

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009620.D
 Acq On : 16 May 2019 20:15
 Operator : JC/SP
 Sample : K2637-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-051519-A

Quant Time: May 17 07:27:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

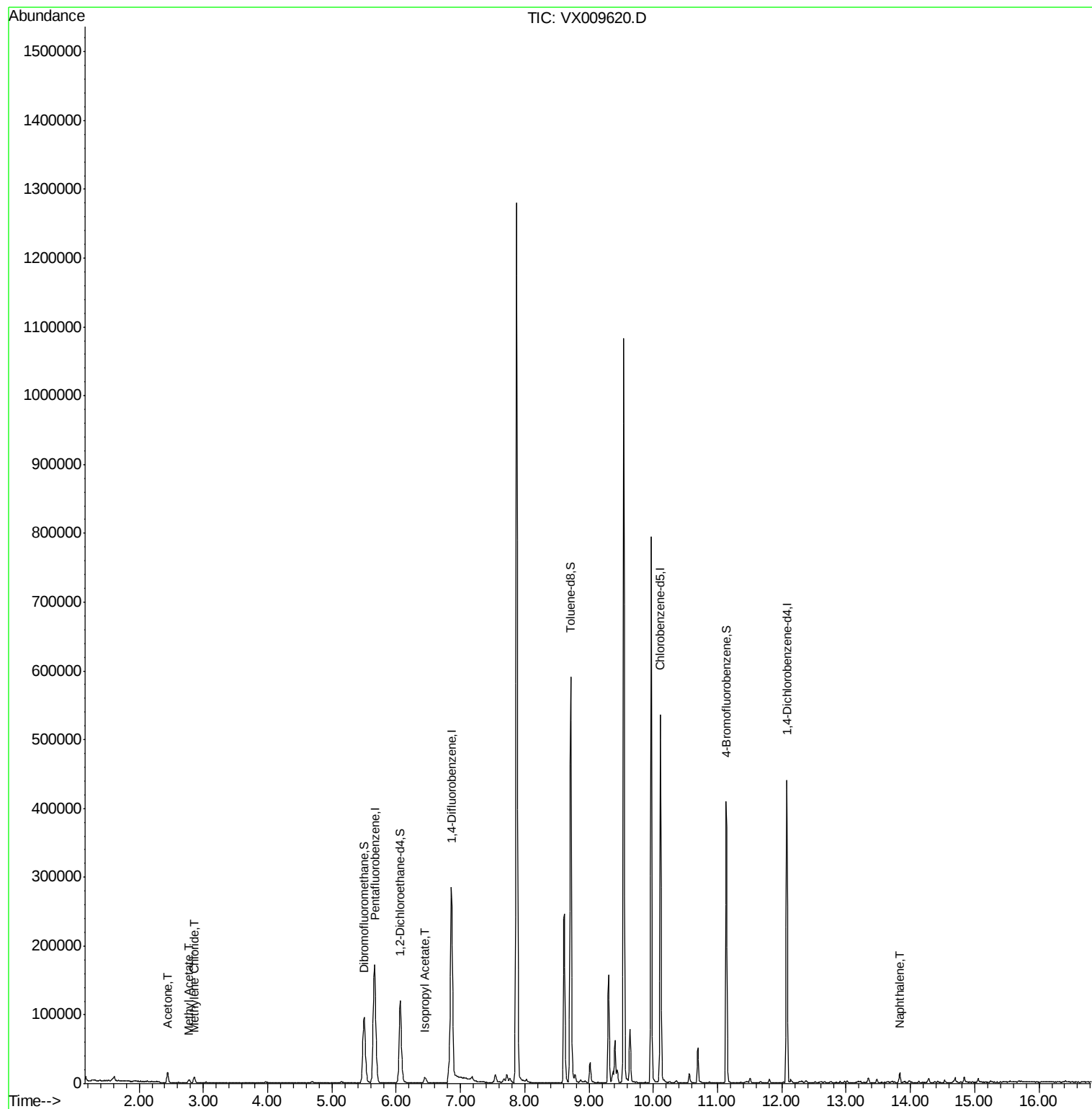
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112850	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	5.50	113	81807	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	341140	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	105807	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
16) Acetone	2.44	43	16109	13.067	ug/l	98
18) Methyl Acetate	2.78	43	6628	2.261	ug/l	100
20) Methylene Chloride	2.86	84	3435	1.721	ug/l	95
43) Isopropyl Acetate	6.45	43	11722	2.108	ug/l	96
95) Naphthalene	13.83	128	8219	1.246	ug/l	99

