

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011412.D
 Acq On : 09 Aug 2019 16:05
 Operator : JC/SP
 Sample : K4279-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-ER-2019-1

Quant Time: Aug 11 00:47:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	220439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	319977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131517	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113859	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
35) Dibromofluoromethane	5.49	113	96821	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
50) Toluene-d8	8.71	98	367273	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	11.13	95	126325	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	

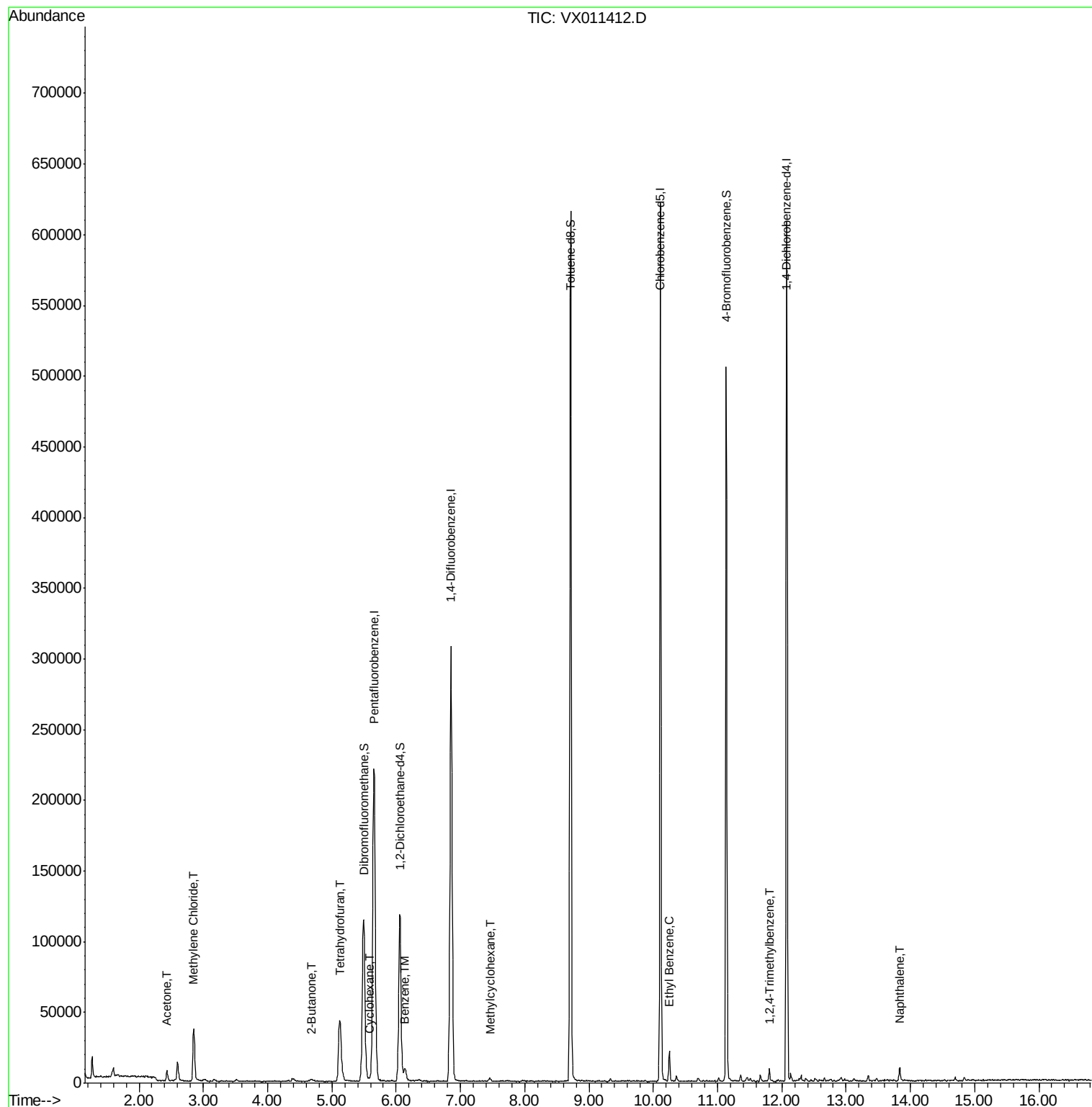
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	6775	6.412	ug/l	93
20) Methylene Chloride	2.85	84	18098	7.821	ug/l	95
25) 2-Butanone	4.68	43	2381	1.584	ug/l	91
29) Tetrahydrofuran	5.12	42	39783	43.167	ug/l	99
31) Cyclohexane	5.59	56	1056	0.369	ug/l #	93
39) Methylcyclohexane	7.46	83	1005	0.303	ug/l #	82
40) Benzene	6.13	78	9810	1.177	ug/l	91
67) Ethyl Benzene	10.25	91	11810	1.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	3852	0.514	ug/l	95
95) Naphthalene	13.83	128	6308	0.735	ug/l #	95

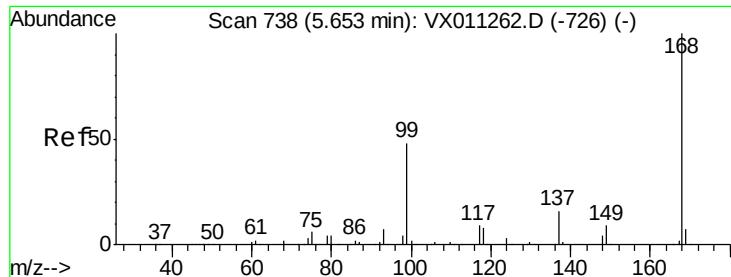
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Z3-ER-2019-1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

