

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001499.D
 Acq On : 08 May 2018 06:52
 Operator : JC/MD
 Sample : J2738-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-TCLP-VAR4-0518

Quant Time: May 08 08:18:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

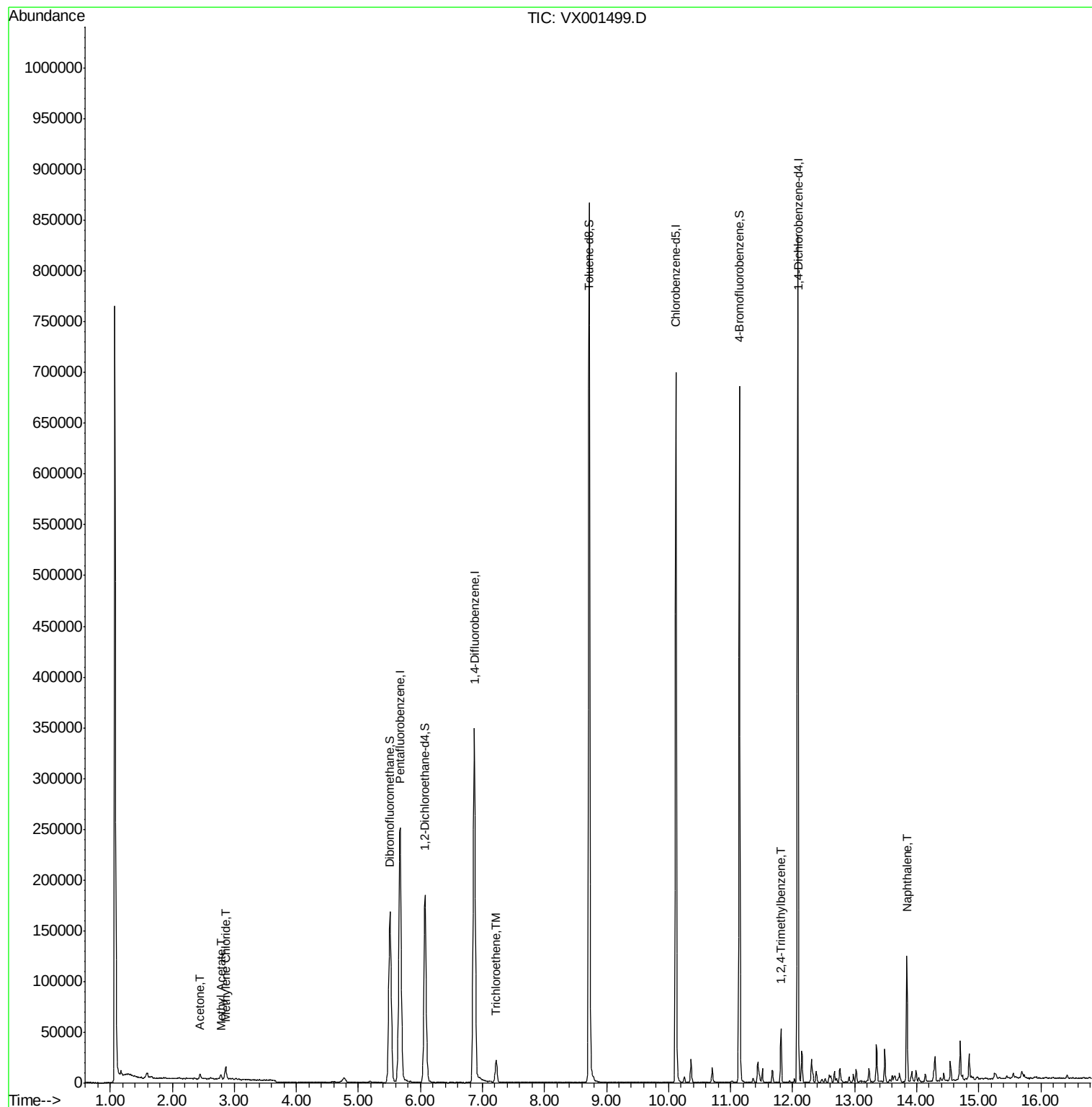
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176714	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
35) Dibromofluoromethane	5.51	113	135655	41.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.18%	
50) Toluene-d8	8.72	98	499371	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
62) 4-Bromofluorobenzene	11.14	95	164892	36.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.16%	
Target Compounds						
16) Acetone	2.45	43	5302	3.10	ug/l	96
18) Methyl Acetate	2.78	43	5356	1.19	ug/l	98
20) Methylene Chloride	2.86	84	5577	1.64	ug/l #	92
44) Trichloroethene	7.22	130	8730	2.10	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	22657	2.14	ug/l	99
95) Naphthalene	13.84	128	74962	5.66	ug/l	100

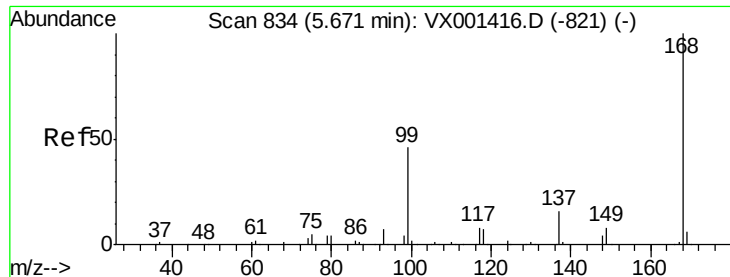
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001499.D

