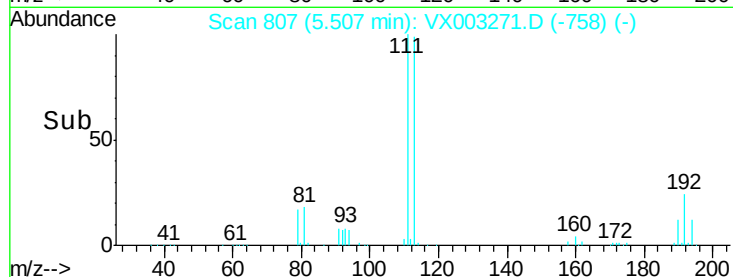
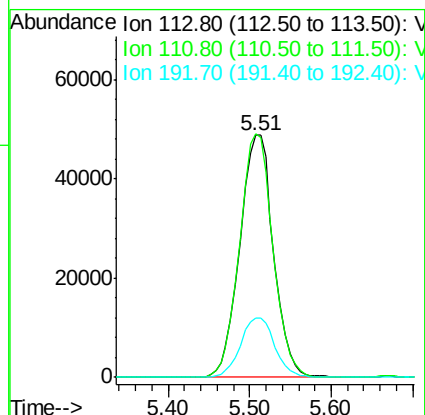
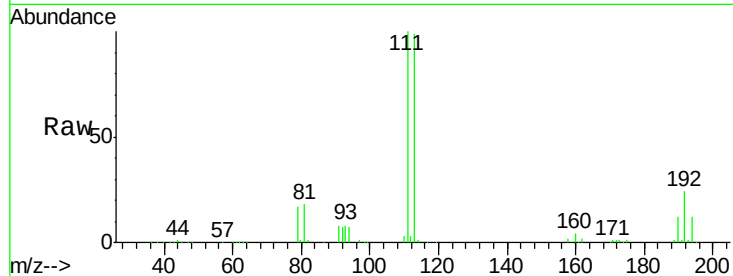




#35
 Dibromofluoromethane
 Concen: 37.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

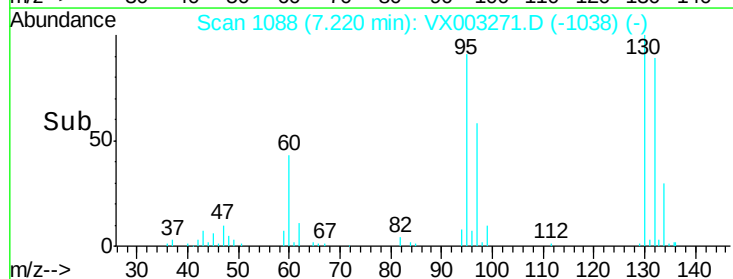
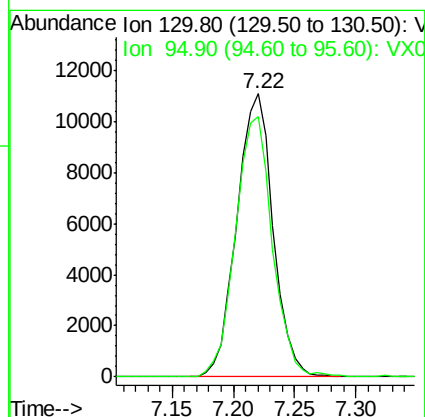
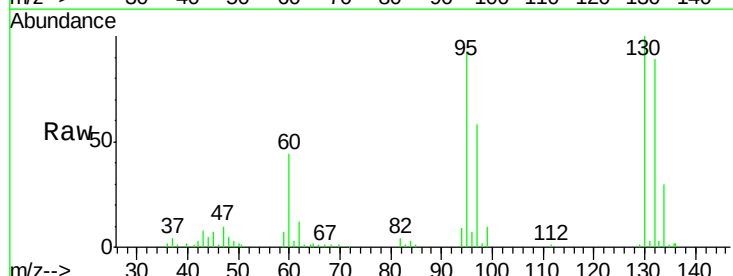
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