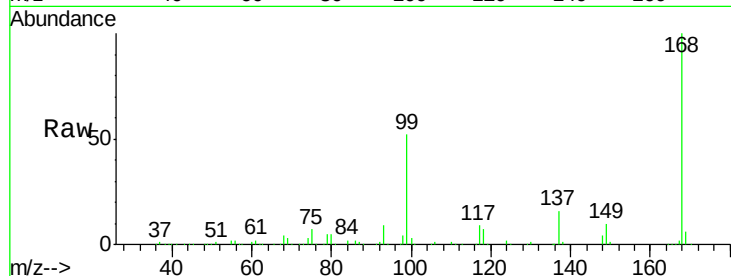
Z3-ER-2019-1

Tot Ion:168 Resp: 220439

Ion Ratio Lower Upper

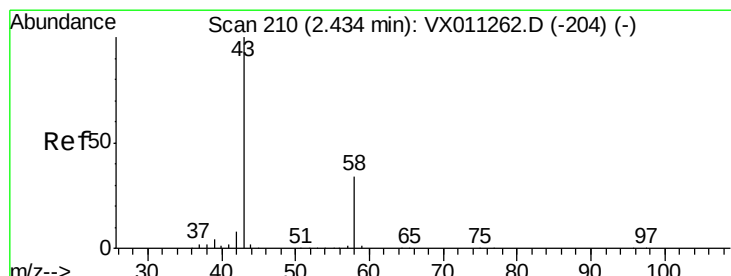
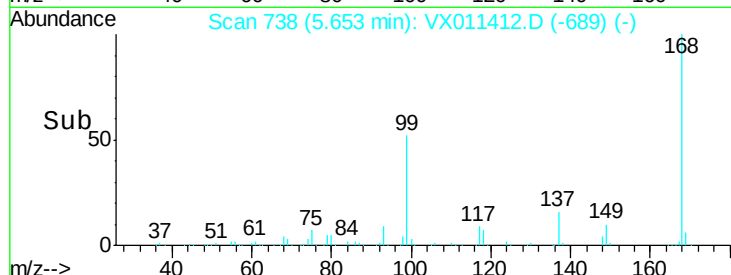
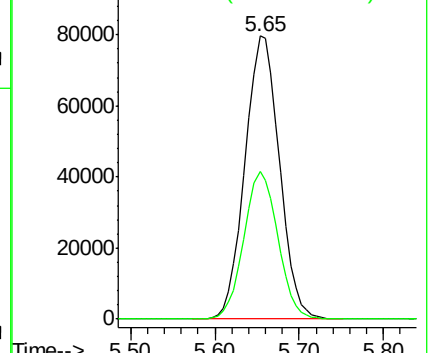
168 100

99 52.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.412 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011412.D

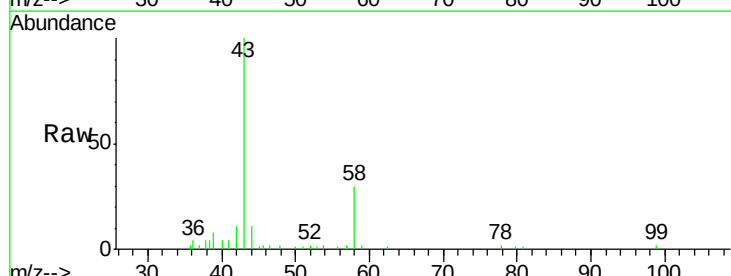
Acq: 09 Aug 2019 16:05

Tgt Ion: 43 Resp: 6775

Ion Ratio Lower Upper

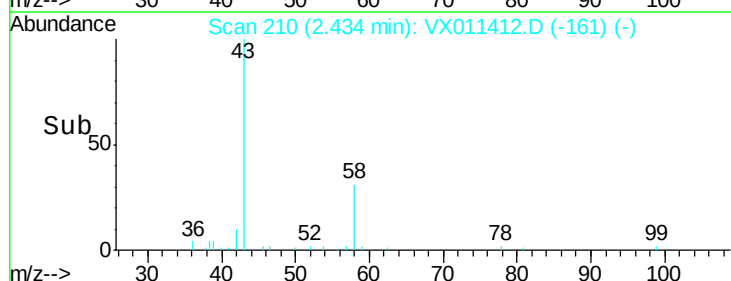
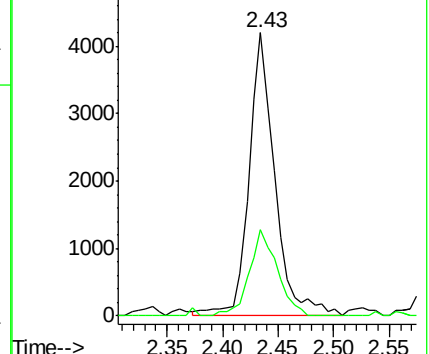
43 100

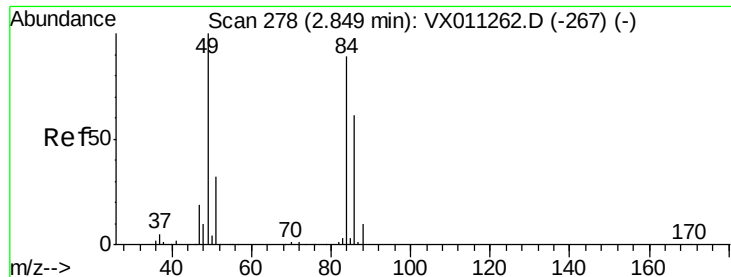
58 30.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

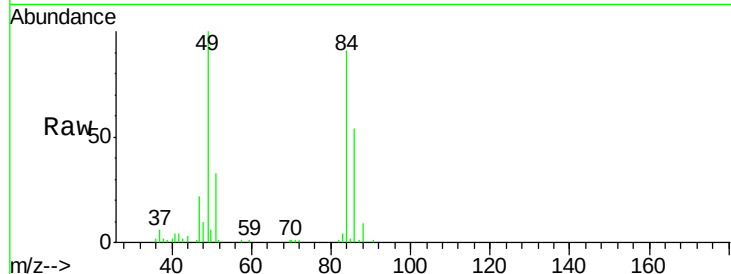




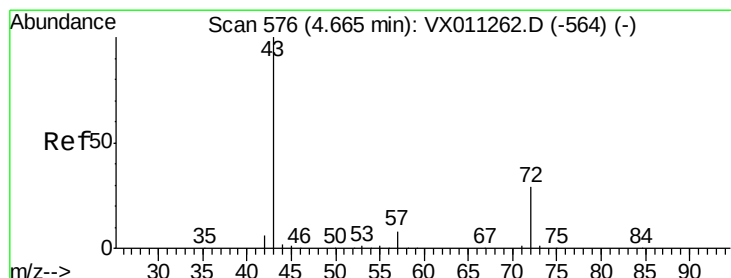
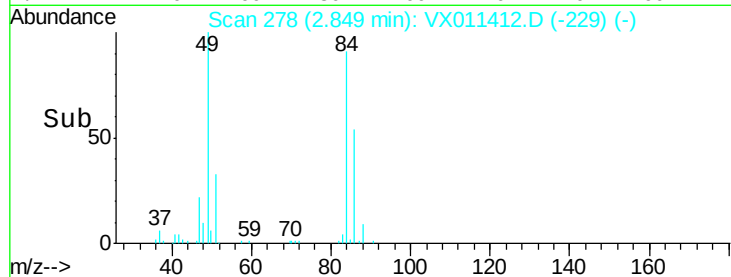
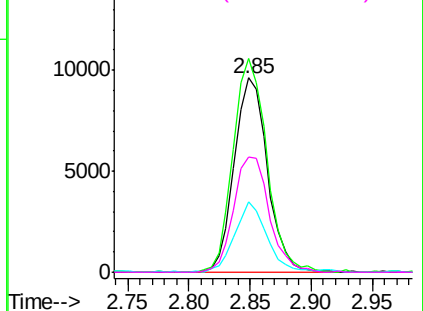
#20
Methvlene Chloride
Concen: 7.821 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011412.D
Acq: 09 Aug 2019 16:05