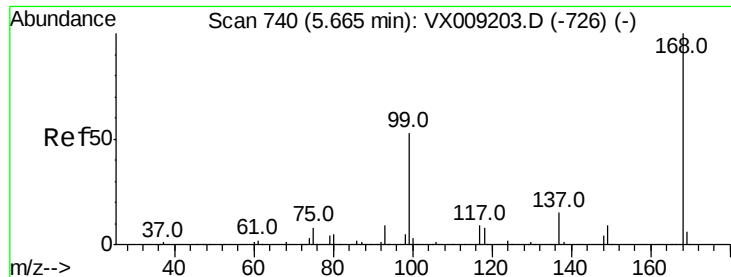
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009620.D

Acq: 16 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

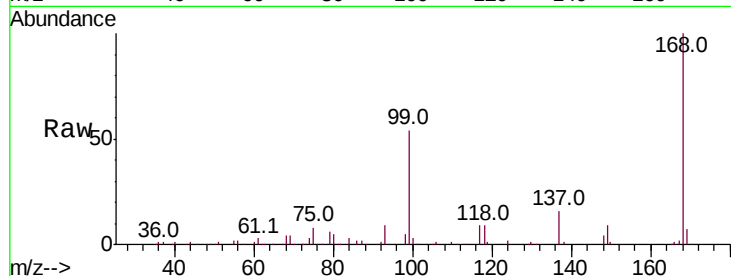
HR-06-051519-A

Tot Ion:168 Resp: 168178

Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

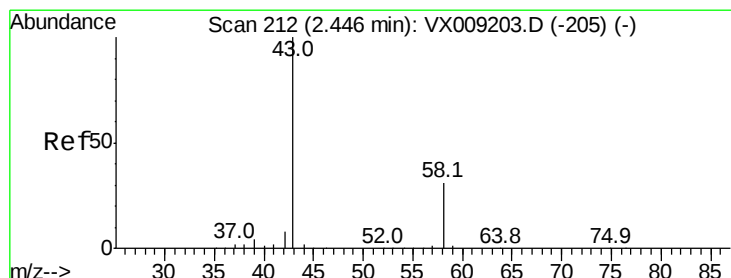
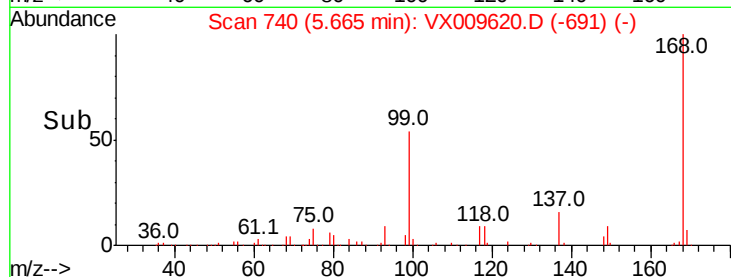
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.067 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009620.D