Acq: 08 May 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

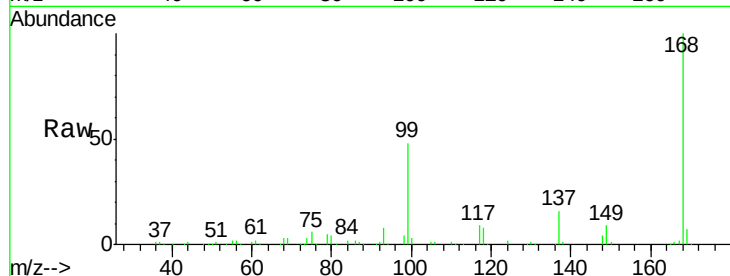
CB-TCLP-VAR4-0518

Tot Ion:168 Resp: 262429

Ion Ratio Lower Upper

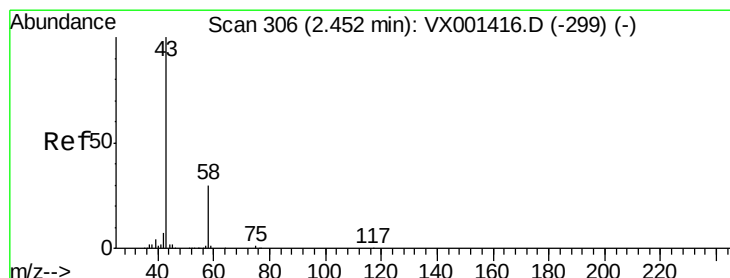
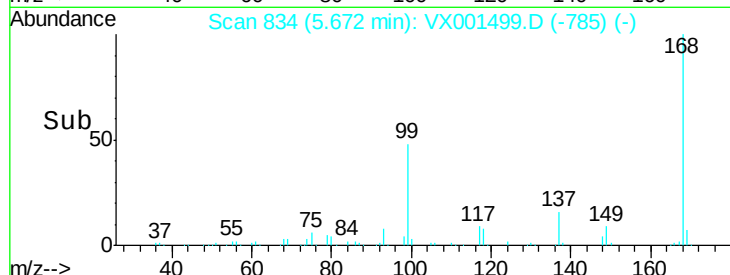
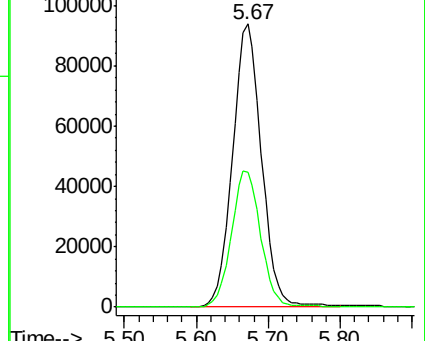
168 100

99 47.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.10 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001499.D

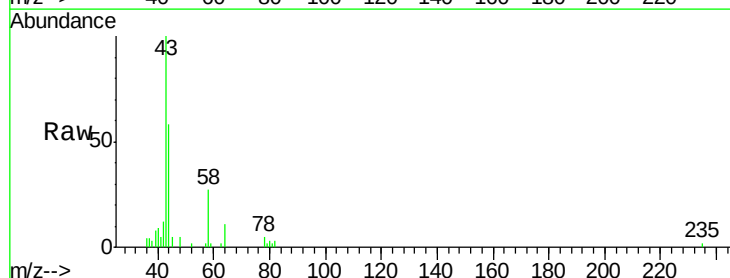
Acq: 08 May 2018 06:52

Tgt Ion: 43 Resp: 5302

Ion Ratio Lower Upper

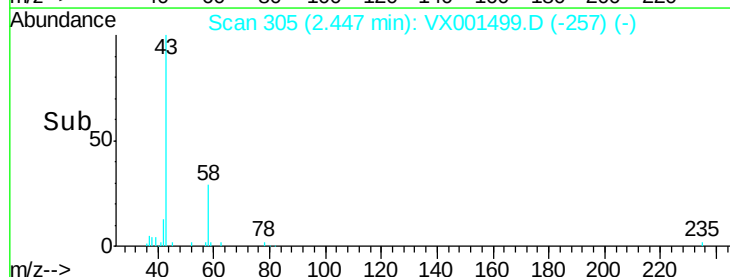
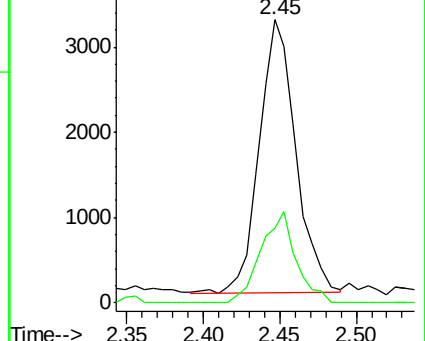
43 100