Instrument :
MSVOA_X
ClientSampleId :
Z3-ER-2019-1

Tot Ion: 84	Resp: 18098
Ion Ratio	Lower Upper
84 100	
49 109.8	89.3 133.9
51 35.9	28.3 42.5
86 59.0	54.5 81.7

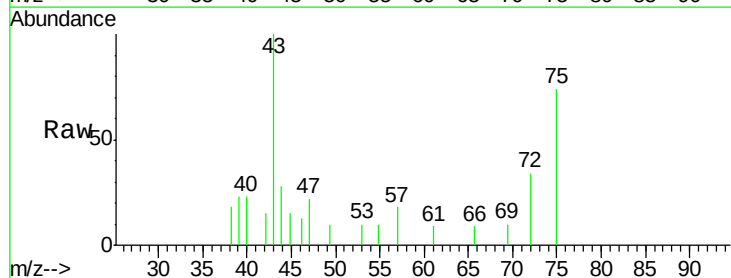


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

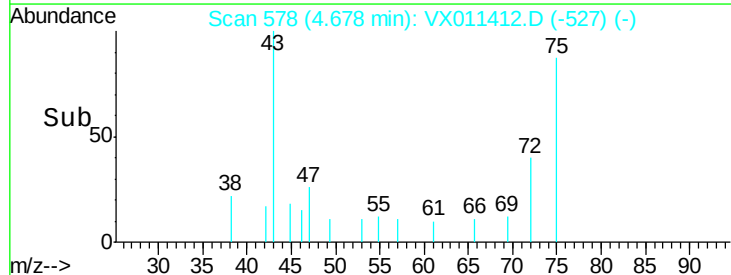
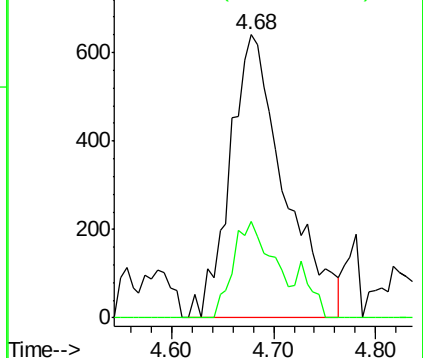


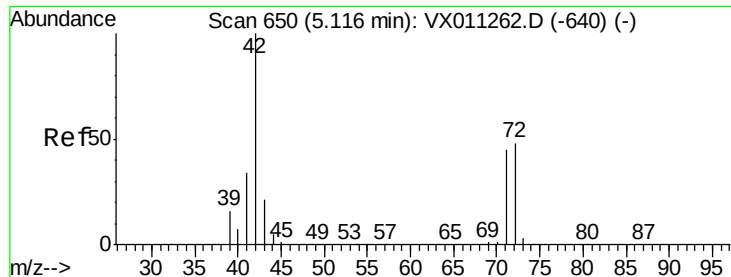
#25
2-Butanone
Concen: 1.584 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011412.D
Acq: 09 Aug 2019 16:05

Tgt Ion: 43	Resp: 2381
Ion Ratio	Lower Upper
43 100	
72 33.9	23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 43.167 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

Instrument :

MSVOA_X

ClientSampled :

Z3-ER-2019-1

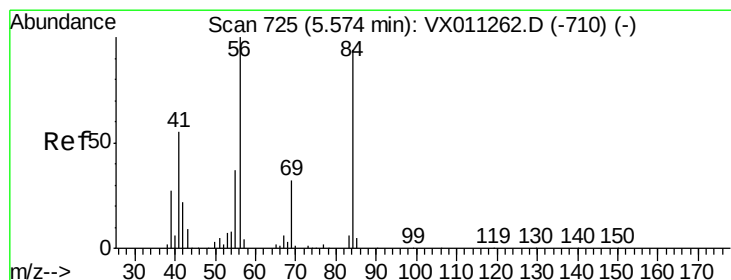
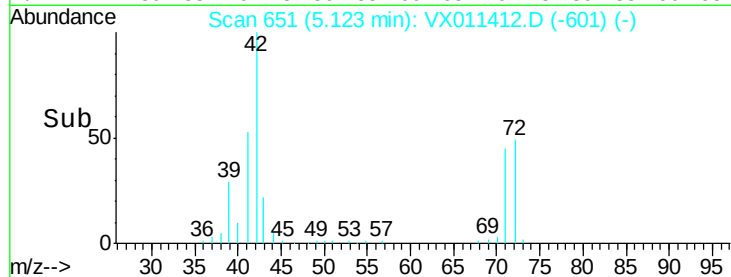
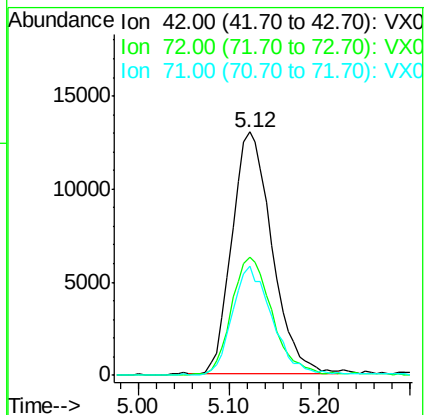
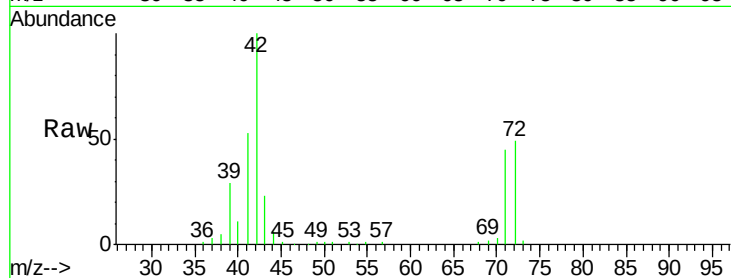
Tot Ion: 42 Resp: 39783