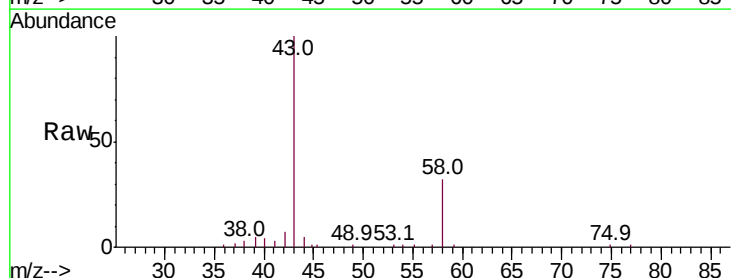
Acq: 16 May 2019 20:15

Tgt Ion: 43 Resp: 16109

Ion Ratio Lower Upper

43 100

58 32.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

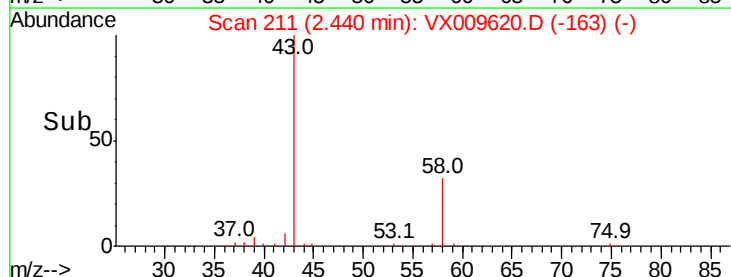
6000

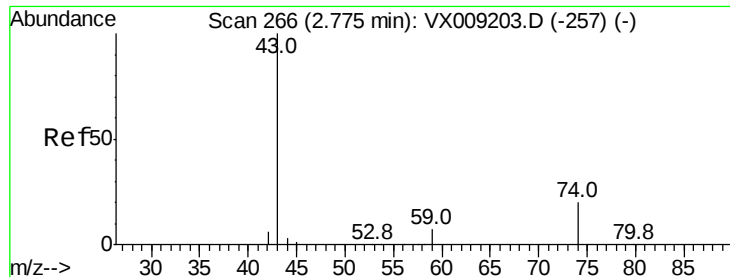
4000

2000

0

Time--> 2.40 2.45 2.50 2.55 2.60

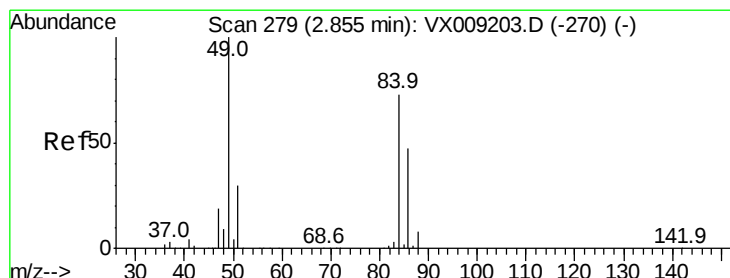
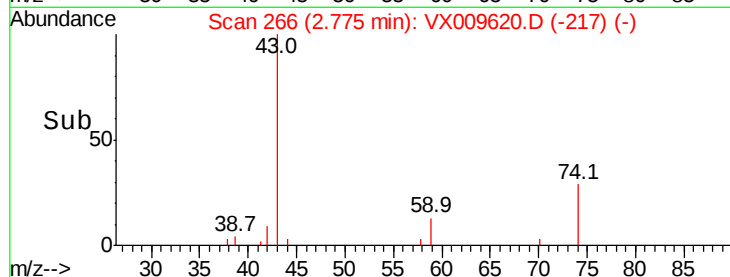
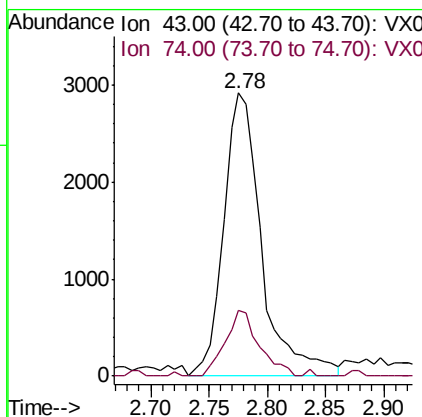
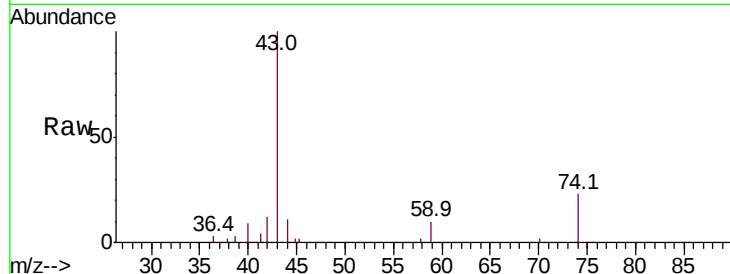




#18
Methvl Acetate
Concen: 2.261 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

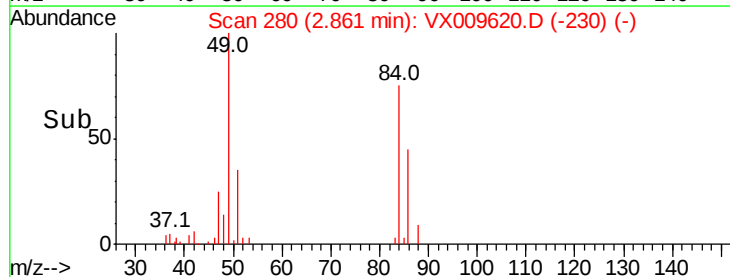
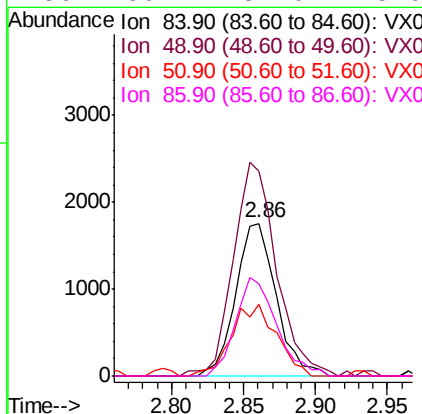
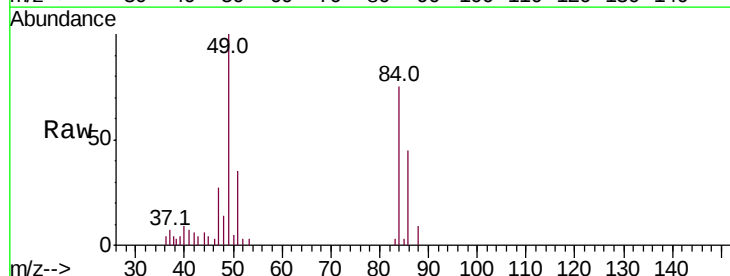
Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