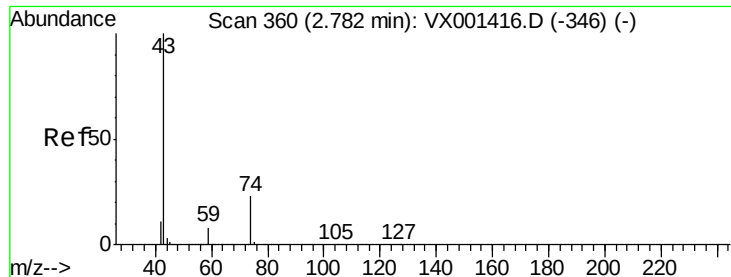
58 27.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

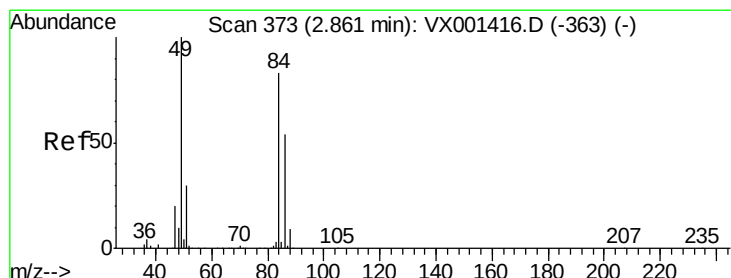
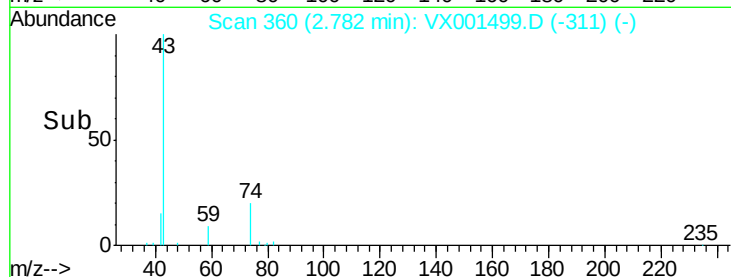
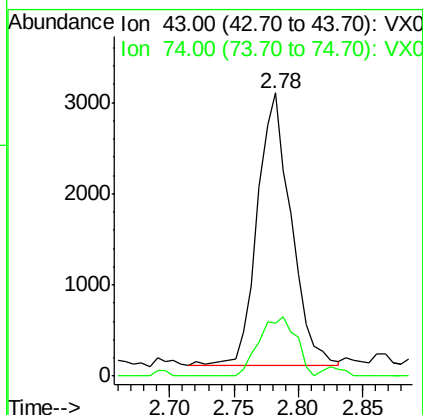
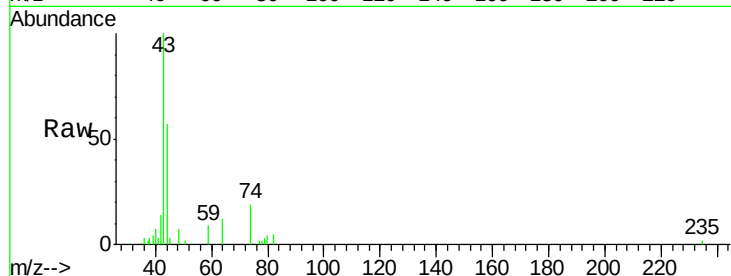




#18
Methvl Acetate
Concen: 1.19 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001499.D
Acq: 08 May 2018 06:52

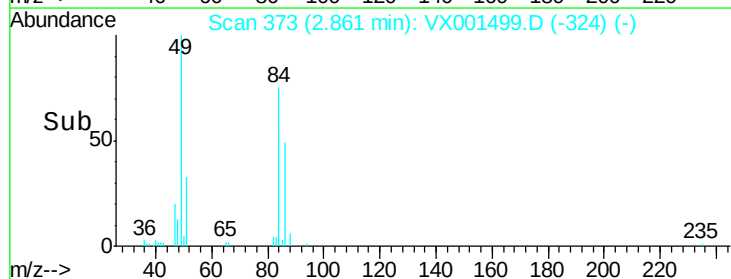
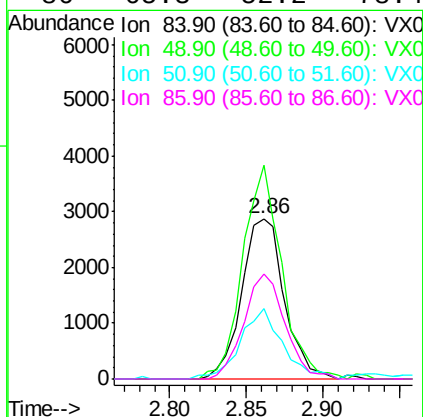
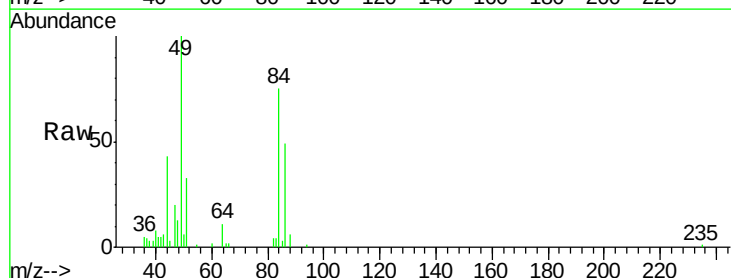
Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR4-0518