Ion Ratio Lower Upper

42 100

72 49.4 39.9 59.9

71 45.1 36.9 55.3



#31

Cyclohexane

Concen: 0.369 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

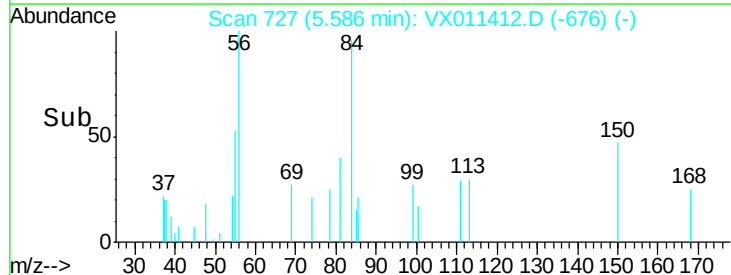
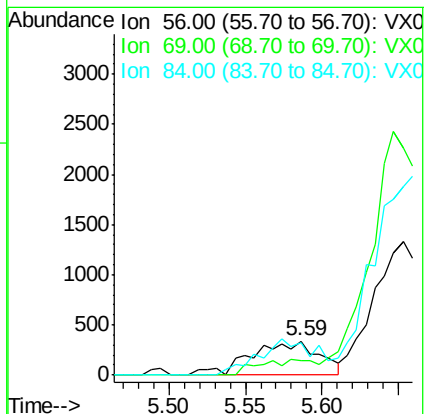
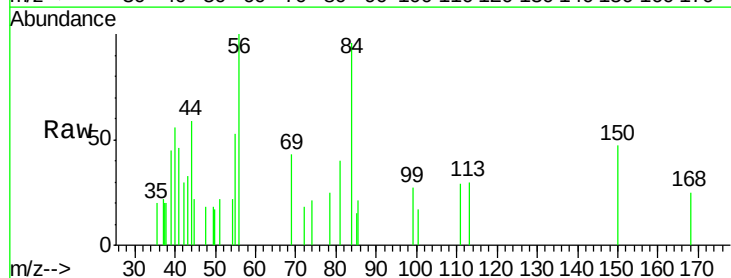
Tgt Ion: 56 Resp: 1056

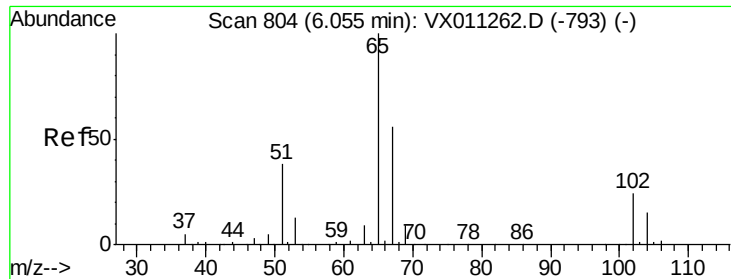
Ion Ratio Lower Upper

56 100

69 42.9 25.5 38.3#

84 96.4 75.0 112.4

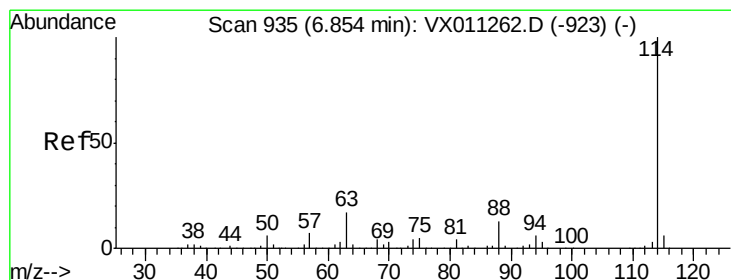
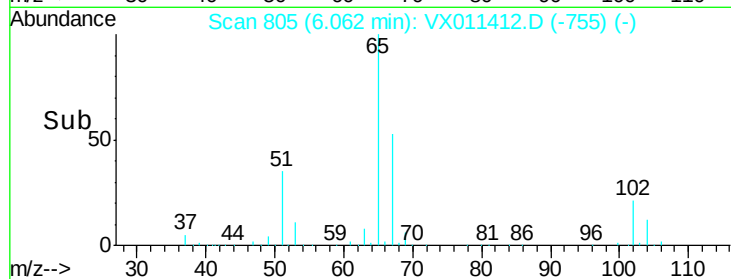
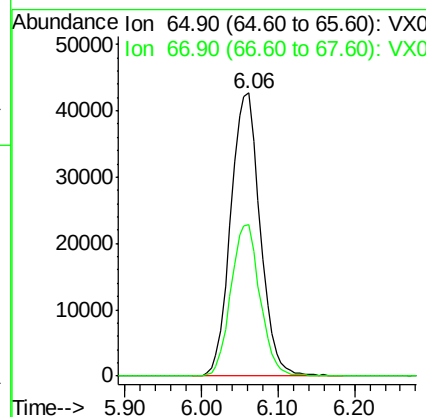
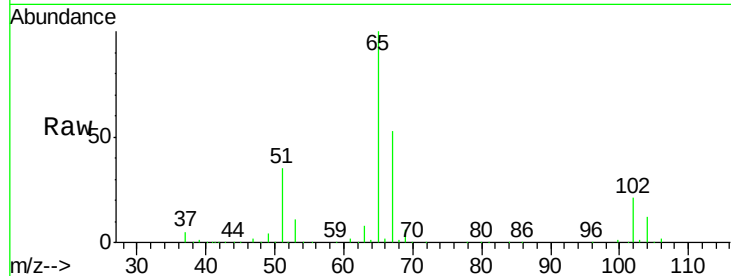




#33
 1,2-Dichloroethane-d4
 Concen: 51.289 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX011412.D
 Acq: 09 Aug 2019 16:05

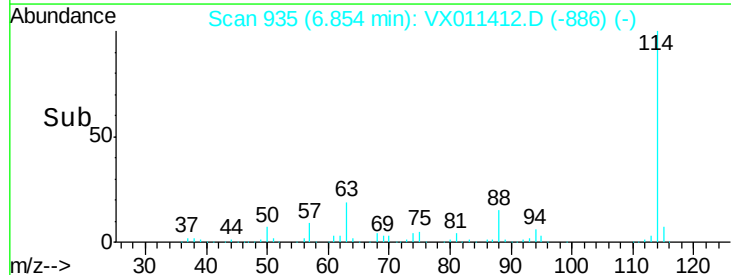
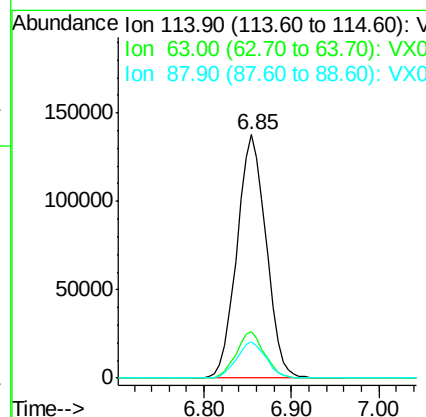
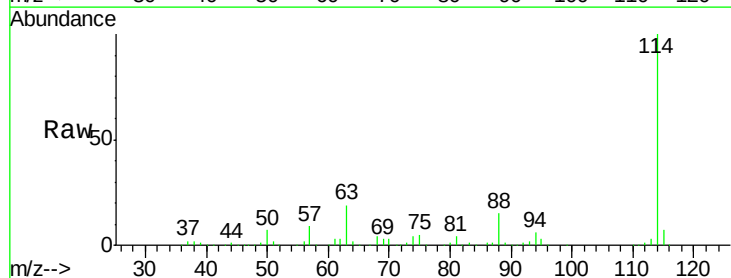
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-ER-2019-1