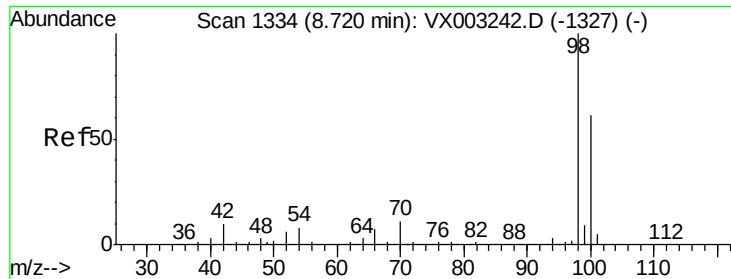
Tot Ion:113 Resp: 139764
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.4 122.0
 192 25.0 19.1 28.7



#44
 Trichloroethene
 Concen: 5.26 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

Tgt Ion:130 Resp: 22830
 Ion Ratio Lower Upper
 130 100
 95 91.5 0.0 185.4

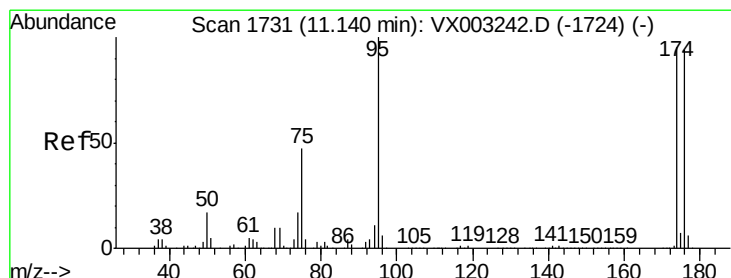
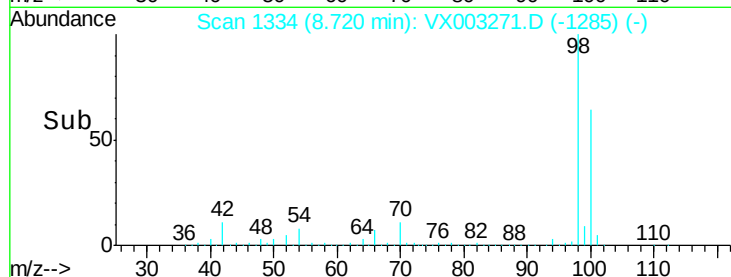
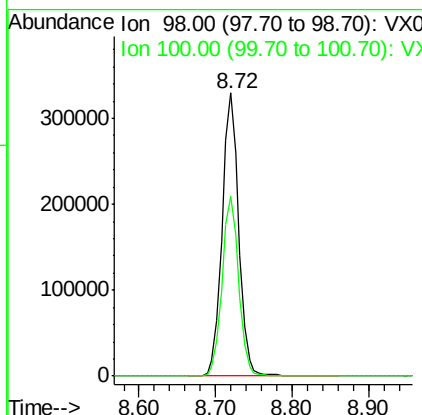
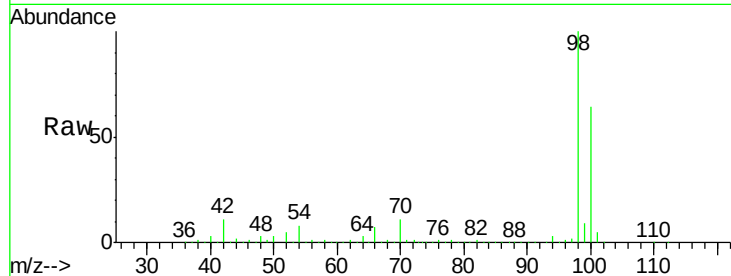