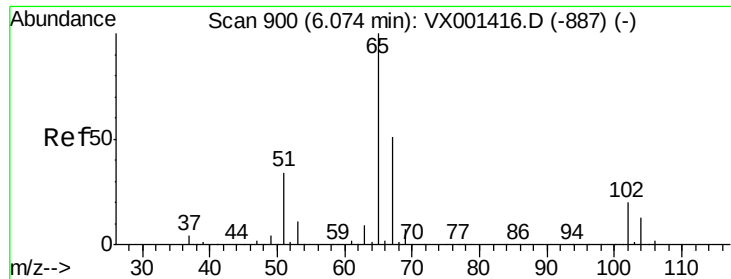
Tot Ion: 43 Resp: 5356
Ion Ratio Lower Upper
43 100
74 24.2 18.6 27.8



#20
Methylene Chloride
Concen: 1.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001499.D
Acq: 08 May 2018 06:52

Tgt Ion: 84 Resp: 5577
Ion Ratio Lower Upper
84 100
49 133.3 96.6 144.8
51 44.0 29.0 43.4#
86 65.3 52.2 78.4

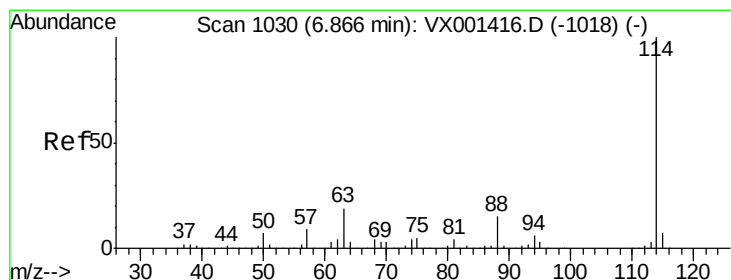
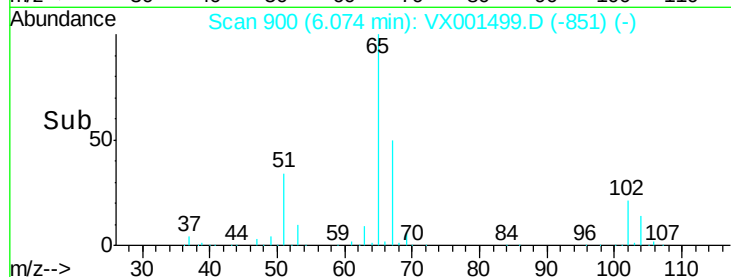
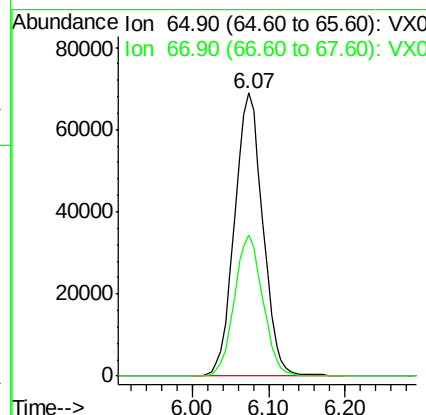
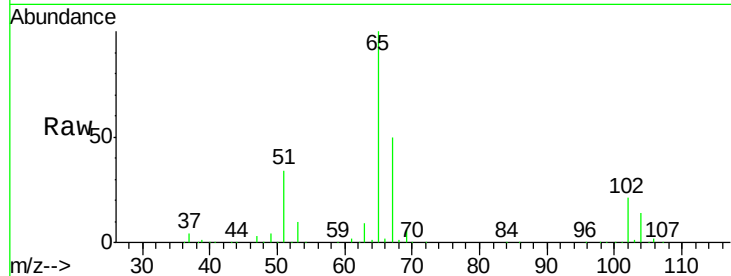




#33
 1,2-Dichloroethane-d4
 Concen: 46.85 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001499.D
 Acq: 08 May 2018 06:52

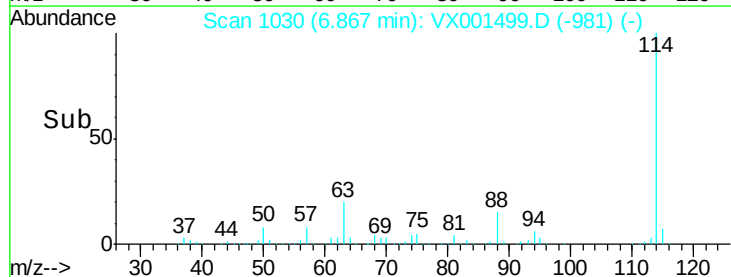
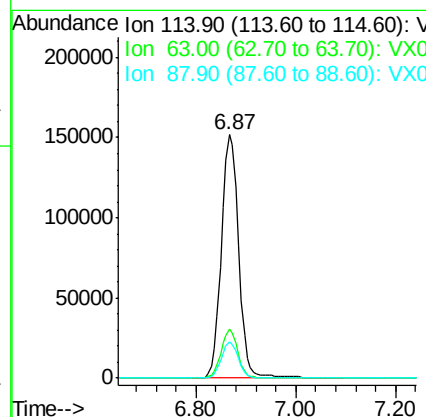
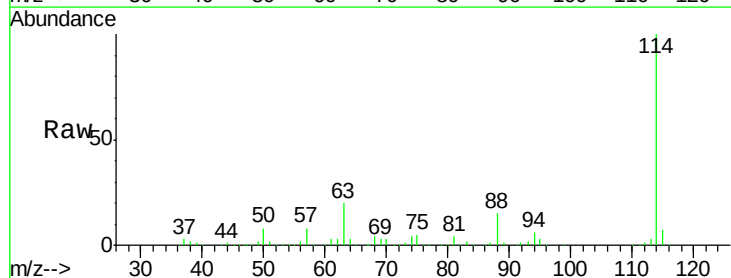
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-TCLP-VAR4-0518

