

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018425.D
 Acq On : 15 Sep 2020 22:11
 Operator : JC/SP
 Sample : L4013-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B40-091420-0-1

Quant Time: Sep 16 04:40:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

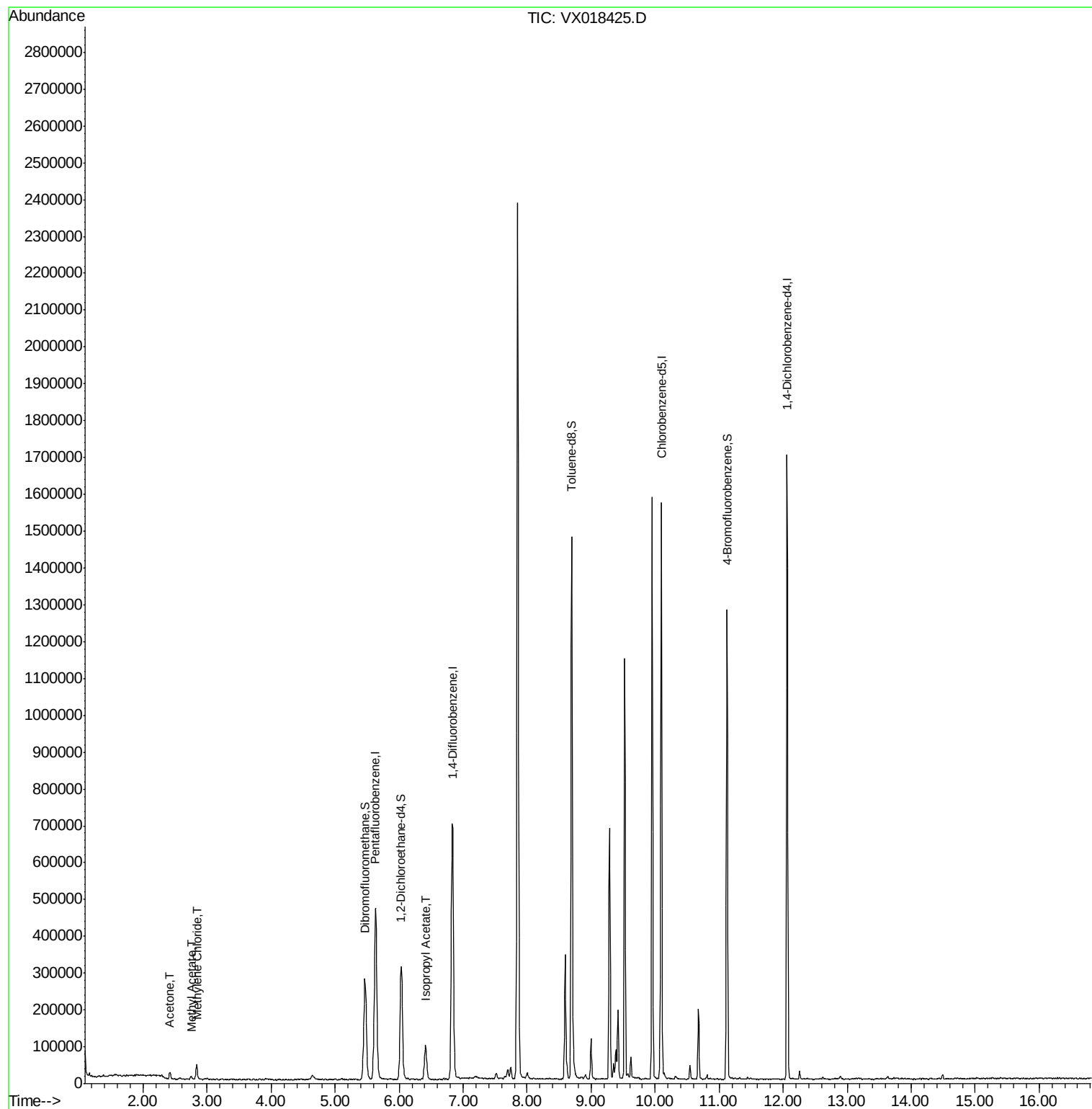
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	424247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	691346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	683196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	324989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	313230	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
35) Dibromofluoromethane	5.46	113	241701	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	8.70	98	865657	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.12	95	321755	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
16) Acetone	2.42	43	18468	8.047	ug/l #	88
18) Methyl Acetate	2.75	43	7798	1.408	ug/l #	78
20) Methylene Chloride	2.83	84	19263	3.007	ug/l	85
43) Isopropyl Acetate	6.41	43	130431	10.904	ug/l	100