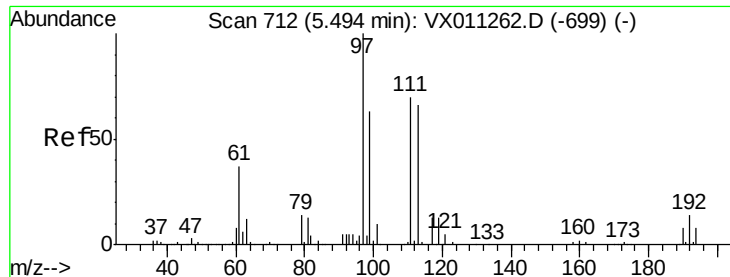
Tot Ion: 65 Resp: 113859
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011412.D
 Acq: 09 Aug 2019 16:05

Tgt Ion: 114 Resp: 319977
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 34.0
 88 14.7 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.347 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

Z3-ER-2019-1

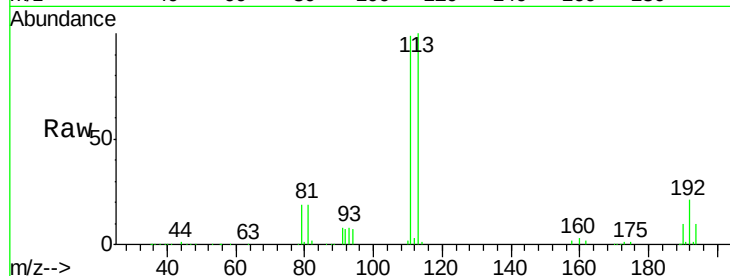
Tot Ion:113 Resp: 96821

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

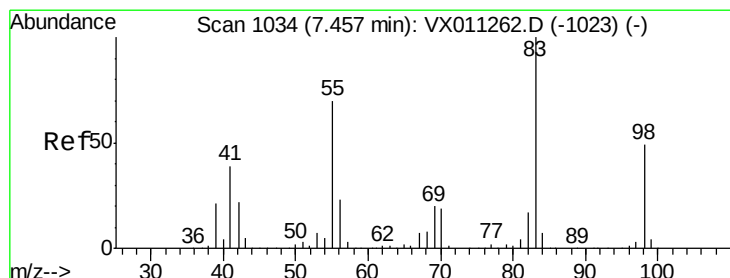
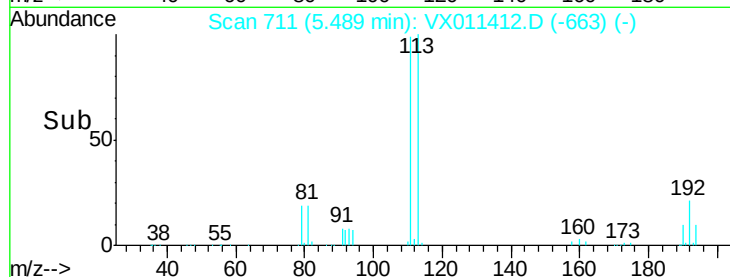
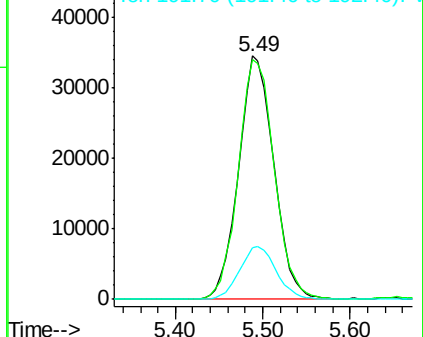
192 22.6 17.8 26.8



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

Methylcyclohexane

Concen: 0.303 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

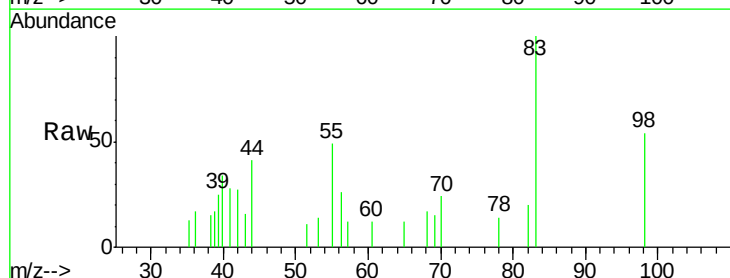
Tgt Ion: 83 Resp: 1005

Ion Ratio Lower Upper

83 100

55 49.4 56.1 84.1#

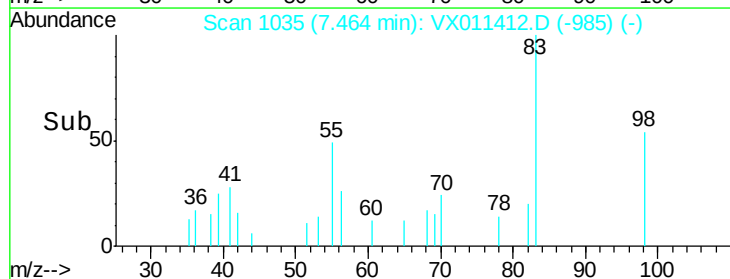
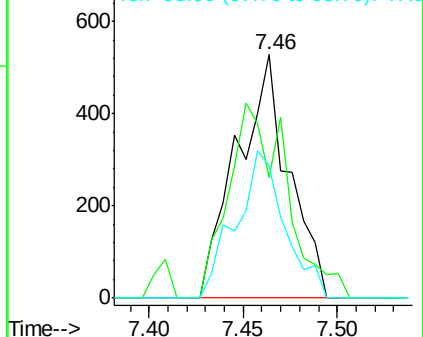
98 54.4 39.0 58.4

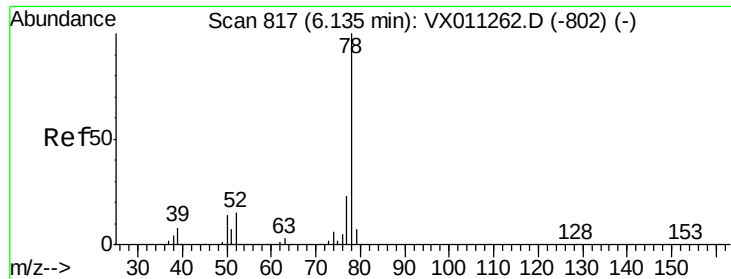


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.177 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