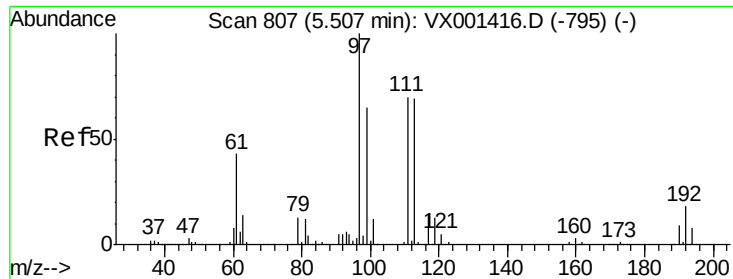
Tot Ion: 65 Resp: 176714
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001499.D
 Acq: 08 May 2018 06:52

Tgt Ion: 114 Resp: 366681
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 41.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001499.D

Acq: 08 May 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

CB-TCLP-VAR4-0518

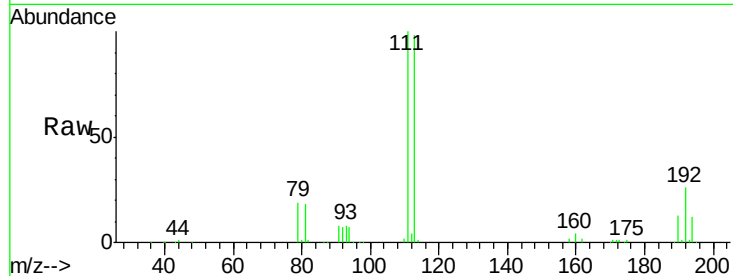
Tot Ion:113 Resp: 135655

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

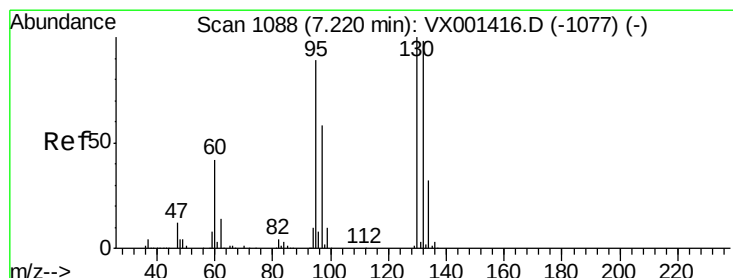
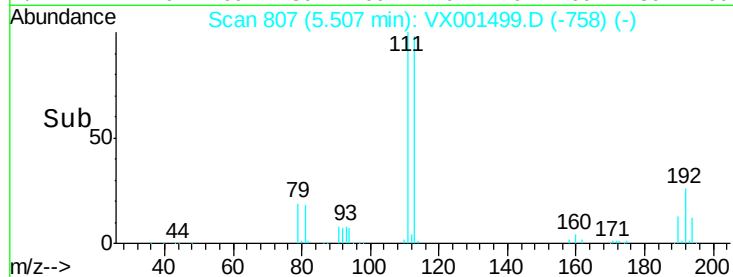
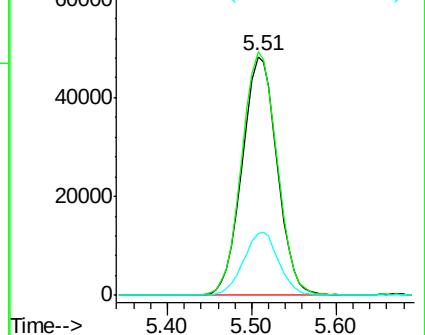
192 26.6 21.4 32.0