#50
Toluene-d8
Concen: 37.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

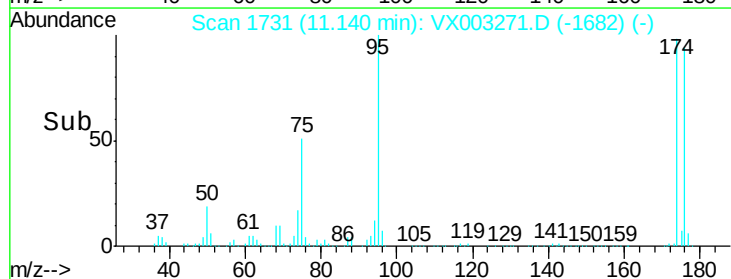
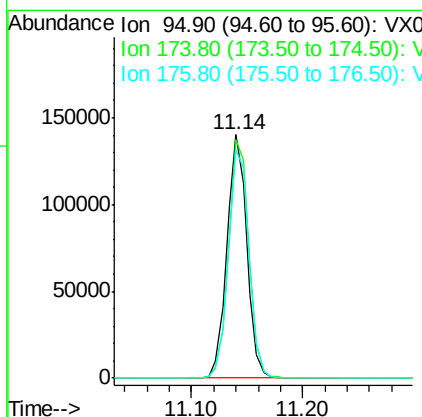
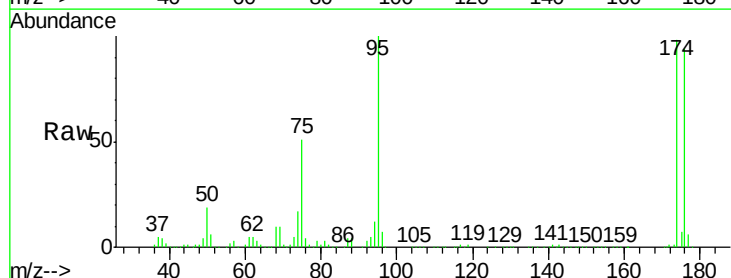
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

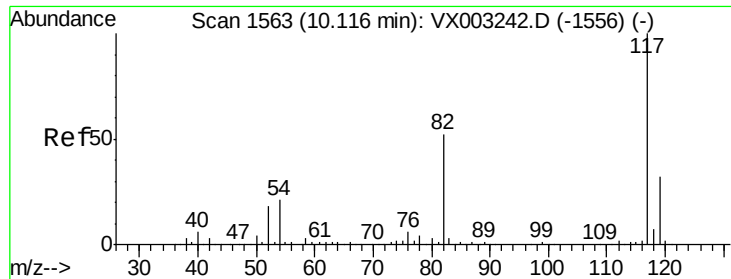
Tot Ion: 98 Resp: 493802
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.99 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 95 Resp: 172547
Ion Ratio Lower Upper
95 100
174 100.4 0.0 187.4
176 97.3 0.0 181.0