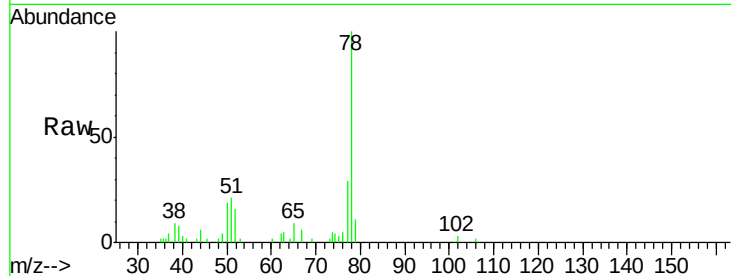
Z3-ER-2019-1

Tot Ion: 78 Resp: 9810

Ion Ratio Lower Upper

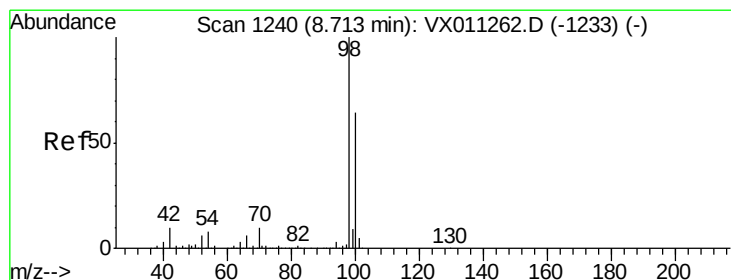
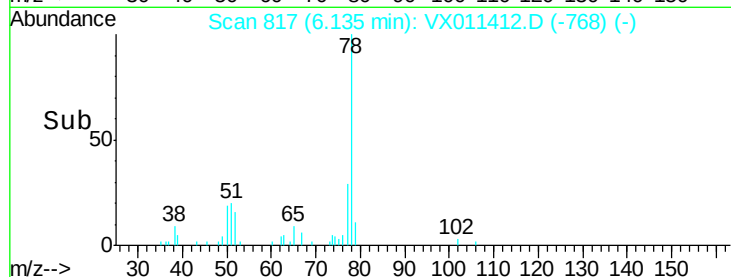
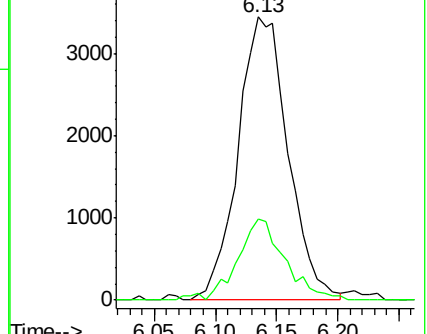
78 100

77 27.2 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 46.575 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011412.D

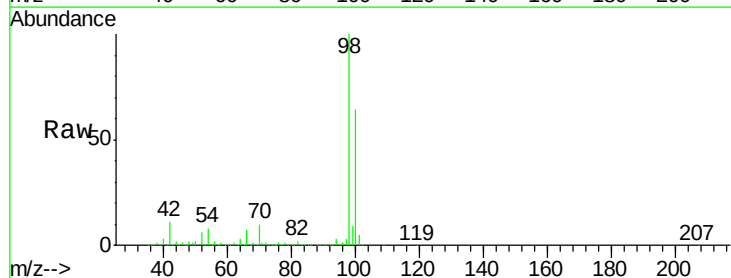
Acq: 09 Aug 2019 16:05

Tgt Ion: 98 Resp: 367273

Ion Ratio Lower Upper

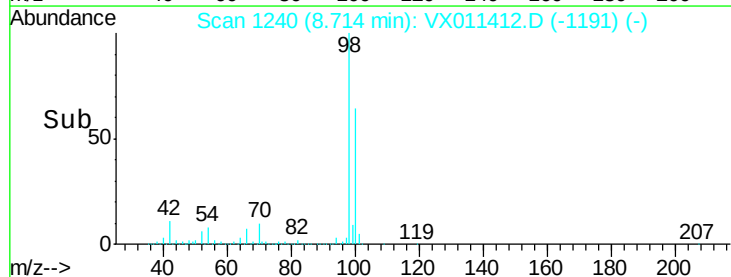
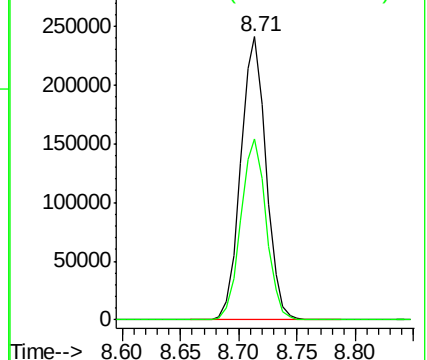
98 100

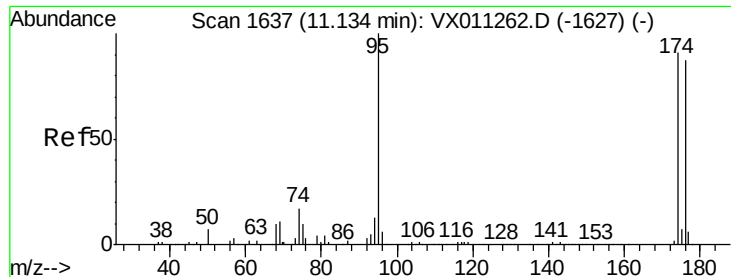
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

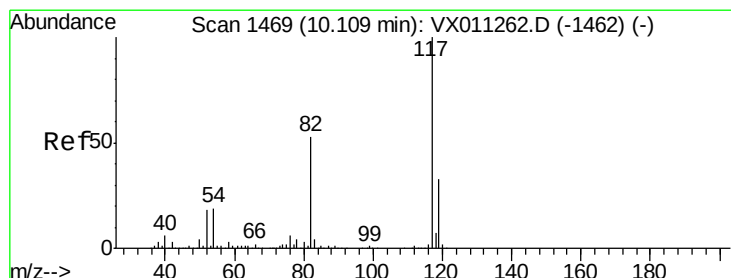
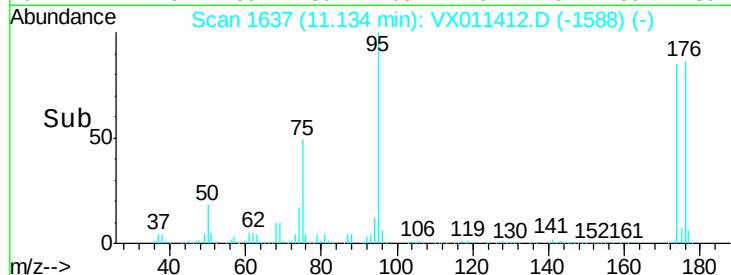
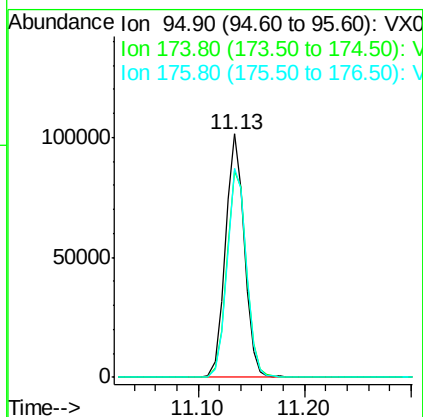
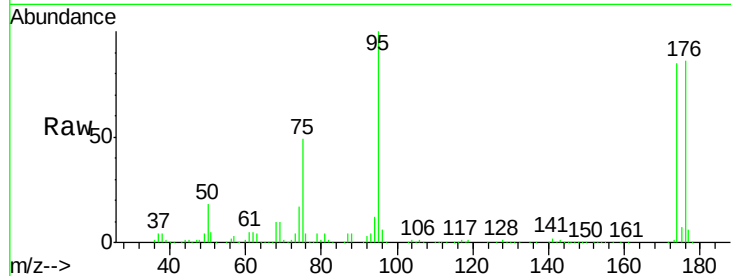