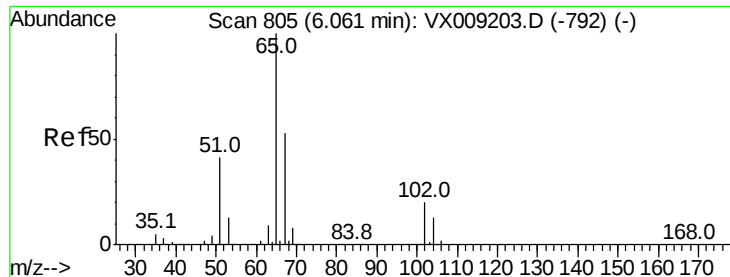
Tot Ion: 43 Resp: 6628
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4



#20
Methylene Chloride
Concen: 1.721 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 84 Resp: 3435
Ion Ratio Lower Upper
84 100
49 134.2 109.9 164.9
51 47.0 32.7 49.1
86 60.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 49.154 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009620.D

Acq: 16 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

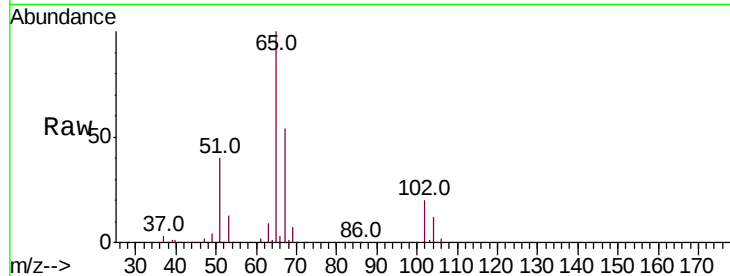
HR-06-051519-A

Tot Ion: 65 Resp: 112850

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6

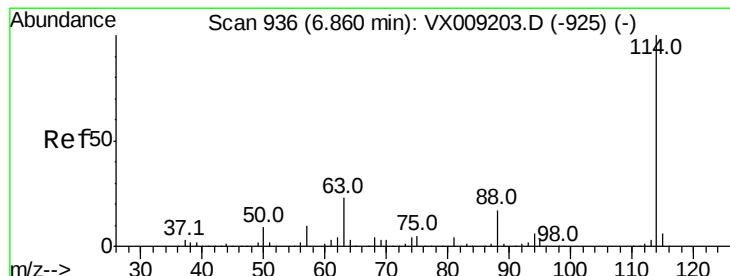
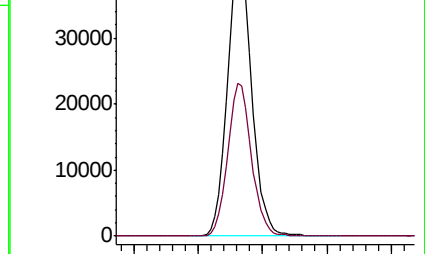
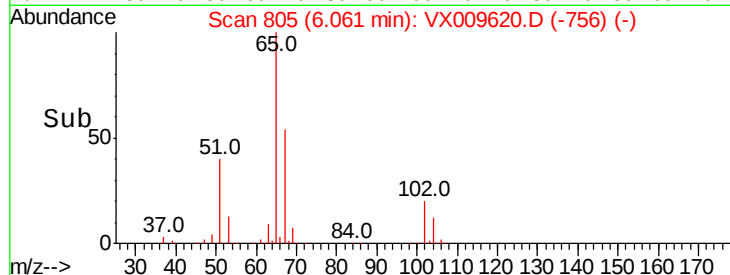


Abundance Ion 64.90 (64.60 to 65.60): VX009620.D (-792) (-)

Ion 66.90 (66.60 to 67.60): VX009620.D (-792) (-)