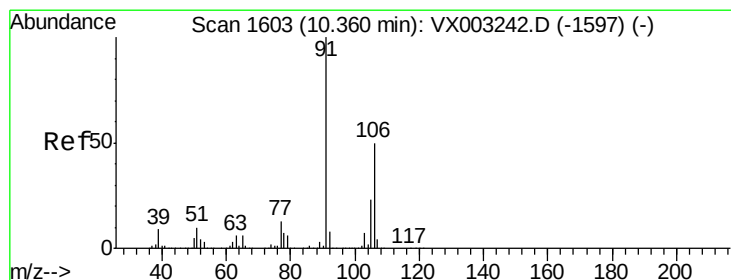
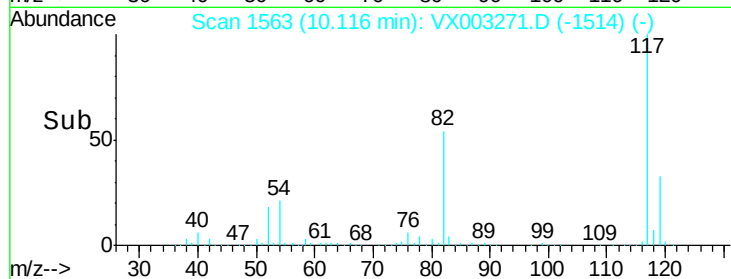
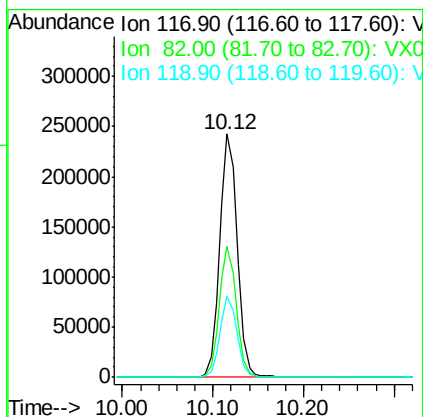
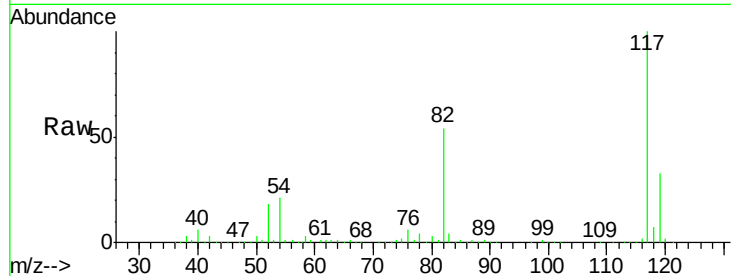




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

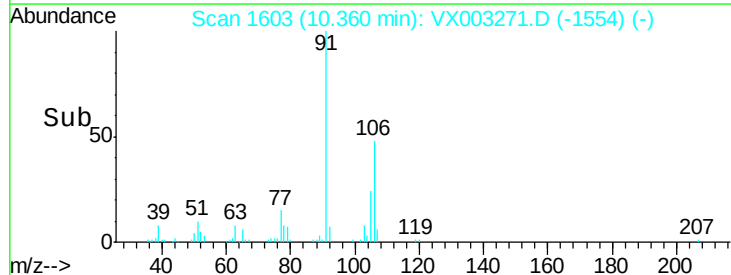
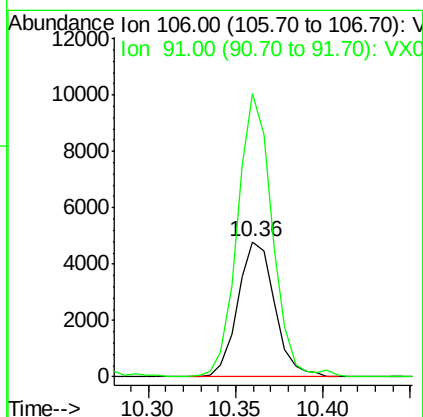
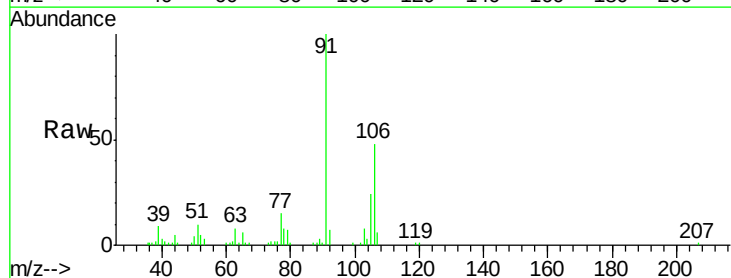
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

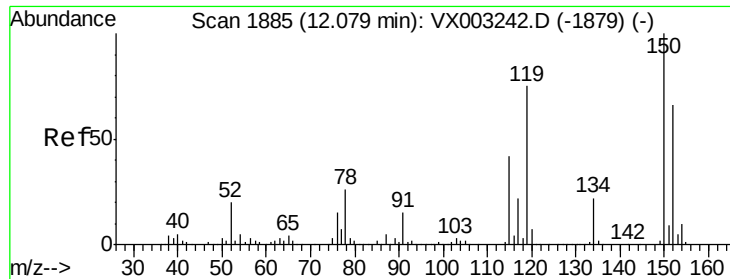
Tot Ion:117 Resp: 328171
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 33.3 25.8 38.6