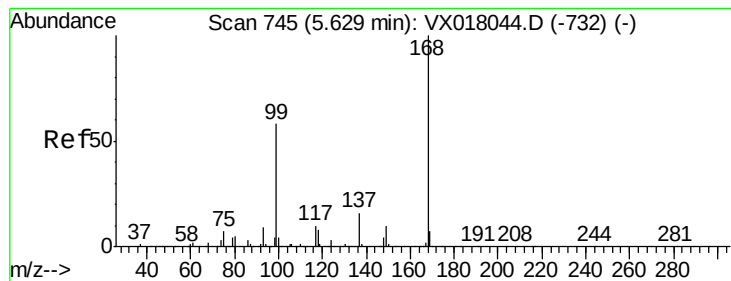
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018425.D

Acq: 15 Sep 2020 22:11

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MSVOA_X

ClientSampleId :

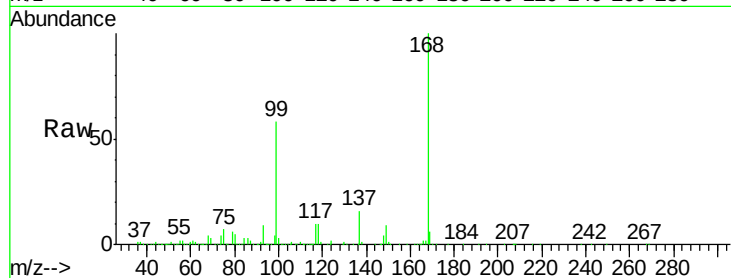
PAV-B40-091420-0-1

Tot Ion:168 Resp: 424247

Ion Ratio Lower Upper

168 100

99 57.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

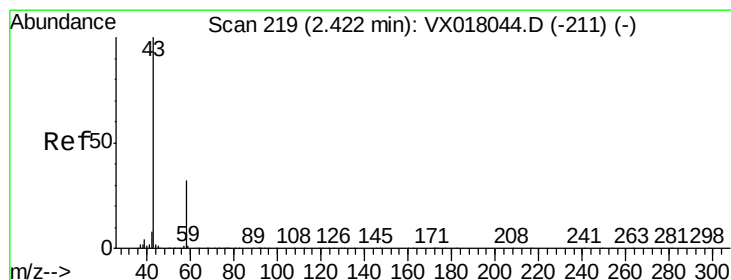
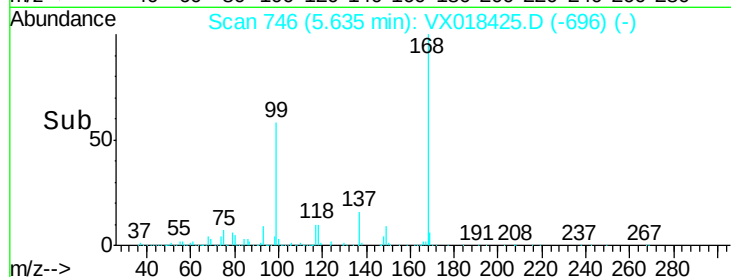
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 8.047 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018425.D