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



#44

Trichloroethene

Concen: 2.10 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001499.D

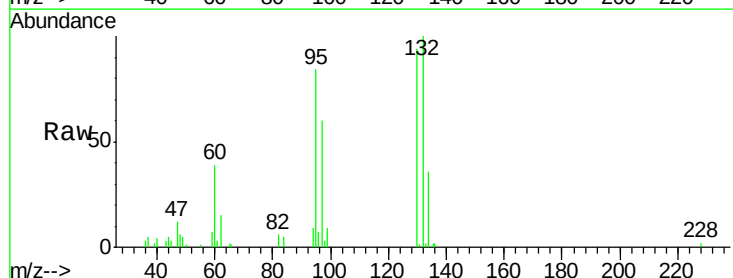
Acq: 08 May 2018 06:52

Tgt Ion:130 Resp: 8730

Ion Ratio Lower Upper

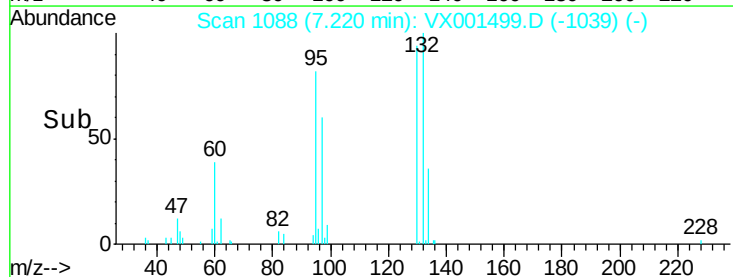
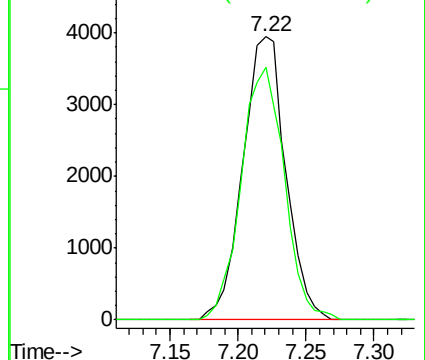
130 100

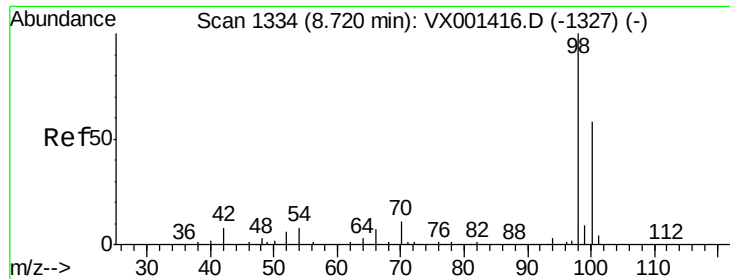
95 89.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 41.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001499.D

Acq: 08 May 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

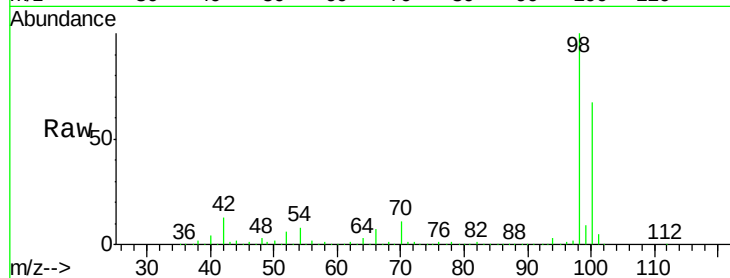
CB-TCLP-VAR4-0518

Tot Ion: 98 Resp: 499371

Ion Ratio Lower Upper

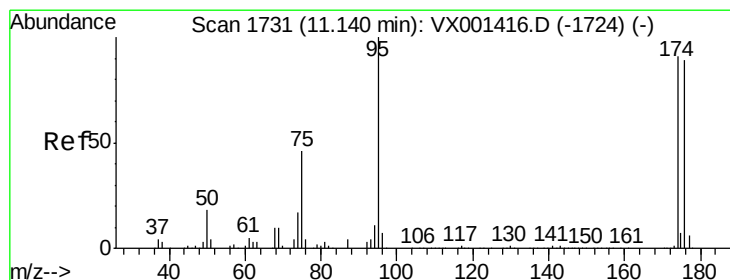
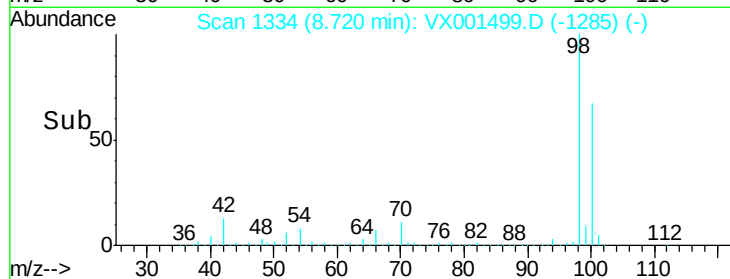
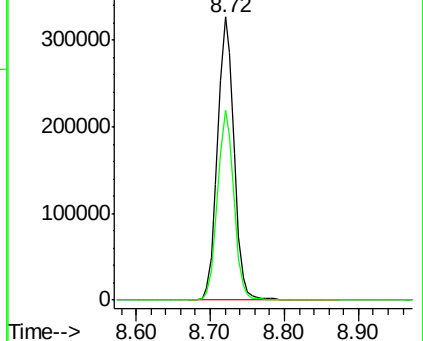
98 100

100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 36.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001499.D