#68
m/p-Xylenes
Concen: 1.00 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion:106 Resp: 7009
Ion Ratio Lower Upper
106 100
91 198.1 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

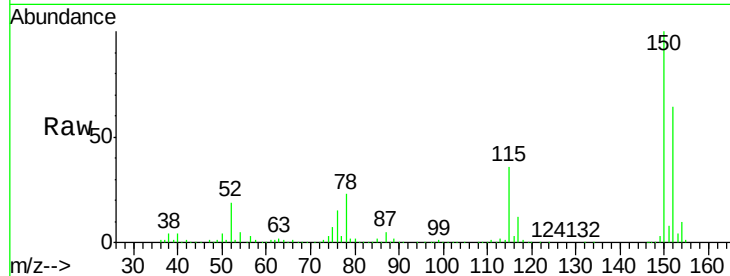
Tot Ion:152 Resp: 189644

Ion Ratio Lower Upper

152 100

115 53.1 40.1 120.2

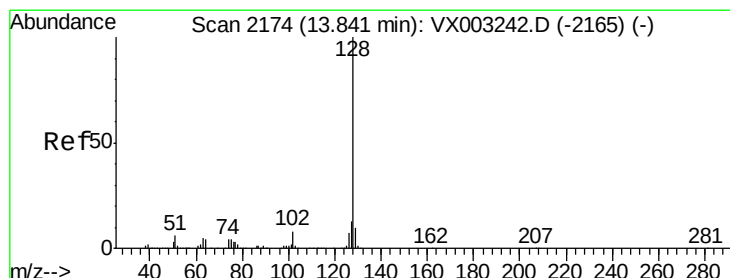
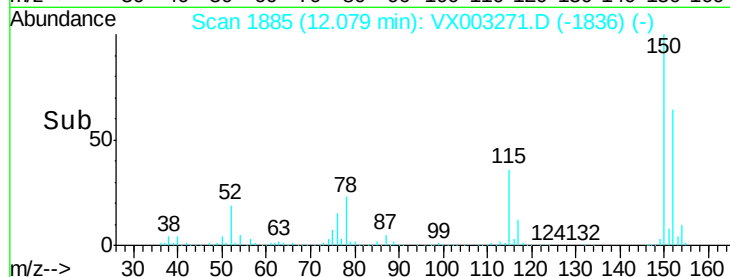
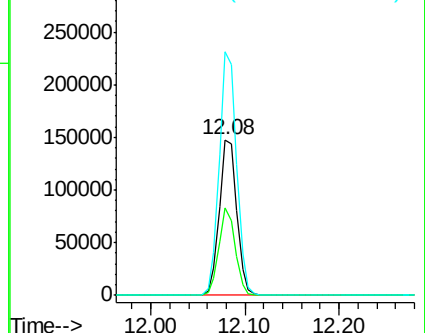
150 155.7 0.0 347.2



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



#95

Naphthalene

Concen: 10.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

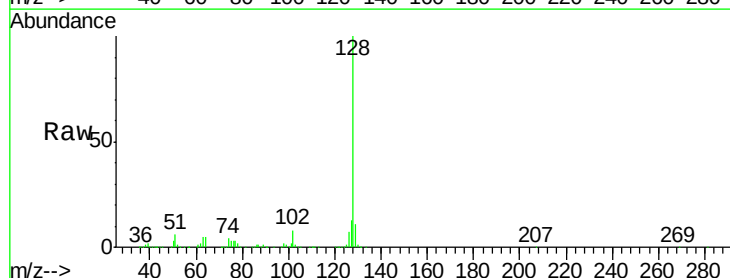
Tgt Ion:128 Resp: 156498

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.0 8.6 13.0



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