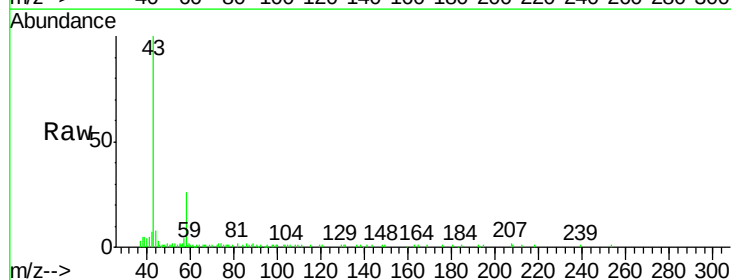
Acq: 15 Sep 2020 22:11

Tgt Ion: 43 Resp: 18468

Ion Ratio Lower Upper

43 100

58 25.1 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

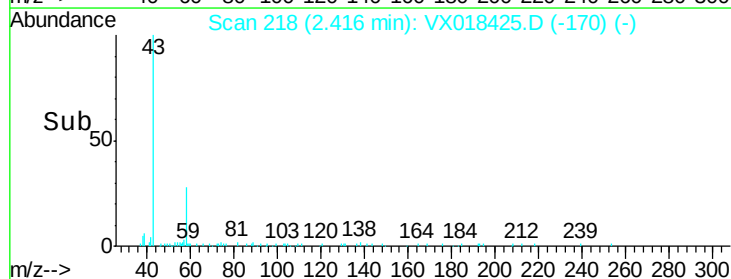
10000

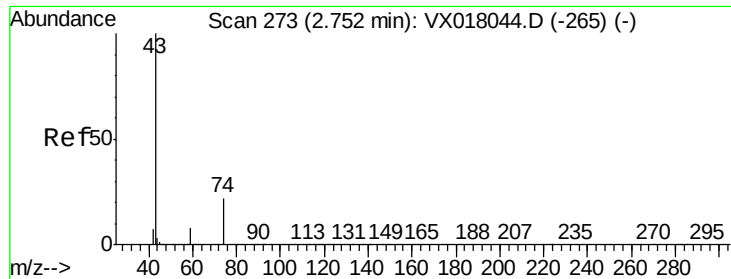
5000

0

Time-->

2.35 2.40 2.45 2.50

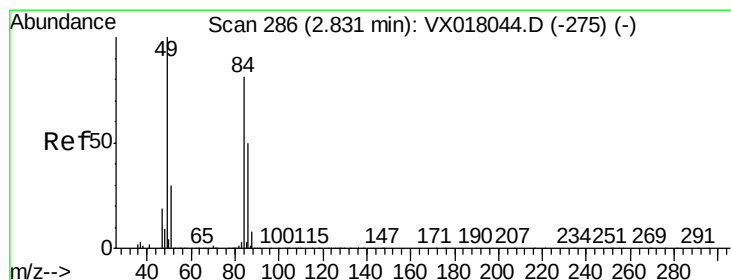
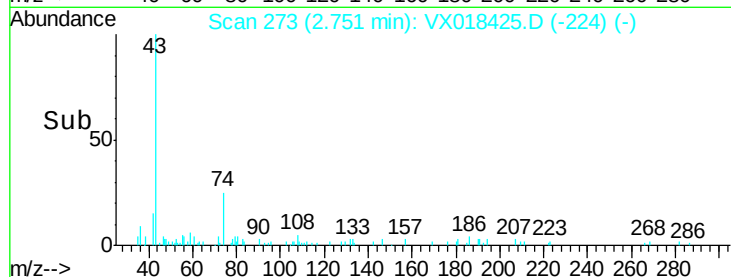
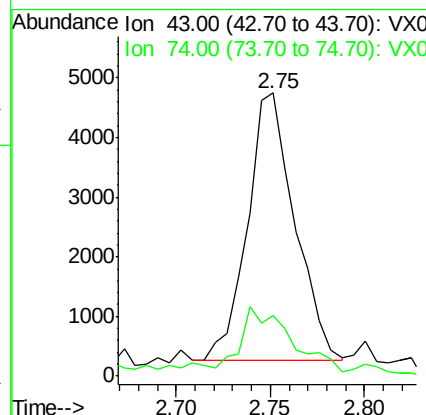
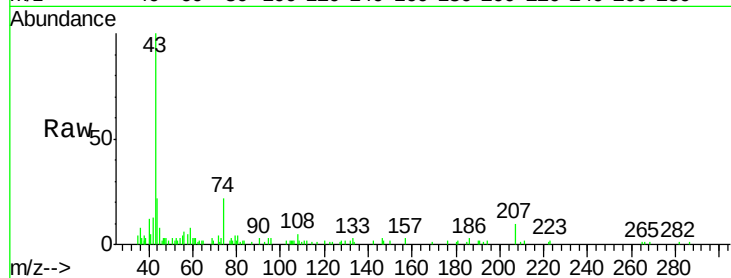




#18
Methyl Acetate
Concen: 1.408 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018425.D
Acq: 15 Sep 2020 22:11