Acq: 08 May 2018 06:52

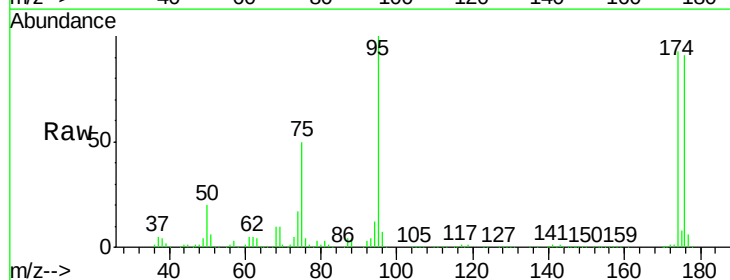
Tgt Ion: 95 Resp: 164892

Ion Ratio Lower Upper

95 100

174 100.4 0.0 202.0

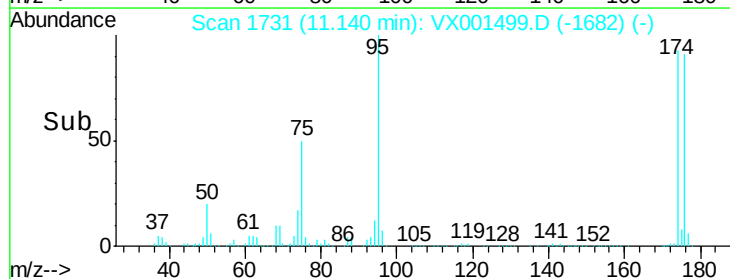
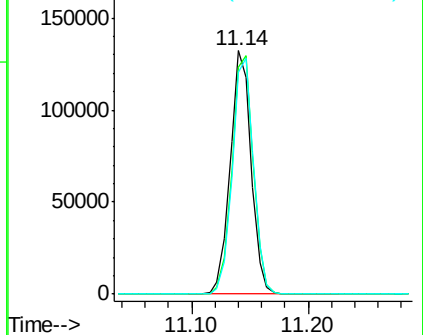
176 98.7 0.0 197.4

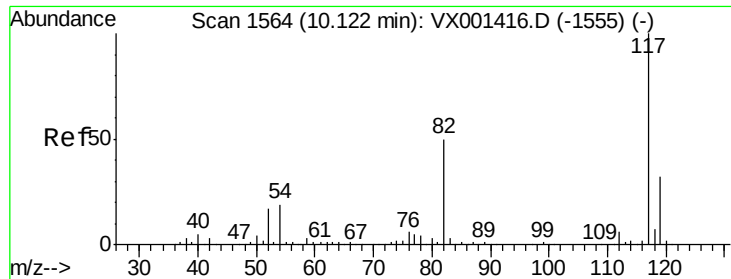


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

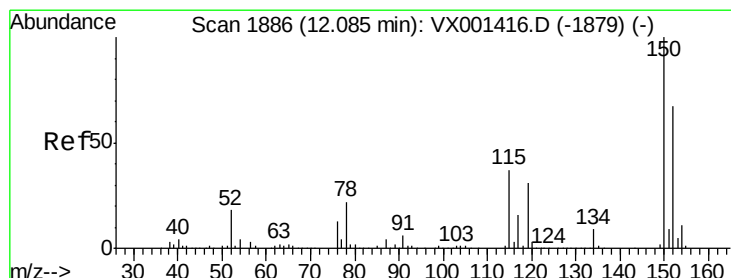
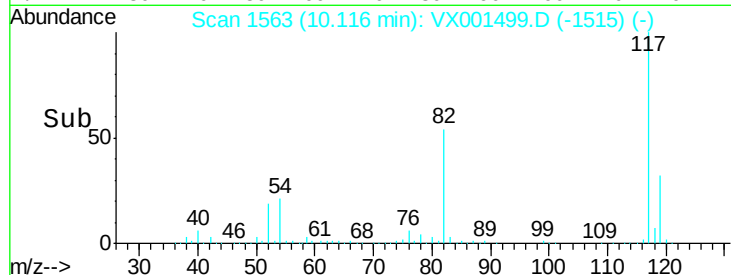
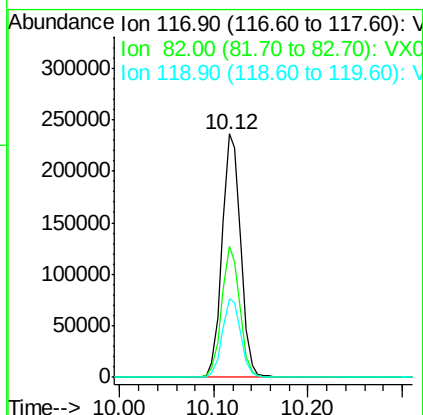
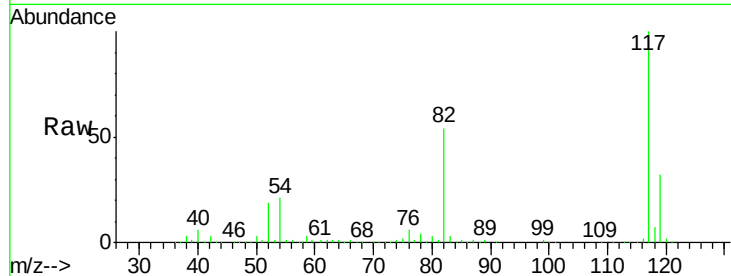




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001499.D
Acq: 08 May 2018 06:52