#62
4-Bromofluorobenzene
Concen: 44.870 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011412.D
Acq: 09 Aug 2019 16:05

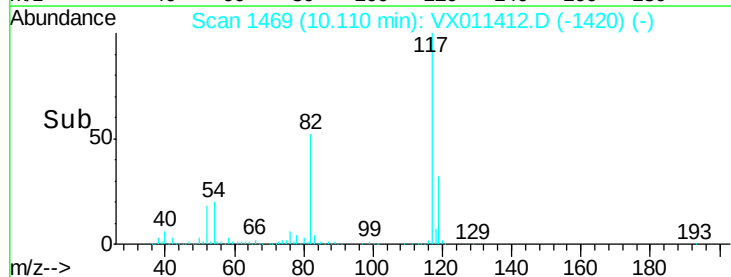
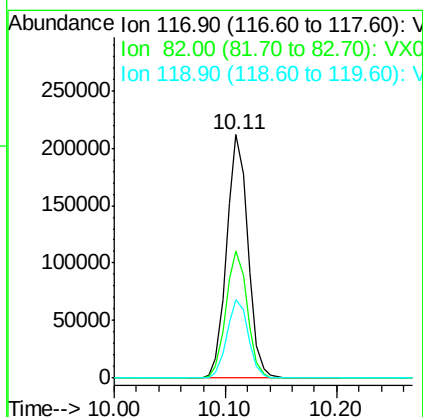
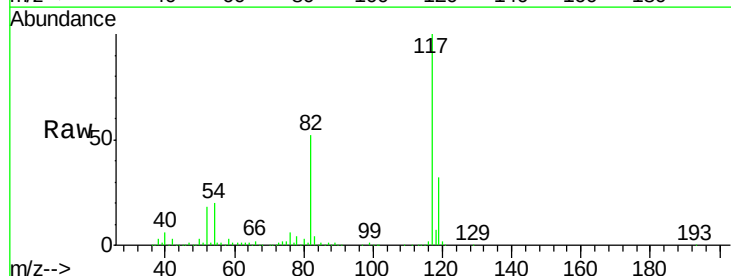
Instrument :
MSVOA_X
ClientSampled :
Z3-ER-2019-1

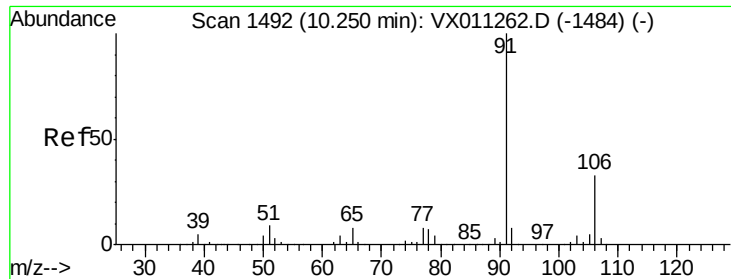
Tot Ion: 95 Resp: 126325
Ion Ratio Lower Upper
95 100
174 88.3 0.0 191.2
176 87.7 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011412.D
Acq: 09 Aug 2019 16:05

Tgt Ion: 117 Resp: 279216
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 32.5 26.6 39.8

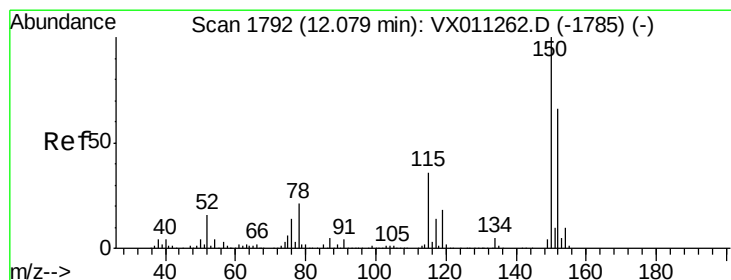
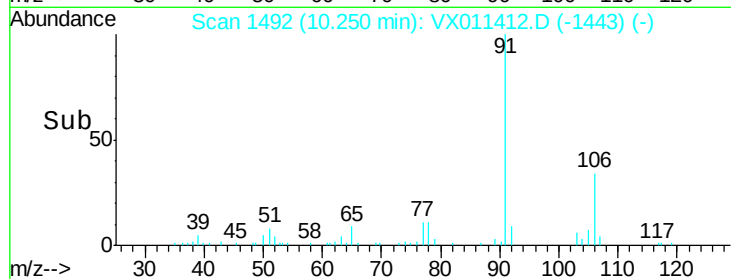
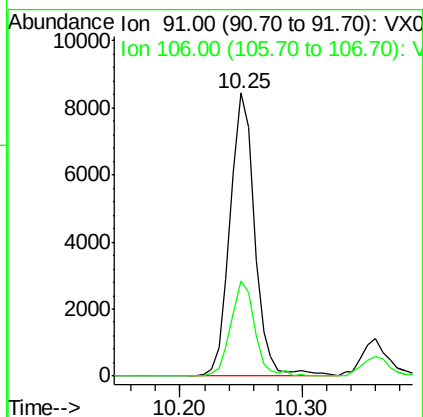
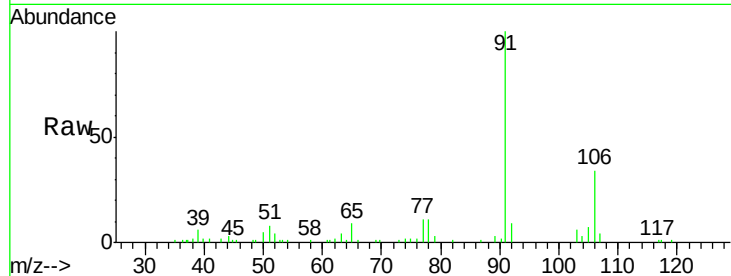