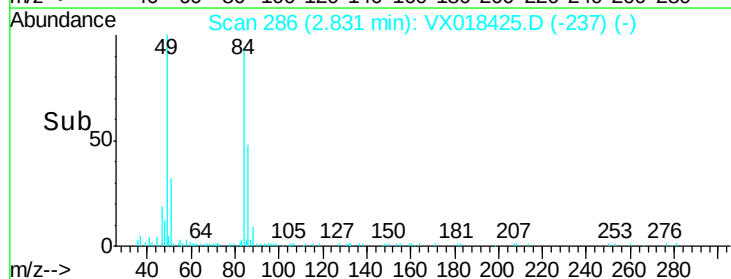
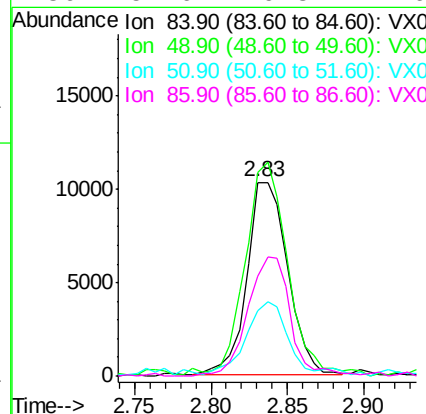
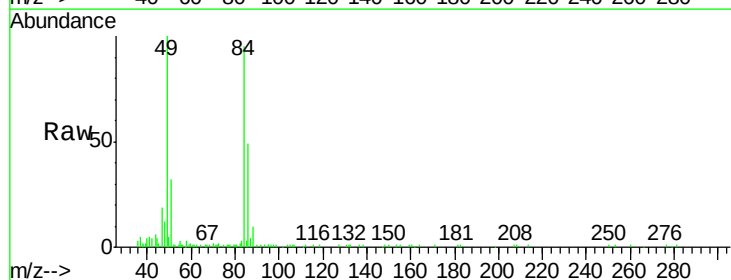
Instrument :
MSVOA_X
ClientSampleId :
PAV-B40-091420-0-1

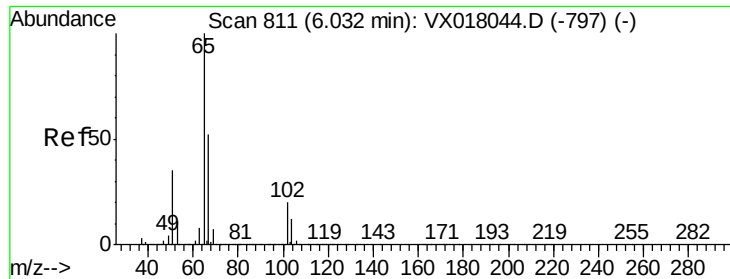
Tot Ion: 43 Resp: 7798
Ion Ratio Lower Upper
43 100
74 33.5 18.2 27.4#



#20
Methylene Chloride
Concen: 3.007 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018425.D
Acq: 15 Sep 2020 22:11

Tgt Ion: 84 Resp: 19263
Ion Ratio Lower Upper
84 100
49 102.9 98.6 148.0
51 31.9 29.6 44.4
86 51.6 49.8 74.6

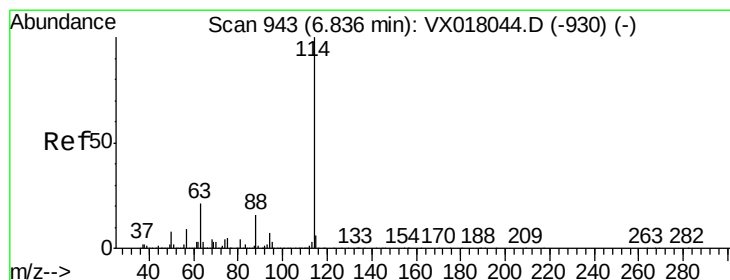
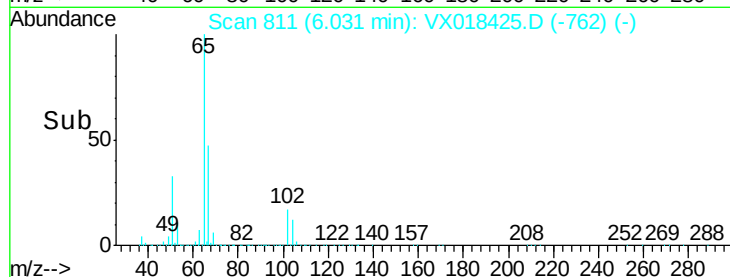
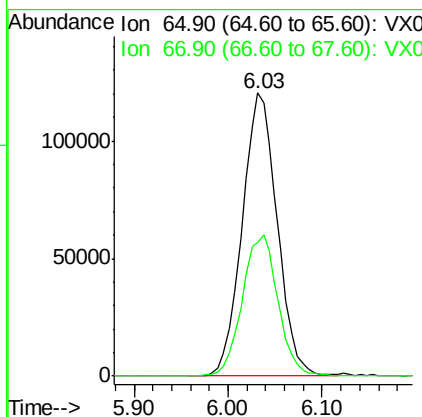
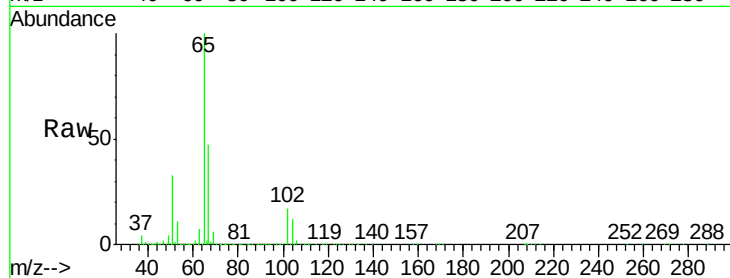