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009620.D

Acq: 16 May 2019 20:15

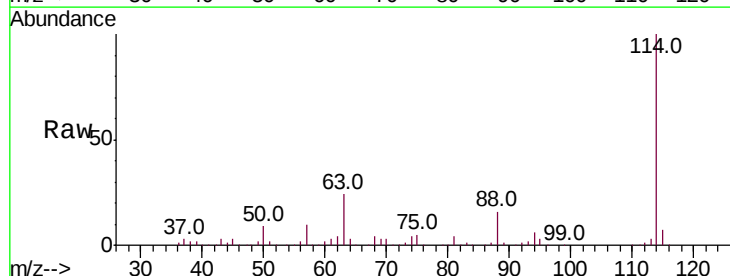
Tgt Ion: 114 Resp: 268451

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.6

88 16.1 0.0 33.2



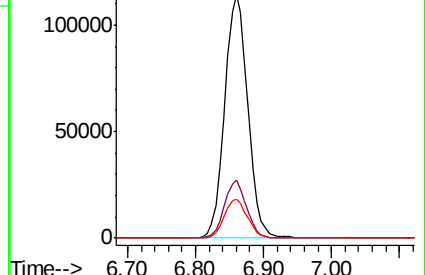
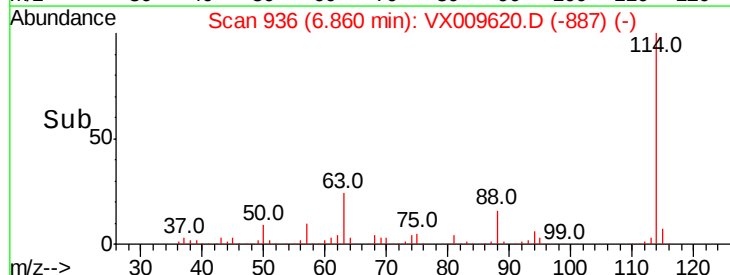
Abundance Ion 113.90 (113.60 to 114.60): VX009620.D (-887) (-)

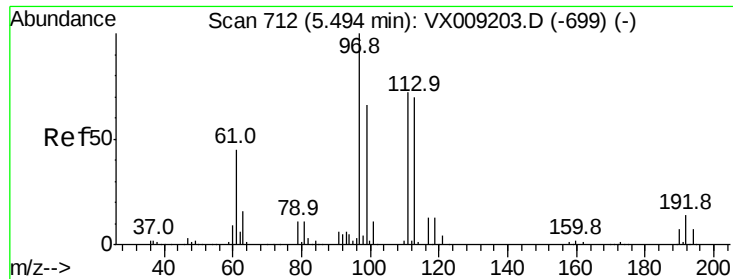
Ion 63.00 (62.70 to 63.70): VX009620.D (-887) (-)

Ion 87.90 (87.60 to 88.60): VX009620.D (-887) (-)

6.86

Time-->





#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009620.D

Acq: 16 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

HR-06-051519-A

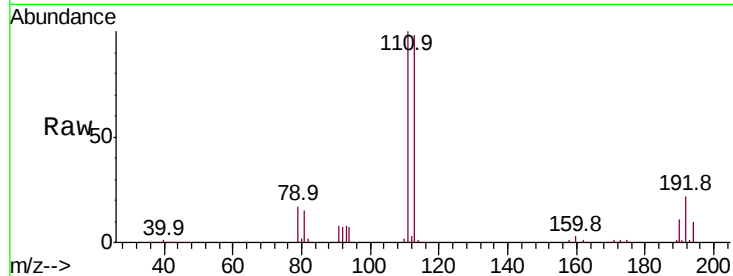
Tot Ion:113 Resp: 81807

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

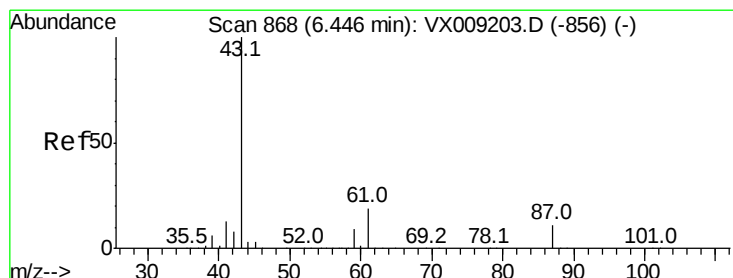
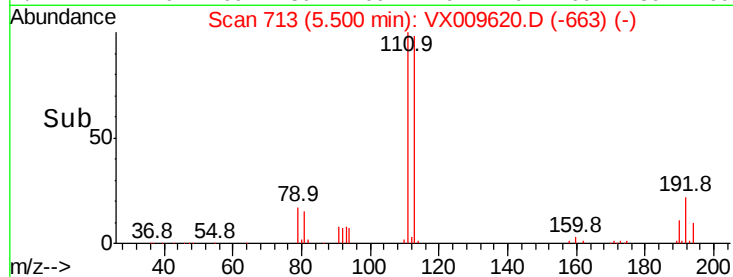
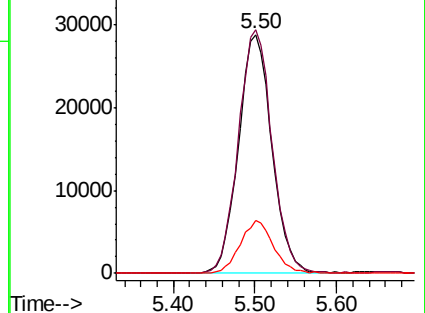
192 22.0 17.0 25.6