#67
Ethyl Benzene
Concen: 1.178 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011412.D
Acq: 09 Aug 2019 16:05

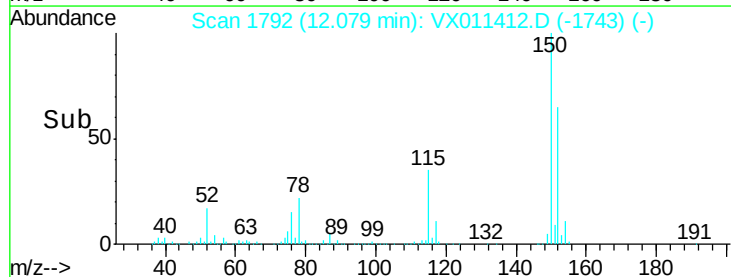
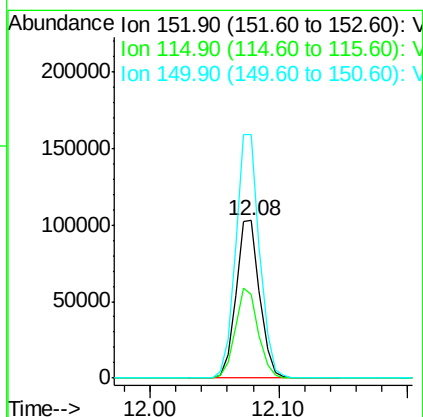
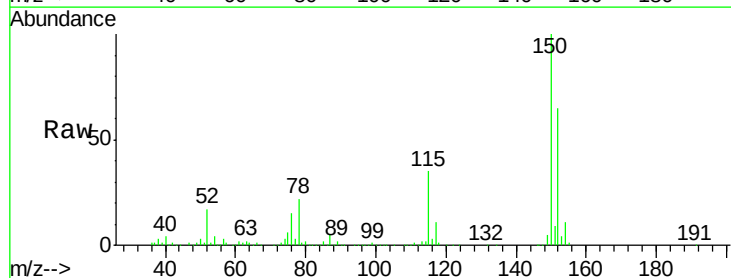
Instrument :
MSVOA_X
ClientSampled :
Z3-ER-2019-1

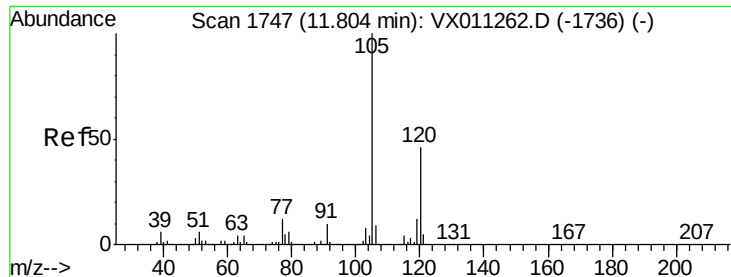
Tot Ion: 91 Resp: 11810
Ion Ratio Lower Upper
91 100
106 33.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011412.D
Acq: 09 Aug 2019 16:05

Tgt Ion: 152 Resp: 131517
Ion Ratio Lower Upper
152 100
115 55.5 40.0 119.9
150 155.2 0.0 350.4





#84

1,2,4-Trimethylbenzene

Concen: 0.514 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

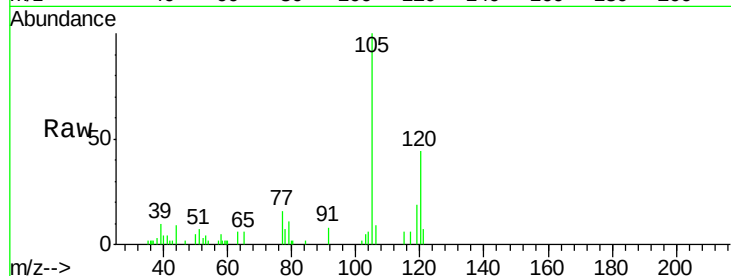
Z3-ER-2019-1

Tot Ion:105 Resp: 3852

Ion Ratio Lower Upper

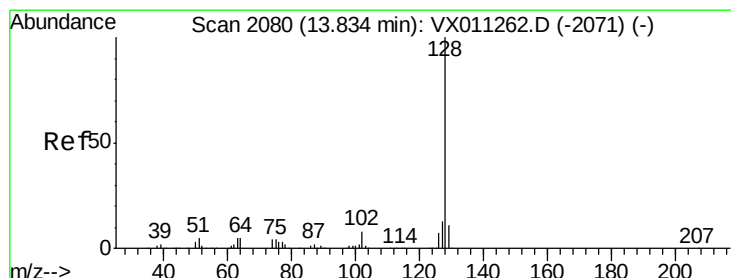
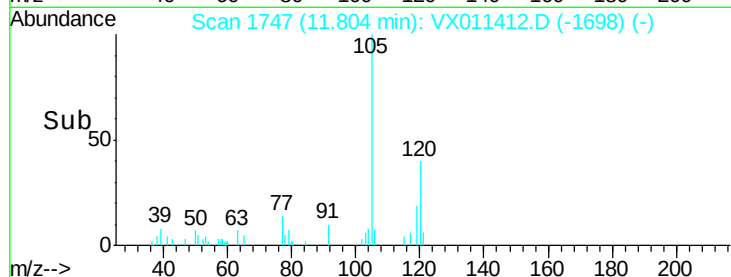
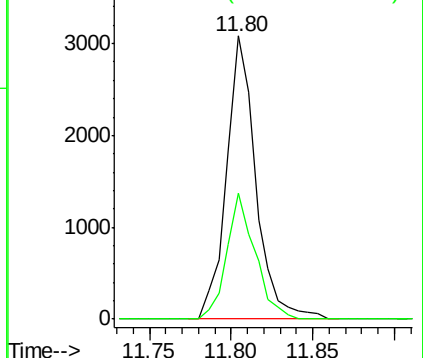
105 100

120 42.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.735 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011412.D

Acq: 09 Aug 2019 16:05

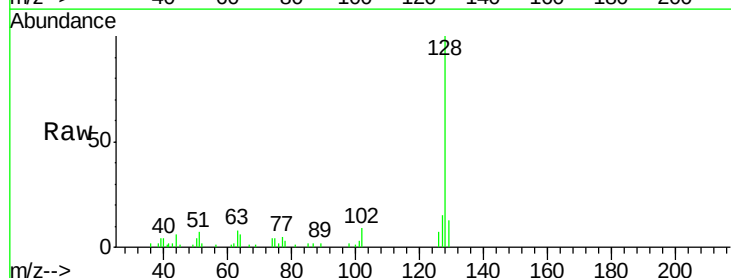
Tgt Ion:128 Resp: 6308

Ion Ratio Lower Upper

128 100

127 16.1 10.4 15.6#

129 11.5 8.9 13.3



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