#33
 1,2-Dichloroethane-d4
 Concen: 53.183 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018425.D
 Acq: 15 Sep 2020 22:11

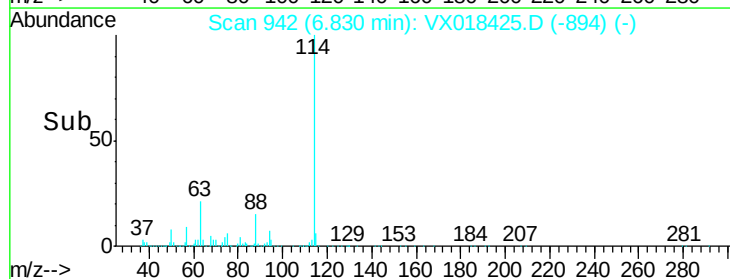
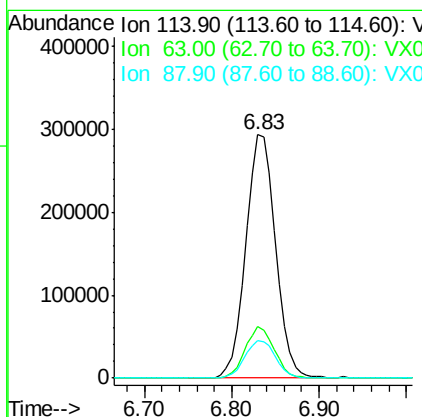
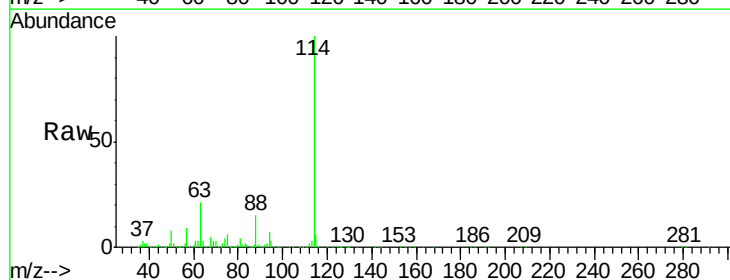
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B40-091420-0-1

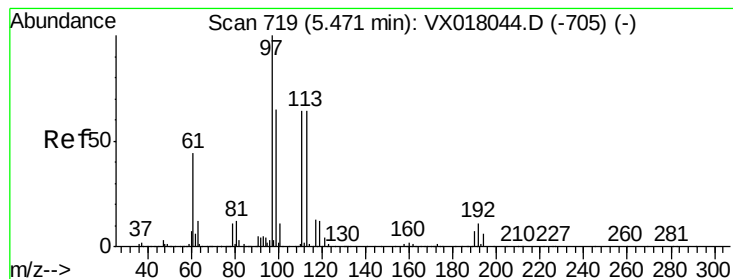
Tot Ion: 65 Resp: 313230
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018425.D
 Acq: 15 Sep 2020 22:11

Tgt Ion: 114 Resp: 691346
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.334 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018425.D