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



#43

Isopropyl Acetate

Concen: 2.108 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009620.D

Acq: 16 May 2019 20:15

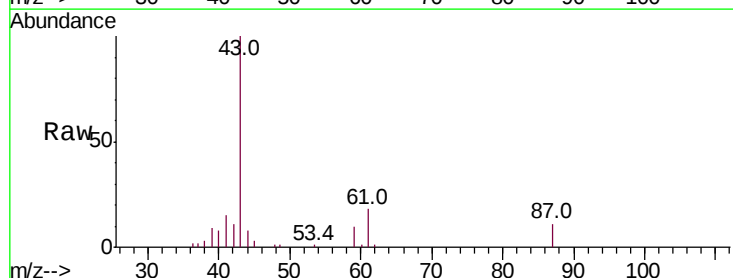
Tgt Ion: 43 Resp: 11722

Ion Ratio Lower Upper

43 100

61 21.2 15.1 22.7

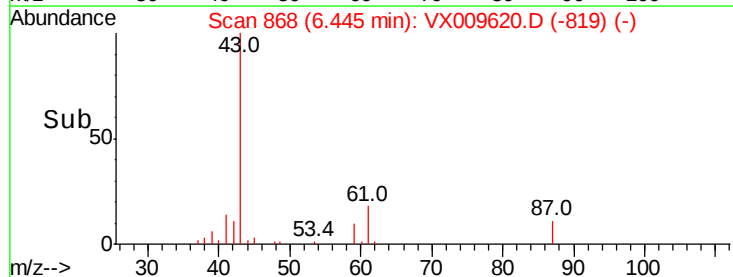
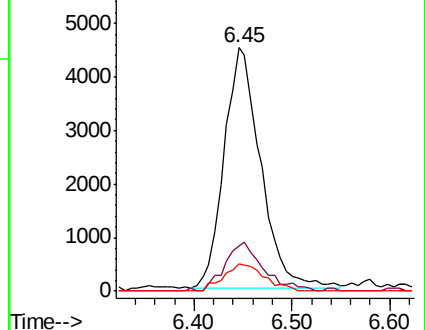
87 12.5 9.0 13.6

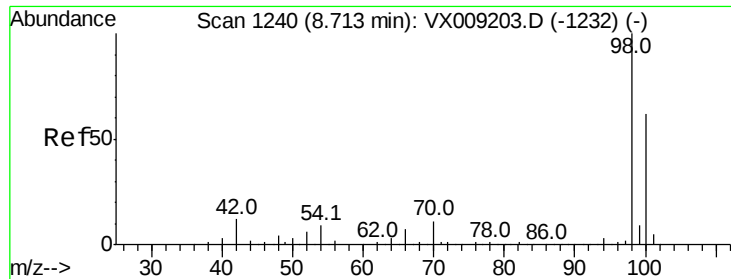


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

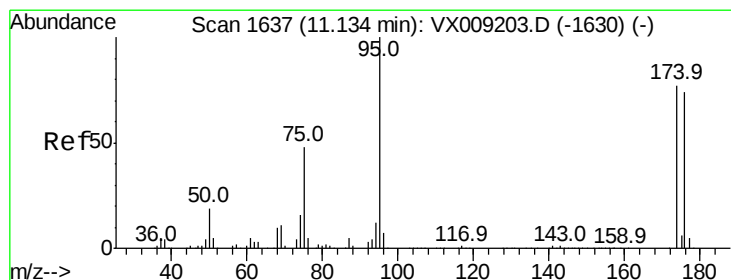
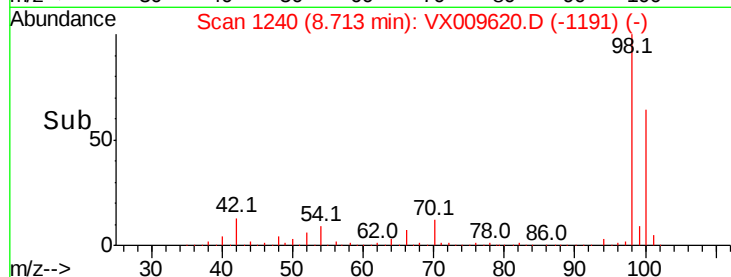
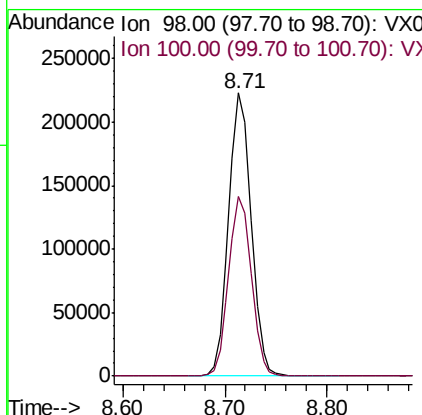
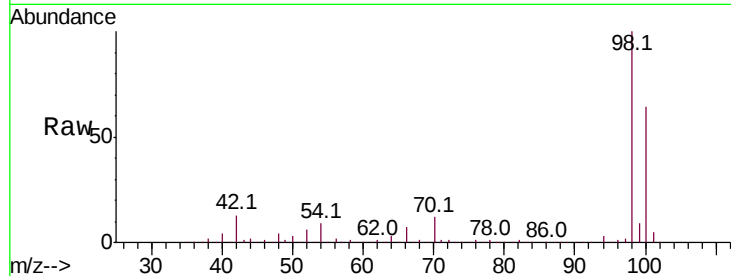