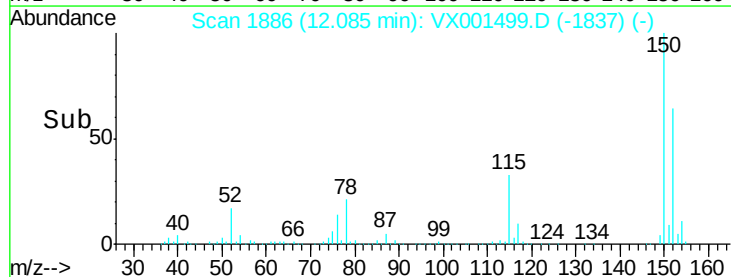
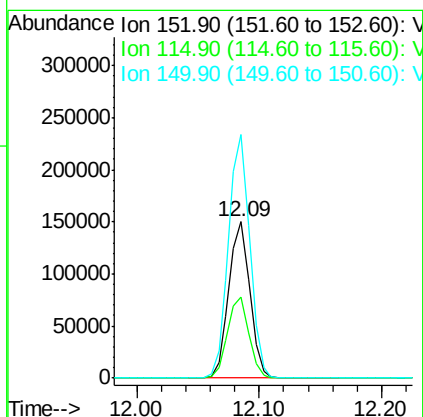
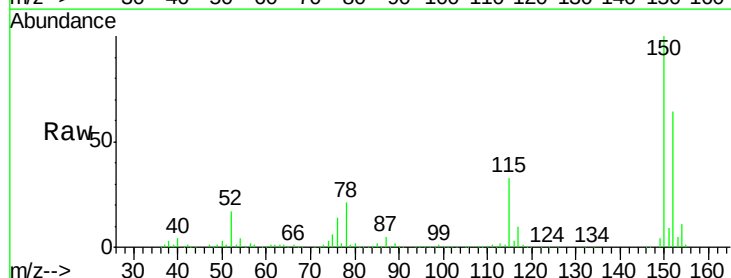
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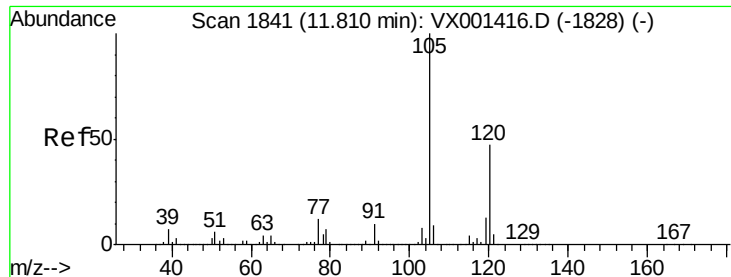
Tot Ion:117 Resp: 322170
Ion Ratio Lower Upper
117 100
82 54.1 40.0 60.0
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001499.D
Acq: 08 May 2018 06:52

Tgt Ion:152 Resp: 178698
Ion Ratio Lower Upper
152 100
115 52.7 37.7 113.1
150 157.2 0.0 349.4

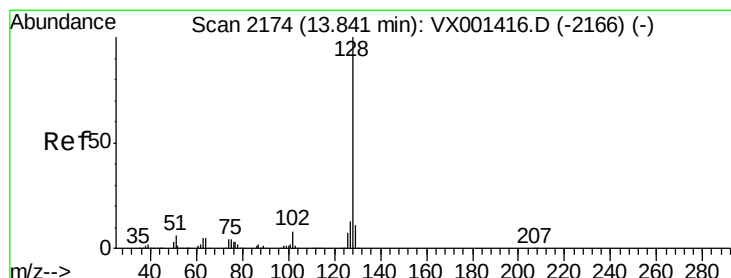
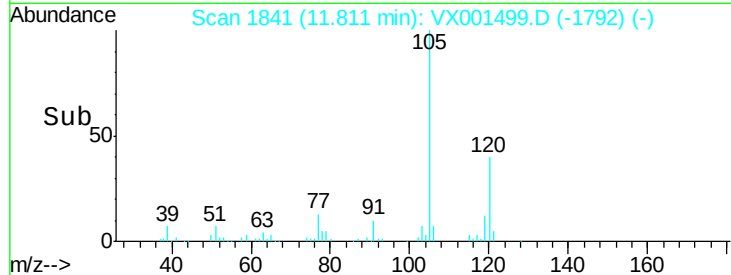
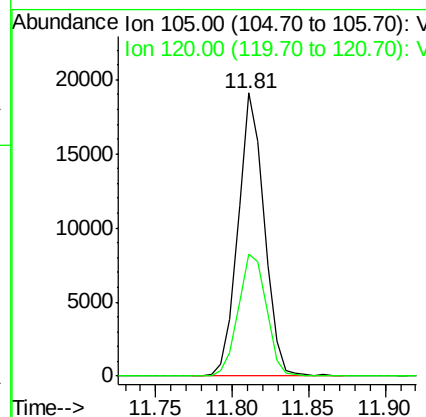
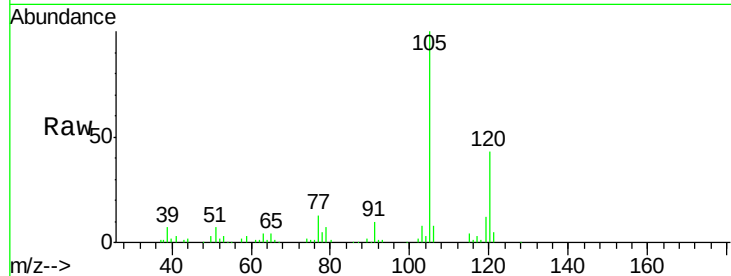




#84
 1,2,4-Trimethylbenzene
 Concen: 2.14 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001499.D
 Acq: 08 May 2018 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-TCLP-VAR4-0518

Tot Ion:105 Resp: 22657
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.2



#95
 Naphthalene
 Concen: 5.66 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001499.D
 Acq: 08 May 2018 06:52

Tgt Ion:128 Resp: 74962
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.1 8.7 13.1