Acq: 15 Sep 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

PAV-B40-091420-0-1

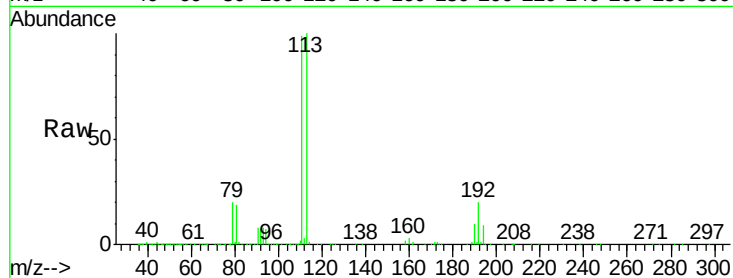
Tot Ion:113 Resp: 241701

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

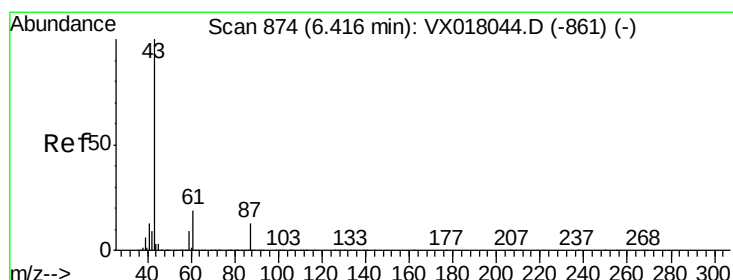
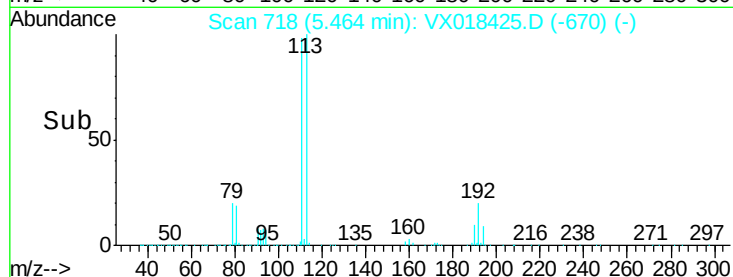
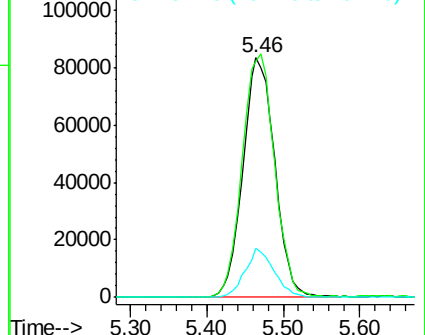
192 18.6 15.8 23.8



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



#43

Isopropyl Acetate

Concen: 10.904 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018425.D

Acq: 15 Sep 2020 22:11

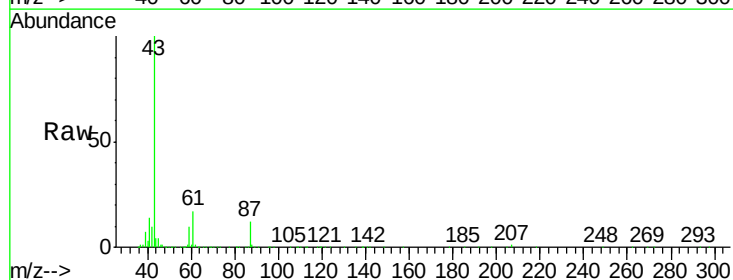
Tgt Ion: 43 Resp: 130431

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

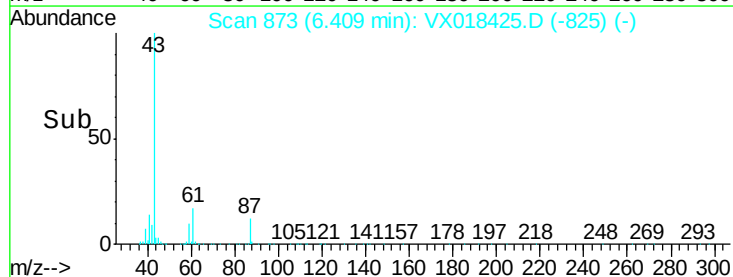
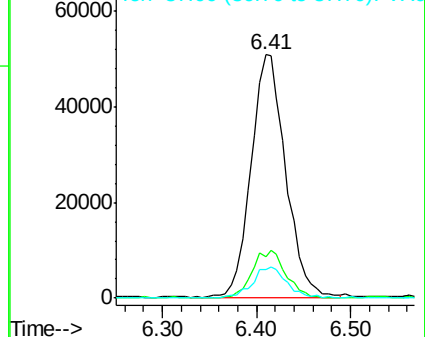
87 13.0 10.3 15.5