#50
Toluene-d8
Concen: 50.070 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

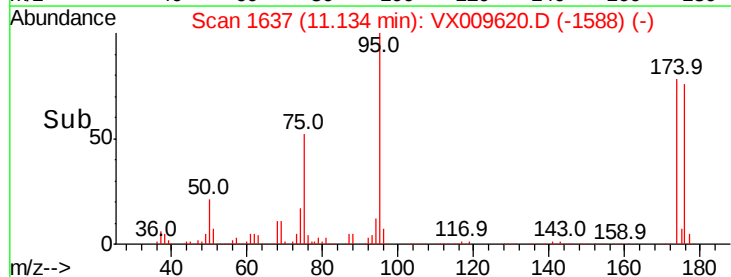
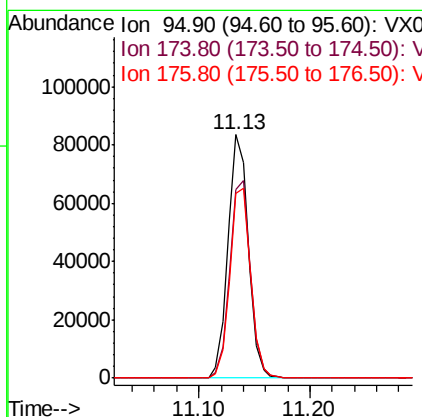
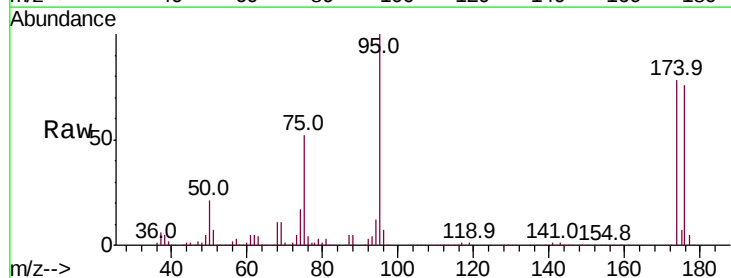
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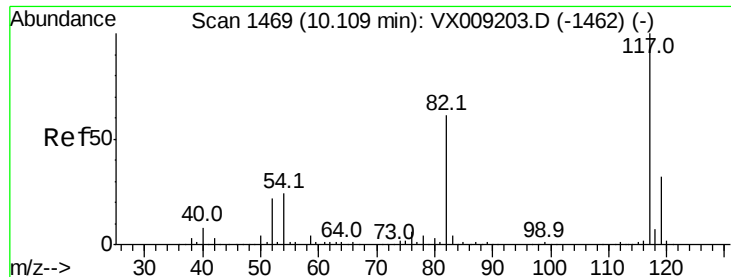
Tot Ion: 98 Resp: 341140
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.739 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 95 Resp: 105807
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.6
176 79.8 0.0 159.2

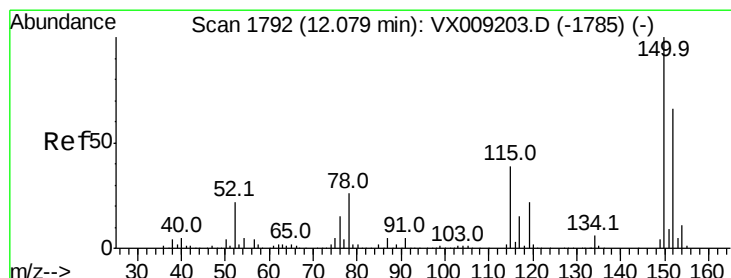
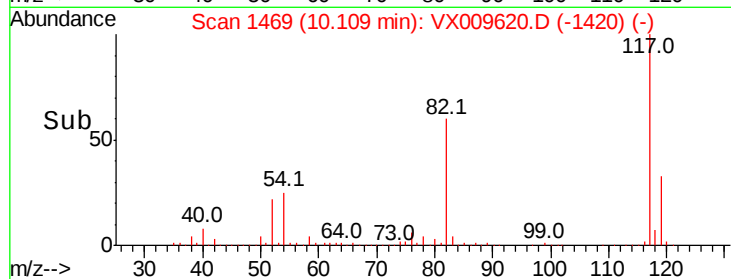
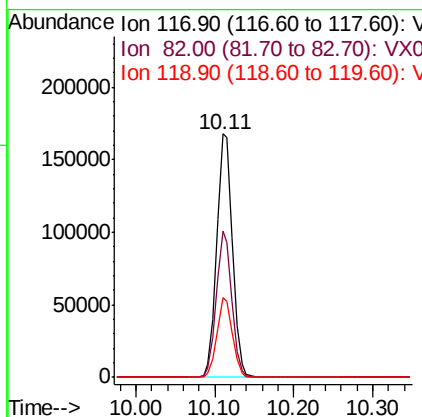
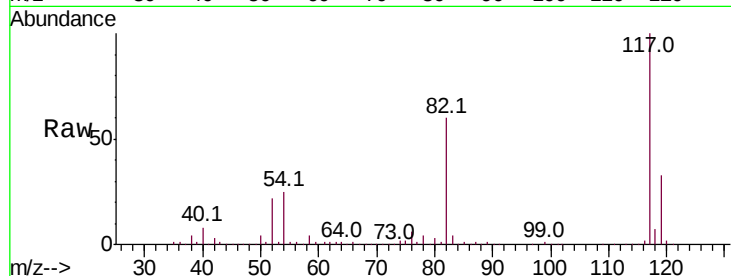