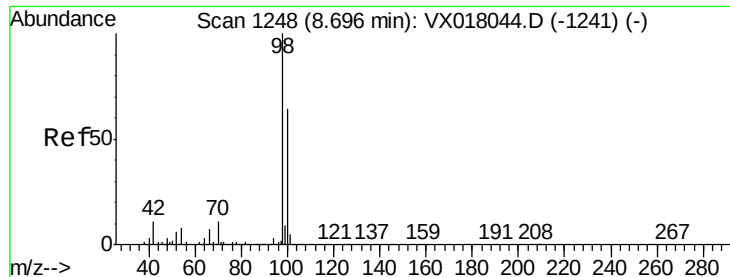


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.363 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018425.D

Acq: 15 Sep 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

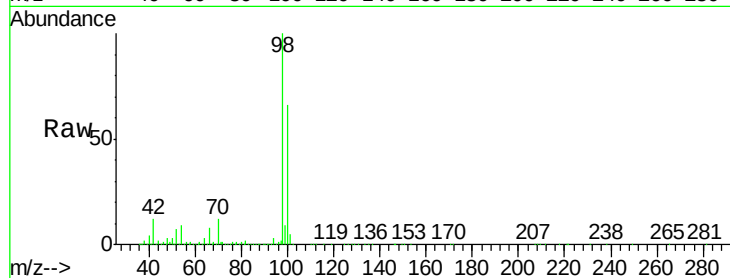
PAV-B40-091420-0-1

Tot Ion: 98 Resp: 865657

Ion Ratio Lower Upper

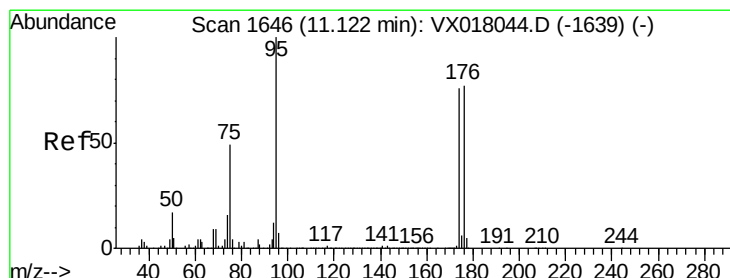
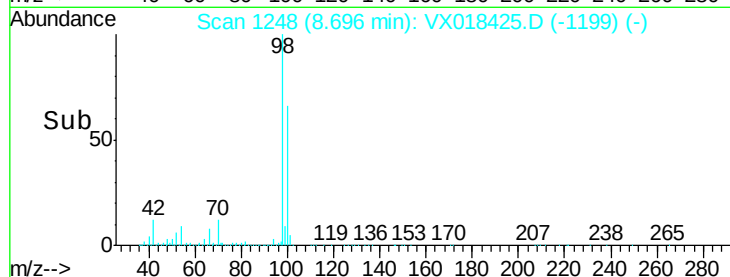
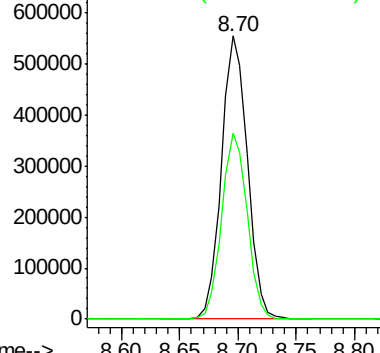
98 100

100 64.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.634 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018425.D

Acq: 15 Sep 2020 22:11

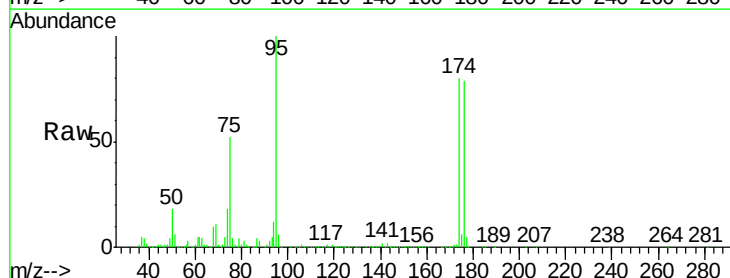
Tgt Ion: 95 Resp: 321755

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.2

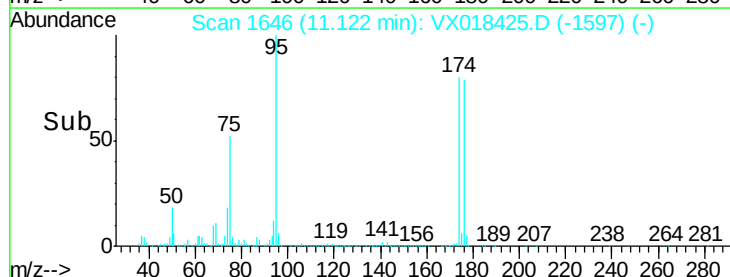
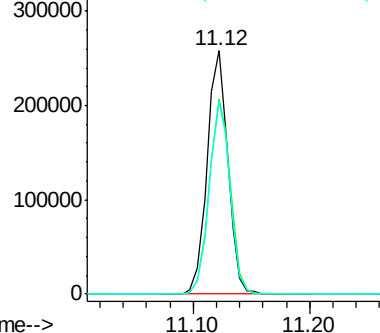
176 78.8 0.0 155.8

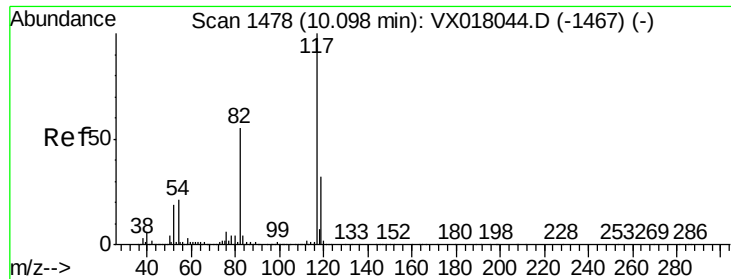


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

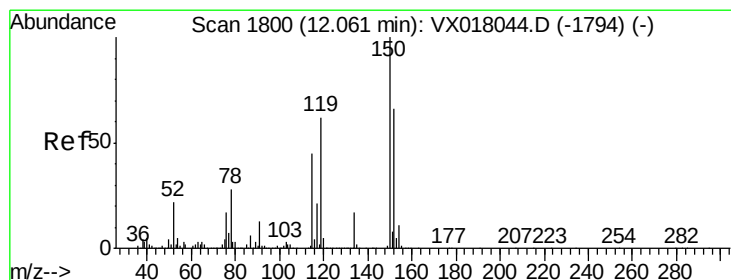
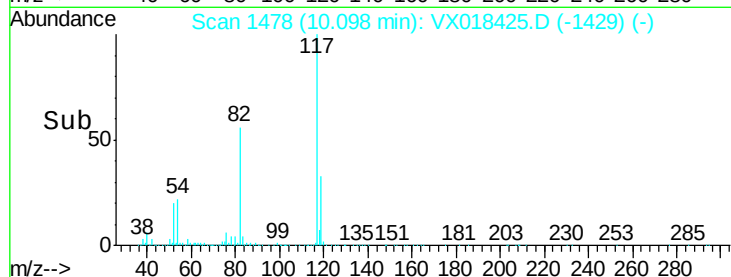
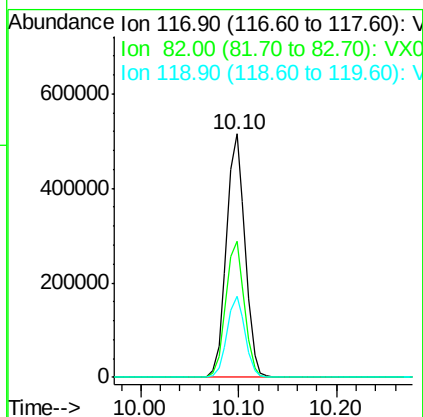
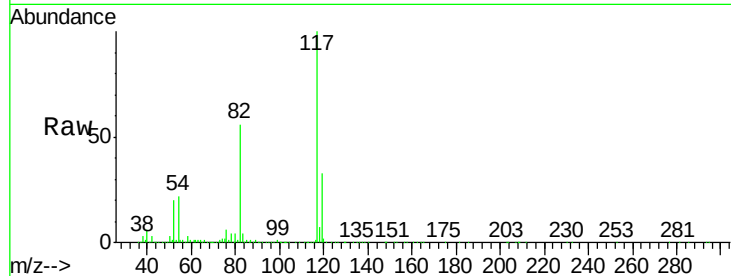




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018425.D
Acq: 15 Sep 2020 22:11

Instrument :
MSVOA_X
ClientSampleId :
PAV-B40-091420-0-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.2
119	33.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018425.D
Acq: 15 Sep 2020 22:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.5	124.5
150	159.3	0.0	343.8