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009620.D
 Acq: 16 May 2019 20:15

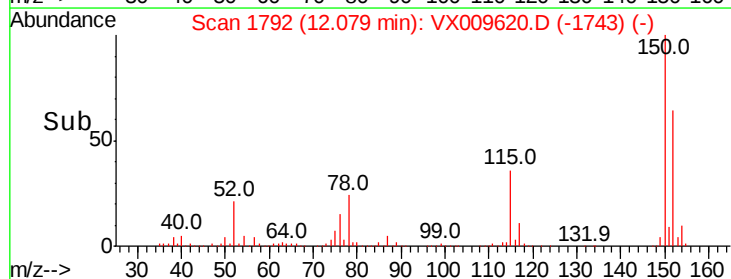
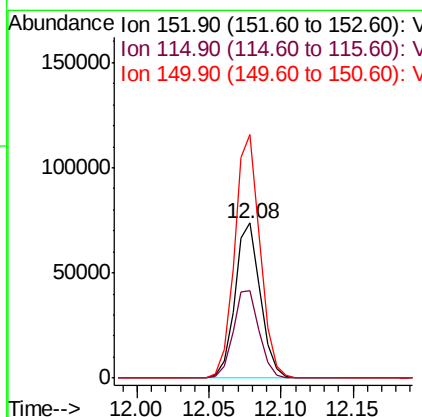
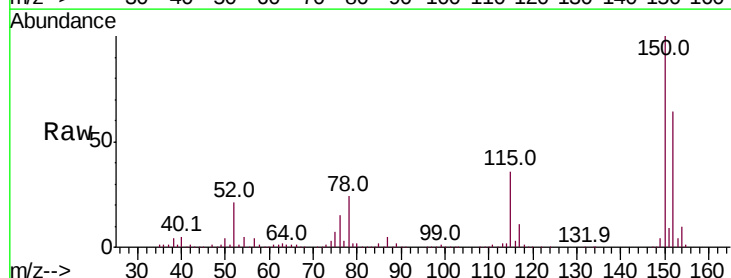
Instrument :
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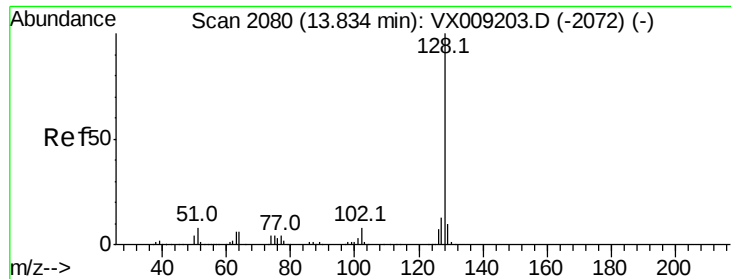
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	32.5	25.8	38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009620.D
 Acq: 16 May 2019 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.2	123.6
150	157.2	0.0	346.4





#95

Naphthalene

Concen: 1.246 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009620.D

Acq: 16 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

HR-06-051519-A

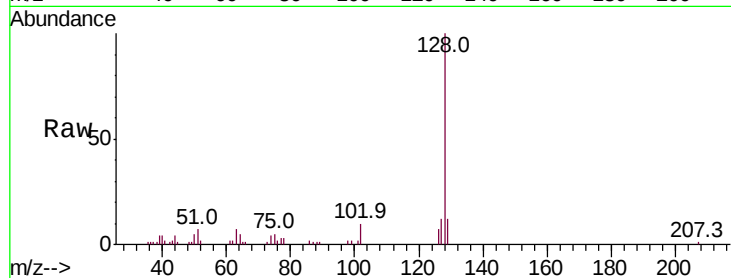
Tot Ion:128 Resp: 8219

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.3 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

